

SECTION\_A\_DESIGN\_CASE\_NOD3  
MODFLOW-2005  
U.S. GEOLOGICAL SURVEY MODULAR FINITE-DIFFERENCE GROUND-WATER FLOW MODEL  
VERSION 1.04.00 11/02/2007 Prec:single, Reg:GUI

LIST FILE: C:\Users\rspicer\Desktop\NOD3 FILES\Section A\Section A - Design  
Case\SECTION\_A\_DESIGN\_CASE\_NOD3.LST  
UNIT 6

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section A\Section A - Design  
Case\SECTION\_A\_DESIGN\_CASE\_NOD3.PCG  
FILE TYPE:PCG UNIT 23 STATUS:OLD  
FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section A\Section A - Design  
Case\SECTION\_A\_DESIGN\_CASE\_NOD3.BAS  
FILE TYPE:BAS6 UNIT 10 STATUS:OLD  
FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section A\Section A - Design  
Case\SECTION\_A\_DESIGN\_CASE\_NOD3.LPF  
FILE TYPE:LPF UNIT 33 STATUS:OLD  
FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section A\Section A - Design  
Case\SECTION\_A\_DESIGN\_CASE\_NOD3.DRN  
FILE TYPE:DRN UNIT 13 STATUS:OLD  
FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section A\Section A - Design  
Case\SECTION\_A\_DESIGN\_CASE\_NOD3.RCH  
FILE TYPE:RCH UNIT 18 STATUS:OLD  
FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section A\Section A - Design  
Case\SECTION\_A\_DESIGN\_CASE\_NOD3.OC  
FILE TYPE:OC UNIT 22 STATUS:OLD  
FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section A\Section A - Design  
Case\SECTION\_A\_DESIGN\_CASE\_NOD3.HFB  
FILE TYPE:HFB6 UNIT 31 STATUS:OLD  
FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section A\Section A - Design  
Case\SECTION\_A\_DESIGN\_CASE\_NOD3.DIS  
FILE TYPE:DIS UNIT 34 STATUS:OLD  
FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section A\Section A - Design  
Case\SECTION\_A\_DESIGN\_CASE\_NOD3.LMT  
FILE TYPE:LMT6 UNIT 333 STATUS:OLD  
FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section A\Section A - Design  
Case\SECTION\_A\_DESIGN\_CASE\_NOD3.FLO  
FILE TYPE:DATA(BINARY) UNIT 175 STATUS:UNKNOWN  
FORMAT:UNFORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section A\Section A - Design  
Case\SECTION\_A\_DESIGN\_CASE\_NOD3.NDC  
FILE TYPE:NDC UNIT 57 STATUS:OLD  
FORMAT:FORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section A\Section A - Design  
Case\SECTION\_A\_DESIGN\_CASE\_NOD3.HDS

SECTION\_A\_DESIGN\_CASE\_NOD3  
FILE TYPE:DATA(BINARY) UNIT 150 STATUS:UNKNOWN  
FORMAT:UNFORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section A\Section A - Design  
Case\SECTION\_A\_DESIGN\_CASE\_NOD3.DDN

FILE TYPE:DATA(BINARY) UNIT 151 STATUS:UNKNOWN  
FORMAT:UNFORMATTED ACCESS:SEQUENTIAL

OPENING C:\Users\rspicer\Desktop\NOD3 FILES\Section A\Section A - Design  
Case\SECTION\_A\_DESIGN\_CASE\_NOD3.BGT

FILE TYPE:DATA(BINARY) UNIT 154 STATUS:UNKNOWN  
FORMAT:UNFORMATTED ACCESS:SEQUENTIAL

BAS -- BASIC PACKAGE, VERSION 7, 5/2/2005 INPUT READ FROM UNIT 10

DISCRETIZATION INPUT DATA READ FROM UNIT 34  
#Discretization Package translator - (c) 2001 Waterloo Hydrogeologic Software  
#SECTION\_A\_DESIGN\_CASE\_NOD3.DIS Thu Jan 17 12:55:15 2013

80 LAYERS 1 ROWS 500 COLUMNS  
4 STRESS PERIOD(S) IN SIMULATION

MODEL TIME UNIT IS YEARS

MODEL LENGTH UNIT IS FEET

Confining bed flag for each layer:

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

DEL R  
READING ON UNIT 34 WITH FORMAT: (10E16.9)

DEL C  
READING ON UNIT 34 WITH FORMAT: (10E16.9)

TOP ELEVATION OF LAYER 1  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 1  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 2  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 3  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 4  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

SECTION\_A\_DESIGN\_CASE\_NOD3

MODEL LAYER BOTTOM EL. FOR LAYER 5  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 6  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 7  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 8  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 9  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 10  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 11  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 12  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 13  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 14  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 15  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 16  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 17  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

SECTION\_A\_DESIGN\_CASE\_NOD3

MODEL LAYER BOTTOM EL. FOR LAYER 18  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 19  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 20  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 21  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 22  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 23  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 24  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 25  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 26  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 27  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 28  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 29  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 30  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

SECTION\_A\_DESIGN\_CASE\_NOD3

MODEL LAYER BOTTOM EL. FOR LAYER 31  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 32  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 33  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 34  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 35  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 36  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 37  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 38  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 39  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 40  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 41  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 42  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 43  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

SECTION\_A\_DESIGN\_CASE\_NOD3

MODEL LAYER BOTTOM EL. FOR LAYER 44  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 45  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 46  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 47  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 48  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 49  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 50  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 51  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 52  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 53  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 54  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 55  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 56  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

SECTION\_A\_DESIGN\_CASE\_NOD3

MODEL LAYER BOTTOM EL. FOR LAYER 57  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 58  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 59  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 60  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 61  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 62  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 63  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 64  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 65  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 66  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 67  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 68  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 69  
READING ON UNIT 34 WITH FORMAT: (10E14.7)

SECTION\_A\_DESIGN\_CASE\_NOD3

MODEL LAYER BOTTOM EL. FOR LAYER 70  
 READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 71  
 READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 72  
 READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 73  
 READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 74  
 READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 75  
 READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 76  
 READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 77  
 READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 78  
 READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 79  
 READING ON UNIT 34 WITH FORMAT: (10E14.7)

MODEL LAYER BOTTOM EL. FOR LAYER 80  
 READING ON UNIT 34 WITH FORMAT: (10E14.7)

STRESS PERIOD	LENGTH	TIME STEPS	MULTIPLIER FOR DELT	SS FLAG
1	15.00000	10	1.200	TR
2	7.000000	10	1.200	TR
3	30.00000	10	1.200	TR
4	22.00000	10	1.200	TR

TRANSIENT SIMULATION



SECTION\_A\_DESIGN\_CASE\_NOD3

#Basic Package translator - (c) 2001 Waterloo Hydrogeologic Software  
#SECTION\_A\_DESIGN\_CASE\_NOD3.BAS Thu Jan 17 12:54:56 2013

BOUNDARY ARRAY FOR LAYER 1  
READING ON UNIT 10 WITH FORMAT: (40I2)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27  
28 29 30 31 32 33 34 35 36 37 38 39 40  
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67  
68 69 70 71 72 73 74 75 76 77 78 79 80  
81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98  
99100101102103104105106107108109110111112113114115116117118119120

121122123124125126127128129130131132133134135136137138139140141142143144145146147148149  
150151152153154155156157158159160

161162163164165166167168169170171172173174175176177178179180181182183184185186187188189  
190191192193194195196197198199200

2012022032042052062072082092102111212213214215216217218219220221222223224225226227228229  
230231232233234235236237238239240

241242243244245246247248249250251252253254255256257258259260261262263264265266267268269  
270271272273274275276277278279280

281282283284285286287288289290291292293294295296297298299300301302303304305306307308309  
310311312313314315316317318319320

321322323324325326327328329330331332333334335336337338339340341342343344345346347348349  
350351352353354355356357358359360

361362363364365366367368369370371372373374375376377378379380381382383384385386387388389  
390391392393394395396397398399400

4014024034044054064074084094104111412413414415416417418419420421422423424425426427428429  
4304314324334344345436437438439440

441442443444445446447448449450451452453454455456457458459460461462463464465466467468469  
470471472473474475476477478479480  
481482483484485486487488489490491492493494495496497498499500

.....  
.....  
1 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  
1  
1  
1  
1  
1  
1  
1  
1  
1  
1  
1  
1  
1  
1 1

SECTION\_A\_DESIGN\_CASE\_NOD3

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1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

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BOUNDARY ARRAY FOR LAYER 2

READING ON UNIT 10 WITH FORMAT: (40I2)

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27
28 29 30 31 32 33 34 35 36 37 38 39 40
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67
68 69 70 71 72 73 74 75 76 77 78 79 80
81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98
99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120

121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149
150 151 152 153 154 155 156 157 158 159 160

161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189
190 191 192 193 194 195 196 197 198 199 200

201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229
230 231 232 233 234 235 236 237 238 239 240

241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269
270 271 272 273 274 275 276 277 278 279 280

281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309
310 311 312 313 314 315 316 317 318 319 320

321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349
350 351 352 353 354 355 356 357 358 359 360

361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389
390 391 392 393 394 395 396 397 398 399 400

401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429
430 431 432 433 434 435 436 437 438 439 440

441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469
470 471 472 473 474 475 476 477 478 479 480
481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500

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.....
1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

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SECTION\_A\_DESIGN\_CASE\_NOD3

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1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

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BOUNDARY ARRAY FOR LAYER 7  
READING ON UNIT 10 WITH FORMAT: (40I2)

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27
28 29 30 31 32 33 34 35 36 37 38 39 40
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67
68 69 70 71 72 73 74 75 76 77 78 79 80
81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98
99100101102103104105106107108109110111112113114115116117118119120
121122123124125126127128129130131132133134135136137138139140141142143144145146147148149
150151152153154155156157158159160
161162163164165166167168169170171172173174175176177178179180181182183184185186187188189
190191192193194195196197198199200
2012022032042052062072082092102111212213214215216217218219220221222223224225226227228229
230231232233234235236237238239240
241242243244245246247248249250251252253254255256257258259260261262263264265266267268269
270271272273274275276277278279280
281282283284285286287288289290291292293294295296297298299300301302303304305306307308309
310311312313314315316317318319320
321322323324325326327328329330331332333334335336337338339340341342343344345346347348349
350351352353354355356357358359360
361362363364365366367368369370371372373374375376377378379380381382383384385386387388389
390391392393394395396397398399400
401402403404405406407408409410411412413414415416417418419420421422423424425426427428429
430431432433434435436437438439440
441442443444445446447448449450451452453454455456457458459460461462463464465466467468469
470471472473474475476477478479480
481482483484485486487488489490491492493494495496497498499500
.....
1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1

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SECTION\_A\_DESIGN\_CASE\_NOD3

470471472473474475476477478479480

481482483484485486487488489490491492493494495496497498499500

.....

1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

BOUNDARY ARRAY FOR LAYER 10  
READING ON UNIT 10 WITH FORMAT: (40I2)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27		
28	29	30	31	32	33	34	35	36	37	38	39	40																
		41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67
68	69	70	71	72	73	74	75	76	77	78	79	80																
		81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98									
99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120							
121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149
150	151	152	153	154	155	156	157	158	159	160																		
161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189
190	191	192	193	194	195	196	197	198	199	200																		
201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229
230	231	232	233	234	235	236	237	238	239	240																		
241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269
270	271	272	273	274	275	276	277	278	279	280																		
281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309
310	311	312	313	314	315	316	317	318	319	320																		
321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349
350	351	352	353	354	355	356	357	358	359	360																		
361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389
390	391	392	393	394	395	396	397	398	399	400																		
401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429

SECTION\_A\_DESIGN\_CASE\_NOD3

430431432433434435436437438439440

441442443444445446447448449450451452453454455456457458459460461462463464465466467468469  
470471472473474475476477478479480  
481482483484485486487488489490491492493494495496497498499500

```
.....
1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
```

BOUNDARY ARRAY FOR LAYER 11  
READING ON UNIT 10 WITH FORMAT: (40I2)

```
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27
28 29 30 31 32 33 34 35 36 37 38 39 40
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67
68 69 70 71 72 73 74 75 76 77 78 79 80
81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98
99100101102103104105106107108109110111112113114115116117118119120
121122123124125126127128129130131132133134135136137138139140141142143144145146147148149
150151152153154155156157158159160
161162163164165166167168169170171172173174175176177178179180181182183184185186187188189
190191192193194195196197198199200
201202203204205206207208209210211212213214215216217218219220221222223224225226227228229
230231232233234235236237238239240
241242243244245246247248249250251252253254255256257258259260261262263264265266267268269
270271272273274275276277278279280
281282283284285286287288289290291292293294295296297298299300301302303304305306307308309
310311312313314315316317318319320
321322323324325326327328329330331332333334335336337338339340341342343344345346347348349
350351352353354355356357358359360
361362363364365366367368369370371372373374375376377378379380381382383384385386387388389
```



SECTION\_A\_DESIGN\_CASE\_NOD3

350351352353354355356357358359360
361362363364365366367368369370371372373374375376377378379380381382383384385386387388389
390391392393394395396397398399400
401402403404405406407408409410411412413414415416417418419420421422423424425426427428429
430431432433434435436437438439440
441442443444445446447448449450451452453454455456457458459460461462463464465466467468469
470471472473474475476477478479480
481482483484485486487488489490491492493494495496497498499500

Table with 50 columns and 50 rows of binary data (0s and 1s) representing a boundary array.

BOUNDARY ARRAY FOR LAYER 13
READING ON UNIT 10 WITH FORMAT: (40I2)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27
28 29 30 31 32 33 34 35 36 37 38 39 40
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67
68 69 70 71 72 73 74 75 76 77 78 79 80
81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98
99100101102103104105106107108109110111112113114115116117118119120
121122123124125126127128129130131132133134135136137138139140141142143144145146147148149
150151152153154155156157158159160
161162163164165166167168169170171172173174175176177178179180181182183184185186187188189
190191192193194195196197198199200
201202203204205206207208209210211212213214215216217218219220221222223224225226227228229
230231232233234235236237238239240
241242243244245246247248249250251252253254255256257258259260261262263264265266267268269
270271272273274275276277278279280
281282283284285286287288289290291292293294295296297298299300301302303304305306307308309

SECTION\_A\_DESIGN\_CASE\_NOD3

310311312313314315316317318319320
32132232324325326327328329330331332333334335336337338339340341342343344345346347348349
350351352353354355356357358359360
361362363364365366367368369370371372373374375376377378379380381382383384385386387388389
390391392393394395396397398399400
401402403404405406407408409410411412413414415416417418419420421422423424425426427428429
430431432433434435436437438439440
441442443444445446447448449450451452453454455456457458459460461462463464465466467468469
470471472473474475476477478479480
481482483484485486487488489490491492493494495496497498499500

Table with 50 columns and 50 rows of binary data (0s and 1s) representing a boundary array for layer 14.

BOUNDARY ARRAY FOR LAYER 14

READING ON UNIT 10 WITH FORMAT: (40I2)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27
28 29 30 31 32 33 34 35 36 37 38 39 40
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67
68 69 70 71 72 73 74 75 76 77 78 79 80
81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98
99100101102103104105106107108109110111112113114115116117118119120
121122123124125126127128129130131132133134135136137138139140141142143144145146147148149
150151152153154155156157158159160
161162163164165166167168169170171172173174175176177178179180181182183184185186187188189
190191192193194195196197198199200
201202203204205206207208209210211212213214215216217218219220221222223224225226227228229
230231232233234235236237238239240
241242243244245246247248249250251252253254255256257258259260261262263264265266267268269



SECTION\_A\_DESIGN\_CASE\_NOD3

230231232233234235236237238239240
241242243244245246247248249250251252253254255256257258259260261262263264265266267268269
270271272273274275276277278279280
281282283284285286287288289290291292293294295296297298299300301302303304305306307308309
310311312313314315316317318319320
321322323324325326327328329330331332333334335336337338339340341342343344345346347348349
350351352353354355356357358359360
361362363364365366367368369370371372373374375376377378379380381382383384385386387388389
390391392393394395396397398399400
401402403404405406407408409410411412413414415416417418419420421422423424425426427428429
430431432433434435436437438439440
441442443444445446447448449450451452453454455456457458459460461462463464465466467468469
470471472473474475476477478479480
481482483484485486487488489490491492493494495496497498499500

Table with 50 columns and 50 rows of 0s and 1s. The first row contains 1s in columns 1-10 and 0s elsewhere. Subsequent rows show a pattern of 1s and 0s that generally fills the lower triangular area of the matrix.

BOUNDARY ARRAY FOR LAYER 16
READING ON UNIT 10 WITH FORMAT: (40I2)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27
28 29 30 31 32 33 34 35 36 37 38 39 40
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67
68 69 70 71 72 73 74 75 76 77 78 79 80
81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98
99100101102103104105106107108109110111112113114115116117118119120

121122123124125126127128129130131132133134135136137138139140141142143144145146147148149
150151152153154155156157158159160

161162163164165166167168169170171172173174175176177178179180181182183184185186187188189









SECTION\_A\_DESIGN\_CASE\_NOD3

41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67
68 69 70 71 72 73 74 75 76 77 78 79 80
81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98
99100101102103104105106107108109110111112113114115116117118119120

121122123124125126127128129130131132133134135136137138139140141142143144145146147148149
150151152153154155156157158159160

161162163164165166167168169170171172173174175176177178179180181182183184185186187188189
190191192193194195196197198199200

201202203204205206207208209210211212213214215216217218219220221222223224225226227228229
230231232233234235236237238239240

241242243244245246247248249250251252253254255256257258259260261262263264265266267268269
270271272273274275276277278279280

281282283284285286287288289290291292293294295296297298299300301302303304305306307308309
310311312313314315316317318319320

321322323324325326327328329330331332333334335336337338339340341342343344345346347348349
350351352353354355356357358359360

361362363364365366367368369370371372373374375376377378379380381382383384385386387388389
390391392393394395396397398399400

401402403404405406407408409410411412413414415416417418419420421422423424425426427428429
430431432433434435436437438439440

441442443444445446447448449450451452453454455456457458459460461462463464465466467468469
470471472473474475476477478479480
481482483484485486487488489490491492493494495496497498499500

Table of boundary array values (0s and 1s) for layer 20, showing a grid of 1s and 0s.

BOUNDARY ARRAY FOR LAYER 20
READING ON UNIT 10 WITH FORMAT: (40I2)





SECTION\_A\_DESIGN\_CASE\_NOD3

1 1

BOUNDARY ARRAY FOR LAYER 22

READING ON UNIT 10 WITH FORMAT: (40I2)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27
28 29 30 31 32 33 34 35 36 37 38 39 40
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67
68 69 70 71 72 73 74 75 76 77 78 79 80
81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98
99100101102103104105106107108109110111112113114115116117118119120

121122123124125126127128129130131132133134135136137138139140141142143144145146147148149
150151152153154155156157158159160

161162163164165166167168169170171172173174175176177178179180181182183184185186187188189
190191192193194195196197198199200

201202203204205206207208209210211212213214215216217218219220221222223224225226227228229
230231232233234235236237238239240

241242243244245246247248249250251252253254255256257258259260261262263264265266267268269
270271272273274275276277278279280

281282283284285286287288289290291292293294295296297298299300301302303304305306307308309
310311312313314315316317318319320

321322323324325326327328329330331332333334335336337338339340341342343344345346347348349
350351352353354355356357358359360

361362363364365366367368369370371372373374375376377378379380381382383384385386387388389
390391392393394395396397398399400

401402403404405406407408409410411412413414415416417418419420421422423424425426427428429
4304314324334344345436437438439440

441442443444445446447448449450451452453454455456457458459460461462463464465466467468469
470471472473474475476477478479480

481482483484485486487488489490491492493494495496497498499500

Table with 50 columns and 50 rows of binary data (0s and 1s) representing the boundary array for layer 22.

SECTION\_A\_DESIGN\_CASE\_NOD3

1 1
1 1
1 1

BOUNDARY ARRAY FOR LAYER 23
READING ON UNIT 10 WITH FORMAT: (40I2)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27
28 29 30 31 32 33 34 35 36 37 38 39 40
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67
68 69 70 71 72 73 74 75 76 77 78 79 80
81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98
99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120

121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149
150 151 152 153 154 155 156 157 158 159 160

161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189
190 191 192 193 194 195 196 197 198 199 200

201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229
230 231 232 233 234 235 236 237 238 239 240

241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269
270 271 272 273 274 275 276 277 278 279 280

281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309
310 311 312 313 314 315 316 317 318 319 320

321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349
350 351 352 353 354 355 356 357 358 359 360

361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389
390 391 392 393 394 395 396 397 398 399 400

401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429
430 431 432 433 434 435 436 437 438 439 440

441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469
470 471 472 473 474 475 476 477 478 479 480
481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500

.....
1 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1
1 1
1 1
1 1
1 1
1 1
1 1
1 1
1 1
1 1







## SECTION\_A\_DESIGN\_CASE\_NOD3

```
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
```

## BOUNDARY ARRAY FOR LAYER 26

READING ON UNIT 10 WITH FORMAT: (40I2)

```
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27
28 29 30 31 32 33 34 35 36 37 38 39 40
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67
68 69 70 71 72 73 74 75 76 77 78 79 80
81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98
99100101102103104105106107108109110111112113114115116117118119120
121122123124125126127128129130131132133134135136137138139140141142143144145146147148149
150151152153154155156157158159160
161162163164165166167168169170171172173174175176177178179180181182183184185186187188189
190191192193194195196197198199200
2012022032042052062072082092102111212213214215216217218219220221222223224225226227228229
230231232233234235236237238239240
241242243244245246247248249250251252253254255256257258259260261262263264265266267268269
270271272273274275276277278279280
281282283284285286287288289290291292293294295296297298299300301302303304305306307308309
310311312313314315316317318319320
321322323324325326327328329330331332333334335336337338339340341342343344345346347348349
350351352353354355356357358359360
361362363364365366367368369370371372373374375376377378379380381382383384385386387388389
390391392393394395396397398399400
401402403404405406407408409410411412413414415416417418419420421422423424425426427428429
430431432433434435436437438439440
441442443444445446447448449450451452453454455456457458459460461462463464465466467468469
470471472473474475476477478479480
481482483484485486487488489490491492493494495496497498499500
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0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
```













SECTION\_A\_DESIGN\_CASE\_NOD3

441442443444445446447448449450451452453454455456457458459460461462463464465466467468469  
470471472473474475476477478479480  
481482483484485486487488489490491492493494495496497498499500

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.....  
.....  
0 1 0  
0  
0 0 1  
1  
1  
1  
1  
1  
1  
1  
1  
1  
1  
1  
1  
1  
1  
1  
1  
1 1

BOUNDARY ARRAY FOR LAYER 32

READING ON UNIT 10 WITH FORMAT: (40I2)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27  
28 29 30 31 32 33 34 35 36 37 38 39 40  
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67  
68 69 70 71 72 73 74 75 76 77 78 79 80  
81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98  
99100101102103104105106107108109110111112113114115116117118119120  
  
121122123124125126127128129130131132133134135136137138139140141142143144145146147148149  
150151152153154155156157158159160  
  
161162163164165166167168169170171172173174175176177178179180181182183184185186187188189  
190191192193194195196197198199200  
  
2012022032042052062072082092102111212213214215216217218219220221222223224225226227228229  
230231232233234235236237238239240  
  
241242243244245246247248249250251252253254255256257258259260261262263264265266267268269  
270271272273274275276277278279280  
  
281282283284285286287288289290291292293294295296297298299300301302303304305306307308309  
3103111312313314315316317318319320  
  
321322233324325326327328329330331332333334335336337338339340341342343344345346347348349  
350351352353354355356357358359360  
  
361362363364365366367368369370371372373374375376377378379380381382383384385386387388389  
390391392393394395396397398399400

SECTION\_A\_DESIGN\_CASE\_NOD3

401402403404405406407408409410411412413414415416417418419420421422423424425426427428429  
430431432433434435436437438439440

441442443444445446447448449450451452453454455456457458459460461462463464465466467468469  
470471472473474475476477478479480  
481482483484485486487488489490491492493494495496497498499500

.....  
.....  
1 0  
0  
0 0 0 0 1  
1  
1  
1  
1  
1  
1  
1  
1  
1  
1  
1 1

BOUNDARY ARRAY FOR LAYER 33  
READING ON UNIT 10 WITH FORMAT: (40I2)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27  
28 29 30 31 32 33 34 35 36 37 38 39 40  
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67  
68 69 70 71 72 73 74 75 76 77 78 79 80  
81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98  
99100101102103104105106107108109110111112113114115116117118119120  
121122123124125126127128129130131132133134135136137138139140141142143144145146147148149  
150151152153154155156157158159160  
161162163164165166167168169170171172173174175176177178179180181182183184185186187188189  
190191192193194195196197198199200  
201202203204205206207208209210211212213214215216217218219220221222223224225226227228229  
230231232233234235236237238239240  
241242243244245246247248249250251252253254255256257258259260261262263264265266267268269  
270271272273274275276277278279280  
281282283284285286287288289290291292293294295296297298299300301302303304305306307308309  
310311312313314315316317318319320  
321322323324325326327328329330331332333334335336337338339340341342343344345346347348349  
350351352353354355356357358359360





SECTION\_A\_DESIGN\_CASE\_NOD3

281282283284285286287288289290291292293294295296297298299300301302303304305306307308309  
310311312313314315316317318319320

32132232324325326327328329330331332333334335336337338339340341342343344345346347348349  
3503513523535354355356357358359360

361362363364365366367368369370371372373374375376377378379380381382383384385386387388389  
390391392393394395396397398399400

401402403404405406407408409410411412413414415416417418419420421422423424425426427428429  
4304314324334344345436437438439440

441442443444445446447448449450451452453454455456457458459460461462463464465466467468469  
470471472473474475476477478479480  
481482483484485486487488489490491492493494495496497498499500

```

.....
1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
  0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

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BOUNDARY ARRAY FOR LAYER 36

READING ON UNIT 10 WITH FORMAT: (40I2)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27  
28 29 30 31 32 33 34 35 36 37 38 39 40  
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67  
68 69 70 71 72 73 74 75 76 77 78 79 80  
81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98  
99100101102103104105106107108109110111112113114115116117118119120  
121122123124125126127128129130131132133134135136137138139140141142143144145146147148149  
150151152153154155156157158159160  
161162163164165166167168169170171172173174175176177178179180181182183184185186187188189  
190191192193194195196197198199200  
2012022032042052062072082092102111212213214215216217218219220221222223224225226227228229  
230231232233234235236237238239240









SECTION\_A\_DESIGN\_CASE\_NOD3

121122123124125126127128129130131132133134135136137138139140141142143144145146147148149  
150151152153154155156157158159160

161162163164165166167168169170171172173174175176177178179180181182183184185186187188189  
190191192193194195196197198199200

201202203204205206207208209210211212213214215216217218219220221222223224225226227228229  
230231232233234235236237238239240

241242243244245246247248249250251252253254255256257258259260261262263264265266267268269  
270271272273274275276277278279280

281282283284285286287288289290291292293294295296297298299300301302303304305306307308309  
310311312313314315316317318319320

321322323324325326327328329330331332333334335336337338339340341342343344345346347348349  
350351352353354355356357358359360

361362363364365366367368369370371372373374375376377378379380381382383384385386387388389  
390391392393394395396397398399400

401402403404405406407408409410411412413414415416417418419420421422423424425426427428429  
4304314324334344345436437438439440

441442443444445446447448449450451452453454455456457458459460461462463464465466467468469  
470471472473474475476477478479480

481482483484485486487488489490491492493494495496497498499500

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.....
1   0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0   0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0   0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0   0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0   0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0   0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0   0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0   0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0   0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0   0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0   0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0   0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1   1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

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BOUNDARY ARRAY FOR LAYER 40  
READING ON UNIT 10 WITH FORMAT: (40I2)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27  
28 29 30 31 32 33 34 35 36 37 38 39 40  
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67  
68 69 70 71 72 73 74 75 76 77 78 79 80





SECTION\_A\_DESIGN\_CASE\_NOD3

READING ON UNIT 10 WITH FORMAT: (40I2)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27  
28 29 30 31 32 33 34 35 36 37 38 39 40  
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67  
68 69 70 71 72 73 74 75 76 77 78 79 80  
81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98  
99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120  
  
121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149  
150 151 152 153 154 155 156 157 158 159 160  
  
161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189  
190 191 192 193 194 195 196 197 198 199 200  
  
201 202 203 204 205 206 207 208 209 210 211 212 221 231 241 251 261 271 281 291 301 311 321 331 341 351 361 371 381 391  
230 231 232 233 234 235 236 237 238 239 240  
  
241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269  
270 271 272 273 274 275 276 277 278 279 280  
  
281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309  
310 311 312 313 314 315 316 317 318 319 320  
  
321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349  
350 351 352 353 354 355 356 357 358 359 360  
  
361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389  
390 391 392 393 394 395 396 397 398 399 400  
  
401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429  
430 431 432 433 434 435 436 437 438 439 440  
  
441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469  
470 471 472 473 474 475 476 477 478 479 480  
481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500

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1  
1 1

SECTION\_A\_DESIGN\_CASE\_NOD3

BOUNDARY ARRAY FOR LAYER 43
READING ON UNIT 10 WITH FORMAT: (40I2)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27
28 29 30 31 32 33 34 35 36 37 38 39 40
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67
68 69 70 71 72 73 74 75 76 77 78 79 80
81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98
99100101102103104105106107108109110111112113114115116117118119120

121122123124125126127128129130131132133134135136137138139140141142143144145146147148149
150151152153154155156157158159160

161162163164165166167168169170171172173174175176177178179180181182183184185186187188189
190191192193194195196197198199200

201202203204205206207208209210211212213214215216217218219220221222223224225226227228229
230231232233234235236237238239240

241242243244245246247248249250251252253254255256257258259260261262263264265266267268269
270271272273274275276277278279280

281282283284285286287288289290291292293294295296297298299300301302303304305306307308309
310311312313314315316317318319320

321322323324325326327328329330331332333334335336337338339340341342343344345346347348349
350351352353354355356357358359360

361362363364365366367368369370371372373374375376377378379380381382383384385386387388389
390391392393394395396397398399400

401402403404405406407408409410411412413414415416417418419420421422423424425426427428429
430431432433434435436437438439440

441442443444445446447448449450451452453454455456457458459460461462463464465466467468469
470471472473474475476477478479480
481482483484485486487488489490491492493494495496497498499500

Table with 50 columns and 50 rows of binary data (0s and 1s). The first 10 rows are all 0s. The last 10 rows are all 1s. The middle 30 rows are all 0s.

SECTION\_A\_DESIGN\_CASE\_NOD3

1  
1 1

BOUNDARY ARRAY FOR LAYER 44  
READING ON UNIT 10 WITH FORMAT: (40I2)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27  
28 29 30 31 32 33 34 35 36 37 38 39 40  
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67  
68 69 70 71 72 73 74 75 76 77 78 79 80  
81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98  
99100101102103104105106107108109110111112113114115116117118119120  
  
121122123124125126127128129130131132133134135136137138139140141142143144145146147148149  
150151152153154155156157158159160  
  
161162163164165166167168169170171172173174175176177178179180181182183184185186187188189  
190191192193194195196197198199200  
  
201202203204205206207208209210211212213214215216217218219220221222223224225226227228229  
230231232233234235236237238239240  
  
241242243244245246247248249250251252253254255256257258259260261262263264265266267268269  
270271272273274275276277278279280  
  
281282283284285286287288289290291292293294295296297298299300301302303304305306307308309  
310311312313314315316317318319320  
  
321322323324325326327328329330331332333334335336337338339340341342343344345346347348349  
350351352353354355356357358359360  
  
361362363364365366367368369370371372373374375376377378379380381382383384385386387388389  
390391392393394395396397398399400  
  
401402403404405406407408409410411412413414415416417418419420421422423424425426427428429  
430431432433434435436437438439440  
  
441442443444445446447448449450451452453454455456457458459460461462463464465466467468469  
470471472473474475476477478479480  
481482483484485486487488489490491492493494495496497498499500

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.....  
1 0  
0  
0  
0  
0  
0  
0  
0  
0  
0  
0  
0 0 0 0 0 0 1



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                    SECTION_A_DESIGN_CASE_NOD3
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

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BOUNDARY ARRAY FOR LAYER 46  
READING ON UNIT 10 WITH FORMAT: (40I2)

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27
28 29 30 31 32 33 34 35 36 37 38 39 40
68 69 70 71 72 73 74 75 76 77 78 79 80
81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98
99100101102103104105106107108109110111112113114115116117118119120
121122123124125126127128129130131132133134135136137138139140141142143144145146147148149
150151152153154155156157158159160
161162163164165166167168169170171172173174175176177178179180181182183184185186187188189
190191192193194195196197198199200
201202203204205206207208209210211212213214215216217218219220221222223224225226227228229
230231232233234235236237238239240
241242243244245246247248249250251252253254255256257258259260261262263264265266267268269
270271272273274275276277278279280
281282283284285286287288289290291292293294295296297298299300301302303304305306307308309
310311312313314315316317318319320
321322323324325326327328329330331332333334335336337338339340341342343344345346347348349
350351352353354355356357358359360
361362363364365366367368369370371372373374375376377378379380381382383384385386387388389
390391392393394395396397398399400
401402403404405406407408409410411412413414415416417418419420421422423424425426427428429
430431432433434435436437438439440
441442443444445446447448449450451452453454455456457458459460461462463464465466467468469
470471472473474475476477478479480
481482483484485486487488489490491492493494495496497498499500

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.....
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

```



SECTION\_A\_DESIGN\_CASE\_NOD3

```

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

```

BOUNDARY ARRAY FOR LAYER 47

READING ON UNIT 10 WITH FORMAT: (40I2)

```

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27
28 29 30 31 32 33 34 35 36 37 38 39 40
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67
68 69 70 71 72 73 74 75 76 77 78 79 80
81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98
99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120

121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149
150 151 152 153 154 155 156 157 158 159 160

161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189
190 191 192 193 194 195 196 197 198 199 200

201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229
230 231 232 233 234 235 236 237 238 239 240

241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269
270 271 272 273 274 275 276 277 278 279 280

281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309
310 311 312 313 314 315 316 317 318 319 320

321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349
350 351 352 353 354 355 356 357 358 359 360

361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389
390 391 392 393 394 395 396 397 398 399 400

401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429
430 431 432 433 434 435 436 437 438 439 440

441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469
470 471 472 473 474 475 476 477 478 479 480
481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500

```

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.....
1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

```

SECTION\_A\_DESIGN\_CASE\_NOD3

```

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

```

BOUNDARY ARRAY FOR LAYER 48  
READING ON UNIT 10 WITH FORMAT: (40I2)

```

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27
28 29 30 31 32 33 34 35 36 37 38 39 40
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67
68 69 70 71 72 73 74 75 76 77 78 79 80
81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98
99100101102103104105106107108109110111112113114115116117118119120
121122123124125126127128129130131132133134135136137138139140141142143144145146147148149
150151152153154155156157158159160
161162163164165166167168169170171172173174175176177178179180181182183184185186187188189
190191192193194195196197198199200
201202203204205206207208209210211212213214215216217218219220221222223224225226227228229
230231232233234235236237238239240
241242243244245246247248249250251252253254255256257258259260261262263264265266267268269
270271272273274275276277278279280
281282283284285286287288289290291292293294295296297298299300301302303304305306307308309
3103111312313314315316317318319320
321322323324325326327328329330331332333334335336337338339340341342343344345346347348349
350351352353354355356357358359360
361362363364365366367368369370371372373374375376377378379380381382383384385386387388389
390391392393394395396397398399400
401402403404405406407408409410411412413414415416417418419420421422423424425426427428429
430431432433434435436437438439440
441442443444445446447448449450451452453454455456457458459460461462463464465466467468469
470471472473474475476477478479480
481482483484485486487488489490491492493494495496497498499500

```

```

.....
.....
1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

```

SECTION\_A\_DESIGN\_CASE\_NOD3

```

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

```

BOUNDARY ARRAY FOR LAYER 49

READING ON UNIT 10 WITH FORMAT: (40I2)

```

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27
28 29 30 31 32 33 34 35 36 37 38 39 40
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67
68 69 70 71 72 73 74 75 76 77 78 79 80
81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98
99100101102103104105106107108109110111112113114115116117118119120
121122123124125126127128129130131132133134135136137138139140141142143144145146147148149
150151152153154155156157158159160
161162163164165166167168169170171172173174175176177178179180181182183184185186187188189
190191192193194195196197198199200
201202203204205206207208209210211212213214215216217218219220221222223224225226227228229
230231232233234235236237238239240
241242243244245246247248249250251252253254255256257258259260261262263264265266267268269
270271272273274275276277278279280
281282283284285286287288289290291292293294295296297298299300301302303304305306307308309
3103111312313314315316317318319320
321322323324325326327328329330331332333334335336337338339340341342343344345346347348349
350351352353354355356357358359360
361362363364365366367368369370371372373374375376377378379380381382383384385386387388389
390391392393394395396397398399400
401402403404405406407408409410411412413414415416417418419420421422423424425426427428429
430431432433434435436437438439440
441442443444445446447448449450451452453454455456457458459460461462463464465466467468469
470471472473474475476477478479480
481482483484485486487488489490491492493494495496497498499500
.....
1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

```

SECTION\_A\_DESIGN\_CASE\_NOD3

```

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

```

BOUNDARY ARRAY FOR LAYER 50  
READING ON UNIT 10 WITH FORMAT: (40I2)

```

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27
28 29 30 31 32 33 34 35 36 37 38 39 40
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67
68 69 70 71 72 73 74 75 76 77 78 79 80
81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98
99100101102103104105106107108109110111112113114115116117118119120
121122123124125126127128129130131132133134135136137138139140141142143144145146147148149
150151152153154155156157158159160
161162163164165166167168169170171172173174175176177178179180181182183184185186187188189
190191192193194195196197198199200
2012022032042052062072082092102111212213214215216217218219220221222223224225226227228229
230231232233234235236237238239240
241242243244245246247248249250251252253254255256257258259260261262263264265266267268269
270271272273274275276277278279280
281282283284285286287288289290291292293294295296297298299300301302303304305306307308309
310311132313314315316317318319320
321322323324325326327328329330331332333334335336337338339340341342343344345346347348349
350351352353354355356357358359360
361362363364365366367368369370371372373374375376377378379380381382383384385386387388389
390391392393394395396397398399400
4014024034044054064074084094104111412413414415416417418419420421422423424425426427428429
430431432433434435436437438439440
441442443444445446447448449450451452453454455456457458459460461462463464465466467468469
470471472473474475476477478479480
481482483484485486487488489490491492493494495496497498499500

```

```

.....
1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

```



SECTION\_A\_DESIGN\_CASE\_NOD3

```

.....
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

```

BOUNDARY ARRAY FOR LAYER 52

READING ON UNIT 10 WITH FORMAT: (40I2)

```

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27
28 29 30 31 32 33 34 35 36 37 38 39 40
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67
68 69 70 71 72 73 74 75 76 77 78 79 80
81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98
99100101102103104105106107108109110111112113114115116117118119120
121122123124125126127128129130131132133134135136137138139140141142143144145146147148149
150151152153154155156157158159160
161162163164165166167168169170171172173174175176177178179180181182183184185186187188189
190191192193194195196197198199200
2012022032042052062072082092102111212213214215216217218219220221222223224225226227228229
230231232233234235236237238239240
241242243244245246247248249250251252253254255256257258259260261262263264265266267268269
270271272273274275276277278279280
281282283284285286287288289290291292293294295296297298299300301302303304305306307308309
310311312313314315316317318319320
321322323324325326327328329330331332333334335336337338339340341342343344345346347348349
350351352353354355356357358359360
361362363364365366367368369370371372373374375376377378379380381382383384385386387388389
390391392393394395396397398399400
401402403404405406407408409410411412413414415416417418419420421422423424425426427428429
4304314324334344345436437438439440
441442443444445446447448449450451452453454455456457458459460461462463464465466467468469
470471472473474475476477478479480

```



SECTION\_A\_DESIGN\_CASE\_NOD3

441442443444445446447448449450451452453454455456457458459460461462463464465466467468469  
470471472473474475476477478479480  
481482483484485486487488489490491492493494495496497498499500

.....  
1 0  
0  
0  
0  
0  
0  
0  
0  
0  
0  
0  
0  
0  
0  
0  
0  
0  
0  
0  
0  
0  
0  
0  
0  
1  
1 1

BOUNDARY ARRAY FOR LAYER 54

READING ON UNIT 10 WITH FORMAT: (40I2)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27  
28 29 30 31 32 33 34 35 36 37 38 39 40  
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67  
68 69 70 71 72 73 74 75 76 77 78 79 80  
81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98  
99100101102103104105106107108109110111112113114115116117118119120  
121122123124125126127128129130131132133134135136137138139140141142143144145146147148149  
150151152153154155156157158159160  
161162163164165166167168169170171172173174175176177178179180181182183184185186187188189  
190191192193194195196197198199200  
201202203204205206207208209210211212213214215216217218219220221222223224225226227228229  
230231232233234235236237238239240  
241242243244245246247248249250251252253254255256257258259260261262263264265266267268269  
270271272273274275276277278279280  
281282283284285286287288289290291292293294295296297298299300301302303304305306307308309  
310311312313314315316317318319320  
321322323324325326327328329330331332333334335336337338339340341342343344345346347348349  
350351352353354355356357358359360  
361362363364365366367368369370371372373374375376377378379380381382383384385386387388389  
390391392393394395396397398399400













SECTION\_A\_DESIGN\_CASE\_NOD3

201202203204205206207208209210211212213214215216217218219220221222223224225226227228229  
230231232233234235236237238239240  
241242243244245246247248249250251252253254255256257258259260261262263264265266267268269  
270271272273274275276277278279280  
281282283284285286287288289290291292293294295296297298299300301302303304305306307308309  
310311312313314315316317318319320  
321322323324325326327328329330331332333334335336337338339340341342343344345346347348349  
3503513523535354355356357358359360  
361362363364365366367368369370371372373374375376377378379380381382383384385386387388389  
390391392393394395396397398399400  
401402403404405406407408409410411412413414415416417418419420421422423424425426427428429  
430431432433434435436437438439440  
441442443444445446447448449450451452453454455456457458459460461462463464465466467468469  
470471472473474475476477478479480  
481482483484485486487488489490491492493494495496497498499500

.....																																							
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

BOUNDARY ARRAY FOR LAYER 60  
READING ON UNIT 10 WITH FORMAT: (40I2)  
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27  
28 29 30 31 32 33 34 35 36 37 38 39 40  
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67  
68 69 70 71 72 73 74 75 76 77 78 79 80  
81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98  
99100101102103104105106107108109110111112113114115116117118119120  
121122123124125126127128129130131132133134135136137138139140141142143144145146147148149  
150151152153154155156157158159160















SECTION\_A\_DESIGN\_CASE\_NOD3  
0  
0  
0 0

BOUNDARY ARRAY FOR LAYER 66  
READING ON UNIT 10 WITH FORMAT: (40I2)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27  
28 29 30 31 32 33 34 35 36 37 38 39 40  
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67  
68 69 70 71 72 73 74 75 76 77 78 79 80  
81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98  
99100101102103104105106107108109110111112113114115116117118119120

121122123124125126127128129130131132133134135136137138139140141142143144145146147148149  
150151152153154155156157158159160

161162163164165166167168169170171172173174175176177178179180181182183184185186187188189  
190191192193194195196197198199200

2012022032042052062072082092102111212213214215216217218219220221222223224225226227228229  
230231232233234235236237238239240

241242243244245246247248249250251252253254255256257258259260261262263264265266267268269  
270271272273274275276277278279280

281282283284285286287288289290291292293294295296297298299300301302303304305306307308309  
310311312313314315316317318319320

321322323324325326327328329330331332333334335336337338339340341342343344345346347348349  
350351352353354355356357358359360

361362363364365366367368369370371372373374375376377378379380381382383384385386387388389  
390391392393394395396397398399400

401402403404405406407408409410411412413414415416417418419420421422423424425426427428429  
4304314324334344345436437438439440

441442443444445446447448449450451452453454455456457458459460461462463464465466467468469  
470471472473474475476477478479480  
481482483484485486487488489490491492493494495496497498499500

.....  
.....  
.....  
0 1 0  
0  
0  
0  
0  
0  
0  
0  
0  
0  
0  
0  
0  
0  
0  
0  
0  
0 0

SECTION\_A\_DESIGN\_CASE\_NOD3

```

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

```

BOUNDARY ARRAY FOR LAYER 67

READING ON UNIT 10 WITH FORMAT: (40I2)

```

  1  2  3  4  5  6  7  8  9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27
28 29 30 31 32 33 34 35 36 37 38 39 40
 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67
68 69 70 71 72 73 74 75 76 77 78 79 80
 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98
99100101102103104105106107108109110111112113114115116117118119120

121122123124125126127128129130131132133134135136137138139140141142143144145146147148149
150151152153154155156157158159160

161162163164165166167168169170171172173174175176177178179180181182183184185186187188189
190191192193194195196197198199200

2012022032042052062072082092102111212213214215216217218219220221222223224225226227228229
230231232233234235236237238239240

241242243244245246247248249250251252253254255256257258259260261262263264265266267268269
270271272273274275276277278279280

281282283284285286287288289290291292293294295296297298299300301302303304305306307308309
310311312313314315316317318319320

321322323324325326327328329330331332333334335336337338339340341342343344345346347348349
350351352353354355356357358359360

361362363364365366367368369370371372373374375376377378379380381382383384385386387388389
390391392393394395396397398399400

4014024034044054064074084094104111412413414415416417418419420421422423424425426427428429
430431432433434435436437438439440

441442443444445446447448449450451452453454455456457458459460461462463464465466467468469
470471472473474475476477478479480
 481482483484485486487488489490491492493494495496497498499500

```

```

.....
.....
  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0

```

























SECTION\_A\_DESIGN\_CASE\_NOD3

350351352353354355356357358359360
361362363364365366367368369370371372373374375376377378379380381382383384385386387388389
390391392393394395396397398399400
401402403404405406407408409410411412413414415416417418419420421422423424425426427428429
430431432433434435436437438439440
441442443444445446447448449450451452453454455456457458459460461462463464465466467468469
470471472473474475476477478479480
481482483484485486487488489490491492493494495496497498499500

Table with 50 columns and 50 rows of zeros, representing a boundary array for layer 78.

BOUNDARY ARRAY FOR LAYER 78

READING ON UNIT 10 WITH FORMAT: (40I2)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27
28 29 30 31 32 33 34 35 36 37 38 39 40
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67
68 69 70 71 72 73 74 75 76 77 78 79 80
81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98
99100101102103104105106107108109110111112113114115116117118119120
121122123124125126127128129130131132133134135136137138139140141142143144145146147148149
150151152153154155156157158159160
161162163164165166167168169170171172173174175176177178179180181182183184185186187188189
190191192193194195196197198199200
201202203204205206207208209210211212213214215216217218219220221222223224225226227228229
230231232233234235236237238239240
241242243244245246247248249250251252253254255256257258259260261262263264265266267268269
270271272273274275276277278279280
281282283284285286287288289290291292293294295296297298299300301302303304305306307308309

SECTION\_A\_DESIGN\_CASE\_NOD3

310311312313314315316317318319320
321322323324325326327328329330331332333334335336337338339340341342343344345346347348349
350351352353354355356357358359360
361362363364365366367368369370371372373374375376377378379380381382383384385386387388389
390391392393394395396397398399400
401402403404405406407408409410411412413414415416417418419420421422423424425426427428429
430431432433434435436437438439440
441442443444445446447448449450451452453454455456457458459460461462463464465466467468469
470471472473474475476477478479480
481482483484485486487488489490491492493494495496497498499500

Table with 50 columns and 50 rows of zeros, representing a boundary array for layer 79.

BOUNDARY ARRAY FOR LAYER 79

READING ON UNIT 10 WITH FORMAT: (40I2)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27
28 29 30 31 32 33 34 35 36 37 38 39 40
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67
68 69 70 71 72 73 74 75 76 77 78 79 80
81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98
99100101102103104105106107108109110111112113114115116117118119120
121122123124125126127128129130131132133134135136137138139140141142143144145146147148149
150151152153154155156157158159160
161162163164165166167168169170171172173174175176177178179180181182183184185186187188189
190191192193194195196197198199200
201202203204205206207208209210211212213214215216217218219220221222223224225226227228229
230231232233234235236237238239240
241242243244245246247248249250251252253254255256257258259260261262263264265266267268269



SECTION\_A\_DESIGN\_CASE\_NOD3

230231232233234235236237238239240
241242243244245246247248249250251252253254255256257258259260261262263264265266267268269
270271272273274275276277278279280
281282283284285286287288289290291292293294295296297298299300301302303304305306307308309
310311312313314315316317318319320
321322323324325326327328329330331332333334335336337338339340341342343344345346347348349
350351352353354355356357358359360
361362363364365366367368369370371372373374375376377378379380381382383384385386387388389
390391392393394395396397398399400
401402403404405406407408409410411412413414415416417418419420421422423424425426427428429
430431432433434435436437438439440
441442443444445446447448449450451452453454455456457458459460461462463464465466467468469
470471472473474475476477478479480
481482483484485486487488489490491492493494495496497498499500

Table with 50 columns and 50 rows of zeros, representing a grid of no-flow nodes.

AQUIFER HEAD WILL BE SET TO 1.00000E+30 AT ALL NO-FLOW NODES (IBOUND=0).

Table with 10 columns and 10 rows showing initial head for layer 1 with format (10G12.5). Columns are labeled 1-10 and rows 8-41.

## SECTION\_A\_DESIGN\_CASE\_NOD3

48		49		50					
	51		52		53		54		55
58		59		60					56
	61		62		63		64		65
68		69		70					66
	71		72		73		74		75
78		79		80					76
	81		82		83		84		85
88		89		90					86
	91		92		93		94		95
98		99		100					96
	101		102		103		104		105
108		109		110					106
	111		112		113		114		115
118		119		120					116
	121		122		123		124		125
128		129		130					126
	131		132		133		134		135
138		139		140					136
	141		142		143		144		145
148		149		150					146
	151		152		153		154		155
158		159		160					156
	161		162		163		164		165
168		169		170					166
	171		172		173		174		175
178		179		180					176
	181		182		183		184		185
188		189		190					186
	191		192		193		194		195
198		199		200					196
	201		202		203		204		205
208		209		210					206
	211		212		213		214		215
218		219		220					216
	221		222		223		224		225
228		229		230					226
	231		232		233		234		235
238		239		240					236
	241		242		243		244		245
248		249		250					246
	251		252		253		254		255
258		259		260					256
	261		262		263		264		265
268		269		270					266
	271		272		273		274		275
278		279		280					276
	281		282		283		284		285
288		289		290					286
	291		292		293		294		295
298		299		300					296
	301		302		303		304		305
308		309		310					306
	311		312		313		314		315
318		319		320					316
	321		322		323		324		325
328		329		330					326
	331		332		333		334		335
338		339		340					336
	341		342		343		344		345
348		349		350					346
	351		352		353		354		355
358		359		360					356
	361		362		363		364		365
368		369		370					366

## SECTION\_A\_DESIGN\_CASE\_NOD3

371	372	373	374	375	376	377
378	379	380	381	382	383	384
388	389	390	391	392	393	394
398	399	400	401	402	403	404
408	409	410	411	412	413	414
418	419	420	421	422	423	424
428	429	430	431	432	433	434
438	439	440	441	442	443	444
448	449	450	451	452	453	454
458	459	460	461	462	463	464
468	469	470	471	472	473	474
478	479	480	481	482	483	484
488	489	490	491	492	493	494
498	499	500				

1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.7	461.7	461.7
	461.8	461.8	461.7	461.7	461.6	461.5	461.5
	461.7	461.7	461.6	461.6	461.5	461.4	461.4
	461.6	461.6	461.5	461.5	461.4	461.3	461.3
	461.5	461.5	461.4	461.4	461.3	461.2	461.2
	461.5	461.4	461.3	461.3	461.2	461.1	461.1
	461.3	461.3	461.1	461.1	461.0	461.0	461.0
	461.3	461.3	461.0	461.0	460.9	460.8	460.8
	461.2	461.1	460.9	460.9	460.8	460.7	460.7
	461.2	461.1	460.8	460.8	460.7	460.6	460.6
	461.1	461.1	460.7	460.7	460.6	460.5	460.5
	461.0	461.0	460.6	460.6	460.5	460.4	460.4
	460.9	460.9	460.5	460.5	460.4	460.3	460.3
	460.8	460.8	460.4	460.4	460.3	460.2	460.2
	460.8	460.7	460.3	460.3	460.2	460.1	460.1
	460.6	460.6	460.2	460.2	460.1	460.0	460.0
	460.6	460.6	460.1	460.1	460.0	459.9	459.9
	460.5	460.6	459.9	459.9	459.8	459.8	459.8
	460.5	460.4	459.8	459.8	459.7	459.6	459.6
	460.4	460.4	459.7	459.7	459.6	459.5	459.5
	460.3	460.4	459.6	459.6	459.5	459.4	459.4
	460.3	460.3	459.5	459.5	459.4	459.3	459.3
	460.2	460.2	459.4	459.4	459.3	459.2	459.2
	460.1	460.2	459.3	459.3	459.2	459.1	459.1
	460.1	460.1	459.2	459.2	459.1	459.0	459.0
	460.1	460.0	459.1	459.1	458.9	458.9	458.9
	459.9	459.9	459.0	459.0	458.9	458.9	458.9
	459.9	459.9	459.0	459.0	458.9	458.9	458.9
	459.8	459.7	458.8	458.8			
	459.8	459.7					
	459.7	459.7					
	459.6	459.6					
	459.6	459.5					
	459.5	459.5					
	459.4	459.4					
	459.4	459.3					
	459.3	459.3					
	459.2	459.2					
	459.2	459.2					
	459.0	459.0					
	459.0	459.0					
	458.9	458.9					

## SECTION\_A\_DESIGN\_CASE\_NOD3

458.8	458.8	458.8	458.8	458.7	458.7	458.7
458.7	458.7	458.7	458.7	458.7	458.7	458.7
458.6	458.6	458.6	458.6	458.6	458.6	458.6
458.5	458.5	458.5	458.5	458.5	458.5	458.5
458.5	458.4	458.4	458.4	458.4	458.4	458.4
458.3	458.3	458.3	458.3	458.3	458.3	458.3
458.3	458.3	458.3	458.3	458.2	458.2	458.2
458.2	458.1	458.1	458.1	458.2	458.2	458.2
458.1	458.1	458.1	458.1	458.1	458.0	458.0
458.0	458.0	458.0	458.0	458.1	458.0	458.0
457.9	457.9	457.9	457.9	457.9	457.9	457.8
457.8	457.8	457.8	457.8	457.9	457.9	457.8
457.8	457.7	457.7	457.7	457.9	457.9	457.8
457.6	457.6	457.6	457.6	457.7	457.7	457.7
457.6	457.6	457.6	457.6	457.7	457.7	457.7
457.5	457.6	457.5	457.5	457.5	457.5	457.5
457.5	457.4	457.4	457.4	457.5	457.5	457.5
457.4	457.4	457.4	457.4	457.4	457.3	457.3
457.3	457.3	457.3	457.3	457.4	457.3	457.3
457.2	457.2	457.2	457.2	457.4	457.3	457.3
457.1	457.2	457.2	457.2	457.2	457.2	457.1
457.1	457.1	457.1	457.1	457.2	457.2	457.1
457.1	457.0	457.0	457.0	457.2	457.2	457.1
456.9	456.9	456.9	456.9	457.0	457.0	457.0
456.9	456.9	456.9	456.9	457.0	457.0	457.0
456.8	456.9	456.8	456.8	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.8	456.8	456.8
456.7	456.7	456.7	456.7	456.6	456.6	456.6
456.6	456.6	456.6	456.6	456.6	456.6	456.6
456.5	456.5	456.5	456.5	456.5	456.5	456.5
456.4	456.4	456.4	456.4	456.5	456.5	456.4
456.4	456.3	456.3	456.3	456.4	456.4	456.4
456.2	456.2	456.2	456.2	456.3	456.3	456.3
456.2	456.2	456.2	456.2	456.3	456.3	456.3
456.1	456.2	456.1	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	456.1	456.1	456.1
456.0	456.0	456.0	456.0	456.1	456.1	456.1
455.9	455.9	455.8	455.8	455.9	455.9	455.9
455.9	455.8	455.8	455.8	455.9	455.9	455.9
455.8	455.8	455.8	455.8	455.8	455.8	455.7
455.7	455.7	455.7	455.7	455.8	455.8	455.7
455.6	455.6	455.6	455.6	455.7	455.7	455.7
455.6	455.6	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.5	455.6	455.6	455.6
455.5	455.5	455.5	455.5	455.5	455.5	455.5
455.5	455.5	455.5	455.5	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.3	455.3	455.3
455.2	455.2	455.2	455.2	455.2	455.2	455.2
455.2	455.1	455.1	455.1	455.2	455.2	455.2
455.1	455.1	455.1	455.1	455.1	455.1	455.1
455.1	455.1	455.1	455.1	455.0	455.0	454.9
454.9	454.8	454.7	454.7	455.0	455.0	454.9
454.6	454.5	454.4	454.4	454.9	454.9	454.9
453.8	453.7	453.6	453.6	454.3	454.1	454.0
453.8	453.7	453.6	453.6	454.1	454.1	454.0
453.4	453.3	453.2	453.2	454.3	454.1	454.0
452.6	452.5	452.4	452.4	453.1	453.0	452.9
452.3	452.2	452.0	452.0	453.1	453.0	452.9
451.5	451.3	451.2	451.2	451.9	451.8	451.7
451.1	451.0	450.9	450.9	451.9	451.8	451.7
450.3	450.2	450.1	450.1	450.8	450.6	450.5
449.9	449.8	449.7	449.7	450.8	450.6	450.5
449.1	449.0	448.9	448.9	449.6	449.5	449.4
448.8	448.7	448.5	448.5	449.6	449.5	449.4
448.0	447.8	447.7	447.7	448.4	448.3	448.2
447.6	447.5	447.4	447.4	448.4	448.3	448.2
446.8	446.7	446.6	446.6	447.3	447.1	447.0
446.4	446.3	446.2	446.2	447.3	447.1	447.0
445.6	445.5	445.4	445.4	447.3	447.1	447.0
445.3	445.2	445.0	445.0	446.1	446.0	445.9
444.5	444.3	444.2	444.2	446.1	446.0	445.9
444.1	444.0	443.9	443.9	444.9	444.8	444.7
443.3	443.2	443.1	443.1	444.9	444.8	444.7
443.3	443.2	443.1	443.1	443.8	443.6	443.5
443.3	443.2	443.1	443.1	443.8	443.6	443.5

## SECTION\_A\_DESIGN\_CASE\_NOD3

READING ON UNIT	INITIAL HEAD FOR LAYER 2 WITH FORMAT: (10G12.5)							
	1	2	3	4	5	6	7	
8	11	12	13	14	15	16	17	
18	21	22	23	24	25	26	27	
28	31	32	33	34	35	36	37	
38	41	42	43	44	45	46	47	
48	51	52	53	54	55	56	57	
58	61	62	63	64	65	66	67	
68	71	72	73	74	75	76	77	
78	81	82	83	84	85	86	87	
88	91	92	93	94	95	96	97	
98	101	102	103	104	105	106	107	
108	111	112	113	114	115	116	117	
118	121	122	123	124	125	126	127	
128	131	132	133	134	135	136	137	
138	141	142	143	144	145	146	147	
148	151	152	153	154	155	156	157	
158	161	162	163	164	165	166	167	
168	171	172	173	174	175	176	177	
178	181	182	183	184	185	186	187	
188	191	192	193	194	195	196	197	
198	201	202	203	204	205	206	207	
208	211	212	213	214	215	216	217	
218	221	222	223	224	225	226	227	
228	231	232	233	234	235	236	237	
238	241	242	243	244	245	246	247	
248	251	252	253	254	255	256	257	
258	261	262	263	264	265	266	267	
268	271	272	273	274	275	276	277	
278	281	282	283	284	285	286	287	
288	291	292	293	294	295	296	297	
298		300						



## SECTION\_A\_DESIGN\_CASE\_NOD3

	301	302	303	304	305	306	307
308	309	310	311	312	313	314	315
318	319	320	321	322	323	324	325
328	329	330	331	332	333	334	335
338	339	340	341	342	343	344	345
348	349	350	351	352	353	354	355
358	359	360	361	362	363	364	365
368	369	370	371	372	373	374	375
378	379	380	381	382	383	384	385
388	389	390	391	392	393	394	395
398	399	400	401	402	403	404	405
408	409	410	411	412	413	414	415
418	419	420	421	422	423	424	425
428	429	430	431	432	433	434	435
438	439	440	441	442	443	444	445
448	449	450	451	452	453	454	455
458	459	460	461	462	463	464	465
468	469	470	471	472	473	474	475
478	479	480	481	482	483	484	485
488	489	490	491	492	493	494	495
498	499	500					

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1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.7	461.7	461.7
	461.8	461.8	461.7	461.7	461.6	461.5	461.5
	461.7	461.7	461.6	461.6	461.6	461.4	461.4
	461.6	461.6	461.5	461.5	461.4	461.4	461.4
	461.5	461.5	461.4	461.4	461.4	461.4	461.4
	461.5	461.4	461.3	461.3	461.2	461.2	461.2
	461.3	461.3	461.3	461.3	461.2	461.2	461.2
	461.3	461.3	461.1	461.1	461.2	461.2	461.2
	461.2	461.1	461.1	461.1	461.1	461.0	461.0
	461.1	461.1	461.0	461.0	461.0	461.0	461.0
	461.0	461.0	460.9	460.9	460.9	460.8	460.8
	460.9	460.9	460.8	460.8	460.9	460.9	460.8
	460.8	460.8	460.7	460.7	460.7	460.7	460.7
	460.8	460.7	460.6	460.6	460.7	460.7	460.7
	460.6	460.6	460.6	460.6	460.5	460.5	460.5
	460.6	460.6	460.5	460.5	460.5	460.5	460.5
	460.5	460.4	460.4	460.4	460.4	460.3	460.3
	460.5	460.4	460.4	460.4	460.4	460.3	460.3
	460.4	460.4	460.2	460.2	460.4	460.3	460.3
	460.3	460.3	460.2	460.2	460.2	460.2	460.1
	460.2	460.2	460.2	460.2	460.2	460.2	460.1
	460.1	460.1	460.1	460.1	460.2	460.1	460.1

SECTION\_A\_DESIGN\_CASE\_NOD3

460.1	460.0	460.0	460.0	460.0	460.0	460.0	459.9
459.9	459.9	459.9	459.9	459.8	459.8	459.8	459.8
459.8	459.7	459.7	459.7	459.7	459.6	459.6	459.6
459.6	459.6	459.5	459.5	459.5	459.5	459.5	459.4
459.4	459.4	459.4	459.4	459.3	459.3	459.3	459.2
459.2	459.2	459.2	459.2	459.1	459.1	459.1	459.1
459.0	459.0	459.0	459.0	459.0	458.9	458.9	458.9
458.9	458.9	458.8	458.8	458.8	458.8	458.7	458.7
458.7	458.7	458.6	458.6	458.6	458.6	458.6	458.5
458.5	458.5	458.5	458.5	458.4	458.4	458.4	458.4
458.3	458.3	458.4	458.4	458.4	458.4	458.4	458.4
458.3	458.3	458.3	458.3	458.3	458.2	458.2	458.2
458.2	458.1	458.3	458.3	458.2	458.2	458.2	458.2
458.1	458.1	458.1	458.1	458.1	458.1	458.0	458.0
458.0	458.0	458.0	458.0	458.0	458.0	458.0	458.0
457.9	457.9	457.9	457.9	457.9	457.9	457.9	457.8
457.8	457.8	457.8	457.8	457.7	457.7	457.7	457.7
457.6	457.6	457.7	457.7	457.7	457.7	457.7	457.7
457.5	457.4	457.6	457.6	457.6	457.6	457.6	457.5
457.5	457.4	457.6	457.6	457.5	457.5	457.5	457.5
457.3	457.3	457.4	457.4	457.4	457.4	457.3	457.3
457.3	457.3	457.3	457.3	457.4	457.4	457.3	457.3
457.2	457.2	457.2	457.2	457.2	457.2	457.1	457.1
457.1	457.1	457.1	457.1	457.2	457.2	457.1	457.1
457.1	457.0	457.0	457.0	457.0	457.0	457.0	457.0
456.9	456.9	456.9	456.9	456.9	456.8	456.8	456.8
456.8	456.7	456.9	456.9	456.8	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.7	456.6	456.6	456.6
456.6	456.6	456.5	456.5	456.5	456.5	456.5	456.4
456.5	456.5	456.5	456.5	456.5	456.5	456.5	456.4
456.4	456.4	456.4	456.4	456.4	456.3	456.3	456.2
456.4	456.3	456.3	456.3	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.2	456.2	456.2	456.2	456.1
456.2	456.2	456.2	456.1	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	456.0	456.0	456.0	456.0
456.0	456.0	456.0	456.0	455.9	455.9	455.9	455.9
455.9	455.9	455.8	455.8	455.8	455.8	455.8	455.7
455.8	455.8	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.7	455.7	455.7	455.6	455.6	455.6	455.5
455.6	455.6	455.6	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.5	455.5	455.5	455.5	455.5
455.5	455.5	455.5	455.4	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.3	455.2	455.2	455.2
455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
455.2	455.1	455.1	455.1	455.1	455.0	455.0	454.9
455.1	455.1	455.1	455.0	455.0	455.0	455.0	454.9
454.9	454.8	454.7	454.7	454.7	454.7	454.7	454.7
454.6	454.5	454.4	454.4	454.3	454.1	454.0	453.9
453.8	453.7	453.6	453.6	453.6	453.6	453.6	453.6
453.4	453.3	453.2	453.2	453.1	453.0	452.9	452.7
452.6	452.5	452.4	452.4	452.4	452.4	452.4	452.4
452.3	452.2	452.2	452.0	451.9	451.8	451.7	451.6
451.5	451.3	451.2	451.2	451.2	451.2	451.2	451.2
451.1	451.0	450.9	450.9	450.8	450.6	450.5	450.4

SECTION_A_DESIGN_CASE_NOD3									
450.3	449.9	450.2	449.8	450.1	449.7	449.6	449.5	449.4	449.2
449.1	448.8	449.0	448.7	448.9	448.5	448.4	448.3	448.2	448.1
448.0	447.6	447.8	447.5	447.7	447.4	447.3	447.1	447.0	446.9
446.8	446.4	446.7	446.3	446.6	446.2	446.1	446.0	445.9	445.7
445.6	445.3	445.5	445.2	445.4	445.0	444.9	444.8	444.7	444.6
444.5	444.1	444.3	444.0	444.2	443.9	443.8	443.6	443.5	443.4
443.3		443.2		443.1					

READING ON UNIT		INITIAL HEAD FOR LAYER 3 WITH FORMAT: (10G12.5)						
1	2	3	4	5	6	7	8	
8	9	10	11	12	13	14	15	
18	19	20	21	22	23	24	25	
28	29	30	31	32	33	34	35	
38	39	40	41	42	43	44	45	
48	49	50	51	52	53	54	55	
58	59	60	61	62	63	64	65	
68	69	70	71	72	73	74	75	
78	79	80	81	82	83	84	85	
88	89	90	91	92	93	94	95	
98	99	100	101	102	103	104	105	
108	109	110	111	112	113	114	115	
118	119	120	121	122	123	124	125	
128	129	130	131	132	133	134	135	
138	139	140	141	142	143	144	145	
148	149	150	151	152	153	154	155	
158	159	160	161	162	163	164	165	
168	169	170	171	172	173	174	175	
178	179	180	181	182	183	184	185	
188	189	190	191	192	193	194	195	
198	199	200	201	202	203	204	205	
208	209	210	211	212	213	214	215	
218	219	220	221	222	223	224	225	
228	229	230						

SECTION\_A\_DESIGN\_CASE\_NOD3

231	232	233	234	235	236	237
238	239	240	241	242	243	244
241	242	243	244	245	246	247
248	249	250	251	252	253	254
251	252	253	254	255	256	257
258	259	260	261	262	263	264
261	262	263	264	265	266	267
268	269	270	271	272	273	274
271	272	273	274	275	276	277
278	279	280	281	282	283	284
281	282	283	284	285	286	287
288	289	290	291	292	293	294
291	292	293	294	295	296	297
298	299	300	301	302	303	304
301	302	303	304	305	306	307
308	309	310	311	312	313	314
311	312	313	314	315	316	317
318	319	320	321	322	323	324
321	322	323	324	325	326	327
328	329	330	331	332	333	334
331	332	333	334	335	336	337
338	339	340	341	342	343	344
341	342	343	344	345	346	347
348	349	350	351	352	353	354
351	352	353	354	355	356	357
358	359	360	361	362	363	364
361	362	363	364	365	366	367
368	369	370	371	372	373	374
371	372	373	374	375	376	377
378	379	380	381	382	383	384
381	382	383	384	385	386	387
388	389	390	391	392	393	394
391	392	393	394	395	396	397
398	399	400	401	402	403	404
401	402	403	404	405	406	407
408	409	410	411	412	413	414
411	412	413	414	415	416	417
418	419	420	421	422	423	424
421	422	423	424	425	426	427
428	429	430	431	432	433	434
431	432	433	434	435	436	437
438	439	440	441	442	443	444
441	442	443	444	445	446	447
448	449	450	451	452	453	454
451	452	453	454	455	456	457
458	459	460	461	462	463	464
461	462	463	464	465	466	467
468	469	470	471	472	473	474
471	472	473	474	475	476	477
478	479	480	481	482	483	484
481	482	483	484	485	486	487
488	489	490	491	492	493	494
491	492	493	494	495	496	497
498	499	500				

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1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8				
	461.8	461.8	461.8	461.8	461.7	461.7	461.7
	461.7	461.7	461.7				
	461.6	461.6	461.6	461.6	461.6	461.5	461.5
	461.5	461.5	461.5				
	461.5	461.4	461.4	461.4	461.4	461.4	461.4
	461.3	461.3	461.3				

SECTION\_A\_DESIGN\_CASE\_NOD3

461.3	461.3	461.3	461.2	461.2	461.2	461.2
461.2	461.1	461.1	461.1	461.1	461.0	461.0
461.1	461.1	461.1	461.1	461.1	461.0	461.0
461.0	461.0	461.0	461.0	460.9	460.9	460.8
460.9	460.9	460.9	460.9	460.9	460.9	460.8
460.8	460.8	460.8	460.8	460.7	460.7	460.7
460.8	460.7	460.7	460.7	460.7	460.7	460.7
460.6	460.6	460.6	460.6	460.6	460.5	460.5
460.6	460.6	460.6	460.5	460.5	460.5	460.5
460.5	460.4	460.4	460.4	460.4	460.3	460.3
460.4	460.4	460.4	460.4	460.4	460.3	460.3
460.3	460.3	460.2	460.2	460.2	460.2	460.1
460.2	460.2	460.2	460.2	460.2	460.2	460.1
460.1	460.1	460.1	460.1	460.0	460.0	460.0
460.1	460.0	460.0	460.0	460.0	460.0	459.9
459.9	459.9	459.9	459.9	459.8	459.8	459.8
459.9	459.9	459.9	459.8	459.8	459.8	459.8
459.8	459.7	459.7	459.7	459.7	459.6	459.6
459.7	459.7	459.7	459.7	459.6	459.6	459.6
459.6	459.6	459.5	459.5	459.5	459.5	459.4
459.5	459.5	459.5	459.5	459.5	459.5	459.4
459.4	459.4	459.4	459.4	459.4	459.4	459.4
459.4	459.3	459.3	459.3	459.3	459.3	459.2
459.3	459.3	459.3	459.3	459.3	459.3	459.2
459.2	459.2	459.2	459.2	459.2	459.1	459.1
459.2	459.2	459.2	459.1	459.1	459.1	459.1
459.0	459.0	459.0	459.0	459.0	458.9	458.9
459.0	459.0	459.0	459.0	458.9	458.9	458.9
458.9	458.9	458.8	458.8	458.8	458.7	458.7
458.8	458.8	458.8	458.8	458.8	458.7	458.7
458.7	458.7	458.7	458.7	458.6	458.6	458.5
458.6	458.6	458.6	458.6	458.6	458.6	458.5
458.5	458.5	458.5	458.5	458.4	458.4	458.4
458.5	458.4	458.4	458.4	458.4	458.4	458.4
458.3	458.3	458.3	458.3	458.3	458.2	458.2
458.3	458.3	458.3	458.3	458.2	458.2	458.2
458.2	458.1	458.1	458.1	458.1	458.0	458.0
458.1	458.1	458.1	458.1	458.1	458.0	458.0
458.0	458.0	458.0	458.0	458.0	458.0	458.0
457.9	457.9	457.9	457.9	457.9	457.9	457.8
457.9	457.9	457.9	457.9	457.9	457.9	457.8
457.8	457.8	457.8	457.8	457.7	457.7	457.7
457.8	457.7	457.7	457.7	457.7	457.7	457.7
457.6	457.6	457.6	457.6	457.6	457.5	457.5
457.6	457.6	457.6	457.5	457.5	457.5	457.5
457.5	457.4	457.4	457.4	457.4	457.3	457.3
457.4	457.4	457.4	457.4	457.4	457.3	457.3
457.3	457.3	457.2	457.2	457.2	457.2	457.1
457.2	457.2	457.2	457.2	457.2	457.2	457.1
457.1	457.1	457.1	457.1	457.1	457.1	457.0
457.1	457.0	457.0	457.0	457.0	457.0	457.0
456.9	456.9	456.9	456.9	456.8	456.8	456.8
456.9	456.9	456.9	456.8	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.6	456.6	456.6
456.7	456.7	456.7	456.7	456.6	456.6	456.6
456.6	456.6	456.5	456.5	456.5	456.5	456.4
456.5	456.5	456.5	456.5	456.5	456.5	456.4
456.4	456.4	456.4	456.4	456.3	456.3	456.2
456.4	456.3	456.3	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.2	456.2	456.2	456.1
456.2	456.2	456.2	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	455.9	455.9	455.9
456.0	456.0	456.0	456.0	455.9	455.9	455.9
455.9	455.9	455.8	455.8	455.8	455.7	455.7
455.8	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.7	455.7	455.7	455.6	455.6	455.5
455.6	455.6	455.6	455.6	455.6	455.6	455.5

SECTION\_A\_DESIGN\_CASE\_NOD3

455.5	455.5	455.5	455.5	455.4	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
455.2	455.1	455.1	455.1	455.0	455.0	455.0	455.0	454.9
454.9	454.8	454.8	454.7	454.7	454.3	454.1	454.0	453.9
453.8	453.7	453.7	453.6	453.6	453.1	453.0	452.9	452.7
452.6	452.5	452.5	452.4	452.4	451.9	451.8	451.7	451.6
451.5	451.3	451.3	451.2	451.2	450.9	450.8	450.6	450.5
450.3	450.2	450.2	450.1	450.1	449.7	449.6	449.5	449.4
449.1	449.0	449.0	448.9	448.9	448.5	448.4	448.3	448.2
448.0	447.8	447.8	447.7	447.7	447.4	447.3	447.1	447.0
446.8	446.7	446.7	446.6	446.6	446.2	446.1	446.0	445.9
445.6	445.5	445.5	445.4	445.4	445.0	444.9	444.8	444.7
444.5	444.3	444.3	444.2	444.2	443.9	443.8	443.6	443.5
443.3	443.2	443.2	443.1	443.1				

READING ON UNIT	INITIAL HEAD FOR LAYER 4 10 WITH FORMAT: (10G12.5)							
1	2	3	4	5	6	7	8	9
8	9	10	11	12	13	14	15	16
18	19	20	21	22	23	24	25	26
28	29	30	31	32	33	34	35	36
38	39	40	41	42	43	44	45	46
48	49	50	51	52	53	54	55	56
58	59	60	61	62	63	64	65	66
68	69	70	71	72	73	74	75	76
78	79	80	81	82	83	84	85	86
88	89	90	91	92	93	94	95	96
98	99	100	101	102	103	104	105	106
108	109	110	111	112	113	114	115	116
118	119	120	121	122	123	124	125	126
128	129	130	131	132	133	134	135	136
138	139	140	141	142	143	144	145	146
148	149	150	151	152	153	154	155	156
158	159	160						

## SECTION\_A\_DESIGN\_CASE\_NOD3

161	162	163	164	165	166	167
168	169	170	173	174	175	176
178	179	180	183	184	185	186
188	189	190	193	194	195	196
198	199	200	203	204	205	206
208	209	210	213	214	215	216
218	219	220	223	224	225	226
228	229	230	233	234	235	236
238	239	240	243	244	245	246
248	249	250	253	254	255	256
258	259	260	263	264	265	266
268	269	270	273	274	275	276
278	279	280	283	284	285	286
288	289	290	293	294	295	296
298	299	300	303	304	305	306
308	309	310	313	314	315	316
318	319	320	323	324	325	326
328	329	330	333	334	335	336
338	339	340	343	344	345	346
348	349	350	353	354	355	356
358	359	360	363	364	365	366
368	369	370	373	374	375	376
378	379	380	383	384	385	386
388	389	390	393	394	395	396
398	399	400	403	404	405	406
408	409	410	413	414	415	416
418	419	420	423	424	425	426
428	429	430	433	434	435	436
438	439	440	443	444	445	446
448	449	450	453	454	455	456
458	459	460	463	464	465	466
468	469	470	473	474	475	476
478	479	480	483	484	485	486
481	482	483	484	485	486	487

## SECTION\_A\_DESIGN\_CASE\_NOD3

488	489	490	493	494	495	496	497
491	492	500					

1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8				
	461.8	461.8	461.8	461.8	461.7	461.7	461.7
	461.7	461.7	461.7				
	461.6	461.6	461.6	461.6	461.6	461.5	461.5
	461.5	461.5	461.5				
	461.5	461.4	461.4	461.4	461.4	461.4	461.4
	461.3	461.3	461.3				
	461.3	461.3	461.3	461.2	461.2	461.2	461.2
	461.2	461.1	461.1				
	461.1	461.1	461.1	461.1	461.0	461.0	461.0
	461.0	461.0	461.0				
	460.9	460.9	460.9	460.9	460.9	460.8	460.8
	460.8	460.8	460.8				
	460.8	460.7	460.7	460.7	460.7	460.7	460.7
	460.6	460.6	460.6				
	460.6	460.6	460.5	460.5	460.5	460.5	460.5
	460.5	460.4	460.4				
	460.4	460.4	460.4	460.4	460.3	460.3	460.3
	460.3	460.3	460.2				
	460.2	460.2	460.2	460.2	460.2	460.1	460.1
	460.1	460.1	460.1				
	460.1	460.0	460.0	460.0	460.0	460.0	459.9
	459.9	459.9	459.9				
	459.9	459.9	459.8	459.8	459.8	459.8	459.8
	459.8	459.7	459.7				
	459.7	459.7	459.7	459.6	459.6	459.6	459.6
	459.6	459.6	459.5				
	459.5	459.5	459.5	459.5	459.5	459.4	459.4
	459.4	459.4	459.4				
	459.3	459.3	459.3	459.3	459.3	459.3	459.2
	459.2	459.2	459.2				
	459.2	459.2	459.1	459.1	459.1	459.1	459.1
	459.0	459.0	459.0				
	459.0	459.0	459.0	458.9	458.9	458.9	458.9
	458.9	458.9	458.8				
	458.8	458.8	458.8	458.8	458.7	458.7	458.7
	458.7	458.7	458.7				
	458.6	458.6	458.6	458.6	458.6	458.6	458.5
	458.5	458.5	458.5				
	458.5	458.4	458.4	458.4	458.4	458.4	458.4
	458.3	458.3	458.3				
	458.3	458.3	458.3	458.2	458.2	458.2	458.2
	458.2	458.1	458.1				
	458.1	458.1	458.1	458.1	458.0	458.0	458.0
	458.0	458.0	458.0				
	457.9	457.9	457.9	457.9	457.9	457.8	457.8
	457.8	457.8	457.8				
	457.8	457.7	457.7	457.7	457.7	457.7	457.7
	457.6	457.6	457.6				
	457.6	457.6	457.5	457.5	457.5	457.5	457.5
	457.5	457.4	457.4				
	457.4	457.4	457.4	457.4	457.3	457.3	457.3
	457.3	457.3	457.2				
	457.2	457.2	457.2	457.2	457.2	457.1	457.1
	457.1	457.1	457.1				
	457.1	457.0	457.0	457.0	457.0	457.0	457.0
	456.9	456.9	456.9				
	456.9	456.9	456.8	456.8	456.8	456.8	456.8



SECTION\_A\_DESIGN\_CASE\_NOD3

456.8	456.7	456.7	456.7	456.7	456.6	456.6	456.6	456.6
456.6	456.7	456.6	456.6	456.5	456.6	456.6	456.6	456.6
456.4	456.5	456.5	456.5	456.5	456.5	456.5	456.4	456.4
456.4	456.4	456.4	456.4	456.4	456.3	456.3	456.3	456.2
456.2	456.4	456.3	456.3	456.3	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.2	456.2	456.1	456.1	456.1	456.1
456.1	456.2	456.2	456.2	456.1	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	456.0	455.9	455.9	455.9	455.9
455.9	456.0	456.0	456.0	455.9	455.9	455.9	455.9	455.9
455.9	455.8	455.8	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.8	455.8	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.7	455.7	455.7	455.7	455.8	455.8	455.7	455.7
455.6	455.6	455.6	455.6	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.5	455.5	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.5	455.4	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.3	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
455.2	455.1	455.1	455.1	455.1	455.2	455.2	455.2	455.2
455.1	455.1	455.1	455.1	455.0	455.0	455.0	455.0	454.9
454.9	454.8	454.8	454.7	454.7	455.0	455.0	455.0	454.9
454.9	454.6	454.5	454.4	454.4	454.3	454.1	454.0	453.9
453.8	453.7	453.7	453.6	453.6	454.3	454.1	454.0	453.9
453.8	453.4	453.3	453.2	453.2	454.3	454.1	454.0	453.9
452.6	452.5	452.5	452.4	452.4	453.1	453.0	452.9	452.7
452.6	452.3	452.2	452.2	452.0	453.1	453.0	452.9	452.7
451.5	451.3	451.3	451.2	451.2	451.9	451.8	451.7	451.6
451.5	451.1	451.0	451.0	450.9	451.9	451.8	451.7	451.6
450.3	450.2	450.2	450.1	450.1	450.8	450.6	450.5	450.4
449.9	449.8	449.8	449.7	449.7	450.8	450.6	450.5	450.4
449.1	449.0	449.0	448.9	448.9	449.6	449.5	449.4	449.2
449.1	448.8	448.7	448.5	448.5	449.6	449.5	449.4	449.2
448.0	447.8	447.7	447.7	447.7	448.4	448.3	448.2	448.1
448.0	447.6	447.5	447.4	447.4	448.4	448.3	448.2	448.1
446.8	446.7	446.6	446.6	446.6	447.3	447.1	447.0	446.9
446.8	446.4	446.3	446.2	446.2	447.3	447.1	447.0	446.9
445.6	445.5	445.4	445.4	445.4	446.1	446.0	445.9	445.7
445.6	445.3	445.2	445.0	445.0	446.1	446.0	445.9	445.7
444.5	444.3	444.2	444.2	444.2	444.9	444.8	444.7	444.6
444.5	444.1	444.0	443.9	443.9	444.9	444.8	444.7	444.6
443.3	443.2	443.1	443.1	443.1	443.8	443.6	443.5	443.4
443.3	443.2	443.2	443.1	443.1	443.8	443.6	443.5	443.4

READING ON UNIT		INITIAL HEAD FOR LAYER 5 WITH FORMAT: (10G12.5)						
	1	2	3	4	5	6	7	
8	11	12	13	14	15	16	17	
18	21	22	23	24	25	26	27	
28	31	32	33	34	35	36	37	
38	41	42	43	44	45	46	47	
48	51	52	53	54	55	56	57	
58	61	62	63	64	65	66	67	
68	71	72	73	74	75	76	77	
78	81	82	83	84	85	86	87	
88	89	90						

## SECTION\_A\_DESIGN\_CASE\_NOD3

91	92	93	94	95	96	97
98	99	100	101	102	103	104
108	109	110	111	112	113	114
118	119	120	121	122	123	124
128	129	130	131	132	133	134
138	139	140	141	142	143	144
148	149	150	151	152	153	154
158	159	160	161	162	163	164
168	169	170	171	172	173	174
178	179	180	181	182	183	184
188	189	190	191	192	193	194
198	199	200	201	202	203	204
208	209	210	211	212	213	214
218	219	220	221	222	223	224
228	229	230	231	232	233	234
238	239	240	241	242	243	244
248	249	250	251	252	253	254
258	259	260	261	262	263	264
268	269	270	271	272	273	274
278	279	280	281	282	283	284
288	289	290	291	292	293	294
298	299	300	301	302	303	304
308	309	310	311	312	313	314
318	319	320	321	322	323	324
328	329	330	331	332	333	334
338	339	340	341	342	343	344
348	349	350	351	352	353	354
358	359	360	361	362	363	364
368	369	370	371	372	373	374
378	379	380	381	382	383	384
388	389	390	391	392	393	394
398	399	400	401	402	403	404
408	409	410	411	412	413	414
					415	416
						417

## SECTION\_A\_DESIGN\_CASE\_NOD3

418		419		420									
	421		422		423		424		425		426		427
428		429		430									
	431		432		433		434		435		436		437
438		439		440									
	441		442		443		444		445		446		447
448		449		450									
	451		452		453		454		455		456		457
458		459		460									
	461		462		463		464		465		466		467
468		469		470									
	471		472		473		474		475		476		477
478		479		480									
	481		482		483		484		485		486		487
488		489		490									
	491		492		493		494		495		496		497
498		499		500									

1	462.0		462.0		462.0		461.9		461.9		461.9		461.9
	461.9		461.9		461.8		461.8		461.7		461.7		461.7
	461.8		461.8		461.8		461.8		461.7		461.7		461.7
	461.7		461.7		461.7		461.7		461.6		461.6		461.6
	461.6		461.6		461.6		461.6		461.6		461.6		461.5
	461.5		461.5		461.5		461.5		461.5		461.5		461.5
	461.5		461.4		461.4		461.4		461.4		461.4		461.4
	461.3		461.3		461.3		461.3		461.4		461.4		461.4
	461.3		461.3		461.3		461.3		461.2		461.2		461.2
	461.2		461.1		461.1		461.1		461.2		461.2		461.2
	461.1		461.1		461.1		461.1		461.1		461.0		461.0
	461.0		461.0		461.0		461.0		461.0		461.0		461.0
	460.9		460.9		460.9		460.9		460.9		460.9		460.8
	460.8		460.8		460.8		460.8		460.9		460.9		460.8
	460.8		460.7		460.7		460.7		460.7		460.7		460.7
	460.6		460.6		460.6		460.6		460.7		460.7		460.7
	460.6		460.6		460.5		460.5		460.7		460.7		460.7
	460.5		460.4		460.4		460.4		460.5		460.5		460.5
	460.4		460.4		460.4		460.4		460.5		460.5		460.5
	460.3		460.3		460.2		460.2		460.3		460.3		460.3
	460.2		460.2		460.2		460.2		460.3		460.3		460.3
	460.1		460.1		460.1		460.1		460.2		460.2		460.1
	460.1		460.0		460.0		460.0		460.2		460.2		460.1
	459.9		459.9		459.9		460.0		460.0		460.0		459.9
	459.9		459.9		459.9		459.8		460.0		460.0		459.9
	459.8		459.7		459.7		459.8		459.8		459.8		459.8
	459.7		459.7		459.7		459.7		459.8		459.8		459.8
	459.6		459.6		459.5		459.7		459.8		459.8		459.8
	459.5		459.5		459.5		459.7		459.6		459.6		459.6
	459.4		459.4		459.4		459.6		459.6		459.6		459.6
	459.3		459.3		459.3		459.5		459.6		459.6		459.6
	459.2		459.2		459.2		459.5		459.5		459.4		459.4
	459.2		459.2		459.1		459.5		459.5		459.4		459.4
	459.0		459.0		459.0		459.4		459.5		459.4		459.4
	459.0		459.0		459.0		459.3		459.5		459.4		459.4
	458.9		458.9		458.8		459.3		459.5		459.4		459.4
	458.8		458.8		458.8		459.3		459.5		459.4		459.4
	458.7		458.7		458.7		459.3		459.5		459.4		459.4
	458.6		458.6		458.6		459.3		459.5		459.4		459.4
	458.5		458.5		458.5		459.3		459.5		459.4		459.4
	458.5		458.4		458.4		459.3		459.5		459.4		459.4
	458.3		458.3		458.3		459.3		459.5		459.4		459.4
	458.3		458.3		458.3		459.3		459.5		459.4		459.4
	458.2		458.1		458.1		459.3		459.5		459.4		459.4
	458.1		458.1		458.1		459.3		459.5		459.4		459.4
							458.1		458.0		458.0		458.0

SECTION\_A\_DESIGN\_CASE\_NOD3

458.0	458.0	458.0	458.0				
457.9	457.9	457.9	457.9	457.9	457.9	457.8	457.8
457.8	457.8	457.8	457.8				
457.8	457.7	457.7	457.7	457.7	457.7	457.7	457.7
457.6	457.6	457.6	457.6				
457.6	457.6	457.6	457.5	457.5	457.5	457.5	457.5
457.5	457.4	457.4	457.4	457.4	457.3	457.3	457.3
457.4	457.4	457.4	457.4				
457.3	457.3	457.2	457.2	457.2	457.2	457.1	457.1
457.2	457.2	457.2	457.2				
457.1	457.1	457.1	457.1				
457.1	457.0	457.0	457.0	457.0	457.0	457.0	457.0
456.9	456.9	456.9	456.9				
456.9	456.9	456.9	456.8	456.8	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.7	456.6	456.6	456.6
456.7	456.7	456.7	456.7				
456.6	456.6	456.5	456.5	456.5	456.5	456.4	456.4
456.5	456.5	456.5	456.5				
456.4	456.4	456.4	456.4	456.4	456.3	456.3	456.2
456.4	456.3	456.3	456.3	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.2				
456.2	456.2	456.2	456.1	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	456.0	456.1	456.1	456.1
456.0	456.0	456.0	456.0	455.9	455.9	455.9	455.9
455.9	455.9	455.8	455.8	455.8	455.8	455.7	455.7
455.8	455.8	455.8	455.8				
455.7	455.7	455.7	455.7	455.7	455.6	455.6	455.6
455.6	455.6	455.6	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.5				
455.5	455.5	455.5	455.4	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.3	455.2	455.2	455.2
455.3	455.3	455.3	455.3				
455.2	455.1	455.1	455.1	455.1	455.2	455.2	455.2
455.1	455.1	455.1	455.0	455.0	455.0	455.0	454.9
454.9	454.8	454.7	454.7	454.7	454.3	454.1	453.9
454.6	454.5	454.4	454.4	454.3	454.1	454.0	453.9
453.8	453.7	453.6	453.6	453.6	453.1	452.9	452.7
453.4	453.3	453.2	453.2	453.1	453.0	452.9	452.7
452.6	452.5	452.4	452.4				
452.3	452.2	452.0	452.0	451.9	451.8	451.7	451.6
451.5	451.3	451.2	451.2				
451.1	451.0	450.9	450.9	450.8	450.6	450.5	450.4
450.3	450.2	450.1	450.1				
449.9	449.8	449.7	449.7	449.6	449.5	449.4	449.2
449.1	449.0	448.9	448.9				
448.8	448.7	448.5	448.5	448.4	448.3	448.2	448.1
448.0	447.8	447.7	447.7				
447.6	447.5	447.4	447.4	447.3	447.1	447.0	446.9
446.8	446.7	446.6	446.6				
446.4	446.3	446.2	446.2	446.1	446.0	445.9	445.7
445.6	445.5	445.4	445.4				
445.3	445.2	445.0	445.0	444.9	444.8	444.7	444.6
444.5	444.3	444.2	444.2				
444.1	444.0	443.9	443.9	443.8	443.6	443.5	443.4
443.3	443.2	443.1	443.1				

READING ON UNIT		INITIAL HEAD FOR LAYER 6 WITH FORMAT: (10G12.5)						
1	2	3	4	5	6	7	8	
11	12	13	14	15	16	17	18	
18	19	20						

## SECTION\_A\_DESIGN\_CASE\_NOD3

	21	22	23	24	25	26	27
28	31	32	30	33	34	35	36
38	41	42	40	43	44	45	46
48	51	52	50	53	54	55	56
58	61	62	60	63	64	65	66
68	71	72	70	73	74	75	76
78	81	82	80	83	84	85	86
88	91	92	90	93	94	95	96
98	101	102	100	103	104	105	106
108	111	112	110	113	114	115	116
118	121	122	120	123	124	125	126
128	131	132	130	133	134	135	136
138	141	142	140	143	144	145	146
148	151	152	150	153	154	155	156
158	161	162	160	163	164	165	166
168	171	172	170	173	174	175	176
178	181	182	180	183	184	185	186
188	191	192	190	193	194	195	196
198	201	202	200	203	204	205	206
208	211	212	210	213	214	215	216
218	221	222	220	223	224	225	226
228	231	232	230	233	234	235	236
238	241	242	240	243	244	245	246
248	251	252	250	253	254	255	256
258	261	262	260	263	264	265	266
268	271	272	270	273	274	275	276
278	281	282	280	283	284	285	286
288	291	292	290	293	294	295	296
298	301	302	300	303	304	305	306
308	311	312	310	313	314	315	316
318	321	322	320	323	324	325	326
328	331	332	330	333	334	335	336
338	341	342	340	343	344	345	346

SECTION\_A\_DESIGN\_CASE\_NOD3

348		349		350					
	351		352		353		354		355
358		359		360					356
	361		362		363		364		365
368		369		370					366
	371		372		373		374		375
378		379		380					376
	381		382		383		384		385
388		389		390					386
	391		392		393		394		395
398		399		400					396
	401		402		403		404		405
408		409		410					406
	411		412		413		414		415
418		419		420					416
	421		422		423		424		425
428		429		430					426
	431		432		433		434		435
438		439		440					436
	441		442		443		444		445
448		449		450					446
	451		452		453		454		455
458		459		460					456
	461		462		463		464		465
468		469		470					466
	471		472		473		474		475
478		479		480					476
	481		482		483		484		485
488		489		490					486
	491		492		493		494		495
498		499		500					496

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1	462.0		462.0		462.0		461.9		461.9		461.9		461.9
	461.9		461.9		461.8		461.8		461.7		461.7		461.7
	461.8		461.8		461.7		461.7		461.6		461.6		461.5
	461.7		461.7		461.6		461.6		461.5		461.5		461.4
	461.6		461.6		461.5		461.5		461.4		461.4		461.4
	461.5		461.5		461.4		461.4		461.3		461.3		461.2
	461.5		461.4		461.3		461.3		461.2		461.2		461.2
	461.3		461.3		461.3		461.3		461.2		461.2		461.2
	461.2		461.1		461.1		461.1		461.1		461.0		461.0
	461.1		461.1		461.1		461.1		461.0		461.0		461.0
	461.0		461.0		461.0		460.9		460.9		460.8		460.8
	460.9		460.9		460.9		460.9		460.9		460.8		460.8
	460.8		460.8		460.8		460.8		460.7		460.7		460.7
	460.8		460.7		460.7		460.7		460.7		460.7		460.7
	460.6		460.6		460.6		460.6		460.5		460.5		460.5
	460.6		460.6		460.5		460.5		460.5		460.5		460.5
	460.5		460.4		460.4		460.4		460.4		460.3		460.3
	460.4		460.4		460.4		460.4		460.3		460.3		460.3
	460.3		460.3		460.2		460.2		460.2		460.1		460.1
	460.2		460.2		460.2		460.2		460.2		460.1		460.1
	460.1		460.1		460.1		460.1		460.0		460.0		459.9
	460.1		460.0		460.0		460.0		460.0		460.0		459.9
	459.9		459.9		459.9		459.8		459.8		459.8		459.8
	459.9		459.9		459.8		459.8		459.8		459.8		459.8
	459.8		459.7		459.7		459.7		459.6		459.6		459.6
	459.7		459.7		459.7		459.6		459.6		459.6		459.6
	459.6		459.6		459.5		459.5		459.5		459.4		459.4
	459.5		459.5		459.5		459.5		459.5		459.4		459.4
	459.4		459.4		459.4		459.3		459.3		459.3		459.2
	459.3		459.3		459.3		459.3		459.3		459.3		459.2



			SECTION_A_DESIGN_CASE_NOD3				
445.3	445.2	445.0	444.9	444.8	444.7	444.6	
444.5	444.3	444.2					
444.1	444.0	443.9	443.8	443.6	443.5	443.4	
443.3	443.2	443.1					

READING ON UNIT		INITIAL HEAD FOR LAYER 7					WITH FORMAT: (10G12.5)	
1	2	3	4	5	6	7		
8	9	10	11	12	13	14	15	
18	19	20	21	22	23	24	25	
28	29	30	31	32	33	34	35	
38	39	40	41	42	43	44	45	
48	49	50	51	52	53	54	55	
58	59	60	61	62	63	64	65	
68	69	70	71	72	73	74	75	
78	79	80	81	82	83	84	85	
88	89	90	91	92	93	94	95	
98	99	100	101	102	103	104	105	
108	109	110	111	112	113	114	115	
118	119	120	121	122	123	124	125	
128	129	130	131	132	133	134	135	
138	139	140	141	142	143	144	145	
148	149	150	151	152	153	154	155	
158	159	160	161	162	163	164	165	
168	169	170	171	172	173	174	175	
178	179	180	181	182	183	184	185	
188	189	190	191	192	193	194	195	
198	199	200	201	202	203	204	205	
208	209	210	211	212	213	214	215	
218	219	220	221	222	223	224	225	
228	229	230	231	232	233	234	235	
238	239	240	241	242	243	244	245	
248	249	250	251	252	253	254	255	
258	259	260	261	262	263	264	265	
268	269	270	271	272	273	274	275	
							276	
							277	



## SECTION\_A\_DESIGN\_CASE\_NOD3

278	279	280	281	282	283	284	285	286	287
288	289	290	291	292	293	294	295	296	297
298	299	300	301	302	303	304	305	306	307
308	309	310	311	312	313	314	315	316	317
318	319	320	321	322	323	324	325	326	327
328	329	330	331	332	333	334	335	336	337
338	339	340	341	342	343	344	345	346	347
348	349	350	351	352	353	354	355	356	357
358	359	360	361	362	363	364	365	366	367
368	369	370	371	372	373	374	375	376	377
378	379	380	381	382	383	384	385	386	387
388	389	390	391	392	393	394	395	396	397
398	399	400	401	402	403	404	405	406	407
408	409	410	411	412	413	414	415	416	417
418	419	420	421	422	423	424	425	426	427
428	429	430	431	432	433	434	435	436	437
438	439	440	441	442	443	444	445	446	447
448	449	450	451	452	453	454	455	456	457
458	459	460	461	462	463	464	465	466	467
468	469	470	471	472	473	474	475	476	477
478	479	480	481	482	483	484	485	486	487
488	489	490	491	492	493	494	495	496	497
498	499	500							

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1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8				
	461.8	461.8	461.8	461.8	461.7	461.7	461.7
	461.7	461.7	461.7				
	461.6	461.6	461.6	461.6	461.6	461.5	461.5
	461.5	461.5	461.5				
	461.5	461.4	461.4	461.4	461.4	461.4	461.4
	461.3	461.3	461.3				
	461.3	461.3	461.3	461.2	461.2	461.2	461.2
	461.2	461.1	461.1				
	461.1	461.1	461.1	461.1	461.0	461.0	461.0
	461.0	461.0	461.0				
	460.9	460.9	460.9	460.9	460.9	460.8	460.8
	460.8	460.8	460.8				
	460.8	460.7	460.7	460.7	460.7	460.7	460.7
	460.6	460.6	460.6				
	460.6	460.6	460.5	460.5	460.5	460.5	460.5



SECTION_A_DESIGN_CASE_NOD3							
453.4	453.3	453.2	453.1	453.0	452.9	452.7	
452.6	452.5	452.4	452.0	451.9	451.8	451.6	
451.5	451.3	451.2	450.9	450.8	450.6	450.4	
450.3	450.2	450.1	449.7	449.6	449.5	449.2	
449.1	449.0	448.9	448.5	448.4	448.3	448.1	
448.0	447.8	447.7	447.4	447.3	447.1	446.9	
446.8	446.7	446.6	446.2	446.1	446.0	445.7	
445.6	445.5	445.4	445.0	444.9	444.8	444.6	
444.5	444.3	444.2	443.9	443.8	443.6	443.4	
443.3	443.2	443.1					

READING ON UNIT	INITIAL HEAD FOR LAYER 8 WITH FORMAT: (10G12.5)						
10	1	2	3	4	5	6	7
8	9	10	11	12	13	14	15
18	19	20	21	22	23	24	25
28	29	30	31	32	33	34	35
38	39	40	41	42	43	44	45
48	49	50	51	52	53	54	55
58	59	60	61	62	63	64	65
68	69	70	71	72	73	74	75
78	79	80	81	82	83	84	85
88	89	90	91	92	93	94	95
98	99	100	101	102	103	104	105
108	109	110	111	112	113	114	115
118	119	120	121	122	123	124	125
128	129	130	131	132	133	134	135
138	139	140	141	142	143	144	145
148	149	150	151	152	153	154	155
158	159	160	161	162	163	164	165
168	169	170	171	172	173	174	175
178	179	180	181	182	183	184	185
188	189	190	191	192	193	194	195
198	199	200	201	202	203	204	205

SECTION\_A\_DESIGN\_CASE\_NOD3

208		209		210															
	211		212		213		214		215		216		217						
218		219		220		221		222		223		224		225		226		227	
	221		222		223		224		225		226		227		228		229		230
228		229		230		231		232		233		234		235		236		237	
	231		232		233		234		235		236		237		238		239		240
238		239		240		241		242		243		244		245		246		247	
	241		242		243		244		245		246		247		248		249		250
248		249		250		251		252		253		254		255		256		257	
	251		252		253		254		255		256		257		258		259		260
258		259		260		261		262		263		264		265		266		267	
	261		262		263		264		265		266		267		268		269		270
268		269		270		271		272		273		274		275		276		277	
	271		272		273		274		275		276		277		278		279		280
278		279		280		281		282		283		284		285		286		287	
	281		282		283		284		285		286		287		288		289		290
288		289		290		291		292		293		294		295		296		297	
	291		292		293		294		295		296		297		298		299		300
298		299		300		301		302		303		304		305		306		307	
	301		302		303		304		305		306		307		308		309		310
308		309		310		311		312		313		314		315		316		317	
	311		312		313		314		315		316		317		318		319		320
318		319		320		321		322		323		324		325		326		327	
	321		322		323		324		325		326		327		328		329		330
328		329		330		331		332		333		334		335		336		337	
	331		332		333		334		335		336		337		338		339		340
338		339		340		341		342		343		344		345		346		347	
	341		342		343		344		345		346		347		348		349		350
348		349		350		351		352		353		354		355		356		357	
	351		352		353		354		355		356		357		358		359		360
358		359		360		361		362		363		364		365		366		367	
	361		362		363		364		365		366		367		368		369		370
368		369		370		371		372		373		374		375		376		377	
	371		372		373		374		375		376		377		378		379		380
378		379		380		381		382		383		384		385		386		387	
	381		382		383		384		385		386		387		388		389		390
388		389		390		391		392		393		394		395		396		397	
	391		392		393		394		395		396		397		398		399		400
398		399		400		401		402		403		404		405		406		407	
	401		402		403		404		405		406		407		408		409		410
408		409		410		411		412		413		414		415		416		417	
	411		412		413		414		415		416		417		418		419		420
418		419		420		421		422		423		424		425		426		427	
	421		422		423		424		425		426		427		428		429		430
428		429		430		431		432		433		434		435		436		437	
	431		432		433		434		435		436		437		438		439		440
438		439		440		441		442		443		444		445		446		447	
	441		442		443		444		445		446		447		448		449		450
448		449		450		451		452		453		454		455		456		457	
	451		452		453		454		455		456		457		458		459		460
458		459		460		461		462		463		464		465		466		467	
	461		462		463		464		465		466		467		468		469		470
468		469		470		471		472		473		474		475		476		477	
	471		472		473		474		475		476		477		478		479		480
478		479		480		481		482		483		484		485		486		487	
	481		482		483		484		485		486		487		488		489		490
488		489		490		491		492		493		494		495		496		497	
	491		492		493		494		495		496		497		498		499		500

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1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.8	461.7	461.7
	461.8	461.8	461.8	461.8	461.7	461.7	461.7

## SECTION\_A\_DESIGN\_CASE\_NOD3

461.7	461.7	461.7	461.7				
461.5	461.6	461.6	461.6	461.6	461.6	461.5	461.5
461.3	461.5	461.4	461.4	461.4	461.4	461.4	461.4
461.2	461.3	461.3	461.3	461.2	461.2	461.2	461.2
461.0	461.1	461.1	461.1	461.1	461.0	461.0	461.0
460.8	460.9	460.9	460.9	460.9	460.9	460.8	460.8
460.6	460.8	460.7	460.7	460.7	460.7	460.7	460.7
460.5	460.6	460.6	460.5	460.5	460.5	460.5	460.5
460.3	460.4	460.4	460.4	460.4	460.3	460.3	460.3
460.1	460.2	460.2	460.2	460.2	460.2	460.1	460.1
459.9	460.1	460.0	460.0	460.0	460.0	460.0	459.9
459.8	459.9	459.9	459.8	459.8	459.8	459.8	459.8
459.6	459.7	459.7	459.7	459.6	459.6	459.6	459.6
459.4	459.6	459.5	459.5	459.5	459.5	459.4	459.4
459.2	459.3	459.3	459.3	459.3	459.3	459.3	459.2
459.0	459.2	459.2	459.1	459.1	459.1	459.1	459.1
458.9	459.0	459.0	459.0	458.9	458.9	458.9	458.9
458.7	458.8	458.8	458.8	458.8	458.7	458.7	458.7
458.5	458.6	458.6	458.6	458.6	458.6	458.6	458.5
458.3	458.5	458.4	458.4	458.4	458.4	458.4	458.4
458.2	458.3	458.3	458.3	458.2	458.2	458.2	458.2
458.0	458.1	458.1	458.1	458.1	458.0	458.0	458.0
457.8	457.9	457.9	457.9	457.9	457.9	457.8	457.8
457.6	457.8	457.7	457.7	457.7	457.7	457.7	457.7
457.5	457.6	457.6	457.5	457.5	457.5	457.5	457.5
457.3	457.4	457.4	457.4	457.4	457.3	457.3	457.3
457.1	457.2	457.2	457.2	457.2	457.2	457.1	457.1
456.9	457.1	457.0	457.0	457.0	457.0	457.0	457.0
456.8	456.9	456.9	456.8	456.8	456.8	456.8	456.8
456.6	456.7	456.7	456.7	456.6	456.6	456.6	456.6
456.4	456.6	456.5	456.5	456.5	456.5	456.4	456.4
456.2	456.4	456.3	456.3	456.3	456.3	456.3	456.2
456.1	456.2	456.2	456.1	456.1	456.1	456.1	456.1
	456.0	456.0	456.0				

SECTION_A_DESIGN_CASE_NOD3							
456.0	456.0	456.0	455.9	455.9	455.9	455.9	455.9
455.9	455.9	455.8	455.8	455.8	455.8	455.7	455.7
455.8	455.8	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.7	455.7	455.7	455.7	455.6	455.6	455.5
455.6	455.6	455.6	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.5	455.4	455.4	455.4	455.4
455.5	455.5	455.5	455.4	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
455.2	455.1	455.1	455.1	455.0	455.0	455.0	454.9
455.1	455.1	455.1	455.0	455.0	455.0	455.0	454.9
454.9	454.8	454.7	454.7	454.7	454.7	454.7	454.7
454.6	454.5	454.4	454.4	454.3	454.1	454.0	453.9
453.8	453.7	453.6	453.6	453.6	453.6	453.6	453.6
453.4	453.3	453.2	453.2	453.1	453.0	452.9	452.7
452.6	452.5	452.4	452.4	452.4	452.4	452.4	452.4
452.3	452.2	452.2	452.0	451.9	451.8	451.7	451.6
451.5	451.3	451.2	451.2	451.2	451.2	451.2	451.2
451.1	451.0	450.9	450.9	450.8	450.6	450.5	450.4
450.3	450.2	450.1	450.1	450.1	450.1	450.1	450.1
449.9	449.8	449.7	449.7	449.6	449.5	449.4	449.2
449.1	449.0	448.9	448.9	448.9	448.9	448.9	448.9
448.8	448.7	448.5	448.5	448.4	448.3	448.2	448.1
448.0	447.8	447.7	447.7	447.7	447.7	447.7	447.7
447.6	447.5	447.4	447.4	447.3	447.1	447.0	446.9
446.8	446.7	446.6	446.6	446.6	446.6	446.6	446.6
446.4	446.3	446.2	446.2	446.1	446.0	445.9	445.7
445.6	445.5	445.4	445.4	445.4	445.4	445.4	445.4
445.3	445.2	445.0	445.0	444.9	444.8	444.7	444.6
444.5	444.3	444.2	444.2	444.2	444.2	444.2	444.2
444.1	444.0	443.9	443.9	443.8	443.6	443.5	443.4
443.3	443.2	443.1	443.1	443.1	443.1	443.1	443.1

READING ON UNIT	INITIAL HEAD FOR LAYER 9 10 WITH FORMAT: (10G12.5)							
1	2	3	4	5	6	7	8	9
8	9	10	11	12	13	14	15	16
18	19	20	21	22	23	24	25	26
28	29	30	31	32	33	34	35	36
38	39	40	41	42	43	44	45	46
48	49	50	51	52	53	54	55	56
58	59	60	61	62	63	64	65	66
68	69	70	71	72	73	74	75	76
78	79	80	81	82	83	84	85	86
88	89	90	91	92	93	94	95	96
98	99	100	101	102	103	104	105	106
108	109	110	111	112	113	114	115	116
118	119	120	121	122	123	124	125	126
128	129	130	131	132	133	134	135	136
131	132	133	134	135	136	137	138	139

## SECTION\_A\_DESIGN\_CASE\_NOD3

138		139	140					
148	141	149	142	143	144	145	146	147
158	151	159	152	153	154	155	156	157
168	161	169	162	163	164	165	166	167
178	171	179	172	173	174	175	176	177
188	181	189	182	183	184	185	186	187
198	191	199	192	193	194	195	196	197
208	201	209	202	203	204	205	206	207
218	211	219	212	213	214	215	216	217
228	221	229	222	223	224	225	226	227
238	231	239	232	233	234	235	236	237
248	241	249	242	243	244	245	246	247
258	251	259	252	253	254	255	256	257
268	261	269	262	263	264	265	266	267
278	271	279	272	273	274	275	276	277
288	281	289	282	283	284	285	286	287
298	291	299	292	293	294	295	296	297
308	301	309	302	303	304	305	306	307
318	311	319	312	313	314	315	316	317
328	321	329	322	323	324	325	326	327
338	331	339	332	333	334	335	336	337
348	341	349	342	343	344	345	346	347
358	351	359	352	353	354	355	356	357
368	361	369	362	363	364	365	366	367
378	371	379	372	373	374	375	376	377
388	381	389	382	383	384	385	386	387
398	391	399	392	393	394	395	396	397
408	401	409	402	403	404	405	406	407
418	411	419	412	413	414	415	416	417
428	421	429	422	423	424	425	426	427
438	431	439	432	433	434	435	436	437
448	441	449	442	443	444	445	446	447
458	451	459	452	453	454	455	456	457
			460					

## SECTION\_A\_DESIGN\_CASE\_NOD3

461	462	463	464	465	466	467
468	469	470	473	474	475	476
478	479	480	483	484	485	486
488	489	490	493	494	495	496
498	499	500				

1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.7	461.7	461.7
	461.8	461.8	461.8	461.8	461.7	461.7	461.7
	461.7	461.7	461.7	461.7	461.6	461.6	461.6
	461.6	461.6	461.6	461.6	461.6	461.6	461.5
	461.5	461.5	461.5	461.5	461.6	461.6	461.5
	461.5	461.4	461.4	461.4	461.4	461.4	461.4
	461.3	461.3	461.3	461.3	461.4	461.4	461.4
	461.3	461.3	461.3	461.3	461.2	461.2	461.2
	461.2	461.1	461.1	461.1	461.2	461.2	461.2
	461.1	461.1	461.1	461.1	461.1	461.0	461.0
	461.0	461.0	461.0	461.0	461.0	461.0	461.0
	460.9	460.9	460.9	460.9	460.9	460.9	460.8
	460.8	460.8	460.8	460.8	460.9	460.9	460.8
	460.8	460.7	460.7	460.7	460.7	460.7	460.7
	460.6	460.6	460.6	460.6	460.7	460.7	460.7
	460.6	460.6	460.5	460.5	460.7	460.7	460.7
	460.5	460.4	460.4	460.4	460.5	460.5	460.5
	460.4	460.4	460.4	460.4	460.5	460.5	460.5
	460.3	460.3	460.2	460.2	460.4	460.3	460.3
	460.2	460.2	460.2	460.2	460.3	460.3	460.3
	460.1	460.1	460.1	460.1	460.2	460.2	460.1
	460.1	460.0	460.0	460.0	460.2	460.1	460.1
	459.9	459.9	459.9	460.0	460.0	460.0	459.9
	459.9	459.9	459.9	459.9	460.0	460.0	460.0
	459.9	459.9	459.8	459.8	459.8	459.8	459.8
	459.8	459.7	459.7	459.7	459.8	459.8	459.8
	459.7	459.7	459.7	459.7	459.7	459.6	459.6
	459.6	459.6	459.5	459.5	459.6	459.6	459.6
	459.5	459.5	459.5	459.5	459.6	459.6	459.6
	459.4	459.4	459.4	459.5	459.5	459.5	459.4
	459.3	459.3	459.3	459.4	459.5	459.4	459.4
	459.2	459.3	459.3	459.3	459.3	459.3	459.2
	459.2	459.2	459.2	459.3	459.3	459.3	459.2
	459.2	459.2	459.1	459.1	459.3	459.3	459.2
	459.0	459.0	459.0	459.1	459.1	459.1	459.1
	459.0	459.0	459.0	459.0	459.1	459.1	459.1
	458.9	459.0	459.0	458.9	459.0	458.9	458.9
	458.9	458.9	458.8	458.9	458.9	458.9	458.9
	458.8	458.8	458.8	458.8	458.9	458.9	458.9
	458.7	458.7	458.7	458.8	458.7	458.7	458.7
	458.6	458.6	458.6	458.8	458.7	458.7	458.7
	458.5	458.6	458.6	458.6	458.7	458.6	458.6
	458.5	458.5	458.5	458.6	458.6	458.6	458.5
	458.5	458.4	458.4	458.4	458.6	458.6	458.5
	458.3	458.4	458.4	458.4	458.4	458.4	458.4
	458.3	458.3	458.3	458.4	458.4	458.4	458.4
	458.3	458.3	458.3	458.3	458.4	458.4	458.4
	458.2	458.3	458.3	458.2	458.4	458.4	458.4
	458.2	458.1	458.1	458.2	458.2	458.2	458.2
	458.1	458.1	458.1	458.2	458.2	458.2	458.2
	458.0	458.1	458.1	458.1	458.2	458.2	458.2
	458.0	458.0	458.0	458.1	458.0	458.0	458.0
	457.9	458.0	458.0	458.1	458.0	458.0	458.0
	457.8	457.9	457.9	457.9	458.0	458.0	458.0
	457.8	457.8	457.8	457.9	457.9	457.9	457.8
	457.8	457.7	457.7	457.9	457.9	457.8	457.8
	457.6	457.6	457.6	457.7	457.7	457.7	457.7
	457.6	457.6	457.6	457.7	457.7	457.7	457.7
	457.6	457.6	457.5	457.7	457.7	457.7	457.7
	457.5	457.6	457.5	457.5	457.5	457.5	457.5
	457.5	457.4	457.4	457.5	457.5	457.5	457.5
	457.4	457.4	457.4	457.4	457.5	457.5	457.5
	457.3	457.4	457.4	457.4	457.3	457.3	457.3
	457.3	457.3	457.2	457.3	457.3	457.3	457.3



SECTION\_A\_DESIGN\_CASE\_NOD3

457.2	457.2	457.2	457.2	457.2	457.2	457.1	457.1
457.1	457.1	457.1	457.1	457.0	457.0	457.0	457.0
456.9	456.9	456.9	456.9	456.8	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.7	456.6	456.6	456.6
456.6	456.6	456.6	456.5	456.5	456.5	456.5	456.4
456.5	456.5	456.5	456.5	456.5	456.5	456.5	456.4
456.4	456.4	456.4	456.4	456.3	456.3	456.3	456.2
456.4	456.4	456.3	456.3	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.2	456.2	456.2	456.2	456.2
456.2	456.2	456.2	456.1	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	456.0	455.9	455.9	455.9
456.0	456.0	456.0	456.0	455.9	455.9	455.9	455.9
455.9	455.9	455.8	455.8	455.8	455.8	455.7	455.7
455.8	455.8	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.7	455.7	455.7	455.7	455.6	455.6	455.5
455.6	455.6	455.6	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.5	455.4	455.4	455.4	455.4
455.5	455.5	455.5	455.4	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.3	455.2	455.2	455.2
455.3	455.3	455.3	455.3	455.3	455.2	455.2	455.2
455.2	455.1	455.1	455.1	455.0	455.0	455.0	454.9
455.1	455.1	455.1	455.0	455.0	455.0	455.0	454.9
454.9	454.8	454.7	454.7	454.4	454.3	454.1	453.9
454.6	454.5	454.5	454.4	454.4	454.3	454.1	453.9
453.8	453.7	453.6	453.6	453.4	453.3	453.0	452.7
453.4	453.3	453.2	453.2	453.1	453.0	452.9	452.7
452.6	452.5	452.4	452.4	452.0	451.9	451.7	451.6
452.3	452.2	452.0	452.0	451.9	451.8	451.7	451.6
451.5	451.3	451.2	451.2	450.9	450.8	450.5	450.4
451.1	451.0	450.9	450.9	450.8	450.6	450.5	450.4
450.3	450.2	450.1	450.1	449.9	449.6	449.5	449.2
449.9	449.8	449.7	449.7	449.6	449.6	449.5	449.2
449.1	449.0	448.9	448.9	448.5	448.4	448.3	448.1
448.8	448.7	448.5	448.5	448.4	448.4	448.3	448.1
448.0	447.8	447.7	447.7	447.4	447.3	447.1	446.9
447.6	447.5	447.4	447.4	447.3	447.3	447.1	446.9
446.8	446.7	446.6	446.6	446.2	446.1	446.0	445.7
446.4	446.3	446.2	446.2	446.1	446.0	446.0	445.7
445.6	445.5	445.4	445.4	445.0	444.9	444.8	444.6
445.3	445.2	445.0	445.0	444.9	444.9	444.8	444.6
444.5	444.3	444.2	444.2	443.9	443.8	443.6	443.4
444.1	444.0	443.9	443.9	443.8	443.8	443.6	443.4
443.3	443.2	443.1	443.1	443.1	443.1	443.1	443.1

READING ON UNIT	INITIAL HEAD FOR LAYER 10 WITH FORMAT: (10G12.5)						
1	2	3	4	5	6	7	
8	9	10	11	12	13	14	15
18	19	20	21	22	23	24	25
28	29	30	31	32	33	34	35
38	39	40	41	42	43	44	45
48	49	50	51	52	53	54	55
58	59	60	61	62	63	64	65
	61	62	63	64	65	66	67

## SECTION\_A\_DESIGN\_CASE\_NOD3

68		69		70					
	71		72		73		74		75
78		79		80					76
	81		82		83		84		85
88		89		90					86
	91		92		93		94		95
98		99		100					96
	101		102		103		104		105
108		109		110					106
	111		112		113		114		115
118		119		120					116
	121		122		123		124		125
128		129		130					126
	131		132		133		134		135
138		139		140					136
	141		142		143		144		145
148		149		150					146
	151		152		153		154		155
158		159		160					156
	161		162		163		164		165
168		169		170					166
	171		172		173		174		175
178		179		180					176
	181		182		183		184		185
188		189		190					186
	191		192		193		194		195
198		199		200					196
	201		202		203		204		205
208		209		210					206
	211		212		213		214		215
218		219		220					216
	221		222		223		224		225
228		229		230					226
	231		232		233		234		235
238		239		240					236
	241		242		243		244		245
248		249		250					246
	251		252		253		254		255
258		259		260					256
	261		262		263		264		265
268		269		270					266
	271		272		273		274		275
278		279		280					276
	281		282		283		284		285
288		289		290					286
	291		292		293		294		295
298		299		300					296
	301		302		303		304		305
308		309		310					306
	311		312		313		314		315
318		319		320					316
	321		322		323		324		325
328		329		330					326
	331		332		333		334		335
338		339		340					336
	341		342		343		344		345
348		349		350					346
	351		352		353		354		355
358		359		360					356
	361		362		363		364		365
368		369		370					366
	371		372		373		374		375
378		379		380					376
	381		382		383		384		385
388		389		390					386

## SECTION\_A\_DESIGN\_CASE\_NOD3

	391	392	393	394	395	396	397
398	401	402	400	403	404	405	406
408	411	412	410	413	414	415	416
418	421	422	420	423	424	425	426
428	431	432	430	433	434	435	436
438	441	442	440	443	444	445	446
448	451	452	450	453	454	455	456
458	461	462	460	463	464	465	466
468	471	472	470	473	474	475	476
478	481	482	480	483	484	485	486
488	491	492	490	493	494	495	496
498	499	500					

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1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.7	461.7	461.7
	461.8	461.8	461.8	461.8	461.7	461.7	461.7
	461.7	461.7	461.7	461.7	461.6	461.5	461.5
	461.6	461.6	461.6	461.6	461.6	461.5	461.5
	461.5	461.5	461.5	461.5	461.4	461.4	461.4
	461.5	461.4	461.4	461.4	461.4	461.4	461.4
	461.3	461.3	461.3	461.3	461.4	461.4	461.4
	461.3	461.3	461.3	461.3	461.2	461.2	461.2
	461.2	461.1	461.1	461.1	461.2	461.2	461.2
	461.1	461.1	461.1	461.1	461.0	461.0	461.0
	461.0	461.0	461.0	461.0	461.0	461.0	461.0
	460.9	460.9	460.9	460.9	460.9	460.8	460.8
	460.8	460.8	460.8	460.8	460.9	460.8	460.8
	460.8	460.7	460.7	460.7	460.7	460.7	460.7
	460.6	460.6	460.6	460.6	460.7	460.7	460.7
	460.6	460.6	460.5	460.5	460.5	460.5	460.5
	460.5	460.4	460.4	460.4	460.5	460.5	460.5
	460.4	460.4	460.4	460.4	460.3	460.3	460.3
	460.3	460.3	460.2	460.2	460.4	460.3	460.3
	460.2	460.2	460.2	460.2	460.2	460.1	460.1
	460.1	460.1	460.1	460.1	460.2	460.2	460.2
	460.1	460.0	460.0	460.0	460.1	460.1	460.1
	459.9	459.9	459.9	460.0	460.0	460.0	459.9
	459.9	459.9	459.8	459.8	460.0	460.0	459.9
	459.8	459.7	459.7	459.8	459.8	459.8	459.8
	459.8	459.7	459.7	459.7	459.8	459.8	459.8
	459.7	459.7	459.7	459.7	459.6	459.6	459.6
	459.6	459.6	459.5	459.6	459.6	459.6	459.6
	459.5	459.5	459.5	459.5	459.6	459.6	459.6
	459.4	459.4	459.4	459.5	459.5	459.4	459.4
	459.3	459.3	459.3	459.3	459.5	459.4	459.4
	459.2	459.2	459.2	459.3	459.3	459.3	459.2
	459.2	459.2	459.2	459.2	459.3	459.3	459.2
	459.2	459.2	459.1	459.1	459.3	459.3	459.2
	459.0	459.0	459.0	459.1	459.1	459.1	459.1
	459.0	459.0	459.0	459.0	459.1	459.1	459.1
	458.9	458.9	458.8	458.9	458.9	458.9	458.9
	458.9	458.9	458.8	458.8	458.9	458.9	458.9
	458.8	458.8	458.8	458.8	458.7	458.7	458.7
	458.7	458.7	458.7	458.8	458.7	458.7	458.7
	458.6	458.6	458.6	458.7	458.7	458.7	458.7
	458.5	458.5	458.5	458.6	458.6	458.6	458.5

SECTION_A_DESIGN_CASE_NOD3							
458.5	458.4	458.4	458.4	458.4	458.4	458.4	458.4
458.3	458.3	458.3	458.3	458.2	458.2	458.2	458.2
458.2	458.1	458.1	458.1	458.1	458.0	458.0	458.0
458.0	458.0	458.0	457.9	457.9	457.9	457.8	457.8
457.8	457.8	457.8	457.7	457.7	457.7	457.7	457.7
457.6	457.6	457.6	457.5	457.5	457.5	457.5	457.5
457.5	457.4	457.4	457.4	457.4	457.3	457.3	457.3
457.3	457.3	457.2	457.2	457.2	457.2	457.1	457.1
457.1	457.1	457.1	457.0	457.0	457.0	457.0	457.0
456.9	456.9	456.9	456.8	456.8	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.6	456.6	456.6	456.6
456.6	456.6	456.5	456.5	456.5	456.5	456.4	456.4
456.5	456.5	456.5	456.5	456.5	456.5	456.4	456.4
456.4	456.4	456.3	456.3	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.1	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	455.9	455.9	455.9	455.9
455.9	455.9	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.7	455.7	455.6	455.6	455.6	455.6	455.5
455.6	455.6	455.6	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.4	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
455.2	455.1	455.1	455.1	455.2	455.2	455.2	455.2
455.1	455.1	455.1	455.0	455.0	455.0	455.0	454.9
454.9	454.8	454.7	454.4	454.3	454.1	454.0	453.9
453.8	453.7	453.6	453.2	453.1	453.0	452.9	452.7
452.6	452.5	452.4	452.0	451.9	451.8	451.7	451.6
452.3	452.2	452.0	452.0	451.9	451.8	451.7	451.6
451.5	451.3	451.2	450.9	450.8	450.6	450.5	450.4
451.1	451.0	450.9	450.9	450.8	450.6	450.5	450.4
450.3	450.2	450.1	449.7	449.6	449.5	449.4	449.2
449.9	449.8	449.7	449.7	449.6	449.5	449.4	449.2
449.1	449.0	448.9	448.5	448.4	448.3	448.2	448.1
448.8	448.7	448.5	448.5	448.4	448.3	448.2	448.1
448.0	447.8	447.7	447.4	447.3	447.1	447.0	446.9
447.6	447.5	447.4	447.4	447.3	447.1	447.0	446.9
446.8	446.7	446.6	446.2	446.1	446.0	445.9	445.7
446.4	446.3	446.2	446.2	446.1	446.0	445.9	445.7
445.6	445.5	445.4	445.0	444.9	444.8	444.7	444.6
445.3	445.2	445.0	445.0	444.9	444.8	444.7	444.6
444.5	444.3	444.2	443.9	443.8	443.6	443.5	443.4
444.1	444.0	443.9	443.9	443.8	443.6	443.5	443.4
443.3	443.2	443.1	443.1	443.8	443.6	443.5	443.4

INITIAL HEAD FOR LAYER 11  
READING ON UNIT 10 WITH FORMAT: (10G12.5)

## SECTION\_A\_DESIGN\_CASE\_NOD3

	1	2	3	4	5	6	7
8	11	12	13	14	15	16	17
18	21	22	23	24	25	26	27
28	31	32	33	34	35	36	37
38	41	42	43	44	45	46	47
48	51	52	53	54	55	56	57
58	61	62	63	64	65	66	67
68	71	72	73	74	75	76	77
78	81	82	83	84	85	86	87
88	91	92	93	94	95	96	97
98	101	102	103	104	105	106	107
108	111	112	113	114	115	116	117
118	121	122	123	124	125	126	127
128	131	132	133	134	135	136	137
138	141	142	143	144	145	146	147
148	151	152	153	154	155	156	157
158	161	162	163	164	165	166	167
168	171	172	173	174	175	176	177
178	181	182	183	184	185	186	187
188	191	192	193	194	195	196	197
198	201	202	203	204	205	206	207
208	211	212	213	214	215	216	217
218	221	222	223	224	225	226	227
228	231	232	233	234	235	236	237
238	241	242	243	244	245	246	247
248	251	252	253	254	255	256	257
258	261	262	263	264	265	266	267
268	271	272	273	274	275	276	277
278	281	282	283	284	285	286	287
288	291	292	293	294	295	296	297
298	301	302	303	304	305	306	307
308	311	312	313	314	315	316	317
318		319	320				

SECTION\_A\_DESIGN\_CASE\_NOD3

321	322	323	324	325	326	327
328	329	330	331	332	333	334
338	339	340	341	342	343	344
348	349	350	351	352	353	354
358	359	360	361	362	363	364
368	369	370	371	372	373	374
378	379	380	381	382	383	384
388	389	390	391	392	393	394
398	399	400	401	402	403	404
408	409	410	411	412	413	414
418	419	420	421	422	423	424
428	429	430	431	432	433	434
438	439	440	441	442	443	444
448	449	450	451	452	453	454
458	459	460	461	462	463	464
468	469	470	471	472	473	474
478	479	480	481	482	483	484
488	489	490	491	492	493	494
498	499	500				

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1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.7	461.7	461.7
	461.8	461.8	461.7	461.7	461.6	461.6	461.6
	461.7	461.7	461.6	461.6	461.5	461.5	461.5
	461.6	461.6	461.5	461.5	461.4	461.4	461.4
	461.5	461.5	461.4	461.4	461.3	461.3	461.3
	461.5	461.4	461.3	461.3	461.2	461.2	461.2
	461.3	461.3	461.3	461.3	461.2	461.2	461.2
	461.3	461.3	461.3	461.3	461.2	461.2	461.2
	461.2	461.1	461.1	461.1	461.1	461.0	461.0
	461.2	461.1	461.1	461.1	461.1	461.0	461.0
	461.1	461.1	461.1	461.1	461.0	461.0	461.0
	461.0	461.0	461.0	461.0	460.9	460.8	460.8
	460.9	460.9	460.9	460.9	460.9	460.8	460.8
	460.8	460.8	460.8	460.8	460.7	460.7	460.7
	460.8	460.7	460.7	460.7	460.7	460.7	460.7
	460.6	460.6	460.6	460.6	460.5	460.5	460.5
	460.6	460.6	460.6	460.5	460.5	460.5	460.5
	460.5	460.4	460.4	460.4	460.4	460.3	460.3
	460.5	460.4	460.4	460.4	460.4	460.3	460.3
	460.4	460.4	460.4	460.4	460.3	460.3	460.3
	460.3	460.3	460.2	460.2	460.2	460.1	460.1
	460.3	460.2	460.2	460.2	460.2	460.1	460.1
	460.1	460.1	460.1	460.1	460.0	460.0	460.0
	460.1	460.0	460.0	460.0	460.0	460.0	459.9
	459.9	459.9	459.9	459.9	459.8	459.8	459.8
	459.9	459.9	459.8	459.8	459.8	459.8	459.8
	459.8	459.7	459.7				

## SECTION\_A\_DESIGN\_CASE\_NOD3

459.7	459.7	459.7	459.6	459.6	459.6	459.6
459.6	459.6	459.5	459.5	459.5	459.4	459.4
459.5	459.5	459.5	459.5	459.5	459.4	459.4
459.4	459.4	459.4	459.4	459.3	459.3	459.2
459.3	459.3	459.3	459.3	459.3	459.3	459.2
459.2	459.2	459.2	459.2	459.1	459.1	459.1
459.2	459.2	459.2	459.1	459.1	459.1	459.1
459.0	459.0	459.0	459.0	458.9	458.9	458.9
459.0	459.0	459.0	459.0	458.9	458.9	458.9
458.9	458.9	458.8	458.8	458.8	458.7	458.7
458.8	458.8	458.8	458.8	458.8	458.7	458.7
458.7	458.7	458.7	458.7	458.7	458.7	458.7
458.6	458.6	458.6	458.6	458.6	458.6	458.5
458.5	458.5	458.5	458.5	458.6	458.6	458.6
458.5	458.4	458.4	458.4	458.4	458.4	458.4
458.3	458.3	458.3	458.3	458.4	458.4	458.4
458.3	458.3	458.3	458.3	458.2	458.2	458.2
458.2	458.1	458.1	458.1	458.2	458.2	458.2
458.1	458.1	458.1	458.1	458.1	458.0	458.0
458.0	458.0	458.0	458.0	458.0	458.0	458.0
457.9	457.9	457.9	457.9	457.9	457.8	457.8
457.8	457.8	457.8	457.8	457.9	457.8	457.8
457.8	457.7	457.7	457.7	457.9	457.7	457.7
457.6	457.6	457.6	457.6	457.7	457.7	457.7
457.6	457.6	457.6	457.5	457.7	457.7	457.7
457.5	457.4	457.4	457.4	457.5	457.5	457.5
457.5	457.4	457.4	457.4	457.5	457.5	457.5
457.4	457.4	457.4	457.4	457.4	457.3	457.3
457.3	457.3	457.2	457.2	457.4	457.3	457.3
457.2	457.2	457.2	457.2	457.4	457.3	457.3
457.1	457.1	457.1	457.1	457.2	457.2	457.1
457.1	457.0	457.0	457.0	457.2	457.1	457.1
456.9	456.9	456.9	456.9	457.0	457.0	457.0
456.9	456.9	456.9	456.8	457.0	457.0	457.0
456.8	456.7	456.7	456.7	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.8	456.8	456.8
456.7	456.7	456.7	456.7	456.6	456.6	456.6
456.6	456.6	456.5	456.5	456.6	456.6	456.6
456.5	456.5	456.5	456.5	456.5	456.4	456.4
456.4	456.4	456.4	456.4	456.5	456.4	456.4
456.4	456.3	456.3	456.3	456.5	456.4	456.4
456.2	456.2	456.2	456.2	456.3	456.3	456.2
456.2	456.2	456.2	456.1	456.3	456.3	456.2
456.1	456.1	456.1	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	456.1	456.1	456.1
456.0	456.0	456.0	456.0	456.1	456.1	456.1
455.9	455.9	455.8	455.8	455.9	455.9	455.9
455.9	455.9	455.8	455.8	455.9	455.9	455.9
455.8	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.7	455.7	455.7	455.8	455.7	455.7
455.6	455.6	455.6	455.6	455.7	455.6	455.5
455.5	455.5	455.5	455.5	455.6	455.6	455.5
455.5	455.5	455.5	455.4	455.6	455.6	455.5
455.3	455.3	455.3	455.3	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.4	455.4	455.4
455.2	455.2	455.2	455.2	455.3	455.2	455.2
455.2	455.1	455.1	455.1	455.2	455.2	455.2
455.1	455.1	455.1	455.1	455.2	455.2	455.2
455.1	455.1	455.1	455.0	455.2	455.2	455.2
454.9	454.8	454.7	454.7	455.0	455.0	454.9
454.9	454.8	454.7	454.7	455.0	455.0	454.9
454.6	454.5	454.4	454.4	455.0	455.0	454.9
453.8	453.7	453.6	453.6	454.3	454.1	453.9
453.4	453.3	453.2	453.2	454.4	454.0	453.9
452.6	452.5	452.4	452.4	454.3	454.1	453.9
452.3	452.2	452.0	452.0	454.3	454.0	453.9
451.5	451.3	451.2	451.2	454.3	454.0	453.9
451.1	451.0	450.9	450.9	454.3	454.0	453.9
450.3	450.2	450.1	450.1	453.1	453.0	452.7
449.9	449.8	449.7	449.7	453.1	453.0	452.7
449.1	449.0	448.9	448.9	453.1	453.0	452.7
448.8	448.7	448.5	448.5	451.9	451.8	451.6
				451.9	451.8	451.6
				450.8	450.6	450.4
				450.8	450.6	450.4
				449.6	449.5	449.2
				449.6	449.5	449.2
				448.9	448.3	448.1
				448.9	448.3	448.1
				448.5	448.2	448.1
				448.4	448.2	448.1

SECTION_A_DESIGN_CASE_NOD3								
448.0	447.8	447.7	447.7	447.4	447.3	447.1	447.0	446.9
446.8	446.7	446.7	446.7	446.6	446.6	446.6	446.6	446.6
445.6	445.5	445.5	445.5	445.4	445.4	445.4	445.4	445.4
444.5	444.3	444.3	444.3	444.2	444.2	444.2	444.2	444.2
443.3	443.2	443.2	443.2	443.1	443.1	443.1	443.1	443.1

READING ON UNIT	INITIAL HEAD FOR LAYER 12						
	10	WITH	FORMAT:	(10G12.5)	12		
8	1	2	3	4	5	6	7
18	11	12	13	14	15	16	17
28	21	22	23	24	25	26	27
38	31	32	33	34	35	36	37
48	41	42	43	44	45	46	47
58	51	52	53	54	55	56	57
68	61	62	63	64	65	66	67
78	71	72	73	74	75	76	77
88	81	82	83	84	85	86	87
98	91	92	93	94	95	96	97
108	101	102	103	104	105	106	107
118	111	112	113	114	115	116	117
128	121	122	123	124	125	126	127
138	131	132	133	134	135	136	137
148	141	142	143	144	145	146	147
158	151	152	153	154	155	156	157
168	161	162	163	164	165	166	167
178	171	172	173	174	175	176	177
188	181	182	183	184	185	186	187
198	191	192	193	194	195	196	197
208	201	202	203	204	205	206	207
218	211	212	213	214	215	216	217
228	221	222	223	224	225	226	227
238	231	232	233	234	235	236	237
248	241	242	243	244	245	246	247



## SECTION\_A\_DESIGN\_CASE\_NOD3

251	252	253	254	255	256	257
258	259	260	261	262	263	264
268	269	270	271	272	273	274
278	279	280	281	282	283	284
288	289	290	291	292	293	294
298	299	300	301	302	303	304
308	309	310	311	312	313	314
318	319	320	321	322	323	324
328	329	330	331	332	333	334
338	339	340	341	342	343	344
348	349	350	351	352	353	354
358	359	360	361	362	363	364
368	369	370	371	372	373	374
378	379	380	381	382	383	384
388	389	390	391	392	393	394
398	399	400	401	402	403	404
408	409	410	411	412	413	414
418	419	420	421	422	423	424
428	429	430	431	432	433	434
438	439	440	441	442	443	444
448	449	450	451	452	453	454
458	459	460	461	462	463	464
468	469	470	471	472	473	474
478	479	480	481	482	483	484
488	489	490	491	492	493	494
498	499	500				

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1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8				
	461.8	461.8	461.8	461.8	461.7	461.7	461.7
	461.7	461.7	461.7				
	461.6	461.6	461.6	461.6	461.6	461.5	461.5
	461.5	461.5	461.5				
	461.5	461.4	461.4	461.4	461.4	461.4	461.4
	461.3	461.3	461.3				
	461.3	461.3	461.3	461.2	461.2	461.2	461.2
	461.2	461.1	461.1				
	461.1	461.1	461.1	461.1	461.0	461.0	461.0
	461.0	461.0	461.0				



SECTION\_A\_DESIGN\_CASE\_NOD3

455.2	455.1	455.1	455.1	455.0	455.0	455.0	455.0	454.9
454.9	454.8	454.8	454.7	454.7	454.7	454.7	454.7	454.7
453.8	453.7	453.7	453.6	453.6	453.6	453.6	453.6	453.6
452.6	452.5	452.5	452.4	452.4	452.4	452.4	452.4	452.4
451.5	451.3	451.3	451.2	451.2	451.2	451.2	451.2	451.2
450.3	450.2	450.2	450.1	450.1	450.1	450.1	450.1	450.1
449.1	449.0	449.0	448.9	448.9	448.9	448.9	448.9	448.9
448.0	447.8	447.8	447.7	447.7	447.7	447.7	447.7	447.7
446.8	446.7	446.7	446.6	446.6	446.6	446.6	446.6	446.6
445.6	445.5	445.5	445.4	445.4	445.4	445.4	445.4	445.4
444.5	444.3	444.3	444.2	444.2	444.2	444.2	444.2	444.2
443.3	443.2	443.2	443.1	443.1	443.1	443.1	443.1	443.1

READING ON UNIT 10 INITIAL HEAD FOR LAYER 13 WITH FORMAT: (10G12.5)

8	11	19	22	30	33	40	43	50	53	60	63	70	73	80	83	90	93	100	103	110	113	120	123	130	133	140	143	150	153	160	163	170	173	180	
18	21	29	32	40	43	50	53	60	63	70	73	80	83	90	93	100	103	110	113	120	123	130	133	140	143	150	153	160	163	170	173	180			
28	31	39	42	50	53	60	63	70	73	80	83	90	93	100	103	110	113	120	123	130	133	140	143	150	153	160	163	170	173	180	180				
38	41	49	52	60	63	70	73	80	83	90	93	100	103	110	113	120	123	130	133	140	143	150	153	160	163	170	173	180	180	180	180	180	180		
48	51	59	62	70	73	80	83	90	93	100	103	110	113	120	123	130	133	140	143	150	153	160	163	170	173	180	180	180	180	180	180	180	180		
58	61	69	72	80	83	90	93	100	103	110	113	120	123	130	133	140	143	150	153	160	163	170	173	180	180	180	180	180	180	180	180	180	180	180	
68	71	79	82	90	93	100	103	110	113	120	123	130	133	140	143	150	153	160	163	170	173	180	180	180	180	180	180	180	180	180	180	180	180	180	
78	81	89	92	100	103	110	113	120	123	130	133	140	143	150	153	160	163	170	173	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	
88	91	99	102	110	113	120	123	130	133	140	143	150	153	160	163	170	173	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	
98	101	109	112	120	123	130	133	140	143	150	153	160	163	170	173	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	
108	111	119	122	130	133	140	143	150	153	160	163	170	173	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	
118	121	129	132	140	143	150	153	160	163	170	173	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
128	131	139	142	150	153	160	163	170	173	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
138	141	149	152	160	163	170	173	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
148	151	159	162	170	173	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
158	161	169	172	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
168	171	179	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
178	179	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180

SECTION_A_DESIGN_CASE_NOD3								
	181	182	183	184	185	186	187	
188	189	190	191	192	193	194	195	196
198	199	200	201	202	203	204	205	206
208	209	210	211	212	213	214	215	216
218	219	220	221	222	223	224	225	226
228	229	230	231	232	233	234	235	236
238	239	240	241	242	243	244	245	246
248	249	250	251	252	253	254	255	256
258	259	260	261	262	263	264	265	266
268	269	270	271	272	273	274	275	276
278	279	280	281	282	283	284	285	286
288	289	290	291	292	293	294	295	296
298	299	300	301	302	303	304	305	306
308	309	310	311	312	313	314	315	316
318	319	320	321	322	323	324	325	326
328	329	330	331	332	333	334	335	336
338	339	340	341	342	343	344	345	346
348	349	350	351	352	353	354	355	356
358	359	360	361	362	363	364	365	366
368	369	370	371	372	373	374	375	376
378	379	380	381	382	383	384	385	386
388	389	390	391	392	393	394	395	396
398	399	400	401	402	403	404	405	406
408	409	410	411	412	413	414	415	416
418	419	420	421	422	423	424	425	426
428	429	430	431	432	433	434	435	436
438	439	440	441	442	443	444	445	446
448	449	450	451	452	453	454	455	456
458	459	460	461	462	463	464	465	466
468	469	470	471	472	473	474	475	476
478	479	480	481	482	483	484	485	486
488	489	490	491	492	493	494	495	496
498	499	500						

## SECTION\_A\_DESIGN\_CASE\_NOD3

1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8				
	461.8	461.8	461.8	461.8	461.7	461.7	461.7
	461.7	461.7	461.7				
	461.6	461.6	461.6	461.6	461.6	461.5	461.5
	461.5	461.5	461.5				
	461.5	461.4	461.4	461.4	461.4	461.4	461.4
	461.3	461.3	461.3				
	461.3	461.3	461.3	461.2	461.2	461.2	461.2
	461.2	461.1	461.1				
	461.1	461.1	461.1	461.1	461.0	461.0	461.0
	461.0	461.0	461.0				
	460.9	460.9	460.9	460.9	460.9	460.8	460.8
	460.8	460.8	460.8				
	460.8	460.7	460.7	460.7	460.7	460.7	460.7
	460.6	460.6	460.6				
	460.6	460.6	460.5	460.5	460.5	460.5	460.5
	460.5	460.4	460.4				
	460.4	460.4	460.4	460.4	460.3	460.3	460.3
	460.3	460.3	460.2				
	460.2	460.2	460.2	460.2	460.2	460.1	460.1
	460.1	460.1	460.1				
	460.1	460.0	460.0	460.0	460.0	460.0	459.9
	459.9	459.9	459.9				
	459.9	459.9	459.8	459.8	459.8	459.8	459.8
	459.8	459.7	459.7				
	459.7	459.7	459.7	459.6	459.6	459.6	459.6
	459.6	459.6	459.5				
	459.5	459.5	459.5	459.5	459.5	459.4	459.4
	459.4	459.4	459.4				
	459.3	459.3	459.3	459.3	459.3	459.3	459.2
	459.2	459.2	459.2				
	459.2	459.2	459.1	459.1	459.1	459.1	459.1
	459.0	459.0	459.0				
	459.0	459.0	459.0	458.9	458.9	458.9	458.9
	458.9	458.9	458.8				
	458.8	458.8	458.8	458.8	458.7	458.7	458.7
	458.7	458.7	458.7				
	458.6	458.6	458.6	458.6	458.6	458.6	458.5
	458.5	458.5	458.5				
	458.5	458.4	458.4	458.4	458.4	458.4	458.4
	458.3	458.3	458.3				
	458.3	458.3	458.3	458.2	458.2	458.2	458.2
	458.2	458.1	458.1				
	458.1	458.1	458.1	458.1	458.0	458.0	458.0
	458.0	458.0	458.0				
	457.9	457.9	457.9	457.9	457.9	457.8	457.8
	457.8	457.8	457.8				
	457.8	457.7	457.7	457.7	457.7	457.7	457.7
	457.6	457.6	457.6				
	457.6	457.6	457.5	457.5	457.5	457.5	457.5
	457.5	457.4	457.4				
	457.4	457.4	457.4	457.4	457.3	457.3	457.3
	457.3	457.3	457.2				
	457.2	457.2	457.2	457.2	457.2	457.1	457.1
	457.1	457.1	457.1				
	457.1	457.0	457.0	457.0	457.0	457.0	457.0
	456.9	456.9	456.9				
	456.9	456.9	456.8	456.8	456.8	456.8	456.8
	456.8	456.7	456.7				
	456.7	456.7	456.7	456.6	456.6	456.6	456.6
	456.6	456.6	456.5				
	456.5	456.5	456.5	456.5	456.5	456.4	456.4

SECTION\_A\_DESIGN\_CASE\_NOD3

456.4	456.4	456.4	456.4	456.3	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.2	456.1	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	456.0	455.9	455.9	455.9	455.9
455.9	455.8	455.8	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.6	455.6	455.6	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.5	455.4	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
455.2	455.1	455.1	455.1	455.0	455.0	455.0	455.0	454.9
454.9	454.8	454.8	454.7	454.7	454.3	454.1	454.0	453.9
453.8	453.7	453.7	453.6	453.6	453.1	453.0	452.9	452.7
452.6	452.5	452.5	452.4	452.4	451.9	451.8	451.7	451.6
451.5	451.3	451.3	451.2	451.2	450.9	450.8	450.6	450.5
450.3	450.2	450.2	450.1	450.1	449.7	449.6	449.5	449.4
449.1	448.8	448.8	448.7	448.7	448.5	448.4	448.3	448.2
448.0	447.8	447.8	447.7	447.7	447.4	447.3	447.1	447.0
446.8	446.7	446.7	446.6	446.6	446.2	446.1	446.0	445.9
445.6	445.5	445.5	445.4	445.4	445.0	444.9	444.8	444.7
444.5	444.3	444.3	444.2	444.2	443.9	443.8	443.6	443.5
443.3	443.2	443.2	443.1	443.1				

READING ON UNIT	INITIAL HEAD FOR LAYER 14 10 WITH FORMAT: (10G12.5)							
	1	2	3	4	5	6	7	
8		9	10					
18	11	12	13	14	15	16	17	
28	21	22	23	24	25	26	27	
38	31	32	33	34	35	36	37	
48	41	42	43	44	45	46	47	
58	51	52	53	54	55	56	57	
68	61	62	63	64	65	66	67	
78	71	72	73	74	75	76	77	
88	81	82	83	84	85	86	87	
98	91	92	93	94	95	96	97	
108	101	102	103	104	105	106	107	
		109	110					

## SECTION\_A\_DESIGN\_CASE\_NOD3

111	112	113	114	115	116	117
118	119	120	121	122	123	124
128	129	130	131	132	133	134
138	139	140	141	142	143	144
148	149	150	151	152	153	154
158	159	160	161	162	163	164
168	169	170	171	172	173	174
178	179	180	181	182	183	184
188	189	190	191	192	193	194
198	199	200	201	202	203	204
208	209	210	211	212	213	214
218	219	220	221	222	223	224
228	229	230	231	232	233	234
238	239	240	241	242	243	244
248	249	250	251	252	253	254
258	259	260	261	262	263	264
268	269	270	271	272	273	274
278	279	280	281	282	283	284
288	289	290	291	292	293	294
298	299	300	301	302	303	304
308	309	310	311	312	313	314
318	319	320	321	322	323	324
328	329	330	331	332	333	334
338	339	340	341	342	343	344
348	349	350	351	352	353	354
358	359	360	361	362	363	364
368	369	370	371	372	373	374
378	379	380	381	382	383	384
388	389	390	391	392	393	394
398	399	400	401	402	403	404
408	409	410	411	412	413	414
418	419	420	421	422	423	424
428	429	430	431	432	433	434
					435	436
						437

## SECTION\_A\_DESIGN\_CASE\_NOD3

438	441	439	442	440	443	444	445	446	447
448	451	449	452	450	453	454	455	456	457
458	461	459	462	460	463	464	465	466	467
468	471	469	472	470	473	474	475	476	477
478	481	479	482	480	483	484	485	486	487
488	491	489	492	490	493	494	495	496	497
498		499		500					

1	462.0	462.0	462.0	461.9	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.7	461.7	461.7	461.7
	461.8	461.8	461.8	461.8	461.7	461.7	461.7	461.7
	461.7	461.7	461.7	461.7	461.6	461.6	461.6	461.6
	461.6	461.6	461.6	461.6	461.6	461.6	461.5	461.5
	461.5	461.5	461.5	461.5	461.4	461.4	461.4	461.4
	461.5	461.4	461.4	461.4	461.4	461.4	461.4	461.4
	461.3	461.3	461.3	461.3	461.3	461.3	461.2	461.2
	461.3	461.3	461.3	461.3	461.2	461.2	461.2	461.2
	461.2	461.1	461.1	461.1	461.1	461.0	461.0	461.0
	461.1	461.1	461.1	461.1	461.1	461.0	461.0	461.0
	461.0	461.0	461.0	461.0	460.9	460.9	460.8	460.8
	460.9	460.9	460.9	460.9	460.9	460.9	460.8	460.8
	460.8	460.8	460.8	460.8	460.7	460.7	460.7	460.7
	460.8	460.7	460.7	460.7	460.7	460.7	460.7	460.7
	460.6	460.6	460.6	460.6	460.5	460.5	460.5	460.5
	460.6	460.6	460.6	460.5	460.5	460.5	460.5	460.5
	460.5	460.4	460.4	460.4	460.5	460.5	460.5	460.5
	460.4	460.4	460.4	460.4	460.4	460.3	460.3	460.3
	460.4	460.4	460.4	460.4	460.4	460.3	460.3	460.3
	460.3	460.3	460.2	460.2	460.2	460.2	460.1	460.1
	460.2	460.2	460.2	460.2	460.2	460.2	460.1	460.1
	460.1	460.1	460.1	460.1	460.2	460.2	460.1	460.1
	460.1	460.0	460.0	460.0	460.0	460.0	460.0	459.9
	459.9	459.9	459.9	459.9	459.8	459.8	459.8	459.8
	459.9	459.9	459.8	459.8	459.8	459.8	459.8	459.8
	459.8	459.7	459.7	459.7	459.6	459.6	459.6	459.6
	459.7	459.7	459.7	459.7	459.6	459.6	459.6	459.6
	459.6	459.6	459.5	459.5	459.6	459.6	459.6	459.6
	459.5	459.5	459.5	459.5	459.5	459.5	459.4	459.4
	459.5	459.5	459.5	459.5	459.5	459.5	459.4	459.4
	459.4	459.4	459.4	459.4	459.3	459.3	459.3	459.2
	459.3	459.3	459.3	459.3	459.3	459.3	459.3	459.2
	459.2	459.2	459.2	459.2	459.3	459.3	459.3	459.2
	459.2	459.2	459.1	459.1	459.3	459.3	459.3	459.2
	459.2	459.2	459.1	459.1	459.1	459.1	459.1	459.1
	459.0	459.0	459.0	459.0	459.1	459.1	459.1	459.1
	459.0	459.0	459.0	459.0	458.9	458.9	458.9	458.9
	458.9	458.9	458.8	458.8	458.9	458.9	458.9	458.9
	458.8	458.8	458.8	458.8	458.8	458.7	458.7	458.7
	458.8	458.8	458.8	458.8	458.8	458.7	458.7	458.7
	458.7	458.7	458.7	458.7	458.8	458.7	458.7	458.7
	458.6	458.6	458.6	458.6	458.6	458.6	458.6	458.5
	458.6	458.6	458.6	458.6	458.6	458.6	458.6	458.5
	458.5	458.5	458.5	458.5	458.6	458.6	458.6	458.5
	458.5	458.4	458.4	458.4	458.4	458.4	458.4	458.4
	458.5	458.4	458.4	458.4	458.4	458.4	458.4	458.4
	458.3	458.3	458.3	458.3	458.4	458.4	458.4	458.4
	458.3	458.3	458.3	458.3	458.4	458.4	458.4	458.4
	458.3	458.3	458.3	458.3	458.2	458.2	458.2	458.2
	458.2	458.1	458.1	458.1	458.2	458.2	458.2	458.2
	458.1	458.1	458.1	458.1	458.2	458.2	458.2	458.2
	458.1	458.1	458.1	458.1	458.1	458.0	458.0	458.0
	458.0	458.0	458.0	458.0	458.1	458.0	458.0	458.0
	457.9	457.9	457.9	457.9	458.0	458.0	458.0	458.0
	457.8	457.8	457.8	457.8	457.9	457.9	457.8	457.8
	457.8	457.8	457.8	457.8	457.9	457.9	457.8	457.8
	457.8	457.7	457.7	457.7	457.7	457.7	457.7	457.7



SECTION\_A\_DESIGN\_CASE\_NOD3

457.6	457.6	457.6	457.6	457.5	457.5	457.5	457.5	457.5
457.5	457.4	457.4	457.4	457.4	457.4	457.3	457.3	457.3
457.3	457.3	457.2	457.2	457.2	457.2	457.2	457.1	457.1
457.1	457.1	457.0	457.0	457.0	457.0	457.0	457.0	457.0
456.9	456.9	456.9	456.8	456.8	456.8	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.7	456.6	456.6	456.6	456.6
456.6	456.6	456.5	456.5	456.5	456.5	456.5	456.4	456.4
456.4	456.4	456.3	456.3	456.3	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.1	456.1	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	455.9	455.9	455.9	455.9	455.9
455.9	455.9	455.8	455.8	455.8	455.8	455.7	455.7	455.7
455.7	455.7	455.6	455.6	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.4	455.4	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2	455.2
455.2	455.1	455.1	455.0	455.0	455.0	455.0	455.0	454.9
454.9	454.8	454.5	454.4	454.3	454.1	454.0	453.9	453.9
453.8	453.7	453.3	453.2	453.1	453.0	452.9	452.7	452.7
452.6	452.5	452.2	452.0	451.9	451.8	451.7	451.6	451.6
451.5	451.3	451.0	450.9	450.8	450.6	450.5	450.4	450.4
450.3	449.9	449.8	449.7	449.6	449.5	449.4	449.2	449.2
449.1	449.0	448.7	448.5	448.4	448.3	448.2	448.1	448.1
448.0	447.8	447.5	447.4	447.3	447.1	447.0	446.9	446.9
446.8	446.7	446.3	446.2	446.1	446.0	445.9	445.7	445.7
445.6	445.5	445.2	445.0	444.9	444.8	444.7	444.6	444.6
444.5	444.3	444.0	443.9	443.8	443.6	443.5	443.4	443.4
443.3	443.2	443.1						

READING ON UNIT	INITIAL HEAD FOR LAYER 15							
	10 WITH FORMAT: (10G12.5)							
	1	2	3	4	5	6	7	
8		9	10					
18	11	12	13	14	15	16	17	
28	21	22	23	24	25	26	27	
38	31	32	33	34	35	36	37	
		39	40					

SECTION\_A\_DESIGN\_CASE\_NOD3

	41	42	43	44	45	46	47
48	51	52	50	53	54	55	57
58	61	62	60	63	64	65	67
68	71	72	70	73	74	75	77
78	81	82	80	83	84	85	87
88	91	92	90	93	94	95	97
98	101	102	100	103	104	105	107
108	111	112	110	113	114	115	117
118	121	122	120	123	124	125	127
128	131	132	130	133	134	135	137
138	141	142	140	143	144	145	147
148	151	152	150	153	154	155	157
158	161	162	160	163	164	165	167
168	171	172	170	173	174	175	177
178	181	182	180	183	184	185	187
188	191	192	190	193	194	195	197
198	201	202	200	203	204	205	207
208	211	212	210	213	214	215	217
218	221	222	220	223	224	225	227
228	231	232	230	233	234	235	237
238	241	242	240	243	244	245	247
248	251	252	250	253	254	255	257
258	261	262	260	263	264	265	267
268	271	272	270	273	274	275	277
278	281	282	280	283	284	285	287
288	291	292	290	293	294	295	297
298	301	302	300	303	304	305	307
308	311	312	310	313	314	315	317
318	321	322	320	323	324	325	327
328	331	332	330	333	334	335	337
338	341	342	340	343	344	345	347
348	351	352	350	353	354	355	357
358	361	362	360	363	364	365	367

## SECTION\_A\_DESIGN\_CASE\_NOD3

368		369		370									
	371		372		373		374		375		376		377
378		379		380									
	381		382		383		384		385		386		387
388		389		390									
	391		392		393		394		395		396		397
398		399		400									
	401		402		403		404		405		406		407
408		409		410									
	411		412		413		414		415		416		417
418		419		420									
	421		422		423		424		425		426		427
428		429		430									
	431		432		433		434		435		436		437
438		439		440									
	441		442		443		444		445		446		447
448		449		450									
	451		452		453		454		455		456		457
458		459		460									
	461		462		463		464		465		466		467
468		469		470									
	471		472		473		474		475		476		477
478		479		480									
	481		482		483		484		485		486		487
488		489		490									
	491		492		493		494		495		496		497
498		499		500									

1	462.0	462.0	462.0	461.9	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.8	461.7	461.7	461.7
	461.8	461.8	461.8	461.8	461.8	461.7	461.7	461.7
	461.7	461.7	461.7	461.7	461.6	461.6	461.5	461.5
	461.6	461.6	461.6	461.6	461.6	461.6	461.5	461.5
	461.5	461.5	461.5	461.5	461.4	461.4	461.4	461.4
	461.5	461.4	461.4	461.4	461.4	461.4	461.4	461.4
	461.3	461.3	461.3	461.3	461.3	461.4	461.4	461.4
	461.3	461.3	461.3	461.3	461.3	461.2	461.2	461.2
	461.2	461.1	461.1	461.1	461.1	461.2	461.2	461.2
	461.1	461.1	461.1	461.1	461.1	461.0	461.0	461.0
	461.0	461.0	461.0	461.0	461.0	461.0	461.0	461.0
	460.9	460.9	460.9	460.9	460.9	460.9	460.8	460.8
	460.8	460.8	460.8	460.8	460.8	460.9	460.8	460.8
	460.8	460.7	460.7	460.7	460.7	460.7	460.7	460.7
	460.6	460.6	460.6	460.6	460.6	460.7	460.7	460.7
	460.6	460.6	460.6	460.5	460.5	460.5	460.5	460.5
	460.5	460.4	460.4	460.4	460.4	460.5	460.5	460.5
	460.4	460.4	460.4	460.4	460.4	460.3	460.3	460.3
	460.3	460.3	460.2	460.2	460.2	460.3	460.3	460.3
	460.2	460.2	460.2	460.2	460.2	460.2	460.1	460.1
	460.1	460.1	460.1	460.1	460.1	460.2	460.2	460.2
	460.1	460.0	460.0	460.0	460.0	460.1	460.1	460.1
	459.9	459.9	459.9	459.9	460.0	460.0	460.0	459.9
	459.9	459.9	459.9	459.8	459.8	459.8	459.8	459.8
	459.8	459.7	459.7	459.7	459.8	459.8	459.8	459.8
	459.7	459.7	459.7	459.7	459.7	459.6	459.6	459.6
	459.6	459.6	459.5	459.5	459.6	459.6	459.6	459.6
	459.5	459.5	459.5	459.5	459.5	459.6	459.6	459.6
	459.4	459.4	459.4	459.4	459.5	459.5	459.4	459.4
	459.3	459.3	459.3	459.3	459.4	459.3	459.3	459.3
	459.2	459.2	459.2	459.2	459.3	459.3	459.3	459.2
	459.2	459.2	459.2	459.1	459.2	459.3	459.3	459.2
	459.0	459.0	459.0	459.1	459.1	459.1	459.1	459.1
	459.0	459.0	459.0	459.0	459.1	459.1	459.1	459.1
	459.0	459.0	459.0	459.0	458.9	458.9	458.9	458.9

## SECTION\_A\_DESIGN\_CASE\_NOD3

458.9	458.9	458.8	458.8	458.8	458.7	458.7	458.7
458.7	458.8	458.7	458.8	458.7	458.8	458.7	458.7
458.6	458.6	458.6	458.6	458.6	458.6	458.6	458.5
458.5	458.5	458.5	458.5	458.4	458.4	458.4	458.4
458.3	458.4	458.3	458.4	458.4	458.4	458.4	458.4
458.3	458.3	458.3	458.3	458.3	458.2	458.2	458.2
458.2	458.1	458.1	458.1	458.1	458.2	458.2	458.2
458.1	458.1	458.1	458.1	458.1	458.0	458.0	458.0
458.0	458.0	458.0	458.0	458.0	458.0	458.0	458.0
457.9	457.9	457.9	457.9	457.9	457.9	457.8	457.8
457.8	457.8	457.8	457.8	457.8	457.9	457.9	457.8
457.8	457.7	457.7	457.7	457.7	457.7	457.7	457.7
457.6	457.6	457.6	457.6	457.6	457.7	457.7	457.7
457.6	457.6	457.6	457.5	457.5	457.5	457.5	457.5
457.5	457.4	457.4	457.4	457.4	457.5	457.5	457.5
457.4	457.4	457.4	457.4	457.4	457.3	457.3	457.3
457.3	457.3	457.2	457.2	457.2	457.3	457.3	457.3
457.2	457.2	457.2	457.2	457.2	457.2	457.1	457.1
457.1	457.1	457.1	457.1	457.1	457.2	457.2	457.1
457.1	457.0	457.0	457.0	457.0	457.0	457.0	457.0
456.9	456.9	456.9	456.9	456.9	457.0	457.0	457.0
456.9	456.9	456.9	456.8	456.8	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.7	456.8	456.8	456.8
456.7	456.7	456.7	456.7	456.6	456.6	456.6	456.6
456.6	456.6	456.5	456.5	456.5	456.6	456.6	456.6
456.5	456.5	456.5	456.5	456.5	456.5	456.4	456.4
456.4	456.4	456.4	456.4	456.4	456.5	456.5	456.4
456.4	456.3	456.3	456.3	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.2	456.2	456.3	456.3	456.2
456.2	456.2	456.2	456.1	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	456.0	456.1	456.1	456.1
456.0	456.0	456.0	456.0	455.9	455.9	455.9	455.9
455.9	455.9	455.8	455.8	455.8	455.9	455.9	455.9
455.8	455.8	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.7	455.7	455.7	455.7	455.8	455.8	455.7
455.6	455.6	455.6	455.6	455.6	455.7	455.7	455.7
455.5	455.5	455.5	455.5	455.6	455.6	455.6	455.5
455.5	455.5	455.4	455.4	455.4	455.6	455.6	455.5
455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.3	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
455.2	455.1	455.1	455.1	455.2	455.2	455.2	455.2
455.1	455.1	455.0	455.0	455.0	455.0	455.0	454.9
454.9	454.8	454.7	454.7	454.7	455.0	455.0	454.9
454.6	454.5	454.4	454.4	454.3	454.1	454.0	453.9
453.8	453.7	453.6	453.6	454.3	454.1	454.0	453.9
453.4	453.3	453.2	453.2	453.1	453.0	452.9	452.7
452.6	452.5	452.4	452.4	453.1	453.0	452.9	452.7
452.3	452.2	452.0	452.0	451.9	451.8	451.7	451.6
451.5	451.3	451.2	451.2	451.9	451.8	451.7	451.6
451.1	451.0	450.9	450.9	450.8	450.6	450.5	450.4
450.3	450.2	450.1	450.1	450.8	450.6	450.5	450.4
449.9	449.8	449.7	449.7	449.6	449.5	449.4	449.2
449.1	449.0	448.9	448.9	449.6	449.5	449.4	449.2
448.8	448.7	448.5	448.5	448.4	448.3	448.2	448.1
448.0	447.8	447.7	447.7	448.4	448.3	448.2	448.1
447.6	447.5	447.4	447.4	447.3	447.1	447.0	446.9
446.8	446.7	446.6	446.6	447.3	447.1	447.0	446.9
446.4	446.3	446.2	446.2	446.1	446.0	445.9	445.7
445.6	445.5	445.4	445.4	446.1	446.0	445.9	445.7
445.3	445.2	445.0	445.0	446.1	446.0	445.9	445.7
444.5	444.3	444.2	444.2	444.9	444.8	444.7	444.6
444.1	444.0	443.9	443.9	444.9	444.8	444.7	444.6
443.3	443.2	443.1	443.1	443.8	443.6	443.5	443.4

## SECTION\_A\_DESIGN\_CASE\_NOD3

READING ON UNIT	INITIAL HEAD FOR LAYER 16 WITH FORMAT: (10G12.5)						
	1	2	3	4	5	6	7
8	11	12	13	14	15	16	17
18	21	22	23	24	25	26	27
28	31	32	33	34	35	36	37
38	41	42	43	44	45	46	47
48	51	52	53	54	55	56	57
58	61	62	63	64	65	66	67
68	71	72	73	74	75	76	77
78	81	82	83	84	85	86	87
88	91	92	93	94	95	96	97
98	101	102	103	104	105	106	107
108	111	112	113	114	115	116	117
118	121	122	123	124	125	126	127
128	131	132	133	134	135	136	137
138	141	142	143	144	145	146	147
148	151	152	153	154	155	156	157
158	161	162	163	164	165	166	167
168	171	172	173	174	175	176	177
178	181	182	183	184	185	186	187
188	191	192	193	194	195	196	197
198	201	202	203	204	205	206	207
208	211	212	213	214	215	216	217
218	221	222	223	224	225	226	227
228	231	232	233	234	235	236	237
238	241	242	243	244	245	246	247
248	251	252	253	254	255	256	257
258	261	262	263	264	265	266	267
268	271	272	273	274	275	276	277
278	281	282	283	284	285	286	287
288	291	292	293	294	295	296	297

SECTION\_A\_DESIGN\_CASE\_NOD3

298	299	300	301	302	303	304	305	306	307
308	309	310	311	312	313	314	315	316	317
318	319	320	321	322	323	324	325	326	327
328	329	330	331	332	333	334	335	336	337
338	339	340	341	342	343	344	345	346	347
348	349	350	351	352	353	354	355	356	357
358	359	360	361	362	363	364	365	366	367
368	369	370	371	372	373	374	375	376	377
378	379	380	381	382	383	384	385	386	387
388	389	390	391	392	393	394	395	396	397
398	399	400	401	402	403	404	405	406	407
408	409	410	411	412	413	414	415	416	417
418	419	420	421	422	423	424	425	426	427
428	429	430	431	432	433	434	435	436	437
438	439	440	441	442	443	444	445	446	447
448	449	450	451	452	453	454	455	456	457
458	459	460	461	462	463	464	465	466	467
468	469	470	471	472	473	474	475	476	477
478	479	480	481	482	483	484	485	486	487
488	489	490	491	492	493	494	495	496	497
498	499	500							

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1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.7	461.7	461.7
	461.8	461.8	461.7	461.7	461.6	461.5	461.5
	461.7	461.7	461.6	461.6	461.5	461.4	461.4
	461.6	461.6	461.5	461.5	461.4	461.4	461.4
	461.5	461.5	461.4	461.4	461.3	461.2	461.2
	461.5	461.4	461.3	461.3	461.2	461.2	461.2
	461.3	461.3	461.3	461.3	461.1	461.0	461.0
	461.2	461.1	461.1	461.1	461.0	460.8	460.8
	461.1	461.1	461.0	460.9	460.9	460.7	460.7
	461.0	461.0	460.9	460.9	460.7	460.7	460.7
	460.9	460.9	460.8	460.8	460.6	460.5	460.5
	460.8	460.8	460.7	460.7	460.5	460.5	460.5
	460.8	460.7	460.6	460.6	460.4	460.3	460.3
	460.6	460.6	460.6	460.5	460.4	460.3	460.3
	460.6	460.6	460.4	460.4	460.2	460.2	460.1
	460.5	460.4	460.4	460.4	460.2	460.2	460.1
	460.5	460.4	460.4	460.4	460.2	460.2	460.1
	460.4	460.4	460.2	460.2	460.2	460.1	460.1
	460.3	460.3	460.2	460.2	460.2	460.1	460.1
	460.3	460.2	460.2	460.2	460.2	460.1	460.1
	460.2	460.2	460.2	460.2	460.2	460.1	460.1

## SECTION\_A\_DESIGN\_CASE\_NOD3

460.1	460.1	460.1	460.1	460.0	460.0	460.0	460.0	459.9
459.9	459.9	459.9	459.9	459.8	459.8	459.8	459.8	459.8
459.8	459.7	459.7	459.7	459.7	459.6	459.6	459.6	459.6
459.6	459.6	459.6	459.5	459.5	459.5	459.5	459.4	459.4
459.4	459.4	459.4	459.4	459.3	459.3	459.3	459.3	459.2
459.2	459.2	459.2	459.2	459.1	459.1	459.1	459.1	459.1
459.0	459.0	459.0	459.0	459.0	458.9	458.9	458.9	458.9
458.9	458.9	458.8	458.8	458.8	458.8	458.7	458.7	458.7
458.7	458.7	458.7	458.7	458.6	458.6	458.6	458.6	458.5
458.5	458.5	458.5	458.5	458.4	458.4	458.4	458.4	458.4
458.3	458.3	458.3	458.3	458.3	458.2	458.2	458.2	458.2
458.2	458.1	458.1	458.1	458.1	458.1	458.0	458.0	458.0
458.0	458.0	458.0	458.0	457.9	457.9	457.9	457.8	457.8
457.8	457.8	457.7	457.7	457.7	457.7	457.7	457.7	457.7
457.6	457.6	457.6	457.6	457.5	457.5	457.5	457.5	457.5
457.5	457.4	457.4	457.4	457.4	457.4	457.3	457.3	457.3
457.3	457.3	457.3	457.2	457.2	457.2	457.2	457.1	457.1
457.1	457.1	457.1	457.1	457.0	457.0	457.0	457.0	457.0
456.9	456.9	456.9	456.9	456.8	456.8	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.7	456.6	456.6	456.6	456.6
456.6	456.6	456.5	456.5	456.5	456.5	456.5	456.4	456.4
456.4	456.4	456.4	456.4	456.3	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.2	456.2	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	456.0	455.9	455.9	455.9	455.9
455.9	455.9	455.8	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.7	455.7	455.7	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.5	455.5	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
455.2	455.1	455.1	455.1	455.0	455.0	455.0	455.0	454.9
454.9	454.8	454.8	454.7	454.7	454.3	454.1	454.0	453.9
453.8	453.7	453.7	453.6	453.2	453.1	453.0	452.9	452.7
452.6	452.5	452.5	452.4	452.4	451.9	451.8	451.7	451.6
451.5	451.3	451.3	451.2	451.2				

SECTION_A_DESIGN_CASE_NOD3							
451.1	451.0	450.9	450.8	450.6	450.5	450.4	
450.3	450.2	450.1					
449.9	449.8	449.7	449.6	449.5	449.4	449.2	
449.1	449.0	448.9					
448.8	448.7	448.5	448.4	448.3	448.2	448.1	
448.0	447.8	447.7					
447.6	447.5	447.4	447.3	447.1	447.0	446.9	
446.8	446.7	446.6					
446.4	446.3	446.2	446.1	446.0	445.9	445.7	
445.6	445.5	445.4					
445.3	445.2	445.0	444.9	444.8	444.7	444.6	
444.5	444.3	444.2					
444.1	444.0	443.9	443.8	443.6	443.5	443.4	
443.3	443.2	443.1					

INITIAL HEAD FOR LAYER 17							
READING ON UNIT 10 WITH FORMAT: (10G12.5)							
1	2	3	4	5	6	7	
8	9	10	11	12	13	14	15
18	19	20	21	22	23	24	25
28	29	30	31	32	33	34	35
38	39	40	41	42	43	44	45
48	49	50	51	52	53	54	55
58	59	60	61	62	63	64	65
68	69	70	71	72	73	74	75
78	79	80	81	82	83	84	85
88	89	90	91	92	93	94	95
98	99	100	101	102	103	104	105
108	109	110	111	112	113	114	115
118	119	120	121	122	123	124	125
128	129	130	131	132	133	134	135
138	139	140	141	142	143	144	145
148	149	150	151	152	153	154	155
158	159	160	161	162	163	164	165
168	169	170	171	172	173	174	175
178	179	180	181	182	183	184	185
188	189	190	191	192	193	194	195
198	199	200	201	202	203	204	205
208	209	210	211	212	213	214	215
218	219	220	221	222	223	224	225
							226
							227



## SECTION\_A\_DESIGN\_CASE\_NOD3

228	229	230	231	232	233	234	235	236	237
238	239	240	241	242	243	244	245	246	247
248	249	250	251	252	253	254	255	256	257
258	259	260	261	262	263	264	265	266	267
268	269	270	271	272	273	274	275	276	277
278	279	280	281	282	283	284	285	286	287
288	289	290	291	292	293	294	295	296	297
298	299	300	301	302	303	304	305	306	307
308	309	310	311	312	313	314	315	316	317
318	319	320	321	322	323	324	325	326	327
328	329	330	331	332	333	334	335	336	337
338	339	340	341	342	343	344	345	346	347
348	349	350	351	352	353	354	355	356	357
358	359	360	361	362	363	364	365	366	367
368	369	370	371	372	373	374	375	376	377
378	379	380	381	382	383	384	385	386	387
388	389	390	391	392	393	394	395	396	397
398	399	400	401	402	403	404	405	406	407
408	409	410	411	412	413	414	415	416	417
418	419	420	421	422	423	424	425	426	427
428	429	430	431	432	433	434	435	436	437
438	439	440	441	442	443	444	445	446	447
448	449	450	451	452	453	454	455	456	457
458	459	460	461	462	463	464	465	466	467
468	469	470	471	472	473	474	475	476	477
478	479	480	481	482	483	484	485	486	487
488	489	490	491	492	493	494	495	496	497
498	499	500							

1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.7	461.7	461.7
	461.8	461.8	461.7	461.6	461.6	461.5	461.5
	461.7	461.7	461.6	461.5	461.4	461.4	461.4
	461.6	461.6	461.5	461.4	461.4	461.4	461.4
	461.5	461.5	461.4	461.4	461.4	461.4	461.4
	461.5	461.4	461.4	461.4	461.4	461.4	461.4

## SECTION\_A\_DESIGN\_CASE\_NOD3

461.3	461.3	461.3	461.3	461.2	461.2	461.2	461.2
461.2	461.1	461.1	461.1	461.1	461.0	461.0	461.0
461.0	461.0	460.9	460.9	460.9	460.9	460.8	460.8
460.8	460.8	460.7	460.7	460.7	460.7	460.7	460.7
460.6	460.6	460.6	460.6	460.5	460.5	460.5	460.5
460.5	460.4	460.4	460.4	460.4	460.3	460.3	460.3
460.3	460.3	460.2	460.2	460.2	460.2	460.1	460.1
460.1	460.1	460.0	460.0	460.0	460.0	460.0	459.9
459.9	459.9	459.9	459.8	459.8	459.8	459.8	459.8
459.8	459.7	459.7	459.7	459.6	459.6	459.6	459.6
459.6	459.6	459.5	459.5	459.5	459.5	459.4	459.4
459.4	459.4	459.3	459.3	459.3	459.3	459.3	459.2
459.2	459.2	459.2	459.1	459.1	459.1	459.1	459.1
459.0	459.0	459.0	459.0	458.9	458.9	458.9	458.9
458.9	458.9	458.8	458.8	458.8	458.7	458.7	458.7
458.7	458.7	458.6	458.6	458.6	458.6	458.6	458.5
458.5	458.5	458.4	458.4	458.4	458.4	458.4	458.4
458.3	458.3	458.3	458.3	458.2	458.2	458.2	458.2
458.2	458.1	458.1	458.1	458.1	458.0	458.0	458.0
458.0	458.0	457.9	457.9	457.9	457.9	457.8	457.8
457.8	457.8	457.7	457.7	457.7	457.7	457.7	457.7
457.6	457.6	457.6	457.5	457.5	457.5	457.5	457.5
457.5	457.4	457.4	457.4	457.4	457.3	457.3	457.3
457.3	457.3	457.2	457.2	457.2	457.2	457.1	457.1
457.1	457.1	457.0	457.0	457.0	457.0	457.0	457.0
456.9	456.9	456.9	456.8	456.8	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.6	456.6	456.6	456.6
456.6	456.6	456.5	456.5	456.5	456.5	456.4	456.4
456.4	456.4	456.3	456.3	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.1	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	455.9	455.9	455.9	455.9
455.9	455.9	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.7	455.7	455.7				

## SECTION\_A\_DESIGN\_CASE\_NOD3

455.6	455.6	455.6	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.5	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
455.2	455.1	455.1	455.1	455.0	455.0	455.0	454.9
454.9	454.8	454.8	454.7	454.4	454.3	454.1	454.0
454.6	454.5	454.5	454.4	454.3	454.1	454.0	453.9
453.8	453.7	453.7	453.6	453.2	453.1	453.0	452.9
453.4	453.3	453.3	453.2	453.1	453.0	452.9	452.7
452.6	452.5	452.5	452.4	452.0	451.9	451.8	451.7
452.3	452.2	452.2	452.0	451.9	451.8	451.7	451.6
451.5	451.3	451.3	451.2	450.9	450.8	450.6	450.5
451.1	451.0	451.0	450.9	450.8	450.6	450.5	450.4
450.3	450.2	450.2	450.1	449.7	449.6	449.5	449.4
449.9	449.8	449.8	449.7	449.6	449.5	449.4	449.2
449.1	449.0	449.0	448.9	448.5	448.4	448.3	448.2
448.8	448.7	448.7	448.5	448.4	448.3	448.2	448.1
448.0	447.8	447.8	447.7	447.4	447.3	447.1	447.0
447.6	447.5	447.5	447.4	447.3	447.1	447.0	446.9
446.8	446.7	446.7	446.6	446.2	446.1	446.0	445.9
446.4	446.3	446.3	446.2	446.1	446.0	445.9	445.7
445.6	445.5	445.5	445.4	445.0	444.9	444.8	444.7
445.3	445.2	445.2	445.0	444.9	444.8	444.7	444.6
444.5	444.3	444.3	444.2	443.9	443.8	443.6	443.5
444.1	444.0	444.0	443.9	443.8	443.6	443.5	443.4
443.3	443.2	443.2	443.1				

READING ON UNIT	INITIAL HEAD FOR LAYER 18 WITH FORMAT: (10G12.5)							
	1	2	3	4	5	6	7	
8	11	12	10	13	14	15	16	17
18	21	22	20	23	24	25	26	27
28	31	32	30	33	34	35	36	37
38	41	42	40	43	44	45	46	47
48	51	52	50	53	54	55	56	57
58	61	62	60	63	64	65	66	67
68	71	72	70	73	74	75	76	77
78	81	82	80	83	84	85	86	87
88	91	92	90	93	94	95	96	97
98	101	102	100	103	104	105	106	107
108	111	112	110	113	114	115	116	117
118	121	122	120	123	124	125	126	127
128	131	132	130	133	134	135	136	137
138	141	142	140	143	144	145	146	147
148	151	152	150	153	154	155	156	157

## SECTION\_A\_DESIGN\_CASE\_NOD3

158	159	160	161	162	163	164	165	166	167
168	169	170	171	172	173	174	175	176	177
178	179	180	181	182	183	184	185	186	187
188	189	190	191	192	193	194	195	196	197
198	199	200	201	202	203	204	205	206	207
208	209	210	211	212	213	214	215	216	217
218	219	220	221	222	223	224	225	226	227
228	229	230	231	232	233	234	235	236	237
238	239	240	241	242	243	244	245	246	247
248	249	250	251	252	253	254	255	256	257
258	259	260	261	262	263	264	265	266	267
268	269	270	271	272	273	274	275	276	277
278	279	280	281	282	283	284	285	286	287
288	289	290	291	292	293	294	295	296	297
298	299	300	301	302	303	304	305	306	307
308	309	310	311	312	313	314	315	316	317
318	319	320	321	322	323	324	325	326	327
328	329	330	331	332	333	334	335	336	337
338	339	340	341	342	343	344	345	346	347
348	349	350	351	352	353	354	355	356	357
358	359	360	361	362	363	364	365	366	367
368	369	370	371	372	373	374	375	376	377
378	379	380	381	382	383	384	385	386	387
388	389	390	391	392	393	394	395	396	397
398	399	400	401	402	403	404	405	406	407
408	409	410	411	412	413	414	415	416	417
418	419	420	421	422	423	424	425	426	427
428	429	430	431	432	433	434	435	436	437
438	439	440	441	442	443	444	445	446	447
448	449	450	451	452	453	454	455	456	457
458	459	460	461	462	463	464	465	466	467
468	469	470	471	472	473	474	475	476	477
478	479	480							

## SECTION\_A\_DESIGN\_CASE\_NOD3

481	482	483	484	485	486	487
488	489	490	493	494	495	496
491	492	493	494	495	496	497
498	499	500				

1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.7	461.7	461.7
	461.8	461.8	461.8	461.8	461.7	461.7	461.7
	461.7	461.7	461.7	461.6	461.6	461.5	461.5
	461.6	461.6	461.6	461.6	461.6	461.5	461.5
	461.5	461.5	461.5	461.4	461.4	461.4	461.4
	461.5	461.4	461.4	461.4	461.4	461.4	461.4
	461.3	461.3	461.3	461.3	461.2	461.2	461.2
	461.3	461.3	461.3	461.2	461.2	461.2	461.2
	461.2	461.1	461.1	461.1	461.0	461.0	461.0
	461.1	461.1	461.1	461.1	461.0	461.0	461.0
	461.0	461.0	461.0	460.9	460.9	460.8	460.8
	460.9	460.9	460.9	460.9	460.9	460.8	460.8
	460.8	460.8	460.8	460.7	460.7	460.7	460.7
	460.8	460.7	460.7	460.7	460.7	460.7	460.7
	460.6	460.6	460.6	460.6	460.5	460.5	460.5
	460.6	460.6	460.5	460.5	460.5	460.5	460.5
	460.5	460.4	460.4	460.4	460.4	460.3	460.3
	460.4	460.4	460.4	460.4	460.3	460.3	460.3
	460.3	460.3	460.2	460.2	460.2	460.1	460.1
	460.2	460.2	460.2	460.2	460.2	460.1	460.1
	460.1	460.1	460.1	460.0	460.0	460.0	459.9
	460.1	460.0	460.0	460.0	460.0	460.0	459.9
	459.9	459.9	459.9	459.8	459.8	459.8	459.8
	459.9	459.9	459.8	459.8	459.8	459.8	459.8
	459.8	459.7	459.7	459.7	459.6	459.6	459.6
	459.7	459.7	459.7	459.6	459.6	459.6	459.6
	459.6	459.6	459.5	459.5	459.5	459.4	459.4
	459.5	459.5	459.5	459.5	459.5	459.4	459.4
	459.4	459.4	459.4	459.3	459.3	459.3	459.2
	459.3	459.3	459.3	459.3	459.3	459.3	459.2
	459.2	459.2	459.2	459.1	459.1	459.1	459.1
	459.2	459.2	459.1	459.1	459.1	459.1	459.1
	459.0	459.0	459.0	458.9	458.9	458.9	458.9
	459.0	459.0	459.0	458.9	458.9	458.9	458.9
	458.9	458.9	458.8	458.8	458.7	458.7	458.7
	458.8	458.8	458.8	458.8	458.7	458.7	458.7
	458.7	458.7	458.7	458.6	458.6	458.6	458.5
	458.6	458.6	458.6	458.6	458.6	458.6	458.5
	458.5	458.5	458.5	458.4	458.4	458.4	458.4
	458.5	458.4	458.4	458.4	458.4	458.4	458.4
	458.3	458.3	458.3	458.2	458.2	458.2	458.2
	458.3	458.3	458.3	458.2	458.2	458.2	458.2
	458.2	458.1	458.1	458.1	458.0	458.0	458.0
	458.1	458.1	458.1	458.1	458.0	458.0	458.0
	458.0	458.0	458.0	457.9	457.9	457.8	457.8
	457.9	457.9	457.9	457.9	457.9	457.8	457.8
	457.8	457.8	457.8	457.7	457.7	457.7	457.7
	457.8	457.7	457.7	457.7	457.7	457.7	457.7
	457.6	457.6	457.6	457.5	457.5	457.5	457.5
	457.6	457.6	457.5	457.5	457.5	457.5	457.5
	457.5	457.4	457.4	457.4	457.3	457.3	457.3
	457.4	457.4	457.4	457.4	457.3	457.3	457.3
	457.3	457.3	457.2	457.2	457.2	457.1	457.1
	457.2	457.2	457.2	457.2	457.2	457.1	457.1
	457.1	457.1	457.1	457.0	457.0	457.0	457.0
	457.1	457.0	457.0	457.0	457.0	457.0	457.0
	456.9	456.9	456.9				

SECTION\_A\_DESIGN\_CASE\_NOD3

456.9	456.9	456.8	456.8	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.6	456.6	456.6
456.6	456.6	456.5	456.5	456.5	456.5	456.4
456.5	456.5	456.5	456.5	456.5	456.5	456.4
456.4	456.4	456.4	456.4	456.3	456.3	456.3
456.4	456.3	456.3	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.2	456.1	456.1	456.1
456.2	456.2	456.2	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	455.9	455.9	455.9
456.0	456.0	456.0	456.0	455.9	455.9	455.9
455.9	455.9	455.8	455.8	455.8	455.8	455.7
455.8	455.8	455.8	455.8	455.8	455.8	455.7
455.7	455.7	455.7	455.7	455.6	455.6	455.6
455.6	455.6	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.5	455.4	455.4	455.4
455.5	455.5	455.5	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.2	455.2	455.2
455.2	455.1	455.1	455.1	455.2	455.2	455.2
455.1	455.1	455.1	455.0	455.0	455.0	454.9
454.9	454.8	454.7	454.7	455.0	455.0	454.9
454.6	454.5	454.4	454.4	454.3	454.1	454.0
453.8	453.7	453.6	453.6	454.3	454.1	454.0
453.4	453.3	453.2	453.2	453.1	453.0	452.9
452.6	452.5	452.4	452.4	453.1	453.0	452.9
452.3	452.2	452.0	452.0	453.1	453.0	452.9
451.5	451.3	451.2	451.2	451.9	451.8	451.7
451.1	451.0	450.9	450.9	451.9	451.8	451.7
450.3	450.2	450.1	450.1	450.8	450.6	450.5
449.9	449.8	449.7	449.7	450.8	450.6	450.5
449.1	449.0	448.9	448.9	449.6	449.5	449.4
448.8	448.7	448.5	448.5	449.6	449.5	449.4
448.0	447.8	447.7	447.7	448.4	448.3	448.2
447.6	447.5	447.4	447.4	448.4	448.3	448.2
446.8	446.7	446.6	446.6	447.3	447.1	447.0
446.4	446.3	446.2	446.2	447.3	447.1	447.0
445.6	445.5	445.4	445.4	447.3	447.1	447.0
445.3	445.2	445.0	445.0	446.1	446.0	445.9
444.5	444.3	444.2	444.2	446.1	446.0	445.9
444.1	444.0	443.9	443.9	446.0	445.9	445.7
443.3	443.2	443.1	443.1	444.9	444.8	444.7
				444.9	444.8	444.7
				443.8	443.6	443.5
				443.8	443.6	443.5
				443.6	443.5	443.4
				443.6	443.5	443.4

READING ON UNIT		INITIAL HEAD FOR LAYER 19 10 WITH FORMAT: (10G12.5)						
	1	2	3	4	5	6	7	
8		9	10					
11		11	12	13	14	15	16	
18		18	19	20	21	22	23	
21		21	22	23	24	25	26	
28		28	29	30	31	32	33	
31		31	32	33	34	35	36	
38		38	39	40	41	42	43	
41		41	42	43	44	45	46	
48		48	49	50	51	52	53	
51		51	52	53	54	55	56	
58		58	59	60	61	62	63	
61		61	62	63	64	65	66	
68		68	69	70	71	72	73	
71		71	72	73	74	75	76	
78		78	79	80	81	82	83	
81		81	82	83	84	85	86	
							87	

## SECTION\_A\_DESIGN\_CASE\_NOD3

88	89	90	91	92	93	94	95	96	97
98	99	100	101	102	103	104	105	106	107
108	109	110	111	112	113	114	115	116	117
118	119	120	121	122	123	124	125	126	127
128	129	130	131	132	133	134	135	136	137
138	139	140	141	142	143	144	145	146	147
148	149	150	151	152	153	154	155	156	157
158	159	160	161	162	163	164	165	166	167
168	169	170	171	172	173	174	175	176	177
178	179	180	181	182	183	184	185	186	187
188	189	190	191	192	193	194	195	196	197
198	199	200	201	202	203	204	205	206	207
208	209	210	211	212	213	214	215	216	217
218	219	220	221	222	223	224	225	226	227
228	229	230	231	232	233	234	235	236	237
238	239	240	241	242	243	244	245	246	247
248	249	250	251	252	253	254	255	256	257
258	259	260	261	262	263	264	265	266	267
268	269	270	271	272	273	274	275	276	277
278	279	280	281	282	283	284	285	286	287
288	289	290	291	292	293	294	295	296	297
298	299	300	301	302	303	304	305	306	307
308	309	310	311	312	313	314	315	316	317
318	319	320	321	322	323	324	325	326	327
328	329	330	331	332	333	334	335	336	337
338	339	340	341	342	343	344	345	346	347
348	349	350	351	352	353	354	355	356	357
358	359	360	361	362	363	364	365	366	367
368	369	370	371	372	373	374	375	376	377
378	379	380	381	382	383	384	385	386	387
388	389	390	391	392	393	394	395	396	397
398	399	400	401	402	403	404	405	406	407
408	409	410							

SECTION\_A\_DESIGN\_CASE\_NOD3

411	412	413	414	415	416	417
418	419	420	421	422	423	424
428	429	430	431	432	433	434
438	439	440	441	442	443	444
448	449	450	451	452	453	454
458	459	460	461	462	463	464
468	469	470	471	472	473	474
478	479	480	481	482	483	484
488	489	490	491	492	493	494
498	499	500				

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1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.7	461.7	461.7
	461.8	461.8	461.8	461.8	461.7	461.7	461.7
	461.7	461.7	461.7	461.7	461.6	461.6	461.6
	461.6	461.6	461.6	461.6	461.6	461.6	461.5
	461.5	461.5	461.5	461.5	461.6	461.6	461.5
	461.5	461.4	461.4	461.4	461.4	461.4	461.4
	461.3	461.3	461.3	461.3	461.4	461.4	461.4
	461.3	461.3	461.3	461.3	461.2	461.2	461.2
	461.2	461.1	461.1	461.1	461.2	461.2	461.2
	461.1	461.1	461.1	461.1	461.1	461.0	461.0
	461.0	461.0	461.0	461.0	461.0	461.0	461.0
	460.9	460.9	460.9	460.9	460.9	460.9	460.8
	460.8	460.8	460.8	460.8	460.9	460.9	460.8
	460.8	460.7	460.7	460.7	460.7	460.7	460.7
	460.6	460.6	460.6	460.6	460.7	460.7	460.7
	460.6	460.6	460.6	460.5	460.7	460.7	460.7
	460.5	460.6	460.5	460.5	460.5	460.5	460.5
	460.5	460.4	460.4	460.4	460.5	460.5	460.5
	460.4	460.4	460.4	460.4	460.4	460.3	460.3
	460.3	460.3	460.2	460.4	460.3	460.3	460.3
	460.2	460.2	460.2	460.2	460.2	460.2	460.1
	460.1	460.1	460.1	460.2	460.2	460.2	460.1
	460.1	460.0	460.0	460.1	460.2	460.1	460.1
	459.9	459.9	459.9	460.0	460.0	460.0	459.9
	459.9	459.9	459.9	460.0	460.0	460.0	460.0
	459.9	459.9	459.8	459.9	459.8	459.8	459.8
	459.8	459.7	459.7	459.8	459.8	459.8	459.8
	459.7	459.7	459.7	459.7	459.8	459.8	459.8
	459.6	459.6	459.5	459.6	459.6	459.6	459.6
	459.6	459.6	459.5	459.6	459.6	459.6	459.6
	459.5	459.5	459.5	459.6	459.6	459.6	459.6
	459.4	459.4	459.4	459.5	459.5	459.5	459.4
	459.4	459.3	459.3	459.4	459.4	459.4	459.4
	459.3	459.3	459.3	459.3	459.3	459.3	459.2
	459.2	459.2	459.2	459.3	459.3	459.3	459.2
	459.2	459.2	459.1	459.2	459.2	459.2	459.1
	459.0	459.0	459.0	459.1	459.1	459.1	459.1
	459.0	459.0	459.0	459.0	459.1	459.1	459.1
	459.0	459.0	459.0	458.9	458.9	458.9	458.9
	458.9	458.9	458.8	458.9	458.9	458.9	458.9
	458.8	458.8	458.8	458.8	458.9	458.9	458.9
	458.7	458.7	458.7	458.8	458.7	458.7	458.7
	458.6	458.6	458.6	458.8	458.7	458.7	458.7
	458.5	458.5	458.5	458.6	458.6	458.6	458.5
	458.5	458.4	458.4	458.6	458.6	458.6	458.5
	458.5	458.4	458.4	458.4	458.6	458.6	458.5
	458.3	458.3	458.3	458.4	458.4	458.4	458.4
	458.3	458.3	458.3	458.4	458.4	458.4	458.4
	458.2	458.1	458.1	458.2	458.2	458.2	458.2



## SECTION\_A\_DESIGN\_CASE\_NOD3

458.1	458.1	458.1	458.1	458.0	458.0	458.0
458.0	458.0	458.0	458.0	458.0	458.0	458.0
457.9	457.9	457.9	457.9	457.9	457.8	457.8
457.8	457.8	457.8	457.8	457.7	457.7	457.7
457.8	457.7	457.7	457.7	457.7	457.7	457.7
457.6	457.6	457.6	457.6	457.5	457.5	457.5
457.6	457.6	457.6	457.5	457.5	457.5	457.5
457.5	457.4	457.4	457.4	457.4	457.3	457.3
457.4	457.4	457.4	457.4	457.4	457.3	457.3
457.3	457.3	457.2	457.2	457.2	457.2	457.1
457.2	457.2	457.2	457.2	457.2	457.2	457.1
457.1	457.1	457.1	457.1	457.1	457.1	457.1
457.1	457.1	457.0	457.0	457.0	457.0	457.0
456.9	456.9	456.9	456.9	456.8	456.8	456.8
456.9	456.9	456.9	456.8	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.6	456.6	456.6
456.7	456.7	456.7	456.7	456.6	456.6	456.6
456.6	456.6	456.6	456.5	456.5	456.6	456.6
456.5	456.5	456.5	456.5	456.5	456.5	456.4
456.4	456.4	456.4	456.4	456.5	456.4	456.4
456.4	456.4	456.3	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.2	456.3	456.3	456.2
456.2	456.2	456.2	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	456.1	456.1	456.1
456.0	456.0	456.0	456.0	455.9	455.9	455.9
455.9	455.9	455.8	455.8	455.9	455.9	455.9
455.8	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.7	455.7	455.7	455.8	455.7	455.7
455.6	455.6	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.5	455.6	455.6	455.5
455.5	455.5	455.5	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.2	455.2	455.2
455.2	455.1	455.1	455.1	455.2	455.2	455.2
455.1	455.1	455.1	455.0	455.0	455.0	454.9
454.9	454.8	454.7	454.7	455.0	455.0	454.9
454.6	454.5	454.4	454.4	454.3	454.1	453.9
453.8	453.7	453.6	453.6	454.3	454.0	453.9
453.4	453.3	453.2	453.2	454.1	454.0	453.9
452.6	452.5	452.4	452.4	453.1	453.0	452.9
452.3	452.2	452.0	452.0	453.0	452.9	452.7
451.5	451.3	451.2	451.2	451.9	451.8	451.6
451.1	451.0	450.9	450.9	451.8	451.7	451.6
450.3	450.2	450.1	450.1	450.8	450.6	450.4
449.9	449.8	449.7	449.7	450.6	450.5	450.4
449.1	449.0	448.9	448.9	449.6	449.5	449.2
448.8	448.7	448.5	448.5	449.5	449.4	449.2
448.0	447.8	447.7	447.7	448.4	448.3	448.1
447.6	447.5	447.4	447.4	448.4	448.2	448.1
446.8	446.7	446.6	446.6	447.3	447.1	447.0
446.4	446.3	446.2	446.2	447.3	447.1	447.0
445.6	445.5	445.4	445.4	446.1	446.0	445.9
445.3	445.2	445.0	445.0	446.0	445.9	445.7
444.5	444.3	444.2	444.2	446.1	446.0	445.7
444.1	444.0	443.9	443.9	444.9	444.8	444.6
443.3	443.2	443.1	443.1	444.8	444.7	444.6
				443.8	443.6	443.4
				443.6	443.5	443.4

READING ON UNIT INITIAL HEAD FOR LAYER 20  
10 WITH FORMAT: (10G12.5)

1	2	3	4	5	6	7
8	9	10				
11	12	13	14	15	16	17

## SECTION\_A\_DESIGN\_CASE\_NOD3

18		19		20					
28	21	29	22	30	23	24	25	26	27
38	31	39	32	40	33	34	35	36	37
48	41	49	42	50	43	44	45	46	47
58	51	59	52	60	53	54	55	56	57
68	61	69	62	70	63	64	65	66	67
78	71	79	72	80	73	74	75	76	77
88	81	89	82	90	83	84	85	86	87
98	91	99	92	100	93	94	95	96	97
108	101	109	102	110	103	104	105	106	107
118	111	119	112	120	113	114	115	116	117
128	121	129	122	130	123	124	125	126	127
138	131	139	132	140	133	134	135	136	137
148	141	149	142	150	143	144	145	146	147
158	151	159	152	160	153	154	155	156	157
168	161	169	162	170	163	164	165	166	167
178	171	179	172	180	173	174	175	176	177
188	181	189	182	190	183	184	185	186	187
198	191	199	192	200	193	194	195	196	197
208	201	209	202	210	203	204	205	206	207
218	211	219	212	220	213	214	215	216	217
228	221	229	222	230	223	224	225	226	227
238	231	239	232	240	233	234	235	236	237
248	241	249	242	250	243	244	245	246	247
258	251	259	252	260	253	254	255	256	257
268	261	269	262	270	263	264	265	266	267
278	271	279	272	280	273	274	275	276	277
288	281	289	282	290	283	284	285	286	287
298	291	299	292	300	293	294	295	296	297
308	301	309	302	310	303	304	305	306	307
318	311	319	312	320	313	314	315	316	317
328	321	329	322	330	323	324	325	326	327
338	331	339	332	340	333	334	335	336	337

SECTION\_A\_DESIGN\_CASE\_NOD3

341	342	343	344	345	346	347
348	349	350	353	354	355	356
358	359	360	363	364	365	366
368	369	370	373	374	375	376
378	379	380	383	384	385	386
388	389	390	393	394	395	396
398	399	400	403	404	405	406
408	409	410	413	414	415	416
418	419	420	423	424	425	426
428	429	430	433	434	435	436
438	439	440	443	444	445	446
448	449	450	453	454	455	456
458	459	460	463	464	465	466
468	469	470	473	474	475	476
478	479	480	483	484	485	486
488	489	490	493	494	495	496
498	499	500				

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1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.7	461.7	461.7
	461.8	461.8	461.8	461.8	461.7	461.7	461.7
	461.7	461.7	461.7	461.6	461.6	461.5	461.5
	461.6	461.6	461.6	461.6	461.6	461.5	461.5
	461.5	461.5	461.5	461.4	461.4	461.4	461.4
	461.5	461.4	461.4	461.4	461.4	461.4	461.4
	461.3	461.3	461.3	461.2	461.2	461.2	461.2
	461.3	461.3	461.3	461.2	461.2	461.2	461.2
	461.2	461.1	461.1	461.1	461.0	461.0	461.0
	461.1	461.1	461.1	461.1	461.0	461.0	461.0
	461.0	461.0	461.0	460.9	460.9	460.8	460.8
	460.9	460.9	460.9	460.9	460.9	460.8	460.8
	460.8	460.8	460.8	460.7	460.7	460.7	460.7
	460.8	460.7	460.7	460.7	460.7	460.7	460.7
	460.6	460.6	460.6	460.5	460.5	460.5	460.5
	460.6	460.6	460.6	460.5	460.5	460.5	460.5
	460.5	460.4	460.4	460.4	460.3	460.3	460.3
	460.4	460.4	460.4	460.4	460.3	460.3	460.3
	460.3	460.3	460.2	460.2	460.2	460.1	460.1
	460.2	460.2	460.2	460.2	460.2	460.1	460.1
	460.1	460.1	460.1	460.0	460.0	460.0	459.9
	460.1	460.0	460.0	460.0	460.0	460.0	459.9
	459.9	459.9	459.9	459.8	459.8	459.8	459.8
	459.9	459.9	459.8	459.8	459.8	459.8	459.8
	459.8	459.7	459.7	459.6	459.6	459.6	459.6
	459.7	459.7	459.7	459.6	459.6	459.6	459.6
	459.6	459.6	459.5	459.5	459.5	459.4	459.4
	459.5	459.5	459.5	459.5	459.5	459.4	459.4
	459.4	459.4	459.4				

SECTION\_A\_DESIGN\_CASE\_NOD3

459.3	459.3	459.3	459.3	459.3	459.3	459.3	459.2
459.2	459.2	459.2	459.2	459.1	459.1	459.1	459.1
459.0	459.0	459.0	459.0	458.9	458.9	458.9	458.9
458.9	458.9	458.8	458.8	458.8	458.7	458.7	458.7
458.7	458.7	458.7	458.7	458.6	458.6	458.6	458.5
458.5	458.5	458.5	458.5	458.4	458.4	458.4	458.4
458.3	458.3	458.3	458.3	458.3	458.2	458.2	458.2
458.2	458.1	458.1	458.1	458.1	458.0	458.0	458.0
458.0	458.0	458.0	458.0	457.9	457.9	457.8	457.8
457.8	457.8	457.8	457.8	457.7	457.7	457.7	457.7
457.6	457.6	457.6	457.6	457.5	457.5	457.5	457.5
457.5	457.4	457.4	457.4	457.4	457.3	457.3	457.3
457.3	457.3	457.2	457.2	457.2	457.2	457.1	457.1
457.1	457.1	457.1	457.1	457.0	457.0	457.0	457.0
456.9	456.9	456.9	456.9	456.8	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.6	456.6	456.6	456.6
456.6	456.6	456.5	456.5	456.5	456.5	456.4	456.4
456.4	456.4	456.4	456.4	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.2	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	455.9	455.9	455.9	455.9
455.9	455.9	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.7	455.7	455.7	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.5	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
455.2	455.1	455.1	455.1	455.0	455.0	455.0	454.9
454.9	454.8	454.7	454.7	454.4	454.3	454.1	453.9
453.8	453.7	453.6	453.6	453.2	453.1	452.9	452.7
452.6	452.5	452.4	452.4	451.9	451.8	451.7	451.6
451.5	451.3	451.2	451.2	450.9	450.8	450.6	450.4
450.3	450.2	450.1	450.1	449.7	449.6	449.5	449.2
449.1	449.0	448.9	448.9	448.5	448.4	448.3	448.1
448.0	447.8	447.7	447.7	447.4	447.3	447.1	446.9
446.8	446.7	446.6	446.6	446.2	446.1	446.0	445.7
446.4	446.3	446.2	446.2	446.1	446.0	445.9	445.7

## SECTION\_A\_DESIGN\_CASE\_NOD3

445.6	445.5	445.4	445.0	444.9	444.8	444.7	444.6
444.5	444.3	444.2	444.2				
443.3	443.2	443.1	443.9	443.8	443.6	443.5	443.4

READING ON UNIT	INITIAL HEAD FOR LAYER 21 WITH FORMAT: (10G12.5)						
10	1	2	3	4	5	6	7
8	11	12	13	14	15	16	17
18	21	22	23	24	25	26	27
28	31	32	33	34	35	36	37
38	41	42	43	44	45	46	47
48	51	52	53	54	55	56	57
58	61	62	63	64	65	66	67
68	71	72	73	74	75	76	77
78	81	82	83	84	85	86	87
88	91	92	93	94	95	96	97
98	101	102	103	104	105	106	107
108	111	112	113	114	115	116	117
118	121	122	123	124	125	126	127
128	131	132	133	134	135	136	137
138	141	142	143	144	145	146	147
148	151	152	153	154	155	156	157
158	161	162	163	164	165	166	167
168	171	172	173	174	175	176	177
178	181	182	183	184	185	186	187
188	191	192	193	194	195	196	197
198	201	202	203	204	205	206	207
208	211	212	213	214	215	216	217
218	221	222	223	224	225	226	227
228	231	232	233	234	235	236	237
238	241	242	243	244	245	246	247
248	251	252	253	254	255	256	257
258	261	262	263	264	265	266	267
268		269	270				

## SECTION\_A\_DESIGN\_CASE\_NOD3

271	272	273	274	275	276	277
278	279	280	281	282	283	284
288	289	290	291	292	293	294
298	299	300	301	302	303	304
308	309	310	311	312	313	314
318	319	320	321	322	323	324
328	329	330	331	332	333	334
338	339	340	341	342	343	344
348	349	350	351	352	353	354
358	359	360	361	362	363	364
368	369	370	371	372	373	374
378	379	380	381	382	383	384
388	389	390	391	392	393	394
398	399	400	401	402	403	404
408	409	410	411	412	413	414
418	419	420	421	422	423	424
428	429	430	431	432	433	434
438	439	440	441	442	443	444
448	449	450	451	452	453	454
458	459	460	461	462	463	464
468	469	470	471	472	473	474
478	479	480	481	482	483	484
488	489	490	491	492	493	494
498	499	500				

1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.7	461.7	461.7
	461.8	461.8	461.7	461.6	461.6	461.5	461.5
	461.7	461.7	461.6	461.5	461.4	461.4	461.4
	461.6	461.6	461.5	461.4	461.3	461.2	461.2
	461.5	461.5	461.4	461.3	461.2	461.1	461.1
	461.5	461.4	461.3	461.2	461.1	461.0	461.0
	461.3	461.3	461.3	461.2	461.1	461.0	461.0
	461.3	461.3	461.3	461.2	461.1	461.0	461.0
	461.2	461.1	461.1	461.1	461.0	461.0	461.0
	461.1	461.1	461.1	461.1	461.0	461.0	461.0
	461.0	461.0	461.0	460.9	460.9	460.8	460.8
	460.9	460.9	460.9	460.9	460.9	460.8	460.8
	460.8	460.8	460.8	460.8	460.7	460.7	460.7
	460.8	460.7	460.7	460.7	460.7	460.7	460.7
	460.6	460.6	460.6				

SECTION\_A\_DESIGN\_CASE\_NOD3

460.6	460.6	460.5	460.5	460.5	460.5	460.5
460.5	460.4	460.4	460.4	460.4	460.3	460.3
460.4	460.4	460.4	460.4	460.4	460.3	460.3
460.3	460.3	460.2	460.2	460.2	460.2	460.1
460.2	460.2	460.2	460.2	460.2	460.2	460.1
460.1	460.1	460.1	460.1	460.1	460.1	460.1
460.1	460.0	460.0	460.0	460.0	460.0	459.9
459.9	459.9	459.9	459.9	459.9	459.9	459.9
459.9	459.9	459.9	459.8	459.8	459.8	459.8
459.8	459.7	459.7	459.7	459.7	459.8	459.8
459.7	459.7	459.7	459.7	459.6	459.6	459.6
459.6	459.6	459.5	459.5	459.6	459.6	459.6
459.5	459.5	459.5	459.5	459.5	459.5	459.4
459.4	459.4	459.4	459.4	459.5	459.5	459.4
459.4	459.4	459.4	459.4	459.5	459.5	459.4
459.3	459.3	459.3	459.3	459.3	459.3	459.3
459.2	459.2	459.2	459.2	459.3	459.3	459.2
459.2	459.2	459.2	459.2	459.1	459.1	459.1
459.0	459.0	459.0	459.0	459.1	459.1	459.1
459.0	459.0	459.0	459.0	458.9	458.9	458.9
458.9	458.9	458.8	458.8	458.9	458.9	458.9
458.8	458.8	458.8	458.8	458.8	458.7	458.7
458.7	458.7	458.7	458.7	458.8	458.7	458.7
458.6	458.6	458.6	458.6	458.7	458.7	458.7
458.5	458.5	458.6	458.6	458.6	458.6	458.6
458.5	458.5	458.5	458.5	458.6	458.6	458.5
458.5	458.4	458.4	458.4	458.6	458.6	458.5
458.3	458.3	458.3	458.3	458.4	458.4	458.4
458.3	458.3	458.3	458.3	458.4	458.4	458.4
458.2	458.1	458.1	458.1	458.2	458.2	458.2
458.1	458.1	458.1	458.1	458.2	458.2	458.2
458.0	458.0	458.0	458.0	458.1	458.0	458.0
458.0	458.0	458.0	458.0	458.1	458.0	458.0
457.9	457.9	457.9	457.9	458.0	458.0	458.0
457.8	457.8	457.8	457.8	457.9	457.8	457.8
457.8	457.7	457.7	457.7	457.9	457.8	457.8
457.6	457.6	457.6	457.6	457.7	457.7	457.7
457.6	457.6	457.6	457.6	457.7	457.7	457.7
457.5	457.4	457.4	457.4	457.5	457.5	457.5
457.5	457.4	457.4	457.4	457.5	457.5	457.5
457.4	457.4	457.4	457.4	457.4	457.3	457.3
457.3	457.3	457.2	457.2	457.4	457.3	457.3
457.2	457.2	457.2	457.2	457.4	457.3	457.3
457.1	457.1	457.1	457.1	457.2	457.2	457.1
457.1	457.1	457.1	457.1	457.2	457.2	457.1
457.1	457.0	457.0	457.0	457.2	457.1	457.1
456.9	456.9	456.9	456.9	457.0	457.0	457.0
456.9	456.9	456.9	456.9	457.0	457.0	457.0
456.8	456.7	456.7	456.7	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.8	456.8	456.8
456.7	456.7	456.7	456.7	456.6	456.6	456.6
456.6	456.6	456.5	456.5	456.6	456.6	456.6
456.5	456.5	456.5	456.5	456.5	456.5	456.4
456.4	456.4	456.4	456.4	456.5	456.5	456.4
456.4	456.3	456.3	456.3	456.4	456.4	456.4
456.2	456.2	456.2	456.2	456.3	456.3	456.2
456.2	456.2	456.2	456.2	456.3	456.3	456.2
456.2	456.2	456.1	456.1	456.2	456.2	456.1
456.1	456.0	456.0	456.0	456.1	456.1	456.1
456.0	456.0	456.0	456.0	456.1	456.1	456.1
455.9	455.9	455.8	455.8	455.9	455.9	455.9
455.8	455.8	455.8	455.8	455.9	455.9	455.9
455.7	455.7	455.7	455.7	455.8	455.8	455.7
455.6	455.6	455.6	455.6	455.7	455.7	455.7
455.5	455.5	455.5	455.5	455.6	455.6	455.5
455.5	455.5	455.5	455.4	455.6	455.6	455.5
455.3	455.3	455.3	455.3	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.4	455.4	455.4
455.2	455.1	455.1	455.1	455.2	455.2	455.2
455.1	455.1	455.1	455.1	455.2	455.2	455.2
454.9	454.8	454.7	454.7	455.0	455.0	454.9
454.8	454.8	454.7	454.7	455.0	455.0	454.9
454.6	454.5	454.4	454.4	454.3	454.1	453.9

## SECTION\_A\_DESIGN\_CASE\_NOD3

453.8	453.7	453.6	453.2	453.1	453.0	452.9	452.7
452.6	452.5	452.4	452.0	451.9	451.8	451.7	451.6
451.5	451.3	451.2	450.9	450.8	450.6	450.5	450.4
450.3	450.2	450.1	449.7	449.6	449.5	449.4	449.2
449.1	449.0	448.9	448.5	448.4	448.3	448.2	448.1
448.0	447.8	447.7	447.4	447.3	447.1	447.0	446.9
446.8	446.7	446.6	446.2	446.1	446.0	445.9	445.7
445.6	445.5	445.4	445.0	444.9	444.8	444.7	444.6
444.5	444.3	444.2	443.9	443.8	443.6	443.5	443.4
443.3	443.2	443.1					

READING ON UNIT	INITIAL HEAD FOR LAYER 22 WITH FORMAT: (10G12.5)						
10	1	2	3	4	5	6	7
8	11	12	13	14	15	16	17
18	21	22	23	24	25	26	27
28	31	32	33	34	35	36	37
38	41	42	43	44	45	46	47
48	51	52	53	54	55	56	57
58	61	62	63	64	65	66	67
68	71	72	73	74	75	76	77
78	81	82	83	84	85	86	87
88	91	92	93	94	95	96	97
98	101	102	103	104	105	106	107
108	111	112	113	114	115	116	117
118	121	122	123	124	125	126	127
128	131	132	133	134	135	136	137
138	141	142	143	144	145	146	147
148	151	152	153	154	155	156	157
158	161	162	163	164	165	166	167
168	171	172	173	174	175	176	177
178	181	182	183	184	185	186	187
188	191	192	193	194	195	196	197
198	199	200					



SECTION\_A\_DESIGN\_CASE\_NOD3

201	202	203	204	205	206	207
208	209	210	211	212	213	214
218	219	220	221	222	223	224
228	229	230	231	232	233	234
238	239	240	241	242	243	244
248	249	250	251	252	253	254
258	259	260	261	262	263	264
268	269	270	271	272	273	274
278	279	280	281	282	283	284
288	289	290	291	292	293	294
298	299	300	301	302	303	304
308	309	310	311	312	313	314
318	319	320	321	322	323	324
328	329	330	331	332	333	334
338	339	340	341	342	343	344
348	349	350	351	352	353	354
358	359	360	361	362	363	364
368	369	370	371	372	373	374
378	379	380	381	382	383	384
388	389	390	391	392	393	394
398	399	400	401	402	403	404
408	409	410	411	412	413	414
418	419	420	421	422	423	424
428	429	430	431	432	433	434
438	439	440	441	442	443	444
448	449	450	451	452	453	454
458	459	460	461	462	463	464
468	469	470	471	472	473	474
478	479	480	481	482	483	484
488	489	490	491	492	493	494
498	499	500				

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1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8				



SECTION\_A\_DESIGN\_CASE\_NOD3

456.1	456.0	456.0	456.0	455.9	455.9	455.9	455.9
455.9	455.8	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.6	455.6	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.4	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
455.2	455.1	455.1	455.0	455.0	455.0	455.0	454.9
454.9	454.8	454.8	454.7	454.7	454.7	454.7	454.7
454.6	454.6	454.5	454.4	454.3	454.1	454.0	453.9
453.8	453.7	453.7	453.6	453.6	453.6	453.6	453.6
453.4	453.4	453.3	453.2	453.1	453.0	452.9	452.7
452.6	452.5	452.5	452.4	452.4	452.4	452.4	452.4
452.3	452.3	452.2	452.0	451.9	451.8	451.7	451.6
451.5	451.3	451.3	451.2	451.2	451.2	451.2	451.2
451.1	451.1	451.0	450.9	450.8	450.6	450.5	450.4
450.3	450.2	450.2	450.1	450.1	450.1	450.1	450.1
449.9	449.9	449.8	449.7	449.6	449.5	449.4	449.2
449.1	449.0	449.0	448.9	448.9	448.9	448.9	448.9
448.8	448.8	448.7	448.5	448.4	448.3	448.2	448.1
448.0	447.8	447.8	447.7	447.7	447.7	447.7	447.7
447.6	447.6	447.5	447.4	447.3	447.1	447.0	446.9
446.8	446.7	446.7	446.6	446.6	446.6	446.6	446.6
446.4	446.4	446.3	446.2	446.1	446.0	445.9	445.7
445.6	445.5	445.5	445.4	445.4	445.4	445.4	445.4
445.3	445.3	445.2	445.0	444.9	444.8	444.7	444.6
444.5	444.3	444.3	444.2	444.2	444.2	444.2	444.2
444.1	444.1	444.0	443.9	443.8	443.6	443.5	443.4
443.3	443.2	443.2	443.1	443.1	443.1	443.1	443.1

READING ON UNIT	INITIAL HEAD FOR LAYER 23 WITH FORMAT: (10G12.5)							
	1	2	3	4	5	6	7	
8	11	12	10	13	14	15	16	17
18	21	22	20	23	24	25	26	27
28	31	32	30	33	34	35	36	37
38	41	42	40	43	44	45	46	47
48	51	52	50	53	54	55	56	57
58	61	62	60	63	64	65	66	67
68	71	72	70	73	74	75	76	77
78	81	82	80	83	84	85	86	87
88	91	92	90	93	94	95	96	97
98	101	102	100	103	104	105	106	107
108	111	112	110	113	114	115	116	117
118	121	122	120	123	124	125	126	127
128		129	130					

## SECTION\_A\_DESIGN\_CASE\_NOD3

131	132	133	134	135	136	137
138	139	140	143	144	145	146
141	142	148	149	150	153	154
148	149	151	152	158	159	160
151	152	158	159	161	162	163
158	159	161	162	168	169	170
161	162	168	169	171	172	173
168	169	171	172	178	179	180
171	172	178	179	181	182	183
178	179	181	182	188	189	190
181	182	188	189	191	192	193
188	189	191	192	198	199	200
191	192	198	199	201	202	203
198	199	201	202	208	209	210
201	202	208	209	211	212	213
208	209	211	212	218	219	220
211	212	218	219	221	222	223
218	219	221	222	228	229	230
221	222	228	229	231	232	233
228	229	231	232	238	239	240
231	232	238	239	241	242	243
238	239	241	242	248	249	250
241	242	248	249	251	252	253
248	249	251	252	258	259	260
251	252	258	259	261	262	263
258	259	261	262	268	269	270
261	262	268	269	271	272	273
268	269	271	272	278	279	280
271	272	278	279	281	282	283
278	279	281	282	288	289	290
281	282	288	289	291	292	293
288	289	291	292	298	299	300
291	292	298	299	301	302	303
298	299	301	302	308	309	310
301	302	308	309	311	312	313
308	309	311	312	318	319	320
311	312	318	319	321	322	323
318	319	321	322	328	329	330
321	322	328	329	331	332	333
328	329	331	332	338	339	340
331	332	338	339	341	342	343
338	339	341	342	348	349	350
341	342	348	349	351	352	353
348	349	351	352	358	359	360
351	352	358	359	361	362	363
358	359	361	362	368	369	370
361	362	368	369	371	372	373
368	369	371	372	378	379	380
371	372	378	379	381	382	383
378	379	381	382	388	389	390
381	382	388	389	391	392	393
388	389	391	392	398	399	400
391	392	398	399	401	402	403
398	399	401	402	408	409	410
401	402	408	409	411	412	413
408	409	411	412	418	419	420
411	412	418	419	421	422	423
418	419	421	422	428	429	430
421	422	428	429	431	432	433
428	429	431	432	438	439	440
431	432	438	439	441	442	443
438	439	441	442	448	449	450
441	442	448	449	451	452	453
448	449	451	452			454
						455
						456
						457

## SECTION\_A\_DESIGN\_CASE\_NOD3

458	459	460	461	462	463	464	465	466	467
468	469	470	471	472	473	474	475	476	477
478	479	480	481	482	483	484	485	486	487
488	489	490	491	492	493	494	495	496	497
498	499	500							

1	462.0	462.0	462.0	461.9	461.9	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.8	461.7	461.7	461.7	461.7
	461.8	461.8	461.8	461.7	461.7	461.6	461.6	461.5	461.5
	461.7	461.7	461.7	461.6	461.6	461.6	461.5	461.5	461.5
	461.6	461.6	461.6	461.5	461.5	461.4	461.4	461.4	461.4
	461.5	461.5	461.5	461.4	461.4	461.4	461.4	461.4	461.4
	461.5	461.4	461.4	461.3	461.3	461.2	461.2	461.2	461.2
	461.3	461.3	461.3	461.3	461.3	461.2	461.2	461.2	461.2
	461.3	461.3	461.3	461.2	461.2	461.2	461.2	461.2	461.2
	461.2	461.1	461.1	461.1	461.1	461.1	461.0	461.0	461.0
	461.1	461.1	461.1	461.0	461.0	460.9	460.9	460.8	460.8
	461.0	461.0	461.0	460.9	460.9	460.9	460.9	460.8	460.8
	460.9	460.9	460.9	460.8	460.8	460.7	460.7	460.7	460.7
	460.8	460.8	460.8	460.7	460.7	460.7	460.7	460.7	460.7
	460.8	460.7	460.7	460.6	460.6	460.6	460.5	460.5	460.5
	460.6	460.6	460.6	460.6	460.6	460.5	460.5	460.5	460.5
	460.6	460.6	460.6	460.5	460.5	460.5	460.5	460.5	460.5
	460.5	460.4	460.4	460.4	460.4	460.4	460.3	460.3	460.3
	460.4	460.4	460.4	460.4	460.4	460.3	460.3	460.3	460.3
	460.3	460.3	460.3	460.2	460.2	460.2	460.2	460.1	460.1
	460.2	460.2	460.2	460.2	460.2	460.2	460.2	460.1	460.1
	460.1	460.1	460.1	460.2	460.2	460.2	460.2	460.1	460.1
	460.1	460.0	460.0	460.1	460.1	460.0	460.0	460.0	459.9
	460.1	460.0	460.0	460.0	460.0	460.0	460.0	460.0	459.9
	459.9	459.9	459.9	460.0	460.0	460.0	460.0	460.0	459.9
	459.9	459.9	459.9	459.9	459.9	459.8	459.8	459.8	459.8
	459.9	459.9	459.9	459.8	459.8	459.8	459.8	459.8	459.8
	459.8	459.7	459.7	459.7	459.7	459.8	459.8	459.8	459.8
	459.8	459.7	459.7	459.7	459.7	459.6	459.6	459.6	459.6
	459.7	459.7	459.7	459.6	459.6	459.6	459.6	459.6	459.6
	459.6	459.6	459.5	459.5	459.5	459.5	459.4	459.4	459.4
	459.6	459.5	459.5	459.5	459.5	459.5	459.4	459.4	459.4
	459.5	459.5	459.5	459.4	459.4	459.3	459.3	459.3	459.2
	459.4	459.4	459.4	459.3	459.3	459.3	459.3	459.3	459.2
	459.4	459.3	459.3	459.3	459.3	459.3	459.3	459.3	459.2
	459.3	459.3	459.3	459.2	459.2	459.2	459.1	459.1	459.1
	459.2	459.2	459.2	459.2	459.2	459.1	459.1	459.1	459.1
	459.2	459.2	459.2	459.1	459.1	459.1	459.1	459.1	459.1
	459.0	459.0	459.0	459.0	459.0	458.9	458.9	458.9	458.9
	459.0	459.0	459.0	459.0	459.0	458.9	458.9	458.9	458.9
	459.0	458.9	458.8	458.8	458.8	458.8	458.7	458.7	458.7
	458.9	458.9	458.8	458.8	458.8	458.8	458.7	458.7	458.7
	458.8	458.8	458.8	458.7	458.7	458.6	458.6	458.6	458.5
	458.7	458.7	458.7	458.6	458.6	458.6	458.6	458.6	458.5
	458.6	458.6	458.6	458.5	458.5	458.4	458.4	458.4	458.4
	458.5	458.5	458.5	458.4	458.4	458.4	458.4	458.4	458.4
	458.5	458.4	458.4	458.4	458.4	458.4	458.4	458.4	458.4
	458.3	458.3	458.3	458.3	458.3	458.2	458.2	458.2	458.2
	458.3	458.3	458.3	458.3	458.3	458.2	458.2	458.2	458.2
	458.2	458.1	458.1	458.1	458.1	458.1	458.0	458.0	458.0
	458.2	458.1	458.1	458.1	458.1	458.1	458.0	458.0	458.0
	458.1	458.1	458.1	458.0	458.0	457.9	457.9	457.8	457.8
	458.0	458.0	458.0	457.9	457.9	457.9	457.9	457.8	457.8
	457.9	457.9	457.9	457.8	457.8	457.7	457.7	457.7	457.7
	457.8	457.8	457.8	457.7	457.7	457.7	457.7	457.7	457.7
	457.8	457.7	457.7	457.6	457.6	457.5	457.5	457.5	457.5
	457.6	457.6	457.6	457.5	457.5	457.5	457.5	457.5	457.5
	457.6	457.6	457.5	457.4	457.4	457.4	457.3	457.3	457.3
	457.5	457.4	457.4	457.4	457.4	457.4	457.3	457.3	457.3
	457.4	457.4	457.4	457.4	457.4	457.3	457.3	457.3	457.3

SECTION\_A\_DESIGN\_CASE\_NOD3

457.3	457.3	457.2	457.2	457.2	457.2	457.1	457.1
457.1	457.1	457.1	457.1	457.1	457.2	457.1	457.1
456.9	456.9	456.9	456.9	456.9	457.0	457.0	457.0
456.8	456.7	456.7	456.7	456.8	456.8	456.8	456.8
456.6	456.6	456.6	456.6	456.7	456.6	456.6	456.6
456.4	456.4	456.4	456.4	456.5	456.5	456.4	456.4
456.2	456.2	456.2	456.2	456.5	456.5	456.4	456.4
456.1	456.0	456.0	456.0	456.4	456.3	456.3	456.2
455.9	455.9	455.9	455.9	456.3	456.3	456.3	456.2
455.7	455.7	455.7	455.7	456.2	456.2	456.3	456.1
455.5	455.5	455.5	455.5	456.1	456.1	456.1	456.1
455.3	455.3	455.3	455.3	456.0	455.9	455.9	455.9
455.2	455.1	455.1	455.1	455.8	455.8	455.7	455.7
454.9	454.8	454.8	454.8	455.7	455.6	455.6	455.5
453.8	453.7	453.7	453.7	455.6	455.6	455.6	455.5
452.6	452.5	452.5	452.5	455.5	455.4	455.4	455.4
451.5	451.3	451.3	451.3	455.4	455.4	455.4	455.4
450.3	450.2	450.2	450.2	455.3	455.3	455.2	455.2
449.1	449.0	449.0	449.0	455.3	455.2	455.2	455.2
448.0	447.8	447.8	447.8	455.1	455.1	455.0	454.9
446.8	446.7	446.7	446.7	455.0	455.0	455.0	454.9
445.6	445.5	445.5	445.5	454.7	454.7	454.0	453.9
444.5	444.3	444.3	444.3	454.6	454.5	454.1	453.9
443.3	443.2	443.2	443.2	453.8	453.7	453.0	452.7
				453.4	453.3	453.2	453.1
				452.6	452.5	452.4	452.3
				451.5	451.3	451.2	451.1
				450.3	450.2	450.1	450.0
				449.1	449.0	449.0	449.0
				448.0	447.8	447.7	447.6
				446.8	446.7	446.6	446.5
				445.6	445.5	445.4	445.3
				444.5	444.3	444.2	444.1
				443.3	443.2	443.1	443.0

READING ON UNIT		INITIAL HEAD FOR LAYER 24 10 WITH FORMAT: (10G12.5)					
1	2	3	4	5	6	7	
8	9	10	11	12	13	14	
18	19	20	21	22	23	24	
28	29	30	31	32	33	34	
38	39	40	41	42	43	44	
48	49	50	51	52	53	54	
58	59	60					

## SECTION\_A\_DESIGN\_CASE\_NOD3

	61	62	63	64	65	66	67
68	71	72	70	73	74	75	77
78	81	82	80	83	84	85	87
88	91	92	90	93	94	95	97
98	101	102	100	103	104	105	107
108	111	112	110	113	114	115	117
118	121	122	120	123	124	125	127
128	131	132	130	133	134	135	137
138	141	142	140	143	144	145	147
148	151	152	150	153	154	155	157
158	161	162	160	163	164	165	167
168	171	172	170	173	174	175	177
178	181	182	180	183	184	185	187
188	191	192	190	193	194	195	197
198	201	202	200	203	204	205	207
208	211	212	210	213	214	215	217
218	221	222	220	223	224	225	227
228	231	232	230	233	234	235	237
238	241	242	240	243	244	245	247
248	251	252	250	253	254	255	257
258	261	262	260	263	264	265	267
268	271	272	270	273	274	275	277
278	281	282	280	283	284	285	287
288	291	292	290	293	294	295	297
298	301	302	300	303	304	305	307
308	311	312	310	313	314	315	317
318	321	322	320	323	324	325	327
328	331	332	330	333	334	335	337
338	341	342	340	343	344	345	347
348	351	352	350	353	354	355	357
358	361	362	360	363	364	365	367
368	371	372	370	373	374	375	377
378	381	382	380	383	384	385	387

## SECTION\_A\_DESIGN\_CASE\_NOD3

388	389	389	390	393	394	395	396	397
398	391	399	400	403	404	405	406	407
408	401	402	410	413	414	415	416	417
418	411	412	420	423	424	425	426	427
428	421	422	430	433	434	435	436	437
438	431	432	440	443	444	445	446	447
448	441	442	450	453	454	455	456	457
458	451	452	460	463	464	465	466	467
468	461	462	470	473	474	475	476	477
478	471	472	480	483	484	485	486	487
488	481	482	490	493	494	495	496	497
498	491	492	499	500				

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1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.7	461.7	461.7
	461.8	461.8	461.8	461.8	461.7	461.7	461.7
	461.7	461.7	461.7	461.7	461.6	461.6	461.5
	461.6	461.6	461.6	461.6	461.6	461.6	461.5
	461.5	461.5	461.5	461.5	461.5	461.5	461.5
	461.5	461.4	461.4	461.4	461.4	461.4	461.4
	461.3	461.3	461.3	461.3	461.3	461.3	461.2
	461.3	461.3	461.3	461.3	461.2	461.2	461.2
	461.2	461.1	461.1	461.1	461.2	461.2	461.2
	461.1	461.1	461.1	461.1	461.1	461.0	461.0
	461.0	461.0	461.0	461.0	461.0	461.0	461.0
	460.9	460.9	460.9	460.9	460.9	460.9	460.8
	460.8	460.8	460.8	460.8	460.9	460.9	460.8
	460.8	460.7	460.7	460.7	460.7	460.7	460.7
	460.6	460.6	460.6	460.6	460.7	460.7	460.7
	460.6	460.6	460.6	460.5	460.7	460.7	460.7
	460.5	460.6	460.5	460.5	460.5	460.5	460.5
	460.5	460.4	460.4	460.4	460.5	460.5	460.5
	460.4	460.4	460.4	460.4	460.4	460.3	460.3
	460.3	460.3	460.2	460.4	460.4	460.3	460.3
	460.2	460.2	460.2	460.2	460.2	460.2	460.1
	460.1	460.1	460.1	460.2	460.2	460.2	460.1
	460.1	460.0	460.0	460.1	460.2	460.1	460.1
	459.9	459.9	459.9	460.0	460.0	460.0	459.9
	459.9	459.9	459.9	460.0	460.0	460.0	460.0
	459.9	459.9	459.8	460.0	460.0	460.0	459.9
	459.8	459.7	459.7	459.8	459.8	459.8	459.8
	459.8	459.7	459.7	459.7	459.8	459.8	459.8
	459.7	459.7	459.7	459.7	459.6	459.6	459.6
	459.6	459.6	459.5	459.7	459.6	459.6	459.6
	459.6	459.5	459.5	459.5	459.6	459.6	459.6
	459.5	459.5	459.5	459.5	459.5	459.5	459.4
	459.4	459.4	459.4	459.5	459.5	459.5	459.4
	459.4	459.3	459.3	459.4	459.3	459.3	459.3
	459.3	459.3	459.3	459.3	459.3	459.3	459.2
	459.2	459.2	459.2	459.3	459.3	459.3	459.2
	459.2	459.2	459.1	459.2	459.3	459.3	459.2
	459.2	459.2	459.1	459.1	459.1	459.1	459.1
	459.0	459.0	459.0	459.1	459.1	459.1	459.1
	459.0	459.0	459.0	459.0	459.1	459.1	459.1
	458.9	458.9	458.8	459.0	458.9	458.9	458.9
	458.9	458.9	458.8	459.0	458.9	458.9	458.9
	458.8	458.8	458.8	458.8	458.9	458.9	458.9
	458.8	458.8	458.8	458.8	458.7	458.7	458.7
	458.7	458.7	458.7	458.8	458.7	458.7	458.7
	458.7	458.6	458.6	458.7	458.6	458.6	458.6
	458.6	458.6	458.6	458.6	458.6	458.6	458.5



## SECTION\_A\_DESIGN\_CASE\_NOD3

458.5	458.5	458.5	458.5	458.4	458.4	458.4	458.4	458.4
458.3	458.5	458.3	458.3	458.4	458.4	458.4	458.4	458.4
458.2	458.3	458.3	458.3	458.3	458.2	458.2	458.2	458.2
458.1	458.1	458.1	458.1	458.1	458.1	458.0	458.0	458.0
458.0	458.1	458.0	458.0	458.0	457.9	457.9	457.8	457.8
457.9	457.9	457.9	457.9	457.9	457.9	457.9	457.8	457.8
457.8	457.8	457.8	457.8	457.8	457.7	457.7	457.7	457.7
457.6	457.8	457.7	457.7	457.7	457.7	457.7	457.7	457.7
457.5	457.6	457.6	457.6	457.6	457.5	457.5	457.5	457.5
457.4	457.6	457.6	457.6	457.5	457.5	457.5	457.5	457.5
457.3	457.4	457.4	457.4	457.4	457.4	457.3	457.3	457.3
457.2	457.3	457.3	457.3	457.4	457.4	457.3	457.3	457.3
457.1	457.2	457.2	457.2	457.2	457.2	457.2	457.1	457.1
457.1	457.1	457.1	457.1	457.2	457.2	457.2	457.1	457.1
456.9	457.1	457.0	457.0	457.0	457.0	457.0	457.0	457.0
456.9	456.9	456.9	456.9	456.9	457.0	457.0	457.0	457.0
456.8	456.9	456.9	456.9	456.8	456.8	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.7	456.8	456.8	456.8	456.8
456.6	456.7	456.7	456.7	456.7	456.6	456.6	456.6	456.6
456.6	456.6	456.6	456.6	456.7	456.6	456.6	456.6	456.6
456.5	456.6	456.6	456.6	456.5	456.6	456.6	456.6	456.6
456.4	456.5	456.5	456.5	456.5	456.5	456.5	456.4	456.4
456.4	456.4	456.4	456.4	456.5	456.5	456.5	456.4	456.4
456.2	456.4	456.3	456.3	456.4	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.2	456.3	456.3	456.3	456.3	456.2
456.1	456.2	456.2	456.2	456.2	456.1	456.1	456.1	456.1
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456.0	456.0	456.0	456.0	456.0	455.9	455.9	455.9	455.9
455.9	455.9	455.9	455.9	455.8	455.9	455.9	455.9	455.9
455.8	455.8	455.8	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.8	455.8	455.8	455.7	455.8	455.8	455.7	455.7
455.6	455.7	455.7	455.7	455.6	455.7	455.7	455.6	455.5
455.5	455.6	455.6	455.6	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.5	455.5	455.6	455.6	455.6	455.5
455.3	455.5	455.5	455.5	455.4	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.4	455.4	455.4	455.4	455.4
455.2	455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
455.2	455.1	455.1	455.1	455.3	455.2	455.2	455.2	455.2
455.1	455.1	455.1	455.1	455.2	455.0	455.0	455.0	454.9
454.9	455.0	455.0	455.0	455.0	455.0	455.0	455.0	454.9
454.6	454.8	454.7	454.7	454.7	455.0	455.0	455.0	454.9
453.8	454.6	454.5	454.4	454.4	454.3	454.1	454.0	453.9
453.8	453.7	453.6	453.6	454.4	454.3	454.1	454.0	453.9
453.4	453.7	453.6	453.6	453.6	454.3	454.1	454.0	453.9
452.6	453.4	453.3	453.2	453.2	453.1	453.0	452.9	452.7
452.6	452.5	452.4	452.4	453.2	453.1	453.0	452.9	452.7
452.3	452.5	452.2	452.0	452.0	451.9	451.8	451.7	451.6
451.5	452.3	452.2	452.0	451.9	451.9	451.8	451.7	451.6
451.1	451.3	451.2	451.2	451.2	451.9	451.8	451.7	451.6
450.3	451.1	451.0	450.9	450.9	450.8	450.6	450.5	450.4
449.9	450.2	450.1	450.1	450.1	450.8	450.6	450.5	450.4
449.1	449.9	449.8	449.7	449.7	449.6	449.5	449.4	449.2
448.8	449.0	448.9	448.9	448.9	449.6	449.5	449.4	449.2
448.0	448.8	448.7	448.5	448.5	448.4	448.3	448.2	448.1
447.6	447.8	447.7	447.7	448.5	448.4	448.3	448.2	448.1
446.8	447.6	447.5	447.4	447.4	448.4	448.3	448.2	448.1
446.4	446.7	446.6	446.6	447.4	447.3	447.1	447.0	446.9
445.6	446.4	446.3	446.2	447.4	447.3	447.1	447.0	446.9
445.3	446.7	446.3	446.2	446.2	446.1	446.0	445.9	445.7
444.5	445.6	445.5	445.4	446.2	446.1	446.0	445.9	445.7
444.1	445.3	445.2	445.0	445.4	444.9	444.8	444.7	444.6
443.3	444.3	444.2	444.0	445.0	444.9	444.8	444.7	444.6
443.3	444.1	444.0	443.9	443.9	443.8	443.6	443.5	443.4
443.3	443.2	443.1	443.1	443.9	443.8	443.6	443.5	443.4
443.3	443.2	443.1	443.1	443.1	443.8	443.6	443.5	443.4

INITIAL HEAD FOR LAYER 25

## SECTION\_A\_DESIGN\_CASE\_NOD3

READING ON UNIT

10 WITH FORMAT: (10G12.5)

	1	2	3	4	5	6	7	
8	11	12	10	13	14	15	16	17
18	21	19	20	23	24	25	26	27
28	31	29	30	33	34	35	36	37
38	41	39	40	43	44	45	46	47
48	51	49	50	53	54	55	56	57
58	61	59	60	63	64	65	66	67
68	71	69	70	73	74	75	76	77
78	81	79	80	83	84	85	86	87
88	91	89	90	93	94	95	96	97
98	101	99	100	103	104	105	106	107
108	111	109	110	113	114	115	116	117
118	121	119	120	123	124	125	126	127
128	131	129	130	133	134	135	136	137
138	141	139	140	143	144	145	146	147
148	151	149	150	153	154	155	156	157
158	161	159	160	163	164	165	166	167
168	171	169	170	173	174	175	176	177
178	181	179	180	183	184	185	186	187
188	191	189	190	193	194	195	196	197
198	201	199	200	203	204	205	206	207
208	211	209	210	213	214	215	216	217
218	221	219	220	223	224	225	226	227
228	231	229	230	233	234	235	236	237
238	241	239	240	243	244	245	246	247
248	251	249	250	253	254	255	256	257
258	261	259	260	263	264	265	266	267
268	271	269	270	273	274	275	276	277
278	281	279	280	283	284	285	286	287
288	291	289	290	293	294	295	296	297
298	301	299	300	303	304	305	306	307
308	311	309	310	313	314	315	316	317

## SECTION\_A\_DESIGN\_CASE\_NOD3

318		319		320					
	321		322		323		324		325
328		329		330					326
	331		332		333		334		335
338		339		340					336
	341		342		343		344		345
348		349		350					346
	351		352		353		354		355
358		359		360					356
	361		362		363		364		365
368		369		370					366
	371		372		373		374		375
378		379		380					376
	381		382		383		384		385
388		389		390					386
	391		392		393		394		395
398		399		400					396
	401		402		403		404		405
408		409		410					406
	411		412		413		414		415
418		419		420					416
	421		422		423		424		425
428		429		430					426
	431		432		433		434		435
438		439		440					436
	441		442		443		444		445
448		449		450					446
	451		452		453		454		455
458		459		460					456
	461		462		463		464		465
468		469		470					466
	471		472		473		474		475
478		479		480					476
	481		482		483		484		485
488		489		490					486
	491		492		493		494		495
498		499		500					496
									497

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1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.7	461.7	461.7
	461.8	461.8	461.8	461.8	461.7	461.7	461.7
	461.7	461.7	461.7	461.7	461.6	461.5	461.5
	461.6	461.6	461.6	461.6	461.6	461.5	461.5
	461.5	461.5	461.5	461.5	461.4	461.4	461.4
	461.5	461.4	461.4	461.4	461.4	461.4	461.4
	461.3	461.3	461.3	461.3	461.2	461.2	461.2
	461.3	461.3	461.3	461.3	461.2	461.2	461.2
	461.2	461.1	461.1	461.1	461.1	461.0	461.0
	461.1	461.1	461.1	461.1	461.0	461.0	461.0
	461.0	461.0	461.0	461.0	460.9	460.8	460.8
	460.9	460.9	460.9	460.9	460.9	460.8	460.8
	460.8	460.8	460.8	460.8	460.7	460.7	460.7
	460.8	460.7	460.7	460.7	460.7	460.7	460.7
	460.6	460.6	460.6	460.6	460.5	460.5	460.5
	460.6	460.6	460.5	460.5	460.5	460.5	460.5
	460.5	460.4	460.4	460.4	460.3	460.3	460.3
	460.4	460.4	460.4	460.4	460.3	460.3	460.3
	460.3	460.3	460.2	460.2	460.2	460.1	460.1
	460.2	460.2	460.2	460.2	460.2	460.1	460.1
	460.1	460.1	460.1	460.1	460.0	460.0	460.0
	460.1	460.0	460.0	460.0	460.0	460.0	460.0
	459.9	459.9	459.9	459.9	460.0	460.0	459.9
	459.9	459.9	459.8	459.8	459.8	459.8	459.8

SECTION\_A\_DESIGN\_CASE\_NOD3

459.8	459.7	459.7	459.7	459.7	459.6	459.6	459.6	459.6
459.6	459.7	459.6	459.6	459.5	459.6	459.6	459.6	459.6
459.5	459.5	459.5	459.5	459.5	459.5	459.5	459.4	459.4
459.4	459.4	459.4	459.4	459.4	459.3	459.3	459.3	459.2
459.3	459.3	459.3	459.3	459.3	459.3	459.3	459.3	459.2
459.2	459.2	459.2	459.2	459.2	459.1	459.1	459.1	459.1
459.0	459.2	459.2	459.2	459.1	459.1	459.1	459.1	459.1
459.0	459.0	459.0	459.0	459.0	458.9	458.9	458.9	458.9
458.9	458.9	458.8	458.8	458.8	458.8	458.7	458.7	458.7
458.8	458.8	458.8	458.8	458.8	458.8	458.7	458.7	458.7
458.7	458.7	458.7	458.7	458.7	458.8	458.7	458.7	458.7
458.6	458.6	458.6	458.6	458.6	458.6	458.6	458.6	458.5
458.5	458.5	458.5	458.5	458.5	458.6	458.6	458.6	458.5
458.5	458.4	458.4	458.4	458.4	458.4	458.4	458.4	458.4
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458.3	458.3	458.3	458.3	458.3	458.2	458.2	458.2	458.2
458.2	458.1	458.1	458.1	458.1	458.2	458.2	458.2	458.2
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458.0	458.0	458.0	458.0	458.0	458.1	458.0	458.0	458.0
457.9	457.9	457.9	457.9	457.9	457.9	457.9	457.8	457.8
457.8	457.8	457.8	457.8	457.8	457.9	457.9	457.8	457.8
457.8	457.7	457.7	457.7	457.7	457.7	457.7	457.7	457.7
457.6	457.6	457.6	457.6	457.6	457.7	457.7	457.7	457.7
457.6	457.6	457.6	457.5	457.5	457.5	457.5	457.5	457.5
457.5	457.4	457.4	457.4	457.4	457.5	457.5	457.5	457.5
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457.3	457.3	457.2	457.2	457.2	457.4	457.3	457.3	457.3
457.2	457.2	457.2	457.2	457.2	457.2	457.2	457.1	457.1
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457.1	457.0	457.0	457.0	457.0	457.0	457.0	457.0	457.0
456.9	456.9	456.9	456.9	456.9	457.0	457.0	457.0	457.0
456.9	456.9	456.9	456.8	456.8	456.8	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.7	456.8	456.8	456.8	456.8
456.7	456.7	456.7	456.7	456.7	456.6	456.6	456.6	456.6
456.6	456.6	456.5	456.5	456.5	456.6	456.6	456.6	456.6
456.5	456.5	456.5	456.5	456.5	456.5	456.5	456.4	456.4
456.4	456.4	456.4	456.4	456.4	456.5	456.5	456.4	456.4
456.4	456.3	456.3	456.3	456.3	456.4	456.4	456.4	456.4
456.2	456.2	456.2	456.2	456.2	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.1	456.1	456.3	456.3	456.3	456.2
456.1	456.0	456.0	456.0	456.0	456.2	456.1	456.1	456.1
456.0	456.0	456.0	456.0	456.0	456.1	456.1	456.1	456.1
455.9	455.9	455.8	455.8	455.8	455.9	455.9	455.9	455.9
455.8	455.8	455.8	455.8	455.8	455.9	455.9	455.9	455.9
455.7	455.7	455.7	455.7	455.7	455.8	455.8	455.7	455.7
455.6	455.6	455.6	455.6	455.6	455.8	455.8	455.7	455.7
455.5	455.5	455.5	455.5	455.5	455.6	455.6	455.6	455.5
455.5	455.5	455.4	455.4	455.4	455.6	455.6	455.6	455.5
455.3	455.3	455.3	455.3	455.3	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.3	455.4	455.4	455.4	455.4
455.2	455.1	455.1	455.1	455.1	455.2	455.2	455.2	455.2
455.1	455.1	455.1	455.0	455.0	455.2	455.2	455.2	455.2
454.9	454.8	454.7	454.7	454.7	455.0	455.0	455.0	454.9
454.6	454.5	454.4	454.4	454.4	455.0	455.0	455.0	454.9
453.8	453.7	453.6	453.6	453.6	454.3	454.1	454.0	453.9
453.4	453.3	453.2	453.2	453.2	454.3	454.1	454.0	453.9
452.6	452.5	452.4	452.4	452.4	453.1	453.0	452.9	452.7
452.3	452.2	452.0	452.0	452.0	453.1	453.0	452.9	452.7
451.5	451.3	451.2	451.2	451.2	451.9	451.8	451.7	451.6
451.1	451.0	450.9	450.9	450.9	451.9	451.8	451.7	451.6
450.3	450.2	450.1	450.1	450.1	450.8	450.6	450.5	450.4
449.9	449.8	449.7	449.7	449.7	450.8	450.6	450.5	450.4
449.1	449.0	448.9	448.9	448.9	449.6	449.5	449.4	449.2

SECTION_A_DESIGN_CASE_NOD3							
448.8	448.7	448.5	448.4	448.3	448.2	448.1	
448.0	447.8	447.7	447.4	447.3	447.1	447.0	446.9
447.6	447.5	447.4	447.3	447.1	447.0	446.9	
446.8	446.7	446.6	446.2	446.1	446.0	445.9	445.7
446.4	446.3	446.2	446.1	446.0	445.9	445.7	
445.6	445.5	445.4	445.0	444.9	444.8	444.7	444.6
445.3	445.2	445.0	444.9	444.8	444.7	444.6	
444.5	444.3	444.2	443.9	443.8	443.6	443.5	443.4
444.1	444.0	443.9	443.8	443.6	443.5	443.4	
443.3	443.2	443.1					

INITIAL HEAD FOR LAYER 26							
READING ON UNIT	10	WITH	FORMAT:	(10G12.5)	26		
1	2	3	4	5	6	7	
8	9	10	11	12	13	14	15
18	19	20	21	22	23	24	25
28	29	30	31	32	33	34	35
38	39	40	41	42	43	44	45
48	49	50	51	52	53	54	55
58	59	60	61	62	63	64	65
68	69	70	71	72	73	74	75
78	79	80	81	82	83	84	85
88	89	90	91	92	93	94	95
98	99	100	101	102	103	104	105
108	109	110	111	112	113	114	115
118	119	120	121	122	123	124	125
128	129	130	131	132	133	134	135
138	139	140	141	142	143	144	145
148	149	150	151	152	153	154	155
158	159	160	161	162	163	164	165
168	169	170	171	172	173	174	175
178	179	180	181	182	183	184	185
188	189	190	191	192	193	194	195
198	199	200	201	202	203	204	205
208	209	210	211	212	213	214	215
218	219	220	221	222	223	224	225
228	229	230	231	232	233	234	235
238	239	240	241	242	243	244	245

## SECTION\_A\_DESIGN\_CASE\_NOD3

248	249	250	251	252	253	254	255	256	257
258	259	260	261	262	263	264	265	266	267
268	269	270	271	272	273	274	275	276	277
278	279	280	281	282	283	284	285	286	287
288	289	290	291	292	293	294	295	296	297
298	299	300	301	302	303	304	305	306	307
308	309	310	311	312	313	314	315	316	317
318	319	320	321	322	323	324	325	326	327
328	329	330	331	332	333	334	335	336	337
338	339	340	341	342	343	344	345	346	347
348	349	350	351	352	353	354	355	356	357
358	359	360	361	362	363	364	365	366	367
368	369	370	371	372	373	374	375	376	377
378	379	380	381	382	383	384	385	386	387
388	389	390	391	392	393	394	395	396	397
398	399	400	401	402	403	404	405	406	407
408	409	410	411	412	413	414	415	416	417
418	419	420	421	422	423	424	425	426	427
428	429	430	431	432	433	434	435	436	437
438	439	440	441	442	443	444	445	446	447
448	449	450	451	452	453	454	455	456	457
458	459	460	461	462	463	464	465	466	467
468	469	470	471	472	473	474	475	476	477
478	479	480	481	482	483	484	485	486	487
488	489	490	491	492	493	494	495	496	497
498	499	500							

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1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.8	461.7	461.7
	461.8	461.8	461.7	461.7	461.7	461.7	461.7
	461.7	461.7	461.6	461.6	461.6	461.6	461.5
	461.6	461.6	461.5	461.5	461.5	461.5	461.5
	461.5	461.5	461.4	461.4	461.4	461.4	461.4
	461.5	461.4	461.3	461.3	461.3	461.4	461.4
	461.3	461.3	461.3	461.3	461.2	461.2	461.2
	461.3	461.3	461.3	461.3	461.2	461.2	461.2
	461.2	461.1	461.1	461.1	461.1	461.2	461.2
	461.1	461.1	461.1	461.1	461.0	461.0	461.0

## SECTION\_A\_DESIGN\_CASE\_NOD3

461.0	461.0	461.0	461.0				
460.9	460.9	460.9	460.9	460.9	460.9	460.8	460.8
460.8	460.8	460.8	460.8				
460.8	460.7	460.7	460.7	460.7	460.7	460.7	460.7
460.6	460.6	460.6	460.6				
460.6	460.6	460.6	460.5	460.5	460.5	460.5	460.5
460.5	460.4	460.4	460.4	460.4	460.3	460.3	460.3
460.4	460.4	460.4	460.4				
460.3	460.3	460.3	460.2	460.2	460.2	460.1	460.1
460.2	460.2	460.2	460.2				
460.1	460.1	460.1	460.1				
460.1	460.0	460.0	460.0	460.0	460.0	460.0	459.9
459.9	459.9	459.9	459.9				
459.9	459.9	459.9	459.8	459.8	459.8	459.8	459.8
459.8	459.7	459.7	459.7				
459.7	459.7	459.7	459.7	459.6	459.6	459.6	459.6
459.6	459.6	459.6	459.5	459.5	459.5	459.4	459.4
459.5	459.5	459.5	459.5				
459.4	459.4	459.4	459.4	459.5	459.5	459.4	459.4
459.3	459.3	459.3	459.3	459.3	459.3	459.3	459.2
459.2	459.2	459.2	459.2				
459.2	459.2	459.2	459.1	459.1	459.1	459.1	459.1
459.0	459.0	459.0	459.0				
459.0	459.0	459.0	459.0	458.9	458.9	458.9	458.9
458.9	458.9	458.9	458.8	458.8	458.7	458.7	458.7
458.8	458.8	458.8	458.8				
458.7	458.7	458.7	458.7	458.8	458.7	458.7	458.7
458.6	458.6	458.6	458.6	458.6	458.6	458.6	458.5
458.5	458.5	458.5	458.5				
458.5	458.4	458.4	458.4	458.4	458.4	458.4	458.4
458.3	458.3	458.3	458.3	458.4	458.4	458.4	458.4
458.3	458.3	458.3	458.3	458.2	458.2	458.2	458.2
458.2	458.2	458.2	458.2				
458.1	458.1	458.1	458.1	458.2	458.2	458.2	458.2
458.1	458.1	458.1	458.1	458.1	458.0	458.0	458.0
458.0	458.0	458.0	458.0				
457.9	457.9	457.9	457.9	457.9	457.9	457.8	457.8
457.8	457.8	457.8	457.8				
457.8	457.7	457.7	457.7	457.7	457.7	457.7	457.7
457.6	457.6	457.6	457.6				
457.6	457.6	457.6	457.5	457.5	457.5	457.5	457.5
457.5	457.4	457.4	457.4	457.4	457.3	457.3	457.3
457.4	457.4	457.4	457.4				
457.3	457.3	457.3	457.2	457.2	457.2	457.1	457.1
457.2	457.2	457.2	457.2	457.2	457.2	457.1	457.1
457.1	457.1	457.1	457.1				
457.1	457.0	457.0	457.0	457.0	457.0	457.0	457.0
456.9	456.9	456.9	456.9				
456.9	456.9	456.9	456.8	456.8	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.7	456.6	456.6	456.6
456.7	456.7	456.7	456.7				
456.6	456.6	456.6	456.5	456.5	456.5	456.4	456.4
456.5	456.5	456.5	456.5				
456.4	456.4	456.4	456.4	456.5	456.5	456.4	456.4
456.4	456.3	456.3	456.3	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.2				
456.2	456.2	456.2	456.1	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	456.1	456.1	456.1	456.1
456.0	456.0	456.0	456.0	455.9	455.9	455.9	455.9
455.9	455.9	455.9	455.8	455.8	455.8	455.7	455.7
455.8	455.8	455.8	455.8				
455.7	455.7	455.7	455.7	455.8	455.8	455.7	455.7
455.6	455.6	455.6	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.5				
455.5	455.5	455.5	455.4	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3				

## SECTION\_A\_DESIGN\_CASE\_NOD3

455.3	455.3	455.3	455.2	455.2	455.2	455.2
455.2	455.1	455.1	455.1	455.0	455.0	454.9
454.9	454.8	454.7	454.7	454.3	454.1	453.9
453.8	453.7	453.6	453.6	453.1	453.0	452.9
452.6	452.5	452.4	452.4	451.9	451.8	451.7
451.5	451.3	451.2	451.2	450.9	450.8	450.6
450.3	450.2	450.1	450.1	449.7	449.6	449.5
449.1	449.0	448.9	448.9	448.5	448.4	448.3
448.0	447.8	447.7	447.7	447.4	447.3	447.1
446.8	446.7	446.6	446.6	446.2	446.1	446.0
445.6	445.5	445.4	445.4	445.0	444.9	444.8
444.5	444.3	444.2	444.2	443.9	443.8	443.6
443.3	443.2	443.1	443.1			

READING ON UNIT	INITIAL HEAD FOR LAYER 27 WITH FORMAT: (10G12.5)						
10	1	2	3	4	5	6	7
8	11	12	13	14	15	16	17
18	21	22	23	24	25	26	27
28	31	32	33	34	35	36	37
38	41	42	43	44	45	46	47
48	51	52	53	54	55	56	57
58	61	62	63	64	65	66	67
68	71	72	73	74	75	76	77
78	81	82	83	84	85	86	87
88	91	92	93	94	95	96	97
98	101	102	103	104	105	106	107
108	111	112	113	114	115	116	117
118	121	122	123	124	125	126	127
128	131	132	133	134	135	136	137
138	141	142	143	144	145	146	147
148	151	152	153	154	155	156	157
158	161	162	163	164	165	166	167
168	171	172	173	174	175	176	177



## SECTION\_A\_DESIGN\_CASE\_NOD3

178	179	180	181	182	183	184	185	186	187
188	189	190	191	192	193	194	195	196	197
198	199	200	201	202	203	204	205	206	207
208	209	210	211	212	213	214	215	216	217
218	219	220	221	222	223	224	225	226	227
228	229	230	231	232	233	234	235	236	237
238	239	240	241	242	243	244	245	246	247
248	249	250	251	252	253	254	255	256	257
258	259	260	261	262	263	264	265	266	267
268	269	270	271	272	273	274	275	276	277
278	279	280	281	282	283	284	285	286	287
288	289	290	291	292	293	294	295	296	297
298	299	300	301	302	303	304	305	306	307
308	309	310	311	312	313	314	315	316	317
318	319	320	321	322	323	324	325	326	327
328	329	330	331	332	333	334	335	336	337
338	339	340	341	342	343	344	345	346	347
348	349	350	351	352	353	354	355	356	357
358	359	360	361	362	363	364	365	366	367
368	369	370	371	372	373	374	375	376	377
378	379	380	381	382	383	384	385	386	387
388	389	390	391	392	393	394	395	396	397
398	399	400	401	402	403	404	405	406	407
408	409	410	411	412	413	414	415	416	417
418	419	420	421	422	423	424	425	426	427
428	429	430	431	432	433	434	435	436	437
438	439	440	441	442	443	444	445	446	447
448	449	450	451	452	453	454	455	456	457
458	459	460	461	462	463	464	465	466	467
468	469	470	471	472	473	474	475	476	477
478	479	480	481	482	483	484	485	486	487
488	489	490	491	492	493	494	495	496	497
498	499	500							

## SECTION\_A\_DESIGN\_CASE\_NOD3

1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8				
	461.8	461.8	461.8	461.8	461.7	461.7	461.7
	461.7	461.7	461.7				
	461.6	461.6	461.6	461.6	461.6	461.5	461.5
	461.5	461.5	461.5				
	461.5	461.4	461.4	461.4	461.4	461.4	461.4
	461.3	461.3	461.3				
	461.3	461.3	461.3	461.2	461.2	461.2	461.2
	461.2	461.1	461.1				
	461.1	461.1	461.1	461.1	461.0	461.0	461.0
	461.0	461.0	461.0				
	460.9	460.9	460.9	460.9	460.9	460.8	460.8
	460.8	460.8	460.8				
	460.8	460.7	460.7	460.7	460.7	460.7	460.7
	460.6	460.6	460.6				
	460.6	460.6	460.5	460.5	460.5	460.5	460.5
	460.5	460.4	460.4				
	460.4	460.4	460.4	460.4	460.3	460.3	460.3
	460.3	460.3	460.2				
	460.2	460.2	460.2	460.2	460.2	460.1	460.1
	460.1	460.1	460.1				
	460.1	460.0	460.0	460.0	460.0	460.0	459.9
	459.9	459.9	459.9				
	459.9	459.9	459.8	459.8	459.8	459.8	459.8
	459.8	459.7	459.7				
	459.7	459.7	459.7	459.6	459.6	459.6	459.6
	459.6	459.6	459.5				
	459.5	459.5	459.5	459.5	459.5	459.4	459.4
	459.4	459.4	459.4				
	459.3	459.3	459.3	459.3	459.3	459.3	459.2
	459.2	459.2	459.2				
	459.2	459.2	459.1	459.1	459.1	459.1	459.1
	459.0	459.0	459.0				
	459.0	459.0	459.0	458.9	458.9	458.9	458.9
	458.9	458.9	458.8				
	458.8	458.8	458.8	458.8	458.7	458.7	458.7
	458.7	458.7	458.7				
	458.6	458.6	458.6	458.6	458.6	458.6	458.5
	458.5	458.5	458.5				
	458.5	458.4	458.4	458.4	458.4	458.4	458.4
	458.3	458.3	458.3				
	458.3	458.3	458.3	458.2	458.2	458.2	458.2
	458.2	458.1	458.1				
	458.1	458.1	458.1	458.1	458.0	458.0	458.0
	458.0	458.0	458.0				
	457.9	457.9	457.9	457.9	457.9	457.8	457.8
	457.8	457.8	457.8				
	457.8	457.7	457.7	457.7	457.7	457.7	457.7
	457.6	457.6	457.6				
	457.6	457.6	457.5	457.5	457.5	457.5	457.5
	457.5	457.4	457.4				
	457.4	457.4	457.4	457.4	457.3	457.3	457.3
	457.3	457.3	457.2				
	457.2	457.2	457.2	457.2	457.2	457.1	457.1
	457.1	457.1	457.1				
	457.1	457.0	457.0	457.0	457.0	457.0	457.0
	456.9	456.9	456.9				
	456.9	456.9	456.8	456.8	456.8	456.8	456.8
	456.8	456.7	456.7				
	456.7	456.7	456.7	456.6	456.6	456.6	456.6
	456.6	456.6	456.5				

SECTION\_A\_DESIGN\_CASE\_NOD3

456.5	456.5	456.5	456.5	456.5	456.5	456.4	456.4
456.4	456.4	456.4	456.4	456.4	456.4	456.3	456.2
456.2	456.2	456.3	456.3	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.2	456.2	456.2	456.1	456.1
456.1	456.2	456.2	456.1	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	456.0	456.0	455.9	455.9
455.9	456.0	456.0	456.0	456.0	455.9	455.9	455.9
455.9	455.9	455.8	455.8	455.8	455.8	455.7	455.7
455.8	455.8	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.7	455.7	455.7	455.7	455.6	455.6	455.5
455.6	455.6	455.6	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.5	455.5	455.4	455.4	455.4
455.5	455.5	455.5	455.4	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.3	455.2	455.2	455.2
455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
455.2	455.1	455.1	455.1	455.1	455.0	455.0	454.9
455.1	455.1	455.1	455.0	455.0	455.0	455.0	454.9
454.9	454.8	454.7	454.7	454.7	454.3	454.0	453.9
454.6	454.5	454.4	454.4	454.3	454.1	454.0	453.9
453.8	453.7	453.6	453.6	453.1	453.0	452.9	452.7
453.4	453.3	453.2	453.2	453.1	453.0	452.9	452.7
452.6	452.5	452.4	452.4	451.9	451.8	451.7	451.6
452.3	452.2	452.0	452.0	451.9	451.8	451.7	451.6
451.5	451.3	451.2	451.2	450.8	450.6	450.5	450.4
451.1	451.0	450.9	450.9	450.8	450.6	450.5	450.4
450.3	450.2	450.1	450.1	449.6	449.5	449.4	449.2
449.9	449.8	449.7	449.7	449.6	449.5	449.4	449.2
449.1	449.0	448.9	448.9	448.4	448.3	448.2	448.1
448.8	448.7	448.5	448.5	448.4	448.3	448.2	448.1
448.0	447.8	447.7	447.7	447.3	447.1	447.0	446.9
447.6	447.5	447.4	447.4	447.3	447.1	447.0	446.9
446.8	446.7	446.6	446.6	446.1	446.0	445.9	445.7
446.4	446.3	446.2	446.2	446.1	446.0	445.9	445.7
445.6	445.5	445.4	445.4	444.9	444.8	444.7	444.6
445.3	445.2	445.0	445.0	444.9	444.8	444.7	444.6
444.5	444.3	444.2	444.2	443.8	443.6	443.5	443.4
444.1	444.0	443.9	443.9	443.8	443.6	443.5	443.4
443.3	443.2	443.1	443.1	443.8	443.6	443.5	443.4

READING ON UNIT	INITIAL HEAD FOR LAYER 28 WITH FORMAT: (10G12.5)							
1	2	3	4	5	6	7		
8	9	10	11	12	13	14	15	16
18	19	20	21	22	23	24	25	26
28	29	30	31	32	33	34	35	36
38	39	40	41	42	43	44	45	46
48	49	50	51	52	53	54	55	56
58	59	60	61	62	63	64	65	66
68	69	70	71	72	73	74	75	76
78	79	80	81	82	83	84	85	86
88	89	90	91	92	93	94	95	96
98	99	100	101	102	103	104	105	106
101	102	103	104	105	106	107		

## SECTION\_A\_DESIGN\_CASE\_NOD3

108	109	110	111	112	113	114	115	116	117
118	119	120	121	122	123	124	125	126	127
128	129	130	131	132	133	134	135	136	137
138	139	140	141	142	143	144	145	146	147
148	149	150	151	152	153	154	155	156	157
158	159	160	161	162	163	164	165	166	167
168	169	170	171	172	173	174	175	176	177
178	179	180	181	182	183	184	185	186	187
188	189	190	191	192	193	194	195	196	197
198	199	200	201	202	203	204	205	206	207
208	209	210	211	212	213	214	215	216	217
218	219	220	221	222	223	224	225	226	227
228	229	230	231	232	233	234	235	236	237
238	239	240	241	242	243	244	245	246	247
248	249	250	251	252	253	254	255	256	257
258	259	260	261	262	263	264	265	266	267
268	269	270	271	272	273	274	275	276	277
278	279	280	281	282	283	284	285	286	287
288	289	290	291	292	293	294	295	296	297
298	299	300	301	302	303	304	305	306	307
308	309	310	311	312	313	314	315	316	317
318	319	320	321	322	323	324	325	326	327
328	329	330	331	332	333	334	335	336	337
338	339	340	341	342	343	344	345	346	347
348	349	350	351	352	353	354	355	356	357
358	359	360	361	362	363	364	365	366	367
368	369	370	371	372	373	374	375	376	377
378	379	380	381	382	383	384	385	386	387
388	389	390	391	392	393	394	395	396	397
398	399	400	401	402	403	404	405	406	407
408	409	410	411	412	413	414	415	416	417
418	419	420	421	422	423	424	425	426	427
428	429	430							

## SECTION\_A\_DESIGN\_CASE\_NOD3

431	432	433	434	435	436	437
438	439	440	443	444	445	446
441	442	448	449	450	451	452
448	449	451	452	453	454	455
451	452	458	459	460	463	464
458	459	461	462	468	469	470
461	462	471	472	478	479	480
468	469	481	482	488	489	490
471	472	491	492	498	499	500
478	479					
481	482					
488	489					
491	492					
498	499					

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1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8				
	461.8	461.8	461.8	461.8	461.7	461.7	461.7
	461.7	461.7	461.7				
	461.6	461.6	461.6	461.6	461.6	461.5	461.5
	461.5	461.5	461.5				
	461.5	461.4	461.4	461.4	461.4	461.4	461.4
	461.3	461.3	461.3				
	461.3	461.3	461.3	461.2	461.2	461.2	461.2
	461.2	461.1	461.1				
	461.1	461.1	461.1	461.1	461.0	461.0	461.0
	461.0	461.0	461.0				
	460.9	460.9	460.9	460.9	460.9	460.8	460.8
	460.8	460.8	460.8				
	460.8	460.7	460.7	460.7	460.7	460.7	460.7
	460.6	460.6	460.6				
	460.6	460.6	460.5	460.5	460.5	460.5	460.5
	460.5	460.4	460.4				
	460.4	460.4	460.4	460.4	460.3	460.3	460.3
	460.3	460.3	460.2				
	460.2	460.2	460.2	460.2	460.2	460.1	460.1
	460.1	460.1	460.1				
	460.1	460.0	460.0	460.0	460.0	460.0	459.9
	459.9	459.9	459.9				
	459.9	459.9	459.8	459.8	459.8	459.8	459.8
	459.8	459.7	459.7				
	459.7	459.7	459.7	459.6	459.6	459.6	459.6
	459.6	459.6	459.5				
	459.5	459.5	459.5	459.5	459.5	459.4	459.4
	459.4	459.4	459.4				
	459.3	459.3	459.3	459.3	459.3	459.3	459.2
	459.2	459.2	459.2				
	459.2	459.2	459.1	459.1	459.1	459.1	459.1
	459.0	459.0	459.0				
	459.0	459.0	459.0	458.9	458.9	458.9	458.9
	458.9	458.9	458.8				
	458.8	458.8	458.8	458.8	458.7	458.7	458.7
	458.7	458.7	458.7				
	458.6	458.6	458.6	458.6	458.6	458.6	458.5
	458.5	458.5	458.5				
	458.5	458.4	458.4	458.4	458.4	458.4	458.4
	458.3	458.3	458.3				
	458.3	458.3	458.3	458.2	458.2	458.2	458.2
	458.2	458.1	458.1				
	458.1	458.1	458.1	458.1	458.0	458.0	458.0
	458.0	458.0	458.0				
	457.9	457.9	457.9	457.9	457.9	457.8	457.8
	457.8	457.8	457.8				

SECTION\_A\_DESIGN\_CASE\_NOD3

457.8	457.7	457.7	457.7	457.7	457.7	457.7	457.7
457.6	457.6	457.6	457.6	457.5	457.5	457.5	457.5
457.5	457.4	457.4	457.4	457.4	457.3	457.3	457.3
457.3	457.3	457.2	457.2	457.2	457.2	457.1	457.1
457.1	457.1	457.0	457.0	457.0	457.0	457.0	457.0
456.9	456.9	456.9	456.9	456.8	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.7	456.6	456.6	456.6
456.6	456.6	456.5	456.5	456.5	456.5	456.4	456.4
456.4	456.4	456.3	456.3	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.2	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	456.0	455.9	455.9	455.9
455.9	455.9	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.7	455.7	455.7	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.4	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
455.2	455.1	455.1	455.1	455.0	455.0	455.0	454.9
454.9	454.8	454.7	454.7	454.4	454.3	454.1	453.9
453.8	453.7	453.6	453.6	453.2	453.1	453.0	452.7
452.6	452.5	452.4	452.4	452.0	451.9	451.8	451.6
451.5	451.3	451.2	451.2	450.9	450.8	450.6	450.4
450.3	450.2	450.1	450.1	449.7	449.6	449.5	449.2
449.1	449.0	448.9	448.9	448.5	448.4	448.3	448.1
448.0	447.8	447.7	447.7	447.4	447.3	447.1	446.9
446.8	446.7	446.6	446.6	446.2	446.1	446.0	445.9
445.6	445.5	445.4	445.4	445.0	444.9	444.8	444.6
444.5	444.3	444.2	444.2	443.9	443.8	443.6	443.4
443.3	443.2	443.1	443.1				

READING ON UNIT		INITIAL HEAD FOR LAYER 29 10 WITH FORMAT: (10G12.5)						
	1	2	3	4	5	6	7	
8		9	10					
18	11	12	13	14	15	16	17	
	21	22	23	24	25	26	27	
28		29	30					
	31	32	33	34	35	36	37	

## SECTION\_A\_DESIGN\_CASE\_NOD3

38		39		40					
48	41	49	42	50	43	44	45	46	47
	51		52		53	54	55	56	57
58		59		60					
	61		62		63	64	65	66	67
68		69		70					
	71		72		73	74	75	76	77
78		79		80					
	81		82		83	84	85	86	87
88		89		90					
	91		92		93	94	95	96	97
98		99		100					
	101		102		103	104	105	106	107
108		109		110					
	111		112		113	114	115	116	117
118		119		120					
	121		122		123	124	125	126	127
128		129		130					
	131		132		133	134	135	136	137
138		139		140					
	141		142		143	144	145	146	147
148		149		150					
	151		152		153	154	155	156	157
158		159		160					
	161		162		163	164	165	166	167
168		169		170					
	171		172		173	174	175	176	177
178		179		180					
	181		182		183	184	185	186	187
188		189		190					
	191		192		193	194	195	196	197
198		199		200					
	201		202		203	204	205	206	207
208		209		210					
	211		212		213	214	215	216	217
218		219		220					
	221		222		223	224	225	226	227
228		229		230					
	231		232		233	234	235	236	237
238		239		240					
	241		242		243	244	245	246	247
248		249		250					
	251		252		253	254	255	256	257
258		259		260					
	261		262		263	264	265	266	267
268		269		270					
	271		272		273	274	275	276	277
278		279		280					
	281		282		283	284	285	286	287
288		289		290					
	291		292		293	294	295	296	297
298		299		300					
	301		302		303	304	305	306	307
308		309		310					
	311		312		313	314	315	316	317
318		319		320					
	321		322		323	324	325	326	327
328		329		330					
	331		332		333	334	335	336	337
338		339		340					
	341		342		343	344	345	346	347
348		349		350					
	351		352		353	354	355	356	357
358		359		360					

SECTION\_A\_DESIGN\_CASE\_NOD3

361	362	363	364	365	366	367
368	369	370	373	374	375	376
378	379	380	383	384	385	386
388	389	390	393	394	395	396
398	399	400	403	404	405	406
408	409	410	413	414	415	416
418	419	420	423	424	425	426
428	429	430	433	434	435	436
438	439	440	443	444	445	446
448	449	450	453	454	455	456
458	459	460	463	464	465	466
468	469	470	473	474	475	476
478	479	480	483	484	485	486
488	489	490	493	494	495	496
498	499	500				

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1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.7	461.7	461.7
	461.8	461.8	461.7	461.6	461.6	461.5	461.5
	461.7	461.7	461.6	461.5	461.4	461.4	461.4
	461.6	461.6	461.5	461.4	461.4	461.4	461.4
	461.5	461.5	461.4	461.3	461.3	461.2	461.2
	461.5	461.4	461.3	461.3	461.2	461.2	461.2
	461.3	461.3	461.3	461.2	461.2	461.2	461.2
	461.3	461.3	461.3	461.2	461.2	461.2	461.2
	461.2	461.1	461.1	461.1	461.1	461.0	461.0
	461.1	461.1	461.1	461.1	461.0	461.0	461.0
	461.0	461.0	461.0	460.9	460.9	460.8	460.8
	460.9	460.9	460.9	460.9	460.9	460.8	460.8
	460.8	460.8	460.8	460.7	460.7	460.7	460.7
	460.8	460.7	460.7	460.7	460.7	460.7	460.7
	460.6	460.6	460.6	460.5	460.5	460.5	460.5
	460.6	460.6	460.5	460.5	460.5	460.5	460.5
	460.5	460.4	460.4	460.4	460.4	460.3	460.3
	460.5	460.4	460.4	460.4	460.3	460.3	460.3
	460.4	460.4	460.4	460.4	460.3	460.3	460.3
	460.3	460.3	460.2	460.2	460.2	460.1	460.1
	460.2	460.2	460.2	460.2	460.2	460.1	460.1
	460.1	460.1	460.1	460.1	460.1	460.1	460.1
	460.1	460.0	460.0	460.0	460.0	460.0	459.9
	459.9	459.9	459.9	459.8	459.8	459.8	459.8
	459.9	459.9	459.8	459.8	459.8	459.8	459.8
	459.8	459.7	459.7	459.6	459.6	459.6	459.6
	459.8	459.7	459.7	459.6	459.6	459.6	459.6
	459.7	459.7	459.5	459.5	459.5	459.4	459.4
	459.6	459.6	459.5	459.5	459.5	459.4	459.4
	459.6	459.5	459.5	459.5	459.5	459.4	459.4
	459.5	459.5	459.4	459.3	459.3	459.3	459.2
	459.4	459.4	459.3	459.3	459.3	459.3	459.2
	459.4	459.3	459.3	459.3	459.3	459.3	459.2
	459.3	459.3	459.2	459.1	459.1	459.1	459.1
	459.2	459.2	459.2	459.1	459.1	459.1	459.1
	459.2	459.2	459.1	459.1	459.1	459.1	459.1
	459.0	459.0	459.0				



## SECTION\_A\_DESIGN\_CASE\_NOD3

459.0	459.0	459.0	458.9	458.9	458.9	458.9
458.9	458.9	458.8	458.8	458.7	458.7	458.7
458.8	458.8	458.8	458.8	458.7	458.7	458.7
458.7	458.7	458.7	458.7	458.6	458.6	458.5
458.6	458.6	458.6	458.6	458.6	458.6	458.5
458.5	458.5	458.5	458.5	458.4	458.4	458.4
458.5	458.4	458.4	458.4	458.4	458.4	458.4
458.3	458.3	458.3	458.3	458.2	458.2	458.2
458.3	458.3	458.3	458.3	458.2	458.2	458.2
458.2	458.1	458.1	458.1	458.1	458.0	458.0
458.1	458.1	458.1	458.1	458.1	458.0	458.0
458.0	458.0	458.0	458.0	458.0	458.0	458.0
457.9	457.9	457.9	457.9	457.9	457.8	457.8
457.8	457.8	457.8	457.8	457.9	457.8	457.8
457.8	457.7	457.7	457.7	457.7	457.7	457.7
457.6	457.6	457.6	457.6	457.7	457.7	457.7
457.6	457.6	457.6	457.5	457.5	457.5	457.5
457.5	457.4	457.4	457.4	457.5	457.5	457.5
457.4	457.4	457.4	457.4	457.3	457.3	457.3
457.3	457.3	457.2	457.2	457.3	457.3	457.3
457.2	457.2	457.2	457.2	457.2	457.1	457.1
457.1	457.1	457.1	457.1	457.2	457.1	457.1
457.1	457.0	457.0	457.0	457.0	457.0	457.0
456.9	456.9	456.9	456.9	457.0	457.0	457.0
456.9	456.9	456.8	456.8	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.6	456.6	456.6
456.6	456.6	456.5	456.5	456.6	456.6	456.6
456.5	456.5	456.5	456.5	456.5	456.4	456.4
456.4	456.4	456.4	456.3	456.5	456.4	456.4
456.4	456.3	456.3	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.2	456.3	456.3	456.2
456.2	456.2	456.1	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	456.1	456.1	456.1
456.0	456.0	456.0	456.0	455.9	455.9	455.9
455.9	455.9	455.8	455.8	455.9	455.9	455.9
455.8	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.7	455.7	455.7	455.8	455.7	455.7
455.6	455.6	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.5	455.6	455.6	455.5
455.5	455.5	455.4	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.2	455.2	455.2
455.2	455.1	455.1	455.1	455.2	455.2	455.2
455.1	455.1	455.0	455.0	455.0	455.0	454.9
454.9	454.8	454.7	454.7	455.0	455.0	454.9
454.6	454.5	454.4	454.4	454.3	454.1	453.9
453.8	453.7	453.6	453.6	454.3	454.0	453.9
453.4	453.3	453.2	453.2	454.1	454.0	453.9
452.6	452.5	452.4	452.4	453.1	453.0	452.7
452.3	452.2	452.0	452.0	453.0	452.9	452.7
451.5	451.3	451.2	451.2	451.9	451.8	451.6
451.1	451.0	450.9	450.9	451.8	451.7	451.6
450.3	450.2	450.1	450.1	450.8	450.6	450.4
449.9	449.8	449.7	449.7	450.6	450.5	450.4
449.1	449.0	448.9	448.9	449.6	449.5	449.2
448.8	448.7	448.5	448.5	449.5	449.4	449.2
448.0	447.8	447.7	447.7	448.4	448.3	448.1
447.6	447.5	447.4	447.4	448.4	448.3	448.1
446.8	446.7	446.6	446.6	447.3	447.1	446.9
446.4	446.3	446.2	446.2	447.3	447.0	446.9
445.6	445.5	445.4	445.4	446.1	446.0	445.7
445.3	445.2	445.0	445.0	446.0	445.9	445.7
444.5	444.3	444.2	444.2	444.9	444.8	444.6
444.1	444.0	443.9	443.9	444.7	444.7	444.6
				443.8	443.6	443.4

## SECTION\_A\_DESIGN\_CASE\_NOD3

443.3

443.2

443.1

READING ON UNIT	INITIAL HEAD FOR LAYER 30 WITH FORMAT: (10G12.5)						
	1	2	3	4	5	6	7
8	11	12	13	14	15	16	17
18	21	22	23	24	25	26	27
28	31	32	33	34	35	36	37
38	41	42	43	44	45	46	47
48	51	52	53	54	55	56	57
58	61	62	63	64	65	66	67
68	71	72	73	74	75	76	77
78	81	82	83	84	85	86	87
88	91	92	93	94	95	96	97
98	101	102	103	104	105	106	107
108	111	112	113	114	115	116	117
118	121	122	123	124	125	126	127
128	131	132	133	134	135	136	137
138	141	142	143	144	145	146	147
148	151	152	153	154	155	156	157
158	161	162	163	164	165	166	167
168	171	172	173	174	175	176	177
178	181	182	183	184	185	186	187
188	191	192	193	194	195	196	197
198	201	202	203	204	205	206	207
208	211	212	213	214	215	216	217
218	221	222	223	224	225	226	227
228	231	232	233	234	235	236	237
238	241	242	243	244	245	246	247
248	251	252	253	254	255	256	257
258	261	262	263	264	265	266	267
268	271	272	273	274	275	276	277
278	281	282	283	284	285	286	287
288		289	290				

SECTION\_A\_DESIGN\_CASE\_NOD3

291	292	293	294	295	296	297
298	299	300	303	304	305	306
301	302	308	310	313	314	315
308	309	311	312	318	319	320
311	312	318	321	322	323	324
318	319	328	329	331	332	333
321	322	338	339	341	342	343
328	329	348	349	351	352	353
331	332	358	359	361	362	363
338	339	368	369	371	372	373
341	342	378	379	381	382	383
348	349	388	389	391	392	393
351	352	398	399	401	402	403
358	359	408	409	411	412	413
361	362	418	419	421	422	423
368	369	428	429	431	432	433
371	372	438	439	441	442	443
378	379	448	449	451	452	453
381	382	458	459	461	462	463
388	389	468	469	471	472	473
391	392	478	479	481	482	483
398	399	488	489	491	492	493
401	402	498	499	500		

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1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.7	461.7	461.7
	461.8	461.8	461.7	461.7	461.6	461.5	461.5
	461.7	461.7	461.6	461.6	461.5	461.4	461.4
	461.6	461.6	461.5	461.5	461.4	461.3	461.3
	461.5	461.5	461.4	461.4	461.3	461.2	461.2
	461.5	461.4	461.3	461.3	461.2	461.1	461.1
	461.3	461.3	461.1	461.1	461.0	461.0	461.0
	461.3	461.1	461.0	461.0	460.9	460.8	460.8
	461.2	461.1	460.9	460.9	460.8	460.7	460.7
	461.1	461.1	460.8	460.8	460.7	460.6	460.6
	461.0	461.0	460.7	460.7	460.6	460.5	460.5
	460.9	460.9	460.6	460.6	460.5	460.4	460.4
	460.8	460.8	460.5	460.5	460.4	460.3	460.3
	460.8	460.7	460.4	460.4	460.3	460.2	460.2
	460.6	460.6	460.4	460.4	460.3		
	460.6	460.6	460.4	460.4	460.3		
	460.5	460.4	460.4	460.4	460.3		
	460.5	460.4	460.4	460.4	460.3		
	460.4	460.4	460.2				

SECTION\_A\_DESIGN\_CASE\_NOD3

460.2	460.2	460.2	460.2	460.2	460.2	460.1	460.1
460.1	460.1	460.1	460.1	460.1	460.1	460.0	459.9
459.9	459.9	459.9	459.9	459.9	459.9	459.8	459.8
459.8	459.7	459.7	459.7	459.7	459.7	459.6	459.6
459.6	459.6	459.6	459.6	459.6	459.6	459.5	459.4
459.4	459.4	459.4	459.4	459.4	459.4	459.3	459.2
459.2	459.2	459.2	459.2	459.2	459.2	459.1	459.1
459.0	459.0	459.0	459.0	459.0	458.9	458.9	458.9
458.9	458.9	458.8	458.8	458.8	458.8	458.7	458.7
458.7	458.7	458.7	458.7	458.7	458.7	458.6	458.5
458.5	458.5	458.5	458.5	458.5	458.5	458.4	458.4
458.3	458.3	458.3	458.3	458.3	458.3	458.2	458.2
458.2	458.1	458.1	458.1	458.1	458.1	458.0	458.0
458.0	458.0	458.0	458.0	458.0	457.9	457.9	457.8
457.8	457.8	457.8	457.8	457.8	457.8	457.7	457.7
457.6	457.6	457.6	457.6	457.6	457.6	457.5	457.5
457.5	457.4	457.4	457.4	457.4	457.4	457.3	457.3
457.3	457.3	457.3	457.3	457.3	457.3	457.2	457.1
457.2	457.2	457.2	457.2	457.2	457.2	457.1	457.0
457.1	457.1	457.1	457.1	457.1	457.0	457.0	457.0
456.9	456.9	456.9	456.9	456.9	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.7	456.7	456.6	456.6
456.6	456.6	456.6	456.6	456.6	456.6	456.5	456.4
456.5	456.5	456.5	456.5	456.5	456.5	456.5	456.4
456.4	456.4	456.4	456.4	456.4	456.4	456.3	456.2
456.2	456.2	456.2	456.2	456.2	456.2	456.1	456.1
456.1	456.0	456.0	456.0	456.0	456.0	455.9	455.9
455.9	455.9	455.9	455.9	455.9	455.9	455.8	455.7
455.8	455.8	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.7	455.7	455.7	455.7	455.6	455.6	455.5
455.6	455.6	455.6	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.5	455.5	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.3	455.4	455.4	455.4
455.2	455.2	455.2	455.2	455.2	455.2	455.2	455.2
455.1	455.1	455.1	455.1	455.1	455.1	455.1	454.9
454.9	454.8	454.7	454.7	454.7	454.6	454.6	453.9
453.8	453.7	453.6	453.6	453.6	453.5	453.5	452.7
452.6	452.5	452.4	452.4	452.4	452.3	452.3	452.7
452.3	452.2	452.0	452.0	452.0	451.9	451.8	451.6

SECTION_A_DESIGN_CASE_NOD3									
451.5	451.1	451.3	451.0	451.2	450.9	450.8	450.6	450.5	450.4
449.9	449.8	449.7	449.6	449.5	449.4	449.3	449.2	449.1	449.0
448.8	448.7	448.6	448.5	448.4	448.3	448.2	448.1	448.0	447.9
447.6	447.5	447.4	447.3	447.2	447.1	447.0	446.9	446.8	446.7
446.4	446.3	446.2	446.1	446.0	445.9	445.8	445.7	445.6	445.5
445.3	445.2	445.1	445.0	444.9	444.8	444.7	444.6	444.5	444.4
444.1	444.0	443.9	443.8	443.7	443.6	443.5	443.4	443.3	443.2
443.3	443.2	443.1	443.0	442.9	442.8	442.7	442.6	442.5	442.4

INITIAL HEAD FOR LAYER 31								
READING ON UNIT 10 WITH FORMAT: (10G12.5)								
1	2	3	4	5	6	7	8	9
11	12	13	14	15	16	17	18	19
21	22	23	24	25	26	27	28	29
31	32	33	34	35	36	37	38	39
41	42	43	44	45	46	47	48	49
51	52	53	54	55	56	57	58	59
61	62	63	64	65	66	67	68	69
71	72	73	74	75	76	77	78	79
81	82	83	84	85	86	87	88	89
91	92	93	94	95	96	97	98	99
101	102	103	104	105	106	107	108	109
111	112	113	114	115	116	117	118	119
121	122	123	124	125	126	127	128	129
131	132	133	134	135	136	137	138	139
141	142	143	144	145	146	147	148	149
151	152	153	154	155	156	157	158	159
161	162	163	164	165	166	167	168	169
171	172	173	174	175	176	177	178	179
181	182	183	184	185	186	187	188	189
191	192	193	194	195	196	197	198	199
201	202	203	204	205	206	207	208	209
211	212	213	214	215	216	217	218	219
218	219	220	221	222	223	224	225	226

SECTION\_A\_DESIGN\_CASE\_NOD3

221	222	223	224	225	226	227
228	229	230	231	232	233	234
238	239	240	241	242	243	244
248	249	250	251	252	253	254
258	259	260	261	262	263	264
268	269	270	271	272	273	274
278	279	280	281	282	283	284
288	289	290	291	292	293	294
298	299	300	301	302	303	304
308	309	310	311	312	313	314
318	319	320	321	322	323	324
328	329	330	331	332	333	334
338	339	340	341	342	343	344
348	349	350	351	352	353	354
358	359	360	361	362	363	364
368	369	370	371	372	373	374
378	379	380	381	382	383	384
388	389	390	391	392	393	394
398	399	400	401	402	403	404
408	409	410	411	412	413	414
418	419	420	421	422	423	424
428	429	430	431	432	433	434
438	439	440	441	442	443	444
448	449	450	451	452	453	454
458	459	460	461	462	463	464
468	469	470	471	472	473	474
478	479	480	481	482	483	484
488	489	490	491	492	493	494
498	499	500				

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1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.8	461.7	461.7
	461.8	461.8	461.7	461.7	461.7	461.6	461.5
	461.7	461.7	461.6	461.6	461.6	461.5	461.5
	461.6	461.6	461.5				
	461.5	461.5					

SECTION\_A\_DESIGN\_CASE\_NOD3

461.5	461.4	461.4	461.4	461.4	461.4	461.4	461.4
461.3	461.3	461.3	461.3	461.2	461.2	461.2	461.2
461.2	461.1	461.1	461.1	461.1	461.0	461.0	461.0
461.0	461.0	461.0	461.0	460.9	460.9	460.8	460.8
460.8	460.8	460.8	460.8	460.7	460.7	460.7	460.7
460.6	460.6	460.6	460.6	460.5	460.5	460.5	460.5
460.5	460.4	460.4	460.4	460.4	460.3	460.3	460.3
460.3	460.3	460.2	460.2	460.2	460.2	460.1	460.1
460.1	460.1	460.1	460.1	460.0	460.0	460.0	459.9
459.9	459.9	459.9	459.9	459.8	459.8	459.8	459.8
459.8	459.7	459.7	459.7	459.6	459.6	459.6	459.6
459.6	459.6	459.5	459.5	459.5	459.5	459.4	459.4
459.4	459.5	459.5	459.5	459.3	459.3	459.3	459.2
459.2	459.3	459.3	459.3	459.3	459.3	459.3	459.2
459.0	459.2	459.2	459.1	459.1	459.1	459.1	459.1
458.9	459.0	459.0	459.0	458.9	458.9	458.9	458.9
458.7	458.8	458.8	458.8	458.8	458.7	458.7	458.7
458.5	458.7	458.7	458.7	458.6	458.6	458.6	458.5
458.3	458.6	458.6	458.6	458.6	458.6	458.6	458.4
458.2	458.5	458.4	458.4	458.4	458.4	458.4	458.4
458.0	458.3	458.3	458.3	458.2	458.2	458.2	458.2
457.9	458.2	458.1	458.1	458.2	458.2	458.2	458.2
457.8	458.1	458.1	458.1	458.1	458.0	458.0	458.0
457.6	458.0	458.0	458.0	457.9	457.9	457.8	457.8
457.5	457.9	457.9	457.9	457.9	457.9	457.8	457.8
457.3	457.8	457.7	457.7	457.7	457.7	457.7	457.7
457.1	457.6	457.6	457.6	457.5	457.5	457.5	457.5
456.9	457.6	457.6	457.5	457.5	457.5	457.5	457.5
456.8	457.4	457.4	457.4	457.4	457.3	457.3	457.3
456.6	457.3	457.3	457.2	457.4	457.3	457.3	457.3
456.4	457.2	457.2	457.2	457.2	457.2	457.1	457.1
456.2	457.1	457.1	457.1	457.2	457.2	457.1	457.1
456.1	457.1	457.0	457.0	457.0	457.0	457.0	457.0
455.9	456.9	456.9	456.9	456.8	456.8	456.8	456.8
455.8	456.8	456.7	456.7	456.8	456.8	456.8	456.8
	456.7	456.7	456.7	456.6	456.6	456.6	456.6
	456.6	456.6	456.5	456.6	456.6	456.6	456.6
	456.5	456.5	456.5	456.5	456.5	456.4	456.4
	456.4	456.4	456.4	456.5	456.5	456.4	456.4
	456.4	456.3	456.3	456.4	456.4	456.4	456.4
	456.2	456.3	456.3	456.3	456.3	456.3	456.2
	456.2	456.2	456.2	456.3	456.3	456.3	456.2
	456.2	456.2	456.1	456.3	456.3	456.3	456.2
	456.1	456.2	456.1	456.1	456.1	456.1	456.1
	456.0	456.0	456.0	456.1	456.1	456.1	456.1
	455.9	456.0	456.0	455.9	455.9	455.9	455.9
	455.9	455.8	455.8	455.9	455.9	455.9	455.9
	455.8	455.8	455.8	455.8	455.8	455.7	455.7

SECTION\_A\_DESIGN\_CASE\_NOD3

455.7	455.7	455.7	455.7	455.6	455.6	455.6	455.6	455.5
455.6	455.6	455.6	455.6	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.5	455.4	455.4	455.4	455.4	455.4
455.5	455.5	455.5	455.4	455.4	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2	455.2
455.2	455.1	455.1	455.1	455.1	455.0	455.0	455.0	454.9
455.1	455.1	455.1	455.0	455.0	455.0	455.0	455.0	454.9
454.9	454.8	454.8	454.7	454.7	454.4	454.3	454.1	454.0
454.6	454.5	454.5	454.4	454.4	454.3	454.1	454.0	453.9
453.8	453.7	453.6	453.6	453.2	453.1	453.0	452.9	452.7
453.4	453.3	453.3	453.2	453.2	453.1	453.0	452.9	452.7
452.6	452.5	452.4	452.4	452.0	451.9	451.8	451.7	451.6
452.3	452.2	452.2	452.0	452.0	451.9	451.8	451.7	451.6
451.5	451.3	451.2	451.2	450.9	450.8	450.6	450.5	450.4
451.1	451.0	451.0	450.9	450.9	450.8	450.6	450.5	450.4
450.3	450.2	450.1	450.1	449.7	449.6	449.5	449.4	449.2
449.9	449.8	449.8	449.7	449.7	449.6	449.5	449.4	449.2
449.1	449.0	448.9	448.9	448.5	448.4	448.3	448.2	448.1
448.8	448.7	448.7	448.5	448.5	448.4	448.3	448.2	448.1
448.0	447.8	447.7	447.7	447.4	447.3	447.1	447.0	446.9
447.6	447.5	447.5	447.4	447.4	447.3	447.1	447.0	446.9
446.8	446.7	446.6	446.6	446.2	446.1	446.0	445.9	445.7
446.4	446.3	446.3	446.2	446.2	446.1	446.0	445.9	445.7
445.6	445.5	445.4	445.4	445.0	444.9	444.8	444.7	444.6
445.3	445.2	445.2	445.0	445.0	444.9	444.8	444.7	444.6
444.5	444.3	444.2	444.2	443.9	443.8	443.6	443.5	443.4
444.1	444.0	444.0	443.9	443.9	443.8	443.6	443.5	443.4
443.3	443.2	443.1	443.1	443.1	443.1	443.1	443.1	443.1

READING ON UNIT	INITIAL HEAD FOR LAYER 32 WITH FORMAT: (10G12.5)						
10	1	2	3	4	5	6	7
8	11	12	13	14	15	16	17
18	21	22	23	24	25	26	27
28	31	32	33	34	35	36	37
38	41	42	43	44	45	46	47
48	51	52	53	54	55	56	57
58	61	62	63	64	65	66	67
68	71	72	73	74	75	76	77
78	81	82	83	84	85	86	87
88	91	92	93	94	95	96	97
98	101	102	103	104	105	106	107
108	111	112	113	114	115	116	117
118	121	122	123	124	125	126	127
128	131	132	133	134	135	136	137
138	141	142	143	144	145	146	147
148	149	150	150	150	150	150	150



## SECTION\_A\_DESIGN\_CASE\_NOD3

151	152	153	154	155	156	157
158	159	160	163	164	165	166
168	169	170	173	174	175	176
178	179	180	183	184	185	186
188	189	190	193	194	195	196
198	199	200	203	204	205	206
208	209	210	213	214	215	216
218	219	220	223	224	225	226
228	229	230	233	234	235	236
238	239	240	243	244	245	246
248	249	250	253	254	255	256
258	259	260	263	264	265	266
268	269	270	273	274	275	276
278	279	280	283	284	285	286
288	289	290	293	294	295	296
298	299	300	303	304	305	306
308	309	310	313	314	315	316
318	319	320	323	324	325	326
328	329	330	333	334	335	336
338	339	340	343	344	345	346
348	349	350	353	354	355	356
358	359	360	363	364	365	366
368	369	370	373	374	375	376
378	379	380	383	384	385	386
388	389	390	393	394	395	396
398	399	400	403	404	405	406
408	409	410	413	414	415	416
418	419	420	423	424	425	426
428	429	430	433	434	435	436
438	439	440	443	444	445	446
448	449	450	453	454	455	456
458	459	460	463	464	465	466
468	469	470	473	474	475	476
471	472	473	474	475	476	477

## SECTION\_A\_DESIGN\_CASE\_NOD3

478	479	480	481	482	483	484	485	486	487
488	489	490	491	492	493	494	495	496	497
498	499	500							

1	462.0	462.0	462.0	461.9	461.9	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.8	461.7	461.7	461.7	461.7
	461.8	461.8	461.7	461.7	461.7	461.6	461.6	461.5	461.5
	461.7	461.7	461.6	461.6	461.6	461.6	461.6	461.5	461.5
	461.6	461.6	461.5	461.5	461.5	461.4	461.4	461.4	461.4
	461.5	461.5	461.4	461.4	461.4	461.4	461.4	461.4	461.4
	461.5	461.4	461.3	461.3	461.3	461.2	461.2	461.2	461.2
	461.3	461.3	461.3	461.3	461.3	461.2	461.2	461.2	461.2
	461.3	461.3	461.1	461.1	461.1	461.1	461.0	461.0	461.0
	461.1	461.1	461.1	461.1	461.1	461.0	461.0	461.0	461.0
	461.0	461.0	461.0	461.0	461.0	460.9	460.9	460.8	460.8
	460.9	460.9	460.9	460.9	460.9	460.9	460.9	460.8	460.8
	460.8	460.8	460.8	460.8	460.8	460.7	460.7	460.7	460.7
	460.8	460.7	460.7	460.7	460.7	460.7	460.7	460.7	460.7
	460.6	460.6	460.6	460.6	460.6	460.5	460.5	460.5	460.5
	460.6	460.6	460.5	460.5	460.5	460.5	460.5	460.5	460.5
	460.5	460.4	460.4	460.4	460.4	460.4	460.3	460.3	460.3
	460.4	460.4	460.4	460.4	460.4	460.3	460.3	460.3	460.3
	460.4	460.4	460.2	460.2	460.2	460.2	460.2	460.1	460.1
	460.3	460.3	460.2	460.2	460.2	460.2	460.2	460.1	460.1
	460.2	460.2	460.1	460.1	460.1	460.0	460.0	460.0	459.9
	460.1	460.1	460.0	460.0	460.0	460.0	460.0	460.0	459.9
	460.1	460.0	459.9	459.9	459.9	459.8	459.8	459.8	459.8
	459.9	459.9	459.9	459.9	459.8	459.8	459.8	459.8	459.8
	459.8	459.7	459.7	459.7	459.7	459.6	459.6	459.6	459.6
	459.8	459.7	459.7	459.7	459.7	459.6	459.6	459.6	459.6
	459.7	459.7	459.5	459.5	459.5	459.5	459.5	459.4	459.4
	459.6	459.6	459.5	459.5	459.5	459.5	459.5	459.4	459.4
	459.5	459.5	459.4	459.4	459.4	459.4	459.4	459.4	459.4
	459.4	459.4	459.3	459.3	459.3	459.3	459.3	459.3	459.2
	459.3	459.3	459.3	459.3	459.3	459.3	459.3	459.3	459.2
	459.2	459.2	459.2	459.2	459.2	459.1	459.1	459.1	459.1
	459.2	459.2	459.1	459.1	459.1	459.1	459.1	459.1	459.1
	459.0	459.0	459.0	459.0	459.0	458.9	458.9	458.9	458.9
	459.0	459.0	459.0	459.0	459.0	458.9	458.9	458.9	458.9
	458.9	458.9	458.8	458.8	458.8	458.8	458.7	458.7	458.7
	458.9	458.8	458.8	458.8	458.8	458.8	458.7	458.7	458.7
	458.7	458.7	458.7	458.7	458.6	458.6	458.6	458.6	458.5
	458.6	458.6	458.6	458.6	458.6	458.6	458.6	458.6	458.5
	458.5	458.5	458.5	458.5	458.6	458.6	458.6	458.6	458.5
	458.5	458.4	458.4	458.4	458.4	458.4	458.4	458.4	458.4
	458.3	458.3	458.3	458.3	458.4	458.4	458.4	458.4	458.4
	458.3	458.3	458.3	458.3	458.3	458.2	458.2	458.2	458.2
	458.2	458.2	458.3	458.3	458.2	458.2	458.2	458.2	458.2
	458.1	458.1	458.1	458.1	458.1	458.1	458.0	458.0	458.0
	458.0	458.0	458.0	458.0	458.1	458.1	458.0	458.0	458.0
	458.0	458.0	458.0	458.0	458.0	458.0	458.0	458.0	458.0
	457.9	457.9	457.9	457.9	457.9	457.9	457.9	457.8	457.8
	457.8	457.8	457.8	457.8	457.9	457.9	457.9	457.8	457.8
	457.8	457.7	457.7	457.7	457.7	457.7	457.7	457.7	457.7
	457.6	457.6	457.6	457.6	457.7	457.7	457.7	457.7	457.7
	457.6	457.6	457.6	457.6	457.6	457.6	457.6	457.6	457.5
	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5
	457.5	457.4	457.4	457.4	457.5	457.5	457.5	457.5	457.5
	457.4	457.4	457.4	457.4	457.4	457.4	457.3	457.3	457.3
	457.4	457.4	457.4	457.4	457.4	457.4	457.3	457.3	457.3
	457.3	457.3	457.2	457.2	457.2	457.2	457.2	457.1	457.1
	457.2	457.2	457.2	457.2	457.2	457.2	457.2	457.1	457.1
	457.1	457.1	457.1	457.1	457.2	457.2	457.2	457.1	457.1
	457.1	457.0	457.0	457.0	457.1	457.1	457.0	457.0	457.0
	457.1	457.0	457.0	457.0	457.0	457.0	457.0	457.0	457.0

SECTION\_A\_DESIGN\_CASE\_NOD3

456.9	456.9	456.9	456.9	456.8	456.8	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.7	456.6	456.6	456.6	456.6
456.6	456.6	456.5	456.5	456.5	456.5	456.5	456.4	456.4
456.4	456.4	456.3	456.4	456.3	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.2	456.1	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	456.0	455.9	455.9	455.9	455.9
455.9	455.9	455.8	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.7	455.6	455.6	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.5	455.4	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
455.2	455.1	455.1	455.1	455.0	455.0	455.0	455.0	454.9
454.9	454.8	454.8	454.7	454.7	454.3	454.1	454.0	453.9
453.8	453.7	453.7	453.6	453.6	453.1	453.0	452.9	452.7
452.6	452.5	452.5	452.4	452.4	451.9	451.8	451.7	451.6
451.5	451.3	451.3	451.2	451.2	450.9	450.8	450.6	450.4
450.3	450.2	450.2	450.1	450.1	449.7	449.6	449.5	449.2
449.1	449.0	449.0	448.9	448.9	448.5	448.4	448.3	448.1
448.0	447.8	447.8	447.7	447.7	447.4	447.3	447.1	446.9
446.8	446.7	446.7	446.6	446.6	446.2	446.1	446.0	445.7
445.6	445.5	445.5	445.4	445.4	445.0	444.9	444.8	444.6
444.5	444.3	444.3	444.2	444.2	443.9	443.8	443.6	443.4
443.3	443.2	443.2	443.1	443.1				

READING ON UNIT	INITIAL HEAD FOR LAYER 33 WITH FORMAT: (10G12.5)							
	1	2	3	4	5	6	7	
8	11	12	10	13	14	15	16	17
18	21	22	20	23	24	25	26	27
28	31	32	30	33	34	35	36	37
38	41	42	40	43	44	45	46	47
48	51	52	50	53	54	55	56	57
58	61	62	60	63	64	65	66	67
68	71	72	70	73	74	75	76	77
78	79	80						

## SECTION\_A\_DESIGN\_CASE\_NOD3

	81	82	83	84	85	86	87
88	91	92	93	94	95	96	97
98	101	102	103	104	105	106	107
108	111	112	113	114	115	116	117
118	121	122	123	124	125	126	127
128	131	132	133	134	135	136	137
138	141	142	143	144	145	146	147
148	151	152	153	154	155	156	157
158	161	162	163	164	165	166	167
168	171	172	173	174	175	176	177
178	181	182	183	184	185	186	187
188	191	192	193	194	195	196	197
198	201	202	203	204	205	206	207
208	211	212	213	214	215	216	217
218	221	222	223	224	225	226	227
228	231	232	233	234	235	236	237
238	241	242	243	244	245	246	247
248	251	252	253	254	255	256	257
258	261	262	263	264	265	266	267
268	271	272	273	274	275	276	277
278	281	282	283	284	285	286	287
288	291	292	293	294	295	296	297
298	301	302	303	304	305	306	307
308	311	312	313	314	315	316	317
318	321	322	323	324	325	326	327
328	331	332	333	334	335	336	337
338	341	342	343	344	345	346	347
348	351	352	353	354	355	356	357
358	361	362	363	364	365	366	367
368	371	372	373	374	375	376	377
378	381	382	383	384	385	386	387
388	391	392	393	394	395	396	397
398	401	402	403	404	405	406	407

## SECTION\_A\_DESIGN\_CASE\_NOD3

408	409	410	411	412	413	414	415	416	417
418	419	420	421	422	423	424	425	426	427
428	429	430	431	432	433	434	435	436	437
438	439	440	441	442	443	444	445	446	447
448	449	450	451	452	453	454	455	456	457
458	459	460	461	462	463	464	465	466	467
468	469	470	471	472	473	474	475	476	477
478	479	480	481	482	483	484	485	486	487
488	489	490	491	492	493	494	495	496	497
498	499	500							

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1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.7	461.7	461.7
	461.8	461.8	461.8	461.8	461.7	461.7	461.7
	461.7	461.7	461.7	461.6	461.6	461.5	461.5
	461.6	461.6	461.6	461.6	461.6	461.5	461.5
	461.5	461.5	461.5	461.5	461.4	461.4	461.4
	461.5	461.4	461.4	461.4	461.4	461.4	461.4
	461.3	461.3	461.3	461.3	461.2	461.2	461.2
	461.3	461.3	461.3	461.2	461.2	461.2	461.2
	461.2	461.1	461.1	461.1	461.0	461.0	461.0
	461.1	461.1	461.1	461.1	461.0	461.0	461.0
	461.0	461.0	461.0	460.9	460.9	460.8	460.8
	460.9	460.9	460.9	460.9	460.9	460.8	460.8
	460.8	460.8	460.8	460.7	460.7	460.7	460.7
	460.8	460.7	460.7	460.7	460.7	460.7	460.7
	460.6	460.6	460.6	460.6	460.5	460.5	460.5
	460.6	460.6	460.5	460.5	460.5	460.5	460.5
	460.5	460.4	460.4	460.4	460.4	460.3	460.3
	460.4	460.4	460.4	460.4	460.3	460.3	460.3
	460.3	460.3	460.2	460.2	460.2	460.1	460.1
	460.2	460.2	460.2	460.2	460.2	460.1	460.1
	460.1	460.1	460.1	460.1	460.0	460.0	459.9
	460.1	460.0	460.0	460.0	460.0	460.0	459.9
	459.9	459.9	459.9	459.8	459.8	459.8	459.8
	459.9	459.9	459.8	459.8	459.8	459.8	459.8
	459.8	459.7	459.7	459.7	459.6	459.6	459.6
	459.7	459.7	459.7	459.6	459.6	459.6	459.6
	459.6	459.6	459.5	459.5	459.5	459.4	459.4
	459.5	459.5	459.5	459.5	459.5	459.4	459.4
	459.4	459.4	459.4	459.3	459.3	459.3	459.2
	459.3	459.3	459.3	459.3	459.3	459.3	459.2
	459.2	459.2	459.2	459.2	459.1	459.1	459.1
	459.2	459.2	459.1	459.1	459.1	459.1	459.1
	459.0	459.0	459.0	458.9	458.9	458.9	458.9
	459.0	459.0	459.0	458.9	458.9	458.9	458.9
	458.9	458.9	458.8	458.8	458.7	458.7	458.7
	458.8	458.8	458.8	458.8	458.7	458.7	458.7
	458.7	458.7	458.7	458.6	458.6	458.6	458.5
	458.6	458.6	458.6	458.6	458.6	458.6	458.5
	458.5	458.5	458.5	458.4	458.4	458.4	458.4
	458.5	458.4	458.4	458.4	458.4	458.4	458.4
	458.3	458.3	458.3	458.3	458.2	458.2	458.2
	458.3	458.3	458.3	458.2	458.2	458.2	458.2

## SECTION\_A\_DESIGN\_CASE\_NOD3

458.2	458.1	458.1	458.1	458.1	458.0	458.0	458.0
458.0	458.1	458.0	458.0	458.1	458.0	458.0	458.0
457.9	457.9	457.9	457.9	457.9	457.9	457.8	457.8
457.8	457.8	457.7	457.8	457.7	457.7	457.7	457.7
457.6	457.6	457.6	457.6	457.5	457.5	457.5	457.5
457.5	457.4	457.4	457.4	457.4	457.3	457.3	457.3
457.3	457.3	457.2	457.2	457.2	457.2	457.1	457.1
457.1	457.1	457.1	457.1	457.2	457.2	457.1	457.1
457.1	457.0	457.0	457.0	457.0	457.0	457.0	457.0
456.9	456.9	456.9	456.9	456.8	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.7	456.6	456.6	456.6
456.6	456.6	456.6	456.5	456.5	456.5	456.4	456.4
456.4	456.4	456.4	456.4	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.2	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.1	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	456.0	455.9	455.9	455.9
455.9	455.9	455.9	455.8	455.8	455.8	455.7	455.7
455.8	455.8	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.7	455.7	455.7	455.6	455.6	455.6	455.5
455.6	455.6	455.6	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.5	455.4	455.4	455.4	455.4
455.5	455.5	455.5	455.4	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.3	455.2	455.2	455.2
455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
455.2	455.1	455.1	455.1	455.0	455.0	455.0	454.9
455.1	455.1	455.1	455.0	455.0	455.0	455.0	454.9
454.9	454.8	454.7	454.7	454.7	454.3	454.1	453.9
454.6	454.5	454.5	454.4	454.4	454.3	454.1	453.9
453.8	453.7	453.6	453.6	453.2	453.1	453.0	452.7
453.4	453.3	453.2	453.2	453.1	453.0	452.9	452.7
452.6	452.5	452.4	452.4	452.0	451.9	451.8	451.6
452.3	452.2	452.2	452.0	451.9	451.8	451.7	451.6
451.5	451.3	451.2	451.2	450.9	450.8	450.6	450.4
451.1	451.0	450.9	450.9	450.8	450.6	450.5	450.4
450.3	450.2	450.1	450.1	449.7	449.6	449.5	449.2
449.9	449.8	449.7	449.7	449.6	449.5	449.4	449.2
449.1	449.0	448.9	448.9	448.5	448.4	448.3	448.1
448.8	448.7	448.5	448.5	448.4	448.3	448.2	448.1
448.0	447.8	447.7	447.7	447.4	447.3	447.1	446.9
447.6	447.5	447.4	447.4	447.3	447.1	447.0	446.9
446.8	446.7	446.6	446.6	446.2	446.1	446.0	445.7
446.4	446.3	446.2	446.2	446.1	446.0	445.9	445.7
445.6	445.5	445.4	445.4	444.9	444.8	444.7	444.6
445.3	445.2	445.0	445.0	444.9	444.8	444.7	444.6
444.5	444.3	444.2	444.2	443.9	443.8	443.6	443.4
444.1	444.0	443.9	443.9	443.8	443.6	443.5	443.4
443.3	443.2	443.1	443.1	443.1	443.6	443.5	443.4

INITIAL HEAD FOR LAYER 34  
 READING ON UNIT 10 WITH FORMAT: (10G12.5)

8	1	9	2	10	3	4	5	6	7
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SECTION\_A\_DESIGN\_CASE\_NOD3

11	12	13	14	15	16	17
18 21	19 22	20 23	24	25	26	27
28 31	29 32	30 33	34	35	36	37
38 41	39 42	40 43	44	45	46	47
48 51	49 52	50 53	54	55	56	57
58 61	59 62	60 63	64	65	66	67
68 71	69 72	70 73	74	75	76	77
78 81	79 82	80 83	84	85	86	87
88 91	89 92	90 93	94	95	96	97
98 101	99 102	100 103	104	105	106	107
108 111	109 112	110 113	114	115	116	117
118 121	119 122	120 123	124	125	126	127
128 131	129 132	130 133	134	135	136	137
138 141	139 142	140 143	144	145	146	147
148 151	149 152	150 153	154	155	156	157
158 161	159 162	160 163	164	165	166	167
168 171	169 172	170 173	174	175	176	177
178 181	179 182	180 183	184	185	186	187
188 191	189 192	190 193	194	195	196	197
198 201	199 202	200 203	204	205	206	207
208 211	209 212	210 213	214	215	216	217
218 221	219 222	220 223	224	225	226	227
228 231	229 232	230 233	234	235	236	237
238 241	239 242	240 243	244	245	246	247
248 251	249 252	250 253	254	255	256	257
258 261	259 262	260 263	264	265	266	267
268 271	269 272	270 273	274	275	276	277
278 281	279 282	280 283	284	285	286	287
288 291	289 292	290 293	294	295	296	297
298 301	299 302	300 303	304	305	306	307
308 311	309 312	310 313	314	315	316	317
318 321	319 322	320 323	324	325	326	327
328 331	329 332	330 333	334	335	336	337

## SECTION\_A\_DESIGN\_CASE\_NOD3

338		339		340					
	341		342		343		344		345
348		349		350					346
	351		352		353		354		355
358		359		360					356
	361		362		363		364		365
368		369		370					366
	371		372		373		374		375
378		379		380					376
	381		382		383		384		385
388		389		390					386
	391		392		393		394		395
398		399		400					396
	401		402		403		404		405
408		409		410					406
	411		412		413		414		415
418		419		420					416
	421		422		423		424		425
428		429		430					426
	431		432		433		434		435
438		439		440					436
	441		442		443		444		445
448		449		450					446
	451		452		453		454		455
458		459		460					456
	461		462		463		464		465
468		469		470					466
	471		472		473		474		475
478		479		480					476
	481		482		483		484		485
488		489		490					486
	491		492		493		494		495
498		499		500					496
									497

1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.7	461.7	461.7
	461.8	461.8	461.8	461.8	461.7	461.7	461.7
	461.7	461.7	461.7	461.7	461.6	461.6	461.5
	461.6	461.6	461.6	461.6	461.6	461.6	461.5
	461.5	461.5	461.5	461.5	461.6	461.6	461.5
	461.5	461.4	461.4	461.4	461.4	461.4	461.4
	461.3	461.3	461.3	461.3	461.4	461.4	461.4
	461.3	461.3	461.3	461.3	461.2	461.2	461.2
	461.2	461.1	461.1	461.1	461.2	461.2	461.2
	461.1	461.1	461.1	461.1	461.1	461.0	461.0
	461.0	461.0	461.0	461.0	461.0	461.0	461.0
	460.9	460.9	460.9	460.9	460.9	460.9	460.8
	460.8	460.8	460.8	460.8	460.9	460.9	460.8
	460.8	460.7	460.7	460.7	460.7	460.7	460.7
	460.6	460.6	460.6	460.6	460.7	460.7	460.7
	460.6	460.6	460.6	460.5	460.7	460.7	460.7
	460.5	460.6	460.5	460.5	460.5	460.5	460.5
	460.4	460.4	460.4	460.4	460.5	460.5	460.5
	460.4	460.4	460.4	460.4	460.4	460.3	460.3
	460.3	460.3	460.2	460.2	460.4	460.3	460.3
	460.2	460.2	460.2	460.2	460.2	460.3	460.3
	460.1	460.1	460.1	460.1	460.2	460.2	460.1
	460.1	460.0	460.0	460.0	460.2	460.1	460.1
	459.9	459.9	459.9	460.0	460.0	460.0	459.9
	459.9	459.9	459.9	459.8	460.0	460.0	459.9
	459.8	459.7	459.7	459.8	459.8	459.8	459.8
	459.8	459.7	459.7	459.7	459.8	459.8	459.8
	459.7	459.7	459.7	459.7	459.6	459.6	459.6
	459.6	459.6	459.5	459.5	459.6	459.6	459.6
	459.5	459.5	459.5	459.5	459.5	459.4	459.4



## SECTION\_A\_DESIGN\_CASE\_NOD3

459.4	459.4	459.4	459.4					
459.3	459.3	459.3	459.3	459.3	459.3	459.3	459.3	459.2
459.2	459.2	459.2	459.2	459.2	459.2	459.2	459.2	459.1
459.0	459.0	459.0	459.0	459.1	459.1	459.1	459.1	459.1
458.9	459.0	459.0	459.0	459.0	459.0	458.9	458.9	458.9
458.8	458.9	458.8	458.8	458.8	458.8	458.9	458.9	458.9
458.7	458.8	458.8	458.8	458.8	458.8	458.7	458.7	458.7
458.6	458.7	458.6	458.6	458.7	458.7	458.6	458.6	458.6
458.5	458.6	458.6	458.6	458.6	458.6	458.6	458.6	458.5
458.5	458.5	458.4	458.5	458.4	458.4	458.4	458.4	458.4
458.3	458.5	458.4	458.4	458.4	458.4	458.4	458.4	458.4
458.3	458.3	458.3	458.3	458.3	458.3	458.2	458.2	458.2
458.2	458.3	458.3	458.3	458.2	458.2	458.2	458.2	458.2
458.1	458.1	458.1	458.1	458.1	458.1	458.0	458.0	458.0
458.0	458.1	458.1	458.1	458.1	458.1	458.0	458.0	458.0
457.9	458.0	457.9	458.0	457.9	457.9	457.9	457.8	457.8
457.8	457.9	457.8	457.9	457.8	457.8	457.7	457.7	457.7
457.8	457.8	457.7	457.8	457.7	457.7	457.7	457.7	457.7
457.6	457.6	457.6	457.6	457.6	457.6	457.5	457.5	457.5
457.6	457.6	457.6	457.6	457.5	457.5	457.5	457.5	457.5
457.5	457.4	457.4	457.5	457.4	457.4	457.3	457.3	457.3
457.4	457.4	457.4	457.4	457.4	457.4	457.3	457.3	457.3
457.3	457.3	457.2	457.3	457.2	457.2	457.2	457.2	457.2
457.2	457.2	457.2	457.2	457.2	457.2	457.1	457.1	457.1
457.1	457.1	457.1	457.1	457.1	457.1	457.0	457.0	457.0
457.1	457.1	457.0	457.1	457.0	457.0	457.0	457.0	457.0
456.9	456.9	456.9	456.9	456.9	456.8	456.8	456.8	456.8
456.9	456.9	456.9	456.8	456.8	456.8	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.7	456.6	456.6	456.6	456.6
456.7	456.7	456.7	456.7	456.6	456.6	456.6	456.6	456.6
456.6	456.6	456.5	456.5	456.5	456.5	456.4	456.4	456.4
456.5	456.5	456.5	456.5	456.5	456.5	456.4	456.4	456.4
456.4	456.4	456.3	456.4	456.3	456.3	456.3	456.3	456.2
456.4	456.3	456.3	456.3	456.3	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.2	456.2	456.1	456.1	456.1	456.1
456.2	456.2	456.2	456.1	456.1	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	456.0	455.9	455.9	455.9	455.9
456.0	456.0	456.0	456.0	455.9	455.9	455.9	455.9	455.9
455.9	455.9	455.8	455.8	455.8	455.8	455.7	455.7	455.7
455.8	455.8	455.8	455.8	455.8	455.8	455.7	455.7	455.7
455.7	455.7	455.7	455.7	455.6	455.6	455.6	455.6	455.5
455.6	455.6	455.6	455.6	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.5	455.4	455.4	455.4	455.4	455.4
455.5	455.5	455.5	455.4	455.4	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2	455.2
455.2	455.1	455.1	455.1	455.1	455.0	455.0	455.0	454.9
455.1	455.1	455.1	455.0	455.0	455.0	455.0	455.0	454.9
454.9	454.8	454.7	454.7	454.7	454.3	454.1	454.0	453.9
454.6	454.8	454.5	454.4	454.4	454.3	454.1	454.0	453.9
453.8	453.7	453.6	453.6	453.6	453.3	453.1	452.9	452.7
453.4	453.3	453.3	453.2	453.2	453.1	453.0	452.9	452.7
452.6	452.5	452.4	452.4	452.0	451.9	451.8	451.7	451.6
452.3	452.2	452.2	452.0	451.9	451.9	451.8	451.7	451.6
451.5	451.3	451.2	451.2	450.9	450.8	450.6	450.5	450.4
451.1	451.0	451.0	450.9	450.9	450.8	450.6	450.5	450.4
450.3	450.2	450.1	450.1	449.7	449.6	449.5	449.4	449.2
449.9	449.8	449.7	449.7	449.7	449.6	449.5	449.4	449.2
449.1	449.0	448.9	448.9	448.9	448.4	448.3	448.2	448.1
448.8	448.7	448.7	448.5	448.5	448.4	448.3	448.2	448.1
448.0	447.8	447.7	447.7	447.7	447.4	447.3	447.1	446.9
447.6	447.5	447.4	447.4	447.4	447.3	447.1	447.0	446.9
446.8	446.7	446.6	446.6	446.6	446.6	446.6	446.6	446.6

## SECTION\_A\_DESIGN\_CASE\_NOD3

446.4	446.3	446.2	446.1	446.0	445.9	445.7
445.6	445.5	445.4	445.0	444.9	444.8	444.6
444.5	444.3	444.2	443.9	443.8	443.6	443.4
443.3	443.2	443.1				

READING ON UNIT	INITIAL HEAD FOR LAYER 35 WITH FORMAT: (10G12.5)						
1	2	3	4	5	6	7	
8	9	10	11	12	13	14	
18	19	20	21	22	23	24	
28	29	30	31	32	33	34	
38	39	40	41	42	43	44	
48	49	50	51	52	53	54	
58	59	60	61	62	63	64	
68	69	70	71	72	73	74	
78	79	80	81	82	83	84	
88	89	90	91	92	93	94	
98	99	100	101	102	103	104	
108	109	110	111	112	113	114	
118	119	120	121	122	123	124	
128	129	130	131	132	133	134	
138	139	140	141	142	143	144	
148	149	150	151	152	153	154	
158	159	160	161	162	163	164	
168	169	170	171	172	173	174	
178	179	180	181	182	183	184	
188	189	190	191	192	193	194	
198	199	200	201	202	203	204	
208	209	210	211	212	213	214	
218	219	220	221	222	223	224	
228	229	230	231	232	233	234	
238	239	240	241	242	243	244	
248	249	250	251	252	253	254	
258	259	260	261	262	263	264	
					265	266	
						267	

## SECTION\_A\_DESIGN\_CASE\_NOD3

268	269	270	271	272	273	274	275	276	277
278	279	280	281	282	283	284	285	286	287
288	289	290	291	292	293	294	295	296	297
298	299	300	301	302	303	304	305	306	307
308	309	310	311	312	313	314	315	316	317
318	319	320	321	322	323	324	325	326	327
328	329	330	331	332	333	334	335	336	337
338	339	340	341	342	343	344	345	346	347
348	349	350	351	352	353	354	355	356	357
358	359	360	361	362	363	364	365	366	367
368	369	370	371	372	373	374	375	376	377
378	379	380	381	382	383	384	385	386	387
388	389	390	391	392	393	394	395	396	397
398	399	400	401	402	403	404	405	406	407
408	409	410	411	412	413	414	415	416	417
418	419	420	421	422	423	424	425	426	427
428	429	430	431	432	433	434	435	436	437
438	439	440	441	442	443	444	445	446	447
448	449	450	451	452	453	454	455	456	457
458	459	460	461	462	463	464	465	466	467
468	469	470	471	472	473	474	475	476	477
478	479	480	481	482	483	484	485	486	487
488	489	490	491	492	493	494	495	496	497
498	499	500							

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1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.8	461.7	461.7
	461.8	461.8	461.7	461.7	461.7	461.6	461.5
	461.7	461.7	461.6	461.6	461.6	461.6	461.5
	461.6	461.6	461.5	461.5	461.5	461.5	461.4
	461.5	461.5	461.4	461.4	461.4	461.4	461.4
	461.5	461.4	461.3	461.3	461.3	461.4	461.4
	461.3	461.3	461.3	461.3	461.2	461.2	461.2
	461.3	461.3	461.1	461.1	461.1	461.2	461.2
	461.2	461.1	461.1	461.1	461.1	461.0	461.0
	461.1	461.1	461.0	461.0	461.0	461.0	461.0
	461.0	461.0	460.9	460.9	460.9	460.9	460.8
	460.9	460.9	460.8	460.8	460.8	460.8	460.8
	460.8	460.8	460.7	460.7	460.7	460.7	460.7
	460.8	460.7	460.7	460.7	460.7	460.7	460.7

## SECTION\_A\_DESIGN\_CASE\_NOD3

460.6	460.6	460.6	460.6	460.5	460.5	460.5	460.5	460.5
460.5	460.4	460.4	460.4	460.4	460.4	460.3	460.3	460.3
460.3	460.3	460.2	460.2	460.2	460.2	460.2	460.1	460.1
460.1	460.1	460.0	460.0	460.0	460.0	460.0	460.0	459.9
459.9	459.9	459.9	459.9	459.8	459.8	459.8	459.8	459.8
459.8	459.7	459.7	459.7	459.7	459.6	459.6	459.6	459.6
459.6	459.6	459.5	459.5	459.5	459.5	459.5	459.4	459.4
459.4	459.4	459.3	459.3	459.3	459.3	459.3	459.3	459.2
459.2	459.2	459.2	459.2	459.1	459.1	459.1	459.1	459.1
459.0	459.0	459.0	459.0	459.0	458.9	458.9	458.9	458.9
458.9	458.9	458.8	458.8	458.8	458.8	458.7	458.7	458.7
458.7	458.7	458.7	458.7	458.7	458.6	458.6	458.6	458.5
458.5	458.5	458.6	458.6	458.6	458.6	458.6	458.6	458.5
458.3	458.3	458.4	458.4	458.4	458.4	458.4	458.4	458.4
458.2	458.3	458.3	458.3	458.3	458.2	458.2	458.2	458.2
458.1	458.1	458.1	458.1	458.1	458.1	458.0	458.0	458.0
458.0	458.0	458.0	458.0	458.0	457.9	457.9	457.8	457.8
457.8	457.8	457.9	457.9	457.9	457.9	457.9	457.8	457.8
457.6	457.8	457.7	457.7	457.7	457.7	457.7	457.7	457.7
457.5	457.6	457.6	457.6	457.6	457.5	457.5	457.5	457.5
457.4	457.4	457.4	457.4	457.4	457.4	457.3	457.3	457.3
457.3	457.3	457.4	457.4	457.4	457.4	457.3	457.3	457.3
457.2	457.2	457.2	457.2	457.2	457.2	457.2	457.1	457.1
457.1	457.1	457.1	457.1	457.1	457.0	457.0	457.0	457.0
456.9	457.1	457.0	457.0	457.0	457.0	457.0	457.0	457.0
456.8	456.9	456.9	456.9	456.9	456.8	456.8	456.8	456.8
456.7	456.7	456.7	456.7	456.7	456.8	456.8	456.8	456.8
456.6	456.7	456.7	456.7	456.7	456.6	456.6	456.6	456.6
456.5	456.6	456.6	456.6	456.5	456.5	456.5	456.4	456.4
456.4	456.5	456.5	456.5	456.5	456.5	456.5	456.4	456.4
456.3	456.4	456.3	456.3	456.3	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.2	456.2	456.3	456.3	456.3	456.2
456.1	456.2	456.2	456.2	456.1	456.1	456.1	456.1	456.1
456.0	456.0	456.0	456.0	456.0	455.9	455.9	455.9	455.9
455.9	455.9	455.8	455.8	455.8	455.9	455.9	455.9	455.9
455.8	455.8	455.8	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.7	455.7	455.7	455.7	455.8	455.8	455.7	455.7
455.6	455.6	455.6	455.6	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.5	455.5	455.6	455.6	455.6	455.5
455.4	455.5	455.5	455.5	455.4	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.3	455.4	455.4	455.4	455.4
455.2	455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
455.1	455.1	455.1	455.1	455.1	455.2	455.2	455.2	455.2
454.9	455.1	455.1	455.0	455.0	455.0	455.0	455.0	454.9
454.8	454.8	454.7	454.7	454.7	454.7	454.7	454.7	454.7

SECTION_A_DESIGN_CASE_NOD3							
454.6	454.5	454.4	454.3	454.1	454.0	453.9	
453.8	453.7	453.6	453.2	453.1	453.0	452.7	
452.6	452.5	452.4	452.0	451.9	451.8	451.6	
451.5	451.3	451.2	450.9	450.8	450.6	450.4	
450.3	450.2	450.1	449.7	449.6	449.5	449.2	
449.1	449.0	448.9	448.5	448.4	448.3	448.1	
448.0	447.8	447.7	447.4	447.3	447.1	446.9	
446.8	446.7	446.6	446.2	446.1	446.0	445.7	
445.6	445.5	445.4	445.0	444.9	444.8	444.6	
444.5	444.3	444.2	443.9	443.8	443.6	443.4	
443.3	443.2	443.1					

READING ON UNIT	INITIAL HEAD FOR LAYER 36 WITH FORMAT: (10G12.5)						
10	20	30	40	50	60	70	80
8	1	2	3	4	5	6	7
11	9	10	11	12	13	14	15
18	11	12	13	14	15	16	17
21	19	20	21	22	23	24	25
28	21	22	23	24	25	26	27
31	29	30	31	32	33	34	35
38	31	32	33	34	35	36	37
41	39	40	41	42	43	44	45
48	41	42	43	44	45	46	47
51	49	50	51	52	53	54	55
58	51	52	53	54	55	56	57
61	59	60	61	62	63	64	65
68	61	62	63	64	65	66	67
71	69	70	71	72	73	74	75
78	71	72	73	74	75	76	77
81	79	80	81	82	83	84	85
88	81	82	83	84	85	86	87
91	89	90	91	92	93	94	95
98	91	92	93	94	95	96	97
101	99	100	101	102	103	104	105
108	101	102	103	104	105	106	107
111	109	110	111	112	113	114	115
118	111	112	113	114	115	116	117
121	119	120	121	122	123	124	125
128	121	122	123	124	125	126	127
131	129	130	131	132	133	134	135
138	131	132	133	134	135	136	137
141	139	140	141	142	143	144	145
148	141	142	143	144	145	146	147
151	149	150	151	152	153	154	155
158	151	152	153	154	155	156	157
161	159	160	161	162	163	164	165
168	161	162	163	164	165	166	167
171	169	170	171	172	173	174	175
178	171	172	173	174	175	176	177
181	179	180	181	182	183	184	185
188	181	182	183	184	185	186	187
191	189	190	191	192	193	194	195
	191	192	193	194	195	196	197

## SECTION\_A\_DESIGN\_CASE\_NOD3

198		199	200	201	202	203	204	205	206	207
208	201	209	202	210	203	204	205	206	207	
218	211	219	212	213	214	215	216	217	218	
228	221	229	222	223	224	225	226	227	228	
238	231	239	232	233	234	235	236	237	238	
248	241	249	242	243	244	245	246	247	248	
258	251	259	252	253	254	255	256	257	258	
268	261	269	262	263	264	265	266	267	268	
278	271	279	272	273	274	275	276	277	278	
288	281	289	282	283	284	285	286	287	288	
298	291	299	292	293	294	295	296	297	298	
308	301	309	302	303	304	305	306	307	308	
318	311	319	312	313	314	315	316	317	318	
328	321	329	322	323	324	325	326	327	328	
338	331	339	332	333	334	335	336	337	338	
348	341	349	342	343	344	345	346	347	348	
358	351	359	352	353	354	355	356	357	358	
368	361	369	362	363	364	365	366	367	368	
378	371	379	372	373	374	375	376	377	378	
388	381	389	382	383	384	385	386	387	388	
398	391	399	392	393	394	395	396	397	398	
408	401	409	402	403	404	405	406	407	408	
418	411	419	412	413	414	415	416	417	418	
428	421	429	422	423	424	425	426	427	428	
438	431	439	432	433	434	435	436	437	438	
448	441	449	442	443	444	445	446	447	448	
458	451	459	452	453	454	455	456	457	458	
468	461	469	462	463	464	465	466	467	468	
478	471	479	472	473	474	475	476	477	478	
488	481	489	482	483	484	485	486	487	488	
498	491	499	492	493	494	495	496	497	498	
			500							

.....  
1

462.0

462.0

462.0

461.9

461.9

461.9

461.9



SECTION_A_DESIGN_CASE_NOD3							
456.2	456.2	456.1	456.1	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	455.9	455.9	455.9	455.9
455.9	455.9	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.7	455.7	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.4	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
455.2	455.1	455.1	455.0	455.0	455.0	455.0	454.9
454.9	454.8	454.7	454.4	454.3	454.1	454.0	453.9
453.8	453.7	453.6	453.2	453.1	453.0	452.9	452.7
452.6	452.5	452.4	452.0	451.9	451.8	451.7	451.6
451.5	451.3	451.2	450.9	450.8	450.6	450.5	450.4
450.3	450.2	450.1	449.7	449.6	449.5	449.4	449.2
449.1	449.0	448.9	448.5	448.4	448.3	448.2	448.1
448.0	447.8	447.7	447.4	447.3	447.1	447.0	446.9
446.8	446.7	446.6	446.2	446.1	446.0	445.9	445.7
445.6	445.5	445.4	445.0	444.9	444.8	444.7	444.6
444.5	444.3	444.2	443.9	443.8	443.6	443.5	443.4
443.3	443.2	443.1					

READING ON UNIT	INITIAL HEAD FOR LAYER 37 WITH FORMAT: (10G12.5)							
10	1	2	3	4	5	6	7	
8	11	12	10	13	14	15	16	17
18	21	22	20	23	24	25	26	27
28	31	32	30	33	34	35	36	37
38	41	42	40	43	44	45	46	47
48	51	52	50	53	54	55	56	57
58	61	62	60	63	64	65	66	67
68	71	72	70	73	74	75	76	77
78	81	82	80	83	84	85	86	87
88	91	92	90	93	94	95	96	97
98	99	92	100	93	94	95	96	97
108	101	102	100	103	104	105	106	107
118	111	112	110	113	114	115	116	117
118	119	112	120	113	114	115	116	117
	121	122	120	123	124	125	126	127



## SECTION\_A\_DESIGN\_CASE\_NOD3

128		129	130					
138	131	139	140	133	134	135	136	137
148	141	149	150	143	144	145	146	147
158	151	159	160	153	154	155	156	157
168	161	169	170	163	164	165	166	167
178	171	179	180	173	174	175	176	177
188	181	189	190	183	184	185	186	187
198	191	199	200	193	194	195	196	197
208	201	209	210	203	204	205	206	207
218	211	219	220	213	214	215	216	217
228	221	229	230	223	224	225	226	227
238	231	239	240	233	234	235	236	237
248	241	249	250	243	244	245	246	247
258	251	259	260	253	254	255	256	257
268	261	269	270	263	264	265	266	267
278	271	279	280	273	274	275	276	277
288	281	289	290	283	284	285	286	287
298	291	299	300	293	294	295	296	297
308	301	309	310	303	304	305	306	307
318	311	319	320	313	314	315	316	317
328	321	329	330	323	324	325	326	327
338	331	339	340	333	334	335	336	337
348	341	349	350	343	344	345	346	347
358	351	359	360	353	354	355	356	357
368	361	369	370	363	364	365	366	367
378	371	379	380	373	374	375	376	377
388	381	389	390	383	384	385	386	387
398	391	399	400	393	394	395	396	397
408	401	409	410	403	404	405	406	407
418	411	419	420	413	414	415	416	417
428	421	429	430	423	424	425	426	427
438	431	439	440	433	434	435	436	437
448	441	449	450	443	444	445	446	447

## SECTION\_A\_DESIGN\_CASE\_NOD3

451	452	453	454	455	456	457
458	459	460	463	464	465	467
461	462	463	464	465	466	467
468	469	470	473	474	475	477
471	472	473	474	475	476	477
478	479	480	483	484	485	487
481	482	483	484	485	486	487
488	489	490	493	494	495	497
491	492	493	494	495	496	497
498	499	500				

1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8				
	461.8	461.8	461.8	461.8	461.7	461.7	461.7
	461.7	461.7	461.7				
	461.6	461.6	461.6	461.6	461.6	461.5	461.5
	461.5	461.5	461.5				
	461.5	461.4	461.4	461.4	461.4	461.4	461.4
	461.3	461.3	461.3				
	461.3	461.3	461.3	461.2	461.2	461.2	461.2
	461.2	461.1	461.1				
	461.1	461.1	461.1	461.1	461.0	461.0	461.0
	461.0	461.0	461.0				
	460.9	460.9	460.9	460.9	460.9	460.8	460.8
	460.8	460.8	460.8				
	460.8	460.7	460.7	460.7	460.7	460.7	460.7
	460.6	460.6	460.6				
	460.6	460.6	460.5	460.5	460.5	460.5	460.5
	460.5	460.4	460.4				
	460.4	460.4	460.4	460.4	460.3	460.3	460.3
	460.3	460.3	460.2				
	460.2	460.2	460.2	460.2	460.2	460.1	460.1
	460.1	460.1	460.1				
	460.1	460.0	460.0	460.0	460.0	460.0	459.9
	459.9	459.9	459.9				
	459.9	459.9	459.8	459.8	459.8	459.8	459.8
	459.8	459.7	459.7				
	459.7	459.7	459.7	459.6	459.6	459.6	459.6
	459.6	459.6	459.5				
	459.5	459.5	459.5	459.5	459.5	459.4	459.4
	459.4	459.4	459.4				
	459.3	459.3	459.3	459.3	459.3	459.3	459.2
	459.2	459.2	459.2				
	459.2	459.2	459.1	459.1	459.1	459.1	459.1
	459.0	459.0	459.0				
	459.0	459.0	459.0	458.9	458.9	458.9	458.9
	458.9	458.9	458.8				
	458.8	458.8	458.8	458.8	458.7	458.7	458.7
	458.7	458.7	458.7				
	458.6	458.6	458.6	458.6	458.6	458.6	458.5
	458.5	458.5	458.5				
	458.5	458.4	458.4	458.4	458.4	458.4	458.4
	458.3	458.3	458.3				
	458.3	458.3	458.3	458.2	458.2	458.2	458.2
	458.2	458.1	458.1				
	458.1	458.1	458.1	458.1	458.0	458.0	458.0
	458.0	458.0	458.0				
	457.9	457.9	457.9	457.9	457.9	457.8	457.8
	457.8	457.8	457.8				
	457.8	457.7	457.7	457.7	457.7	457.7	457.7
	457.6	457.6	457.6				
	457.6	457.6	457.5	457.5	457.5	457.5	457.5
	457.5	457.4	457.4				

SECTION\_A\_DESIGN\_CASE\_NOD3

457.4	457.4	457.4	457.4	457.3	457.3	457.3
457.3	457.3	457.2	457.2	457.2	457.1	457.1
457.2	457.2	457.1	457.1	457.0	457.0	457.0
457.1	457.1	457.0	457.0	456.9	456.8	456.8
456.9	456.9	456.9	456.8	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.6	456.6	456.6
456.7	456.6	456.5	456.5	456.5	456.4	456.4
456.6	456.5	456.5	456.4	456.4	456.3	456.2
456.5	456.4	456.3	456.3	456.3	456.3	456.1
456.4	456.2	456.2	456.1	456.1	456.1	456.1
456.2	456.2	456.0	456.0	455.9	455.9	455.9
456.1	456.0	455.9	455.8	455.8	455.7	455.7
455.9	455.8	455.8	455.7	455.6	455.6	455.5
455.8	455.7	455.6	455.6	455.6	455.4	455.4
455.7	455.6	455.5	455.4	455.4	455.2	455.2
455.6	455.5	455.3	455.3	455.2	455.2	455.2
455.5	455.3	455.3	455.1	455.0	455.0	454.9
455.3	455.3	455.1	454.7	454.3	454.1	453.9
455.2	455.1	455.1	454.4	454.1	454.0	453.9
455.1	454.8	454.5	453.6	453.1	453.0	452.7
454.9	453.7	453.3	453.2	453.0	452.9	452.7
454.6	453.4	452.5	452.4	451.9	451.8	451.6
453.8	452.6	452.2	452.0	451.8	451.7	451.6
453.4	452.3	451.3	451.2	450.9	450.6	450.4
452.6	451.5	451.0	450.9	450.8	450.6	450.4
452.3	451.1	450.2	450.1	449.6	449.5	449.2
451.5	450.3	449.9	449.8	449.7	449.6	449.4
451.1	449.1	449.0	448.9	448.5	448.4	448.1
450.3	448.8	448.7	448.5	448.4	448.3	448.1
449.9	448.0	447.8	447.7	447.4	447.3	447.0
449.1	447.6	447.5	447.4	447.3	447.1	446.9
448.8	446.8	446.7	446.6	446.1	446.0	445.7
448.0	446.4	446.3	446.2	446.1	446.0	445.9
447.6	445.6	445.5	445.4	444.9	444.8	444.6
446.8	445.3	445.2	445.0	444.9	444.8	444.7
446.4	444.5	444.3	444.2	443.9	443.8	443.4
445.6	444.1	444.0	443.9	443.8	443.6	443.4
444.5	444.1	443.9	443.8	443.8	443.6	443.4
444.1	443.3	443.2	443.1	443.1	443.1	443.1

READING ON UNIT 10 INITIAL HEAD FOR LAYER 38 WITH FORMAT: (10G12.5)

1	2	3	4	5	6	7
8	9	10	11	12	13	14
18	19	20	21	22	23	24
28	29	30	31	32	33	34
38	39	40	41	42	43	44
48	49	50	51	52	53	54
51	52	53	54	55	56	57

## SECTION\_A\_DESIGN\_CASE\_NOD3

58		59		60										
	61		62		63		64		65		66		67	
68			69		70									
	71			72		73		74		75		76		77
78			79		80									
	81			82		83		84		85		86		87
88			89		90									
	91			92		93		94		95		96		97
98			99		100									
	101			102		103		104		105		106		107
108			109		110									
	111			112		113		114		115		116		117
118			119		120									
	121			122		123		124		125		126		127
128			129		130									
	131			132		133		134		135		136		137
138			139		140									
	141			142		143		144		145		146		147
148			149		150									
	151			152		153		154		155		156		157
158			159		160									
	161			162		163		164		165		166		167
168			169		170									
	171			172		173		174		175		176		177
178			179		180									
	181			182		183		184		185		186		187
188			189		190									
	191			192		193		194		195		196		197
198			199		200									
	201			202		203		204		205		206		207
208			209		210									
	211			212		213		214		215		216		217
218			219		220									
	221			222		223		224		225		226		227
228			229		230									
	231			232		233		234		235		236		237
238			239		240									
	241			242		243		244		245		246		247
248			249		250									
	251			252		253		254		255		256		257
258			259		260									
	261			262		263		264		265		266		267
268			269		270									
	271			272		273		274		275		276		277
278			279		280									
	281			282		283		284		285		286		287
288			289		290									
	291			292		293		294		295		296		297
298			299		300									
	301			302		303		304		305		306		307
308			309		310									
	311			312		313		314		315		316		317
318			319		320									
	321			322		323		324		325		326		327
328			329		330									
	331			332		333		334		335		336		337
338			339		340									
	341			342		343		344		345		346		347
348			349		350									
	351			352		353		354		355		356		357
358			359		360									
	361			362		363		364		365		366		367
368			369		370									
	371			372		373		374		375		376		377
378			379		380									

## SECTION\_A\_DESIGN\_CASE\_NOD3

381	382	383	384	385	386	387
388	389	390	393	394	395	396
398	399	400	403	404	405	406
408	409	410	413	414	415	416
418	419	420	423	424	425	426
428	429	430	433	434	435	436
438	439	440	443	444	445	446
448	449	450	453	454	455	456
458	459	460	463	464	465	466
468	469	470	473	474	475	476
478	479	480	483	484	485	486
488	489	490	493	494	495	496
498	499	500				

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1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.7	461.7	461.7
	461.8	461.8	461.8	461.8	461.7	461.7	461.7
	461.7	461.7	461.7	461.6	461.6	461.5	461.5
	461.6	461.6	461.6	461.6	461.6	461.5	461.5
	461.5	461.5	461.5	461.4	461.4	461.4	461.4
	461.5	461.4	461.4	461.4	461.4	461.4	461.4
	461.3	461.3	461.3	461.3	461.2	461.2	461.2
	461.3	461.3	461.3	461.2	461.2	461.2	461.2
	461.2	461.1	461.1	461.1	461.0	461.0	461.0
	461.1	461.1	461.1	461.1	461.0	461.0	461.0
	461.0	461.0	461.0	460.9	460.9	460.8	460.8
	460.9	460.9	460.9	460.9	460.9	460.8	460.8
	460.8	460.8	460.8	460.7	460.7	460.7	460.7
	460.8	460.7	460.7	460.7	460.7	460.7	460.7
	460.6	460.6	460.6	460.5	460.5	460.5	460.5
	460.6	460.6	460.5	460.5	460.5	460.5	460.5
	460.5	460.4	460.4	460.4	460.3	460.3	460.3
	460.4	460.4	460.4	460.4	460.3	460.3	460.3
	460.3	460.3	460.2	460.2	460.2	460.1	460.1
	460.2	460.2	460.2	460.2	460.2	460.1	460.1
	460.1	460.1	460.1	460.0	460.0	460.0	459.9
	460.1	460.0	460.0	460.0	460.0	460.0	459.9
	459.9	459.9	459.9	459.8	459.8	459.8	459.8
	459.9	459.9	459.8	459.8	459.8	459.8	459.8
	459.8	459.7	459.7	459.6	459.6	459.6	459.6
	459.7	459.7	459.7	459.6	459.6	459.6	459.6
	459.6	459.6	459.5	459.5	459.5	459.4	459.4
	459.5	459.5	459.5	459.5	459.5	459.4	459.4
	459.4	459.4	459.4	459.3	459.3	459.3	459.2
	459.3	459.3	459.3	459.3	459.3	459.3	459.2
	459.2	459.2	459.2	459.1	459.1	459.1	459.1
	459.2	459.2	459.1	459.1	459.1	459.1	459.1
	459.0	459.0	459.0	458.9	458.9	458.9	458.9
	459.0	459.0	459.0	458.9	458.9	458.9	458.9
	458.9	458.9	458.8	458.8	458.7	458.7	458.7
	458.8	458.8	458.8	458.8	458.7	458.7	458.7
	458.7	458.7	458.7				

SECTION_A_DESIGN_CASE_NOD3							
458.6	458.6	458.6	458.6	458.6	458.6	458.6	458.5
458.5	458.5	458.5	458.5	458.5	458.5	458.5	458.4
458.3	458.4	458.4	458.4	458.4	458.4	458.4	458.4
458.3	458.3	458.3	458.3	458.2	458.2	458.2	458.2
458.2	458.1	458.1	458.1	458.1	458.0	458.0	458.0
458.0	458.0	458.0	458.0	458.1	458.0	458.0	458.0
457.9	457.9	457.9	457.9	457.9	457.9	457.8	457.8
457.8	457.8	457.8	457.8	457.7	457.7	457.7	457.7
457.6	457.7	457.7	457.7	457.7	457.7	457.7	457.7
457.5	457.6	457.6	457.6	457.5	457.5	457.5	457.5
457.5	457.4	457.4	457.4	457.5	457.5	457.5	457.5
457.4	457.4	457.4	457.4	457.4	457.3	457.3	457.3
457.3	457.3	457.2	457.2	457.2	457.2	457.1	457.1
457.2	457.2	457.2	457.2	457.2	457.2	457.1	457.1
457.1	457.1	457.1	457.1	457.2	457.2	457.1	457.1
457.1	457.0	457.0	457.0	457.0	457.0	457.0	457.0
456.9	456.9	456.9	456.9	457.0	457.0	457.0	457.0
456.9	456.9	456.9	456.8	456.8	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.8	456.8	456.8	456.8
456.7	456.7	456.7	456.7	456.6	456.6	456.6	456.6
456.6	456.6	456.5	456.5	456.6	456.6	456.6	456.6
456.5	456.5	456.5	456.5	456.5	456.5	456.4	456.4
456.4	456.4	456.4	456.4	456.5	456.5	456.4	456.4
456.4	456.3	456.3	456.3	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.2	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.1	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	456.1	456.1	456.1	456.1
456.0	456.0	456.0	456.0	455.9	455.9	455.9	455.9
455.9	455.9	455.8	455.8	455.9	455.9	455.9	455.9
455.8	455.8	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.7	455.7	455.7	455.8	455.8	455.7	455.7
455.6	455.6	455.6	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.5	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.4	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
455.2	455.1	455.1	455.1	455.2	455.2	455.2	455.2
455.1	455.1	455.0	455.0	455.0	455.0	455.0	454.9
454.9	454.8	454.7	454.7	455.0	455.0	455.0	454.9
454.6	454.5	454.4	454.4	454.3	454.1	454.0	453.9
453.8	453.7	453.6	453.6	454.3	454.1	454.0	453.9
453.4	453.3	453.2	453.2	453.1	453.0	452.9	452.7
452.6	452.5	452.4	452.4	453.1	453.0	452.9	452.7
452.3	452.2	452.0	452.0	453.1	451.8	451.7	451.6
451.5	451.3	451.2	451.2	451.9	451.8	451.7	451.6
451.1	451.0	450.9	450.9	450.8	450.6	450.5	450.4
450.3	450.2	450.1	450.1	450.8	450.6	450.5	450.4
449.9	449.8	449.7	449.7	449.6	449.5	449.4	449.2
449.1	449.0	448.9	448.9	449.6	449.5	449.4	449.2
448.8	448.7	448.5	448.5	448.4	448.3	448.2	448.1
448.0	447.8	447.7	447.7	448.4	448.3	448.2	448.1
447.6	447.5	447.4	447.4	447.3	447.1	447.0	446.9
446.8	446.7	446.6	446.6	447.3	447.1	447.0	446.9
446.4	446.3	446.2	446.2	446.1	446.0	445.9	445.7
445.6	445.5	445.4	445.4	446.1	446.0	445.9	445.7
445.3	445.2	445.0	445.0	446.1	446.0	445.9	445.7
444.5	444.3	444.2	444.2	444.9	444.8	444.7	444.6
444.1	444.0	443.9	443.9	444.9	444.8	444.7	444.6
443.3	443.2	443.1	443.1	443.8	443.6	443.5	443.4

## SECTION\_A\_DESIGN\_CASE\_NOD3

READING ON UNIT		INITIAL HEAD FOR LAYER 39 WITH FORMAT: (10G12.5)					
	1	2	3	4	5	6	7
8	11	12	13	14	15	16	17
18	21	22	23	24	25	26	27
28	31	32	33	34	35	36	37
38	41	42	43	44	45	46	47
48	51	52	53	54	55	56	57
58	61	62	63	64	65	66	67
68	71	72	73	74	75	76	77
78	81	82	83	84	85	86	87
88	91	92	93	94	95	96	97
98	101	102	103	104	105	106	107
108	111	112	113	114	115	116	117
118	121	122	123	124	125	126	127
128	131	132	133	134	135	136	137
138	141	142	143	144	145	146	147
148	151	152	153	154	155	156	157
158	161	162	163	164	165	166	167
168	171	172	173	174	175	176	177
178	181	182	183	184	185	186	187
188	191	192	193	194	195	196	197
198	201	202	203	204	205	206	207
208	211	212	213	214	215	216	217
218	221	222	223	224	225	226	227
228	231	232	233	234	235	236	237
238	241	242	243	244	245	246	247
248	251	252	253	254	255	256	257
258	261	262	263	264	265	266	267
268	271	272	273	274	275	276	277
278	281	282	283	284	285	286	287
288	291	292	293	294	295	296	297
298	301	302	303	304	305	306	307
308		310					

SECTION\_A\_DESIGN\_CASE\_NOD3

311	312	313	314	315	316	317
318	319	320	321	322	323	324
328	329	330	331	332	333	334
338	339	340	341	342	343	344
348	349	350	351	352	353	354
358	359	360	361	362	363	364
368	369	370	371	372	373	374
378	379	380	381	382	383	384
388	389	390	391	392	393	394
398	399	400	401	402	403	404
408	409	410	411	412	413	414
418	419	420	421	422	423	424
428	429	430	431	432	433	434
438	439	440	441	442	443	444
448	449	450	451	452	453	454
458	459	460	461	462	463	464
468	469	470	471	472	473	474
478	479	480	481	482	483	484
488	489	490	491	492	493	494
498	499	500				

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1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.7	461.7	461.7
	461.8	461.8	461.7	461.6	461.6	461.5	461.5
	461.7	461.7	461.6	461.5	461.4	461.4	461.4
	461.6	461.6	461.5	461.4	461.3	461.2	461.2
	461.5	461.5	461.4	461.3	461.2	461.2	461.2
	461.4	461.4	461.3	461.2	461.1	461.1	461.1
	461.3	461.3	461.2	461.1	461.0	461.0	461.0
	461.2	461.1	461.1	460.9	460.9	460.8	460.8
	461.1	461.1	461.0	460.8	460.7	460.7	460.7
	461.0	461.0	460.9	460.7	460.6	460.6	460.6
	460.9	460.9	460.8	460.6	460.5	460.5	460.5
	460.8	460.8	460.7	460.5	460.4	460.4	460.4
	460.7	460.7	460.6	460.4	460.3	460.3	460.3
	460.6	460.6	460.5	460.4	460.2	460.2	460.2
	460.5	460.4	460.4	460.2	460.1	460.1	460.1
	460.4	460.4	460.2	460.1	460.0	460.0	460.0
	460.3	460.3	460.1	460.0	460.0	460.0	460.0
	460.2	460.2	460.0	460.0	460.0	460.0	460.0
	460.1	460.1	460.0	460.0	460.0	460.0	460.0
	460.1	460.0	460.0	460.0	460.0	460.0	460.0
	459.9	459.9	459.9				459.9



## SECTION\_A\_DESIGN\_CASE\_NOD3

459.9	459.9	459.8	459.8	459.8	459.8	459.8
459.8	459.7	459.7	459.7	459.6	459.6	459.6
459.6	459.6	459.5	459.5	459.5	459.5	459.4
459.4	459.4	459.4	459.3	459.3	459.3	459.2
459.2	459.2	459.2	459.1	459.1	459.1	459.1
459.0	459.0	459.0	459.0	458.9	458.9	458.9
458.9	458.9	458.8	458.8	458.8	458.7	458.7
458.7	458.7	458.7	458.6	458.6	458.6	458.5
458.5	458.5	458.4	458.4	458.4	458.4	458.4
458.3	458.3	458.3	458.3	458.2	458.2	458.2
458.2	458.1	458.1	458.1	458.1	458.0	458.0
458.0	458.0	458.0	457.9	457.9	457.9	457.8
457.8	457.8	457.8	457.7	457.7	457.7	457.7
457.6	457.6	457.6	457.5	457.5	457.5	457.5
457.5	457.4	457.4	457.4	457.4	457.3	457.3
457.3	457.3	457.2	457.2	457.2	457.2	457.1
457.1	457.1	457.1	457.0	457.0	457.0	457.0
456.9	456.9	456.9	456.8	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.6	456.6	456.6
456.6	456.6	456.5	456.5	456.5	456.5	456.4
456.4	456.4	456.4	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	455.9	455.9	455.9
455.9	455.9	455.8	455.8	455.8	455.8	455.7
455.7	455.7	455.7	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.2	455.2	455.2
455.2	455.1	455.1	455.0	455.0	455.0	454.9
454.9	454.8	454.7	454.4	454.3	454.1	453.9
453.8	453.7	453.6	453.2	453.1	453.0	452.9
452.6	452.5	452.4	452.0	451.9	451.8	451.7
451.5	451.3	451.2	450.9	450.8	450.6	450.5
450.3	450.2	450.1	449.7	449.6	449.5	449.4
449.9	449.8	449.7				449.2

## SECTION\_A\_DESIGN\_CASE\_NOD3

449.1	449.0	448.9					
448.8	448.7	448.5	448.4	448.3	448.2	448.1	
448.0	447.8	447.7					
447.6	447.5	447.4	447.3	447.1	447.0	446.9	
446.8	446.7	446.6					
446.4	446.3	446.2	446.1	446.0	445.9	445.7	
445.6	445.5	445.4					
445.3	445.2	445.0	444.9	444.8	444.7	444.6	
444.5	444.3	444.2					
444.1	444.0	443.9	443.8	443.6	443.5	443.4	
443.3	443.2	443.1					

READING ON UNIT		INITIAL HEAD FOR LAYER 40 WITH FORMAT: (10G12.5)						
	1	2	3	4	5	6	7	
8	11	12	13	14	15	16	17	
18	21	22	23	24	25	26	27	
28	31	32	33	34	35	36	37	
38	41	42	43	44	45	46	47	
48	51	52	53	54	55	56	57	
58	61	62	63	64	65	66	67	
68	71	72	73	74	75	76	77	
78	81	82	83	84	85	86	87	
88	91	92	93	94	95	96	97	
98	101	102	103	104	105	106	107	
108	111	112	113	114	115	116	117	
118	121	122	123	124	125	126	127	
128	131	132	133	134	135	136	137	
138	141	142	143	144	145	146	147	
148	151	152	153	154	155	156	157	
158	161	162	163	164	165	166	167	
168	171	172	173	174	175	176	177	
178	181	182	183	184	185	186	187	
188	191	192	193	194	195	196	197	
198	201	202	203	204	205	206	207	
208	211	212	213	214	215	216	217	
218	221	222	223	224	225	226	227	
228	231	232	233	234	235	236	237	
238	239	240						

SECTION\_A\_DESIGN\_CASE\_NOD3

241	242	243	244	245	246	247
248	249	250	251	252	253	254
258	259	260	261	262	263	264
268	269	270	271	272	273	274
278	279	280	281	282	283	284
288	289	290	291	292	293	294
298	299	300	301	302	303	304
308	309	310	311	312	313	314
318	319	320	321	322	323	324
328	329	330	331	332	333	334
338	339	340	341	342	343	344
348	349	350	351	352	353	354
358	359	360	361	362	363	364
368	369	370	371	372	373	374
378	379	380	381	382	383	384
388	389	390	391	392	393	394
398	399	400	401	402	403	404
408	409	410	411	412	413	414
418	419	420	421	422	423	424
428	429	430	431	432	433	434
438	439	440	441	442	443	444
448	449	450	451	452	453	454
458	459	460	461	462	463	464
468	469	470	471	472	473	474
478	479	480	481	482	483	484
488	489	490	491	492	493	494
498	499	500				

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1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.8	461.7	461.7
	461.8	461.8	461.8	461.8	461.8	461.7	461.7
	461.7	461.7	461.7	461.7	461.7	461.6	461.6
	461.6	461.6	461.6	461.6	461.6	461.6	461.5
	461.5	461.5	461.5	461.5	461.5	461.5	461.5
	461.5	461.5	461.4	461.4	461.4	461.4	461.4
	461.3	461.3	461.3	461.3	461.3	461.4	461.4
	461.3	461.3	461.3	461.3	461.2	461.2	461.2
	461.2	461.1	461.1				



SECTION\_A\_DESIGN\_CASE\_NOD3

455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
455.2	455.1	455.1	455.1	455.0	455.0	455.0	454.9
454.9	454.8	454.5	454.7	454.4	454.3	454.1	454.0
453.8	453.7	453.3	453.6	453.2	453.1	453.0	452.9
452.6	452.5	452.2	452.4	452.0	451.9	451.8	451.7
451.5	451.3	451.0	451.2	450.9	450.8	450.6	450.5
450.3	450.2	449.8	450.1	449.7	449.6	449.5	449.4
449.1	449.0	448.7	448.9	448.5	448.4	448.3	448.2
448.0	447.8	447.5	447.7	447.4	447.3	447.1	447.0
446.8	446.7	446.3	446.6	446.2	446.1	446.0	445.9
445.6	445.5	445.2	445.4	445.0	444.9	444.8	444.7
444.5	444.3	444.0	444.2	443.9	443.8	443.6	443.5
443.3	443.2	443.1	443.1				

READING ON UNIT		INITIAL HEAD FOR LAYER 41 WITH FORMAT: (10G12.5)						
	1	2	3	4	5	6	7	
8	11	12	13	14	15	16	17	
18	21	22	23	24	25	26	27	
28	31	32	33	34	35	36	37	
38	41	42	43	44	45	46	47	
48	51	52	53	54	55	56	57	
58	61	62	63	64	65	66	67	
68	71	72	73	74	75	76	77	
78	81	82	83	84	85	86	87	
88	91	92	93	94	95	96	97	
98	101	102	103	104	105	106	107	
108	111	112	113	114	115	116	117	
118	121	122	123	124	125	126	127	
128	131	132	133	134	135	136	137	
138	141	142	143	144	145	146	147	
148	151	152	153	154	155	156	157	
158	161	162	163	164	165	166	167	
168	169	170						

## SECTION\_A\_DESIGN\_CASE\_NOD3

	171	172	173	174	175	176	177
178	179	180	181	182	183	184	185
188	189	190	191	192	193	194	195
198	199	200	201	202	203	204	205
208	209	210	211	212	213	214	215
218	219	220	221	222	223	224	225
228	229	230	231	232	233	234	235
238	239	240	241	242	243	244	245
248	249	250	251	252	253	254	255
258	259	260	261	262	263	264	265
268	269	270	271	272	273	274	275
278	279	280	281	282	283	284	285
288	289	290	291	292	293	294	295
298	299	300	301	302	303	304	305
308	309	310	311	312	313	314	315
318	319	320	321	322	323	324	325
328	329	330	331	332	333	334	335
338	339	340	341	342	343	344	345
348	349	350	351	352	353	354	355
358	359	360	361	362	363	364	365
368	369	370	371	372	373	374	375
378	379	380	381	382	383	384	385
388	389	390	391	392	393	394	395
398	399	400	401	402	403	404	405
408	409	410	411	412	413	414	415
418	419	420	421	422	423	424	425
428	429	430	431	432	433	434	435
438	439	440	441	442	443	444	445
448	449	450	451	452	453	454	455
458	459	460	461	462	463	464	465
468	469	470	471	472	473	474	475
478	479	480	481	482	483	484	485
488	489	490	491	492	493	494	495
						496	497

SECTION\_A\_DESIGN\_CASE\_NOD3  
500

498

499

1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.7	461.7	461.7
	461.8	461.8	461.7	461.6	461.6	461.5	461.5
	461.7	461.6	461.5	461.4	461.4	461.4	461.4
	461.6	461.5	461.4	461.3	461.2	461.2	461.2
	461.5	461.3	461.3	461.1	461.1	461.0	461.0
	461.3	461.1	461.1	461.0	460.9	460.8	460.8
	461.2	461.0	460.9	460.8	460.7	460.7	460.7
	461.1	460.9	460.8	460.7	460.6	460.5	460.5
	461.0	460.8	460.7	460.5	460.5	460.5	460.5
	460.9	460.8	460.6	460.4	460.4	460.3	460.3
	460.8	460.7	460.6	460.4	460.3	460.3	460.3
	460.8	460.6	460.5	460.2	460.2	460.1	460.1
	460.6	460.6	460.5	460.2	460.2	460.1	460.1
	460.6	460.4	460.4	460.1	460.0	460.0	459.9
	460.5	460.4	460.4	459.9	459.8	459.8	459.8
	460.4	460.3	460.2	459.8	459.7	459.6	459.6
	460.3	460.2	460.2	459.7	459.6	459.6	459.6
	460.2	460.1	460.1	459.6	459.5	459.4	459.4
	460.1	460.0	460.0	459.5	459.5	459.4	459.4
	459.9	459.9	459.9	459.4	459.3	459.3	459.2
	459.9	459.7	459.7	459.3	459.3	459.3	459.2
	459.8	459.7	459.7	459.3	459.3	459.3	459.2
	459.7	459.6	459.5	459.1	459.1	459.1	459.1
	459.6	459.6	459.5	459.0	459.1	459.1	459.1
	459.5	459.5	459.4	459.0	458.9	458.9	458.9
	459.4	459.4	459.4	458.9	458.9	458.9	458.9
	459.3	459.3	459.3	458.8	458.7	458.7	458.7
	459.2	459.2	459.2	458.8	458.7	458.7	458.7
	459.2	459.2	459.1	458.7	458.6	458.6	458.5
	459.0	459.0	459.0	458.6	458.6	458.6	458.5
	459.0	458.9	458.8	458.4	458.4	458.4	458.4
	458.9	458.9	458.8	458.4	458.4	458.4	458.4
	458.8	458.8	458.7	458.3	458.2	458.2	458.2
	458.7	458.6	458.6	458.3	458.2	458.2	458.2
	458.6	458.5	458.5	458.2	458.2	458.2	458.2
	458.5	458.4	458.4	458.1	458.1	458.0	458.0
	458.5	458.3	458.3	458.1	458.0	458.0	458.0
	458.3	458.3	458.3	458.0	457.9	457.8	457.8
	458.3	458.1	458.1	457.9	457.9	457.8	457.8
	458.2	458.1	458.1	457.8	457.7	457.7	457.7
	458.1	458.0	458.0	457.7	457.7	457.7	457.7
	458.0	457.9	457.9	457.6	457.5	457.5	457.5
	457.9	457.8	457.8	457.5	457.5	457.5	457.5
	457.8	457.7	457.7	457.4	457.4	457.3	457.3
	457.8	457.6	457.6	457.4	457.3	457.3	457.3
	457.6	457.4	457.4	457.3	457.3	457.3	457.3
	457.6	457.4	457.4	457.2	457.2	457.1	457.1
	457.5	457.3	457.3	457.2	457.2	457.1	457.1
	457.5	457.2	457.2	457.1	457.0	457.0	457.0
	457.4	457.1	457.1	457.0	457.0	457.0	457.0
	457.3	457.0	456.9	456.9	456.8	456.8	456.8
	457.3	456.9	456.9	456.8	456.8	456.8	456.8
	457.2	456.7	456.7	456.8	456.8	456.8	456.8
	457.2	456.7	456.7	456.7	456.6	456.6	456.6
	457.1	456.7	456.7	456.7	456.6	456.6	456.6
	457.1	456.7	456.7	456.6	456.6	456.6	456.6

SECTION\_A\_DESIGN\_CASE\_NOD3

456.6	456.6	456.6	456.5	456.5	456.5	456.5	456.4	456.4
456.4	456.5	456.5	456.4	456.4	456.4	456.4	456.4	456.4
456.2	456.4	456.3	456.3	456.3	456.3	456.3	456.3	456.2
456.1	456.2	456.2	456.2	456.1	456.1	456.1	456.1	456.1
455.9	456.0	456.0	456.0	456.0	455.9	455.9	455.9	455.9
455.7	455.9	455.8	455.8	455.8	455.8	455.8	455.7	455.7
455.5	455.7	455.6	455.6	455.6	455.6	455.6	455.6	455.5
455.3	455.6	455.5	455.5	455.5	455.5	455.5	455.4	455.4
455.2	455.5	455.5	455.5	455.4	455.4	455.4	455.4	455.4
454.9	455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
453.8	455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
452.6	455.1	455.1	455.1	455.0	455.0	455.0	455.0	454.9
451.5	454.9	454.8	454.7	454.7	454.3	454.1	454.0	453.9
450.3	454.6	454.5	454.4	454.4	454.3	454.1	454.0	453.9
449.1	453.8	453.7	453.6	453.6	453.1	453.0	452.9	452.7
448.0	453.4	453.3	453.2	453.2	453.1	453.0	452.9	452.7
446.8	452.6	452.5	452.4	452.4	451.9	451.8	451.7	451.6
445.6	452.3	452.2	452.0	452.0	451.9	451.8	451.7	451.6
444.5	451.5	451.3	451.2	451.2	450.9	450.8	450.6	450.4
443.3	451.1	451.0	450.9	450.9	450.8	450.6	450.5	450.4
	449.9	450.2	450.1	450.1	449.7	449.6	449.5	449.2
	449.1	449.0	448.9	448.9	449.7	449.6	449.5	449.2
	448.8	448.7	448.5	448.5	449.6	449.5	449.4	449.2
	448.0	448.7	448.5	448.5	448.4	448.3	448.2	448.1
	447.6	447.8	447.7	447.7	448.4	448.3	448.2	448.1
	446.8	447.5	447.4	447.4	447.3	447.1	447.0	446.9
	446.4	446.7	446.6	446.6	447.3	447.1	447.0	446.9
	445.6	446.3	446.2	446.2	446.1	446.0	445.9	445.7
	445.3	445.5	445.4	445.4	446.1	446.0	445.9	445.7
	444.5	445.2	445.0	445.0	444.9	444.8	444.7	444.6
	444.1	444.3	444.2	444.2	444.9	444.8	444.7	444.6
	443.3	444.0	443.9	443.9	443.8	443.6	443.5	443.4
	443.2	443.1	443.1	443.1	443.8	443.6	443.5	443.4

READING ON UNIT	INITIAL HEAD FOR LAYER 42 WITH FORMAT: (10G12.5)							
	1	2	3	4	5	6	7	8
8	11	12	13	14	15	16	17	18
18	21	22	23	24	25	26	27	28
28	31	32	33	34	35	36	37	38
38	41	42	43	44	45	46	47	48
48	51	52	53	54	55	56	57	58
58	61	62	63	64	65	66	67	68
68	71	72	73	74	75	76	77	78
78	81	82	83	84	85	86	87	88
88	91	92	93	94	95	96	97	98
98			100					



SECTION\_A\_DESIGN\_CASE\_NOD3

108	101	102	103	104	105	106	107
111	109	110	111	112	113	114	115
118	111	112	113	114	115	116	117
121	119	120	121	122	123	124	125
128	121	122	123	124	125	126	127
131	129	130	131	132	133	134	135
138	131	132	133	134	135	136	137
141	139	140	141	142	143	144	145
148	141	142	143	144	145	146	147
151	149	150	151	152	153	154	155
158	151	152	153	154	155	156	157
161	159	160	161	162	163	164	165
168	161	162	163	164	165	166	167
171	169	170	171	172	173	174	175
178	171	172	173	174	175	176	177
181	179	180	181	182	183	184	185
188	181	182	183	184	185	186	187
191	189	190	191	192	193	194	195
198	191	192	193	194	195	196	197
201	199	200	201	202	203	204	205
208	201	202	203	204	205	206	207
211	209	210	211	212	213	214	215
218	211	212	213	214	215	216	217
221	219	220	221	222	223	224	225
228	221	222	223	224	225	226	227
231	229	230	231	232	233	234	235
238	231	232	233	234	235	236	237
241	239	240	241	242	243	244	245
248	241	242	243	244	245	246	247
251	249	250	251	252	253	254	255
258	251	252	253	254	255	256	257
261	259	260	261	262	263	264	265
268	261	262	263	264	265	266	267
271	269	270	271	272	273	274	275
278	271	272	273	274	275	276	277
281	279	280	281	282	283	284	285
288	281	282	283	284	285	286	287
291	289	290	291	292	293	294	295
298	291	292	293	294	295	296	297
301	299	300	301	302	303	304	305
308	301	302	303	304	305	306	307
311	309	310	311	312	313	314	315
318	311	312	313	314	315	316	317
321	319	320	321	322	323	324	325
328	321	322	323	324	325	326	327
331	329	330	331	332	333	334	335
338	331	332	333	334	335	336	337
341	339	340	341	342	343	344	345
348	341	342	343	344	345	346	347
351	349	350	351	352	353	354	355
358	351	352	353	354	355	356	357
361	359	360	361	362	363	364	365
368	361	362	363	364	365	366	367
371	369	370	371	372	373	374	375
378	371	372	373	374	375	376	377
381	379	380	381	382	383	384	385
388	381	382	383	384	385	386	387
391	389	390	391	392	393	394	395
398	391	392	393	394	395	396	397
401	399	400	401	402	403	404	405
408	401	402	403	404	405	406	407
411	409	410	411	412	413	414	415
418	411	412	413	414	415	416	417
421	419	420	421	422	423	424	425
	421	422	423	424	425	426	427

SECTION\_A\_DESIGN\_CASE\_NOD3

428	429	430	431	432	433	434	435	436	437
438	439	440	441	442	443	444	445	446	447
448	449	450	451	452	453	454	455	456	457
458	459	460	461	462	463	464	465	466	467
468	469	470	471	472	473	474	475	476	477
478	479	480	481	482	483	484	485	486	487
488	489	490	491	492	493	494	495	496	497
498	499	500							

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1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.7	461.7	461.7
	461.8	461.8	461.8	461.8	461.7	461.7	461.7
	461.7	461.7	461.7	461.7	461.6	461.6	461.5
	461.6	461.6	461.6	461.6	461.6	461.6	461.5
	461.5	461.5	461.5	461.5	461.4	461.4	461.4
	461.5	461.4	461.4	461.4	461.4	461.4	461.4
	461.3	461.3	461.3	461.3	461.2	461.2	461.2
	461.3	461.3	461.3	461.3	461.2	461.2	461.2
	461.2	461.1	461.1	461.1	461.1	461.0	461.0
	461.1	461.1	461.1	461.1	461.0	461.0	461.0
	461.0	461.0	461.0	460.9	460.9	460.8	460.8
	460.9	460.9	460.9	460.9	460.9	460.8	460.8
	460.8	460.8	460.8	460.8	460.7	460.7	460.7
	460.8	460.7	460.7	460.7	460.7	460.7	460.7
	460.6	460.6	460.6	460.6	460.5	460.5	460.5
	460.6	460.6	460.6	460.5	460.5	460.5	460.5
	460.5	460.4	460.4	460.4	460.4	460.3	460.3
	460.4	460.4	460.4	460.4	460.4	460.3	460.3
	460.3	460.3	460.2	460.2	460.3	460.3	460.3
	460.2	460.2	460.2	460.2	460.2	460.1	460.1
	460.1	460.1	460.1	460.2	460.2	460.1	460.1
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	459.9	459.9	459.9	459.8	459.8	459.8	459.8
	459.9	459.9	459.9	459.8	459.8	459.8	459.8
	459.8	459.7	459.7	459.7	459.6	459.6	459.6
	459.8	459.7	459.7	459.7	459.6	459.6	459.6
	459.7	459.7	459.7	459.6	459.6	459.6	459.6
	459.6	459.6	459.5	459.5	459.5	459.4	459.4
	459.5	459.5	459.5	459.5	459.5	459.4	459.4
	459.4	459.4	459.4	459.4	459.5	459.4	459.4
	459.3	459.3	459.3	459.3	459.3	459.3	459.2
	459.3	459.3	459.3	459.3	459.3	459.3	459.2
	459.2	459.2	459.2	459.2	459.1	459.1	459.1
	459.2	459.2	459.1	459.1	459.1	459.1	459.1
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	458.9	458.9	458.8	458.8	458.8	458.7	458.7
	458.9	458.8	458.8	458.8	458.8	458.7	458.7
	458.8	458.8	458.8	458.8	458.7	458.7	458.7
	458.7	458.7	458.7	458.6	458.6	458.6	458.5
	458.6	458.6	458.6	458.6	458.6	458.6	458.5
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	458.5	458.4	458.4	458.5	458.4	458.4	458.4
	458.5	458.4	458.4	458.4	458.4	458.4	458.4
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	458.2	458.1	458.1	458.1	458.2	458.2	458.2
	458.1	458.1	458.1	458.1	458.1	458.0	458.0
	458.1	458.1	458.1	458.1	458.1	458.0	458.0
	458.0	458.0	458.0	458.0	457.9	457.8	457.8
	458.0	458.0	458.0	457.9	457.9	457.8	457.8
	457.9	457.9	457.9	457.9	457.9	457.8	457.8

SECTION\_A\_DESIGN\_CASE\_NOD3

457.8	457.8	457.8	457.8	457.7	457.7	457.7	457.7	457.7
457.6	457.6	457.6	457.6	457.5	457.5	457.5	457.5	457.5
457.5	457.4	457.4	457.4	457.4	457.4	457.3	457.3	457.3
457.3	457.2	457.2	457.2	457.2	457.2	457.2	457.1	457.1
457.1	457.1	457.0	457.0	457.0	457.0	457.0	457.0	457.0
456.9	456.9	456.9	456.9	456.8	456.8	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.7	456.6	456.6	456.6	456.6
456.6	456.5	456.5	456.5	456.5	456.5	456.5	456.4	456.4
456.4	456.4	456.3	456.3	456.3	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.2	456.1	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	456.0	455.9	455.9	455.9	455.9
455.9	455.8	455.8	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.6	455.6	455.6	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.5	455.4	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
455.2	455.1	455.1	455.1	455.0	455.0	455.0	455.0	454.9
454.9	454.8	454.5	454.4	454.4	454.3	454.1	454.0	453.9
453.8	453.7	453.3	453.2	453.2	453.1	453.0	452.9	452.7
452.6	452.5	452.2	452.4	452.0	451.9	451.8	451.7	451.6
451.5	451.3	451.0	451.2	450.9	450.8	450.6	450.5	450.4
450.3	449.9	449.8	449.7	449.7	449.6	449.5	449.4	449.2
449.1	448.8	448.7	448.5	448.5	448.4	448.3	448.2	448.1
448.0	447.6	447.5	447.7	447.4	447.3	447.1	447.0	446.9
446.8	446.4	446.3	446.6	446.2	446.1	446.0	445.9	445.7
445.6	445.3	445.2	445.4	445.0	444.9	444.8	444.7	444.6
444.5	444.1	444.0	444.2	443.9	443.8	443.6	443.5	443.4
443.3	443.2	443.2	443.1	443.1	443.1	443.1	443.1	443.1

READING ON UNIT 10 INITIAL HEAD FOR LAYER 43 WITH FORMAT: (10G12.5)

1	2	3	4	5	6	7
8	9	10	11	12	13	14
18	19	20	21	22	23	24
28	29	30	31	32	33	34

## SECTION\_A\_DESIGN\_CASE\_NOD3

	31		32		33		34		35		36		37
38	41	39	42	40	43	44	45	46	47				
48	51	49	52	50	53	54	55	56	57				
58	61	59	62	60	63	64	65	66	67				
68	71	69	72	70	73	74	75	76	77				
78	81	79	82	80	83	84	85	86	87				
88	91	89	92	90	93	94	95	96	97				
98	101	99	102	100	103	104	105	106	107				
108	111	109	112	110	113	114	115	116	117				
118	121	119	122	120	123	124	125	126	127				
128	131	129	132	130	133	134	135	136	137				
138	141	139	142	140	143	144	145	146	147				
148	151	149	152	150	153	154	155	156	157				
158	161	159	162	160	163	164	165	166	167				
168	171	169	172	170	173	174	175	176	177				
178	181	179	182	180	183	184	185	186	187				
188	191	189	192	190	193	194	195	196	197				
198	201	199	202	200	203	204	205	206	207				
208	211	209	212	210	213	214	215	216	217				
218	221	219	222	220	223	224	225	226	227				
228	231	229	232	230	233	234	235	236	237				
238	241	239	242	240	243	244	245	246	247				
248	251	249	252	250	253	254	255	256	257				
258	261	259	262	260	263	264	265	266	267				
268	271	269	272	270	273	274	275	276	277				
278	281	279	282	280	283	284	285	286	287				
288	291	289	292	290	293	294	295	296	297				
298	301	299	302	300	303	304	305	306	307				
308	311	309	312	310	313	314	315	316	317				
318	321	319	322	320	323	324	325	326	327				
328	331	329	332	330	333	334	335	336	337				
338	341	339	342	340	343	344	345	346	347				
348	351	349	352	350	353	354	355	356	357				

## SECTION\_A\_DESIGN\_CASE\_NOD3

358		359		360															
	361		362		363		364		365		366		367						
368		369		370		371		372		373		374		375		376		377	
	371		372		373		374		375		376		377		378		379		380
378		379		380		381		382		383		384		385		386		387	
	381		382		383		384		385		386		387		388		389		390
388		389		390		391		392		393		394		395		396		397	
	391		392		393		394		395		396		397		398		399		400
398		399		400		401		402		403		404		405		406		407	
	401		402		403		404		405		406		407		408		409		410
408		409		410		411		412		413		414		415		416		417	
	411		412		413		414		415		416		417		418		419		420
418		419		420		421		422		423		424		425		426		427	
	421		422		423		424		425		426		427		428		429		430
428		429		430		431		432		433		434		435		436		437	
	431		432		433		434		435		436		437		438		439		440
438		439		440		441		442		443		444		445		446		447	
	441		442		443		444		445		446		447		448		449		450
448		449		450		451		452		453		454		455		456		457	
	451		452		453		454		455		456		457		458		459		460
458		459		460		461		462		463		464		465		466		467	
	461		462		463		464		465		466		467		468		469		470
468		469		470		471		472		473		474		475		476		477	
	471		472		473		474		475		476		477		478		479		480
478		479		480		481		482		483		484		485		486		487	
	481		482		483		484		485		486		487		488		489		490
488		489		490		491		492		493		494		495		496		497	
	491		492		493		494		495		496		497		498		499		500
498		499		500															

1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.7	461.7	461.7
	461.8	461.8	461.8	461.8	461.7	461.7	461.7
	461.7	461.7	461.7	461.7	461.6	461.5	461.5
	461.6	461.6	461.6	461.6	461.6	461.5	461.5
	461.5	461.5	461.5	461.5	461.6	461.5	461.5
	461.5	461.4	461.4	461.4	461.4	461.4	461.4
	461.3	461.3	461.3	461.3	461.4	461.4	461.4
	461.3	461.3	461.3	461.3	461.2	461.2	461.2
	461.2	461.1	461.1	461.1	461.2	461.2	461.2
	461.1	461.1	461.1	461.1	461.1	461.0	461.0
	461.0	461.0	461.0	461.0	461.1	461.0	461.0
	460.9	460.9	460.9	460.9	460.9	460.9	460.8
	460.8	460.8	460.8	460.8	460.9	460.9	460.8
	460.8	460.7	460.7	460.7	460.7	460.7	460.7
	460.6	460.6	460.6	460.6	460.7	460.7	460.7
	460.6	460.6	460.6	460.5	460.7	460.7	460.7
	460.5	460.4	460.4	460.4	460.5	460.5	460.5
	460.4	460.4	460.4	460.4	460.5	460.5	460.5
	460.3	460.3	460.2	460.2	460.4	460.3	460.3
	460.2	460.2	460.2	460.2	460.4	460.3	460.3
	460.1	460.1	460.1	460.2	460.2	460.2	460.1
	460.1	460.0	460.0	460.1	460.2	460.2	460.1
	460.1	460.0	460.0	460.0	460.0	460.0	460.0
	459.9	459.9	459.9	460.0	460.0	460.0	459.9
	459.9	459.9	459.8	459.9	459.8	459.8	459.8
	459.8	459.7	459.7	459.8	459.8	459.8	459.8
	459.7	459.7	459.7	459.7	459.8	459.8	459.8
	459.6	459.6	459.5	459.6	459.6	459.6	459.6
	459.5	459.5	459.5	459.6	459.6	459.6	459.6
	459.5	459.5	459.5	459.5	459.6	459.6	459.6
	459.4	459.4	459.4	459.5	459.5	459.5	459.4
	459.3	459.3	459.3	459.4	459.5	459.5	459.4
	459.2	459.2	459.2	459.3	459.3	459.3	459.2
	459.2	459.2	459.2	459.3	459.3	459.3	459.2
	459.2	459.2	459.1	459.2	459.3	459.3	459.2
	459.2	459.2	459.1	459.1	459.1	459.1	459.1

## SECTION\_A\_DESIGN\_CASE\_NOD3

459.0	459.0	459.0	459.0	458.9	458.9	458.9	458.9
458.9	458.9	458.9	458.8	458.9	458.9	458.9	458.9
458.8	458.8	458.8	458.8	458.8	458.7	458.7	458.7
458.7	458.7	458.7	458.7	458.6	458.6	458.6	458.5
458.6	458.6	458.6	458.6	458.6	458.6	458.6	458.5
458.5	458.5	458.5	458.5	458.4	458.4	458.4	458.4
458.5	458.4	458.4	458.4	458.4	458.4	458.4	458.4
458.3	458.3	458.3	458.3	458.3	458.2	458.2	458.2
458.3	458.3	458.3	458.3	458.2	458.2	458.2	458.2
458.2	458.1	458.1	458.1	458.1	458.0	458.0	458.0
458.1	458.1	458.1	458.1	458.1	458.0	458.0	458.0
458.0	458.0	458.0	458.0	458.1	458.0	458.0	458.0
457.9	457.9	457.9	457.9	457.9	457.9	457.8	457.8
457.8	457.8	457.8	457.8	457.9	457.9	457.8	457.8
457.8	457.7	457.7	457.7	457.7	457.7	457.7	457.7
457.6	457.6	457.6	457.6	457.7	457.7	457.7	457.7
457.6	457.6	457.6	457.5	457.5	457.5	457.5	457.5
457.5	457.4	457.4	457.4	457.5	457.5	457.5	457.5
457.4	457.4	457.4	457.4	457.4	457.3	457.3	457.3
457.3	457.3	457.2	457.2	457.4	457.3	457.3	457.3
457.2	457.2	457.2	457.2	457.2	457.2	457.1	457.1
457.1	457.1	457.1	457.1	457.2	457.2	457.1	457.1
457.1	457.0	457.0	457.0	457.0	457.0	457.0	457.0
456.9	456.9	456.9	456.9	457.0	457.0	457.0	457.0
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456.8	456.7	456.7	456.7	456.8	456.8	456.8	456.8
456.7	456.7	456.7	456.7	456.6	456.6	456.6	456.6
456.6	456.6	456.5	456.5	456.6	456.6	456.6	456.6
456.5	456.5	456.5	456.5	456.5	456.5	456.4	456.4
456.4	456.4	456.4	456.4	456.5	456.5	456.4	456.4
456.4	456.3	456.3	456.3	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.2	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.1	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	456.1	456.1	456.1	456.1
456.0	456.0	456.0	456.0	456.1	456.1	456.1	456.1
455.9	455.9	455.9	455.9	455.9	455.9	455.9	455.9
455.8	455.8	455.8	455.8	455.9	455.9	455.9	455.9
455.8	455.8	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.7	455.7	455.7	455.8	455.8	455.7	455.7
455.6	455.6	455.6	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.5	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.4	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.4	455.4	455.4	455.4
455.2	455.1	455.1	455.1	455.2	455.2	455.2	455.2
455.1	455.1	455.1	455.0	455.2	455.2	455.2	455.2
454.9	454.8	454.7	454.7	455.0	455.0	455.0	454.9
454.6	454.5	454.4	454.4	455.0	455.0	455.0	454.9
453.8	453.7	453.6	453.6	454.3	454.1	454.0	453.9
453.4	453.3	453.2	453.2	454.4	454.1	454.0	453.9
452.6	452.5	452.4	452.4	454.3	454.1	454.0	453.9
452.3	452.2	452.0	452.0	454.4	454.1	454.0	453.9
451.5	451.3	451.2	451.2	454.3	454.1	454.0	453.9
451.1	451.0	450.9	450.9	454.3	454.1	454.0	453.9
450.3	450.2	450.1	450.1	454.3	454.1	454.0	453.9
449.9	449.8	449.7	449.7	454.3	454.1	454.0	453.9
449.1	449.0	448.9	448.9	454.3	454.1	454.0	453.9
448.8	448.7	448.5	448.5	454.3	454.1	454.0	453.9
448.0	447.8	447.7	447.7	448.4	448.3	448.2	448.1
447.6	447.5	447.4	447.4	448.4	448.3	448.2	448.1
446.8	446.7	446.6	446.6	447.3	447.1	447.0	446.9
446.4	446.3	446.2	446.2	447.3	447.1	447.0	446.9
445.6	445.5	445.4	445.4	447.3	447.1	447.0	446.9
445.3	445.2	445.0	445.0	446.1	446.0	445.9	445.7
444.5	444.3	444.2	444.2	446.1	446.0	445.9	445.7
				444.9	444.8	444.7	444.6

## SECTION\_A\_DESIGN\_CASE\_NOD3

444.1      444.0      443.9      443.8      443.6      443.5      443.4  
 443.3      443.2      443.1

READING ON UNIT	INITIAL HEAD FOR LAYER 44 WITH FORMAT: (10G12.5)						
	1	2	3	4	5	6	7
8	11	12	13	14	15	16	17
18	21	22	23	24	25	26	27
28	31	32	33	34	35	36	37
38	41	42	43	44	45	46	47
48	51	52	53	54	55	56	57
58	61	62	63	64	65	66	67
68	71	72	73	74	75	76	77
78	81	82	83	84	85	86	87
88	91	92	93	94	95	96	97
98	101	102	103	104	105	106	107
108	111	112	113	114	115	116	117
118	121	122	123	124	125	126	127
128	131	132	133	134	135	136	137
138	141	142	143	144	145	146	147
148	151	152	153	154	155	156	157
158	161	162	163	164	165	166	167
168	171	172	173	174	175	176	177
178	181	182	183	184	185	186	187
188	191	192	193	194	195	196	197
198	201	202	203	204	205	206	207
208	211	212	213	214	215	216	217
218	221	222	223	224	225	226	227
228	231	232	233	234	235	236	237
238	241	242	243	244	245	246	247
248	251	252	253	254	255	256	257
258	261	262	263	264	265	266	267
268	271	272	273	274	275	276	277
278	281	282	283	284	285	286	287

SECTION\_A\_DESIGN\_CASE\_NOD3

288	289	289	290	293	294	295	296	297
298	291	299	300	293	294	295	296	297
308	301	302	303	303	304	305	306	307
318	311	309	310	313	314	315	316	317
328	321	312	319	312	313	314	315	316
338	329	322	320	323	324	325	326	327
348	331	329	330	333	334	335	336	337
358	339	332	340	333	334	335	336	337
368	341	339	342	343	344	345	346	347
378	349	342	350	343	344	345	346	347
388	351	352	352	353	354	355	356	357
398	359	359	360	363	364	365	366	367
408	361	362	370	363	364	365	366	367
418	371	372	370	373	374	375	376	377
428	379	379	380	383	384	385	386	387
438	381	382	390	383	384	385	386	387
448	389	389	392	393	394	395	396	397
458	391	392	400	393	394	395	396	397
468	401	402	410	403	404	405	406	407
478	409	409	410	403	404	405	406	407
488	411	412	420	413	414	415	416	417
498	419	419	422	413	414	415	416	417
	421	422	430	423	424	425	426	427
	429	429	430	423	424	425	426	427
	431	432	440	433	434	435	436	437
	439	439	440	433	434	435	436	437
	441	442	450	443	444	445	446	447
	449	449	450	443	444	445	446	447
	451	452	460	453	454	455	456	457
	459	459	460	453	454	455	456	457
	461	462	470	463	464	465	466	467
	469	469	470	463	464	465	466	467
	471	472	480	473	474	475	476	477
	479	479	480	473	474	475	476	477
	481	482	490	483	484	485	486	487
	489	489	490	483	484	485	486	487
	491	492	493	493	494	495	496	497
	499	499	500	493	494	495	496	497

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1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.9	461.9	461.9	461.9
	461.8	461.8	461.8	461.8	461.7	461.7	461.7
	461.7	461.7	461.7	461.8	461.7	461.7	461.7
	461.6	461.6	461.6	461.6	461.6	461.5	461.5
	461.5	461.5	461.5	461.6	461.6	461.5	461.5
	461.5	461.4	461.4	461.4	461.4	461.4	461.4
	461.3	461.3	461.3	461.4	461.4	461.4	461.4
	461.3	461.3	461.3	461.3	461.2	461.2	461.2
	461.2	461.1	461.1	461.3	461.2	461.2	461.2
	461.1	461.1	461.1	461.1	461.1	461.0	461.0
	461.0	461.0	461.0	461.1	461.0	461.0	461.0
	460.9	460.9	460.9	461.0	460.9	460.9	460.8
	460.8	460.8	460.8	460.9	460.9	460.9	460.8
	460.8	460.7	460.7	460.8	460.7	460.7	460.7
	460.6	460.6	460.6	460.7	460.7	460.7	460.7
	460.6	460.6	460.6	460.6	460.7	460.7	460.7
	460.5	460.6	460.5	460.5	460.5	460.5	460.5
	460.4	460.4	460.4	460.5	460.5	460.5	460.5
	460.4	460.4	460.4	460.4	460.3	460.3	460.3



## SECTION\_A\_DESIGN\_CASE\_NOD3

460.3	460.3	460.2	460.2	460.2	460.2	460.1	460.1
460.2	460.2	460.1	460.1	460.1	460.1	460.1	460.1
460.1	460.1	460.0	460.0	460.0	460.0	460.0	459.9
459.9	459.9	459.9	459.9	459.8	459.8	459.8	459.8
459.8	459.7	459.7	459.7	459.7	459.6	459.6	459.6
459.6	459.6	459.5	459.5	459.5	459.5	459.4	459.4
459.4	459.4	459.3	459.3	459.3	459.3	459.3	459.2
459.2	459.2	459.2	459.2	459.1	459.1	459.1	459.1
459.0	459.0	459.0	459.0	459.0	458.9	458.9	458.9
458.9	458.8	458.8	458.8	458.8	458.7	458.7	458.7
458.7	458.7	458.6	458.6	458.6	458.6	458.6	458.5
458.5	458.5	458.4	458.4	458.4	458.4	458.4	458.4
458.3	458.3	458.3	458.3	458.2	458.2	458.2	458.2
458.2	458.1	458.1	458.1	458.1	458.0	458.0	458.0
458.0	458.0	457.9	457.9	457.9	457.9	457.8	457.8
457.8	457.8	457.7	457.7	457.7	457.7	457.7	457.7
457.6	457.6	457.6	457.5	457.5	457.5	457.5	457.5
457.5	457.4	457.4	457.4	457.4	457.3	457.3	457.3
457.3	457.3	457.2	457.2	457.2	457.2	457.1	457.1
457.1	457.1	457.0	457.0	457.0	457.0	457.0	457.0
456.9	456.9	456.9	456.8	456.8	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.6	456.6	456.6	456.6
456.6	456.6	456.5	456.5	456.5	456.5	456.4	456.4
456.4	456.4	456.3	456.3	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.1	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	455.9	455.9	455.9	455.9
455.9	455.9	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.7	455.7	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.4	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
455.2	455.1	455.1	455.0	455.0	455.0	455.0	454.9
454.9	454.8	454.7	454.4	454.3	454.1	454.0	453.9
453.8	453.7	453.6	453.6	453.1	453.0	452.9	452.7
452.6	452.5	452.4	452.4				

SECTION_A_DESIGN_CASE_NOD3							
452.3	452.2	452.0	451.9	451.8	451.7	451.6	
451.5	451.3	451.2	450.9	450.8	450.6	450.4	
451.1	451.0	450.9	450.8	450.6	450.5	450.4	
450.3	450.2	450.1	449.7	449.6	449.5	449.2	
449.9	449.8	449.7	449.6	449.5	449.4	449.2	
449.1	449.0	448.9	448.5	448.4	448.3	448.1	
448.8	448.7	448.5	448.4	448.3	448.2	448.1	
448.0	447.8	447.7	447.4	447.3	447.1	447.0	
447.6	447.5	447.4	447.3	447.1	447.0	446.9	
446.8	446.7	446.6	446.2	446.1	446.0	445.9	
446.4	446.3	446.2	446.1	446.0	445.9	445.7	
445.6	445.5	445.4	445.0	444.9	444.8	444.6	
445.3	445.2	445.0	444.9	444.8	444.7	444.6	
444.5	444.3	444.2	443.9	443.8	443.6	443.4	
444.1	444.0	443.9	443.8	443.6	443.5	443.4	
443.3	443.2	443.1					

READING ON UNIT	INITIAL HEAD FOR LAYER 45 WITH FORMAT: (10G12.5)						
	1	2	3	4	5	6	7
8	11	12	13	14	15	16	17
18	21	22	23	24	25	26	27
28	31	32	33	34	35	36	37
38	41	42	43	44	45	46	47
48	51	52	53	54	55	56	57
58	61	62	63	64	65	66	67
68	71	72	73	74	75	76	77
78	81	82	83	84	85	86	87
88	91	92	93	94	95	96	97
98	101	102	103	104	105	106	107
108	111	112	113	114	115	116	117
118	121	122	123	124	125	126	127
128	131	132	133	134	135	136	137
138	141	142	143	144	145	146	147
148	151	152	153	154	155	156	157
158	161	162	163	164	165	166	167
168	171	172	173	174	175	176	177
178	181	182	183	184	185	186	187
188	191	192	193	194	195	196	197
198	201	202	203	204	205	206	207
208	209	210	211	212	213	214	215
	211	212	213	214	215	216	217

SECTION\_A\_DESIGN\_CASE\_NOD3

218	219	220	221	222	223	224	225	226	227
228	229	230	231	232	233	234	235	236	237
238	239	240	241	242	243	244	245	246	247
248	249	250	251	252	253	254	255	256	257
258	259	260	261	262	263	264	265	266	267
268	269	270	271	272	273	274	275	276	277
278	279	280	281	282	283	284	285	286	287
288	289	290	291	292	293	294	295	296	297
298	299	300	301	302	303	304	305	306	307
308	309	310	311	312	313	314	315	316	317
318	319	320	321	322	323	324	325	326	327
328	329	330	331	332	333	334	335	336	337
338	339	340	341	342	343	344	345	346	347
348	349	350	351	352	353	354	355	356	357
358	359	360	361	362	363	364	365	366	367
368	369	370	371	372	373	374	375	376	377
378	379	380	381	382	383	384	385	386	387
388	389	390	391	392	393	394	395	396	397
398	399	400	401	402	403	404	405	406	407
408	409	410	411	412	413	414	415	416	417
418	419	420	421	422	423	424	425	426	427
428	429	430	431	432	433	434	435	436	437
438	439	440	441	442	443	444	445	446	447
448	449	450	451	452	453	454	455	456	457
458	459	460	461	462	463	464	465	466	467
468	469	470	471	472	473	474	475	476	477
478	479	480	481	482	483	484	485	486	487
488	489	490	491	492	493	494	495	496	497
498	499	500							

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1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.7	461.7	461.7
	461.8	461.8	461.7	461.6	461.6	461.5	461.5
	461.7	461.7	461.6	461.6	461.6	461.5	461.5
	461.6	461.6	461.6	461.6	461.6	461.5	461.5



SECTION_A_DESIGN_CASE_NOD3							
455.8	455.8	455.8	455.8	455.8	455.7	455.7	
455.7	455.7	455.7	455.7	455.7	455.6	455.5	
455.6	455.6	455.6	455.6	455.6	455.6	455.4	
455.5	455.5	455.5	455.5	455.4	455.4	455.4	
455.5	455.5	455.4	455.4	455.4	455.4	455.4	
455.3	455.3	455.3	455.3	455.3	455.2	455.2	
455.3	455.3	455.3	455.3	455.2	455.2	455.2	
455.2	455.1	455.1	455.1	455.2	455.2	455.2	
455.1	455.1	455.1	455.0	455.0	455.0	454.9	
454.9	454.8	454.7	454.7	454.3	454.1	454.0	
454.6	454.5	454.4	454.4	454.3	454.1	454.0	
453.8	453.7	453.6	453.6	454.3	454.1	453.9	
453.4	453.3	453.2	453.2	453.1	453.0	452.9	
452.6	452.5	452.4	452.4	453.1	453.0	452.9	
452.3	452.2	452.0	452.0	451.9	451.8	451.7	
451.5	451.3	451.2	451.2	451.9	451.8	451.7	
451.1	451.0	450.9	450.9	450.8	450.6	450.5	
450.3	450.2	450.1	450.1	450.8	450.6	450.5	
449.9	449.8	449.7	449.7	449.6	449.5	449.4	
449.1	449.0	448.9	448.9	449.6	449.5	449.4	
448.8	448.7	448.5	448.5	449.6	449.5	449.4	
448.0	447.8	447.7	447.7	448.4	448.3	448.2	
447.6	447.5	447.4	447.4	448.4	448.3	448.2	
446.8	446.7	446.6	446.6	447.3	447.1	447.0	
446.4	446.3	446.2	446.2	447.3	447.1	447.0	
445.6	445.5	445.4	445.4	446.1	446.0	445.9	
445.3	445.2	445.0	445.0	446.1	446.0	445.9	
444.5	444.3	444.2	444.2	446.1	446.0	445.9	
444.1	444.0	443.9	443.9	444.9	444.8	444.7	
443.3	443.2	443.1	443.1	444.9	444.8	444.7	
				443.8	443.6	443.5	
				443.8	443.6	443.5	
				443.8	443.6	443.5	

INITIAL HEAD FOR LAYER 46							
READING ON UNIT 10 WITH FORMAT: (10G12.5)							
1	2	3	4	5	6	7	
8	9	10	10	11	12	13	14
11	12	13	13	14	15	16	17
18	19	20	20	21	22	23	24
21	22	23	23	24	25	26	27
28	29	30	30	31	32	33	34
31	32	33	33	34	35	36	37
38	39	40	40	41	42	43	44
41	42	43	43	44	45	46	47
48	49	50	50	51	52	53	54
51	52	53	53	54	55	56	57
58	59	60	60	61	62	63	64
61	62	63	63	64	65	66	67
68	69	70	70	71	72	73	74
71	72	73	73	74	75	76	77
78	79	80	80	81	82	83	84
81	82	83	83	84	85	86	87
88	89	90	90	91	92	93	94
91	92	93	93	94	95	96	97
98	99	100	100	101	102	103	104
101	102	103	103	104	105	106	107
108	109	110	110	111	112	113	114
111	112	113	113	114	115	116	117
118	119	120	120	121	122	123	124
121	122	123	123	124	125	126	127
128	129	130	130	131	132	133	134
131	132	133	133	134	135	136	137
138	139	140	140	141	142	143	144
141	142	143	143	144	145	146	147

## SECTION\_A\_DESIGN\_CASE\_NOD3

148		149	150					
158	151	159	152	153	154	155	156	157
168	161	169	162	163	164	165	166	167
178	171	179	172	173	174	175	176	177
188	181	189	182	183	184	185	186	187
198	191	199	192	193	194	195	196	197
208	201	209	202	203	204	205	206	207
218	211	219	212	213	214	215	216	217
228	221	229	222	223	224	225	226	227
238	231	239	232	233	234	235	236	237
248	241	249	242	243	244	245	246	247
258	251	259	252	253	254	255	256	257
268	261	269	262	263	264	265	266	267
278	271	279	272	273	274	275	276	277
288	281	289	282	283	284	285	286	287
298	291	299	292	293	294	295	296	297
308	301	309	302	303	304	305	306	307
318	311	319	312	313	314	315	316	317
328	321	329	322	323	324	325	326	327
338	331	339	332	333	334	335	336	337
348	341	349	342	343	344	345	346	347
358	351	359	352	353	354	355	356	357
368	361	369	362	363	364	365	366	367
378	371	379	372	373	374	375	376	377
388	381	389	382	383	384	385	386	387
398	391	399	392	393	394	395	396	397
408	401	409	402	403	404	405	406	407
418	411	419	412	413	414	415	416	417
428	421	429	422	423	424	425	426	427
438	431	439	432	433	434	435	436	437
448	441	449	442	443	444	445	446	447
458	451	459	452	453	454	455	456	457
468	461	469	462	463	464	465	466	467
			470					

SECTION\_A\_DESIGN\_CASE\_NOD3

471	472	473	474	475	476	477
478	479	480	483	484	485	486
481	482	488	490	493	494	495
488	489	491	492	493	494	495
491	492	498	499	500	496	497

1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.7	461.7	461.7
	461.8	461.8	461.8	461.8	461.7	461.7	461.7
	461.7	461.7	461.7	461.6	461.6	461.5	461.5
	461.6	461.6	461.6	461.6	461.6	461.5	461.5
	461.5	461.5	461.5	461.5	461.4	461.4	461.4
	461.5	461.4	461.4	461.4	461.4	461.4	461.4
	461.3	461.3	461.3	461.3	461.2	461.2	461.2
	461.3	461.3	461.3	461.3	461.2	461.2	461.2
	461.2	461.1	461.1	461.1	461.1	461.0	461.0
	461.1	461.1	461.1	461.1	461.0	461.0	461.0
	461.0	461.0	461.0	460.9	460.9	460.8	460.8
	460.9	460.9	460.9	460.9	460.9	460.8	460.8
	460.8	460.8	460.8	460.8	460.7	460.7	460.7
	460.8	460.7	460.7	460.7	460.7	460.7	460.7
	460.6	460.6	460.6	460.6	460.5	460.5	460.5
	460.6	460.6	460.5	460.5	460.5	460.5	460.5
	460.5	460.4	460.4	460.4	460.4	460.3	460.3
	460.4	460.4	460.4	460.4	460.3	460.3	460.3
	460.3	460.3	460.2	460.2	460.2	460.1	460.1
	460.2	460.2	460.2	460.2	460.2	460.1	460.1
	460.1	460.1	460.1	460.0	460.0	460.0	459.9
	460.1	460.0	460.0	460.0	460.0	460.0	459.9
	459.9	459.9	459.9	459.8	459.8	459.8	459.8
	459.9	459.9	459.8	459.8	459.8	459.8	459.8
	459.8	459.7	459.7	459.7	459.6	459.6	459.6
	459.7	459.7	459.7	459.6	459.6	459.6	459.6
	459.6	459.6	459.5	459.5	459.5	459.4	459.4
	459.5	459.5	459.5	459.5	459.5	459.4	459.4
	459.4	459.4	459.4	459.4	459.3	459.3	459.2
	459.3	459.3	459.3	459.3	459.3	459.3	459.2
	459.2	459.2	459.2	459.1	459.1	459.1	459.1
	459.2	459.2	459.1	459.1	459.1	459.1	459.1
	459.0	459.0	459.0	458.9	458.9	458.9	458.9
	459.0	459.0	459.0	458.9	458.9	458.9	458.9
	458.9	458.9	458.8	458.8	458.7	458.7	458.7
	458.8	458.8	458.8	458.8	458.7	458.7	458.7
	458.7	458.7	458.7	458.6	458.6	458.6	458.5
	458.6	458.6	458.6	458.6	458.6	458.6	458.5
	458.5	458.5	458.5	458.4	458.4	458.4	458.4
	458.5	458.4	458.4	458.4	458.4	458.4	458.4
	458.3	458.3	458.3	458.2	458.2	458.2	458.2
	458.3	458.3	458.3	458.2	458.2	458.2	458.2
	458.2	458.1	458.1	458.1	458.0	458.0	458.0
	458.1	458.1	458.1	458.1	458.0	458.0	458.0
	458.0	458.0	458.0	457.9	457.9	457.8	457.8
	457.9	457.9	457.9	457.9	457.9	457.8	457.8
	457.8	457.8	457.8	457.7	457.7	457.7	457.7
	457.8	457.7	457.7	457.7	457.7	457.7	457.7
	457.6	457.6	457.6	457.5	457.5	457.5	457.5
	457.6	457.6	457.5	457.5	457.5	457.5	457.5
	457.5	457.4	457.4	457.4	457.3	457.3	457.3
	457.4	457.4	457.4	457.4	457.3	457.3	457.3
	457.3	457.3	457.2	457.2	457.2	457.1	457.1
	457.2	457.2	457.2	457.2	457.2	457.1	457.1
	457.1	457.1	457.1	457.2	457.2	457.1	457.1

SECTION_A_DESIGN_CASE_NOD3							
457.1	457.0	457.0	457.0	457.0	457.0	457.0	457.0
456.9	456.9	456.9	456.9	456.8	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.7	456.6	456.6	456.6
456.6	456.6	456.5	456.5	456.5	456.5	456.5	456.4
456.4	456.4	456.5	456.4	456.5	456.5	456.4	456.4
456.2	456.2	456.3	456.3	456.3	456.3	456.3	456.2
456.1	456.2	456.2	456.1	456.1	456.1	456.1	456.1
455.9	456.0	456.0	456.0	456.0	455.9	455.9	455.9
455.7	455.9	455.8	455.8	455.8	455.8	455.7	455.7
455.5	455.7	455.6	455.7	455.6	455.6	455.6	455.5
455.3	455.5	455.5	455.5	455.4	455.4	455.4	455.4
455.2	455.3	455.3	455.3	455.3	455.2	455.2	455.2
454.9	455.1	455.1	455.1	455.0	455.0	455.0	454.9
453.8	454.8	454.5	454.7	454.4	454.3	454.1	453.9
452.6	453.7	453.3	453.6	453.2	453.1	453.0	452.9
451.5	452.5	452.2	452.4	452.0	451.9	451.8	451.7
450.3	451.3	451.0	451.2	450.9	450.8	450.6	450.5
449.1	450.2	450.1	450.1	449.7	449.6	449.5	449.4
448.0	449.9	449.8	449.9	448.9	448.8	448.7	448.6
446.8	448.8	448.7	448.5	448.4	448.3	448.2	448.1
445.6	447.8	447.7	447.7	447.4	447.3	447.1	447.0
444.5	447.6	447.5	447.4	446.6	446.6	446.5	446.4
443.3	446.8	446.7	446.6	446.2	446.1	446.0	445.9
	446.4	446.3	446.2	445.4	445.4	445.3	445.2
	445.6	445.5	445.4	445.0	444.9	444.8	444.7
	445.3	445.2	445.0	444.9	444.8	444.7	444.6
	444.5	444.3	444.2	443.9	443.8	443.6	443.5
	444.1	444.0	443.9	443.8	443.6	443.5	443.4
	443.3	443.2	443.1				

INITIAL HEAD FOR LAYER 47							
READING ON UNIT 10 WITH FORMAT: (10G12.5)							
1	2	3	4	5	6	7	
8	9	10	11	12	13	14	15
18	19	20	21	22	23	24	25
28	29	30	31	32	33	34	35
38	39	40	41	42	43	44	45
48	49	50	51	52	53	54	55
58	59	60	61	62	63	64	65
68	69	70	71	72	73	74	75
	71	72	73	74	75	76	77



## SECTION\_A\_DESIGN\_CASE\_NOD3

78		79		80									
	81		82		83		84		85		86		87
88		89		90									
	91		92		93		94		95		96		97
98		99		100									
	101		102		103		104		105		106		107
108		109		110									
	111		112		113		114		115		116		117
118		119		120									
	121		122		123		124		125		126		127
128		129		130									
	131		132		133		134		135		136		137
138		139		140									
	141		142		143		144		145		146		147
148		149		150									
	151		152		153		154		155		156		157
158		159		160									
	161		162		163		164		165		166		167
168		169		170									
	171		172		173		174		175		176		177
178		179		180									
	181		182		183		184		185		186		187
188		189		190									
	191		192		193		194		195		196		197
198		199		200									
	201		202		203		204		205		206		207
208		209		210									
	211		212		213		214		215		216		217
218		219		220									
	221		222		223		224		225		226		227
228		229		230									
	231		232		233		234		235		236		237
238		239		240									
	241		242		243		244		245		246		247
248		249		250									
	251		252		253		254		255		256		257
258		259		260									
	261		262		263		264		265		266		267
268		269		270									
	271		272		273		274		275		276		277
278		279		280									
	281		282		283		284		285		286		287
288		289		290									
	291		292		293		294		295		296		297
298		299		300									
	301		302		303		304		305		306		307
308		309		310									
	311		312		313		314		315		316		317
318		319		320									
	321		322		323		324		325		326		327
328		329		330									
	331		332		333		334		335		336		337
338		339		340									
	341		342		343		344		345		346		347
348		349		350									
	351		352		353		354		355		356		357
358		359		360									
	361		362		363		364		365		366		367
368		369		370									
	371		372		373		374		375		376		377
378		379		380									
	381		382		383		384		385		386		387
388		389		390									
	391		392		393		394		395		396		397
398		399		400									

## SECTION\_A\_DESIGN\_CASE\_NOD3

401	402	403	404	405	406	407
408	409	410	411	412	413	414
418	419	420	421	422	423	424
428	429	430	431	432	433	434
438	439	440	441	442	443	444
448	449	450	451	452	453	454
458	459	460	461	462	463	464
468	469	470	471	472	473	474
478	479	480	481	482	483	484
488	489	490	491	492	493	494
498	499	500				

1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.7	461.7	461.7
	461.8	461.8	461.8	461.8	461.7	461.7	461.7
	461.7	461.7	461.7	461.7	461.6	461.6	461.6
	461.6	461.6	461.6	461.6	461.6	461.6	461.5
	461.5	461.5	461.5	461.5	461.6	461.6	461.5
	461.5	461.4	461.4	461.4	461.4	461.4	461.4
	461.3	461.3	461.3	461.3	461.4	461.4	461.4
	461.3	461.3	461.3	461.3	461.2	461.2	461.2
	461.2	461.1	461.1	461.1	461.2	461.2	461.2
	461.1	461.1	461.1	461.1	461.1	461.0	461.0
	461.0	461.0	461.0	461.0	461.0	461.0	461.0
	460.9	460.9	460.9	460.9	460.9	460.9	460.8
	460.8	460.8	460.8	460.8	460.9	460.9	460.8
	460.8	460.7	460.7	460.7	460.7	460.7	460.7
	460.6	460.6	460.6	460.6	460.7	460.7	460.7
	460.6	460.6	460.6	460.5	460.7	460.7	460.7
	460.5	460.4	460.4	460.4	460.5	460.5	460.5
	460.4	460.4	460.4	460.4	460.5	460.5	460.5
	460.4	460.4	460.4	460.4	460.4	460.3	460.3
	460.3	460.3	460.2	460.2	460.4	460.3	460.3
	460.2	460.2	460.2	460.2	460.2	460.2	460.1
	460.1	460.1	460.1	460.1	460.2	460.2	460.1
	460.1	460.0	460.0	460.0	460.2	460.2	460.1
	459.9	459.9	459.9	459.9	460.0	460.0	459.9
	459.9	459.9	459.9	459.8	460.0	460.0	459.9
	459.8	459.7	459.7	459.8	460.0	460.0	459.8
	459.8	459.7	459.7	459.7	459.8	459.8	459.8
	459.7	459.7	459.7	459.7	459.8	459.8	459.8
	459.6	459.6	459.5	459.6	459.6	459.6	459.6
	459.6	459.5	459.5	459.5	459.6	459.6	459.6
	459.5	459.5	459.5	459.5	459.6	459.6	459.4
	459.4	459.4	459.4	459.4	459.5	459.5	459.4
	459.3	459.3	459.3	459.3	459.5	459.5	459.4
	459.2	459.2	459.2	459.3	459.3	459.3	459.3
	459.2	459.2	459.2	459.2	459.3	459.3	459.2
	459.2	459.2	459.1	459.1	459.3	459.3	459.2
	459.0	459.0	459.0	459.1	459.1	459.1	459.1
	459.0	459.0	459.0	459.0	459.1	459.1	459.1
	458.9	458.9	458.8	458.9	459.1	459.1	459.1
	458.9	458.8	458.8	458.9	459.1	459.1	459.1
	458.8	458.8	458.8	458.8	458.9	458.9	458.9
	458.7	458.7	458.7	458.8	458.9	458.9	458.9
	458.6	458.6	458.6	458.8	458.7	458.7	458.7
	458.5	458.5	458.5	458.6	458.7	458.7	458.7
	458.5	458.4	458.4	458.6	458.6	458.6	458.5
	458.3	458.3	458.3	458.4	458.6	458.6	458.5
	458.3	458.3	458.3	458.4	458.4	458.4	458.4

## SECTION\_A\_DESIGN\_CASE\_NOD3

458.3	458.3	458.3	458.2	458.2	458.2	458.2
458.2	458.1	458.1	458.1	458.0	458.0	458.0
458.1	458.1	458.1	458.1	458.0	458.0	458.0
458.0	458.0	458.0	458.0	457.9	457.8	457.8
457.9	457.9	457.9	457.9	457.9	457.8	457.8
457.8	457.8	457.8	457.8	457.7	457.7	457.7
457.8	457.7	457.7	457.7	457.7	457.7	457.7
457.6	457.6	457.6	457.6	457.5	457.5	457.5
457.6	457.6	457.6	457.5	457.5	457.5	457.5
457.5	457.4	457.4	457.4	457.4	457.3	457.3
457.4	457.4	457.4	457.4	457.4	457.3	457.3
457.3	457.3	457.2	457.2	457.2	457.1	457.1
457.2	457.2	457.2	457.2	457.2	457.1	457.1
457.1	457.1	457.1	457.1	457.0	457.0	457.0
457.1	457.0	457.0	457.0	457.0	457.0	457.0
456.9	456.9	456.9	456.9	456.8	456.8	456.8
456.9	456.9	456.9	456.8	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.6	456.6	456.6
456.7	456.7	456.7	456.7	456.6	456.6	456.6
456.6	456.6	456.5	456.5	456.5	456.4	456.4
456.5	456.5	456.5	456.5	456.5	456.4	456.4
456.4	456.4	456.4	456.4	456.3	456.3	456.2
456.4	456.3	456.3	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.2	456.1	456.1	456.1
456.2	456.2	456.1	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	455.9	455.9	455.9
456.0	456.0	456.0	456.0	455.9	455.9	455.9
455.9	455.9	455.8	455.8	455.8	455.7	455.7
455.8	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.7	455.7	455.7	455.6	455.6	455.5
455.6	455.6	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.5	455.4	455.4	455.4
455.5	455.5	455.4	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.2	455.2	455.2
455.3	455.3	455.3	455.3	455.2	455.2	455.2
455.2	455.1	455.1	455.1	455.0	455.0	454.9
455.1	455.1	455.0	455.0	455.0	455.0	454.9
454.9	454.8	454.7	454.7	454.3	454.1	453.9
454.6	454.5	454.4	454.4	454.3	454.1	453.9
453.8	453.7	453.6	453.6	453.1	453.0	452.7
453.4	453.3	453.2	453.2	453.1	453.0	452.7
452.6	452.5	452.4	452.4	451.9	451.8	451.6
452.3	452.2	452.0	452.0	451.9	451.8	451.6
451.5	451.3	451.2	451.2	450.8	450.6	450.4
451.1	451.0	450.9	450.9	450.8	450.6	450.4
450.3	450.2	450.1	450.1	449.6	449.5	449.2
449.9	449.8	449.7	449.7	449.6	449.5	449.2
449.1	449.0	448.9	448.9	448.4	448.3	448.1
448.8	448.7	448.5	448.5	448.4	448.3	448.1
448.0	447.8	447.7	447.7	447.3	447.1	446.9
447.6	447.5	447.4	447.4	447.3	447.1	446.9
446.8	446.7	446.6	446.6	446.1	446.0	445.7
446.4	446.3	446.2	446.2	446.1	446.0	445.7
445.6	445.5	445.4	445.4	444.9	444.8	444.6
445.3	445.2	445.0	445.0	444.9	444.8	444.6
444.5	444.3	444.2	444.2	443.8	443.6	443.4
444.1	444.0	443.9	443.9	443.8	443.6	443.4
443.3	443.2	443.1	443.1	443.8	443.6	443.4
443.3	443.2	443.1	443.1	443.6	443.5	443.4

INITIAL HEAD FOR LAYER 48  
 READING ON UNIT 10 WITH FORMAT: (10G12.5)

1 2 3 4 5 6 7

SECTION\_A\_DESIGN\_CASE\_NOD3

8	9	10	11	12	13	14	15	16	17
18	19	20	21	22	23	24	25	26	27
28	29	30	31	32	33	34	35	36	37
38	39	40	41	42	43	44	45	46	47
48	49	50	51	52	53	54	55	56	57
58	59	60	61	62	63	64	65	66	67
68	69	70	71	72	73	74	75	76	77
78	79	80	81	82	83	84	85	86	87
88	89	90	91	92	93	94	95	96	97
98	99	100	101	102	103	104	105	106	107
108	109	110	111	112	113	114	115	116	117
118	119	120	121	122	123	124	125	126	127
128	129	130	131	132	133	134	135	136	137
138	139	140	141	142	143	144	145	146	147
148	149	150	151	152	153	154	155	156	157
158	159	160	161	162	163	164	165	166	167
168	169	170	171	172	173	174	175	176	177
178	179	180	181	182	183	184	185	186	187
188	189	190	191	192	193	194	195	196	197
198	199	200	201	202	203	204	205	206	207
208	209	210	211	212	213	214	215	216	217
218	219	220	221	222	223	224	225	226	227
228	229	230	231	232	233	234	235	236	237
238	239	240	241	242	243	244	245	246	247
248	249	250	251	252	253	254	255	256	257
258	259	260	261	262	263	264	265	266	267
268	269	270	271	272	273	274	275	276	277
278	279	280	281	282	283	284	285	286	287
288	289	290	291	292	293	294	295	296	297
298	299	300	301	302	303	304	305	306	307
308	309	310	311	312	313	314	315	316	317
318	319	320	321	322	323	324	325	326	327
328	329	330							

SECTION\_A\_DESIGN\_CASE\_NOD3

331	332	333	334	335	336	337
338	339	340	341	342	343	344
348	349	350	351	352	353	354
358	359	360	361	362	363	364
368	369	370	371	372	373	374
378	379	380	381	382	383	384
388	389	390	391	392	393	394
398	399	400	401	402	403	404
408	409	410	411	412	413	414
418	419	420	421	422	423	424
428	429	430	431	432	433	434
438	439	440	441	442	443	444
448	449	450	451	452	453	454
458	459	460	461	462	463	464
468	469	470	471	472	473	474
478	479	480	481	482	483	484
488	489	490	491	492	493	494
498	499	500				

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1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8				
	461.8	461.8	461.8	461.8	461.7	461.7	461.7
	461.7	461.7	461.7				
	461.6	461.6	461.6	461.6	461.6	461.5	461.5
	461.5	461.5	461.5				
	461.5	461.4	461.4	461.4	461.4	461.4	461.4
	461.3	461.3	461.3				
	461.3	461.3	461.3	461.2	461.2	461.2	461.2
	461.2	461.1	461.1				
	461.1	461.1	461.1	461.1	461.0	461.0	461.0
	461.0	461.0	461.0				
	460.9	460.9	460.9	460.9	460.9	460.8	460.8
	460.8	460.8	460.8				
	460.8	460.7	460.7	460.7	460.7	460.7	460.7
	460.6	460.6	460.6				
	460.6	460.6	460.5	460.5	460.5	460.5	460.5
	460.5	460.4	460.4				
	460.4	460.4	460.4	460.4	460.3	460.3	460.3
	460.3	460.3	460.2				
	460.2	460.2	460.2	460.2	460.2	460.1	460.1
	460.1	460.1	460.1				
	460.1	460.0	460.0	460.0	460.0	460.0	459.9
	459.9	459.9	459.9				
	459.9	459.9	459.8	459.8	459.8	459.8	459.8
	459.8	459.7	459.7				
	459.7	459.7	459.7	459.6	459.6	459.6	459.6
	459.6	459.6	459.5				

SECTION\_A\_DESIGN\_CASE\_NOD3

459.5	459.5	459.5	459.5	459.5	459.4	459.4
459.4	459.4	459.4	459.4	459.4	459.3	459.2
459.3	459.3	459.3	459.3	459.3	459.3	459.1
459.2	459.2	459.2	459.2	459.1	459.1	459.1
459.2	459.2	459.2	459.1	459.1	459.1	459.1
459.0	459.0	459.0	459.0	459.0	458.9	458.9
459.0	459.0	459.0	459.0	458.9	458.9	458.9
458.9	458.9	458.9	458.8	458.8	458.7	458.7
458.8	458.8	458.8	458.8	458.8	458.7	458.7
458.7	458.7	458.7	458.7	458.6	458.6	458.6
458.6	458.6	458.6	458.6	458.6	458.6	458.5
458.5	458.5	458.5	458.5	458.5	458.4	458.4
458.5	458.4	458.4	458.4	458.4	458.4	458.4
458.3	458.3	458.3	458.3	458.2	458.2	458.2
458.3	458.3	458.3	458.3	458.2	458.2	458.2
458.2	458.1	458.1	458.1	458.1	458.0	458.0
458.1	458.1	458.1	458.1	458.1	458.0	458.0
458.0	458.0	458.0	458.0	458.1	458.0	458.0
457.9	457.9	457.9	457.9	457.9	457.9	457.8
457.8	457.8	457.8	457.8	457.9	457.9	457.8
457.8	457.7	457.7	457.7	457.7	457.7	457.7
457.6	457.6	457.6	457.6	457.7	457.7	457.7
457.6	457.6	457.6	457.5	457.5	457.5	457.5
457.5	457.4	457.4	457.4	457.5	457.5	457.5
457.4	457.4	457.4	457.4	457.4	457.3	457.3
457.3	457.3	457.2	457.2	457.3	457.3	457.3
457.2	457.2	457.2	457.2	457.2	457.1	457.1
457.1	457.1	457.1	457.1	457.2	457.2	457.1
457.1	457.0	457.0	457.0	457.2	457.1	457.1
456.9	456.9	456.9	456.9	457.0	457.0	457.0
456.9	456.9	456.9	456.8	457.0	457.0	457.0
456.8	456.7	456.7	456.7	456.8	456.8	456.8
456.7	456.7	456.7	456.7	456.8	456.8	456.8
456.6	456.6	456.5	456.5	456.6	456.6	456.6
456.5	456.5	456.5	456.5	456.6	456.6	456.6
456.4	456.4	456.4	456.4	456.5	456.5	456.4
456.4	456.3	456.3	456.3	456.5	456.5	456.4
456.2	456.2	456.2	456.2	456.3	456.3	456.2
456.2	456.2	456.2	456.1	456.3	456.3	456.2
456.1	456.0	456.0	456.0	456.1	456.1	456.1
456.0	456.0	456.0	456.0	456.1	456.1	456.1
455.9	455.9	455.8	455.8	456.0	455.9	455.9
455.9	455.9	455.8	455.8	455.9	455.9	455.9
455.8	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.7	455.7	455.7	455.8	455.7	455.7
455.6	455.6	455.6	455.6	455.8	455.7	455.7
455.5	455.5	455.5	455.5	455.6	455.6	455.5
455.5	455.5	455.5	455.4	455.6	455.6	455.5
455.3	455.3	455.3	455.3	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.4	455.4	455.4
455.2	455.1	455.1	455.1	455.2	455.2	455.2
455.1	455.1	455.1	455.0	455.2	455.2	455.2
454.9	454.8	454.7	454.7	455.0	455.0	454.9
454.6	454.5	454.4	454.4	455.0	455.0	454.9
453.8	453.7	453.6	453.6	454.3	454.1	454.0
453.4	453.3	453.2	453.2	454.1	454.0	453.9
452.6	452.5	452.4	452.4	453.1	453.0	452.9
452.3	452.2	452.0	452.0	453.1	453.0	452.9
451.5	451.3	451.2	451.2	453.1	453.0	452.9
451.1	451.0	450.9	450.9	451.9	451.8	451.7
450.3	450.2	450.1	450.1	451.8	451.8	451.7
449.9	449.8	449.7	449.7	450.6	450.5	450.4
449.1	449.0	448.9	448.9	450.8	450.6	450.5
448.8	448.7	448.5	448.5	449.6	449.5	449.4
448.0	447.8	447.7	447.7	449.5	449.4	449.2
447.6	447.5	447.4	447.4	448.4	448.3	448.2
				448.3	448.2	448.1
				447.3	447.1	446.9

## SECTION\_A\_DESIGN\_CASE\_NOD3

446.8	446.7	446.6	446.6	446.2	446.1	446.0	445.9	445.7
445.6	445.5	445.4	445.4	445.0	444.9	444.8	444.7	444.6
444.5	444.3	444.2	444.2	443.9	443.8	443.6	443.5	443.4
443.3	443.2	443.1	443.1					

READING ON UNIT	INITIAL HEAD FOR LAYER 49 10 WITH FORMAT: (10G12.5)						
1	2	3	4	5	6	7	
8	9	10	11	12	13	14	15
18	19	20	21	22	23	24	25
28	29	30	31	32	33	34	35
38	39	40	41	42	43	44	45
48	49	50	51	52	53	54	55
58	59	60	61	62	63	64	65
68	69	70	71	72	73	74	75
78	79	80	81	82	83	84	85
88	89	90	91	92	93	94	95
98	99	100	101	102	103	104	105
108	109	110	111	112	113	114	115
118	119	120	121	122	123	124	125
128	129	130	131	132	133	134	135
138	139	140	141	142	143	144	145
148	149	150	151	152	153	154	155
158	159	160	161	162	163	164	165
168	169	170	171	172	173	174	175
178	179	180	181	182	183	184	185
188	189	190	191	192	193	194	195
198	199	200	201	202	203	204	205
208	209	210	211	212	213	214	215
218	219	220	221	222	223	224	225
228	229	230	231	232	233	234	235
238	239	240	241	242	243	244	245
248	249	250	251	252	253	254	255
258	259	260					

SECTION\_A\_DESIGN\_CASE\_NOD3

261	262	263	264	265	266	267
268	269	270	271	272	273	274
278	279	280	281	282	283	284
288	289	290	291	292	293	294
298	299	300	301	302	303	304
308	309	310	311	312	313	314
318	319	320	321	322	323	324
328	329	330	331	332	333	334
338	339	340	341	342	343	344
348	349	350	351	352	353	354
358	359	360	361	362	363	364
368	369	370	371	372	373	374
378	379	380	381	382	383	384
388	389	390	391	392	393	394
398	399	400	401	402	403	404
408	409	410	411	412	413	414
418	419	420	421	422	423	424
428	429	430	431	432	433	434
438	439	440	441	442	443	444
448	449	450	451	452	453	454
458	459	460	461	462	463	464
468	469	470	471	472	473	474
478	479	480	481	482	483	484
488	489	490	491	492	493	494
498	499	500				

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1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.7	461.7	461.7
	461.8	461.8	461.7	461.6	461.6	461.5	461.5
	461.7	461.7	461.6	461.5	461.4	461.4	461.4
	461.6	461.6	461.5	461.4	461.4	461.4	461.4
	461.5	461.5	461.4	461.3	461.3	461.2	461.2
	461.5	461.4	461.3	461.3	461.2	461.2	461.2
	461.3	461.3	461.3	461.1	461.1	461.0	461.0
	461.3	461.3	461.1	461.1	461.0	461.0	461.0
	461.2	461.1	461.1	461.1	461.0	461.0	461.0
	461.1	461.1	461.0	461.0	461.0	461.0	461.0
	461.0	461.0	461.0	460.9	460.9	460.8	460.8
	460.9	460.9	460.9	460.9	460.9	460.8	460.8
	460.8	460.8	460.8				





## SECTION\_A\_DESIGN\_CASE\_NOD3

454.9	454.8	454.7	454.6	454.5	454.4	454.3	454.1	454.0	453.9
453.8	453.7	453.6	453.5	453.4	453.3	453.2	453.1	452.9	452.7
452.6	452.5	452.4	452.3	452.2	452.1	452.0	451.9	451.8	451.7
451.5	451.4	451.3	451.2	451.1	451.0	450.9	450.8	450.6	450.5
450.3	450.2	450.1	449.9	449.8	449.7	449.6	449.5	449.4	449.2
449.1	449.0	448.9	448.8	448.7	448.6	448.5	448.4	448.3	448.2
448.0	447.9	447.8	447.7	447.6	447.5	447.4	447.3	447.2	447.1
446.8	446.7	446.6	446.5	446.4	446.3	446.2	446.1	446.0	445.9
445.6	445.5	445.4	445.3	445.2	445.1	445.0	444.9	444.8	444.7
444.5	444.4	444.3	444.2	444.1	444.0	443.9	443.8	443.7	443.6
443.3	443.2	443.1							

READING ON UNIT	INITIAL HEAD FOR LAYER 50 WITH FORMAT: (10G12.5)						
	1	2	3	4	5	6	7
8	11	12	13	14	15	16	17
18	21	22	23	24	25	26	27
28	31	32	33	34	35	36	37
38	41	42	43	44	45	46	47
48	51	52	53	54	55	56	57
58	61	62	63	64	65	66	67
68	71	72	73	74	75	76	77
78	81	82	83	84	85	86	87
88	91	92	93	94	95	96	97
98	101	102	103	104	105	106	107
108	111	112	113	114	115	116	117
118	121	122	123	124	125	126	127
128	131	132	133	134	135	136	137
138	141	142	143	144	145	146	147
148	151	152	153	154	155	156	157
158	161	162	163	164	165	166	167
168	171	172	173	174	175	176	177
178	181	182	183	184	185	186	187
188	189	190					

## SECTION\_A\_DESIGN\_CASE\_NOD3

198	191	192	193	194	195	196	197
198	201	202	200	203	204	205	206
208	209	210	210	213	214	215	216
218	211	212	220	223	224	225	226
228	221	222	230	233	234	235	236
238	231	232	240	243	244	245	246
248	241	242	250	253	254	255	256
258	251	252	260	263	264	265	266
268	261	262	270	273	274	275	276
278	271	272	280	283	284	285	286
288	281	282	290	293	294	295	296
298	291	292	300	303	304	305	306
308	301	302	310	313	314	315	316
318	311	312	320	323	324	325	326
328	321	322	330	333	334	335	336
338	331	332	340	343	344	345	346
348	341	342	350	353	354	355	356
358	351	352	360	363	364	365	366
368	361	362	370	373	374	375	376
378	371	372	380	383	384	385	386
388	381	382	390	393	394	395	396
398	391	392	400	403	404	405	406
408	401	402	410	413	414	415	416
418	411	412	420	423	424	425	426
428	421	422	430	433	434	435	436
438	431	432	440	443	444	445	446
448	441	442	450	453	454	455	456
458	451	452	460	463	464	465	466
468	461	462	470	473	474	475	476
478	471	472	480	483	484	485	486
488	481	482	490	493	494	495	496
498	491	492	500	493	494	495	496

SECTION_A_DESIGN_CASE_NOD3							
1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.7	461.7	461.7
	461.8	461.8	461.8	461.8	461.7	461.7	461.7
	461.7	461.7	461.7	461.6	461.6	461.5	461.5
	461.6	461.6	461.6	461.6	461.6	461.5	461.5
	461.5	461.5	461.5	461.4	461.4	461.4	461.4
	461.5	461.4	461.4	461.4	461.4	461.4	461.4
	461.3	461.3	461.3	461.3	461.2	461.2	461.2
	461.3	461.3	461.3	461.3	461.2	461.2	461.2
	461.2	461.1	461.1	461.1	461.0	461.0	461.0
	461.1	461.1	461.1	461.1	461.0	461.0	461.0
	461.0	461.0	461.0	460.9	460.9	460.8	460.8
	460.9	460.9	460.9	460.9	460.9	460.8	460.8
	460.8	460.8	460.8	460.7	460.7	460.7	460.7
	460.8	460.7	460.7	460.7	460.7	460.7	460.7
	460.6	460.6	460.6	460.5	460.5	460.5	460.5
	460.6	460.6	460.5	460.5	460.5	460.5	460.5
	460.5	460.4	460.4	460.4	460.3	460.3	460.3
	460.4	460.4	460.4	460.4	460.3	460.3	460.3
	460.3	460.3	460.2	460.2	460.2	460.1	460.1
	460.2	460.2	460.2	460.2	460.2	460.1	460.1
	460.1	460.1	460.1	460.0	460.0	460.0	459.9
	460.1	460.0	460.0	460.0	460.0	460.0	459.9
	459.9	459.9	459.9	459.8	459.8	459.8	459.8
	459.9	459.9	459.8	459.8	459.8	459.8	459.8
	459.8	459.7	459.7	459.7	459.6	459.6	459.6
	459.7	459.7	459.7	459.6	459.6	459.6	459.6
	459.6	459.6	459.5	459.5	459.5	459.4	459.4
	459.5	459.5	459.5	459.5	459.5	459.4	459.4
	459.4	459.4	459.4	459.3	459.3	459.3	459.2
	459.3	459.3	459.3	459.3	459.3	459.3	459.2
	459.2	459.2	459.2	459.1	459.1	459.1	459.1
	459.2	459.2	459.1	459.1	459.1	459.1	459.1
	459.0	459.0	459.0	458.9	458.9	458.9	458.9
	459.0	459.0	459.0	458.9	458.9	458.9	458.9
	458.9	458.9	458.8	458.8	458.7	458.7	458.7
	458.8	458.8	458.8	458.8	458.7	458.7	458.7
	458.7	458.7	458.7	458.6	458.6	458.6	458.5
	458.6	458.6	458.6	458.6	458.6	458.6	458.5
	458.5	458.5	458.5	458.4	458.4	458.4	458.4
	458.5	458.4	458.4	458.4	458.4	458.4	458.4
	458.3	458.3	458.3	458.2	458.2	458.2	458.2
	458.3	458.3	458.3	458.2	458.2	458.2	458.2
	458.2	458.1	458.1	458.1	458.0	458.0	458.0
	458.1	458.1	458.1	458.1	458.0	458.0	458.0
	458.0	458.0	458.0	457.9	457.9	457.8	457.8
	457.9	457.9	457.9	457.9	457.9	457.8	457.8
	457.8	457.8	457.8	457.7	457.7	457.7	457.7
	457.8	457.7	457.7	457.7	457.7	457.7	457.7
	457.6	457.6	457.6	457.5	457.5	457.5	457.5
	457.6	457.6	457.5	457.5	457.5	457.5	457.5
	457.5	457.4	457.4	457.4	457.3	457.3	457.3
	457.4	457.4	457.4	457.4	457.3	457.3	457.3
	457.3	457.3	457.2	457.2	457.2	457.1	457.1
	457.2	457.2	457.2	457.2	457.2	457.1	457.1
	457.1	457.1	457.1	457.0	457.0	457.0	457.0
	457.1	457.0	457.0	457.0	457.0	457.0	457.0
	456.9	456.9	456.9	456.8	456.8	456.8	456.8
	456.9	456.9	456.8	456.8	456.8	456.8	456.8
	456.8	456.7	456.7	456.6	456.6	456.6	456.6
	456.7	456.7	456.7	456.6	456.6	456.6	456.6
	456.6	456.6	456.5	456.5	456.5	456.4	456.4
	456.5	456.5	456.5	456.5	456.5	456.4	456.4
	456.4	456.4	456.4	456.3	456.3	456.3	456.2
	456.4	456.3	456.3	456.3	456.3	456.3	456.2

SECTION\_A\_DESIGN\_CASE\_NOD3

456.2	456.2	456.2	456.2	456.1	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	455.9	455.9	455.9	455.9	455.9
455.9	455.8	455.8	455.8	455.8	455.8	455.7	455.7	455.7
455.7	455.6	455.6	455.6	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.5	455.4	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
455.2	455.1	455.1	455.1	455.0	455.0	455.0	455.0	454.9
454.9	454.8	454.5	454.7	454.4	454.3	454.1	454.0	453.9
453.8	453.7	453.3	453.6	453.2	453.1	453.0	452.9	452.7
452.6	452.3	452.2	452.4	452.0	451.9	451.8	451.7	451.6
451.5	451.3	451.0	451.2	450.9	450.8	450.6	450.5	450.4
450.3	449.9	449.8	450.2	449.7	449.6	449.5	449.4	449.2
449.1	448.8	448.7	448.9	448.5	448.4	448.3	448.2	448.1
448.0	447.6	447.5	447.7	447.4	447.3	447.1	447.0	446.9
446.8	446.4	446.3	446.6	446.2	446.1	446.0	445.9	445.7
445.6	445.3	445.2	445.4	445.0	444.9	444.8	444.7	444.6
444.5	444.1	444.0	444.2	443.9	443.8	443.6	443.5	443.4
443.3	443.2	443.1	443.1					

READING ON UNIT	INITIAL HEAD FOR LAYER 51 WITH FORMAT: (10G12.5)							
	1	2	3	4	5	6	7	8
8	11	12	10	13	14	15	16	17
18	21	22	20	23	24	25	26	27
28	31	32	30	33	34	35	36	37
38	41	42	40	43	44	45	46	47
48	51	52	50	53	54	55	56	57
58	61	62	60	63	64	65	66	67
68	71	72	70	73	74	75	76	77
78	81	82	80	83	84	85	86	87
88	91	92	90	93	94	95	96	97
98	101	102	100	103	104	105	106	107
108	111	112	110	113	114	115	116	117
118	119	120	120					

## SECTION\_A\_DESIGN\_CASE\_NOD3

121	122	123	124	125	126	127
128	129	130	131	132	133	134
138	139	140	141	142	143	144
148	149	150	151	152	153	154
158	159	160	161	162	163	164
168	169	170	171	172	173	174
178	179	180	181	182	183	184
188	189	190	191	192	193	194
198	199	200	201	202	203	204
208	209	210	211	212	213	214
218	219	220	221	222	223	224
228	229	230	231	232	233	234
238	239	240	241	242	243	244
248	249	250	251	252	253	254
258	259	260	261	262	263	264
268	269	270	271	272	273	274
278	279	280	281	282	283	284
288	289	290	291	292	293	294
298	299	300	301	302	303	304
308	309	310	311	312	313	314
318	319	320	321	322	323	324
328	329	330	331	332	333	334
338	339	340	341	342	343	344
348	349	350	351	352	353	354
358	359	360	361	362	363	364
368	369	370	371	372	373	374
378	379	380	381	382	383	384
388	389	390	391	392	393	394
398	399	400	401	402	403	404
408	409	410	411	412	413	414
418	419	420	421	422	423	424
428	429	430	431	432	433	434
438	439	440	441	442	443	444
					445	446
						447

## SECTION\_A\_DESIGN\_CASE\_NOD3

448		449		450					
	451		452		453		454		455
458		459		460					456
	461		462		463		464		465
468		469		470					466
	471		472		473		474		475
478		479		480					476
	481		482		483		484		485
488		489		490					486
	491		492		493		494		495
498		499		500					496
									497

1	462.0	462.0	462.0	461.9	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.7	461.7	461.7	461.7
	461.8	461.8	461.8	461.8	461.7	461.7	461.7	461.7
	461.7	461.7	461.7	461.7	461.6	461.6	461.5	461.5
	461.6	461.6	461.6	461.6	461.6	461.6	461.5	461.5
	461.5	461.5	461.5	461.5	461.4	461.4	461.4	461.4
	461.5	461.4	461.4	461.4	461.4	461.4	461.4	461.4
	461.3	461.3	461.3	461.3	461.2	461.2	461.2	461.2
	461.3	461.3	461.3	461.3	461.2	461.2	461.2	461.2
	461.2	461.1	461.1	461.1	461.1	461.0	461.0	461.0
	461.1	461.1	461.1	461.1	461.1	461.0	461.0	461.0
	461.0	461.0	461.0	460.9	460.9	460.9	460.8	460.8
	460.9	460.9	460.9	460.9	460.9	460.9	460.8	460.8
	460.8	460.8	460.8	460.8	460.7	460.7	460.7	460.7
	460.8	460.7	460.7	460.7	460.7	460.7	460.7	460.7
	460.6	460.6	460.6	460.6	460.5	460.5	460.5	460.5
	460.6	460.6	460.6	460.5	460.5	460.5	460.5	460.5
	460.5	460.4	460.4	460.4	460.4	460.3	460.3	460.3
	460.4	460.4	460.4	460.4	460.4	460.3	460.3	460.3
	460.3	460.3	460.2	460.2	460.2	460.2	460.1	460.1
	460.2	460.2	460.2	460.2	460.2	460.2	460.1	460.1
	460.1	460.1	460.1	460.1	460.0	460.0	460.0	460.0
	460.1	460.0	460.0	460.0	460.0	460.0	460.0	459.9
	459.9	459.9	459.9	459.9	459.8	459.8	459.8	459.8
	459.9	459.9	459.8	459.8	459.8	459.8	459.8	459.8
	459.8	459.7	459.7	459.7	459.6	459.6	459.6	459.6
	459.7	459.7	459.7	459.7	459.6	459.6	459.6	459.6
	459.6	459.6	459.5	459.5	459.5	459.5	459.4	459.4
	459.5	459.5	459.5	459.5	459.5	459.5	459.4	459.4
	459.4	459.4	459.4	459.4	459.3	459.3	459.3	459.2
	459.3	459.3	459.3	459.3	459.3	459.3	459.3	459.2
	459.2	459.2	459.2	459.2	459.1	459.1	459.1	459.1
	459.2	459.2	459.1	459.1	459.1	459.1	459.1	459.1
	459.0	459.0	459.0	459.0	458.9	458.9	458.9	458.9
	459.0	459.0	459.0	459.0	458.9	458.9	458.9	458.9
	458.9	458.9	458.8	458.8	458.8	458.7	458.7	458.7
	458.8	458.8	458.8	458.8	458.8	458.7	458.7	458.7
	458.7	458.7	458.7	458.7	458.6	458.6	458.6	458.5
	458.6	458.6	458.6	458.6	458.6	458.6	458.6	458.5
	458.5	458.5	458.5	458.5	458.4	458.4	458.4	458.4
	458.5	458.4	458.4	458.4	458.4	458.4	458.4	458.4
	458.3	458.3	458.3	458.3	458.2	458.2	458.2	458.2
	458.3	458.3	458.3	458.3	458.2	458.2	458.2	458.2
	458.2	458.1	458.1	458.1	458.1	458.0	458.0	458.0
	458.1	458.1	458.1	458.1	458.1	458.0	458.0	458.0
	458.0	458.0	458.0	458.0	457.9	457.9	457.8	457.8
	457.9	457.9	457.9	457.9	457.9	457.9	457.8	457.8
	457.8	457.8	457.8	457.8	457.7	457.7	457.7	457.7
	457.8	457.7	457.7	457.7	457.7	457.7	457.7	457.7
	457.6	457.6	457.6	457.6	457.5	457.5	457.5	457.5
	457.6	457.6	457.5	457.5	457.5	457.5	457.5	457.5

SECTION\_A\_DESIGN\_CASE\_NOD3

457.5	457.4	457.4	457.4	457.4	457.3	457.3	457.3
457.3	457.3	457.3	457.2	457.2	457.2	457.1	457.1
457.1	457.1	457.0	457.1	457.0	457.0	457.0	457.0
456.9	456.9	456.9	456.9	456.8	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.7	456.6	456.6	456.6
456.6	456.6	456.5	456.5	456.5	456.5	456.4	456.4
456.4	456.4	456.3	456.4	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.2	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	456.0	455.9	455.9	455.9
455.9	455.9	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.7	455.6	455.7	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.5	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.3	455.2	455.2	455.2
455.2	455.1	455.1	455.1	455.0	455.0	455.0	454.9
454.9	454.8	454.5	454.7	454.4	454.3	454.1	453.9
453.8	453.7	453.3	453.6	453.2	453.1	453.0	452.9
452.6	452.5	452.2	452.4	452.0	451.9	451.8	451.7
451.5	451.3	451.0	451.2	450.9	450.8	450.6	450.5
450.3	450.2	449.8	450.1	449.7	449.6	449.5	449.4
449.1	449.0	448.7	448.9	448.5	448.4	448.3	448.2
448.0	447.8	447.5	447.7	447.4	447.3	447.1	447.0
446.8	446.7	446.3	446.6	446.2	446.1	446.0	445.9
445.6	445.5	445.2	445.4	445.0	444.9	444.8	444.7
444.5	444.3	444.0	444.2	443.9	443.8	443.6	443.5
443.3	443.2	443.1	443.1				

READING ON UNIT	INITIAL HEAD FOR LAYER 52 10 WITH FORMAT: (10G12.5)							
	1	2	3	4	5	6	7	8
8	11	12	10	13	14	15	16	17
18	21	22	20	23	24	25	26	27
28	31	32	30	33	34	35	36	37
38	41	42	40	43	44	45	46	47
48		49	50					



SECTION\_A\_DESIGN\_CASE\_NOD3

51	52	53	54	55	56	57
58	59	60	63	64	65	67
61	62	70	73	74	75	76
68	69	80	83	84	85	86
71	72	90	93	94	95	96
78	79	100	103	104	105	106
81	82	109	110	114	115	116
88	89	119	120	124	125	126
91	92	129	130	134	135	136
98	99	139	140	144	145	146
101	102	149	150	154	155	156
108	109	159	160	164	165	166
111	112	169	170	174	175	176
118	119	179	180	184	185	186
121	122	189	190	194	195	196
128	129	199	200	204	205	206
131	132	209	210	214	215	216
138	139	219	220	224	225	226
141	142	229	230	234	235	236
148	149	239	240	244	245	246
151	152	249	250	254	255	256
158	159	259	260	264	265	266
161	162	269	270	274	275	276
168	169	279	280	284	285	286
171	172	289	290	294	295	296
178	179	299	300	304	305	306
181	182	309	310	314	315	316
188	189	319	320	324	325	326
191	192	329	330	334	335	336
198	199	339	340	344	345	346
201	202	349	350	354	355	356
208	209	359	360	364	365	366
211	212	369	370	374	375	376
218	219	372	373	374	375	377
221	222					
228	229					
231	232					
238	239					
241	242					
248	249					
251	252					
258	259					
261	262					
268	269					
271	272					
278	279					
281	282					
288	289					
291	292					
298	299					
301	302					
308	309					
311	312					
318	319					
321	322					
328	329					
331	332					
338	339					
341	342					
348	349					
351	352					
358	359					
361	362					
368	369					
371	372					

## SECTION\_A\_DESIGN\_CASE\_NOD3

378		379		380					
	381		382		383		384		385
388		389		390					386
	391		392		393		394		395
398		399		400					396
	401		402		403		404		405
408		409		410					406
	411		412		413		414		415
418		419		420					416
	421		422		423		424		425
428		429		430					426
	431		432		433		434		435
438		439		440					436
	441		442		443		444		445
448		449		450					446
	451		452		453		454		455
458		459		460					456
	461		462		463		464		465
468		469		470					466
	471		472		473		474		475
478		479		480					476
	481		482		483		484		477
488		489		490					478
	491		492		493		494		485
498		499		500					486
									487
									495
									496
									497
									498

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1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8				
	461.8	461.8	461.8	461.8	461.7	461.7	461.7
	461.7	461.7	461.7				
	461.6	461.6	461.6	461.6	461.6	461.5	461.5
	461.5	461.5	461.5				
	461.5	461.4	461.4	461.4	461.4	461.4	461.4
	461.3	461.3	461.3				
	461.3	461.3	461.3	461.2	461.2	461.2	461.2
	461.2	461.1	461.1				
	461.1	461.1	461.1	461.1	461.0	461.0	461.0
	461.0	461.0	461.0				
	460.9	460.9	460.9	460.9	460.9	460.8	460.8
	460.8	460.8	460.8				
	460.8	460.7	460.7	460.7	460.7	460.7	460.7
	460.6	460.6	460.6				
	460.6	460.6	460.5	460.5	460.5	460.5	460.5
	460.5	460.4	460.4				
	460.4	460.4	460.4	460.4	460.3	460.3	460.3
	460.3	460.3	460.2				
	460.2	460.2	460.2	460.2	460.2	460.1	460.1
	460.1	460.1	460.1				
	460.1	460.0	460.0	460.0	460.0	460.0	459.9
	459.9	459.9	459.9				
	459.9	459.9	459.8	459.8	459.8	459.8	459.8
	459.8	459.7	459.7				
	459.8	459.7	459.7	459.6	459.6	459.6	459.6
	459.6	459.6	459.5				
	459.5	459.5	459.5	459.5	459.5	459.4	459.4
	459.4	459.4	459.4				
	459.3	459.3	459.3	459.3	459.3	459.3	459.2
	459.2	459.2	459.2				
	459.2	459.2	459.1	459.1	459.1	459.1	459.1
	459.0	459.0	459.0				
	459.0	459.0	459.0	458.9	458.9	458.9	458.9
	458.9	458.9	458.8				
	458.8	458.8	458.8	458.8	458.7	458.7	458.7

## SECTION\_A\_DESIGN\_CASE\_NOD3

458.7	458.7	458.7	458.7	458.6	458.6	458.6	458.6	458.5
458.5	458.6	458.6	458.6	458.6	458.6	458.6	458.6	458.5
458.5	458.5	458.4	458.4	458.4	458.4	458.4	458.4	458.4
458.3	458.3	458.3	458.3	458.3	458.2	458.2	458.2	458.2
458.2	458.3	458.3	458.3	458.2	458.2	458.2	458.2	458.2
458.1	458.1	458.1	458.1	458.1	458.1	458.0	458.0	458.0
458.0	458.0	458.0	458.0	458.0	458.0	458.0	458.0	458.0
457.9	457.9	457.9	457.9	457.9	457.9	457.9	457.8	457.8
457.8	457.8	457.7	457.7	457.7	457.7	457.7	457.7	457.7
457.6	457.8	457.7	457.7	457.7	457.7	457.7	457.7	457.7
457.6	457.6	457.6	457.6	457.6	457.6	457.6	457.6	457.6
457.5	457.6	457.6	457.6	457.5	457.5	457.5	457.5	457.5
457.5	457.4	457.4	457.4	457.4	457.4	457.4	457.4	457.4
457.4	457.4	457.4	457.4	457.4	457.4	457.3	457.3	457.3
457.3	457.3	457.3	457.2	457.2	457.2	457.2	457.2	457.2
457.2	457.2	457.2	457.2	457.2	457.2	457.2	457.1	457.1
457.1	457.1	457.1	457.1	457.1	457.1	457.1	457.1	457.1
457.1	457.1	457.0	457.0	457.0	457.0	457.0	457.0	457.0
456.9	456.9	456.9	456.9	456.9	456.8	456.8	456.8	456.8
456.9	456.9	456.9	456.9	456.8	456.8	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.7	456.7	456.6	456.6	456.6
456.7	456.7	456.7	456.7	456.6	456.6	456.6	456.6	456.6
456.6	456.6	456.6	456.5	456.5	456.5	456.5	456.4	456.4
456.5	456.5	456.5	456.5	456.5	456.5	456.5	456.4	456.4
456.4	456.4	456.4	456.4	456.4	456.4	456.4	456.4	456.4
456.4	456.4	456.3	456.3	456.3	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.2	456.2	456.2	456.2	456.2	456.2
456.2	456.2	456.2	456.1	456.1	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	456.0	455.9	455.9	455.9	455.9
456.0	456.0	456.0	456.0	455.9	455.9	455.9	455.9	455.9
455.9	455.9	455.8	455.8	455.8	455.8	455.8	455.7	455.7
455.8	455.8	455.8	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.7	455.7	455.7	455.6	455.6	455.6	455.6	455.5
455.6	455.6	455.6	455.6	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.5	455.5	455.5	455.5	455.5	455.5
455.5	455.5	455.5	455.4	455.4	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.3	455.3	455.3	455.3	455.3
455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2	455.2
455.2	455.1	455.1	455.1	455.1	455.1	455.1	455.1	455.1
455.1	455.1	455.1	455.0	455.0	455.0	455.0	455.0	454.9
454.9	454.8	454.8	454.7	454.7	454.7	454.7	454.7	454.7
454.6	454.5	454.5	454.4	454.4	454.3	454.1	454.0	453.9
453.8	453.7	453.6	453.6	453.6	453.6	453.6	453.6	453.6
453.4	453.3	453.3	453.2	453.2	453.1	453.0	452.9	452.7
452.6	452.5	452.4	452.4	452.4	452.4	452.4	452.4	452.4
452.3	452.2	452.2	452.0	452.0	451.9	451.8	451.7	451.6
451.5	451.3	451.2	451.2	451.2	451.2	451.2	451.2	451.2
451.1	451.0	450.9	450.9	450.9	450.8	450.6	450.5	450.4
450.3	450.2	450.1	450.1	450.1	450.1	450.1	450.1	450.1
449.9	449.8	449.7	449.7	449.7	449.6	449.5	449.4	449.2
449.1	449.0	448.9	448.9	448.9	448.9	448.9	448.9	448.9
448.8	448.7	448.5	448.5	448.5	448.4	448.3	448.2	448.1
448.0	447.8	447.7	447.7	447.7	447.7	447.7	447.7	447.7
447.6	447.5	447.4	447.4	447.4	447.3	447.1	447.0	446.9
446.8	446.7	446.6	446.6	446.6	446.6	446.6	446.6	446.6
446.4	446.3	446.2	446.2	446.2	446.1	446.0	445.9	445.7
445.6	445.5	445.4	445.4	445.4	445.4	445.4	445.4	445.4
445.3	445.2	445.0	445.0	445.0	444.9	444.8	444.7	444.6
444.5	444.3	444.2	444.2	444.2	444.2	444.2	444.2	444.2
444.1	444.0	443.9	443.9	443.9	443.8	443.6	443.5	443.4
443.3	443.2	443.1	443.1	443.1	443.1	443.1	443.1	443.1

## SECTION\_A\_DESIGN\_CASE\_NOD3

READING ON UNIT	INITIAL HEAD FOR LAYER 53 WITH FORMAT: (10G12.5)							
	1	2	3	4	5	6	7	
8	11	12	13	14	15	16	17	
18	21	22	23	24	25	26	27	
28	31	32	33	34	35	36	37	
38	41	42	43	44	45	46	47	
48	51	52	53	54	55	56	57	
58	61	62	63	64	65	66	67	
68	71	72	73	74	75	76	77	
78	81	82	83	84	85	86	87	
88	91	92	93	94	95	96	97	
98	101	102	103	104	105	106	107	
108	111	112	113	114	115	116	117	
118	121	122	123	124	125	126	127	
128	131	132	133	134	135	136	137	
138	141	142	143	144	145	146	147	
148	151	152	153	154	155	156	157	
158	161	162	163	164	165	166	167	
168	171	172	173	174	175	176	177	
178	181	182	183	184	185	186	187	
188	191	192	193	194	195	196	197	
198	201	202	203	204	205	206	207	
208	211	212	213	214	215	216	217	
218	221	222	223	224	225	226	227	
228	231	232	233	234	235	236	237	
238	241	242	243	244	245	246	247	
248	251	252	253	254	255	256	257	
258	261	262	263	264	265	266	267	
268	271	272	273	274	275	276	277	
278	281	282	283	284	285	286	287	
288	291	292	293	294	295	296	297	
298	301	302	303	304	305	306	307	

## SECTION\_A\_DESIGN\_CASE\_NOD3

308		309		310															
	311		312		313		314		315		316		317						
318		319		320		321		322		323		324		325		326		327	
	321		322		323		324		325		326		327		328		329		330
328		329		330		331		332		333		334		335		336		337	
	331		332		333		334		335		336		337		338		339		340
338		339		340		341		342		343		344		345		346		347	
	341		342		343		344		345		346		347		348		349		350
348		349		350		351		352		353		354		355		356		357	
	351		352		353		354		355		356		357		358		359		360
358		359		360		361		362		363		364		365		366		367	
	361		362		363		364		365		366		367		368		369		370
368		369		370		371		372		373		374		375		376		377	
	371		372		373		374		375		376		377		378		379		380
378		379		380		381		382		383		384		385		386		387	
	381		382		383		384		385		386		387		388		389		390
388		389		390		391		392		393		394		395		396		397	
	391		392		393		394		395		396		397		398		399		400
398		399		400		401		402		403		404		405		406		407	
	401		402		403		404		405		406		407		408		409		410
408		409		410		411		412		413		414		415		416		417	
	411		412		413		414		415		416		417		418		419		420
418		419		420		421		422		423		424		425		426		427	
	421		422		423		424		425		426		427		428		429		430
428		429		430		431		432		433		434		435		436		437	
	431		432		433		434		435		436		437		438		439		440
438		439		440		441		442		443		444		445		446		447	
	441		442		443		444		445		446		447		448		449		450
448		449		450		451		452		453		454		455		456		457	
	451		452		453		454		455		456		457		458		459		460
458		459		460		461		462		463		464		465		466		467	
	461		462		463		464		465		466		467		468		469		470
468		469		470		471		472		473		474		475		476		477	
	471		472		473		474		475		476		477		478		479		480
478		479		480		481		482		483		484		485		486		487	
	481		482		483		484		485		486		487		488		489		490
488		489		490		491		492		493		494		495		496		497	
	491		492		493		494		495		496		497		498		499		500
498		499		500															

1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.7	461.7	461.7
	461.8	461.8	461.7	461.6	461.6	461.5	461.5
	461.7	461.7	461.6	461.5	461.4	461.4	461.4
	461.6	461.5	461.4	461.3	461.2	461.2	461.2
	461.5	461.3	461.3	461.1	461.1	461.0	461.0
	461.3	461.3	461.1	461.0	460.9	460.9	460.8
	461.3	461.1	460.9	460.8	460.7	460.7	460.7
	461.2	461.1	460.8	460.7	460.6	460.5	460.5
	461.1	460.7	460.6	460.5	460.4	460.3	460.3
	461.0	460.6	460.4	460.4	460.2	460.2	460.1
	460.9	460.6	460.2	460.2	460.1	460.0	460.0
	460.8	460.6	460.1	460.0	460.0	460.0	459.9
	460.8	460.7	460.0				
	460.6	460.6					
	460.6	460.6					
	460.5	460.4					
	460.4	460.4					
	460.3	460.3					
	460.2	460.2					
	460.1	460.1					
	460.1	460.0					

## SECTION\_A\_DESIGN\_CASE\_NOD3

459.9	459.9	459.9	459.9	459.8	459.8	459.8	459.8	459.8
459.8	459.9	459.9	459.7	459.8	459.8	459.8	459.8	459.8
459.8	459.7	459.7	459.7	459.7	459.6	459.6	459.6	459.6
459.6	459.6	459.6	459.5	459.5	459.5	459.5	459.4	459.4
459.5	459.5	459.5	459.5	459.5	459.5	459.5	459.4	459.4
459.4	459.4	459.4	459.4	459.4	459.3	459.3	459.3	459.2
459.3	459.3	459.3	459.3	459.3	459.3	459.3	459.3	459.2
459.2	459.2	459.2	459.2	459.2	459.1	459.1	459.1	459.1
459.2	459.2	459.2	459.1	459.1	459.1	459.1	459.1	459.1
459.0	459.0	459.0	459.0	459.0	458.9	458.9	458.9	458.9
459.0	459.0	459.0	459.0	459.0	458.9	458.9	458.9	458.9
458.9	458.9	458.9	458.8	458.8	458.8	458.7	458.7	458.7
458.8	458.8	458.8	458.8	458.8	458.8	458.7	458.7	458.7
458.7	458.7	458.7	458.7	458.7	458.6	458.6	458.6	458.5
458.6	458.6	458.6	458.6	458.6	458.6	458.6	458.6	458.5
458.5	458.5	458.5	458.5	458.5	458.4	458.4	458.4	458.4
458.5	458.5	458.4	458.4	458.4	458.4	458.4	458.4	458.4
458.3	458.3	458.3	458.3	458.3	458.2	458.2	458.2	458.2
458.3	458.3	458.3	458.3	458.3	458.2	458.2	458.2	458.2
458.2	458.1	458.1	458.1	458.1	458.1	458.0	458.0	458.0
458.1	458.1	458.1	458.1	458.1	458.1	458.0	458.0	458.0
458.0	458.0	458.0	458.0	458.0	458.0	458.0	458.0	458.0
457.9	457.9	457.9	457.9	457.9	457.9	457.9	457.8	457.8
457.8	457.8	457.8	457.8	457.8	457.9	457.9	457.8	457.8
457.8	457.8	457.7	457.7	457.7	457.7	457.7	457.7	457.7
457.6	457.6	457.6	457.6	457.6	457.7	457.7	457.7	457.7
457.6	457.6	457.6	457.6	457.5	457.5	457.5	457.5	457.5
457.5	457.4	457.4	457.4	457.4	457.5	457.5	457.5	457.5
457.4	457.4	457.4	457.4	457.4	457.4	457.3	457.3	457.3
457.3	457.3	457.3	457.2	457.2	457.4	457.3	457.3	457.3
457.2	457.2	457.2	457.2	457.2	457.2	457.2	457.1	457.1
457.1	457.1	457.1	457.1	457.1	457.2	457.2	457.1	457.1
457.1	457.1	457.0	457.0	457.0	457.0	457.0	457.0	457.0
456.9	456.9	456.9	456.9	456.9	457.0	457.0	457.0	457.0
456.9	456.9	456.9	456.9	456.8	456.8	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.7	456.8	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.7	456.6	456.6	456.6	456.6
456.6	456.6	456.6	456.5	456.5	456.6	456.6	456.6	456.6
456.5	456.5	456.5	456.5	456.5	456.5	456.5	456.4	456.4
456.4	456.4	456.4	456.4	456.4	456.5	456.5	456.4	456.4
456.4	456.4	456.3	456.3	456.3	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.2	456.2	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.1	456.1	456.2	456.2	456.2	456.2
456.1	456.0	456.0	456.0	456.0	456.1	456.1	456.1	456.1
456.0	456.0	456.0	456.0	456.0	456.1	456.1	456.1	456.1
455.9	455.9	455.9	455.8	455.8	455.9	455.9	455.9	455.9
455.9	455.9	455.8	455.8	455.8	455.8	455.8	455.7	455.7
455.8	455.8	455.8	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.7	455.7	455.7	455.7	455.8	455.8	455.7	455.7
455.6	455.6	455.6	455.6	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.5	455.5	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.4	455.4	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.4	455.4	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.3	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.3	455.4	455.4	455.4	455.4
455.2	455.1	455.1	455.1	455.1	455.2	455.2	455.2	455.2
455.1	455.1	455.1	455.1	455.0	455.2	455.2	455.2	455.2
454.9	454.8	454.8	454.7	454.7	455.0	455.0	455.0	454.9
454.6	454.5	454.5	454.4	454.4	455.0	455.0	455.0	454.9
453.8	453.7	453.6	453.6	453.6	454.3	454.1	454.0	453.9
453.4	453.3	453.2	453.2	453.2	454.4	454.3	454.1	453.9
452.6	452.5	452.4	452.4	452.4	453.1	453.0	452.9	452.7
452.3	452.2	452.0	452.0	452.0	453.1	453.0	452.9	452.7
451.5	451.3	451.2	451.2	451.2	451.9	451.8	451.7	451.6
451.1	451.0	450.9	450.9	450.9	451.9	451.8	451.7	451.6
450.3	450.2	450.1	450.1	450.1	450.8	450.6	450.5	450.4

SECTION_A_DESIGN_CASE_NOD3							
449.9	449.8	449.7	449.6	449.5	449.4	449.2	
449.1	449.0	448.9	448.5	448.4	448.3	448.2	448.1
448.8	448.7	448.7	447.7	447.7	447.1	447.0	446.9
448.0	447.8	447.5	447.4	447.3	447.1	447.0	446.9
447.6	447.5	447.4	447.4	447.3	447.1	447.0	446.9
446.8	446.7	446.6	446.6	446.2	446.1	446.0	445.9
446.4	446.3	446.3	446.2	446.1	446.0	445.9	445.7
445.6	445.5	445.4	445.4	444.9	444.8	444.7	444.6
445.3	445.2	445.2	445.0	444.9	444.8	444.7	444.6
444.5	444.3	444.2	444.2	443.9	443.8	443.6	443.5
444.1	444.0	444.0	443.9	443.8	443.6	443.5	443.4
443.3	443.2	443.1	443.1				

INITIAL HEAD FOR LAYER 54							
READING ON UNIT	10 WITH FORMAT: (10G12.5)						
1	2	3	4	5	6	7	
8	9	10	11	12	13	14	15
18	19	20	21	22	23	24	25
28	29	30	31	32	33	34	35
38	39	40	41	42	43	44	45
48	49	50	51	52	53	54	55
58	59	60	61	62	63	64	65
68	69	70	71	72	73	74	75
78	79	80	81	82	83	84	85
88	89	90	91	92	93	94	95
98	99	100	101	102	103	104	105
108	109	110	111	112	113	114	115
118	119	120	121	122	123	124	125
128	129	130	131	132	133	134	135
138	139	140	141	142	143	144	145
148	149	150	151	152	153	154	155
158	159	160	161	162	163	164	165
168	169	170	171	172	173	174	175
178	179	180	181	182	183	184	185
188	189	190	191	192	193	194	195
198	199	200	201	202	203	204	205
208	209	210	211	212	213	214	215
218	219	220	221	222	223	224	225
228	229	230	231	232	233	234	235

## SECTION\_A\_DESIGN\_CASE\_NOD3

238	239	240	241	242	243	244	245	246	247
248	249	250	251	252	253	254	255	256	257
258	259	260	261	262	263	264	265	266	267
268	269	270	271	272	273	274	275	276	277
278	279	280	281	282	283	284	285	286	287
288	289	290	291	292	293	294	295	296	297
298	299	300	301	302	303	304	305	306	307
308	309	310	311	312	313	314	315	316	317
318	319	320	321	322	323	324	325	326	327
328	329	330	331	332	333	334	335	336	337
338	339	340	341	342	343	344	345	346	347
348	349	350	351	352	353	354	355	356	357
358	359	360	361	362	363	364	365	366	367
368	369	370	371	372	373	374	375	376	377
378	379	380	381	382	383	384	385	386	387
388	389	390	391	392	393	394	395	396	397
398	399	400	401	402	403	404	405	406	407
408	409	410	411	412	413	414	415	416	417
418	419	420	421	422	423	424	425	426	427
428	429	430	431	432	433	434	435	436	437
438	439	440	441	442	443	444	445	446	447
448	449	450	451	452	453	454	455	456	457
458	459	460	461	462	463	464	465	466	467
468	469	470	471	472	473	474	475	476	477
478	479	480	481	482	483	484	485	486	487
488	489	490	491	492	493	494	495	496	497
498	499	500							

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1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.7	461.7	461.7
	461.8	461.8	461.7	461.6	461.6	461.5	461.5
	461.7	461.7	461.6	461.5	461.4	461.4	461.4
	461.6	461.6	461.5	461.4	461.4	461.4	461.4
	461.5	461.5	461.4	461.3	461.2	461.2	461.2
	461.5	461.4	461.4	461.3	461.2	461.2	461.2
	461.3	461.3	461.3	461.3	461.2	461.2	461.2
	461.3	461.3	461.3	461.3	461.2	461.2	461.2





SECTION_A_DESIGN_CASE_NOD3							
455.5	455.5	455.4	455.4	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
455.2	455.1	455.1	455.1	455.0	455.0	455.0	454.9
454.9	454.8	454.7	454.7	454.3	454.1	454.0	453.9
453.8	453.7	453.6	453.6	453.1	453.0	452.9	452.7
452.6	452.5	452.4	452.4	451.9	451.8	451.7	451.6
451.5	451.3	451.2	451.2	450.9	450.8	450.6	450.4
450.3	450.2	450.1	450.1	449.6	449.5	449.4	449.2
449.1	449.0	448.9	448.9	448.4	448.3	448.2	448.1
448.0	447.8	447.7	447.7	447.3	447.1	447.0	446.9
446.8	446.7	446.6	446.6	446.1	446.0	445.9	445.7
445.6	445.5	445.4	445.4	444.9	444.8	444.7	444.6
444.5	444.3	444.2	444.2	443.8	443.6	443.5	443.4
443.3	443.2	443.1	443.1				

READING ON UNIT	INITIAL HEAD FOR LAYER 55 WITH FORMAT: (10G12.5)						
	1	2	3	4	5	6	7
8	11	12	13	14	15	16	17
18	21	22	23	24	25	26	27
28	31	32	33	34	35	36	37
38	41	42	43	44	45	46	47
48	51	52	53	54	55	56	57
58	61	62	63	64	65	66	67
68	71	72	73	74	75	76	77
78	81	82	83	84	85	86	87
88	91	92	93	94	95	96	97
98	101	102	103	104	105	106	107
108	111	112	113	114	115	116	117
118	121	122	123	124	125	126	127
128	131	132	133	134	135	136	137
138	141	142	143	144	145	146	147
148	151	152	153	154	155	156	157
158	161	162	163	164	165	166	167

## SECTION\_A\_DESIGN\_CASE\_NOD3

168	169	170	171	172	173	174	175	176	177
178	179	180	181	182	183	184	185	186	187
188	189	190	191	192	193	194	195	196	197
198	199	200	201	202	203	204	205	206	207
208	209	210	211	212	213	214	215	216	217
218	219	220	221	222	223	224	225	226	227
228	229	230	231	232	233	234	235	236	237
238	239	240	241	242	243	244	245	246	247
248	249	250	251	252	253	254	255	256	257
258	259	260	261	262	263	264	265	266	267
268	269	270	271	272	273	274	275	276	277
278	279	280	281	282	283	284	285	286	287
288	289	290	291	292	293	294	295	296	297
298	299	300	301	302	303	304	305	306	307
308	309	310	311	312	313	314	315	316	317
318	319	320	321	322	323	324	325	326	327
328	329	330	331	332	333	334	335	336	337
338	339	340	341	342	343	344	345	346	347
348	349	350	351	352	353	354	355	356	357
358	359	360	361	362	363	364	365	366	367
368	369	370	371	372	373	374	375	376	377
378	379	380	381	382	383	384	385	386	387
388	389	390	391	392	393	394	395	396	397
398	399	400	401	402	403	404	405	406	407
408	409	410	411	412	413	414	415	416	417
418	419	420	421	422	423	424	425	426	427
428	429	430	431	432	433	434	435	436	437
438	439	440	441	442	443	444	445	446	447
448	449	450	451	452	453	454	455	456	457
458	459	460	461	462	463	464	465	466	467
468	469	470	471	472	473	474	475	476	477
478	479	480	481	482	483	484	485	486	487
488	489	490							

SECTION\_A\_DESIGN\_CASE\_NOD3

491 492 493 494 495 496 497  
 498 499 500

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1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.7	461.7	461.7
	461.8	461.8	461.8	461.8	461.7	461.7	461.7
	461.7	461.7	461.7	461.6	461.6	461.5	461.5
	461.6	461.6	461.6	461.6	461.6	461.5	461.5
	461.5	461.5	461.5	461.4	461.4	461.4	461.4
	461.5	461.4	461.4	461.4	461.4	461.4	461.4
	461.3	461.3	461.3	461.3	461.2	461.2	461.2
	461.3	461.3	461.3	461.2	461.2	461.2	461.2
	461.2	461.1	461.1	461.1	461.0	461.0	461.0
	461.1	461.1	461.1	461.1	461.0	461.0	461.0
	461.0	461.0	461.0	460.9	460.9	460.8	460.8
	460.9	460.9	460.9	460.9	460.9	460.8	460.8
	460.8	460.8	460.8	460.7	460.7	460.7	460.7
	460.8	460.7	460.7	460.7	460.7	460.7	460.7
	460.6	460.6	460.6	460.5	460.5	460.5	460.5
	460.6	460.6	460.5	460.5	460.5	460.5	460.5
	460.5	460.4	460.4	460.4	460.3	460.3	460.3
	460.4	460.4	460.4	460.4	460.3	460.3	460.3
	460.3	460.3	460.2	460.2	460.2	460.1	460.1
	460.2	460.2	460.2	460.2	460.2	460.1	460.1
	460.1	460.1	460.1	460.0	460.0	460.0	459.9
	460.1	460.0	460.0	460.0	460.0	460.0	459.9
	459.9	459.9	459.9	459.8	459.8	459.8	459.8
	459.9	459.9	459.8	459.8	459.8	459.8	459.8
	459.8	459.7	459.7	459.6	459.6	459.6	459.6
	459.7	459.7	459.7	459.6	459.6	459.6	459.6
	459.6	459.6	459.5	459.5	459.5	459.4	459.4
	459.5	459.5	459.5	459.5	459.5	459.4	459.4
	459.4	459.4	459.4	459.3	459.3	459.3	459.2
	459.3	459.3	459.3	459.3	459.3	459.3	459.2
	459.2	459.2	459.2	459.1	459.1	459.1	459.1
	459.2	459.2	459.1	459.1	459.1	459.1	459.1
	459.0	459.0	459.0	458.9	458.9	458.9	458.9
	459.0	459.0	459.0	458.9	458.9	458.9	458.9
	458.9	458.9	458.8	458.8	458.7	458.7	458.7
	458.8	458.8	458.8	458.8	458.7	458.7	458.7
	458.7	458.7	458.7	458.6	458.6	458.6	458.5
	458.6	458.6	458.6	458.6	458.6	458.6	458.5
	458.5	458.5	458.5	458.4	458.4	458.4	458.4
	458.5	458.4	458.4	458.4	458.4	458.4	458.4
	458.3	458.3	458.3	458.2	458.2	458.2	458.2
	458.3	458.3	458.3	458.2	458.2	458.2	458.2
	458.2	458.1	458.1	458.1	458.0	458.0	458.0
	458.1	458.1	458.1	458.1	458.0	458.0	458.0
	458.0	458.0	458.0	457.9	457.9	457.8	457.8
	457.9	457.9	457.9	457.9	457.9	457.8	457.8
	457.8	457.8	457.8	457.7	457.7	457.7	457.7
	457.8	457.7	457.7	457.7	457.7	457.7	457.7
	457.6	457.6	457.6	457.5	457.5	457.5	457.5
	457.6	457.6	457.5	457.5	457.5	457.5	457.5
	457.5	457.4	457.4	457.4	457.3	457.3	457.3
	457.4	457.4	457.4	457.4	457.3	457.3	457.3
	457.3	457.3	457.2	457.2	457.2	457.1	457.1
	457.2	457.2	457.2	457.2	457.2	457.1	457.1
	457.1	457.1	457.1	457.0	457.0	457.0	457.0
	457.1	457.0	457.0	457.0	457.0	457.0	457.0
	456.9	456.9	456.9	456.8	456.8	456.8	456.8
	456.9	456.9	456.8	456.8	456.8	456.8	456.8
	456.8	456.7	456.7	456.8	456.8	456.8	456.8

SECTION_A_DESIGN_CASE_NOD3							
456.7	456.7	456.7	456.6	456.6	456.6	456.6	456.6
456.6	456.6	456.5	456.5	456.5	456.5	456.4	456.4
456.5	456.5	456.4	456.4	456.4	456.4	456.3	456.3
456.4	456.4	456.3	456.3	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.2	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	455.9	455.9	455.9	455.9
455.9	455.9	455.8	455.8	455.8	455.8	455.7	455.7
455.8	455.8	455.7	455.7	455.7	455.7	455.6	455.6
455.7	455.6	455.6	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.5	455.4	455.4	455.4	455.4
455.5	455.5	455.4	455.4	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
455.2	455.1	455.1	455.1	455.0	455.0	455.0	454.9
455.1	455.1	455.0	455.0	455.0	455.0	455.0	454.9
454.9	454.8	454.7	454.7	454.4	454.3	454.1	453.9
454.6	454.5	454.4	454.4	454.3	454.1	454.0	453.9
453.8	453.7	453.6	453.6	453.1	453.0	452.9	452.7
453.4	453.3	453.2	453.2	453.1	453.0	452.9	452.7
452.6	452.5	452.4	452.4	451.9	451.8	451.7	451.6
452.3	452.2	452.0	452.0	451.9	451.8	451.7	451.6
451.5	451.3	451.2	451.2	450.8	450.6	450.5	450.4
451.1	451.0	450.9	450.9	450.8	450.6	450.5	450.4
450.3	450.2	450.1	450.1	449.6	449.5	449.4	449.2
449.9	449.8	449.7	449.7	449.6	449.5	449.4	449.2
449.1	449.0	448.9	448.9	448.4	448.3	448.2	448.1
448.8	448.7	448.5	448.5	448.4	448.3	448.2	448.1
448.0	447.8	447.7	447.7	447.3	447.1	447.0	446.9
447.6	447.5	447.4	447.4	447.3	447.1	447.0	446.9
446.8	446.7	446.6	446.6	446.1	446.0	445.9	445.7
446.4	446.3	446.2	446.2	446.1	446.0	445.9	445.7
445.6	445.5	445.4	445.4	444.9	444.8	444.7	444.6
445.3	445.2	445.0	445.0	444.9	444.8	444.7	444.6
444.5	444.3	444.2	444.2	443.8	443.6	443.5	443.4
444.1	444.0	443.9	443.9	443.8	443.6	443.5	443.4
443.3	443.2	443.1	443.1				

INITIAL HEAD FOR LAYER 56							
READING ON UNIT 10 WITH FORMAT: (10G12.5)							
1	2	3	4	5	6	7	
8	9	10	11	12	13	14	15
18	19	20	21	22	23	24	25
28	29	30	31	32	33	34	35
38	39	40	41	42	43	44	45
48	49	50	51	52	53	54	55
58	59	60	61	62	63	64	65
68	69	70	71	72	73	74	75
78	79	80	81	82	83	84	85
88	89	90	91	92	93	94	95
	91	92	93	94	95	96	97

## SECTION\_A\_DESIGN\_CASE\_NOD3

98	99	100	103	104	105	106	107
108 101	109 102	110 103	104	105	106	107	
111 108	112 109	113 110	114	115	116	117	
118 111	119 112	120 113	121 114	122 115	123 116	124 117	
128 121	129 122	130 123	131 124	132 125	133 126	134 127	
138 131	139 132	140 133	141 134	142 135	143 136	144 137	
148 141	149 142	150 143	151 144	152 145	153 146	154 147	
158 151	159 152	160 153	161 154	162 155	163 156	164 157	
168 161	169 162	170 163	171 164	172 165	173 166	174 167	
178 171	179 172	180 173	181 174	182 175	183 176	184 177	
188 181	189 182	190 183	191 184	192 185	193 186	194 187	
198 191	199 192	200 193	201 194	202 195	203 196	204 197	
208 201	209 202	210 203	211 204	212 205	213 206	214 207	
218 211	219 212	220 213	221 214	222 215	223 216	224 217	
228 221	229 222	230 223	231 224	232 225	233 226	234 227	
238 231	239 232	240 233	241 234	242 235	243 236	244 237	
248 241	249 242	250 243	251 244	252 245	253 246	254 247	
258 251	259 252	260 253	261 254	262 255	263 256	264 257	
268 261	269 262	270 263	271 264	272 265	273 266	274 267	
278 271	279 272	280 273	281 274	282 275	283 276	284 277	
288 281	289 282	290 283	291 284	292 285	293 286	294 287	
298 291	299 292	300 293	301 294	302 295	303 296	304 297	
308 301	309 302	310 303	311 304	312 305	313 306	314 307	
318 311	319 312	320 313	321 314	322 315	323 316	324 317	
328 321	329 322	330 323	331 324	332 325	333 326	334 327	
338 331	339 332	340 333	341 334	342 335	343 336	344 337	
348 341	349 342	350 343	351 344	352 345	353 346	354 347	
358 351	359 352	360 353	361 354	362 355	363 356	364 357	
368 361	369 362	370 363	371 364	372 365	373 366	374 367	
378 371	379 372	380 373	381 374	382 375	383 376	384 377	
388 381	389 382	390 383	391 384	392 385	393 386	394 387	
398 391	399 392	400 393	401 394	402 395	403 396	404 397	
408 401	409 402	410 403	411 404	412 405	413 406	414 407	
418 411	419 412	420 413	414	415	416	417	

SECTION\_A\_DESIGN\_CASE\_NOD3

421	422	423	424	425	426	427
428	429	430	431	432	433	434
438	439	440	441	442	443	444
448	449	450	451	452	453	454
458	459	460	461	462	463	464
468	469	470	471	472	473	474
478	479	480	481	482	483	484
488	489	490	491	492	493	494
498	499	500				

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1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.7	461.7	461.7
	461.8	461.8	461.7	461.7	461.6	461.6	461.5
	461.7	461.7	461.6	461.6	461.5	461.5	461.4
	461.6	461.6	461.5	461.5	461.4	461.4	461.4
	461.5	461.5	461.4	461.4	461.3	461.3	461.2
	461.5	461.4	461.3	461.3	461.2	461.2	461.2
	461.3	461.3	461.3	461.3	461.1	461.1	461.0
	461.3	461.3	461.1	461.1	461.0	461.0	461.0
	461.2	461.1	461.0	461.0	460.9	460.9	460.8
	461.1	461.1	460.9	460.9	460.8	460.8	460.8
	461.0	461.0	460.8	460.8	460.7	460.7	460.7
	460.9	460.9	460.7	460.7	460.6	460.6	460.5
	460.8	460.8	460.6	460.6	460.5	460.5	460.5
	460.8	460.7	460.5	460.5	460.4	460.4	460.3
	460.6	460.6	460.4	460.4	460.3	460.3	460.3
	460.6	460.6	460.4	460.4	460.2	460.2	460.1
	460.5	460.6	460.3	460.3	460.2	460.2	460.1
	460.5	460.4	460.2	460.2	460.1	460.1	460.0
	460.4	460.4	460.2	460.2	460.0	460.0	459.9
	460.3	460.3	460.1	460.1	459.9	459.9	459.8
	460.3	460.3	460.0	460.0	459.8	459.8	459.8
	460.2	460.2	459.9	459.9	459.7	459.7	459.6
	460.1	460.1	459.7	459.7	459.6	459.6	459.6
	460.1	460.0	459.6	459.6	459.5	459.5	459.4
	459.9	459.9	459.5	459.5	459.4	459.4	459.4
	459.9	459.9	459.4	459.4	459.3	459.3	459.3
	459.8	459.7	459.3	459.3	459.3	459.3	459.2
	459.7	459.7	459.2	459.2	459.2	459.2	459.1
	459.6	459.6	459.2	459.2	459.1	459.1	459.1
	459.5	459.5	459.1	459.1	459.0	459.0	459.0
	459.4	459.4	459.0	459.0	459.0	459.0	458.9
	459.4	459.4	459.0	459.0	458.9	458.9	458.9
	459.3	459.3	458.8	458.8	458.9	458.9	458.9
	459.2	459.2	458.8	458.8	458.8	458.7	458.7
	459.2	459.2	458.7	458.7	458.8	458.7	458.7
	459.0	459.0	458.6	458.6	458.6	458.6	458.6
	459.0	459.0	458.5	458.6	458.6	458.6	458.5
	458.9	458.9	458.5	458.5	458.6	458.6	458.5
	458.8	458.8	458.4	458.4	458.4	458.4	458.4
	458.7	458.7	458.3	458.3	458.4	458.4	458.4
	458.6	458.6	458.3	458.3	458.3	458.2	458.2
	458.5	458.6	458.3	458.3	458.2	458.2	458.2
	458.5	458.4	458.1	458.3	458.2	458.2	458.2
	458.3	458.3	458.1	458.3	458.1	458.2	458.2
	458.3	458.3	458.1	458.3	458.1	458.0	458.0
	458.2	458.3	458.1	458.3	458.0	458.0	458.0
	458.1	458.1	458.0	458.3	458.0	458.0	458.0
	458.1	458.1	458.0	458.1	458.0	458.0	458.0
	458.0	458.0	458.0	458.0	458.0	458.0	458.0

SECTION_A_DESIGN_CASE_NOD3							
457.9	457.9	457.9	457.9	457.9	457.8	457.8	
457.8	457.8	457.8	457.8	457.8	457.7	457.7	
457.6	457.7	457.7	457.7	457.7	457.7	457.7	
457.6	457.6	457.6	457.6	457.6	457.5	457.5	
457.5	457.6	457.6	457.5	457.5	457.5	457.5	
457.5	457.4	457.4	457.4	457.4	457.4	457.3	
457.3	457.4	457.4	457.4	457.4	457.3	457.3	
457.3	457.3	457.3	457.2	457.2	457.3	457.3	
457.2	457.2	457.2	457.2	457.2	457.2	457.1	
457.1	457.1	457.1	457.1	457.1	457.2	457.1	
457.1	457.0	457.0	457.0	457.0	457.0	457.0	
456.9	456.9	456.9	456.9	456.9	457.0	457.0	
456.9	456.9	456.9	456.8	456.8	456.8	456.8	
456.8	456.7	456.7	456.7	456.8	456.8	456.8	
456.8	456.7	456.7	456.7	456.6	456.6	456.6	
456.6	456.6	456.6	456.5	456.6	456.6	456.6	
456.5	456.5	456.5	456.5	456.5	456.4	456.4	
456.4	456.4	456.4	456.4	456.5	456.4	456.4	
456.4	456.3	456.3	456.3	456.3	456.3	456.2	
456.2	456.2	456.2	456.2	456.3	456.3	456.2	
456.2	456.2	456.2	456.1	456.1	456.1	456.1	
456.1	456.0	456.0	456.0	456.1	456.1	456.1	
456.0	456.0	456.0	456.0	455.9	455.9	455.9	
455.9	455.9	455.8	455.8	455.9	455.9	455.9	
455.8	455.8	455.8	455.8	455.8	455.7	455.7	
455.7	455.7	455.7	455.7	455.8	455.7	455.7	
455.6	455.6	455.6	455.6	455.6	455.6	455.5	
455.5	455.5	455.5	455.5	455.6	455.6	455.5	
455.5	455.5	455.5	455.4	455.6	455.6	455.5	
455.3	455.3	455.3	455.4	455.4	455.4	455.4	
455.3	455.3	455.3	455.3	455.4	455.4	455.4	
455.2	455.2	455.2	455.3	455.2	455.2	455.2	
455.2	455.1	455.1	455.3	455.2	455.2	455.2	
455.1	455.1	455.1	455.1	455.2	455.2	455.2	
454.9	454.8	454.7	455.0	455.0	455.0	454.9	
454.6	454.5	454.4	454.4	455.0	455.0	454.9	
453.8	453.7	453.6	454.3	454.1	454.0	453.9	
453.4	453.3	453.2	454.3	454.1	454.0	453.9	
452.6	452.5	452.4	453.1	453.0	452.9	452.7	
452.3	452.2	452.0	453.1	453.0	452.9	452.7	
451.5	451.3	451.2	451.9	451.8	451.7	451.6	
451.1	451.0	450.9	451.9	451.8	451.7	451.6	
450.3	450.2	450.1	450.8	450.6	450.5	450.4	
449.9	449.8	449.7	450.8	450.6	450.5	450.4	
449.1	449.0	448.9	449.6	449.5	449.4	449.2	
448.8	448.7	448.5	449.6	449.5	449.4	449.2	
448.0	447.8	447.7	448.4	448.3	448.2	448.1	
447.6	447.5	447.4	448.4	448.3	448.2	448.1	
446.8	446.7	446.6	447.3	447.1	447.0	446.9	
446.4	446.3	446.2	447.3	447.1	447.0	446.9	
445.6	445.5	445.4	446.1	446.0	445.9	445.7	
445.3	445.2	445.0	446.1	446.0	445.9	445.7	
444.5	444.3	444.2	444.9	444.8	444.7	444.6	
444.1	444.0	443.9	444.9	444.8	444.7	444.6	
443.3	443.2	443.1	443.8	443.6	443.5	443.4	

INITIAL HEAD FOR LAYER 57							
READING ON UNIT 10 WITH FORMAT: (10G12.5)							
1	2	3	4	5	6	7	
8	9	10	11	12	13	14	
15	16	17	18	19	20	21	
22	23	24	25	26	27	28	



## SECTION\_A\_DESIGN\_CASE\_NOD3

28		29		30					
38	31	39	32	40	33	34	35	36	37
	41		42		43	44	45	46	47
48		49		50					
	51		52		53	54	55	56	57
58		59		60					
	61		62		63	64	65	66	67
68		69		70					
	71		72		73	74	75	76	77
78		79		80					
	81		82		83	84	85	86	87
88		89		90					
	91		92		93	94	95	96	97
98		99		100					
	101		102		103	104	105	106	107
108		109		110					
	111		112		113	114	115	116	117
118		119		120					
	121		122		123	124	125	126	127
128		129		130					
	131		132		133	134	135	136	137
138		139		140					
	141		142		143	144	145	146	147
148		149		150					
	151		152		153	154	155	156	157
158		159		160					
	161		162		163	164	165	166	167
168		169		170					
	171		172		173	174	175	176	177
178		179		180					
	181		182		183	184	185	186	187
188		189		190					
	191		192		193	194	195	196	197
198		199		200					
	201		202		203	204	205	206	207
208		209		210					
	211		212		213	214	215	216	217
218		219		220					
	221		222		223	224	225	226	227
228		229		230					
	231		232		233	234	235	236	237
238		239		240					
	241		242		243	244	245	246	247
248		249		250					
	251		252		253	254	255	256	257
258		259		260					
	261		262		263	264	265	266	267
268		269		270					
	271		272		273	274	275	276	277
278		279		280					
	281		282		283	284	285	286	287
288		289		290					
	291		292		293	294	295	296	297
298		299		300					
	301		302		303	304	305	306	307
308		309		310					
	311		312		313	314	315	316	317
318		319		320					
	321		322		323	324	325	326	327
328		329		330					
	331		332		333	334	335	336	337
338		339		340					
	341		342		343	344	345	346	347
348		349		350					

## SECTION\_A\_DESIGN\_CASE\_NOD3

351	352	353	354	355	356	357
358	359	360	363	364	365	366
368	369	370	373	374	375	376
378	379	380	383	384	385	386
388	389	390	393	394	395	396
398	399	400	403	404	405	406
408	409	410	413	414	415	416
418	419	420	423	424	425	426
428	429	430	433	434	435	436
438	439	440	443	444	445	446
448	449	450	453	454	455	456
458	459	460	463	464	465	466
468	469	470	473	474	475	476
478	479	480	483	484	485	486
488	489	490	493	494	495	496
498	499	500				

1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8				
	461.8	461.8	461.8	461.8	461.7	461.7	461.7
	461.7	461.7	461.7				
	461.6	461.6	461.6	461.6	461.6	461.5	461.5
	461.5	461.5	461.5				
	461.5	461.4	461.4	461.4	461.4	461.4	461.4
	461.3	461.3	461.3				
	461.3	461.3	461.3	461.2	461.2	461.2	461.2
	461.2	461.1	461.1				
	461.1	461.1	461.1	461.1	461.0	461.0	461.0
	461.0	461.0	461.0				
	460.9	460.9	460.9	460.9	460.9	460.8	460.8
	460.8	460.8	460.8				
	460.8	460.7	460.7	460.7	460.7	460.7	460.7
	460.6	460.6	460.6				
	460.6	460.6	460.5	460.5	460.5	460.5	460.5
	460.5	460.4	460.4				
	460.4	460.4	460.4	460.4	460.3	460.3	460.3
	460.3	460.3	460.2				
	460.2	460.2	460.2	460.2	460.2	460.1	460.1
	460.1	460.1	460.1				
	460.1	460.0	460.0	460.0	460.0	460.0	459.9
	459.9	459.9	459.9				
	459.9	459.9	459.8	459.8	459.8	459.8	459.8
	459.8	459.7	459.7				
	459.7	459.7	459.7	459.6	459.6	459.6	459.6
	459.6	459.6	459.5				
	459.5	459.5	459.5	459.5	459.5	459.4	459.4
	459.4	459.4	459.4				
	459.3	459.3	459.3	459.3	459.3	459.3	459.2
	459.2	459.2	459.2				

SECTION\_A\_DESIGN\_CASE\_NOD3

459.2	459.2	459.1	459.1	459.1	459.1	459.1
459.0	459.0	459.0	459.0	458.9	458.9	458.9
458.9	458.9	458.8	458.8	458.8	458.7	458.7
458.7	458.7	458.7	458.6	458.6	458.6	458.5
458.5	458.5	458.4	458.4	458.4	458.4	458.4
458.3	458.3	458.3	458.3	458.2	458.2	458.2
458.2	458.1	458.1	458.1	458.1	458.0	458.0
458.0	458.0	458.0	457.9	457.9	457.9	457.8
457.8	457.8	457.7	457.7	457.7	457.7	457.7
457.6	457.6	457.6	457.5	457.5	457.5	457.5
457.5	457.4	457.4	457.4	457.4	457.3	457.3
457.3	457.3	457.2	457.2	457.2	457.2	457.1
457.2	457.2	457.2	457.2	457.2	457.1	457.1
457.1	457.1	457.0	457.0	457.0	457.0	457.0
456.9	456.9	456.9	456.8	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.6	456.6	456.6
456.6	456.6	456.5	456.5	456.5	456.5	456.4
456.4	456.4	456.3	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	455.9	455.9	455.9
455.9	455.9	455.8	455.8	455.8	455.8	455.7
455.7	455.7	455.7	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.2	455.2	455.2
455.2	455.1	455.1	455.0	455.0	455.0	454.9
454.9	454.8	454.7	454.4	454.3	454.1	454.0
453.8	453.7	453.6	453.2	453.1	453.0	452.9
452.6	452.5	452.4	452.0	451.9	451.8	451.7
451.5	451.3	451.2	450.9	450.8	450.6	450.5
451.1	451.0	450.9	450.9	450.8	450.6	450.5
450.3	450.2	450.1	449.7	449.6	449.5	449.4
449.9	449.8	449.7	449.7	449.6	449.5	449.4
449.1	449.0	448.9	448.5	448.4	448.3	448.2
448.8	448.7	448.5	448.5	448.4	448.3	448.2
448.0	447.8	447.7	447.4	447.3	447.1	447.0
447.6	447.5	447.4	447.4	447.3	447.1	447.0
446.8	446.7	446.6	446.2	446.1	446.0	445.9
446.4	446.3	446.2	446.2	446.1	446.0	445.9
445.6	445.5	445.4	445.0	444.9	444.8	444.7
445.3	445.2	445.0	445.0	444.9	444.8	444.7

## SECTION\_A\_DESIGN\_CASE\_NOD3

444.5	444.3	444.2	444.0	443.9	443.8	443.6	443.5	443.4
444.1	444.0	443.9	443.8	443.6	443.5	443.4		
443.3	443.2	443.1						

READING ON UNIT	10	INITIAL HEAD FOR LAYER WITH FORMAT: (10G12.5)	58	1	2	3	4	5	6	7
8	11	9	12	10	13	14	15	16	17	
18	21	19	22	20	23	24	25	26	27	
28	31	29	32	30	33	34	35	36	37	
38	41	39	42	40	43	44	45	46	47	
48	51	49	52	50	53	54	55	56	57	
58	61	59	62	60	63	64	65	66	67	
68	71	69	72	70	73	74	75	76	77	
78	81	79	82	80	83	84	85	86	87	
88	91	89	92	90	93	94	95	96	97	
98	101	99	102	100	103	104	105	106	107	
108	111	109	112	110	113	114	115	116	117	
118	121	119	122	120	123	124	125	126	127	
128	131	129	132	130	133	134	135	136	137	
138	141	139	142	140	143	144	145	146	147	
148	151	149	152	150	153	154	155	156	157	
158	161	159	162	160	163	164	165	166	167	
168	171	169	172	170	173	174	175	176	177	
178	181	179	182	180	183	184	185	186	187	
188	191	189	192	190	193	194	195	196	197	
198	201	199	202	200	203	204	205	206	207	
208	211	209	212	210	213	214	215	216	217	
218	221	219	222	220	223	224	225	226	227	
228	231	229	232	230	233	234	235	236	237	
238	241	239	242	240	243	244	245	246	247	
248	251	249	252	250	253	254	255	256	257	
258	261	259	262	260	263	264	265	266	267	
268	271	269	272	270	273	274	275	276	277	
278		279		280						

## SECTION\_A\_DESIGN\_CASE\_NOD3

281	282	283	284	285	286	287
288	289	290	291	292	293	294
298	299	300	301	302	303	304
308	309	310	311	312	313	314
318	319	320	321	322	323	324
328	329	330	331	332	333	334
338	339	340	341	342	343	344
348	349	350	351	352	353	354
358	359	360	361	362	363	364
368	369	370	371	372	373	374
378	379	380	381	382	383	384
388	389	390	391	392	393	394
398	399	400	401	402	403	404
408	409	410	411	412	413	414
418	419	420	421	422	423	424
428	429	430	431	432	433	434
438	439	440	441	442	443	444
448	449	450	451	452	453	454
458	459	460	461	462	463	464
468	469	470	471	472	473	474
478	479	480	481	482	483	484
488	489	490	491	492	493	494
498	499	500				

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1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.7	461.7	461.7
	461.8	461.8	461.7	461.7	461.6	461.5	461.5
	461.7	461.7	461.6	461.6	461.4	461.4	461.4
	461.6	461.6	461.5	461.5	461.4	461.4	461.4
	461.5	461.5	461.4	461.4	461.3	461.3	461.3
	461.5	461.4	461.3	461.3	461.2	461.2	461.2
	461.3	461.3	461.3	461.3	461.2	461.2	461.2
	461.3	461.3	461.1	461.1	461.1	461.0	461.0
	461.2	461.1	461.1	461.1	461.1	461.0	461.0
	461.1	461.1	461.0	461.0	460.9	460.9	460.8
	461.0	461.0	460.9	460.9	460.9	460.9	460.8
	460.9	460.9	460.8	460.8	460.7	460.7	460.7
	460.8	460.8	460.8	460.7	460.7	460.7	460.7
	460.8	460.7	460.7	460.7	460.7	460.7	460.7
	460.6	460.6	460.6	460.6	460.5	460.5	460.5
	460.6	460.6	460.5	460.5	460.5	460.5	460.5
	460.5	460.4	460.4				

## SECTION\_A\_DESIGN\_CASE\_NOD3

460.4	460.4	460.4	460.4	460.3	460.3	460.3
460.3	460.3	460.2	460.2	460.2	460.1	460.1
460.2	460.2	460.1	460.1	460.2	460.1	460.1
460.1	460.1	460.0	460.0	460.0	460.0	459.9
460.1	460.0	460.0	460.0	460.0	460.0	459.9
459.9	459.9	459.9	459.9	459.8	459.8	459.8
459.9	459.9	459.9	459.8	459.8	459.8	459.8
459.8	459.7	459.7	459.7	459.8	459.8	459.8
459.8	459.7	459.7	459.7	459.6	459.6	459.6
459.7	459.7	459.7	459.7	459.6	459.6	459.6
459.6	459.6	459.5	459.5	459.5	459.5	459.4
459.5	459.5	459.5	459.5	459.5	459.5	459.4
459.4	459.4	459.4	459.4	459.5	459.4	459.4
459.4	459.4	459.4	459.4	459.5	459.4	459.4
459.3	459.3	459.3	459.3	459.3	459.3	459.2
459.2	459.2	459.2	459.2	459.3	459.3	459.2
459.2	459.2	459.2	459.2	459.3	459.3	459.2
459.2	459.2	459.2	459.1	459.1	459.1	459.1
459.0	459.0	459.0	459.0	459.1	459.1	459.1
459.0	459.0	459.0	459.0	458.9	458.9	458.9
458.9	458.9	458.8	458.8	458.9	458.9	458.9
458.9	458.9	458.8	458.8	458.9	458.9	458.9
458.8	458.8	458.8	458.8	458.8	458.7	458.7
458.7	458.7	458.7	458.7	458.8	458.7	458.7
458.7	458.7	458.6	458.6	458.7	458.7	458.7
458.6	458.6	458.6	458.6	458.6	458.6	458.5
458.5	458.5	458.5	458.5	458.6	458.6	458.5
458.5	458.5	458.4	458.4	458.6	458.6	458.5
458.3	458.3	458.4	458.4	458.4	458.4	458.4
458.3	458.3	458.3	458.3	458.4	458.4	458.4
458.3	458.3	458.3	458.3	458.4	458.4	458.4
458.2	458.2	458.3	458.3	458.2	458.2	458.2
458.2	458.1	458.1	458.1	458.2	458.2	458.2
458.1	458.1	458.1	458.1	458.1	458.0	458.0
458.0	458.0	458.0	458.0	458.1	458.0	458.0
458.0	458.0	458.0	458.0	458.1	458.0	458.0
457.9	457.9	457.9	457.9	457.9	457.9	457.8
457.8	457.8	457.8	457.8	457.9	457.9	457.8
457.8	457.8	457.7	457.7	457.9	457.9	457.8
457.6	457.6	457.7	457.7	457.7	457.7	457.7
457.6	457.6	457.6	457.6	457.7	457.7	457.7
457.5	457.4	457.5	457.5	457.6	457.6	457.5
457.5	457.4	457.6	457.5	457.5	457.5	457.5
457.4	457.4	457.4	457.4	457.5	457.5	457.5
457.4	457.4	457.4	457.4	457.4	457.3	457.3
457.3	457.3	457.2	457.2	457.4	457.3	457.3
457.2	457.2	457.2	457.2	457.4	457.3	457.3
457.1	457.1	457.2	457.2	457.2	457.2	457.1
457.1	457.1	457.1	457.1	457.2	457.2	457.1
457.1	457.0	457.0	457.0	457.2	457.1	457.1
456.9	456.9	456.9	456.9	457.0	457.0	457.0
456.9	456.9	456.9	456.9	457.0	457.0	457.0
456.8	456.8	456.8	456.8	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.8	456.8	456.8
456.7	456.7	456.7	456.7	456.8	456.8	456.8
456.6	456.6	456.5	456.5	456.6	456.6	456.6
456.6	456.6	456.5	456.5	456.6	456.6	456.6
456.5	456.5	456.5	456.5	456.5	456.5	456.4
456.4	456.4	456.4	456.4	456.5	456.4	456.4
456.4	456.4	456.3	456.3	456.5	456.4	456.4
456.2	456.2	456.2	456.2	456.3	456.3	456.2
456.2	456.2	456.2	456.2	456.3	456.3	456.2
456.1	456.1	456.1	456.1	456.2	456.2	456.1
456.1	456.0	456.0	456.0	456.1	456.1	456.1
456.0	456.0	456.0	456.0	456.1	456.1	456.1
455.9	455.9	455.9	455.9	456.0	456.0	455.9
455.9	455.9	455.8	455.8	455.9	455.9	455.9
455.8	455.8	455.8	455.8	455.9	455.9	455.9
455.7	455.7	455.7	455.7	455.8	455.7	455.7
455.7	455.7	455.7	455.7	455.8	455.7	455.7
455.6	455.6	455.6	455.6	455.8	455.7	455.7
455.5	455.5	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.5	455.6	455.6	455.5
455.5	455.5	455.5	455.4	455.6	455.6	455.5
455.3	455.3	455.3	455.3	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.4	455.4	455.4
455.2	455.2	455.2	455.2	455.3	455.3	455.2
455.2	455.1	455.1	455.1	455.2	455.2	455.2
455.1	455.1	455.1	455.0	455.2	455.2	455.2
454.9	454.8	454.7	454.7	455.0	455.0	454.9
454.9	454.8	454.7	454.7	455.0	455.0	454.9
454.6	454.5	454.4	454.4	455.0	455.0	454.9
453.8	453.7	453.6	453.6	454.3	454.1	453.9
453.8	453.7	453.6	453.6	454.3	454.1	453.9
453.4	453.3	453.2	453.2	454.1	454.0	453.9
453.4	453.3	453.2	453.2	453.1	452.9	452.7

## SECTION\_A\_DESIGN\_CASE\_NOD3

452.6	452.5	452.4	452.0	451.9	451.8	451.7	451.6
451.5	451.3	451.2	450.9	450.8	450.6	450.5	450.4
450.3	450.2	450.1	449.7	449.6	449.5	449.4	449.2
449.1	449.0	448.9	448.5	448.4	448.3	448.2	448.1
448.0	447.8	447.7	447.4	447.3	447.1	447.0	446.9
446.8	446.7	446.6	446.2	446.1	446.0	445.9	445.7
445.6	445.5	445.4	445.0	444.9	444.8	444.7	444.6
444.5	444.3	444.2	443.9	443.8	443.6	443.5	443.4
443.3	443.2	443.1					

READING ON UNIT	INITIAL HEAD FOR LAYER 59 10 WITH FORMAT: (10G12.5)						
1	2	3	4	5	6	7	
8	9	10	11	12	13	14	
18	19	20	21	22	23	24	
28	29	30	31	32	33	34	
38	39	40	41	42	43	44	
48	49	50	51	52	53	54	
58	59	60	61	62	63	64	
68	69	70	71	72	73	74	
78	79	80	81	82	83	84	
88	89	90	91	92	93	94	
98	99	100	101	102	103	104	
108	109	110	111	112	113	114	
118	119	120	121	122	123	124	
128	129	130	131	132	133	134	
138	139	140	141	142	143	144	
148	149	150	151	152	153	154	
158	159	160	161	162	163	164	
168	169	170	171	172	173	174	
178	179	180	181	182	183	184	
188	189	190	191	192	193	194	
198	199	200	201	202	203	204	
208	209	210					

## SECTION\_A\_DESIGN\_CASE\_NOD3

211	212	213	214	215	216	217
218	219	220	221	222	223	224
228	229	230	231	232	233	234
238	239	240	241	242	243	244
248	249	250	251	252	253	254
258	259	260	261	262	263	264
268	269	270	271	272	273	274
278	279	280	281	282	283	284
288	289	290	291	292	293	294
298	299	300	301	302	303	304
308	309	310	311	312	313	314
318	319	320	321	322	323	324
328	329	330	331	332	333	334
338	339	340	341	342	343	344
348	349	350	351	352	353	354
358	359	360	361	362	363	364
368	369	370	371	372	373	374
378	379	380	381	382	383	384
388	389	390	391	392	393	394
398	399	400	401	402	403	404
408	409	410	411	412	413	414
418	419	420	421	422	423	424
428	429	430	431	432	433	434
438	439	440	441	442	443	444
448	449	450	451	452	453	454
458	459	460	461	462	463	464
468	469	470	471	472	473	474
478	479	480	481	482	483	484
488	489	490	491	492	493	494
498	499	500				

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1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.7	461.7	461.7
	461.8	461.8	461.8	461.8	461.7	461.7	461.7
	461.7	461.7	461.7				



SECTION\_A\_DESIGN\_CASE\_NOD3

461.6	461.6	461.6	461.6	461.6	461.5	461.5
461.5	461.5	461.5	461.5	461.5	461.4	461.4
461.5	461.4	461.4	461.4	461.4	461.4	461.4
461.3	461.3	461.3	461.3	461.2	461.2	461.2
461.3	461.3	461.3	461.3	461.2	461.2	461.2
461.2	461.1	461.1	461.1	461.1	461.0	461.0
461.1	461.1	461.1	461.1	461.1	461.0	461.0
461.0	461.0	461.0	461.0	461.0	461.0	461.0
460.9	460.9	460.9	460.9	460.9	460.9	460.8
460.8	460.8	460.8	460.8	460.9	460.9	460.8
460.8	460.7	460.7	460.7	460.7	460.7	460.7
460.6	460.6	460.6	460.6	460.7	460.7	460.7
460.6	460.6	460.6	460.5	460.5	460.5	460.5
460.5	460.4	460.4	460.4	460.5	460.5	460.5
460.4	460.4	460.4	460.4	460.4	460.3	460.3
460.3	460.3	460.2	460.2	460.4	460.3	460.3
460.2	460.2	460.2	460.2	460.2	460.2	460.1
460.1	460.1	460.1	460.1	460.2	460.2	460.1
460.1	460.0	460.0	460.0	460.2	460.2	460.1
459.9	459.9	459.9	459.9	460.0	460.0	459.9
459.9	459.9	459.9	459.9	460.0	460.0	459.9
459.9	459.9	459.9	459.8	459.8	459.8	459.8
459.8	459.7	459.7	459.7	459.8	459.8	459.8
459.8	459.7	459.7	459.7	459.6	459.6	459.6
459.6	459.6	459.5	459.5	459.6	459.6	459.6
459.5	459.5	459.5	459.5	459.5	459.5	459.4
459.4	459.4	459.4	459.4	459.5	459.5	459.4
459.3	459.3	459.3	459.3	459.4	459.4	459.4
459.2	459.2	459.2	459.2	459.3	459.3	459.2
459.2	459.2	459.2	459.1	459.3	459.3	459.2
459.0	459.0	459.0	459.1	459.1	459.1	459.1
459.0	459.0	459.0	459.0	459.1	459.1	459.1
458.9	458.9	458.9	458.9	458.9	458.9	458.9
458.9	458.9	458.8	458.8	458.9	458.9	458.9
458.8	458.8	458.8	458.8	458.7	458.7	458.7
458.7	458.7	458.7	458.7	458.8	458.7	458.7
458.6	458.6	458.6	458.6	458.7	458.7	458.7
458.5	458.5	458.5	458.5	458.6	458.6	458.5
458.5	458.4	458.4	458.4	458.6	458.6	458.5
458.3	458.3	458.3	458.3	458.4	458.4	458.4
458.3	458.3	458.3	458.3	458.4	458.4	458.4
458.2	458.1	458.1	458.1	458.2	458.2	458.2
458.1	458.1	458.1	458.1	458.2	458.2	458.2
458.0	458.0	458.0	458.1	458.1	458.0	458.0
457.9	457.9	457.9	457.9	458.0	458.0	458.0
457.8	457.8	457.8	457.8	457.9	457.9	457.8
457.8	457.7	457.7	457.7	457.9	457.9	457.8
457.6	457.6	457.6	457.6	457.7	457.7	457.7
457.6	457.6	457.6	457.5	457.7	457.7	457.7
457.5	457.4	457.4	457.4	457.5	457.5	457.5
457.4	457.4	457.4	457.4	457.5	457.5	457.5
457.3	457.3	457.2	457.2	457.4	457.3	457.3
457.2	457.2	457.2	457.2	457.3	457.3	457.3
457.1	457.1	457.1	457.2	457.2	457.2	457.1
457.1	457.1	457.1	457.1	457.2	457.2	457.1
456.9	456.9	456.9	457.0	457.1	457.1	457.1
456.9	456.9	456.9	457.0	457.0	457.0	457.0
456.8	456.8	456.8	456.8	457.0	457.0	457.0
456.8	456.7	456.7	456.7	456.9	456.8	456.8
456.7	456.7	456.7	456.7	456.8	456.8	456.8
456.6	456.6	456.5	456.5	456.7	456.6	456.6
456.5	456.5	456.5	456.5	456.6	456.6	456.6
456.4	456.4	456.4	456.5	456.5	456.5	456.4
456.4	456.3	456.3	456.3	456.5	456.5	456.4
456.2	456.2	456.2	456.3	456.4	456.3	456.2
456.2	456.2	456.2	456.2	456.3	456.3	456.2
456.1	456.1	456.1	456.1	456.2	456.3	456.2
456.1	456.0	456.0	456.1	456.2	456.3	456.2
456.0	456.0	456.0	456.0	456.1	456.1	456.1
456.0	456.0	456.0	456.0	456.1	456.1	456.1
455.9	455.9	455.9	455.9	455.9	455.9	455.9

SECTION_A_DESIGN_CASE_NOD3							
455.9	455.9	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.8	455.7	455.7	455.7	455.8	455.7	455.7
455.6	455.6	455.6	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.5	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.3	455.2	455.2	455.2
455.2	455.1	455.1	455.1	455.0	455.0	455.0	454.9
454.9	454.8	454.7	454.7	454.4	454.3	454.1	453.9
453.8	454.6	454.5	454.4	454.3	454.1	454.0	453.9
453.7	453.7	453.6	453.6	453.1	453.0	452.9	452.7
453.4	453.3	453.3	453.2	453.1	453.0	452.9	452.7
452.6	452.5	452.4	452.4	451.9	451.8	451.7	451.6
452.3	452.2	452.2	452.0	451.9	451.8	451.7	451.6
451.5	451.3	451.2	451.2	450.9	450.8	450.6	450.4
451.1	451.0	451.0	450.9	450.8	450.6	450.5	450.4
450.3	450.2	450.1	450.1	449.7	449.6	449.5	449.2
449.9	449.8	449.7	449.7	449.6	449.5	449.4	449.2
449.1	449.0	448.9	448.9	448.4	448.3	448.2	448.1
448.8	448.7	448.5	448.5	448.4	448.3	448.2	448.1
448.0	447.8	447.7	447.7	447.3	447.1	447.0	446.9
447.6	447.5	447.4	447.4	447.3	447.1	447.0	446.9
446.8	446.7	446.6	446.6	446.1	446.0	445.9	445.7
446.4	446.3	446.2	446.2	446.1	446.0	445.9	445.7
445.6	445.5	445.4	445.4	444.9	444.8	444.7	444.6
445.3	445.2	445.0	445.0	444.9	444.8	444.7	444.6
444.5	444.3	444.2	444.2	443.8	443.6	443.5	443.4
444.1	444.0	443.9	443.9	443.8	443.6	443.5	443.4
443.3	443.2	443.1	443.1				

READING ON UNIT	INITIAL HEAD FOR LAYER 60						
	10 WITH FORMAT: (10G12.5)						
	1	2	3	4	5	6	7
8		9	10				
	11	12	13	14	15	16	17
18		19	20				
	21	22	23	24	25	26	27
28		29	30				
	31	32	33	34	35	36	37
38		39	40				
	41	42	43	44	45	46	47
48		49	50				
	51	52	53	54	55	56	57
58		59	60				
	61	62	63	64	65	66	67
68		69	70				
	71	72	73	74	75	76	77
78		79	80				
	81	82	83	84	85	86	87
88		89	90				
	91	92	93	94	95	96	97
98		99	100				
	101	102	103	104	105	106	107
108		109	110				
	111	112	113	114	115	116	117
118		119	120				
	121	122	123	124	125	126	127
128		129	130				
	131	132	133	134	135	136	137
138		139	140				

## SECTION\_A\_DESIGN\_CASE\_NOD3

141	142	143	144	145	146	147
148 149	150	151	152	153	154	155
158 159	160	161	162	163	164	165
168 169	170	171	172	173	174	175
178 179	180	181	182	183	184	185
188 189	190	191	192	193	194	195
198 199	200	201	202	203	204	205
208 209	210	211	212	213	214	215
218 219	220	221	222	223	224	225
228 229	230	231	232	233	234	235
238 239	240	241	242	243	244	245
248 249	250	251	252	253	254	255
258 259	260	261	262	263	264	265
268 269	270	271	272	273	274	275
278 279	280	281	282	283	284	285
288 289	290	291	292	293	294	295
298 299	300	301	302	303	304	305
308 309	310	311	312	313	314	315
318 319	320	321	322	323	324	325
328 329	330	331	332	333	334	335
338 339	340	341	342	343	344	345
348 349	350	351	352	353	354	355
358 359	360	361	362	363	364	365
368 369	370	371	372	373	374	375
378 379	380	381	382	383	384	385
388 389	390	391	392	393	394	395
398 399	400	401	402	403	404	405
408 409	410	411	412	413	414	415
418 419	420	421	422	423	424	425
428 429	430	431	432	433	434	435
438 439	440	441	442	443	444	445
448 449	450	451	452	453	454	455
458 459	460	461	462	463	464	465
					466	467

SECTION\_A\_DESIGN\_CASE\_NOD3

468	469	470	471	472	473	474	475	476	477
478	479	480	481	482	483	484	485	486	487
488	489	490	491	492	493	494	495	496	497
498	499	500							

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1	462.0	462.0	462.0	461.9	461.9	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.8	461.7	461.7	461.7	461.7
	461.7	461.7	461.7	461.6	461.6	461.6	461.5	461.5	461.5
	461.5	461.5	461.5	461.4	461.4	461.4	461.4	461.4	461.4
	461.3	461.3	461.3	461.3	461.3	461.2	461.2	461.2	461.2
	461.2	461.1	461.1	461.1	461.1	461.0	461.0	461.0	461.0
	461.0	461.0	461.0	460.9	460.9	460.9	460.8	460.8	460.8
	460.8	460.8	460.8	460.7	460.7	460.7	460.7	460.7	460.7
	460.6	460.6	460.6	460.6	460.5	460.5	460.5	460.5	460.5
	460.5	460.4	460.4	460.4	460.4	460.3	460.3	460.3	460.3
	460.3	460.3	460.2	460.2	460.2	460.2	460.1	460.1	460.1
	460.1	460.1	460.1	460.0	460.0	460.0	460.0	460.0	459.9
	459.9	459.9	459.9	459.8	459.8	459.8	459.8	459.8	459.8
	459.8	459.7	459.7	459.7	459.6	459.6	459.6	459.6	459.6
	459.6	459.6	459.5	459.5	459.5	459.5	459.4	459.4	459.4
	459.4	459.4	459.4	459.3	459.3	459.3	459.3	459.2	459.2
	459.2	459.2	459.2	459.2	459.1	459.1	459.1	459.1	459.1
	459.0	459.0	459.0	459.0	458.9	458.9	458.9	458.9	458.9
	458.9	458.9	458.8	458.8	458.8	458.7	458.7	458.7	458.7
	458.7	458.7	458.7	458.6	458.6	458.6	458.6	458.5	458.5
	458.5	458.5	458.5	458.4	458.4	458.4	458.4	458.4	458.4
	458.3	458.3	458.3	458.3	458.2	458.2	458.2	458.2	458.2
	458.2	458.1	458.1	458.1	458.1	458.0	458.0	458.0	458.0
	458.0	458.0	458.0	457.9	457.9	457.9	457.8	457.8	457.8
	457.8	457.8	457.8	457.7	457.7	457.7	457.7	457.7	457.7
	457.6	457.6	457.6	457.5	457.5	457.5	457.5	457.5	457.5
	457.5	457.4	457.4	457.4	457.4	457.3	457.3	457.3	457.3
	457.3	457.3	457.2	457.2	457.2	457.2	457.1	457.1	457.1
	457.2	457.2	457.2	457.2	457.2	457.2	457.1	457.1	457.1

SECTION\_A\_DESIGN\_CASE\_NOD3

457.1	457.1	457.1	457.1	457.0	457.0	457.0	457.0	457.0
456.9	456.9	456.9	456.9	456.8	456.8	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.7	456.6	456.6	456.6	456.6
456.6	456.6	456.6	456.5	456.5	456.5	456.5	456.4	456.4
456.4	456.4	456.4	456.4	456.3	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.2	456.1	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	456.0	455.9	455.9	455.9	455.9
455.9	455.9	455.8	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.7	455.7	455.7	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.5	455.4	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
455.2	455.1	455.1	455.1	455.0	455.0	455.0	455.0	454.9
454.9	454.8	454.5	454.7	454.4	454.3	454.1	454.0	453.9
453.8	453.7	453.7	453.6	453.2	453.1	453.0	452.9	452.7
452.6	452.5	452.5	452.4	452.0	451.9	451.8	451.7	451.6
451.5	451.3	451.3	451.2	450.9	450.8	450.6	450.5	450.4
450.3	450.2	450.2	450.1	449.7	449.6	449.5	449.4	449.2
449.1	449.0	449.0	448.9	448.5	448.4	448.3	448.2	448.1
448.0	447.8	447.8	447.7	447.4	447.3	447.1	447.0	446.9
446.8	446.6	446.6	446.6	446.2	446.1	446.0	445.9	445.7
445.6	445.5	445.5	445.4	445.0	444.9	444.8	444.7	444.6
444.5	444.3	444.3	444.2	443.9	443.8	443.6	443.5	443.4
443.3	443.1	443.1	443.1					

READING ON UNIT	INITIAL HEAD FOR LAYER 61 WITH FORMAT: (10G12.5)							
1	2	3	4	5	6	7		
8	9	10	11	12	13	14	15	16
18	19	20	21	22	23	24	25	26
28	29	30	31	32	33	34	35	36
38	39	40	41	42	43	44	45	46
48	49	50	51	52	53	54	55	56
58	59	60	61	62	63	64	65	66
68	69	70						

## SECTION\_A\_DESIGN\_CASE\_NOD3

	71	72	73	74	75	76	77
78	81	82	80	83	84	85	86
88	91	92	90	93	94	95	96
98	101	102	100	103	104	105	106
108	111	112	110	113	114	115	116
118	121	122	120	123	124	125	126
128	131	132	130	133	134	135	136
138	141	142	140	143	144	145	146
148	151	152	150	153	154	155	156
158	161	162	160	163	164	165	166
168	171	172	170	173	174	175	176
178	181	182	180	183	184	185	186
188	191	192	190	193	194	195	196
198	201	202	200	203	204	205	206
208	211	212	210	213	214	215	216
218	221	222	220	223	224	225	226
228	231	232	230	233	234	235	236
238	241	242	240	243	244	245	246
248	251	252	250	253	254	255	256
258	261	262	260	263	264	265	266
268	271	272	270	273	274	275	276
278	281	282	280	283	284	285	286
288	291	292	290	293	294	295	296
298	301	302	300	303	304	305	306
308	311	312	310	313	314	315	316
318	321	322	320	323	324	325	326
328	331	332	330	333	334	335	336
338	341	342	340	343	344	345	346
348	351	352	350	353	354	355	356
358	361	362	360	363	364	365	366
368	371	372	370	373	374	375	376
378	381	382	380	383	384	385	386
388	391	392	390	393	394	395	396

## SECTION\_A\_DESIGN\_CASE\_NOD3

398	399	400	403	404	405	406	407
408	409	410	413	414	415	416	417
418	419	420	423	424	425	426	427
428	429	430	433	434	435	436	437
438	439	440	443	444	445	446	447
448	449	450	453	454	455	456	457
458	459	460	463	464	465	466	467
468	469	470	473	474	475	476	477
478	479	480	483	484	485	486	487
488	489	490	493	494	495	496	497
498	499	500					

1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8				
	461.8	461.8	461.8	461.8	461.7	461.7	461.7
	461.7	461.7	461.7				
	461.6	461.6	461.6	461.6	461.6	461.5	461.5
	461.5	461.5	461.5				
	461.5	461.4	461.4	461.4	461.4	461.4	461.4
	461.3	461.3	461.3				
	461.3	461.3	461.3	461.2	461.2	461.2	461.2
	461.2	461.1	461.1				
	461.1	461.1	461.1	461.1	461.0	461.0	461.0
	461.0	461.0	461.0				
	460.9	460.9	460.9	460.9	460.9	460.8	460.8
	460.8	460.8	460.8				
	460.8	460.7	460.7	460.7	460.7	460.7	460.7
	460.6	460.6	460.6				
	460.6	460.6	460.5	460.5	460.5	460.5	460.5
	460.5	460.4	460.4				
	460.4	460.4	460.4	460.4	460.3	460.3	460.3
	460.3	460.3	460.2				
	460.2	460.2	460.2	460.2	460.2	460.1	460.1
	460.1	460.1	460.1				
	460.1	460.0	460.0	460.0	460.0	460.0	459.9
	459.9	459.9	459.9				
	459.9	459.9	459.8	459.8	459.8	459.8	459.8
	459.8	459.7	459.7				
	459.7	459.7	459.7	459.6	459.6	459.6	459.6
	459.6	459.6	459.5				
	459.5	459.5	459.5	459.5	459.5	459.4	459.4
	459.4	459.4	459.4				
	459.3	459.3	459.3	459.3	459.3	459.3	459.2
	459.2	459.2	459.2				
	459.2	459.2	459.1	459.1	459.1	459.1	459.1
	459.0	459.0	459.0				
	459.0	459.0	459.0	458.9	458.9	458.9	458.9
	458.9	458.9	458.8				
	458.8	458.8	458.8	458.8	458.7	458.7	458.7
	458.7	458.7	458.7				
	458.6	458.6	458.6	458.6	458.6	458.6	458.5
	458.5	458.5	458.5				
	458.5	458.4	458.4	458.4	458.4	458.4	458.4

SECTION\_A\_DESIGN\_CASE\_NOD3

458.3	458.3	458.3	458.3	458.2	458.2	458.2	458.2
458.2	458.1	458.1	458.1	458.1	458.0	458.0	458.0
458.0	458.0	458.0	458.0	457.9	457.9	457.8	457.8
457.8	457.8	457.7	457.8	457.7	457.7	457.7	457.7
457.6	457.6	457.6	457.6	457.5	457.5	457.5	457.5
457.5	457.4	457.4	457.4	457.4	457.3	457.3	457.3
457.3	457.3	457.3	457.2	457.2	457.2	457.1	457.1
457.1	457.1	457.1	457.1	457.0	457.0	457.0	457.0
456.9	456.9	456.9	456.9	456.8	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.7	456.6	456.6	456.6
456.6	456.6	456.6	456.5	456.5	456.5	456.4	456.4
456.4	456.5	456.5	456.4	456.4	456.5	456.4	456.4
456.2	456.4	456.3	456.3	456.3	456.3	456.3	456.2
456.1	456.2	456.2	456.2	456.1	456.1	456.1	456.1
455.9	456.0	456.0	456.0	455.9	455.9	455.9	455.9
455.7	455.8	455.8	455.8	455.8	455.8	455.7	455.7
455.5	455.6	455.6	455.6	455.6	455.6	455.6	455.5
455.3	455.5	455.5	455.5	455.4	455.4	455.4	455.4
455.2	455.3	455.3	455.3	455.3	455.2	455.2	455.2
454.9	455.1	455.1	455.1	455.0	455.0	455.0	454.9
453.8	454.6	454.5	454.7	454.4	454.3	454.1	453.9
452.6	453.7	453.3	453.6	453.2	453.1	453.0	452.9
451.5	452.3	452.2	452.4	452.0	451.9	451.8	451.7
450.3	451.1	451.0	451.2	450.9	450.8	450.6	450.5
449.1	449.9	449.8	450.1	449.7	449.6	449.5	449.4
448.0	448.8	448.7	448.9	448.5	448.4	448.3	448.2
446.8	447.6	447.5	447.7	447.4	447.3	447.1	447.0
445.6	446.4	446.3	446.6	446.2	446.1	446.0	445.9
444.5	445.3	445.2	445.4	445.0	444.9	444.8	444.7
443.3	444.1	444.0	444.2	443.9	443.8	443.6	443.5
	443.2	443.1	443.1				443.4

INITIAL HEAD FOR LAYER 62  
 READING ON UNIT 10 WITH FORMAT: (10G12.5)



SECTION\_A\_DESIGN\_CASE\_NOD3

	1	2	3	4	5	6	7
8	11	12	13	14	15	16	17
18	21	22	23	24	25	26	27
28	31	32	33	34	35	36	37
38	41	42	43	44	45	46	47
48	51	52	53	54	55	56	57
58	61	62	63	64	65	66	67
68	71	72	73	74	75	76	77
78	81	82	83	84	85	86	87
88	91	92	93	94	95	96	97
98	101	102	103	104	105	106	107
108	111	112	113	114	115	116	117
118	121	122	123	124	125	126	127
128	131	132	133	134	135	136	137
138	141	142	143	144	145	146	147
148	151	152	153	154	155	156	157
158	161	162	163	164	165	166	167
168	171	172	173	174	175	176	177
178	181	182	183	184	185	186	187
188	191	192	193	194	195	196	197
198	201	202	203	204	205	206	207
208	211	212	213	214	215	216	217
218	221	222	223	224	225	226	227
228	231	232	233	234	235	236	237
238	241	242	243	244	245	246	247
248	251	252	253	254	255	256	257
258	261	262	263	264	265	266	267
268	271	272	273	274	275	276	277
278	281	282	283	284	285	286	287
288	291	292	293	294	295	296	297
298	301	302	303	304	305	306	307
308	311	312	313	314	315	316	317
318	321	322	323	324	325	326	327

## SECTION\_A\_DESIGN\_CASE\_NOD3

328		329	330					
	331		332	333	334	335	336	337
338		339		340				
	341		342	343	344	345	346	347
348		349		350				
	351		352	353	354	355	356	357
358		359		360				
	361		362	363	364	365	366	367
368		369		370				
	371		372	373	374	375	376	377
378		379		380				
	381		382	383	384	385	386	387
388		389		390				
	391		392	393	394	395	396	397
398		399		400				
	401		402	403	404	405	406	407
408		409		410				
	411		412	413	414	415	416	417
418		419		420				
	421		422	423	424	425	426	427
428		429		430				
	431		432	433	434	435	436	437
438		439		440				
	441		442	443	444	445	446	447
448		449		450				
	451		452	453	454	455	456	457
458		459		460				
	461		462	463	464	465	466	467
468		469		470				
	471		472	473	474	475	476	477
478		479		480				
	481		482	483	484	485	486	487
488		489		490				
	491		492	493	494	495	496	497
498		499		500				

1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8				
	461.8	461.8	461.8	461.8	461.7	461.7	461.7
461.7		461.7	461.7				
	461.6	461.6	461.6	461.6	461.6	461.5	461.5
461.5		461.5	461.5				
	461.5	461.4	461.4	461.4	461.4	461.4	461.4
461.3		461.3	461.3				
	461.3	461.3	461.3	461.2	461.2	461.2	461.2
461.2		461.1	461.1				
	461.1	461.1	461.1	461.1	461.0	461.0	461.0
461.0		461.0	461.0				
	460.9	460.9	460.9	460.9	460.9	460.8	460.8
460.8		460.8	460.8				
	460.8	460.7	460.7	460.7	460.7	460.7	460.7
460.6		460.6	460.6				
	460.6	460.6	460.5	460.5	460.5	460.5	460.5
460.5		460.4	460.4				
	460.4	460.4	460.4	460.4	460.3	460.3	460.3
460.3		460.3	460.2				
	460.2	460.2	460.2	460.2	460.2	460.1	460.1
460.1		460.1	460.1				
	460.1	460.0	460.0	460.0	460.0	460.0	459.9
459.9		459.9	459.9				
	459.9	459.9	459.8	459.8	459.8	459.8	459.8
459.8		459.7	459.7				
	459.7	459.7	459.7	459.6	459.6	459.6	459.6

## SECTION\_A\_DESIGN\_CASE\_NOD3

459.6	459.6	459.5	459.5	459.5	459.5	459.4	459.4
459.4	459.5	459.4	459.5	459.4	459.5	459.3	459.2
459.3	459.3	459.3	459.3	459.3	459.3	459.3	459.1
459.2	459.2	459.2	459.2	459.1	459.1	459.1	459.1
459.0	459.0	459.0	459.0	459.0	458.9	458.9	458.9
458.9	458.9	458.9	458.8	458.8	458.8	458.7	458.7
458.7	458.7	458.7	458.7	458.6	458.6	458.6	458.5
458.5	458.6	458.6	458.6	458.5	458.6	458.6	458.4
458.5	458.5	458.4	458.4	458.4	458.4	458.4	458.4
458.3	458.3	458.3	458.3	458.3	458.2	458.2	458.2
458.3	458.3	458.3	458.3	458.2	458.2	458.2	458.2
458.2	458.1	458.1	458.1	458.1	458.0	458.0	458.0
458.1	458.1	458.1	458.1	458.1	458.0	458.0	458.0
458.0	458.0	458.0	458.0	457.9	457.9	457.8	457.8
457.9	457.9	457.9	457.9	457.9	457.9	457.8	457.8
457.8	457.8	457.7	457.8	457.7	457.7	457.7	457.7
457.8	457.7	457.7	457.7	457.7	457.7	457.7	457.7
457.6	457.6	457.6	457.6	457.6	457.6	457.6	457.6
457.6	457.6	457.6	457.5	457.5	457.5	457.5	457.5
457.5	457.4	457.4	457.4	457.4	457.3	457.3	457.3
457.4	457.4	457.4	457.4	457.4	457.3	457.3	457.3
457.3	457.3	457.2	457.2	457.2	457.2	457.1	457.1
457.2	457.2	457.2	457.2	457.2	457.2	457.1	457.1
457.1	457.1	457.1	457.1	457.1	457.0	457.0	457.0
457.1	457.0	457.0	457.0	457.0	457.0	457.0	457.0
456.9	456.9	456.9	456.9	456.8	456.8	456.8	456.8
456.9	456.9	456.9	456.8	456.8	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.7	456.6	456.6	456.6
456.7	456.7	456.7	456.7	456.6	456.6	456.6	456.6
456.6	456.6	456.5	456.5	456.5	456.5	456.4	456.4
456.5	456.5	456.5	456.5	456.5	456.5	456.4	456.4
456.4	456.4	456.4	456.4	456.3	456.3	456.3	456.2
456.4	456.3	456.3	456.3	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.2	456.2	456.1	456.1	456.1
456.2	456.2	456.2	456.1	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	456.0	455.9	455.9	455.9
456.0	456.0	456.0	456.0	455.9	455.9	455.9	455.9
455.9	455.9	455.8	455.8	455.8	455.8	455.7	455.7
455.8	455.8	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.7	455.7	455.7	455.6	455.6	455.6	455.5
455.6	455.6	455.6	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.5	455.4	455.4	455.4	455.4
455.5	455.5	455.5	455.4	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.3	455.2	455.2	455.2
455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
455.2	455.1	455.1	455.1	455.0	455.0	455.0	454.9
455.1	455.1	455.1	455.0	455.0	455.0	455.0	454.9
454.9	454.8	454.7	454.7	454.7	454.7	454.7	454.7
454.6	454.5	454.5	454.4	454.4	454.3	454.1	454.0
453.8	453.7	453.6	453.6	453.6	453.1	453.0	452.9
453.4	453.3	453.3	453.2	453.2	453.1	453.0	452.9
452.6	452.5	452.4	452.4	452.4	451.9	451.8	451.7
452.3	452.2	452.2	452.0	452.0	451.9	451.8	451.6
451.5	451.3	451.2	451.2	451.2	450.9	450.6	450.4
451.1	451.0	450.9	450.9	450.9	450.8	450.6	450.4
450.3	450.2	450.1	450.1	450.1	449.7	449.5	449.2
449.9	449.8	449.7	449.7	449.6	449.6	449.5	449.2
449.1	449.0	448.9	448.9	448.9	448.9	448.9	448.9
448.8	448.7	448.7	448.5	448.5	448.4	448.3	448.1
448.0	447.8	447.7	447.7	447.7	447.7	447.7	447.7

SECTION_A_DESIGN_CASE_NOD3							
447.6	447.5	447.4	447.3	447.1	447.0	446.9	
446.8	446.7	446.6	446.2	446.1	446.0	445.9	445.7
446.4	446.3	445.4	445.0	444.9	444.8	444.7	444.6
445.6	445.5	444.2	443.9	443.8	443.6	443.5	443.4
445.3	444.3	444.0	443.1				
444.5	444.1						
443.3	443.2						

READING ON UNIT		INITIAL HEAD FOR LAYER 63 WITH FORMAT: (10G12.5)						
1	2	3	4	5	6	7		
8	9	10	11	12	13	14	15	
18	19	20	21	22	23	24	25	
28	29	30	31	32	33	34	35	
38	39	40	41	42	43	44	45	
48	49	50	51	52	53	54	55	
58	59	60	61	62	63	64	65	
68	69	70	71	72	73	74	75	
78	79	80	81	82	83	84	85	
88	89	90	91	92	93	94	95	
98	99	100	101	102	103	104	105	
108	109	110	111	112	113	114	115	
118	119	120	121	122	123	124	125	
128	129	130	131	132	133	134	135	
138	139	140	141	142	143	144	145	
148	149	150	151	152	153	154	155	
158	159	160	161	162	163	164	165	
168	169	170	171	172	173	174	175	
178	179	180	181	182	183	184	185	
188	189	190	191	192	193	194	195	
198	199	200	201	202	203	204	205	
208	209	210	211	212	213	214	215	
218	219	220	221	222	223	224	225	
228	229	230	231	232	233	234	235	
238	239	240	241	242	243	244	245	
248	249	250	251	252	253	254	255	
							256	
							257	

## SECTION\_A\_DESIGN\_CASE\_NOD3

258	259	260	261	262	263	264	265	266	267
268	269	270	271	272	273	274	275	276	277
278	279	280	281	282	283	284	285	286	287
288	289	290	291	292	293	294	295	296	297
298	299	300	301	302	303	304	305	306	307
308	309	310	311	312	313	314	315	316	317
318	319	320	321	322	323	324	325	326	327
328	329	330	331	332	333	334	335	336	337
338	339	340	341	342	343	344	345	346	347
348	349	350	351	352	353	354	355	356	357
358	359	360	361	362	363	364	365	366	367
368	369	370	371	372	373	374	375	376	377
378	379	380	381	382	383	384	385	386	387
388	389	390	391	392	393	394	395	396	397
398	399	400	401	402	403	404	405	406	407
408	409	410	411	412	413	414	415	416	417
418	419	420	421	422	423	424	425	426	427
428	429	430	431	432	433	434	435	436	437
438	439	440	441	442	443	444	445	446	447
448	449	450	451	452	453	454	455	456	457
458	459	460	461	462	463	464	465	466	467
468	469	470	471	472	473	474	475	476	477
478	479	480	481	482	483	484	485	486	487
488	489	490	491	492	493	494	495	496	497
498	499	500							

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1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.7	461.7	461.7
	461.8	461.8	461.7	461.6	461.6	461.5	461.5
	461.7	461.7	461.6	461.5	461.4	461.4	461.4
	461.6	461.6	461.5	461.4	461.3	461.2	461.2
	461.5	461.5	461.4	461.3	461.2	461.0	461.0
	461.5	461.4	461.3	461.1	461.0	460.9	460.8
	461.3	461.3	461.3	461.1	461.0	460.9	460.8
	461.3	461.3	461.3	461.1	461.0	460.9	460.8
	461.2	461.1	461.1	461.1	461.0	460.9	460.8
	461.1	461.1	461.0	460.9	460.9	460.8	460.8
	461.0	461.0	460.9	460.9	460.9	460.8	460.8
	460.9	460.9	460.9	460.9	460.9	460.8	460.8



SECTION_A_DESIGN_CASE_NOD3							
455.1	455.1	455.0	455.0	455.0	455.0	454.9	
454.9	454.8	454.7	454.4	454.3	454.1	453.9	
453.8	453.7	453.6	453.2	453.1	453.0	452.7	
452.6	452.5	452.4	452.0	451.9	451.8	451.6	
451.5	451.3	451.2	450.9	450.8	450.6	450.4	
450.3	450.2	450.1	449.7	449.6	449.5	449.2	
449.1	449.0	448.9	448.5	448.4	448.3	448.1	
448.0	447.8	447.7	447.4	447.3	447.1	446.9	
446.8	446.7	446.6	446.2	446.1	446.0	445.7	
445.6	445.5	445.4	445.0	444.9	444.8	444.6	
444.5	444.3	444.2	443.9	443.8	443.6	443.4	
443.3	443.2	443.1					

INITIAL HEAD FOR LAYER 64							
READING ON UNIT	10 WITH FORMAT: (10G12.5)						
1	2	3	4	5	6	7	
8	9	10	11	12	13	14	
18	19	20	21	22	23	24	
28	29	30	31	32	33	34	
38	39	40	41	42	43	44	
48	49	50	51	52	53	54	
58	59	60	61	62	63	64	
68	69	70	71	72	73	74	
78	79	80	81	82	83	84	
88	89	90	91	92	93	94	
98	99	100	101	102	103	104	
108	109	110	111	112	113	114	
118	119	120	121	122	123	124	
128	129	130	131	132	133	134	
138	139	140	141	142	143	144	
148	149	150	151	152	153	154	
158	159	160	161	162	163	164	
168	169	170	171	172	173	174	
178	179	180	181	182	183	184	
						185	
						186	
						187	

## SECTION\_A\_DESIGN\_CASE\_NOD3

188	189	190	191	192	193	194	195	196	197
198	199	200	201	202	203	204	205	206	207
208	209	210	211	212	213	214	215	216	217
218	219	220	221	222	223	224	225	226	227
228	229	230	231	232	233	234	235	236	237
238	239	240	241	242	243	244	245	246	247
248	249	250	251	252	253	254	255	256	257
258	259	260	261	262	263	264	265	266	267
268	269	270	271	272	273	274	275	276	277
278	279	280	281	282	283	284	285	286	287
288	289	290	291	292	293	294	295	296	297
298	299	300	301	302	303	304	305	306	307
308	309	310	311	312	313	314	315	316	317
318	319	320	321	322	323	324	325	326	327
328	329	330	331	332	333	334	335	336	337
338	339	340	341	342	343	344	345	346	347
348	349	350	351	352	353	354	355	356	357
358	359	360	361	362	363	364	365	366	367
368	369	370	371	372	373	374	375	376	377
378	379	380	381	382	383	384	385	386	387
388	389	390	391	392	393	394	395	396	397
398	399	400	401	402	403	404	405	406	407
408	409	410	411	412	413	414	415	416	417
418	419	420	421	422	423	424	425	426	427
428	429	430	431	432	433	434	435	436	437
438	439	440	441	442	443	444	445	446	447
448	449	450	451	452	453	454	455	456	457
458	459	460	461	462	463	464	465	466	467
468	469	470	471	472	473	474	475	476	477
478	479	480	481	482	483	484	485	486	487
488	489	490	491	492	493	494	495	496	497
498	499	500							



## SECTION\_A\_DESIGN\_CASE\_NOD3

1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8				
	461.8	461.8	461.8	461.8	461.7	461.7	461.7
	461.7	461.7	461.7				
	461.6	461.6	461.6	461.6	461.6	461.5	461.5
	461.5	461.5	461.5				
	461.5	461.4	461.4	461.4	461.4	461.4	461.4
	461.3	461.3	461.3				
	461.3	461.3	461.3	461.2	461.2	461.2	461.2
	461.2	461.1	461.1				
	461.1	461.1	461.1	461.1	461.0	461.0	461.0
	461.0	461.0	461.0				
	460.9	460.9	460.9	460.9	460.9	460.8	460.8
	460.8	460.8	460.8				
	460.8	460.7	460.7	460.7	460.7	460.7	460.7
	460.6	460.6	460.6				
	460.6	460.6	460.5	460.5	460.5	460.5	460.5
	460.5	460.4	460.4				
	460.4	460.4	460.4	460.4	460.3	460.3	460.3
	460.3	460.3	460.2				
	460.2	460.2	460.2	460.2	460.2	460.1	460.1
	460.1	460.1	460.1				
	460.1	460.0	460.0	460.0	460.0	460.0	459.9
	459.9	459.9	459.9				
	459.9	459.9	459.8	459.8	459.8	459.8	459.8
	459.8	459.7	459.7				
	459.7	459.7	459.7	459.6	459.6	459.6	459.6
	459.6	459.6	459.5				
	459.5	459.5	459.5	459.5	459.5	459.4	459.4
	459.4	459.4	459.4				
	459.3	459.3	459.3	459.3	459.3	459.3	459.2
	459.2	459.2	459.2				
	459.2	459.2	459.1	459.1	459.1	459.1	459.1
	459.0	459.0	459.0				
	459.0	459.0	459.0	458.9	458.9	458.9	458.9
	458.9	458.9	458.8				
	458.8	458.8	458.8	458.8	458.7	458.7	458.7
	458.7	458.7	458.7				
	458.6	458.6	458.6	458.6	458.6	458.6	458.5
	458.5	458.5	458.5				
	458.5	458.4	458.4	458.4	458.4	458.4	458.4
	458.3	458.3	458.3				
	458.3	458.3	458.3	458.2	458.2	458.2	458.2
	458.2	458.1	458.1				
	458.1	458.1	458.1	458.1	458.0	458.0	458.0
	458.0	458.0	458.0				
	457.9	457.9	457.9	457.9	457.9	457.8	457.8
	457.8	457.8	457.8				
	457.8	457.7	457.7	457.7	457.7	457.7	457.7
	457.6	457.6	457.6				
	457.6	457.6	457.5	457.5	457.5	457.5	457.5
	457.5	457.4	457.4				
	457.4	457.4	457.4	457.4	457.3	457.3	457.3
	457.3	457.3	457.2				
	457.2	457.2	457.2	457.2	457.2	457.1	457.1
	457.1	457.1	457.1				
	457.1	457.0	457.0	457.0	457.0	457.0	457.0
	456.9	456.9	456.9				
	456.9	456.9	456.8	456.8	456.8	456.8	456.8
	456.8	456.7	456.7				
	456.7	456.7	456.7	456.6	456.6	456.6	456.6
	456.6	456.6	456.5				
	456.5	456.5	456.5	456.5	456.5	456.4	456.4
	456.4	456.4	456.4				

SECTION_A_DESIGN_CASE_NOD3							
456.4	456.3	456.3	456.3	456.3	456.3	456.2	
456.2	456.2	456.2	456.2	456.1	456.1	456.1	
456.1	456.0	456.0	456.0	455.9	455.9	455.9	
455.9	455.9	455.8	455.8	455.8	455.8	455.7	
455.7	455.7	455.7	455.7	455.6	455.6	455.5	
455.5	455.5	455.5	455.5	455.4	455.4	455.4	
455.3	455.3	455.3	455.3	455.2	455.2	455.2	
455.2	455.1	455.1	455.1	455.0	455.0	454.9	
454.9	454.8	454.7	454.7	454.3	454.1	453.9	
453.8	453.7	453.6	453.6	453.1	453.0	452.7	
452.6	452.5	452.4	452.4	451.9	451.8	451.6	
451.5	451.3	451.2	451.2	450.8	450.6	450.4	
450.3	450.2	450.1	450.1	449.6	449.5	449.2	
449.1	449.0	448.9	448.9	448.4	448.3	448.1	
448.0	447.8	447.7	447.7	447.3	447.1	446.9	
446.8	446.7	446.6	446.6	446.1	446.0	445.7	
445.6	445.5	445.4	445.4	444.9	444.8	444.6	
444.5	444.3	444.2	444.2	443.8	443.6	443.4	
443.3	443.2	443.1	443.1				

READING ON UNIT	INITIAL HEAD FOR LAYER 65 WITH FORMAT: (10G12.5)						
8	1	2	3	4	5	6	7
18	11	12	13	14	15	16	17
28	21	22	23	24	25	26	27
38	31	32	33	34	35	36	37
48	41	42	43	44	45	46	47
58	51	52	53	54	55	56	57
68	61	62	63	64	65	66	67
78	71	72	73	74	75	76	77
88	81	82	83	84	85	86	87
98	91	92	93	94	95	96	97
108	101	102	103	104	105	106	107
	111	112	113	114	115	116	117

## SECTION\_A\_DESIGN\_CASE\_NOD3

118		119	120					
	121	122	123	124	125	126	127	
128		129	130					
	131	132	133	134	135	136	137	
138		139	140					
	141	142	143	144	145	146	147	
148		149	150					
	151	152	153	154	155	156	157	
158		159	160					
	161	162	163	164	165	166	167	
168		169	170					
	171	172	173	174	175	176	177	
178		179	180					
	181	182	183	184	185	186	187	
188		189	190					
	191	192	193	194	195	196	197	
198		199	200					
	201	202	203	204	205	206	207	
208		209	210					
	211	212	213	214	215	216	217	
218		219	220					
	221	222	223	224	225	226	227	
228		229	230					
	231	232	233	234	235	236	237	
238		239	240					
	241	242	243	244	245	246	247	
248		249	250					
	251	252	253	254	255	256	257	
258		259	260					
	261	262	263	264	265	266	267	
268		269	270					
	271	272	273	274	275	276	277	
278		279	280					
	281	282	283	284	285	286	287	
288		289	290					
	291	292	293	294	295	296	297	
298		299	300					
	301	302	303	304	305	306	307	
308		309	310					
	311	312	313	314	315	316	317	
318		319	320					
	321	322	323	324	325	326	327	
328		329	330					
	331	332	333	334	335	336	337	
338		339	340					
	341	342	343	344	345	346	347	
348		349	350					
	351	352	353	354	355	356	357	
358		359	360					
	361	362	363	364	365	366	367	
368		369	370					
	371	372	373	374	375	376	377	
378		379	380					
	381	382	383	384	385	386	387	
388		389	390					
	391	392	393	394	395	396	397	
398		399	400					
	401	402	403	404	405	406	407	
408		409	410					
	411	412	413	414	415	416	417	
418		419	420					
	421	422	423	424	425	426	427	
428		429	430					
	431	432	433	434	435	436	437	
438		439	440					

## SECTION\_A\_DESIGN\_CASE\_NOD3

441	442	443	444	445	446	447
448	449	450	451	452	453	454
458	459	460	461	462	463	464
468	469	470	471	472	473	474
478	479	480	481	482	483	484
488	489	490	491	492	493	494
498	499	500				

1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.7	461.7	461.7
	461.8	461.8	461.8	461.8	461.7	461.7	461.7
	461.7	461.7	461.7	461.7	461.6	461.6	461.6
	461.6	461.6	461.6	461.6	461.6	461.6	461.6
	461.5	461.5	461.5	461.5	461.5	461.5	461.5
	461.5	461.4	461.4	461.4	461.4	461.4	461.4
	461.3	461.3	461.3	461.3	461.4	461.4	461.4
	461.3	461.3	461.3	461.3	461.2	461.2	461.2
	461.2	461.1	461.1	461.1	461.2	461.2	461.2
	461.1	461.1	461.1	461.1	461.1	461.1	461.1
	461.0	461.0	461.0	461.0	461.0	461.0	461.0
	460.9	460.9	460.9	460.9	460.9	460.9	460.9
	460.8	460.8	460.8	460.8	460.9	460.9	460.8
	460.8	460.7	460.7	460.7	460.7	460.7	460.7
	460.6	460.6	460.6	460.6	460.7	460.7	460.7
	460.6	460.6	460.6	460.5	460.5	460.5	460.5
	460.5	460.4	460.4	460.4	460.5	460.5	460.5
	460.4	460.4	460.4	460.4	460.3	460.3	460.3
	460.3	460.3	460.2	460.2	460.3	460.3	460.3
	460.2	460.2	460.2	460.2	460.2	460.2	460.2
	460.1	460.1	460.1	460.1	460.2	460.2	460.1
	460.1	460.0	460.0	460.0	460.1	460.1	460.1
	459.9	459.9	459.9	460.0	460.0	460.0	459.9
	459.9	459.9	459.9	459.8	459.8	459.8	459.8
	459.8	459.7	459.7	459.7	459.8	459.8	459.8
	459.7	459.7	459.7	459.7	459.6	459.6	459.6
	459.6	459.6	459.5	459.5	459.6	459.6	459.6
	459.5	459.5	459.5	459.5	459.6	459.6	459.6
	459.4	459.4	459.4	459.5	459.5	459.5	459.4
	459.3	459.3	459.3	459.4	459.4	459.4	459.4
	459.2	459.3	459.3	459.3	459.3	459.3	459.2
	459.2	459.2	459.2	459.2	459.3	459.3	459.3
	459.2	459.2	459.2	459.1	459.3	459.3	459.2
	459.0	459.0	459.0	459.1	459.1	459.1	459.1
	459.0	459.0	459.0	459.0	459.1	459.1	459.1
	458.9	458.9	458.8	458.9	458.9	458.9	458.9
	458.8	458.8	458.8	458.8	458.9	458.9	458.9
	458.7	458.7	458.7	458.8	458.7	458.7	458.7
	458.6	458.6	458.6	458.7	458.7	458.7	458.7
	458.5	458.6	458.6	458.6	458.6	458.6	458.6
	458.5	458.5	458.5	458.6	458.6	458.6	458.5
	458.5	458.4	458.4	458.4	458.6	458.6	458.6
	458.3	458.3	458.3	458.4	458.4	458.4	458.4
	458.3	458.3	458.3	458.3	458.4	458.4	458.4
	458.2	458.3	458.3	458.3	458.2	458.2	458.2
	458.2	458.1	458.1	458.3	458.2	458.2	458.2
	458.1	458.1	458.1	458.1	458.2	458.2	458.2
	458.0	458.0	458.0	458.1	458.0	458.0	458.0
	457.9	457.9	457.9	458.1	458.0	458.0	458.0
	457.8	457.9	457.9	457.9	457.9	457.8	457.8
	457.8	457.8	457.8	457.9	457.9	457.8	457.8
	457.8	457.7	457.7	457.7	457.7	457.7	457.7
	457.6	457.6	457.6	457.7	457.7	457.7	457.7

SECTION\_A\_DESIGN\_CASE\_NOD3

457.6	457.6	457.5	457.5	457.5	457.5	457.5
457.5	457.4	457.4	457.4	457.4	457.3	457.3
457.4	457.4	457.4	457.4	457.4	457.3	457.3
457.3	457.3	457.2	457.2	457.2	457.1	457.1
457.2	457.2	457.2	457.2	457.2	457.1	457.1
457.1	457.1	457.1	457.1	457.0	457.0	457.0
457.1	457.0	457.0	457.0	457.0	457.0	457.0
456.9	456.9	456.9	456.9	456.8	456.8	456.8
456.9	456.9	456.9	456.8	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.6	456.6	456.6
456.7	456.7	456.7	456.7	456.6	456.6	456.6
456.6	456.6	456.5	456.5	456.5	456.4	456.4
456.5	456.5	456.5	456.5	456.5	456.5	456.4
456.4	456.4	456.4	456.4	456.5	456.5	456.4
456.4	456.3	456.3	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.2	456.3	456.3	456.2
456.2	456.2	456.2	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	456.1	456.1	456.1
456.0	456.0	456.0	456.0	455.9	455.9	455.9
455.9	455.9	455.8	455.8	455.9	455.9	455.9
455.8	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.7	455.7	455.7	455.8	455.8	455.7
455.6	455.6	455.6	455.6	455.8	455.7	455.7
455.5	455.5	455.5	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.5	455.6	455.6	455.5
455.5	455.5	455.4	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.2	455.2	455.2
455.2	455.1	455.1	455.1	455.2	455.2	455.2
455.1	455.1	455.0	455.0	455.2	455.2	455.2
454.9	454.8	454.7	454.7	455.0	455.0	454.9
454.6	454.5	454.4	454.4	455.0	455.0	454.9
453.8	453.7	453.6	453.6	454.3	454.1	453.9
453.4	453.3	453.2	453.2	454.3	454.1	453.9
452.6	452.5	452.4	452.4	454.3	454.1	453.9
452.3	452.2	452.0	452.0	454.3	454.1	453.9
451.5	451.3	451.2	451.2	453.1	453.0	452.7
451.1	451.0	450.9	450.9	453.1	453.0	452.7
450.3	450.2	450.1	450.1	453.1	453.0	452.7
449.9	449.8	449.7	449.7	451.9	451.8	451.6
449.1	449.0	448.9	448.9	451.9	451.8	451.6
448.8	448.7	448.5	448.5	451.8	451.7	451.6
448.0	447.8	447.7	447.7	451.8	451.7	451.6
447.6	447.5	447.4	447.4	451.8	451.7	451.6
446.8	446.7	446.6	446.6	451.8	451.7	451.6
446.4	446.3	446.2	446.2	451.8	451.7	451.6
445.6	445.5	445.4	445.4	451.8	451.7	451.6
445.3	445.2	445.0	445.0	451.8	451.7	451.6
444.5	444.3	444.2	444.2	451.8	451.7	451.6
444.1	444.0	443.9	443.9	451.8	451.7	451.6
443.3	443.2	443.1	443.1	443.8	443.6	443.4

READING ON UNIT		INITIAL HEAD FOR LAYER 66 10 WITH FORMAT: (10G12.5)					
1	2	3	4	5	6	7	
8	9	10	11	12	13	14	
18	19	20	21	22	23	24	
28	29	30	31	32	33	34	
38	39	40	41	42	43	44	
41	42	43	44	45	46	47	

## SECTION\_A\_DESIGN\_CASE\_NOD3

48		49		50					
	51		52		53		54		55
58		59		60					56
	61		62		63		64		65
68		69		70					66
	71		72		73		74		75
78		79		80					76
	81		82		83		84		85
88		89		90					86
	91		92		93		94		95
98		99		100					96
	101		102		103		104		105
108		109		110					106
	111		112		113		114		115
118		119		120					116
	121		122		123		124		125
128		129		130					126
	131		132		133		134		135
138		139		140					136
	141		142		143		144		145
148		149		150					146
	151		152		153		154		155
158		159		160					156
	161		162		163		164		165
168		169		170					166
	171		172		173		174		175
178		179		180					176
	181		182		183		184		185
188		189		190					186
	191		192		193		194		195
198		199		200					196
	201		202		203		204		205
208		209		210					206
	211		212		213		214		215
218		219		220					216
	221		222		223		224		225
228		229		230					226
	231		232		233		234		235
238		239		240					236
	241		242		243		244		245
248		249		250					246
	251		252		253		254		255
258		259		260					256
	261		262		263		264		265
268		269		270					266
	271		272		273		274		275
278		279		280					276
	281		282		283		284		285
288		289		290					286
	291		292		293		294		295
298		299		300					296
	301		302		303		304		305
308		309		310					306
	311		312		313		314		315
318		319		320					316
	321		322		323		324		325
328		329		330					326
	331		332		333		334		335
338		339		340					336
	341		342		343		344		345
348		349		350					346
	351		352		353		354		355
358		359		360					356
	361		362		363		364		365
368		369		370					366

## SECTION\_A\_DESIGN\_CASE\_NOD3

371	372	373	374	375	376	377
378	379	380	381	382	383	384
388	389	390	391	392	393	394
398	399	400	401	402	403	404
408	409	410	411	412	413	414
418	419	420	421	422	423	424
428	429	430	431	432	433	434
438	439	440	441	442	443	444
448	449	450	451	452	453	454
458	459	460	461	462	463	464
468	469	470	471	472	473	474
478	479	480	481	482	483	484
488	489	490	491	492	493	494
498	499	500				

1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.7	461.7	461.7
	461.8	461.8	461.7	461.7	461.6	461.5	461.5
	461.7	461.7	461.6	461.6	461.5	461.4	461.4
	461.6	461.6	461.5	461.5	461.4	461.4	461.4
	461.5	461.5	461.4	461.4	461.3	461.2	461.2
	461.5	461.4	461.3	461.3	461.2	461.2	461.2
	461.3	461.3	461.3	461.2	461.2	461.0	461.0
	461.2	461.1	461.1	461.1	461.0	461.0	461.0
	461.1	461.1	461.0	461.0	460.9	460.8	460.8
	461.0	460.9	460.9	460.9	460.9	460.7	460.7
	460.9	460.8	460.8	460.8	460.7	460.7	460.7
	460.8	460.7	460.7	460.7	460.6	460.5	460.5
	460.8	460.6	460.6	460.6	460.5	460.5	460.5
	460.6	460.6	460.5	460.5	460.4	460.3	460.3
	460.6	460.6	460.4	460.4	460.4	460.3	460.3
	460.5	460.4	460.4	460.4	460.3	460.2	460.1
	460.4	460.3	460.2	460.2	460.2	460.1	460.1
	460.3	460.2	460.2	460.2	460.1	460.0	459.9
	460.2	460.1	460.1	460.0	460.0	460.0	459.9
	460.1	460.1	460.0	460.0	459.9	459.8	459.8
	460.1	460.0	459.9	459.9	459.8	459.8	459.8
	459.9	459.9	459.8	459.8	459.7	459.6	459.6
	459.9	459.7	459.7	459.7	459.6	459.6	459.6
	459.8	459.7	459.7	459.6	459.6	459.4	459.4
	459.7	459.7	459.5	459.5	459.5	459.4	459.4
	459.6	459.6	459.5	459.5	459.5	459.3	459.2
	459.5	459.5	459.4	459.4	459.3	459.3	459.2
	459.4	459.4	459.3	459.3	459.3	459.1	459.1
	459.4	459.3	459.3	459.3	459.1	459.1	459.1
	459.3	459.2	459.2	459.1	459.1	458.9	458.9
	459.2	459.2	459.1	459.1	458.9	458.9	458.9
	459.2	459.2	459.0	459.0	458.9	458.9	458.9
	459.0	459.0	459.0	458.9	458.9	458.9	458.9
	459.0	459.0	458.8				

## SECTION\_A\_DESIGN\_CASE\_NOD3

458.8	458.8	458.8	458.8	458.7	458.7	458.7
458.7	458.7	458.7	458.7	458.6	458.6	458.5
458.6	458.6	458.6	458.6	458.6	458.6	458.4
458.5	458.5	458.5	458.5	458.4	458.4	458.4
458.5	458.4	458.4	458.4	458.4	458.4	458.4
458.3	458.3	458.3	458.3	458.2	458.2	458.2
458.3	458.3	458.3	458.3	458.2	458.2	458.2
458.2	458.1	458.1	458.1	458.1	458.0	458.0
458.1	458.1	458.1	458.1	458.1	458.0	458.0
458.0	458.0	458.0	458.0	457.9	457.9	457.8
457.9	457.9	457.9	457.9	457.9	457.9	457.8
457.8	457.8	457.8	457.8	457.9	457.9	457.8
457.8	457.7	457.7	457.7	457.7	457.7	457.7
457.6	457.6	457.6	457.6	457.7	457.7	457.7
457.6	457.6	457.6	457.5	457.5	457.5	457.5
457.5	457.4	457.4	457.4	457.5	457.5	457.5
457.4	457.4	457.4	457.4	457.4	457.3	457.3
457.3	457.3	457.3	457.2	457.4	457.3	457.3
457.2	457.2	457.2	457.2	457.2	457.3	457.3
457.1	457.1	457.1	457.2	457.2	457.2	457.1
457.1	457.1	457.1	457.1	457.2	457.2	457.1
457.1	457.0	457.0	457.0	457.0	457.0	457.0
456.9	456.9	456.9	456.9	457.0	457.0	457.0
456.9	456.9	456.9	456.8	457.0	457.0	457.0
456.8	456.7	456.7	456.7	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.8	456.8	456.8
456.7	456.7	456.7	456.7	456.6	456.6	456.6
456.6	456.6	456.6	456.5	456.6	456.6	456.6
456.5	456.5	456.5	456.5	456.5	456.5	456.4
456.4	456.4	456.4	456.4	456.5	456.5	456.4
456.4	456.4	456.4	456.4	456.5	456.5	456.4
456.4	456.3	456.3	456.3	456.3	456.3	456.3
456.2	456.2	456.2	456.2	456.3	456.3	456.3
456.2	456.2	456.2	456.1	456.3	456.3	456.2
456.1	456.0	456.0	456.0	456.1	456.1	456.1
456.0	456.0	456.0	456.0	456.1	456.1	456.1
455.9	455.9	455.8	455.9	455.9	455.9	455.9
455.8	455.8	455.8	455.8	455.9	455.9	455.9
455.7	455.7	455.7	455.8	455.8	455.8	455.7
455.6	455.6	455.6	455.7	455.7	455.7	455.7
455.6	455.6	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.5	455.6	455.6	455.6
455.5	455.5	455.5	455.4	455.6	455.6	455.5
455.3	455.3	455.3	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.4	455.4	455.4
455.2	455.2	455.2	455.3	455.2	455.2	455.2
455.2	455.1	455.1	455.3	455.2	455.2	455.2
455.1	455.1	455.1	455.1	455.2	455.2	455.2
455.1	455.1	455.1	455.0	455.2	455.2	455.2
454.9	454.8	454.7	455.0	455.0	455.0	454.9
454.6	454.5	454.4	454.7	455.0	455.0	454.9
453.8	453.7	453.6	454.4	454.3	454.1	454.0
453.4	453.3	453.2	454.4	454.3	454.1	454.0
452.6	452.5	452.4	453.2	454.3	454.1	454.0
452.3	452.2	452.0	453.1	454.1	454.0	453.9
451.5	451.3	451.2	453.1	453.0	452.9	452.7
451.1	451.0	450.9	453.1	453.0	452.9	452.7
450.3	450.2	450.1	453.0	453.0	452.9	452.7
449.9	449.8	449.7	452.9	452.9	452.9	452.7
449.1	449.0	448.9	452.8	452.8	452.8	452.7
448.8	448.7	448.5	452.7	452.7	452.7	452.7
448.0	447.8	447.7	452.6	452.6	452.6	452.7
447.6	447.5	447.4	452.5	452.5	452.5	452.7
446.8	446.7	446.6	452.4	452.4	452.4	452.7
446.4	446.3	446.2	452.3	452.3	452.3	452.7
445.6	445.5	445.4	452.2	452.2	452.2	452.7
445.3	445.2	445.0	452.1	452.1	452.1	452.7
444.5	444.3	444.2	452.0	452.0	452.0	452.7
444.1	444.0	443.9	451.9	451.9	451.9	452.7
443.3	443.2	443.1	451.8	451.8	451.8	452.7



## SECTION\_A\_DESIGN\_CASE\_NOD3

READING ON UNIT	INITIAL HEAD FOR LAYER 67 WITH FORMAT: (10G12.5)						
10	1	2	3	4	5	6	7
8	11	12	13	14	15	16	17
18	21	22	23	24	25	26	27
28	31	32	33	34	35	36	37
38	41	42	43	44	45	46	47
48	51	52	53	54	55	56	57
58	61	62	63	64	65	66	67
68	71	72	73	74	75	76	77
78	81	82	83	84	85	86	87
88	91	92	93	94	95	96	97
98	101	102	103	104	105	106	107
108	111	112	113	114	115	116	117
118	121	122	123	124	125	126	127
128	131	132	133	134	135	136	137
138	141	142	143	144	145	146	147
148	151	152	153	154	155	156	157
158	161	162	163	164	165	166	167
168	171	172	173	174	175	176	177
178	181	182	183	184	185	186	187
188	191	192	193	194	195	196	197
198	201	202	203	204	205	206	207
208	211	212	213	214	215	216	217
218	221	222	223	224	225	226	227
228	231	232	233	234	235	236	237
238	241	242	243	244	245	246	247
248	251	252	253	254	255	256	257
258	261	262	263	264	265	266	267
268	271	272	273	274	275	276	277
278	281	282	283	284	285	286	287
288	291	292	293	294	295	296	297
298		300					

## SECTION\_A\_DESIGN\_CASE\_NOD3

	301	302	303	304	305	306	307
308	309	310	311	312	313	314	315
318	319	320	321	322	323	324	325
328	329	330	331	332	333	334	335
338	339	340	341	342	343	344	345
348	349	350	351	352	353	354	355
358	359	360	361	362	363	364	365
368	369	370	371	372	373	374	375
378	379	380	381	382	383	384	385
388	389	390	391	392	393	394	395
398	399	400	401	402	403	404	405
408	409	410	411	412	413	414	415
418	419	420	421	422	423	424	425
428	429	430	431	432	433	434	435
438	439	440	441	442	443	444	445
448	449	450	451	452	453	454	455
458	459	460	461	462	463	464	465
468	469	470	471	472	473	474	475
478	479	480	481	482	483	484	485
488	489	490	491	492	493	494	495
498	499	500					

1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.7	461.7	461.7
	461.8	461.8	461.7	461.7	461.6	461.5	461.5
	461.7	461.7	461.6	461.6	461.6	461.4	461.4
	461.6	461.6	461.5	461.5	461.4	461.4	461.4
	461.5	461.5	461.4	461.4	461.4	461.4	461.4
	461.5	461.4	461.3	461.3	461.2	461.2	461.2
	461.3	461.3	461.3	461.3	461.2	461.2	461.2
	461.3	461.3	461.1	461.1	461.2	461.2	461.2
	461.2	461.1	461.1	461.1	461.1	461.0	461.0
	461.1	461.1	461.0	461.0	461.0	461.0	461.0
	461.0	461.0	460.9	460.9	460.9	460.8	460.8
	460.9	460.9	460.8	460.8	460.9	460.9	460.8
	460.8	460.8	460.7	460.7	460.7	460.7	460.7
	460.8	460.7	460.6	460.6	460.7	460.7	460.7
	460.6	460.6	460.6	460.6	460.5	460.5	460.5
	460.6	460.6	460.5	460.5	460.5	460.5	460.5
	460.5	460.4	460.4	460.4	460.4	460.3	460.3
	460.5	460.4	460.4	460.4	460.4	460.3	460.3
	460.4	460.4	460.2	460.2	460.4	460.3	460.3
	460.3	460.3	460.2	460.2	460.2	460.2	460.1
	460.2	460.2	460.2	460.2	460.2	460.2	460.1
	460.1	460.1	460.1	460.1	460.2	460.1	460.1

SECTION\_A\_DESIGN\_CASE\_NOD3

460.1	460.0	460.0	460.0	460.0	460.0	460.0	459.9
459.9	459.9	459.9	459.9	459.8	459.8	459.8	459.8
459.8	459.7	459.7	459.7	459.7	459.6	459.6	459.6
459.6	459.6	459.5	459.5	459.5	459.5	459.5	459.4
459.4	459.4	459.4	459.4	459.3	459.3	459.3	459.2
459.2	459.2	459.2	459.2	459.1	459.1	459.1	459.1
459.0	459.0	459.0	459.0	459.0	458.9	458.9	458.9
458.9	458.9	458.8	458.8	458.8	458.8	458.7	458.7
458.7	458.7	458.7	458.7	458.6	458.6	458.6	458.5
458.5	458.5	458.5	458.5	458.4	458.4	458.4	458.4
458.3	458.3	458.3	458.3	458.4	458.4	458.4	458.4
458.3	458.3	458.3	458.3	458.3	458.2	458.2	458.2
458.2	458.1	458.1	458.1	458.1	458.1	458.0	458.0
458.0	458.0	458.1	458.1	458.1	458.0	458.0	458.0
457.9	457.9	457.9	457.9	457.9	457.9	457.8	457.8
457.8	457.8	457.8	457.8	457.7	457.7	457.7	457.7
457.6	457.6	457.7	457.7	457.7	457.7	457.7	457.7
457.5	457.4	457.6	457.6	457.6	457.6	457.5	457.5
457.5	457.4	457.6	457.6	457.5	457.5	457.5	457.5
457.3	457.3	457.4	457.4	457.4	457.4	457.3	457.3
457.3	457.3	457.3	457.3	457.4	457.4	457.3	457.3
457.2	457.2	457.2	457.2	457.2	457.2	457.1	457.1
457.1	457.1	457.1	457.1	457.2	457.2	457.1	457.1
457.1	457.0	457.0	457.0	457.0	457.0	457.0	457.0
456.9	456.9	456.9	456.9	456.9	456.8	456.8	456.8
456.8	456.9	456.9	456.8	456.8	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.7	456.6	456.6	456.6
456.6	456.7	456.7	456.7	456.6	456.6	456.6	456.6
456.6	456.6	456.5	456.5	456.5	456.5	456.5	456.4
456.4	456.4	456.5	456.5	456.4	456.4	456.4	456.4
456.4	456.4	456.3	456.3	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.2	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.1	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	456.1	456.1	456.1	456.1
456.0	456.0	456.0	456.0	455.9	455.9	455.9	455.9
455.9	455.9	455.8	455.8	455.8	455.8	455.7	455.7
455.8	455.8	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.7	455.7	455.7	455.6	455.6	455.6	455.5
455.6	455.6	455.6	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.5	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.4	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
455.2	455.1	455.1	455.1	455.2	455.2	455.2	455.2
455.1	455.1	455.1	455.0	455.0	455.0	455.0	454.9
454.9	454.8	454.7	454.7	455.0	455.0	455.0	454.9
454.6	454.5	454.4	454.4	454.3	454.1	454.0	453.9
453.8	453.7	453.6	453.6	454.3	454.1	454.0	453.9
453.4	453.3	453.2	453.2	453.1	453.0	452.9	452.7
452.6	452.5	452.4	452.4	453.1	453.0	452.9	452.7
452.3	452.2	452.0	452.0	451.9	451.8	451.7	451.6
451.5	451.3	451.2	451.2	451.9	451.8	451.7	451.6
451.1	451.0	450.9	450.9	450.8	450.6	450.5	450.4

SECTION\_A\_DESIGN\_CASE\_NOD3

450.3	450.2	450.1						
449.9	449.8	449.7	449.6	449.5	449.4	449.2		
449.1	449.0	448.9						
448.8	448.7	448.5	448.4	448.3	448.2	448.1		
448.0	447.8	447.7						
447.6	447.5	447.4	447.3	447.1	447.0	446.9		
446.8	446.7	446.6						
446.4	446.3	446.2	446.1	446.0	445.9	445.7		
445.6	445.5	445.4						
445.3	445.2	445.0	444.9	444.8	444.7	444.6		
444.5	444.3	444.2						
444.1	444.0	443.9	443.8	443.6	443.5	443.4		
443.3	443.2	443.1						

READING ON UNIT		INITIAL HEAD FOR LAYER 68 WITH FORMAT: (10G12.5)						
1	2	3	4	5	6	7		
8	9	10	11	12	13	14	15	
18	19	20	21	22	23	24	25	
28	29	30	31	32	33	34	35	
38	39	40	41	42	43	44	45	
48	49	50	51	52	53	54	55	
58	59	60	61	62	63	64	65	
68	69	70	71	72	73	74	75	
78	79	80	81	82	83	84	85	
88	89	90	91	92	93	94	95	
98	99	100	101	102	103	104	105	
108	109	110	111	112	113	114	115	
118	119	120	121	122	123	124	125	
128	129	130	131	132	133	134	135	
138	139	140	141	142	143	144	145	
148	149	150	151	152	153	154	155	
158	159	160	161	162	163	164	165	
168	169	170	171	172	173	174	175	
178	179	180	181	182	183	184	185	
188	189	190	191	192	193	194	195	
198	199	200	201	202	203	204	205	
208	209	210	211	212	213	214	215	
218	219	220	221	222	223	224	225	
228	229	230						

## SECTION\_A\_DESIGN\_CASE\_NOD3

231	232	233	234	235	236	237
238	239	240	241	242	243	244
241	242	243	244	245	246	247
248	249	250	251	252	253	254
251	252	253	254	255	256	257
258	259	260	261	262	263	264
261	262	263	264	265	266	267
268	269	270	271	272	273	274
271	272	273	274	275	276	277
278	279	280	281	282	283	284
281	282	283	284	285	286	287
288	289	290	291	292	293	294
291	292	293	294	295	296	297
298	299	300	301	302	303	304
301	302	303	304	305	306	307
308	309	310	311	312	313	314
311	312	313	314	315	316	317
318	319	320	321	322	323	324
321	322	323	324	325	326	327
328	329	330	331	332	333	334
331	332	333	334	335	336	337
338	339	340	341	342	343	344
341	342	343	344	345	346	347
348	349	350	351	352	353	354
351	352	353	354	355	356	357
358	359	360	361	362	363	364
361	362	363	364	365	366	367
368	369	370	371	372	373	374
371	372	373	374	375	376	377
378	379	380	381	382	383	384
381	382	383	384	385	386	387
388	389	390	391	392	393	394
391	392	393	394	395	396	397
398	399	400	401	402	403	404
401	402	403	404	405	406	407
408	409	410	411	412	413	414
411	412	413	414	415	416	417
418	419	420	421	422	423	424
421	422	423	424	425	426	427
428	429	430	431	432	433	434
431	432	433	434	435	436	437
438	439	440	441	442	443	444
441	442	443	444	445	446	447
448	449	450	451	452	453	454
451	452	453	454	455	456	457
458	459	460	461	462	463	464
461	462	463	464	465	466	467
468	469	470	471	472	473	474
471	472	473	474	475	476	477
478	479	480	481	482	483	484
481	482	483	484	485	486	487
488	489	490	491	492	493	494
491	492	493	494	495	496	497
498	499	500				

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1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8				
	461.8	461.8	461.8	461.8	461.7	461.7	461.7
	461.7	461.7	461.7				
	461.6	461.6	461.6	461.6	461.6	461.5	461.5
	461.5	461.5	461.5				
	461.5	461.4	461.4	461.4	461.4	461.4	461.4
	461.3	461.3	461.3				

SECTION\_A\_DESIGN\_CASE\_NOD3

461.3	461.3	461.3	461.2	461.2	461.2	461.2
461.2	461.1	461.1	461.1	461.1	461.0	461.0
461.1	461.1	461.1	461.1	461.1	461.0	461.0
461.0	461.0	461.0	461.0	460.9	460.9	460.8
460.9	460.9	460.9	460.9	460.9	460.9	460.8
460.8	460.8	460.8	460.8	460.7	460.7	460.7
460.8	460.7	460.7	460.7	460.7	460.7	460.7
460.6	460.6	460.6	460.6	460.6	460.5	460.5
460.6	460.6	460.6	460.5	460.5	460.5	460.5
460.5	460.4	460.4	460.4	460.4	460.3	460.3
460.4	460.4	460.4	460.4	460.4	460.3	460.3
460.3	460.3	460.2	460.2	460.2	460.2	460.1
460.2	460.2	460.2	460.2	460.2	460.2	460.1
460.1	460.1	460.1	460.1	460.0	460.0	460.0
460.1	460.0	460.0	460.0	460.0	460.0	459.9
459.9	459.9	459.9	459.9	459.8	459.8	459.8
459.9	459.9	459.9	459.8	459.8	459.8	459.8
459.8	459.7	459.7	459.7	459.8	459.8	459.8
459.8	459.7	459.7	459.7	459.6	459.6	459.6
459.7	459.7	459.7	459.7	459.6	459.6	459.6
459.6	459.6	459.5	459.5	459.6	459.6	459.6
459.5	459.5	459.5	459.5	459.5	459.5	459.4
459.4	459.4	459.4	459.4	459.5	459.5	459.4
459.4	459.4	459.4	459.4	459.5	459.5	459.4
459.3	459.3	459.3	459.3	459.3	459.3	459.2
459.2	459.2	459.2	459.2	459.3	459.3	459.2
459.2	459.2	459.2	459.2	459.3	459.3	459.2
459.2	459.2	459.1	459.1	459.1	459.1	459.1
459.0	459.0	459.0	459.0	459.1	459.1	459.1
459.0	459.0	459.0	459.0	458.9	458.9	458.9
458.9	458.9	458.8	458.8	458.9	458.9	458.9
458.9	458.8	458.8	458.8	458.8	458.7	458.7
458.8	458.8	458.8	458.8	458.8	458.7	458.7
458.7	458.7	458.7	458.7	458.6	458.6	458.6
458.6	458.6	458.6	458.6	458.6	458.6	458.5
458.5	458.5	458.5	458.5	458.6	458.6	458.5
458.5	458.4	458.4	458.4	458.6	458.6	458.5
458.3	458.3	458.3	458.3	458.4	458.4	458.4
458.3	458.3	458.3	458.3	458.4	458.4	458.4
458.3	458.3	458.3	458.3	458.2	458.2	458.2
458.2	458.1	458.1	458.1	458.2	458.2	458.2
458.1	458.1	458.1	458.1	458.1	458.0	458.0
458.0	458.0	458.0	458.0	458.1	458.0	458.0
457.9	457.9	457.9	457.9	458.0	458.0	458.0
457.9	457.9	457.9	457.9	457.9	457.9	457.8
457.8	457.8	457.8	457.8	457.9	457.9	457.8
457.8	457.8	457.7	457.7	457.7	457.7	457.7
457.6	457.6	457.6	457.6	457.7	457.7	457.7
457.6	457.6	457.6	457.5	457.7	457.7	457.7
457.5	457.4	457.4	457.4	457.5	457.5	457.5
457.5	457.4	457.4	457.4	457.5	457.5	457.5
457.4	457.4	457.4	457.4	457.4	457.3	457.3
457.3	457.3	457.2	457.2	457.4	457.3	457.3
457.2	457.2	457.2	457.2	457.2	457.3	457.3
457.1	457.1	457.1	457.1	457.2	457.2	457.1
457.1	457.1	457.1	457.1	457.2	457.2	457.1
457.1	457.0	457.0	457.0	457.2	457.2	457.1
456.9	456.9	456.9	456.9	457.0	457.0	457.0
456.9	456.9	456.9	456.8	457.0	457.0	457.0
456.8	456.7	456.7	456.7	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.8	456.8	456.8
456.7	456.7	456.7	456.7	456.6	456.6	456.6
456.6	456.6	456.5	456.5	456.6	456.6	456.6
456.6	456.5	456.5	456.5	456.6	456.6	456.6
456.5	456.5	456.5	456.5	456.5	456.5	456.4
456.4	456.4	456.4	456.4	456.5	456.5	456.4
456.4	456.4	456.3	456.3	456.4	456.4	456.4
456.4	456.3	456.3	456.3	456.5	456.5	456.4
456.2	456.2	456.2	456.2	456.3	456.3	456.2
456.2	456.2	456.2	456.2	456.3	456.3	456.2
456.2	456.2	456.1	456.1	456.3	456.3	456.2
456.1	456.0	456.0	456.0	456.1	456.1	456.1
456.1	456.0	456.0	456.0	456.1	456.1	456.1
456.0	456.0	456.0	456.0	456.1	456.1	456.1
455.9	455.9	455.8	455.8	455.9	455.9	455.9
455.9	455.9	455.8	455.8	455.9	455.9	455.9
455.8	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.7	455.7	455.7	455.8	455.8	455.7
455.7	455.6	455.6	455.6	455.7	455.7	455.7
455.6	455.6	455.6	455.6	455.6	455.6	455.5

## SECTION\_A\_DESIGN\_CASE\_NOD3

455.5	455.5	455.5	455.5	455.4	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
455.2	455.1	455.1	455.1	455.0	455.0	455.0	455.0	454.9
454.9	454.8	454.8	454.7	454.4	454.3	454.1	454.0	453.9
453.8	453.7	453.7	453.6	453.2	453.1	453.0	452.9	452.7
452.6	452.5	452.5	452.4	452.0	451.9	451.8	451.7	451.6
451.5	451.3	451.3	451.2	450.9	450.8	450.6	450.5	450.4
450.3	450.2	450.2	450.1	449.7	449.6	449.5	449.4	449.2
449.1	449.0	449.0	448.9	448.5	448.4	448.3	448.2	448.1
448.0	447.8	447.8	447.7	447.4	447.3	447.1	447.0	446.9
446.8	446.7	446.7	446.6	446.2	446.1	446.0	445.9	445.7
445.6	445.5	445.5	445.4	445.0	444.9	444.8	444.7	444.6
444.5	444.3	444.3	444.2	443.9	443.8	443.6	443.5	443.4
443.3	443.2	443.2	443.1					

READING ON UNIT	INITIAL HEAD FOR LAYER 69 10 WITH FORMAT: (10G12.5)							
	1	2	3	4	5	6	7	
8	11	12	10	13	14	15	16	17
18	21	22	20	23	24	25	26	27
28	31	32	30	33	34	35	36	37
38	41	42	40	43	44	45	46	47
48	51	52	50	53	54	55	56	57
58	61	62	60	63	64	65	66	67
68	71	72	70	73	74	75	76	77
78	81	82	80	83	84	85	86	87
88	91	92	90	93	94	95	96	97
98	101	102	100	103	104	105	106	107
108	111	112	110	113	114	115	116	117
118	121	122	120	123	124	125	126	127
128	131	132	130	133	134	135	136	137
138	141	142	140	143	144	145	146	147
148	151	152	150	153	154	155	156	157
158	159	160						

## SECTION\_A\_DESIGN\_CASE\_NOD3

161	162	163	164	165	166	167
168	169	170	173	174	175	176
178	179	180	183	184	185	186
188	189	190	193	194	195	196
198	199	200	203	204	205	206
208	209	210	213	214	215	216
218	219	220	223	224	225	226
228	229	230	233	234	235	236
238	239	240	243	244	245	246
248	249	250	253	254	255	256
258	259	260	263	264	265	266
268	269	270	273	274	275	276
278	279	280	283	284	285	286
288	289	290	293	294	295	296
298	299	300	303	304	305	306
308	309	310	313	314	315	316
318	319	320	323	324	325	326
328	329	330	333	334	335	336
338	339	340	343	344	345	346
348	349	350	353	354	355	356
358	359	360	363	364	365	366
368	369	370	373	374	375	376
378	379	380	383	384	385	386
388	389	390	393	394	395	396
398	399	400	403	404	405	406
408	409	410	413	414	415	416
418	419	420	423	424	425	426
428	429	430	433	434	435	436
438	439	440	443	444	445	446
448	449	450	453	454	455	456
458	459	460	463	464	465	466
468	469	470	473	474	475	476
478	479	480	483	484	485	486
481	482	483	484	485	486	487



## SECTION\_A\_DESIGN\_CASE\_NOD3

488	489	490	493	494	495	496	497
491	492	500					

1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8				
	461.8	461.8	461.8	461.8	461.7	461.7	461.7
	461.7	461.7	461.7				
	461.6	461.6	461.6	461.6	461.6	461.5	461.5
	461.5	461.5	461.5				
	461.5	461.4	461.4	461.4	461.4	461.4	461.4
	461.3	461.3	461.3				
	461.3	461.3	461.3	461.2	461.2	461.2	461.2
	461.2	461.1	461.1				
	461.1	461.1	461.1	461.1	461.0	461.0	461.0
	461.0	461.0	461.0				
	460.9	460.9	460.9	460.9	460.9	460.8	460.8
	460.8	460.8	460.8				
	460.8	460.7	460.7	460.7	460.7	460.7	460.7
	460.6	460.6	460.6				
	460.6	460.6	460.5	460.5	460.5	460.5	460.5
	460.5	460.4	460.4				
	460.4	460.4	460.4	460.4	460.3	460.3	460.3
	460.3	460.3	460.2				
	460.2	460.2	460.2	460.2	460.2	460.1	460.1
	460.1	460.1	460.1				
	460.1	460.0	460.0	460.0	460.0	460.0	459.9
	459.9	459.9	459.9				
	459.9	459.9	459.8	459.8	459.8	459.8	459.8
	459.8	459.7	459.7				
	459.7	459.7	459.7	459.6	459.6	459.6	459.6
	459.6	459.6	459.5				
	459.5	459.5	459.5	459.5	459.5	459.4	459.4
	459.4	459.4	459.4				
	459.3	459.3	459.3	459.3	459.3	459.3	459.2
	459.2	459.2	459.2				
	459.2	459.2	459.1	459.1	459.1	459.1	459.1
	459.0	459.0	459.0				
	459.0	459.0	459.0	458.9	458.9	458.9	458.9
	458.9	458.9	458.8				
	458.8	458.8	458.8	458.8	458.7	458.7	458.7
	458.7	458.7	458.7				
	458.6	458.6	458.6	458.6	458.6	458.6	458.5
	458.5	458.5	458.5				
	458.5	458.4	458.4	458.4	458.4	458.4	458.4
	458.3	458.3	458.3				
	458.3	458.3	458.3	458.2	458.2	458.2	458.2
	458.2	458.1	458.1				
	458.1	458.1	458.1	458.1	458.0	458.0	458.0
	458.0	458.0	458.0				
	457.9	457.9	457.9	457.9	457.9	457.8	457.8
	457.8	457.8	457.8				
	457.8	457.7	457.7	457.7	457.7	457.7	457.7
	457.6	457.6	457.6				
	457.6	457.6	457.5	457.5	457.5	457.5	457.5
	457.5	457.4	457.4				
	457.4	457.4	457.4	457.4	457.3	457.3	457.3
	457.3	457.3	457.2				
	457.2	457.2	457.2	457.2	457.2	457.1	457.1
	457.1	457.1	457.1				
	457.1	457.0	457.0	457.0	457.0	457.0	457.0
	456.9	456.9	456.9				
	456.9	456.9	456.8	456.8	456.8	456.8	456.8

## SECTION\_A\_DESIGN\_CASE\_NOD3

456.8	456.7	456.7	456.7	456.7	456.6	456.6	456.6	456.6
456.6	456.7	456.6	456.6	456.5	456.6	456.6	456.6	456.6
456.5	456.5	456.5	456.5	456.5	456.5	456.5	456.4	456.4
456.4	456.4	456.4	456.4	456.4	456.3	456.3	456.3	456.2
456.2	456.4	456.3	456.3	456.3	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.2	456.2	456.1	456.1	456.1	456.1
456.1	456.2	456.2	456.1	456.1	456.1	456.1	456.1	456.1
456.0	456.0	456.0	456.0	456.0	455.9	455.9	455.9	455.9
455.9	455.9	455.8	455.8	455.8	455.8	455.8	455.7	455.7
455.8	455.8	455.8	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.7	455.7	455.7	455.7	455.8	455.8	455.7	455.7
455.6	455.6	455.6	455.6	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.5	455.5	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.4	455.4	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.3	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
455.2	455.1	455.1	455.1	455.1	455.2	455.2	455.2	455.2
455.1	455.1	455.1	455.0	455.0	455.0	455.0	455.0	454.9
454.9	454.8	454.7	454.7	454.7	454.3	454.1	454.0	453.9
454.6	454.5	454.5	454.4	454.4	454.3	454.1	454.0	453.9
453.8	453.7	453.6	453.6	453.6	454.3	454.1	454.0	453.9
453.4	453.3	453.3	453.2	453.2	453.1	453.0	452.9	452.7
452.6	452.5	452.4	452.4	452.4	453.1	453.0	452.9	452.7
452.3	452.2	452.2	452.0	452.0	451.9	451.8	451.7	451.6
451.5	451.3	451.2	451.2	451.2	451.9	451.8	451.7	451.6
451.1	451.0	450.9	450.9	450.9	450.8	450.6	450.5	450.4
450.3	450.2	450.1	450.1	450.1	450.8	450.6	450.5	450.4
449.9	449.8	449.7	449.7	449.7	449.6	449.5	449.4	449.2
449.1	449.0	448.9	448.9	448.9	449.6	449.5	449.4	449.2
448.8	448.7	448.5	448.5	448.5	448.4	448.3	448.2	448.1
448.0	447.8	447.7	447.7	447.7	448.4	448.3	448.2	448.1
447.6	447.5	447.4	447.4	447.4	448.4	448.3	448.2	448.1
446.8	446.7	446.6	446.6	446.6	447.3	447.1	447.0	446.9
446.4	446.3	446.2	446.2	446.2	447.3	447.1	447.0	446.9
445.6	445.5	445.4	445.4	445.4	446.1	446.0	445.9	445.7
445.3	445.2	445.0	445.0	445.0	446.1	446.0	445.9	445.7
444.5	444.3	444.2	444.2	444.2	444.9	444.8	444.7	444.6
444.1	444.0	443.9	443.9	443.9	444.9	444.8	444.7	444.6
443.3	443.2	443.1	443.1	443.1	443.8	443.6	443.5	443.4

READING ON UNIT		INITIAL HEAD FOR LAYER 70 WITH FORMAT: (10G12.5)						
	1	2	3	4	5	6	7	
8	11	12	10	13	14	15	16	17
18	21	22	20	23	24	25	26	27
28	31	32	30	33	34	35	36	37
38	41	42	40	43	44	45	46	47
48	51	52	50	53	54	55	56	57
58	61	62	60	63	64	65	66	67
68	71	72	70	73	74	75	76	77
78	81	82	80	83	84	85	86	87
88	89	82	90	83	84	85	86	87

## SECTION\_A\_DESIGN\_CASE\_NOD3

	91	92	93	94	95	96	97
98		99	100				
108	101	102	103	104	105	106	107
	109		110				
118	111	112	113	114	115	116	117
	119		120				
128	121	122	123	124	125	126	127
	129		130				
138	131	132	133	134	135	136	137
	139		140				
148	141	142	143	144	145	146	147
	149		150				
158	151	152	153	154	155	156	157
	159		160				
168	161	162	163	164	165	166	167
	169		170				
178	171	172	173	174	175	176	177
	179		180				
188	181	182	183	184	185	186	187
	189		190				
198	191	192	193	194	195	196	197
	199		200				
208	201	202	203	204	205	206	207
	209		210				
218	211	212	213	214	215	216	217
	219		220				
228	221	222	223	224	225	226	227
	229		230				
238	231	232	233	234	235	236	237
	239		240				
248	241	242	243	244	245	246	247
	249		250				
258	251	252	253	254	255	256	257
	259		260				
268	261	262	263	264	265	266	267
	269		270				
278	271	272	273	274	275	276	277
	279		280				
288	281	282	283	284	285	286	287
	289		290				
298	291	292	293	294	295	296	297
	299		300				
308	301	302	303	304	305	306	307
	309		310				
318	311	312	313	314	315	316	317
	319		320				
328	321	322	323	324	325	326	327
	329		330				
338	331	332	333	334	335	336	337
	339		340				
348	341	342	343	344	345	346	347
	349		350				
358	351	352	353	354	355	356	357
	359		360				
368	361	362	363	364	365	366	367
	369		370				
378	371	372	373	374	375	376	377
	379		380				
388	381	382	383	384	385	386	387
	389		390				
398	391	392	393	394	395	396	397
	399		400				
408	401	402	403	404	405	406	407
	409		410				
	411	412	413	414	415	416	417

SECTION\_A\_DESIGN\_CASE\_NOD3

418		419		420									
	421		422		423		424		425		426		427
428		429		430									
	431		432		433		434		435		436		437
438		439		440									
	441		442		443		444		445		446		447
448		449		450									
	451		452		453		454		455		456		457
458		459		460									
	461		462		463		464		465		466		467
468		469		470									
	471		472		473		474		475		476		477
478		479		480									
	481		482		483		484		485		486		487
488		489		490									
	491		492		493		494		495		496		497
498		499		500									

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1	462.0		462.0		462.0		461.9		461.9		461.9		461.9
	461.9		461.9		461.8		461.8		461.7		461.7		461.7
	461.8		461.8		461.8		461.8		461.7		461.7		461.7
	461.7		461.7		461.7		461.7		461.6		461.6		461.5
	461.6		461.6		461.6		461.6		461.6		461.6		461.5
	461.5		461.5		461.5		461.5		461.4		461.4		461.4
	461.5		461.4		461.4		461.4		461.4		461.4		461.4
	461.3		461.3		461.3		461.3		461.4		461.4		461.4
	461.3		461.3		461.3		461.3		461.2		461.2		461.2
	461.2		461.1		461.1		461.1		461.2		461.2		461.2
	461.1		461.1		461.1		461.1		461.0		461.0		461.0
	461.0		461.0		461.0		461.0		461.0		461.0		461.0
	460.9		460.9		460.9		460.9		460.9		460.9		460.8
	460.8		460.8		460.8		460.8		460.9		460.9		460.8
	460.8		460.8		460.8		460.8		460.9		460.9		460.8
	460.8		460.7		460.7		460.7		460.7		460.7		460.7
	460.6		460.6		460.6		460.6		460.7		460.7		460.7
	460.6		460.6		460.6		460.5		460.7		460.7		460.7
	460.6		460.6		460.6		460.5		460.5		460.5		460.5
	460.5		460.4		460.4		460.4		460.5		460.5		460.5
	460.4		460.4		460.4		460.4		460.4		460.3		460.3
	460.4		460.4		460.4		460.4		460.4		460.3		460.3
	460.3		460.3		460.2		460.2		460.3		460.3		460.3
	460.2		460.2		460.2		460.2		460.2		460.2		460.1
	460.1		460.1		460.1		460.1		460.2		460.2		460.1
	460.1		460.0		460.0		460.0		460.1		460.1		460.1
	459.9		459.9		459.9		460.0		460.0		460.0		459.9
	459.9		459.9		459.9		459.9		460.0		460.0		459.9
	459.9		459.9		459.8		459.8		459.8		459.8		459.8
	459.8		459.7		459.7		459.7		459.8		459.8		459.8
	459.7		459.7		459.7		459.7		459.7		459.6		459.6
	459.7		459.7		459.7		459.7		459.6		459.6		459.6
	459.6		459.6		459.5		459.5		459.6		459.6		459.6
	459.5		459.5		459.5		459.5		459.6		459.6		459.6
	459.5		459.5		459.5		459.5		459.5		459.5		459.4
	459.4		459.4		459.4		459.4		459.5		459.5		459.4
	459.3		459.3		459.3		459.3		459.4		459.4		459.4
	459.3		459.3		459.3		459.3		459.3		459.3		459.2
	459.2		459.2		459.2		459.2		459.3		459.3		459.2
	459.2		459.2		459.2		459.2		459.3		459.3		459.2
	459.2		459.2		459.1		459.1		459.2		459.2		459.1
	459.0		459.0		459.0		459.1		459.1		459.1		459.1
	459.0		459.0		459.0		459.0		459.1		459.1		459.1
	459.0		459.0		459.0		458.9		459.0		458.9		458.9
	458.9		458.9		458.8		458.8		458.9		458.9		458.9
	458.8		458.8		458.8		458.8		458.9		458.9		458.9
	458.8		458.8		458.8		458.8		458.8		458.7		458.7
	458.7		458.7		458.7		458.7		458.8		458.7		458.7
	458.6		458.6		458.6		458.6		458.7		458.7		458.7
	458.6		458.6		458.6		458.6		458.6		458.6		458.5
	458.5		458.5		458.5		458.5		458.6		458.6		458.5
	458.5		458.4		458.4		458.4		458.6		458.6		458.5
	458.5		458.4		458.4		458.4		458.5		458.5		458.4
	458.3		458.3		458.3		458.3		458.4		458.4		458.4
	458.3		458.3		458.3		458.3		458.4		458.4		458.4
	458.3		458.3		458.3		458.3		458.4		458.4		458.4
	458.3		458.3		458.3		458.3		458.2		458.2		458.2
	458.2		458.1		458.1		458.1		458.2		458.2		458.2
	458.2		458.1		458.1		458.1		458.2		458.2		458.2
	458.1		458.1		458.1		458.1		458.1		458.0		458.0
	458.1		458.1		458.1		458.1		458.1		458.0		458.0

## SECTION\_A\_DESIGN\_CASE\_NOD3

458.0	458.0	458.0	458.0				
457.9	457.9	457.9	457.9	457.9	457.9	457.8	457.8
457.8	457.8	457.8	457.8				
457.8	457.7	457.7	457.7	457.7	457.7	457.7	457.7
457.6	457.6	457.6	457.6				
457.6	457.6	457.6	457.5	457.5	457.5	457.5	457.5
457.5	457.4	457.4	457.4	457.4	457.3	457.3	457.3
457.4	457.4	457.4	457.4				
457.3	457.3	457.2	457.2	457.2	457.2	457.1	457.1
457.2	457.2	457.2	457.2				
457.1	457.1	457.1	457.1				
457.1	457.0	457.0	457.0	457.0	457.0	457.0	457.0
456.9	456.9	456.9	456.9				
456.9	456.9	456.9	456.8	456.8	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.6	456.6	456.6	456.6
456.7	456.7	456.7	456.7				
456.6	456.6	456.5	456.5	456.5	456.5	456.4	456.4
456.5	456.5	456.5	456.5				
456.4	456.4	456.4	456.4	456.4	456.3	456.3	456.2
456.4	456.3	456.3	456.3	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.2				
456.2	456.2	456.2	456.1	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	455.9	455.9	455.9	455.9
456.0	456.0	456.0	456.0				
455.9	455.9	455.8	455.8	455.8	455.8	455.7	455.7
455.8	455.8	455.8	455.8				
455.7	455.7	455.7	455.7	455.6	455.6	455.6	455.5
455.6	455.6	455.6	455.6				
455.5	455.5	455.5	455.5	455.4	455.4	455.4	455.4
455.5	455.5	455.5	455.4	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
455.3	455.3	455.3	455.3				
455.2	455.1	455.1	455.1	455.0	455.0	455.0	454.9
455.1	455.1	455.1	455.0	455.0	455.0	455.0	454.9
454.9	454.8	454.7	454.7	454.3	454.1	454.0	453.9
454.6	454.5	454.4	454.4				
453.8	453.7	453.6	453.6	453.1	453.0	452.9	452.7
453.4	453.3	453.2	453.2				
452.6	452.5	452.4	452.4	451.9	451.8	451.7	451.6
452.3	452.2	452.0	452.0				
451.5	451.3	451.2	451.2	450.8	450.6	450.5	450.4
451.1	451.0	450.9	450.9				
450.3	450.2	450.1	450.1	449.6	449.5	449.4	449.2
449.9	449.8	449.7	449.7				
449.1	449.0	448.9	448.9	448.4	448.3	448.2	448.1
448.8	448.7	448.5	448.5				
448.0	447.8	447.7	447.7	447.3	447.1	447.0	446.9
447.6	447.5	447.4	447.4				
446.8	446.7	446.6	446.6	446.1	446.0	445.9	445.7
446.4	446.3	446.2	446.2				
445.6	445.5	445.4	445.4	444.9	444.8	444.7	444.6
445.3	445.2	445.0	445.0				
444.5	444.3	444.2	444.2	443.8	443.6	443.5	443.4
444.1	444.0	443.9	443.9				
443.3	443.2	443.1	443.1				

READING ON UNIT      INITIAL HEAD FOR LAYER 71  
 WITH FORMAT: (10G12.5)

1	2	3	4	5	6	7
8	9	10				
11	12	13	14	15	16	17
18	19	20				

SECTION\_A\_DESIGN\_CASE\_NOD3

21	22	23	24	25	26	27
28 31	29 32	30 33	34	35	36	37
38 41	39 42	40 43	44	45	46	47
48 51	49 52	50 53	54	55	56	57
58 61	59 62	60 63	64	65	66	67
68 71	69 72	70 73	74	75	76	77
78 81	79 82	80 83	84	85	86	87
88 91	89 92	90 93	94	95	96	97
98 101	99 102	100 103	104	105	106	107
108 111	109 112	110 113	114	115	116	117
118 121	119 122	120 123	124	125	126	127
128 131	129 132	130 133	134	135	136	137
138 141	139 142	140 143	144	145	146	147
148 151	149 152	150 153	154	155	156	157
158 161	159 162	160 163	164	165	166	167
168 171	169 172	170 173	174	175	176	177
178 181	179 182	180 183	184	185	186	187
188 191	189 192	190 193	194	195	196	197
198 201	199 202	200 203	204	205	206	207
208 211	209 212	210 213	214	215	216	217
218 221	219 222	220 223	224	225	226	227
228 231	229 232	230 233	234	235	236	237
238 241	239 242	240 243	244	245	246	247
248 251	249 252	250 253	254	255	256	257
258 261	259 262	260 263	264	265	266	267
268 271	269 272	270 273	274	275	276	277
278 281	279 282	280 283	284	285	286	287
288 291	289 292	290 293	294	295	296	297
298 301	299 302	300 303	304	305	306	307
308 311	309 312	310 313	314	315	316	317
318 321	319 322	320 323	324	325	326	327
328 331	329 332	330 333	334	335	336	337
338 341	339 342	340 343	344	345	346	347

SECTION\_A\_DESIGN\_CASE\_NOD3

348		349		350										
	351		352		353		354		355		356		357	
358		359		360		363		364		365		366		367
	361		362		370									
368		369		372		373		374		375		376		377
	371		372		380									
378		379		382		383		384		385		386		387
	381		382		390									
388		389		392		393		394		395		396		397
	391		392		400									
398		399		402		403		404		405		406		407
	401		402		410									
408		409		412		413		414		415		416		417
	411		412		420									
418		419		422		423		424		425		426		427
	421		422		430									
428		429		432		433		434		435		436		437
	431		432		440									
438		439		442		443		444		445		446		447
	441		442		450									
448		449		452		453		454		455		456		457
	451		452		460									
458		459		462		463		464		465		466		467
	461		462		470									
468		469		472		473		474		475		476		477
	471		472		480									
478		479		482		483		484		485		486		487
	481		482		490									
488		489		492		493		494		495		496		497
	491		492		500									
498		499												

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1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.7	461.7	461.7
	461.8	461.8	461.7	461.7	461.6	461.5	461.5
	461.7	461.7	461.6	461.6	461.5	461.4	461.4
	461.6	461.6	461.5	461.5	461.4	461.4	461.4
	461.5	461.5	461.4	461.4	461.3	461.2	461.2
	461.5	461.4	461.3	461.3	461.2	461.2	461.2
	461.3	461.3	461.3	461.3	461.1	461.0	461.0
	461.2	461.1	461.1	461.1	461.0	460.8	460.8
	461.1	461.1	461.0	460.9	460.9	460.7	460.7
	461.0	461.0	460.9	460.9	460.7	460.7	460.7
	460.9	460.9	460.8	460.8	460.6	460.5	460.5
	460.8	460.8	460.8	460.8	460.5	460.5	460.5
	460.8	460.7	460.7	460.7	460.4	460.3	460.3
	460.6	460.6	460.6	460.6	460.4	460.3	460.3
	460.6	460.6	460.5	460.5	460.4	460.3	460.3
	460.5	460.4	460.4	460.4	460.4	460.3	460.3
	460.4	460.4	460.4	460.4	460.3	460.3	460.3
	460.3	460.3	460.2	460.2	460.2	460.2	460.1
	460.2	460.2	460.2	460.2	460.2	460.2	460.1
	460.1	460.1	460.1	460.1	460.2	460.2	460.1
	460.1	460.1	460.1	460.1	460.2	460.2	460.1
	460.1	460.0	460.0	460.0	460.0	460.0	459.9
	459.9	459.9	459.9	459.9	459.8	459.8	459.8
	459.9	459.9	459.9	459.8	459.8	459.8	459.8
	459.8	459.7	459.7	459.7	459.8	459.8	459.8
	459.7	459.7	459.7	459.7	459.6	459.6	459.6
	459.6	459.6	459.5	459.5	459.6	459.6	459.6
	459.5	459.5	459.5	459.5	459.5	459.5	459.4
	459.4	459.4	459.4	459.4	459.5	459.5	459.4
	459.4	459.4	459.4	459.4	459.5	459.5	459.4
	459.3	459.3	459.3	459.3	459.3	459.3	459.2

## SECTION\_A\_DESIGN\_CASE\_NOD3

459.2	459.2	459.2	459.2	459.1	459.1	459.1	459.1	459.1
459.0	459.0	459.0	459.0	459.0	458.9	458.9	458.9	458.9
458.9	458.9	458.9	458.8	458.8	458.8	458.7	458.7	458.7
458.7	458.7	458.7	458.7	458.6	458.6	458.6	458.6	458.5
458.5	458.5	458.5	458.5	458.4	458.4	458.4	458.4	458.4
458.3	458.3	458.3	458.3	458.3	458.2	458.2	458.2	458.2
458.2	458.2	458.1	458.1	458.1	458.1	458.0	458.0	458.0
458.0	458.0	458.0	458.0	457.9	457.9	457.9	457.8	457.8
457.8	457.8	457.8	457.8	457.8	457.8	457.8	457.8	457.8
457.6	457.6	457.7	457.7	457.7	457.7	457.7	457.7	457.7
457.5	457.6	457.6	457.6	457.5	457.5	457.5	457.5	457.5
457.3	457.4	457.4	457.4	457.4	457.4	457.3	457.3	457.3
457.1	457.3	457.3	457.2	457.2	457.2	457.2	457.1	457.1
456.9	457.1	457.1	457.1	457.0	457.0	457.0	457.0	457.0
456.8	457.1	457.0	457.0	457.0	457.0	457.0	457.0	457.0
456.6	456.9	456.9	456.9	456.8	456.8	456.8	456.8	456.8
456.4	456.7	456.7	456.7	456.7	456.6	456.6	456.6	456.6
456.2	456.6	456.6	456.5	456.5	456.5	456.5	456.4	456.4
456.1	456.5	456.5	456.5	456.5	456.5	456.5	456.4	456.4
455.9	456.4	456.4	456.4	456.4	456.3	456.3	456.3	456.2
455.7	456.2	456.2	456.2	456.2	456.2	456.2	456.1	456.1
455.5	456.2	456.2	456.2	456.1	456.1	456.1	456.1	456.1
455.3	456.0	456.0	456.0	456.0	455.9	455.9	455.9	455.9
455.1	455.9	455.9	455.8	455.8	455.8	455.8	455.7	455.7
454.9	455.8	455.8	455.8	455.8	455.8	455.8	455.7	455.7
454.7	455.7	455.7	455.7	455.6	455.6	455.6	455.6	455.5
454.5	455.6	455.6	455.6	455.6	455.6	455.6	455.6	455.5
454.3	455.5	455.5	455.5	455.4	455.4	455.4	455.4	455.4
454.1	455.5	455.5	455.4	455.4	455.4	455.4	455.4	455.4
453.9	455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
453.7	455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
453.5	455.2	455.1	455.1	455.1	455.1	455.1	455.1	455.1
453.3	455.1	455.1	455.1	455.0	455.0	455.0	455.0	454.9
453.1	455.0	455.0	455.0	455.0	455.0	455.0	455.0	454.9
452.9	454.9	454.8	454.7	454.7	454.7	454.7	454.7	454.7
452.7	454.6	454.5	454.4	454.4	454.3	454.1	454.0	453.9
452.5	453.8	453.7	453.6	453.6	453.6	453.6	453.6	453.6
452.3	453.4	453.3	453.2	453.2	453.1	453.0	452.9	452.7
452.1	452.6	452.5	452.4	452.4	452.4	452.4	452.4	452.4
451.9	452.3	452.2	452.0	452.0	451.9	451.8	451.7	451.6
451.7	451.5	451.3	451.2	451.2	451.2	451.2	451.2	451.2
451.5	451.1	451.0	450.9	450.9	450.8	450.6	450.5	450.4
451.3	450.3	450.2	450.1	450.1	450.1	450.1	450.1	450.1
451.1	449.9	449.8	449.7	449.7	449.6	449.5	449.4	449.2
450.9	449.1	449.0	448.9	448.9	448.9	448.9	448.9	448.9
450.7	448.8	448.7	448.5	448.5	448.4	448.3	448.2	448.1
450.5	448.0	447.8	447.7	447.7	447.7	447.7	447.7	447.7
450.3	447.6	447.5	447.4	447.4	447.3	447.1	447.0	446.9
450.1	446.8	446.7	446.6	446.6	446.6	446.6	446.6	446.6
449.9	446.4	446.3	446.2	446.2	446.1	446.0	445.9	445.7
449.7	445.6	445.5	445.4	445.4	445.4	445.4	445.4	445.4



			SECTION_A_DESIGN_CASE_NOD3				
445.3	445.2	445.0	444.9	444.8	444.7	444.6	
444.5	444.3	444.2					
444.1	444.0	443.9	443.8	443.6	443.5	443.4	
443.3	443.2	443.1					

READING ON UNIT		INITIAL HEAD FOR LAYER 72					WITH FORMAT: (10G12.5)	
1	2	3	4	5	6	7		
8	9	10	11	12	13	14	15	
18	19	20	21	22	23	24	25	
28	29	30	31	32	33	34	35	
38	39	40	41	42	43	44	45	
48	49	50	51	52	53	54	55	
58	59	60	61	62	63	64	65	
68	69	70	71	72	73	74	75	
78	79	80	81	82	83	84	85	
88	89	90	91	92	93	94	95	
98	99	100	101	102	103	104	105	
108	109	110	111	112	113	114	115	
118	119	120	121	122	123	124	125	
128	129	130	131	132	133	134	135	
138	139	140	141	142	143	144	145	
148	149	150	151	152	153	154	155	
158	159	160	161	162	163	164	165	
168	169	170	171	172	173	174	175	
178	179	180	181	182	183	184	185	
188	189	190	191	192	193	194	195	
198	199	200	201	202	203	204	205	
208	209	210	211	212	213	214	215	
218	219	220	221	222	223	224	225	
228	229	230	231	232	233	234	235	
238	239	240	241	242	243	244	245	
248	249	250	251	252	253	254	255	
258	259	260	261	262	263	264	265	
268	269	270	271	272	273	274	275	
							276	
							277	

## SECTION\_A\_DESIGN\_CASE\_NOD3

278	279	280	281	282	283	284	285	286	287
288	289	290	291	292	293	294	295	296	297
298	299	300	301	302	303	304	305	306	307
308	309	310	311	312	313	314	315	316	317
318	319	320	321	322	323	324	325	326	327
328	329	330	331	332	333	334	335	336	337
338	339	340	341	342	343	344	345	346	347
348	349	350	351	352	353	354	355	356	357
358	359	360	361	362	363	364	365	366	367
368	369	370	371	372	373	374	375	376	377
378	379	380	381	382	383	384	385	386	387
388	389	390	391	392	393	394	395	396	397
398	399	400	401	402	403	404	405	406	407
408	409	410	411	412	413	414	415	416	417
418	419	420	421	422	423	424	425	426	427
428	429	430	431	432	433	434	435	436	437
438	439	440	441	442	443	444	445	446	447
448	449	450	451	452	453	454	455	456	457
458	459	460	461	462	463	464	465	466	467
468	469	470	471	472	473	474	475	476	477
478	479	480	481	482	483	484	485	486	487
488	489	490	491	492	493	494	495	496	497
498	499	500							

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1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8				
	461.8	461.8	461.8	461.8	461.7	461.7	461.7
	461.7	461.7	461.7				
	461.6	461.6	461.6	461.6	461.6	461.5	461.5
	461.5	461.5	461.5				
	461.5	461.4	461.4	461.4	461.4	461.4	461.4
	461.3	461.3	461.3				
	461.3	461.3	461.3	461.2	461.2	461.2	461.2
	461.2	461.1	461.1				
	461.1	461.1	461.1	461.1	461.0	461.0	461.0
	461.0	461.0	461.0				
	460.9	460.9	460.9	460.9	460.9	460.8	460.8
	460.8	460.8	460.8				
	460.8	460.7	460.7	460.7	460.7	460.7	460.7
	460.6	460.6	460.6				
	460.6	460.6	460.5	460.5	460.5	460.5	460.5

## SECTION\_A\_DESIGN\_CASE\_NOD3

460.5	460.4	460.4	460.4	460.4	460.3	460.3	460.3
460.3	460.4	460.3	460.3	460.2	460.4	460.3	460.3
460.2	460.2	460.2	460.2	460.2	460.2	460.1	460.1
460.1	460.1	460.1	460.1	460.0	460.0	460.0	459.9
459.9	459.9	459.9	459.9	459.8	459.8	459.8	459.8
459.8	459.7	459.7	459.7	459.7	459.6	459.6	459.6
459.6	459.6	459.5	459.5	459.5	459.5	459.4	459.4
459.4	459.5	459.5	459.4	459.4	459.5	459.4	459.4
459.3	459.3	459.3	459.3	459.3	459.3	459.3	459.2
459.2	459.2	459.2	459.2	459.1	459.1	459.1	459.1
459.0	459.0	459.0	459.0	459.0	458.9	458.9	458.9
458.9	458.9	458.8	458.8	458.8	458.8	458.7	458.7
458.7	458.7	458.6	458.6	458.6	458.6	458.6	458.5
458.5	458.5	458.5	458.5	458.4	458.4	458.4	458.4
458.3	458.3	458.4	458.3	458.4	458.4	458.4	458.4
458.3	458.3	458.3	458.3	458.3	458.2	458.2	458.2
458.2	458.1	458.1	458.1	458.1	458.2	458.2	458.2
458.1	458.1	458.1	458.1	458.1	458.0	458.0	458.0
458.0	458.0	458.0	458.0	457.9	457.9	457.8	457.8
457.9	457.9	457.9	457.9	457.9	457.9	457.8	457.8
457.8	457.8	457.7	457.7	457.7	457.7	457.7	457.7
457.6	457.6	457.6	457.6	457.6	457.7	457.7	457.7
457.5	457.6	457.6	457.5	457.5	457.5	457.5	457.5
457.4	457.4	457.4	457.4	457.4	457.5	457.5	457.5
457.3	457.3	457.3	457.2	457.2	457.3	457.3	457.3
457.2	457.2	457.2	457.2	457.2	457.2	457.1	457.1
457.1	457.1	457.1	457.1	457.1	457.2	457.1	457.1
457.1	457.0	457.0	457.0	457.0	457.0	457.0	457.0
456.9	456.9	456.9	456.9	456.8	456.8	456.8	456.8
456.8	456.9	456.9	456.8	456.8	456.8	456.8	456.8
456.7	456.7	456.7	456.7	456.6	456.6	456.6	456.6
456.6	456.6	456.5	456.5	456.5	456.6	456.6	456.6
456.5	456.5	456.5	456.5	456.5	456.5	456.4	456.4
456.4	456.4	456.4	456.4	456.3	456.3	456.3	456.2
456.4	456.3	456.3	456.3	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.2	456.1	456.1	456.1	456.1
456.2	456.2	456.1	456.1	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	455.9	455.9	455.9	455.9
456.0	456.0	456.0	456.0	455.9	455.9	455.9	455.9
455.9	455.9	455.8	455.8	455.8	455.8	455.7	455.7
455.8	455.8	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.7	455.7	455.6	455.6	455.6	455.6	455.5
455.6	455.6	455.6	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.5	455.4	455.4	455.4	455.4
455.5	455.5	455.5	455.4	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
455.2	455.1	455.1	455.1	455.0	455.0	455.0	454.9
455.1	455.1	455.1	455.0	455.0	455.0	455.0	454.9
454.9	454.8	454.7	454.7	454.7	454.7	454.7	454.7
454.6	454.5	454.4	454.4	454.3	454.1	454.0	453.9
453.8	453.7	453.6	453.6	453.6	453.6	453.6	453.6

SECTION_A_DESIGN_CASE_NOD3							
453.4	453.3	453.2	453.1	453.0	452.9	452.7	
452.6	452.5	452.4	452.0	451.9	451.8	451.6	
451.5	451.3	451.2	450.9	450.8	450.6	450.4	
450.3	450.2	450.1	449.7	449.6	449.5	449.2	
449.1	449.0	448.9	448.5	448.4	448.3	448.1	
448.0	447.8	447.7	447.4	447.3	447.1	446.9	
446.8	446.7	446.6	446.2	446.1	446.0	445.7	
445.6	445.5	445.4	445.0	444.9	444.8	444.6	
444.5	444.3	444.2	443.9	443.8	443.6	443.4	
443.3	443.2	443.1					

READING ON UNIT	INITIAL HEAD FOR LAYER 73 WITH FORMAT: (10G12.5)						
10	1	2	3	4	5	6	7
8	9	10	13	14	15	16	17
18	21	22	23	24	25	26	27
28	31	32	33	34	35	36	37
38	41	42	43	44	45	46	47
48	51	52	53	54	55	56	57
58	61	62	63	64	65	66	67
68	71	72	73	74	75	76	77
78	81	82	83	84	85	86	87
88	91	92	93	94	95	96	97
98	99	100	103	104	105	106	107
108	101	102	110	111	112	113	114
118	111	112	120	121	122	123	124
128	121	122	130	131	132	133	134
138	131	132	140	141	142	143	144
148	141	142	150	151	152	153	154
158	151	152	160	161	162	163	164
168	161	162	170	171	172	173	174
178	171	172	180	181	182	183	184
188	181	182	190	191	192	193	194
198	191	192	200	201	202	203	204
	201	202	203	204	205	206	207

## SECTION\_A\_DESIGN\_CASE\_NOD3

208		209		210															
	211		212		213		214		215		216		217						
218		219		220		221		222		223		224		225		226		227	
	221		222		223		224		225		226		227		228		229		230
228		229		230		231		232		233		234		235		236		237	
	231		232		233		234		235		236		237		238		239		240
238		239		240		241		242		243		244		245		246		247	
	241		242		243		244		245		246		247		248		249		250
248		249		250		251		252		253		254		255		256		257	
	251		252		253		254		255		256		257		258		259		260
258		259		260		261		262		263		264		265		266		267	
	261		262		263		264		265		266		267		268		269		270
268		269		270		271		272		273		274		275		276		277	
	271		272		273		274		275		276		277		278		279		280
278		279		280		281		282		283		284		285		286		287	
	281		282		283		284		285		286		287		288		289		290
288		289		290		291		292		293		294		295		296		297	
	291		292		293		294		295		296		297		298		299		300
298		299		300		301		302		303		304		305		306		307	
	301		302		303		304		305		306		307		308		309		310
308		309		310		311		312		313		314		315		316		317	
	311		312		313		314		315		316		317		318		319		320
318		319		320		321		322		323		324		325		326		327	
	321		322		323		324		325		326		327		328		329		330
328		329		330		331		332		333		334		335		336		337	
	331		332		333		334		335		336		337		338		339		340
338		339		340		341		342		343		344		345		346		347	
	341		342		343		344		345		346		347		348		349		350
348		349		350		351		352		353		354		355		356		357	
	351		352		353		354		355		356		357		358		359		360
358		359		360		361		362		363		364		365		366		367	
	361		362		363		364		365		366		367		368		369		370
368		369		370		371		372		373		374		375		376		377	
	371		372		373		374		375		376		377		378		379		380
378		379		380		381		382		383		384		385		386		387	
	381		382		383		384		385		386		387		388		389		390
388		389		390		391		392		393		394		395		396		397	
	391		392		393		394		395		396		397		398		399		400
398		399		400		401		402		403		404		405		406		407	
	401		402		403		404		405		406		407		408		409		410
408		409		410		411		412		413		414		415		416		417	
	411		412		413		414		415		416		417		418		419		420
418		419		420		421		422		423		424		425		426		427	
	421		422		423		424		425		426		427		428		429		430
428		429		430		431		432		433		434		435		436		437	
	431		432		433		434		435		436		437		438		439		440
438		439		440		441		442		443		444		445		446		447	
	441		442		443		444		445		446		447		448		449		450
448		449		450		451		452		453		454		455		456		457	
	451		452		453		454		455		456		457		458		459		460
458		459		460		461		462		463		464		465		466		467	
	461		462		463		464		465		466		467		468		469		470
468		469		470		471		472		473		474		475		476		477	
	471		472		473		474		475		476		477		478		479		480
478		479		480		481		482		483		484		485		486		487	
	481		482		483		484		485		486		487		488		489		490
488		489		490		491		492		493		494		495		496		497	
	491		492		493		494		495		496		497		498		499		500

.....

1	462.0		462.0		462.0		461.9		461.9		461.9		461.9	
	461.9		461.9		461.8		461.8		461.8		461.7		461.7	
		461.8		461.8		461.8		461.8		461.7		461.7		461.7

## SECTION\_A\_DESIGN\_CASE\_NOD3

461.7	461.7	461.7	461.7				
461.5	461.6	461.6	461.6	461.6	461.6	461.5	461.5
461.3	461.5	461.4	461.4	461.4	461.4	461.4	461.4
461.2	461.3	461.3	461.3	461.2	461.2	461.2	461.2
461.0	461.1	461.1	461.1	461.1	461.0	461.0	461.0
460.8	460.9	460.9	460.9	460.9	460.9	460.8	460.8
460.6	460.8	460.7	460.7	460.7	460.7	460.7	460.7
460.5	460.6	460.6	460.5	460.5	460.5	460.5	460.5
460.3	460.4	460.4	460.4	460.4	460.3	460.3	460.3
460.1	460.2	460.2	460.2	460.2	460.2	460.1	460.1
459.9	460.1	460.0	460.0	460.0	460.0	460.0	459.9
459.8	459.9	459.9	459.8	459.8	459.8	459.8	459.8
459.6	459.7	459.7	459.7	459.6	459.6	459.6	459.6
459.4	459.5	459.5	459.5	459.5	459.5	459.4	459.4
459.2	459.3	459.3	459.3	459.3	459.3	459.3	459.2
459.0	459.2	459.2	459.1	459.1	459.1	459.1	459.1
458.9	459.0	459.0	459.0	458.9	458.9	458.9	458.9
458.7	458.8	458.8	458.8	458.8	458.7	458.7	458.7
458.5	458.6	458.6	458.6	458.6	458.6	458.6	458.5
458.3	458.5	458.4	458.4	458.4	458.4	458.4	458.4
458.2	458.3	458.3	458.3	458.2	458.2	458.2	458.2
458.0	458.1	458.1	458.1	458.1	458.0	458.0	458.0
457.8	457.9	457.9	457.9	457.9	457.9	457.8	457.8
457.6	457.8	457.7	457.7	457.7	457.7	457.7	457.7
457.5	457.6	457.6	457.5	457.5	457.5	457.5	457.5
457.3	457.4	457.4	457.4	457.4	457.3	457.3	457.3
457.1	457.2	457.2	457.2	457.2	457.2	457.1	457.1
456.9	457.1	457.0	457.0	457.0	457.0	457.0	457.0
456.8	456.9	456.9	456.8	456.8	456.8	456.8	456.8
456.6	456.7	456.7	456.7	456.6	456.6	456.6	456.6
456.4	456.6	456.5	456.5	456.5	456.5	456.4	456.4
456.2	456.4	456.3	456.3	456.3	456.3	456.3	456.2
456.1	456.2	456.2	456.1	456.1	456.1	456.1	456.1
456.0	456.0	456.0	456.0				

SECTION_A_DESIGN_CASE_NOD3							
456.0	456.0	456.0	455.9	455.9	455.9	455.9	455.9
455.9	455.9	455.8	455.8	455.8	455.8	455.7	455.7
455.8	455.8	455.7	455.7	455.7	455.7	455.6	455.6
455.7	455.7	455.6	455.6	455.6	455.6	455.6	455.5
455.6	455.6	455.5	455.5	455.5	455.5	455.4	455.4
455.5	455.5	455.4	455.4	455.4	455.4	455.4	455.4
455.4	455.4	455.3	455.3	455.3	455.3	455.2	455.2
455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
455.2	455.1	455.1	455.1	455.0	455.0	455.0	454.9
455.1	455.1	455.1	455.0	455.0	455.0	455.0	454.9
454.9	454.8	454.7	454.7	454.7	454.7	454.7	454.7
454.8	454.8	454.5	454.5	454.4	454.3	454.1	453.9
454.7	454.6	454.5	454.4	454.4	454.3	454.1	453.9
454.6	453.7	453.6	453.6	453.6	453.6	453.6	453.6
453.8	453.7	453.3	453.3	453.2	453.1	453.0	452.9
453.7	453.4	453.3	453.3	453.2	453.1	453.0	452.9
453.6	452.6	452.5	452.4	452.4	452.4	452.4	452.4
452.6	452.3	452.2	452.2	452.0	451.9	451.8	451.7
452.3	451.5	451.3	451.2	451.2	451.2	451.2	451.2
451.5	451.1	451.0	451.0	450.9	450.8	450.6	450.5
451.1	450.3	450.2	450.1	450.1	450.1	450.1	450.1
450.3	449.9	449.8	449.7	449.7	449.6	449.5	449.4
449.9	449.1	449.0	448.9	448.9	448.9	448.9	448.9
449.1	448.8	448.7	448.7	448.5	448.4	448.3	448.2
448.8	448.0	447.8	447.7	447.7	447.7	447.7	447.7
448.0	447.6	447.5	447.4	447.4	447.3	447.1	447.0
447.6	446.8	446.7	446.6	446.6	446.6	446.6	446.6
446.8	446.4	446.3	446.2	446.2	446.1	446.0	445.9
446.4	445.6	445.5	445.4	445.4	445.4	445.4	445.4
445.6	445.3	445.2	445.2	445.0	444.9	444.8	444.7
445.3	444.5	444.3	444.2	444.2	444.2	444.2	444.2
444.5	444.1	444.0	443.9	443.9	443.8	443.6	443.5
444.1	443.3	443.2	443.1	443.1	443.1	443.1	443.1
443.3							

READING ON UNIT	INITIAL HEAD FOR LAYER 74 10 WITH FORMAT: (10G12.5)						
1	2	3	4	5	6	7	
8	9	10	11	12	13	14	15
11	12	13	14	15	16	17	18
18	19	20	21	22	23	24	25
21	22	23	24	25	26	27	28
28	29	30	31	32	33	34	35
31	32	33	34	35	36	37	38
38	39	40	41	42	43	44	45
41	42	43	44	45	46	47	48
48	49	50	51	52	53	54	55
51	52	53	54	55	56	57	58
58	59	60	61	62	63	64	65
61	62	63	64	65	66	67	68
68	69	70	71	72	73	74	75
71	72	73	74	75	76	77	78
78	79	80	81	82	83	84	85
81	82	83	84	85	86	87	88
88	89	90	91	92	93	94	95
91	92	93	94	95	96	97	98
98	99	100	101	102	103	104	105
101	102	103	104	105	106	107	108
108	109	110	111	112	113	114	115
111	112	113	114	115	116	117	118
118	119	120	121	122	123	124	125
121	122	123	124	125	126	127	128
128	129	130	131	132	133	134	135
131	132	133	134	135	136	137	

## SECTION\_A\_DESIGN\_CASE\_NOD3

138		139	140					
	141	142	143	144	145	146	147	
148		149	150					
	151	152	153	154	155	156	157	
158		159	160					
	161	162	163	164	165	166	167	
168		169	170					
	171	172	173	174	175	176	177	
178		179	180					
	181	182	183	184	185	186	187	
188		189	190					
	191	192	193	194	195	196	197	
198		199	200					
	201	202	203	204	205	206	207	
208		209	210					
	211	212	213	214	215	216	217	
218		219	220					
	221	222	223	224	225	226	227	
228		229	230					
	231	232	233	234	235	236	237	
238		239	240					
	241	242	243	244	245	246	247	
248		249	250					
	251	252	253	254	255	256	257	
258		259	260					
	261	262	263	264	265	266	267	
268		269	270					
	271	272	273	274	275	276	277	
278		279	280					
	281	282	283	284	285	286	287	
288		289	290					
	291	292	293	294	295	296	297	
298		299	300					
	301	302	303	304	305	306	307	
308		309	310					
	311	312	313	314	315	316	317	
318		319	320					
	321	322	323	324	325	326	327	
328		329	330					
	331	332	333	334	335	336	337	
338		339	340					
	341	342	343	344	345	346	347	
348		349	350					
	351	352	353	354	355	356	357	
358		359	360					
	361	362	363	364	365	366	367	
368		369	370					
	371	372	373	374	375	376	377	
378		379	380					
	381	382	383	384	385	386	387	
388		389	390					
	391	392	393	394	395	396	397	
398		399	400					
	401	402	403	404	405	406	407	
408		409	410					
	411	412	413	414	415	416	417	
418		419	420					
	421	422	423	424	425	426	427	
428		429	430					
	431	432	433	434	435	436	437	
438		439	440					
	441	442	443	444	445	446	447	
448		449	450					
	451	452	453	454	455	456	457	
458		459	460					



## SECTION\_A\_DESIGN\_CASE\_NOD3

461	462	463	464	465	466	467
468	469	470	473	474	475	476
478	479	480	483	484	485	486
488	489	490	493	494	495	496
498	499	500				

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1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.7	461.7	461.7
	461.8	461.8	461.8	461.8	461.7	461.7	461.7
	461.7	461.7	461.7	461.7	461.6	461.6	461.6
	461.6	461.6	461.6	461.6	461.6	461.6	461.5
	461.5	461.5	461.5	461.5	461.6	461.6	461.5
	461.5	461.4	461.4	461.4	461.4	461.4	461.4
	461.3	461.3	461.3	461.3	461.4	461.4	461.4
	461.3	461.3	461.3	461.3	461.2	461.2	461.2
	461.2	461.1	461.1	461.1	461.2	461.2	461.2
	461.1	461.1	461.1	461.1	461.1	461.0	461.0
	461.0	461.0	461.0	461.0	461.0	461.0	461.0
	460.9	460.9	460.9	460.9	460.9	460.9	460.8
	460.8	460.8	460.8	460.8	460.9	460.9	460.8
	460.8	460.7	460.7	460.7	460.7	460.7	460.7
	460.6	460.6	460.6	460.6	460.7	460.7	460.7
	460.6	460.6	460.5	460.5	460.7	460.7	460.7
	460.5	460.4	460.4	460.5	460.5	460.5	460.5
	460.4	460.4	460.4	460.4	460.5	460.5	460.5
	460.4	460.4	460.4	460.4	460.3	460.3	460.3
	460.3	460.3	460.2	460.2	460.3	460.3	460.3
	460.2	460.2	460.2	460.2	460.2	460.2	460.1
	460.1	460.1	460.1	460.1	460.2	460.2	460.1
	460.1	460.0	460.0	460.0	460.2	460.1	460.1
	459.9	459.9	459.9	460.0	460.0	460.0	459.9
	459.9	459.9	459.9	459.9	460.0	460.0	460.0
	459.9	459.9	459.8	459.8	460.0	460.0	459.9
	459.8	459.7	459.7	459.8	459.8	459.8	459.8
	459.8	459.7	459.7	459.7	459.8	459.8	459.8
	459.7	459.7	459.7	459.7	459.8	459.8	459.8
	459.6	459.6	459.5	459.6	459.6	459.6	459.6
	459.6	459.6	459.5	459.6	459.6	459.6	459.6
	459.5	459.5	459.5	459.5	459.6	459.6	459.6
	459.5	459.5	459.5	459.5	459.6	459.6	459.6
	459.4	459.4	459.4	459.5	459.5	459.4	459.4
	459.4	459.3	459.3	459.3	459.5	459.4	459.4
	459.3	459.3	459.3	459.3	459.5	459.3	459.2
	459.2	459.2	459.2	459.3	459.3	459.3	459.2
	459.2	459.2	459.1	459.3	459.3	459.3	459.2
	459.2	459.2	459.1	459.3	459.3	459.3	459.2
	459.0	459.0	459.0	459.1	459.1	459.1	459.1
	459.0	459.0	459.0	459.1	459.1	459.1	459.1
	459.0	459.0	459.0	459.0	459.1	459.1	459.1
	458.9	458.9	458.8	458.9	458.9	458.9	458.9
	458.9	458.9	458.8	458.9	458.9	458.9	458.9
	458.8	458.8	458.8	458.8	458.9	458.9	458.9
	458.8	458.8	458.8	458.8	458.7	458.7	458.7
	458.7	458.7	458.7	458.8	458.7	458.7	458.7
	458.7	458.6	458.6	458.7	458.7	458.7	458.7
	458.6	458.6	458.6	458.6	458.6	458.6	458.5
	458.5	458.5	458.5	458.6	458.6	458.6	458.5
	458.5	458.4	458.4	458.4	458.6	458.6	458.5
	458.5	458.4	458.4	458.4	458.4	458.4	458.4
	458.3	458.3	458.3	458.4	458.4	458.4	458.4
	458.3	458.3	458.3	458.4	458.4	458.4	458.4
	458.3	458.3	458.3	458.2	458.2	458.2	458.2
	458.2	458.1	458.1	458.2	458.2	458.2	458.2
	458.2	458.1	458.1	458.2	458.2	458.2	458.2
	458.1	458.1	458.1	458.1	458.2	458.2	458.2
	458.1	458.1	458.1	458.1	458.0	458.0	458.0
	458.0	458.0	458.0	458.1	458.0	458.0	458.0
	457.9	457.9	457.9	458.0	458.0	458.0	458.0
	457.9	457.9	457.9	457.9	457.9	457.9	457.8
	457.8	457.8	457.8	457.9	457.9	457.8	457.8
	457.8	457.7	457.7	457.8	457.7	457.7	457.7
	457.8	457.7	457.7	457.7	457.7	457.7	457.7
	457.6	457.6	457.6	457.7	457.7	457.7	457.7
	457.6	457.6	457.5	457.6	457.5	457.5	457.5
	457.6	457.6	457.5	457.5	457.5	457.5	457.5
	457.5	457.4	457.4	457.5	457.5	457.5	457.5
	457.5	457.4	457.4	457.4	457.5	457.5	457.5
	457.4	457.4	457.4	457.4	457.3	457.3	457.3
	457.4	457.4	457.4	457.4	457.3	457.3	457.3
	457.3	457.3	457.2	457.3	457.3	457.3	457.3

SECTION_A_DESIGN_CASE_NOD3							
457.2	457.2	457.2	457.2	457.2	457.2	457.1	457.1
457.1	457.1	457.1	457.1	457.1	457.1	457.0	457.0
456.9	456.9	456.9	456.9	456.9	456.9	456.8	456.8
456.8	456.7	456.7	456.7	456.7	456.7	456.6	456.6
456.6	456.6	456.6	456.6	456.6	456.6	456.5	456.5
456.4	456.4	456.4	456.4	456.4	456.4	456.3	456.3
456.2	456.2	456.2	456.2	456.2	456.2	456.1	456.1
456.1	456.0	456.0	456.0	456.0	456.0	455.9	455.9
455.9	455.9	455.9	455.9	455.9	455.9	455.8	455.8
455.7	455.7	455.7	455.7	455.7	455.7	455.7	455.7
455.6	455.6	455.6	455.6	455.6	455.6	455.6	455.6
455.5	455.5	455.5	455.5	455.5	455.5	455.4	455.4
455.3	455.3	455.3	455.3	455.3	455.3	455.2	455.2
455.2	455.1	455.1	455.1	455.1	455.1	455.0	455.0
454.9	454.8	454.8	454.7	454.7	454.7	454.6	454.6
453.8	453.7	453.7	453.6	453.6	453.6	453.5	453.5
453.4	453.3	453.3	453.2	453.2	453.2	453.1	453.1
452.6	452.5	452.5	452.4	452.4	452.4	452.3	452.3
451.5	451.3	451.3	451.2	451.2	451.2	451.1	451.1
450.3	450.2	450.2	450.1	450.1	450.1	450.0	450.0
449.9	449.8	449.8	449.7	449.7	449.7	449.6	449.6
449.1	449.0	449.0	448.9	448.9	448.9	448.8	448.8
448.8	448.7	448.7	448.6	448.6	448.6	448.5	448.5
448.0	447.8	447.8	447.7	447.7	447.7	447.6	447.6
447.6	447.5	447.5	447.4	447.4	447.4	447.3	447.3
446.8	446.7	446.7	446.6	446.6	446.6	446.5	446.5
446.4	446.3	446.3	446.2	446.2	446.2	446.1	446.1
445.6	445.5	445.5	445.4	445.4	445.4	445.3	445.3
445.3	445.2	445.2	445.1	445.1	445.1	445.0	445.0
444.5	444.3	444.3	444.2	444.2	444.2	444.1	444.1
444.1	444.0	444.0	443.9	443.9	443.9	443.8	443.8
443.3	443.2	443.2	443.1	443.1	443.1	443.0	443.0

READING ON UNIT	INITIAL HEAD FOR LAYER 75 10 WITH FORMAT: (10G12.5)						
1	2	3	4	5	6	7	
8	9	10	11	12	13	14	
18	19	20	21	22	23	24	
28	29	30	31	32	33	34	
38	39	40	41	42	43	44	
48	49	50	51	52	53	54	
58	59	60	61	62	63	64	
61	62	63	64	65	66	67	

## SECTION\_A\_DESIGN\_CASE\_NOD3

68		69		70									
	71		72		73		74		75		76		77
78		79		80									
	81		82		83		84		85		86		87
88		89		90									
	91		92		93		94		95		96		97
98		99		100									
	101		102		103		104		105		106		107
108		109		110									
	111		112		113		114		115		116		117
118		119		120									
	121		122		123		124		125		126		127
128		129		130									
	131		132		133		134		135		136		137
138		139		140									
	141		142		143		144		145		146		147
148		149		150									
	151		152		153		154		155		156		157
158		159		160									
	161		162		163		164		165		166		167
168		169		170									
	171		172		173		174		175		176		177
178		179		180									
	181		182		183		184		185		186		187
188		189		190									
	191		192		193		194		195		196		197
198		199		200									
	201		202		203		204		205		206		207
208		209		210									
	211		212		213		214		215		216		217
218		219		220									
	221		222		223		224		225		226		227
228		229		230									
	231		232		233		234		235		236		237
238		239		240									
	241		242		243		244		245		246		247
248		249		250									
	251		252		253		254		255		256		257
258		259		260									
	261		262		263		264		265		266		267
268		269		270									
	271		272		273		274		275		276		277
278		279		280									
	281		282		283		284		285		286		287
288		289		290									
	291		292		293		294		295		296		297
298		299		300									
	301		302		303		304		305		306		307
308		309		310									
	311		312		313		314		315		316		317
318		319		320									
	321		322		323		324		325		326		327
328		329		330									
	331		332		333		334		335		336		337
338		339		340									
	341		342		343		344		345		346		347
348		349		350									
	351		352		353		354		355		356		357
358		359		360									
	361		362		363		364		365		366		367
368		369		370									
	371		372		373		374		375		376		377
378		379		380									
	381		382		383		384		385		386		387
388		389		390									

## SECTION\_A\_DESIGN\_CASE\_NOD3

391	392	393	394	395	396	397
398	399	400	403	404	405	406
401	402	410	413	414	415	416
408	409	420	423	424	425	426
411	412	430	433	434	435	436
418	419	440	443	444	445	446
421	422	450	453	454	455	456
428	429	460	463	464	465	466
431	432	470	473	474	475	476
438	439	480	483	484	485	486
441	442	490	493	494	495	496
448	449	500				
451	452					
458	459					
461	462					
468	469					
471	472					
478	479					
481	482					
488	489					
491	492					
498	499					

1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.7	461.7	461.7
	461.8	461.8	461.8	461.8	461.7	461.7	461.7
	461.7	461.7	461.7	461.6	461.6	461.5	461.5
	461.6	461.6	461.6	461.6	461.6	461.5	461.5
	461.5	461.5	461.5	461.4	461.4	461.4	461.4
	461.5	461.4	461.4	461.4	461.4	461.4	461.4
	461.3	461.3	461.3	461.3	461.2	461.2	461.2
	461.3	461.3	461.3	461.2	461.2	461.2	461.2
	461.2	461.1	461.1	461.1	461.0	461.0	461.0
	461.1	461.1	461.1	461.1	461.0	461.0	461.0
	461.0	461.0	461.0	460.9	460.9	460.8	460.8
	460.9	460.9	460.9	460.9	460.9	460.8	460.8
	460.8	460.8	460.8	460.7	460.7	460.7	460.7
	460.8	460.7	460.7	460.7	460.7	460.7	460.7
	460.6	460.6	460.6	460.5	460.5	460.5	460.5
	460.6	460.6	460.5	460.5	460.5	460.5	460.5
	460.5	460.4	460.4	460.4	460.3	460.3	460.3
	460.4	460.4	460.4	460.4	460.3	460.3	460.3
	460.3	460.3	460.2	460.2	460.2	460.1	460.1
	460.2	460.2	460.2	460.2	460.2	460.1	460.1
	460.1	460.1	460.1	460.1	460.1	460.0	460.0
	460.1	460.0	460.0	460.0	460.0	460.0	459.9
	459.9	459.9	459.9	459.8	459.8	459.8	459.8
	459.9	459.9	459.8	459.8	459.8	459.8	459.8
	459.8	459.7	459.7	459.7	459.6	459.6	459.6
	459.7	459.7	459.7	459.6	459.6	459.6	459.6
	459.6	459.6	459.5	459.5	459.5	459.4	459.4
	459.5	459.5	459.5	459.5	459.5	459.4	459.4
	459.4	459.4	459.4	459.3	459.3	459.3	459.2
	459.3	459.3	459.3	459.3	459.3	459.3	459.2
	459.2	459.2	459.2	459.1	459.1	459.1	459.1
	459.2	459.2	459.1	459.1	459.1	459.1	459.1
	459.0	459.0	459.0	458.9	458.9	458.9	458.9
	459.0	459.0	459.0	458.9	458.9	458.9	458.9
	458.9	458.9	458.8	458.8	458.7	458.7	458.7
	458.8	458.8	458.8	458.8	458.7	458.7	458.7
	458.7	458.7	458.7	458.6	458.6	458.6	458.5
	458.6	458.6	458.6	458.6	458.6	458.6	458.5
	458.5	458.5	458.5				

SECTION_A_DESIGN_CASE_NOD3							
458.5	458.4	458.4	458.4	458.4	458.4	458.4	458.4
458.3	458.3	458.3	458.3	458.2	458.2	458.2	458.2
458.2	458.1	458.1	458.1	458.1	458.0	458.0	458.0
458.0	458.0	458.0	457.9	457.9	457.9	457.8	457.8
457.8	457.8	457.8	457.7	457.7	457.7	457.7	457.7
457.6	457.6	457.6	457.5	457.5	457.5	457.5	457.5
457.5	457.4	457.4	457.4	457.4	457.3	457.3	457.3
457.3	457.3	457.2	457.2	457.2	457.2	457.1	457.1
457.1	457.1	457.1	457.0	457.0	457.0	457.0	457.0
456.9	456.9	456.9	456.8	456.8	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.6	456.6	456.6	456.6
456.6	456.6	456.5	456.5	456.5	456.5	456.4	456.4
456.5	456.5	456.5	456.5	456.5	456.5	456.4	456.4
456.4	456.4	456.3	456.3	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.1	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	455.9	455.9	455.9	455.9
455.9	455.9	455.8	455.8	455.8	455.8	455.7	455.7
455.8	455.8	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.7	455.7	455.6	455.6	455.6	455.6	455.5
455.6	455.6	455.6	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.5	455.4	455.4	455.4	455.4
455.5	455.5	455.5	455.4	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
455.2	455.1	455.1	455.1	455.0	455.0	455.0	454.9
455.1	455.1	455.0	455.0	455.0	455.0	455.0	454.9
454.9	454.8	454.7	454.7	454.3	454.1	454.0	453.9
454.6	454.5	454.4	454.4	454.3	454.1	454.0	453.9
453.8	453.7	453.6	453.6	453.1	453.0	452.9	452.7
453.4	453.3	453.2	453.2	453.1	453.0	452.9	452.7
452.6	452.5	452.4	452.4	451.9	451.8	451.7	451.6
452.3	452.2	452.0	452.0	451.9	451.8	451.7	451.6
451.5	451.3	451.2	451.2	450.8	450.6	450.5	450.4
451.1	451.0	450.9	450.9	450.8	450.6	450.5	450.4
450.3	450.2	450.1	450.1	449.6	449.5	449.4	449.2
449.9	449.8	449.7	449.7	449.6	449.5	449.4	449.2
449.1	449.0	448.9	448.9	448.4	448.3	448.2	448.1
448.8	448.7	448.5	448.5	448.4	448.3	448.2	448.1
448.0	447.8	447.7	447.7	447.3	447.1	447.0	446.9
447.6	447.5	447.4	447.4	447.3	447.1	447.0	446.9
446.8	446.7	446.6	446.6	446.1	446.0	445.9	445.7
446.4	446.3	446.2	446.2	446.1	446.0	445.9	445.7
445.6	445.5	445.4	445.4	444.9	444.8	444.7	444.6
445.3	445.2	445.0	445.0	444.9	444.8	444.7	444.6
444.5	444.3	444.2	444.2	443.8	443.6	443.5	443.4
444.1	444.0	443.9	443.9	443.8	443.6	443.5	443.4
443.3	443.2	443.1	443.1	443.8	443.6	443.5	443.4

INITIAL HEAD FOR LAYER 76  
 READING ON UNIT 10 WITH FORMAT: (10G12.5)

## SECTION\_A\_DESIGN\_CASE\_NOD3

	1	2	3	4	5	6	7
8	11	12	13	14	15	16	17
18	21	22	23	24	25	26	27
28	31	32	33	34	35	36	37
38	41	42	43	44	45	46	47
48	51	52	53	54	55	56	57
58	61	62	63	64	65	66	67
68	71	72	73	74	75	76	77
78	81	82	83	84	85	86	87
88	91	92	93	94	95	96	97
98	101	102	103	104	105	106	107
108	111	112	113	114	115	116	117
118	121	122	123	124	125	126	127
128	131	132	133	134	135	136	137
138	141	142	143	144	145	146	147
148	151	152	153	154	155	156	157
158	161	162	163	164	165	166	167
168	171	172	173	174	175	176	177
178	181	182	183	184	185	186	187
188	191	192	193	194	195	196	197
198	201	202	203	204	205	206	207
208	211	212	213	214	215	216	217
218	221	222	223	224	225	226	227
228	231	232	233	234	235	236	237
238	241	242	243	244	245	246	247
248	251	252	253	254	255	256	257
258	261	262	263	264	265	266	267
268	271	272	273	274	275	276	277
278	281	282	283	284	285	286	287
288	291	292	293	294	295	296	297
298	301	302	303	304	305	306	307
308	311	312	313	314	315	316	317
318							

SECTION\_A\_DESIGN\_CASE\_NOD3

321	322	323	324	325	326	327
328	329	330	331	332	333	334
338	339	340	341	342	343	344
348	349	350	351	352	353	354
358	359	360	361	362	363	364
368	369	370	371	372	373	374
378	379	380	381	382	383	384
388	389	390	391	392	393	394
398	399	400	401	402	403	404
408	409	410	411	412	413	414
418	419	420	421	422	423	424
428	429	430	431	432	433	434
438	439	440	441	442	443	444
448	449	450	451	452	453	454
458	459	460	461	462	463	464
468	469	470	471	472	473	474
478	479	480	481	482	483	484
488	489	490	491	492	493	494
498	499	500				

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1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.7	461.7	461.7
	461.8	461.8	461.7	461.7	461.6	461.6	461.6
	461.7	461.7	461.6	461.6	461.5	461.5	461.5
	461.6	461.6	461.5	461.5	461.4	461.4	461.4
	461.5	461.5	461.4	461.4	461.3	461.3	461.3
	461.5	461.4	461.3	461.3	461.2	461.2	461.2
	461.3	461.3	461.3	461.3	461.2	461.2	461.2
	461.3	461.3	461.3	461.3	461.2	461.2	461.2
	461.2	461.1	461.1	461.1	461.1	461.0	461.0
	461.2	461.1	461.1	461.1	461.1	461.0	461.0
	461.1	461.1	461.1	461.1	461.0	461.0	461.0
	461.0	461.0	461.0	461.0	460.9	460.8	460.8
	460.9	460.9	460.9	460.9	460.9	460.8	460.8
	460.8	460.8	460.8	460.8	460.7	460.7	460.7
	460.8	460.7	460.7	460.7	460.7	460.7	460.7
	460.6	460.6	460.6	460.6	460.5	460.5	460.5
	460.6	460.6	460.6	460.5	460.5	460.5	460.5
	460.5	460.4	460.4	460.4	460.4	460.3	460.3
	460.5	460.4	460.4	460.4	460.4	460.3	460.3
	460.4	460.4	460.4	460.4	460.3	460.3	460.3
	460.3	460.3	460.2	460.2	460.2	460.1	460.1
	460.3	460.2	460.2	460.2	460.2	460.1	460.1
	460.1	460.1	460.1	460.1	460.0	460.0	460.0
	460.1	460.0	460.0	460.0	460.0	460.0	459.9
	459.9	459.9	459.9	459.9	459.8	459.8	459.8
	459.9	459.9	459.8	459.8	459.8	459.8	459.8
	459.8	459.7	459.7				

SECTION\_A\_DESIGN\_CASE\_NOD3

459.7	459.7	459.7	459.6	459.6	459.6	459.6
459.6	459.6	459.5	459.5	459.5	459.4	459.4
459.5	459.5	459.4	459.4	459.4	459.3	459.2
459.4	459.4	459.3	459.3	459.3	459.3	459.1
459.3	459.3	459.2	459.2	459.1	459.1	459.1
459.2	459.2	459.2	459.1	459.1	459.1	459.1
459.2	459.2	459.0	459.0	458.9	458.9	458.9
459.0	459.0	459.0	459.0	458.9	458.9	458.9
458.9	458.9	458.8	458.8	458.8	458.7	458.7
458.8	458.8	458.8	458.8	458.7	458.7	458.7
458.7	458.7	458.7	458.7	458.6	458.6	458.5
458.6	458.6	458.6	458.6	458.6	458.6	458.6
458.5	458.5	458.5	458.5	458.4	458.4	458.4
458.5	458.4	458.4	458.4	458.4	458.4	458.4
458.3	458.3	458.3	458.3	458.2	458.2	458.2
458.3	458.3	458.3	458.3	458.2	458.2	458.2
458.2	458.1	458.1	458.1	458.1	458.0	458.0
458.1	458.1	458.1	458.1	458.1	458.0	458.0
458.0	458.0	458.0	458.0	457.9	457.9	457.8
457.9	457.9	457.9	457.9	457.9	457.8	457.8
457.8	457.8	457.8	457.8	457.7	457.7	457.7
457.8	457.7	457.7	457.7	457.7	457.7	457.7
457.6	457.6	457.6	457.6	457.5	457.5	457.5
457.6	457.6	457.5	457.5	457.5	457.5	457.5
457.5	457.4	457.4	457.4	457.4	457.3	457.3
457.4	457.4	457.4	457.4	457.4	457.3	457.3
457.3	457.3	457.2	457.2	457.2	457.1	457.1
457.2	457.2	457.2	457.2	457.2	457.1	457.1
457.1	457.1	457.1	457.1	457.0	457.0	457.0
457.1	457.0	457.0	457.0	457.0	457.0	457.0
456.9	456.9	456.9	456.9	456.8	456.8	456.8
456.9	456.9	456.8	456.8	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.6	456.6	456.6
456.7	456.7	456.7	456.6	456.6	456.6	456.6
456.6	456.6	456.5	456.5	456.5	456.4	456.4
456.5	456.5	456.5	456.5	456.5	456.4	456.4
456.4	456.4	456.4	456.4	456.3	456.3	456.2
456.4	456.3	456.3	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.2	456.1	456.1	456.1
456.2	456.2	456.1	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	455.9	455.9	455.9
456.0	456.0	456.0	455.9	455.9	455.9	455.9
455.9	455.9	455.8	455.8	455.8	455.7	455.7
455.8	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.7	455.7	455.6	455.6	455.6	455.5
455.6	455.6	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.5	455.4	455.4	455.4
455.5	455.5	455.4	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.2	455.2	455.2
455.3	455.3	455.3	455.3	455.2	455.2	455.2
455.2	455.1	455.1	455.1	455.0	455.0	454.9
455.1	455.1	455.0	455.0	455.0	455.0	454.9
454.9	454.8	454.7	454.7	454.3	454.1	453.9
454.6	454.5	454.4	454.4	454.3	454.1	453.9
453.8	453.7	453.6	453.6	453.1	453.0	452.7
453.4	453.3	453.2	453.2	453.1	453.0	452.9
452.6	452.5	452.4	452.4	451.9	451.8	451.6
452.3	452.2	452.0	452.0	451.9	451.8	451.6
451.5	451.3	451.2	450.9	450.8	450.6	450.4
451.1	451.0	450.9	450.9	450.8	450.6	450.4
450.3	450.2	450.1	449.7	449.6	449.5	449.2
449.9	449.8	449.7	449.7	449.6	449.5	449.2
449.1	449.0	448.9	448.9	448.4	448.3	448.1
448.8	448.7	448.5	448.5	448.4	448.3	448.1



SECTION_A_DESIGN_CASE_NOD3								
448.0	447.8	447.7	447.7	447.4	447.3	447.1	447.0	446.9
446.8	446.7	446.6	446.6	446.2	446.1	446.0	445.9	445.7
445.6	445.5	445.4	445.4	445.0	444.9	444.8	444.7	444.6
444.5	444.3	444.2	444.2	443.9	443.8	443.6	443.5	443.4
443.3	443.2	443.1	443.1					

READING ON UNIT	INITIAL HEAD FOR LAYER 77							
	10	WITH FORMAT: (10G12.5)						
	1	2	3	4	5	6	7	
8	11	12	10	13	14	15	16	17
18	21	22	20	23	24	25	26	27
28	31	32	30	33	34	35	36	37
38	41	42	40	43	44	45	46	47
48	51	52	50	53	54	55	56	57
58	61	62	60	63	64	65	66	67
68	71	72	70	73	74	75	76	77
78	81	82	80	83	84	85	86	87
88	91	92	90	93	94	95	96	97
98	101	102	100	103	104	105	106	107
108	111	112	110	113	114	115	116	117
118	121	122	120	123	124	125	126	127
128	131	132	130	133	134	135	136	137
138	141	142	140	143	144	145	146	147
148	151	152	150	153	154	155	156	157
158	161	162	160	163	164	165	166	167
168	171	172	170	173	174	175	176	177
178	181	182	180	183	184	185	186	187
188	191	192	190	193	194	195	196	197
198	201	202	200	203	204	205	206	207
208	211	212	210	213	214	215	216	217
218	221	222	220	223	224	225	226	227
228	231	232	230	233	234	235	236	237
238	241	242	240	243	244	245	246	247
248	249	250						

## SECTION\_A\_DESIGN\_CASE\_NOD3

251	252	253	254	255	256	257
258	259	260	261	262	263	264
268	269	270	271	272	273	274
278	279	280	281	282	283	284
288	289	290	291	292	293	294
298	299	300	301	302	303	304
308	309	310	311	312	313	314
318	319	320	321	322	323	324
328	329	330	331	332	333	334
338	339	340	341	342	343	344
348	349	350	351	352	353	354
358	359	360	361	362	363	364
368	369	370	371	372	373	374
378	379	380	381	382	383	384
388	389	390	391	392	393	394
398	399	400	401	402	403	404
408	409	410	411	412	413	414
418	419	420	421	422	423	424
428	429	430	431	432	433	434
438	439	440	441	442	443	444
448	449	450	451	452	453	454
458	459	460	461	462	463	464
468	469	470	471	472	473	474
478	479	480	481	482	483	484
488	489	490	491	492	493	494
498	499	500				

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1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8				
	461.8	461.8	461.8	461.8	461.7	461.7	461.7
	461.7	461.7	461.7				
	461.6	461.6	461.6	461.6	461.6	461.5	461.5
	461.5	461.5	461.5				
	461.5	461.4	461.4	461.4	461.4	461.4	461.4
	461.3	461.3	461.3				
	461.3	461.3	461.3	461.2	461.2	461.2	461.2
	461.2	461.1	461.1				
	461.1	461.1	461.1	461.1	461.0	461.0	461.0
	461.0	461.0	461.0				

## SECTION\_A\_DESIGN\_CASE\_NOD3

460.9	460.9	460.9	460.9	460.9	460.8	460.8
460.8	460.8	460.8	460.8	460.8	460.7	460.7
460.6	460.7	460.7	460.7	460.7	460.7	460.7
460.6	460.6	460.6	460.6	460.7	460.7	460.7
460.6	460.6	460.6	460.5	460.5	460.5	460.5
460.5	460.4	460.4	460.4	460.4	460.5	460.5
460.4	460.4	460.4	460.4	460.4	460.3	460.3
460.3	460.3	460.3	460.2	460.4	460.3	460.3
460.2	460.2	460.2	460.2	460.2	460.3	460.3
460.1	460.1	460.1	460.2	460.2	460.2	460.1
460.1	460.1	460.1	460.1	460.2	460.2	460.1
459.9	460.0	460.0	460.0	460.0	460.1	460.1
459.9	459.9	459.9	460.0	460.0	460.0	459.9
459.8	459.9	459.9	459.8	460.0	460.0	459.9
459.8	459.7	459.7	459.7	459.8	459.8	459.8
459.7	459.7	459.7	459.7	459.8	459.8	459.8
459.6	459.7	459.7	459.7	459.6	459.6	459.6
459.6	459.6	459.5	459.5	459.6	459.6	459.6
459.5	459.5	459.5	459.5	459.5	459.4	459.4
459.4	459.4	459.4	459.4	459.5	459.4	459.4
459.3	459.3	459.3	459.3	459.5	459.4	459.4
459.2	459.3	459.3	459.3	459.3	459.3	459.2
459.2	459.2	459.2	459.2	459.3	459.3	459.2
459.2	459.2	459.2	459.1	459.3	459.3	459.2
459.0	459.2	459.1	459.1	459.1	459.1	459.1
459.0	459.0	459.0	459.0	459.1	459.1	459.1
458.9	459.0	459.0	459.0	458.9	458.9	458.9
458.9	458.9	458.8	458.8	458.9	458.9	458.9
458.8	458.8	458.8	458.8	458.7	458.7	458.7
458.7	458.7	458.7	458.7	458.8	458.7	458.7
458.6	458.6	458.6	458.6	458.6	458.6	458.5
458.5	458.5	458.5	458.5	458.6	458.6	458.5
458.5	458.4	458.4	458.4	458.6	458.6	458.5
458.3	458.4	458.4	458.4	458.4	458.4	458.4
458.3	458.3	458.3	458.3	458.4	458.4	458.4
458.3	458.3	458.3	458.3	458.4	458.4	458.4
458.2	458.3	458.3	458.3	458.2	458.2	458.2
458.2	458.1	458.1	458.1	458.2	458.2	458.2
458.1	458.1	458.1	458.1	458.1	458.1	458.1
458.1	458.1	458.1	458.1	458.0	458.0	458.0
458.0	458.0	458.0	458.0	458.1	458.0	458.0
457.9	457.9	457.9	457.9	458.0	458.0	458.0
457.9	457.9	457.9	457.9	457.9	457.8	457.8
457.8	457.8	457.8	457.8	457.9	457.8	457.8
457.8	457.7	457.7	457.7	457.9	457.7	457.7
457.6	457.6	457.6	457.6	457.7	457.7	457.7
457.6	457.6	457.6	457.5	457.7	457.7	457.7
457.5	457.4	457.4	457.4	457.5	457.5	457.5
457.5	457.4	457.4	457.4	457.5	457.5	457.5
457.4	457.4	457.4	457.4	457.4	457.3	457.3
457.3	457.3	457.3	457.3	457.4	457.3	457.3
457.3	457.2	457.2	457.2	457.3	457.3	457.3
457.2	457.2	457.2	457.2	457.2	457.1	457.1
457.1	457.1	457.1	457.1	457.2	457.1	457.1
457.1	457.0	457.0	457.0	457.2	457.1	457.1
456.9	456.9	456.9	456.9	457.0	457.0	457.0
456.9	456.9	456.9	456.8	457.0	457.0	457.0
456.8	456.8	456.8	456.8	457.0	457.0	457.0
456.8	456.7	456.7	456.7	457.0	457.0	457.0
456.7	456.7	456.7	456.7	456.8	456.8	456.8
456.6	456.6	456.6	456.6	456.8	456.8	456.8
456.6	456.5	456.5	456.5	456.6	456.6	456.6
456.5	456.5	456.5	456.5	456.6	456.6	456.6
456.4	456.4	456.4	456.4	456.5	456.4	456.4
456.4	456.4	456.4	456.3	456.5	456.4	456.4
456.2	456.3	456.3	456.3	456.5	456.4	456.4
456.2	456.2	456.2	456.2	456.3	456.3	456.2
456.2	456.2	456.2	456.2	456.3	456.3	456.2
456.1	456.1	456.1	456.1	456.2	456.3	456.2
456.1	456.0	456.0	456.0	456.1	456.3	456.2
456.0	456.0	456.0	456.0	456.1	456.1	456.1
455.9	456.0	456.0	456.0	456.1	456.1	456.1
455.9	455.9	455.9	455.9	455.9	455.9	455.9
455.8	455.9	455.8	455.8	455.9	455.9	455.9
455.8	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.7	455.7	455.7	455.8	455.7	455.7
455.6	455.6	455.6	455.6	455.8	455.6	455.5
455.5	455.5	455.5	455.5	455.6	455.6	455.5
455.5	455.5	455.4	455.4	455.6	455.6	455.5
455.4	455.4	455.4	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.3	455.4	455.4
455.3	455.3	455.3	455.3	455.2	455.2	455.2
455.2	455.2	455.2	455.2	455.2	455.2	455.2

## SECTION\_A\_DESIGN\_CASE\_NOD3

455.2	455.1	455.1	455.1	455.0	455.0	455.0	455.0	454.9
454.9	454.8	454.8	454.7	454.7	454.7	454.7	454.7	454.7
454.6	454.6	454.5	454.5	454.4	454.3	454.1	454.0	453.9
453.8	453.7	453.7	453.6	453.6	453.6	453.6	453.6	453.6
453.4	453.4	453.3	453.3	453.2	453.1	453.0	452.9	452.7
452.6	452.5	452.5	452.4	452.4	452.4	452.4	452.4	452.4
452.3	452.3	452.2	452.2	452.0	451.9	451.8	451.7	451.6
451.5	451.3	451.3	451.2	451.2	451.2	451.2	451.2	451.2
451.1	451.1	451.0	451.0	450.9	450.8	450.6	450.5	450.4
450.3	450.2	450.2	450.1	450.1	450.1	450.1	450.1	450.1
449.9	449.9	449.8	449.8	449.7	449.6	449.5	449.4	449.2
449.1	449.0	449.0	448.9	448.9	448.9	448.9	448.9	448.9
448.8	448.8	448.7	448.7	448.5	448.4	448.3	448.2	448.1
448.0	447.8	447.8	447.7	447.7	447.7	447.7	447.7	447.7
447.6	447.6	447.5	447.5	447.4	447.3	447.1	447.0	446.9
446.8	446.7	446.7	446.6	446.6	446.6	446.6	446.6	446.6
446.4	446.4	446.3	446.3	446.2	446.1	446.0	445.9	445.7
445.6	445.5	445.5	445.4	445.4	445.4	445.4	445.4	445.4
445.3	445.3	445.2	445.2	445.0	444.9	444.8	444.7	444.6
444.5	444.3	444.3	444.2	444.2	444.2	444.2	444.2	444.2
444.1	444.1	444.0	444.0	443.9	443.8	443.6	443.5	443.4
443.3	443.2	443.2	443.1	443.1	443.1	443.1	443.1	443.1

READING ON UNIT	INITIAL HEAD FOR LAYER 78 WITH FORMAT: (10G12.5)							
1	2	3	4	5	6	7	8	9
8	9	10	11	12	13	14	15	16
18	19	20	21	22	23	24	25	26
28	29	30	31	32	33	34	35	36
38	39	40	41	42	43	44	45	46
48	49	50	51	52	53	54	55	56
58	59	60	61	62	63	64	65	66
68	69	70	71	72	73	74	75	76
78	79	80	81	82	83	84	85	86
88	89	90	91	92	93	94	95	96
98	99	100	101	102	103	104	105	106
108	109	110	111	112	113	114	115	116
118	119	120	121	122	123	124	125	126
128	129	130	131	132	133	134	135	136
138	139	140	141	142	143	144	145	146
148	149	150	151	152	153	154	155	156
158	159	160	161	162	163	164	165	166
168	169	170	171	172	173	174	175	176
178	179	180						

SECTION_A_DESIGN_CASE_NOD3								
181	182	183	184	185	186	187		
188	189	190	191	192	193	194	195	196
198	199	200	201	202	203	204	205	206
208	209	210	211	212	213	214	215	216
218	219	220	221	222	223	224	225	226
228	229	230	231	232	233	234	235	236
238	239	240	241	242	243	244	245	246
248	249	250	251	252	253	254	255	256
258	259	260	261	262	263	264	265	266
268	269	270	271	272	273	274	275	276
278	279	280	281	282	283	284	285	286
288	289	290	291	292	293	294	295	296
298	299	300	301	302	303	304	305	306
308	309	310	311	312	313	314	315	316
318	319	320	321	322	323	324	325	326
328	329	330	331	332	333	334	335	336
338	339	340	341	342	343	344	345	346
348	349	350	351	352	353	354	355	356
358	359	360	361	362	363	364	365	366
368	369	370	371	372	373	374	375	376
378	379	380	381	382	383	384	385	386
388	389	390	391	392	393	394	395	396
398	399	400	401	402	403	404	405	406
408	409	410	411	412	413	414	415	416
418	419	420	421	422	423	424	425	426
428	429	430	431	432	433	434	435	436
438	439	440	441	442	443	444	445	446
448	449	450	451	452	453	454	455	456
458	459	460	461	462	463	464	465	466
468	469	470	471	472	473	474	475	476
478	479	480	481	482	483	484	485	486
488	489	490	491	492	493	494	495	496
498	499	500						

SECTION\_A\_DESIGN\_CASE\_NOD3

1	462.0	462.0	462.0	461.9	461.9	461.9	461.9
	461.9	461.9	461.8				
	461.8	461.8	461.8	461.8	461.7	461.7	461.7
	461.7	461.7	461.7				
	461.6	461.6	461.6	461.6	461.6	461.5	461.5
	461.5	461.5	461.5				
	461.5	461.4	461.4	461.4	461.4	461.4	461.4
	461.3	461.3	461.3				
	461.3	461.3	461.3	461.2	461.2	461.2	461.2
	461.2	461.1	461.1				
	461.1	461.1	461.1	461.1	461.0	461.0	461.0
	461.0	461.0	461.0				
	460.9	460.9	460.9	460.9	460.9	460.8	460.8
	460.8	460.8	460.8				
	460.8	460.7	460.7	460.7	460.7	460.7	460.7
	460.6	460.6	460.6				
	460.6	460.6	460.5	460.5	460.5	460.5	460.5
	460.5	460.4	460.4				
	460.4	460.4	460.4	460.4	460.3	460.3	460.3
	460.3	460.3	460.2				
	460.2	460.2	460.2	460.2	460.2	460.1	460.1
	460.1	460.1	460.1				
	460.1	460.0	460.0	460.0	460.0	460.0	459.9
	459.9	459.9	459.9				
	459.9	459.9	459.8	459.8	459.8	459.8	459.8
	459.8	459.7	459.7				
	459.7	459.7	459.7	459.6	459.6	459.6	459.6
	459.6	459.6	459.5				
	459.5	459.5	459.5	459.5	459.5	459.4	459.4
	459.4	459.4	459.4				
	459.3	459.3	459.3	459.3	459.3	459.3	459.2
	459.2	459.2	459.2				
	459.2	459.2	459.1	459.1	459.1	459.1	459.1
	459.0	459.0	459.0				
	459.0	459.0	459.0	458.9	458.9	458.9	458.9
	458.9	458.9	458.8				
	458.8	458.8	458.8	458.8	458.7	458.7	458.7
	458.7	458.7	458.7				
	458.6	458.6	458.6	458.6	458.6	458.6	458.5
	458.5	458.5	458.5				
	458.5	458.4	458.4	458.4	458.4	458.4	458.4
	458.3	458.3	458.3				
	458.3	458.3	458.3	458.2	458.2	458.2	458.2
	458.2	458.1	458.1				
	458.1	458.1	458.1	458.1	458.0	458.0	458.0
	458.0	458.0	458.0				
	457.9	457.9	457.9	457.9	457.9	457.8	457.8
	457.8	457.8	457.8				
	457.8	457.7	457.7	457.7	457.7	457.7	457.7
	457.6	457.6	457.6				
	457.6	457.6	457.5	457.5	457.5	457.5	457.5
	457.5	457.4	457.4				
	457.4	457.4	457.4	457.4	457.3	457.3	457.3
	457.3	457.3	457.2				
	457.2	457.2	457.2	457.2	457.2	457.1	457.1
	457.1	457.1	457.1				
	457.1	457.0	457.0	457.0	457.0	457.0	457.0
	456.9	456.9	456.9				
	456.9	456.9	456.8	456.8	456.8	456.8	456.8
	456.8	456.7	456.7				
	456.7	456.7	456.7	456.6	456.6	456.6	456.6
	456.6	456.6	456.5				
	456.5	456.5	456.5	456.5	456.5	456.4	456.4

SECTION\_A\_DESIGN\_CASE\_NOD3

456.4	456.4	456.4	456.4	456.3	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.2	456.1	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	456.0	455.9	455.9	455.9	455.9
455.9	455.8	455.8	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.6	455.6	455.6	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.5	455.4	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
455.2	455.1	455.1	455.1	455.0	455.0	455.0	455.0	454.9
454.9	454.8	454.8	454.7	454.7	454.3	454.1	454.0	453.9
453.8	453.7	453.7	453.6	453.6	453.1	453.0	452.9	452.7
452.6	452.5	452.5	452.4	452.4	451.9	451.8	451.7	451.6
451.5	451.3	451.3	451.2	451.2	450.9	450.8	450.6	450.5
450.3	450.2	450.2	450.1	450.1	449.7	449.6	449.5	449.4
449.1	448.8	448.8	448.7	448.7	448.5	448.4	448.3	448.2
448.0	447.8	447.8	447.7	447.7	447.4	447.3	447.1	447.0
446.8	446.7	446.7	446.6	446.6	446.2	446.1	446.0	445.9
445.6	445.5	445.5	445.4	445.4	445.0	444.9	444.8	444.7
444.5	444.3	444.3	444.2	444.2	443.9	443.8	443.6	443.5
443.3	443.2	443.2	443.1	443.1				

READING ON UNIT	INITIAL HEAD FOR LAYER 79 10 WITH FORMAT: (10G12.5)							
	1	2	3	4	5	6	7	
8		9	10					
18	11	12	13	14	15	16	17	
28	21	22	23	24	25	26	27	
38	31	32	33	34	35	36	37	
48	41	42	43	44	45	46	47	
58	51	52	53	54	55	56	57	
68	61	62	63	64	65	66	67	
78	71	72	73	74	75	76	77	
88	81	82	83	84	85	86	87	
98	91	92	93	94	95	96	97	
108	101	102	103	104	105	106	107	
		109	110					

## SECTION\_A\_DESIGN\_CASE\_NOD3

118	111	112	113	114	115	116	117
128	121	122	120	123	124	125	127
138	131	132	130	133	134	135	137
148	141	142	140	143	144	145	147
158	151	152	150	153	154	155	157
168	161	162	160	163	164	165	167
178	171	172	170	173	174	175	177
188	181	182	180	183	184	185	187
198	191	192	190	193	194	195	197
208	201	202	200	203	204	205	207
218	211	212	210	213	214	215	217
228	221	222	220	223	224	225	227
238	231	232	230	233	234	235	237
248	241	242	240	243	244	245	247
258	251	252	250	253	254	255	257
268	261	262	260	263	264	265	267
278	271	272	270	273	274	275	277
288	281	282	280	283	284	285	287
298	291	292	290	293	294	295	297
308	301	302	300	303	304	305	307
318	311	312	310	313	314	315	317
328	321	322	320	323	324	325	327
338	331	332	330	333	334	335	337
348	341	342	340	343	344	345	347
358	351	352	350	353	354	355	357
368	361	362	360	363	364	365	367
378	371	372	370	373	374	375	377
388	381	382	380	383	384	385	387
398	391	392	390	393	394	395	397
408	401	402	400	403	404	405	407
418	411	412	410	413	414	415	417
428	421	422	420	423	424	425	427
	431	432	430	433	434	435	437



## SECTION\_A\_DESIGN\_CASE\_NOD3

438	441	439	442	440	443	444	445	446	447
448	451	449	452	450	453	454	455	456	457
458	461	459	462	460	463	464	465	466	467
468	471	469	472	470	473	474	475	476	477
478	481	479	482	480	483	484	485	486	487
488	491	489	492	490	493	494	495	496	497
498		499		500					

1	462.0	462.0	462.0	461.9	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.7	461.7	461.7	461.7
	461.8	461.7	461.7	461.6	461.6	461.6	461.5	461.5
	461.7	461.6	461.6	461.5	461.5	461.5	461.5	461.5
	461.6	461.5	461.4	461.4	461.4	461.4	461.4	461.4
	461.5	461.4	461.3	461.3	461.3	461.2	461.2	461.2
	461.4	461.3	461.3	461.3	461.2	461.2	461.2	461.2
	461.3	461.3	461.3	461.3	461.2	461.2	461.2	461.2
	461.2	461.1	461.1	461.1	461.1	461.0	461.0	461.0
	461.1	461.1	461.1	461.1	461.1	461.0	461.0	461.0
	461.0	461.0	461.0	461.0	461.0	461.0	461.0	461.0
	460.9	460.9	460.9	460.9	460.9	460.9	460.8	460.8
	460.8	460.8	460.8	460.8	460.7	460.7	460.7	460.7
	460.7	460.7	460.7	460.7	460.7	460.7	460.7	460.7
	460.6	460.6	460.6	460.6	460.5	460.5	460.5	460.5
	460.5	460.6	460.5	460.5	460.5	460.5	460.5	460.5
	460.4	460.4	460.4	460.4	460.4	460.3	460.3	460.3
	460.3	460.4	460.4	460.4	460.4	460.3	460.3	460.3
	460.2	460.3	460.2	460.2	460.2	460.2	460.1	460.1
	460.1	460.2	460.2	460.2	460.2	460.2	460.1	460.1
	460.1	460.1	460.1	460.1	460.1	460.1	460.1	460.1
	460.1	460.0	460.0	460.0	460.0	460.0	460.0	459.9
	459.9	459.9	459.9	459.9	459.8	459.8	459.8	459.8
	459.8	459.9	459.8	459.8	459.8	459.8	459.8	459.8
	459.7	459.7	459.7	459.7	459.7	459.6	459.6	459.6
	459.6	459.7	459.6	459.6	459.6	459.6	459.6	459.6
	459.5	459.6	459.5	459.5	459.5	459.5	459.4	459.4
	459.4	459.5	459.4	459.4	459.4	459.4	459.3	459.3
	459.3	459.4	459.3	459.3	459.3	459.3	459.3	459.2
	459.2	459.3	459.2	459.2	459.2	459.2	459.2	459.2
	459.1	459.2	459.1	459.1	459.1	459.1	459.1	459.1
	459.0	459.1	459.0	459.0	459.0	459.0	459.0	459.0
	458.9	459.0	458.9	458.9	458.9	458.9	458.9	458.9
	458.8	458.9	458.8	458.8	458.8	458.7	458.7	458.7
	458.7	458.8	458.7	458.7	458.7	458.7	458.7	458.7
	458.6	458.7	458.6	458.6	458.6	458.6	458.6	458.5
	458.5	458.6	458.5	458.5	458.5	458.5	458.5	458.5
	458.4	458.5	458.4	458.4	458.4	458.4	458.4	458.4
	458.3	458.4	458.3	458.3	458.3	458.4	458.4	458.4
	458.2	458.3	458.2	458.2	458.2	458.2	458.2	458.2
	458.1	458.2	458.1	458.1	458.1	458.2	458.2	458.2
	458.0	458.1	458.0	458.0	458.1	458.1	458.0	458.0
	457.9	458.0	457.9	457.9	457.9	457.9	457.8	457.8
	457.8	457.9	457.8	457.8	457.8	457.8	457.8	457.8
	457.7	457.8	457.7	457.7	457.7	457.7	457.7	457.7

SECTION\_A\_DESIGN\_CASE\_NOD3

457.6	457.6	457.6	457.6	457.5	457.5	457.5	457.5	457.5
457.5	457.4	457.4	457.4	457.4	457.4	457.3	457.3	457.3
457.3	457.3	457.2	457.2	457.2	457.2	457.2	457.1	457.1
457.1	457.1	457.0	457.0	457.0	457.0	457.0	457.0	457.0
456.9	456.9	456.9	456.8	456.8	456.8	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.7	456.6	456.6	456.6	456.6
456.6	456.6	456.5	456.5	456.5	456.5	456.5	456.4	456.4
456.4	456.4	456.3	456.3	456.3	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.1	456.1	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	455.9	455.9	455.9	455.9	455.9
455.9	455.9	455.8	455.8	455.8	455.8	455.7	455.7	455.7
455.7	455.7	455.6	455.6	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.4	455.4	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2	455.2
455.2	455.1	455.1	455.0	455.0	455.0	455.0	455.0	454.9
454.9	454.8	454.5	454.4	454.3	454.1	454.0	453.9	453.9
453.8	453.7	453.6	453.6	453.1	453.0	452.9	452.7	452.7
452.6	452.5	452.4	452.0	451.9	451.8	451.7	451.6	451.6
451.5	451.3	451.2	450.9	450.8	450.6	450.5	450.4	450.4
450.3	449.9	449.8	449.7	449.6	449.5	449.4	449.2	449.2
449.1	449.0	448.9	448.5	448.4	448.3	448.2	448.1	448.1
448.0	447.8	447.7	447.4	447.3	447.1	447.0	446.9	446.9
446.8	446.7	446.6	446.2	446.1	446.0	445.9	445.7	445.7
445.6	445.5	445.4	445.0	444.9	444.8	444.7	444.6	444.6
444.5	444.3	444.2	443.9	443.8	443.6	443.5	443.4	443.4
443.3	443.2	443.1						

READING ON UNIT	INITIAL HEAD FOR LAYER 80 WITH FORMAT: (10G12.5)						
	1	2	3	4	5	6	7
8		9	10				
18	11	12	13	14	15	16	17
28	21	22	23	24	25	26	27
38	31	32	33	34	35	36	37
		39	40				

## SECTION\_A\_DESIGN\_CASE\_NOD3

	41	42	43	44	45	46	47
48	49	50	51	52	53	54	55
58	59	60	61	62	63	64	65
68	69	70	71	72	73	74	75
78	79	80	81	82	83	84	85
88	89	90	91	92	93	94	95
98	99	100	101	102	103	104	105
108	109	110	111	112	113	114	115
118	119	120	121	122	123	124	125
128	129	130	131	132	133	134	135
138	139	140	141	142	143	144	145
148	149	150	151	152	153	154	155
158	159	160	161	162	163	164	165
168	169	170	171	172	173	174	175
178	179	180	181	182	183	184	185
188	189	190	191	192	193	194	195
198	199	200	201	202	203	204	205
208	209	210	211	212	213	214	215
218	219	220	221	222	223	224	225
228	229	230	231	232	233	234	235
238	239	240	241	242	243	244	245
248	249	250	251	252	253	254	255
258	259	260	261	262	263	264	265
268	269	270	271	272	273	274	275
278	279	280	281	282	283	284	285
288	289	290	291	292	293	294	295
298	299	300	301	302	303	304	305
308	309	310	311	312	313	314	315
318	319	320	321	322	323	324	325
328	329	330	331	332	333	334	335
338	339	340	341	342	343	344	345
348	349	350	351	352	353	354	355
358	359	360	361	362	363	364	365

## SECTION\_A\_DESIGN\_CASE\_NOD3

368	369	370	371	372	373	374	375	376	377
378	379	380	381	382	383	384	385	386	387
388	389	390	391	392	393	394	395	396	397
398	399	400	401	402	403	404	405	406	407
408	409	410	411	412	413	414	415	416	417
418	419	420	421	422	423	424	425	426	427
428	429	430	431	432	433	434	435	436	437
438	439	440	441	442	443	444	445	446	447
448	449	450	451	452	453	454	455	456	457
458	459	460	461	462	463	464	465	466	467
468	469	470	471	472	473	474	475	476	477
478	479	480	481	482	483	484	485	486	487
488	489	490	491	492	493	494	495	496	497
498	499	500							

1	462.0	462.0	462.0	461.9	461.9	461.9	461.9	461.9
	461.9	461.9	461.8	461.8	461.8	461.7	461.7	461.7
	461.8	461.8	461.7	461.7	461.7	461.6	461.5	461.5
	461.7	461.7	461.6	461.6	461.6	461.6	461.5	461.5
	461.6	461.6	461.5	461.5	461.5	461.4	461.4	461.4
	461.5	461.5	461.4	461.4	461.4	461.4	461.4	461.4
	461.5	461.4	461.3	461.3	461.3	461.3	461.4	461.4
	461.3	461.3	461.3	461.3	461.3	461.2	461.2	461.2
	461.3	461.3	461.3	461.3	461.2	461.2	461.2	461.2
	461.2	461.1	461.1	461.1	461.1	461.0	461.0	461.0
	461.1	461.1	461.1	461.1	461.1	461.0	461.0	461.0
	461.0	461.0	461.0	461.0	461.0	460.9	460.8	460.8
	460.9	460.9	460.9	460.9	460.9	460.9	460.8	460.8
	460.8	460.8	460.8	460.8	460.8	460.7	460.7	460.7
	460.8	460.7	460.7	460.7	460.7	460.7	460.7	460.7
	460.6	460.6	460.6	460.6	460.6	460.5	460.5	460.5
	460.6	460.6	460.6	460.5	460.5	460.5	460.5	460.5
	460.5	460.4	460.4	460.4	460.4	460.5	460.5	460.5
	460.4	460.4	460.4	460.4	460.4	460.3	460.3	460.3
	460.3	460.3	460.2	460.2	460.2	460.3	460.3	460.3
	460.2	460.2	460.2	460.2	460.2	460.2	460.1	460.1
	460.1	460.1	460.1	460.1	460.2	460.2	460.1	460.1
	460.1	460.0	460.0	460.0	460.0	460.0	460.0	459.9
	459.9	459.9	459.9	460.0	460.0	460.0	460.0	459.9
	459.9	459.9	459.9	459.9	459.8	459.8	459.8	459.8
	459.8	459.7	459.7	459.7	459.8	459.8	459.8	459.8
	459.8	459.7	459.7	459.7	459.7	459.6	459.6	459.6
	459.7	459.7	459.7	459.7	459.6	459.6	459.6	459.6
	459.6	459.6	459.5	459.5	459.6	459.6	459.6	459.6
	459.5	459.5	459.5	459.5	459.5	459.5	459.4	459.4
	459.4	459.4	459.4	459.4	459.5	459.5	459.4	459.4
	459.3	459.3	459.3	459.3	459.3	459.3	459.3	459.2
	459.2	459.2	459.2	459.2	459.3	459.3	459.3	459.2
	459.2	459.2	459.2	459.2	459.3	459.3	459.3	459.2
	459.2	459.2	459.1	459.1	459.1	459.1	459.1	459.1
	459.0	459.0	459.0	459.0	459.1	459.1	459.1	459.1
	459.0	459.0	459.0	459.0	458.9	458.9	458.9	458.9
	459.0	459.0	459.0	459.0	458.9	458.9	458.9	458.9

## SECTION\_A\_DESIGN\_CASE\_NOD3

458.9	458.9	458.8	458.8	458.7	458.7	458.7	458.7
458.7	458.8	458.8	458.8	458.8	458.7	458.7	458.7
458.6	458.7	458.7	458.7	458.6	458.6	458.6	458.5
458.5	458.6	458.6	458.6	458.6	458.6	458.6	458.5
458.5	458.5	458.5	458.5	458.4	458.4	458.4	458.4
458.3	458.4	458.4	458.4	458.4	458.4	458.4	458.4
458.3	458.3	458.3	458.3	458.3	458.2	458.2	458.2
458.2	458.3	458.3	458.3	458.2	458.2	458.2	458.2
458.1	458.1	458.1	458.1	458.1	458.0	458.0	458.0
458.0	458.1	458.1	458.1	458.1	458.0	458.0	458.0
457.9	458.0	458.0	458.0	457.9	457.9	457.8	457.8
457.8	457.9	457.9	457.9	457.9	457.9	457.8	457.8
457.8	457.8	457.8	457.8	457.8	457.7	457.7	457.7
457.6	457.7	457.7	457.7	457.7	457.7	457.7	457.7
457.6	457.6	457.6	457.6	457.6	457.5	457.5	457.5
457.5	457.6	457.6	457.6	457.5	457.5	457.5	457.5
457.5	457.4	457.4	457.4	457.4	457.4	457.3	457.3
457.4	457.4	457.4	457.4	457.4	457.3	457.3	457.3
457.3	457.3	457.3	457.3	457.2	457.2	457.1	457.1
457.2	457.2	457.2	457.2	457.2	457.2	457.1	457.1
457.1	457.1	457.1	457.1	457.1	457.0	457.0	457.0
457.1	457.0	457.0	457.0	457.0	457.0	457.0	457.0
456.9	456.9	456.9	456.9	456.9	456.8	456.8	456.8
456.9	456.9	456.9	456.9	456.8	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.8	456.8	456.8	456.8
456.8	456.7	456.7	456.7	456.6	456.6	456.6	456.6
456.6	456.6	456.6	456.6	456.6	456.6	456.6	456.6
456.5	456.5	456.5	456.5	456.5	456.5	456.4	456.4
456.4	456.5	456.5	456.5	456.5	456.5	456.4	456.4
456.4	456.4	456.4	456.4	456.4	456.3	456.3	456.2
456.4	456.3	456.3	456.3	456.3	456.3	456.3	456.2
456.2	456.2	456.2	456.2	456.2	456.1	456.1	456.1
456.2	456.2	456.2	456.2	456.1	456.1	456.1	456.1
456.1	456.0	456.0	456.0	456.0	456.1	456.1	456.1
456.0	456.0	456.0	456.0	455.9	455.9	455.9	455.9
455.9	455.9	455.9	455.9	455.9	455.9	455.9	455.9
455.8	455.8	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.8	455.8	455.8	455.8	455.8	455.7	455.7
455.7	455.7	455.7	455.7	455.7	455.6	455.6	455.5
455.6	455.6	455.6	455.6	455.6	455.6	455.6	455.5
455.5	455.5	455.5	455.5	455.5	455.5	455.4	455.4
455.5	455.5	455.5	455.5	455.4	455.4	455.4	455.4
455.3	455.3	455.3	455.3	455.3	455.3	455.2	455.2
455.3	455.3	455.3	455.3	455.2	455.2	455.2	455.2
455.2	455.1	455.1	455.1	455.1	455.1	455.1	455.1
455.1	455.1	455.1	455.1	455.0	455.0	455.0	454.9
454.9	454.8	454.8	454.8	455.0	455.0	455.0	454.9
454.6	454.5	454.5	454.5	454.3	454.1	454.0	453.9
453.8	453.7	453.7	453.7	454.4	454.3	454.1	453.9
453.4	453.3	453.3	453.3	453.6	453.1	453.0	452.9
452.6	452.5	452.5	452.5	453.2	453.1	453.0	452.9
452.3	452.2	452.2	452.2	452.4	451.9	451.8	451.6
451.5	451.3	451.3	451.3	452.0	451.9	451.8	451.6
451.1	451.0	451.0	451.0	451.2	451.7	451.7	451.6
450.3	450.2	450.2	450.2	450.9	450.8	450.6	450.4
449.9	449.8	449.8	449.8	450.1	450.6	450.5	450.4
449.1	449.0	449.0	449.0	449.7	449.6	449.5	449.2
448.8	448.7	448.7	448.7	448.9	449.6	449.5	449.2
448.0	448.7	448.7	448.7	448.5	448.4	448.3	448.1
447.6	447.8	447.8	447.8	448.5	448.4	448.3	448.1
446.8	447.5	447.5	447.5	447.7	447.3	447.1	446.9
446.4	446.7	446.7	446.7	447.4	447.3	447.1	446.9
445.6	446.3	446.3	446.3	446.6	446.1	446.0	445.7
445.3	446.2	446.2	446.2	446.2	446.1	446.0	445.7
444.5	445.5	445.5	445.5	446.1	446.1	446.0	445.7
444.1	445.4	445.4	445.4	446.2	446.1	446.0	445.7
443.3	445.2	445.2	445.2	445.4	444.9	444.8	444.6
443.2	444.3	444.3	444.3	445.0	444.9	444.8	444.6
443.1	444.2	444.2	444.2	444.2	444.9	444.8	444.6
443.1	444.0	444.0	444.0	443.9	443.8	443.6	443.4
443.1	443.2	443.2	443.2	443.9	443.8	443.6	443.4

SECTION\_A\_DESIGN\_CASE\_NOD3

OUTPUT CONTROL IS SPECIFIED EVERY TIME STEP  
 HEAD PRINT FORMAT CODE IS 0    DRAWDOWN PRINT FORMAT CODE IS 0  
 HEADS WILL BE SAVED ON UNIT 150    DRAWDOWNS WILL BE SAVED ON UNIT 151

LPF -- LAYER-PROPERTY FLOW PACKAGE, VERSION 7, 5/2/2005

INPUT READ FROM UNIT 33

#Layer Property Flow Package translator - (c) 2001 Waterloo Hydrogeologic Software

#SECTION\_A\_DESIGN\_CASE\_NOD3.LPF Thu Jan 17 12:55:16 2013

CELL-BY-CELL FLOWS WILL BE SAVED ON UNIT 154

HEAD AT CELLS THAT CONVERT TO DRY= -1.00000E+30

No named parameters

LAYER FLAGS:					
LAYER	LAYTYP	LAYAVG	CHANI	LAYVKA	LAYWET
1	3	0	1.000E+00	0	1
2	3	0	1.000E+00	0	1
3	3	0	1.000E+00	0	1
4	3	0	1.000E+00	0	1
5	3	0	1.000E+00	0	1
6	3	0	1.000E+00	0	1
7	3	0	1.000E+00	0	1
8	3	0	1.000E+00	0	1
9	3	0	1.000E+00	0	1
10	3	0	1.000E+00	0	1
11	3	0	1.000E+00	0	1
12	3	0	1.000E+00	0	1
13	3	0	1.000E+00	0	1
14	3	0	1.000E+00	0	1
15	3	0	1.000E+00	0	1
16	3	0	1.000E+00	0	1
17	3	0	1.000E+00	0	1
18	3	0	1.000E+00	0	1
19	3	0	1.000E+00	0	1
20	3	0	1.000E+00	0	1
21	3	0	1.000E+00	0	1
22	3	0	1.000E+00	0	1
23	3	0	1.000E+00	0	1
24	3	0	1.000E+00	0	1
25	3	0	1.000E+00	0	1
26	3	0	1.000E+00	0	1
27	3	0	1.000E+00	0	1
28	3	0	1.000E+00	0	1
29	3	0	1.000E+00	0	1
30	3	0	1.000E+00	0	1
31	3	0	1.000E+00	0	1
32	3	0	1.000E+00	0	1
33	3	0	1.000E+00	0	1
34	3	0	1.000E+00	0	1
35	3	0	1.000E+00	0	1
36	3	0	1.000E+00	0	1
37	3	0	1.000E+00	0	1
38	3	0	1.000E+00	0	1
39	3	0	1.000E+00	0	1
40	3	0	1.000E+00	0	1
41	3	0	1.000E+00	0	1
42	3	0	1.000E+00	0	1
43	3	0	1.000E+00	0	1
44	3	0	1.000E+00	0	1
45	3	0	1.000E+00	0	1
46	3	0	1.000E+00	0	1
47	3	0	1.000E+00	0	1
48	3	0	1.000E+00	0	1
49	3	0	1.000E+00	0	1

SECTION_A_DESIGN_CASE_NOD3					
50	3	0	1.000E+00	0	1
51	3	0	1.000E+00	0	1
52	3	0	1.000E+00	0	1
53	3	0	1.000E+00	0	1
54	3	0	1.000E+00	0	1
55	3	0	1.000E+00	0	1
56	3	0	1.000E+00	0	1
57	3	0	1.000E+00	0	1
58	3	0	1.000E+00	0	1
59	3	0	1.000E+00	0	1
60	3	0	1.000E+00	0	1
61	3	0	1.000E+00	0	1
62	3	0	1.000E+00	0	1
63	3	0	1.000E+00	0	1
64	3	0	1.000E+00	0	1
65	3	0	1.000E+00	0	1
66	3	0	1.000E+00	0	1
67	3	0	1.000E+00	0	1
68	3	0	1.000E+00	0	1
69	3	0	1.000E+00	0	1
70	3	0	1.000E+00	0	1
71	3	0	1.000E+00	0	1
72	3	0	1.000E+00	0	1
73	3	0	1.000E+00	0	1
74	3	0	1.000E+00	0	1
75	3	0	1.000E+00	0	1
76	3	0	1.000E+00	0	1
77	3	0	1.000E+00	0	1
78	3	0	1.000E+00	0	1
79	3	0	1.000E+00	0	1
80	3	0	1.000E+00	0	1

INTERPRETATION OF LAYER FLAGS:

LAYER	LAYER TYPE (LAYTYP)	INTERBLOCK TRANSMISSIVITY (LAYAVG)	HORIZONTAL ANISOTROPY (CHANI)	DATA IN ARRAY VKA (LAYVKA)	WETTABILITY (LAYWET)
1	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
2	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
3	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
4	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
5	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
6	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
7	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
8	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
9	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
10	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
11	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
12	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
13	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
14	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
15	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
16	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
17	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
18	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
19	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
20	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
21	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
22	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
23	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
24	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
25	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
26	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
27	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
28	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE

## SECTION\_A\_DESIGN\_CASE\_NOD3

29	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
30	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
31	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
32	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
33	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
34	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
35	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
36	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
37	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
38	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
39	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
40	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
41	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
42	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
43	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
44	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
45	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
46	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
47	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
48	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
49	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
50	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
51	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
52	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
53	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
54	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
55	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
56	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
57	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
58	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
59	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
60	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
61	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
62	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
63	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
64	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
65	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
66	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
67	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
68	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
69	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
70	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
71	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
72	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
73	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
74	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
75	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
76	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
77	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
78	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
79	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE
80	CONVERTIBLE	HARMONIC	1.000E+00	VERTICAL K	WETTABLE

WETTING CAPABILITY IS ACTIVE IN 80 LAYERS  
WETTING FACTOR= 1.000000  
WETTING ITERATION INTERVAL= 3  
IHDWET= 0

HYD. COND. ALONG ROWS FOR LAYER 1  
READING ON UNIT 33 WITH FORMAT: (10G11.4)



## SECTION\_A\_DESIGN\_CASE\_NOD3

READING ON UNIT	VERTICAL HYD. COND. FOR LAYER 33 WITH FORMAT: (10G11.4)	1
READING ON UNIT	SPECIFIC STORAGE FOR LAYER 33 WITH FORMAT: (10G11.4)	1
READING ON UNIT	SPECIFIC YIELD FOR LAYER 33 WITH FORMAT: (10G11.4)	1
READING ON UNIT	WETDRY PARAMETER FOR LAYER 33 WITH FORMAT: (10G11.4)	1
READING ON UNIT	HYD. COND. ALONG ROWS FOR LAYER 33 WITH FORMAT: (10G11.4)	2
READING ON UNIT	VERTICAL HYD. COND. FOR LAYER 33 WITH FORMAT: (10G11.4)	2
READING ON UNIT	SPECIFIC STORAGE FOR LAYER 33 WITH FORMAT: (10G11.4)	2
READING ON UNIT	SPECIFIC YIELD FOR LAYER 33 WITH FORMAT: (10G11.4)	2
READING ON UNIT	WETDRY PARAMETER FOR LAYER 33 WITH FORMAT: (10G11.4)	2
READING ON UNIT	HYD. COND. ALONG ROWS FOR LAYER 33 WITH FORMAT: (10G11.4)	3
READING ON UNIT	VERTICAL HYD. COND. FOR LAYER 33 WITH FORMAT: (10G11.4)	3
READING ON UNIT	SPECIFIC STORAGE FOR LAYER 33 WITH FORMAT: (10G11.4)	3
READING ON UNIT	SPECIFIC YIELD FOR LAYER 33 WITH FORMAT: (10G11.4)	3

## SECTION\_A\_DESIGN\_CASE\_NOD3

READING ON UNIT	WETDRY PARAMETER FOR LAYER 33 WITH FORMAT: (10G11.4)	3
READING ON UNIT	HYD. COND. ALONG ROWS FOR LAYER 33 WITH FORMAT: (10G11.4)	4
READING ON UNIT	VERTICAL HYD. COND. FOR LAYER 33 WITH FORMAT: (10G11.4)	4
READING ON UNIT	SPECIFIC STORAGE FOR LAYER 33 WITH FORMAT: (10G11.4)	4
READING ON UNIT	SPECIFIC YIELD FOR LAYER 33 WITH FORMAT: (10G11.4)	4
READING ON UNIT	WETDRY PARAMETER FOR LAYER 33 WITH FORMAT: (10G11.4)	4
READING ON UNIT	HYD. COND. ALONG ROWS FOR LAYER 33 WITH FORMAT: (10G11.4)	5
READING ON UNIT	VERTICAL HYD. COND. FOR LAYER 33 WITH FORMAT: (10G11.4)	5
READING ON UNIT	SPECIFIC STORAGE FOR LAYER 33 WITH FORMAT: (10G11.4)	5
READING ON UNIT	SPECIFIC YIELD FOR LAYER 33 WITH FORMAT: (10G11.4)	5
READING ON UNIT	WETDRY PARAMETER FOR LAYER 33 WITH FORMAT: (10G11.4)	5
READING ON UNIT	HYD. COND. ALONG ROWS FOR LAYER 33 WITH FORMAT: (10G11.4)	6
READING ON UNIT	VERTICAL HYD. COND. FOR LAYER 33 WITH FORMAT: (10G11.4)	6

## SECTION\_A\_DESIGN\_CASE\_NOD3

READING ON UNIT	SPECIFIC STORAGE FOR LAYER 6 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC YIELD FOR LAYER 6 33 WITH FORMAT: (10G11.4)
READING ON UNIT	WETDRY PARAMETER FOR LAYER 6 33 WITH FORMAT: (10G11.4)
READING ON UNIT	HYD. COND. ALONG ROWS FOR LAYER 7 33 WITH FORMAT: (10G11.4)
READING ON UNIT	VERTICAL HYD. COND. FOR LAYER 7 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC STORAGE FOR LAYER 7 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC YIELD FOR LAYER 7 33 WITH FORMAT: (10G11.4)
READING ON UNIT	WETDRY PARAMETER FOR LAYER 7 33 WITH FORMAT: (10G11.4)
READING ON UNIT	HYD. COND. ALONG ROWS FOR LAYER 8 33 WITH FORMAT: (10G11.4)
READING ON UNIT	VERTICAL HYD. COND. FOR LAYER 8 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC STORAGE FOR LAYER 8 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC YIELD FOR LAYER 8 33 WITH FORMAT: (10G11.4)
READING ON UNIT	WETDRY PARAMETER FOR LAYER 8 33 WITH FORMAT: (10G11.4)

## SECTION\_A\_DESIGN\_CASE\_NOD3

HYD. COND. ALONG ROWS FOR LAYER 9  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 9  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 9  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 9  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER FOR LAYER 9  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 10  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 10  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 10  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 10  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER FOR LAYER 10  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 11  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 11  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 11  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

## SECTION\_A\_DESIGN\_CASE\_NOD3

READING ON UNIT	SPECIFIC YIELD FOR LAYER 11 33 WITH FORMAT: (10G11.4)
READING ON UNIT	WETDRY PARAMETER FOR LAYER 11 33 WITH FORMAT: (10G11.4)
READING ON UNIT	HYD. COND. ALONG ROWS FOR LAYER 12 33 WITH FORMAT: (10G11.4)
READING ON UNIT	VERTICAL HYD. COND. FOR LAYER 12 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC STORAGE FOR LAYER 12 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC YIELD FOR LAYER 12 33 WITH FORMAT: (10G11.4)
READING ON UNIT	WETDRY PARAMETER FOR LAYER 12 33 WITH FORMAT: (10G11.4)
READING ON UNIT	HYD. COND. ALONG ROWS FOR LAYER 13 33 WITH FORMAT: (10G11.4)
READING ON UNIT	VERTICAL HYD. COND. FOR LAYER 13 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC STORAGE FOR LAYER 13 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC YIELD FOR LAYER 13 33 WITH FORMAT: (10G11.4)
READING ON UNIT	WETDRY PARAMETER FOR LAYER 13 33 WITH FORMAT: (10G11.4)
READING ON UNIT	HYD. COND. ALONG ROWS FOR LAYER 14 33 WITH FORMAT: (10G11.4)

## SECTION\_A\_DESIGN\_CASE\_NOD3

VERTICAL HYD. COND. FOR LAYER 14  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 14  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 14  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER FOR LAYER 14  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 15  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 15  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 15  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 15  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER FOR LAYER 15  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 16  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 16  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 16  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 16  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

## SECTION\_A\_DESIGN\_CASE\_NOD3

READING ON UNIT WETDRY PARAMETER FOR LAYER 16  
33 WITH FORMAT: (10G11.4)

READING ON UNIT HYD. COND. ALONG ROWS FOR LAYER 17  
33 WITH FORMAT: (10G11.4)

READING ON UNIT VERTICAL HYD. COND. FOR LAYER 17  
33 WITH FORMAT: (10G11.4)

READING ON UNIT SPECIFIC STORAGE FOR LAYER 17  
33 WITH FORMAT: (10G11.4)

READING ON UNIT SPECIFIC YIELD FOR LAYER 17  
33 WITH FORMAT: (10G11.4)

READING ON UNIT WETDRY PARAMETER FOR LAYER 17  
33 WITH FORMAT: (10G11.4)

READING ON UNIT HYD. COND. ALONG ROWS FOR LAYER 18  
33 WITH FORMAT: (10G11.4)

READING ON UNIT VERTICAL HYD. COND. FOR LAYER 18  
33 WITH FORMAT: (10G11.4)

READING ON UNIT SPECIFIC STORAGE FOR LAYER 18  
33 WITH FORMAT: (10G11.4)

READING ON UNIT SPECIFIC YIELD FOR LAYER 18  
33 WITH FORMAT: (10G11.4)

READING ON UNIT WETDRY PARAMETER FOR LAYER 18  
33 WITH FORMAT: (10G11.4)

READING ON UNIT HYD. COND. ALONG ROWS FOR LAYER 19  
33 WITH FORMAT: (10G11.4)

READING ON UNIT VERTICAL HYD. COND. FOR LAYER 19  
33 WITH FORMAT: (10G11.4)

## SECTION\_A\_DESIGN\_CASE\_NOD3

READING ON UNIT	SPECIFIC STORAGE FOR LAYER 19 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC YIELD FOR LAYER 19 33 WITH FORMAT: (10G11.4)
READING ON UNIT	WETDRY PARAMETER FOR LAYER 19 33 WITH FORMAT: (10G11.4)
READING ON UNIT	HYD. COND. ALONG ROWS FOR LAYER 20 33 WITH FORMAT: (10G11.4)
READING ON UNIT	VERTICAL HYD. COND. FOR LAYER 20 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC STORAGE FOR LAYER 20 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC YIELD FOR LAYER 20 33 WITH FORMAT: (10G11.4)
READING ON UNIT	WETDRY PARAMETER FOR LAYER 20 33 WITH FORMAT: (10G11.4)
READING ON UNIT	HYD. COND. ALONG ROWS FOR LAYER 21 33 WITH FORMAT: (10G11.4)
READING ON UNIT	VERTICAL HYD. COND. FOR LAYER 21 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC STORAGE FOR LAYER 21 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC YIELD FOR LAYER 21 33 WITH FORMAT: (10G11.4)
READING ON UNIT	WETDRY PARAMETER FOR LAYER 21 33 WITH FORMAT: (10G11.4)



SECTION\_A\_DESIGN\_CASE\_NOD3

HYD. COND. ALONG ROWS FOR LAYER 22  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 22  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 22  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 22  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER FOR LAYER 22  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 23  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 23  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 23  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 23  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER FOR LAYER 23  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 24  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 24  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 24  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

## SECTION\_A\_DESIGN\_CASE\_NOD3

READING ON UNIT	SPECIFIC YIELD FOR LAYER 24 33 WITH FORMAT: (10G11.4)
READING ON UNIT	WETDRY PARAMETER FOR LAYER 24 33 WITH FORMAT: (10G11.4)
READING ON UNIT	HYD. COND. ALONG ROWS FOR LAYER 25 33 WITH FORMAT: (10G11.4)
READING ON UNIT	VERTICAL HYD. COND. FOR LAYER 25 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC STORAGE FOR LAYER 25 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC YIELD FOR LAYER 25 33 WITH FORMAT: (10G11.4)
READING ON UNIT	WETDRY PARAMETER FOR LAYER 25 33 WITH FORMAT: (10G11.4)
READING ON UNIT	HYD. COND. ALONG ROWS FOR LAYER 26 33 WITH FORMAT: (10G11.4)
READING ON UNIT	VERTICAL HYD. COND. FOR LAYER 26 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC STORAGE FOR LAYER 26 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC YIELD FOR LAYER 26 33 WITH FORMAT: (10G11.4)
READING ON UNIT	WETDRY PARAMETER FOR LAYER 26 33 WITH FORMAT: (10G11.4)
READING ON UNIT	HYD. COND. ALONG ROWS FOR LAYER 27 33 WITH FORMAT: (10G11.4)

## SECTION\_A\_DESIGN\_CASE\_NOD3

VERTICAL HYD. COND. FOR LAYER 27  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 27  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 27  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER FOR LAYER 27  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 28  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 28  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 28  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 28  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER FOR LAYER 28  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 29  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 29  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 29  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 29  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

## SECTION\_A\_DESIGN\_CASE\_NOD3

READING ON UNIT	WETDRY PARAMETER FOR LAYER 29 33 WITH FORMAT: (10G11.4)
READING ON UNIT	HYD. COND. ALONG ROWS FOR LAYER 30 33 WITH FORMAT: (10G11.4)
READING ON UNIT	VERTICAL HYD. COND. FOR LAYER 30 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC STORAGE FOR LAYER 30 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC YIELD FOR LAYER 30 33 WITH FORMAT: (10G11.4)
READING ON UNIT	WETDRY PARAMETER FOR LAYER 30 33 WITH FORMAT: (10G11.4)
READING ON UNIT	HYD. COND. ALONG ROWS FOR LAYER 31 33 WITH FORMAT: (10G11.4)
READING ON UNIT	VERTICAL HYD. COND. FOR LAYER 31 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC STORAGE FOR LAYER 31 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC YIELD FOR LAYER 31 33 WITH FORMAT: (10G11.4)
READING ON UNIT	WETDRY PARAMETER FOR LAYER 31 33 WITH FORMAT: (10G11.4)
READING ON UNIT	HYD. COND. ALONG ROWS FOR LAYER 32 33 WITH FORMAT: (10G11.4)
READING ON UNIT	VERTICAL HYD. COND. FOR LAYER 32 33 WITH FORMAT: (10G11.4)

## SECTION\_A\_DESIGN\_CASE\_NOD3

READING ON UNIT	SPECIFIC STORAGE FOR LAYER 32 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC YIELD FOR LAYER 32 33 WITH FORMAT: (10G11.4)
READING ON UNIT	WETDRY PARAMETER FOR LAYER 32 33 WITH FORMAT: (10G11.4)
READING ON UNIT	HYD. COND. ALONG ROWS FOR LAYER 33 33 WITH FORMAT: (10G11.4)
READING ON UNIT	VERTICAL HYD. COND. FOR LAYER 33 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC STORAGE FOR LAYER 33 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC YIELD FOR LAYER 33 33 WITH FORMAT: (10G11.4)
READING ON UNIT	WETDRY PARAMETER FOR LAYER 33 33 WITH FORMAT: (10G11.4)
READING ON UNIT	HYD. COND. ALONG ROWS FOR LAYER 34 33 WITH FORMAT: (10G11.4)
READING ON UNIT	VERTICAL HYD. COND. FOR LAYER 34 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC STORAGE FOR LAYER 34 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC YIELD FOR LAYER 34 33 WITH FORMAT: (10G11.4)
READING ON UNIT	WETDRY PARAMETER FOR LAYER 34 33 WITH FORMAT: (10G11.4)

## SECTION\_A\_DESIGN\_CASE\_NOD3

HYD. COND. ALONG ROWS FOR LAYER 35  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 35  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 35  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 35  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER FOR LAYER 35  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 36  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 36  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 36  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 36  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER FOR LAYER 36  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 37  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 37  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 37  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

## SECTION\_A\_DESIGN\_CASE\_NOD3

READING ON UNIT	SPECIFIC YIELD FOR LAYER 37	33 WITH FORMAT: (10G11.4)	
READING ON UNIT	WETDRY PARAMETER FOR LAYER 37	33 WITH FORMAT: (10G11.4)	
READING ON UNIT	HYD. COND. ALONG ROWS FOR LAYER 38	33 WITH FORMAT: (10G11.4)	
READING ON UNIT	VERTICAL HYD. COND. FOR LAYER 38	33 WITH FORMAT: (10G11.4)	
READING ON UNIT	SPECIFIC STORAGE FOR LAYER 38	33 WITH FORMAT: (10G11.4)	
READING ON UNIT	SPECIFIC YIELD FOR LAYER 38	33 WITH FORMAT: (10G11.4)	
READING ON UNIT	WETDRY PARAMETER FOR LAYER 38	33 WITH FORMAT: (10G11.4)	
READING ON UNIT	HYD. COND. ALONG ROWS FOR LAYER 39	33 WITH FORMAT: (10G11.4)	
READING ON UNIT	VERTICAL HYD. COND. FOR LAYER 39	33 WITH FORMAT: (10G11.4)	
READING ON UNIT	SPECIFIC STORAGE FOR LAYER 39	33 WITH FORMAT: (10G11.4)	
READING ON UNIT	SPECIFIC YIELD FOR LAYER 39	33 WITH FORMAT: (10G11.4)	
READING ON UNIT	WETDRY PARAMETER FOR LAYER 39	33 WITH FORMAT: (10G11.4)	
READING ON UNIT	HYD. COND. ALONG ROWS FOR LAYER 40	33 WITH FORMAT: (10G11.4)	

## SECTION\_A\_DESIGN\_CASE\_NOD3

VERTICAL HYD. COND. FOR LAYER 40  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 40  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 40  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER FOR LAYER 40  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 41  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 41  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 41  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 41  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER FOR LAYER 41  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 42  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 42  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 42  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 42  
READING ON UNIT 33 WITH FORMAT: (10G11.4)



## SECTION\_A\_DESIGN\_CASE\_NOD3

READING ON UNIT WETDRY PARAMETER FOR LAYER 42  
33 WITH FORMAT: (10G11.4)

READING ON UNIT HYD. COND. ALONG ROWS FOR LAYER 43  
33 WITH FORMAT: (10G11.4)

READING ON UNIT VERTICAL HYD. COND. FOR LAYER 43  
33 WITH FORMAT: (10G11.4)

READING ON UNIT SPECIFIC STORAGE FOR LAYER 43  
33 WITH FORMAT: (10G11.4)

READING ON UNIT SPECIFIC YIELD FOR LAYER 43  
33 WITH FORMAT: (10G11.4)

READING ON UNIT WETDRY PARAMETER FOR LAYER 43  
33 WITH FORMAT: (10G11.4)

READING ON UNIT HYD. COND. ALONG ROWS FOR LAYER 44  
33 WITH FORMAT: (10G11.4)

READING ON UNIT VERTICAL HYD. COND. FOR LAYER 44  
33 WITH FORMAT: (10G11.4)

READING ON UNIT SPECIFIC STORAGE FOR LAYER 44  
33 WITH FORMAT: (10G11.4)

READING ON UNIT SPECIFIC YIELD FOR LAYER 44  
33 WITH FORMAT: (10G11.4)

READING ON UNIT WETDRY PARAMETER FOR LAYER 44  
33 WITH FORMAT: (10G11.4)

READING ON UNIT HYD. COND. ALONG ROWS FOR LAYER 45  
33 WITH FORMAT: (10G11.4)

READING ON UNIT VERTICAL HYD. COND. FOR LAYER 45  
33 WITH FORMAT: (10G11.4)

## SECTION\_A\_DESIGN\_CASE\_NOD3

READING ON UNIT	SPECIFIC STORAGE FOR LAYER 45 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC YIELD FOR LAYER 45 33 WITH FORMAT: (10G11.4)
READING ON UNIT	WETDRY PARAMETER FOR LAYER 45 33 WITH FORMAT: (10G11.4)
READING ON UNIT	HYD. COND. ALONG ROWS FOR LAYER 46 33 WITH FORMAT: (10G11.4)
READING ON UNIT	VERTICAL HYD. COND. FOR LAYER 46 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC STORAGE FOR LAYER 46 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC YIELD FOR LAYER 46 33 WITH FORMAT: (10G11.4)
READING ON UNIT	WETDRY PARAMETER FOR LAYER 46 33 WITH FORMAT: (10G11.4)
READING ON UNIT	HYD. COND. ALONG ROWS FOR LAYER 47 33 WITH FORMAT: (10G11.4)
READING ON UNIT	VERTICAL HYD. COND. FOR LAYER 47 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC STORAGE FOR LAYER 47 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC YIELD FOR LAYER 47 33 WITH FORMAT: (10G11.4)
READING ON UNIT	WETDRY PARAMETER FOR LAYER 47 33 WITH FORMAT: (10G11.4)

SECTION\_A\_DESIGN\_CASE\_NOD3

HYD. COND. ALONG ROWS FOR LAYER 48  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 48  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 48  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 48  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER FOR LAYER 48  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 49  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 49  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 49  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 49  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER FOR LAYER 49  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

HYD. COND. ALONG ROWS FOR LAYER 50  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 50  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 50  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

## SECTION\_A\_DESIGN\_CASE\_NOD3

READING ON UNIT	SPECIFIC YIELD FOR LAYER 50 33 WITH FORMAT: (10G11.4)
READING ON UNIT	WETDRY PARAMETER FOR LAYER 50 33 WITH FORMAT: (10G11.4)
READING ON UNIT	HYD. COND. ALONG ROWS FOR LAYER 51 33 WITH FORMAT: (10G11.4)
READING ON UNIT	VERTICAL HYD. COND. FOR LAYER 51 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC STORAGE FOR LAYER 51 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC YIELD FOR LAYER 51 33 WITH FORMAT: (10G11.4)
READING ON UNIT	WETDRY PARAMETER FOR LAYER 51 33 WITH FORMAT: (10G11.4)
READING ON UNIT	HYD. COND. ALONG ROWS FOR LAYER 52 33 WITH FORMAT: (10G11.4)
READING ON UNIT	VERTICAL HYD. COND. FOR LAYER 52 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC STORAGE FOR LAYER 52 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC YIELD FOR LAYER 52 33 WITH FORMAT: (10G11.4)
READING ON UNIT	WETDRY PARAMETER FOR LAYER 52 33 WITH FORMAT: (10G11.4)
READING ON UNIT	HYD. COND. ALONG ROWS FOR LAYER 53 33 WITH FORMAT: (10G11.4)

## SECTION\_A\_DESIGN\_CASE\_NOD3

READING ON UNIT	VERTICAL HYD. COND. FOR LAYER 53 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC STORAGE FOR LAYER 53 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC YIELD FOR LAYER 53 33 WITH FORMAT: (10G11.4)
READING ON UNIT	WETDRY PARAMETER FOR LAYER 53 33 WITH FORMAT: (10G11.4)
READING ON UNIT	HYD. COND. ALONG ROWS FOR LAYER 54 33 WITH FORMAT: (10G11.4)
READING ON UNIT	VERTICAL HYD. COND. FOR LAYER 54 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC STORAGE FOR LAYER 54 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC YIELD FOR LAYER 54 33 WITH FORMAT: (10G11.4)
READING ON UNIT	WETDRY PARAMETER FOR LAYER 54 33 WITH FORMAT: (10G11.4)
READING ON UNIT	HYD. COND. ALONG ROWS FOR LAYER 55 33 WITH FORMAT: (10G11.4)
READING ON UNIT	VERTICAL HYD. COND. FOR LAYER 55 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC STORAGE FOR LAYER 55 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC YIELD FOR LAYER 55 33 WITH FORMAT: (10G11.4)

## SECTION\_A\_DESIGN\_CASE\_NOD3

READING ON UNIT	WETDRY PARAMETER FOR LAYER 55 33 WITH FORMAT: (10G11.4)
READING ON UNIT	HYD. COND. ALONG ROWS FOR LAYER 56 33 WITH FORMAT: (10G11.4)
READING ON UNIT	VERTICAL HYD. COND. FOR LAYER 56 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC STORAGE FOR LAYER 56 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC YIELD FOR LAYER 56 33 WITH FORMAT: (10G11.4)
READING ON UNIT	WETDRY PARAMETER FOR LAYER 56 33 WITH FORMAT: (10G11.4)
READING ON UNIT	HYD. COND. ALONG ROWS FOR LAYER 57 33 WITH FORMAT: (10G11.4)
READING ON UNIT	VERTICAL HYD. COND. FOR LAYER 57 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC STORAGE FOR LAYER 57 33 WITH FORMAT: (10G11.4)
READING ON UNIT	SPECIFIC YIELD FOR LAYER 57 33 WITH FORMAT: (10G11.4)
READING ON UNIT	WETDRY PARAMETER FOR LAYER 57 33 WITH FORMAT: (10G11.4)
READING ON UNIT	HYD. COND. ALONG ROWS FOR LAYER 58 33 WITH FORMAT: (10G11.4)
READING ON UNIT	VERTICAL HYD. COND. FOR LAYER 58 33 WITH FORMAT: (10G11.4)

## SECTION\_A\_DESIGN\_CASE\_NOD3

READING ON UNIT      SPECIFIC STORAGE FOR LAYER 58  
                          33 WITH FORMAT: (10G11.4)

READING ON UNIT      SPECIFIC YIELD FOR LAYER 58  
                          33 WITH FORMAT: (10G11.4)

READING ON UNIT      WETDRY PARAMETER FOR LAYER 58  
                          33 WITH FORMAT: (10G11.4)

READING ON UNIT      HYD. COND. ALONG ROWS FOR LAYER 59  
                          33 WITH FORMAT: (10G11.4)

READING ON UNIT      VERTICAL HYD. COND. FOR LAYER 59  
                          33 WITH FORMAT: (10G11.4)

READING ON UNIT      SPECIFIC STORAGE FOR LAYER 59  
                          33 WITH FORMAT: (10G11.4)

READING ON UNIT      SPECIFIC YIELD FOR LAYER 59  
                          33 WITH FORMAT: (10G11.4)

                         WETDRY PARAMETER = 0.00000      FOR LAYER 59

READING ON UNIT      HYD. COND. ALONG ROWS FOR LAYER 60  
                          33 WITH FORMAT: (10G11.4)

READING ON UNIT      VERTICAL HYD. COND. FOR LAYER 60  
                          33 WITH FORMAT: (10G11.4)

READING ON UNIT      SPECIFIC STORAGE FOR LAYER 60  
                          33 WITH FORMAT: (10G11.4)

READING ON UNIT      SPECIFIC YIELD FOR LAYER 60  
                          33 WITH FORMAT: (10G11.4)

                         WETDRY PARAMETER = 0.00000      FOR LAYER 60

READING ON UNIT      HYD. COND. ALONG ROWS FOR LAYER 61  
                          33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 61

SECTION\_A\_DESIGN\_CASE\_NOD3

READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 61  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 61  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER = 0.00000 FOR LAYER 61

HYD. COND. ALONG ROWS FOR LAYER 62  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 62  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 62  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 62  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER = 0.00000 FOR LAYER 62

HYD. COND. ALONG ROWS FOR LAYER 63  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 63  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 63  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 63  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER = 0.00000 FOR LAYER 63

HYD. COND. ALONG ROWS FOR LAYER 64  
READING ON UNIT 33 WITH FORMAT: (10G11.4)



SECTION\_A\_DESIGN\_CASE\_NOD3

VERTICAL HYD. COND. FOR LAYER 64  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 64  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 64  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER = 0.00000 FOR LAYER 64

HYD. COND. ALONG ROWS FOR LAYER 65  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 65  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 65  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 65  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER = 0.00000 FOR LAYER 65

HYD. COND. ALONG ROWS FOR LAYER 66  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 66  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 66  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 66  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER = 0.00000 FOR LAYER 66

HYD. COND. ALONG ROWS FOR LAYER 67  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SECTION\_A\_DESIGN\_CASE\_NOD3

VERTICAL HYD. COND. FOR LAYER 67  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 67  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 67  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER = 0.00000 FOR LAYER 67

HYD. COND. ALONG ROWS FOR LAYER 68  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 68  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 68  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 68  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER = 0.00000 FOR LAYER 68

HYD. COND. ALONG ROWS FOR LAYER 69  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

VERTICAL HYD. COND. FOR LAYER 69  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 69  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 69  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER = 0.00000 FOR LAYER 69

HYD. COND. ALONG ROWS FOR LAYER 70  
READING ON UNIT 33 WITH FORMAT: (10G11.4)

## SECTION\_A\_DESIGN\_CASE\_NOD3

VERTICAL HYD. COND. FOR LAYER 70  
 READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC STORAGE FOR LAYER 70  
 READING ON UNIT 33 WITH FORMAT: (10G11.4)

SPECIFIC YIELD FOR LAYER 70  
 READING ON UNIT 33 WITH FORMAT: (10G11.4)

WETDRY PARAMETER = 0.00000 FOR LAYER 70  
 HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 71  
 VERTICAL HYD. COND. = 0.589750 FOR LAYER 71  
 SPECIFIC STORAGE = 2.100000E-04 FOR LAYER 71  
 SPECIFIC YIELD = 2.000000E-02 FOR LAYER 71  
 WETDRY PARAMETER = 0.00000 FOR LAYER 71  
 HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 72  
 VERTICAL HYD. COND. = 0.589750 FOR LAYER 72  
 SPECIFIC STORAGE = 2.100000E-04 FOR LAYER 72  
 SPECIFIC YIELD = 2.000000E-02 FOR LAYER 72  
 WETDRY PARAMETER = 0.00000 FOR LAYER 72  
 HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 73  
 VERTICAL HYD. COND. = 0.589750 FOR LAYER 73  
 SPECIFIC STORAGE = 2.100000E-04 FOR LAYER 73  
 SPECIFIC YIELD = 2.000000E-02 FOR LAYER 73  
 WETDRY PARAMETER = 0.00000 FOR LAYER 73  
 HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 74  
 VERTICAL HYD. COND. = 0.589750 FOR LAYER 74  
 SPECIFIC STORAGE = 2.100000E-04 FOR LAYER 74  
 SPECIFIC YIELD = 2.000000E-02 FOR LAYER 74  
 WETDRY PARAMETER = 0.00000 FOR LAYER 74  
 HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 75  
 VERTICAL HYD. COND. = 0.589750 FOR LAYER 75  
 SPECIFIC STORAGE = 2.100000E-04 FOR LAYER 75  
 SPECIFIC YIELD = 2.000000E-02 FOR LAYER 75

SECTION\_A\_DESIGN\_CASE\_NOD3

WETDRY PARAMETER = 0.00000 FOR LAYER 75  
 HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 76  
 VERTICAL HYD. COND. = 0.589750 FOR LAYER 76  
 SPECIFIC STORAGE = 2.100000E-04 FOR LAYER 76  
 SPECIFIC YIELD = 2.000000E-02 FOR LAYER 76  
 WETDRY PARAMETER = 0.00000 FOR LAYER 76  
 HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 77  
 VERTICAL HYD. COND. = 0.589750 FOR LAYER 77  
 SPECIFIC STORAGE = 2.100000E-04 FOR LAYER 77  
 SPECIFIC YIELD = 2.000000E-02 FOR LAYER 77  
 WETDRY PARAMETER = 0.00000 FOR LAYER 77  
 HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 78  
 VERTICAL HYD. COND. = 0.589750 FOR LAYER 78  
 SPECIFIC STORAGE = 2.100000E-04 FOR LAYER 78  
 SPECIFIC YIELD = 2.000000E-02 FOR LAYER 78  
 WETDRY PARAMETER = 0.00000 FOR LAYER 78  
 HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 79  
 VERTICAL HYD. COND. = 0.589750 FOR LAYER 79  
 SPECIFIC STORAGE = 2.100000E-04 FOR LAYER 79  
 SPECIFIC YIELD = 2.000000E-02 FOR LAYER 79  
 WETDRY PARAMETER = 0.00000 FOR LAYER 79  
 HYD. COND. ALONG ROWS = 6.518300E-02 FOR LAYER 80  
 VERTICAL HYD. COND. = 0.589750 FOR LAYER 80  
 SPECIFIC STORAGE = 2.100000E-04 FOR LAYER 80  
 SPECIFIC YIELD = 2.000000E-02 FOR LAYER 80  
 WETDRY PARAMETER = 0.00000 FOR LAYER 80

DRN -- DRAIN PACKAGE, VERSION 7, 5/2/2005 INPUT READ FROM UNIT 13  
 No named parameters  
 MAXIMUM OF 35 ACTIVE DRAINS AT ONE TIME  
 CELL-BY-CELL FLOWS WILL BE SAVED ON UNIT 154

0 Drain parameters

RCH -- RECHARGE PACKAGE, VERSION 7, 5/2/2005 INPUT READ FROM UNIT 18  
 No named parameters  
 OPTION 3 -- RECHARGE TO HIGHEST ACTIVE NODE IN EACH VERTICAL COLUMN  
 CELL-BY-CELL FLOWS WILL BE SAVED ON UNIT 154

## SECTION\_A\_DESIGN\_CASE\_NOD3

0 Recharge parameters

HFB -- HORIZONTAL-FLOW BARRIER PACKAGE, VERSION 7, 5/2/2005.

INPUT READ FROM UNIT 31

0 PARAMETERS DEFINE A MAXIMUM OF 0 HORIZONTAL FLOW BARRIERS

84 HORIZONTAL FLOW BARRIERS NOT DEFINED BY PARAMETERS

0 HFB parameters

84 BARRIERS NOT DEFINED BY PARAMETERS

BARRIER	LAYER	IROW1	ICOL1	IROW2	ICOL2	HYDCHR
1	1	1	12	1	11	3.4488E-02
2	1	1	325	1	324	3.4488E-02
3	2	1	12	1	11	3.4488E-02
4	2	1	325	1	324	3.4488E-02
5	3	1	12	1	11	3.4488E-02
6	3	1	325	1	324	3.4488E-02
7	4	1	12	1	11	3.4488E-02
8	4	1	325	1	324	3.4488E-02
9	5	1	12	1	11	3.4488E-02
10	5	1	325	1	324	3.4488E-02
11	6	1	12	1	11	3.4488E-02
12	6	1	325	1	324	3.4488E-02
13	7	1	12	1	11	3.4488E-02
14	7	1	325	1	324	3.4488E-02
15	8	1	12	1	11	3.4488E-02
16	8	1	325	1	324	3.4488E-02
17	9	1	12	1	11	3.4488E-02
18	9	1	325	1	324	3.4488E-02
19	10	1	12	1	11	3.4488E-02
20	10	1	325	1	324	3.4488E-02
21	11	1	12	1	11	3.4488E-02
22	11	1	325	1	324	3.4488E-02
23	12	1	12	1	11	3.4488E-02
24	12	1	325	1	324	3.4488E-02
25	13	1	12	1	11	3.4488E-02
26	13	1	325	1	324	3.4488E-02
27	14	1	12	1	11	3.4488E-02
28	14	1	325	1	324	3.4488E-02
29	15	1	12	1	11	3.4488E-02
30	15	1	325	1	324	3.4488E-02
31	16	1	12	1	11	3.4488E-02
32	16	1	325	1	324	3.4488E-02
33	17	1	12	1	11	3.4488E-02
34	17	1	325	1	324	3.4488E-02
35	18	1	12	1	11	3.4488E-02
36	18	1	325	1	324	3.4488E-02
37	19	1	12	1	11	3.4488E-02
38	19	1	325	1	324	3.4488E-02
39	20	1	12	1	11	3.4488E-02
40	20	1	325	1	324	3.4488E-02
41	21	1	12	1	11	3.4488E-02
42	21	1	325	1	324	3.4488E-02
43	22	1	12	1	11	3.4488E-02
44	22	1	325	1	324	3.4488E-02
45	23	1	12	1	11	3.4488E-02
46	23	1	325	1	324	3.4488E-02
47	24	1	12	1	11	3.4488E-02
48	24	1	325	1	324	3.4488E-02
49	25	1	12	1	11	3.4488E-02
50	25	1	325	1	324	3.4488E-02

SECTION_A_DESIGN_CASE_NOD3					
51	26	1	325	1	324 3.4488E-02
52	27	1	325	1	324 3.4488E-02
53	28	1	325	1	324 3.4488E-02
54	29	1	325	1	324 3.4488E-02
55	30	1	325	1	324 3.4488E-02
56	31	1	325	1	324 3.4488E-02
57	32	1	325	1	324 3.4488E-02
58	33	1	325	1	324 3.4488E-02
59	34	1	325	1	324 3.4488E-02
60	35	1	325	1	324 3.4488E-02
61	36	1	325	1	324 3.4488E-02
62	37	1	325	1	324 3.4488E-02
63	38	1	325	1	324 3.4488E-02
64	39	1	325	1	324 3.4488E-02
65	40	1	325	1	324 3.4488E-02
66	41	1	325	1	324 3.4488E-02
67	42	1	325	1	324 3.4488E-02
68	43	1	325	1	324 3.4488E-02
69	44	1	325	1	324 3.4488E-02
70	45	1	325	1	324 3.4488E-02
71	46	1	325	1	324 3.4488E-02
72	47	1	325	1	324 3.4488E-02
73	48	1	325	1	324 3.4488E-02
74	49	1	325	1	324 3.4488E-02
75	50	1	325	1	324 3.4488E-02
76	51	1	325	1	324 3.4488E-02
77	52	1	325	1	324 3.4488E-02
78	53	1	325	1	324 3.4488E-02
79	54	1	325	1	324 3.4488E-02
80	55	1	325	1	324 3.4488E-02
81	56	1	325	1	324 3.4488E-02
82	57	1	325	1	324 3.4488E-02
83	58	1	325	1	324 3.4488E-02
84	59	1	325	1	324 3.4488E-02

84 HFB BARRIERS

PCG -- CONJUGATE-GRADIENT SOLUTION PACKAGE, VERSION 7, 5/2/2005  
 MAXIMUM OF 10000 CALLS OF SOLUTION ROUTINE  
 MAXIMUM OF 10 INTERNAL ITERATIONS PER CALL TO SOLUTION ROUTINE  
 MATRIX PRECONDITIONING TYPE : 1

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

-----  
 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 10000  
 MAXIMUM ITERATIONS PER CALL TO PCG = 10  
 MATRIX PRECONDITIONING TYPE = 1  
 RELAXATION FACTOR (ONLY USED WITH PRECOND. TYPE 1) = 0.10000E+01  
 PARAMETER OF POLYNOMIAL PRECOND. = 2 (2) OR IS CALCULATED : 2  
 HEAD CHANGE CRITERION FOR CLOSURE = 0.10000E-01  
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.10000E-01  
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 10  
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 0  
 DAMPING PARAMETER = 0.10000E+01

1

STRESS PERIOD NO. 1, LENGTH = 15.00000  
 -----

NUMBER OF TIME STEPS = 10  
 MULTIPLIER FOR DELT = 1.200  
 INITIAL TIME STEP SIZE = 0.5778412

## SECTION\_A\_DESIGN\_CASE\_NOD3

DRAIN NO.	LAYER	ROW	COL	DRAIN EL.	CONDUCTANCE
1	58	1	500	450.0	150.0
2	57	1	500	450.0	150.0
3	56	1	500	450.0	150.0
4	55	1	500	450.0	150.0
5	54	1	500	450.0	150.0
6	53	1	500	450.0	150.0
7	52	1	500	450.0	150.0
8	51	1	500	450.0	150.0
9	50	1	500	450.0	150.0
10	49	1	500	450.0	150.0
11	48	1	500	450.0	150.0
12	47	1	500	450.0	150.0
13	46	1	500	450.0	150.0
14	45	1	500	450.0	150.0
15	44	1	500	450.0	150.0
16	43	1	500	450.0	150.0
17	42	1	500	450.0	150.0
18	41	1	500	450.0	150.0
19	40	1	500	450.0	150.0
20	39	1	500	450.0	150.0
21	38	1	500	450.0	150.0
22	37	1	500	450.0	150.0
23	36	1	500	450.0	150.0
24	35	1	500	450.0	150.0
25	34	1	500	450.0	150.0
26	33	1	500	450.0	150.0
27	32	1	500	450.0	150.0
28	31	1	500	450.0	150.0
29	30	1	500	450.0	150.0
30	29	1	500	450.0	150.0
31	28	1	500	450.0	150.0
32	27	1	500	450.0	150.0
33	26	1	500	450.0	150.0
34	25	1	500	450.0	150.0
35	24	1	500	450.0	150.0

35 DRAINS

## RECHARGE

READING ON UNIT 18 WITH FORMAT: (15G11.4)

SOLVING FOR HEAD

CELL CONVERSIONS FOR ITER.= 1 LAYER= 1 STEP= 1 PERIOD= 1 (ROW, COL)

DRY( 1, 11)	DRY( 1, 12)	DRY( 1, 13)	DRY( 1, 14)	DRY( 1, 15)
DRY( 1, 16)	DRY( 1, 17)	DRY( 1, 18)	DRY( 1, 19)	DRY( 1, 20)
DRY( 1, 21)	DRY( 1, 22)	DRY( 1, 23)	DRY( 1, 24)	DRY( 1, 25)
DRY( 1, 26)	DRY( 1, 27)	DRY( 1, 28)	DRY( 1, 29)	DRY( 1, 30)
DRY( 1, 31)	DRY( 1, 32)	DRY( 1, 33)	DRY( 1, 34)	DRY( 1, 35)
DRY( 1, 36)	DRY( 1, 37)	DRY( 1, 38)	DRY( 1, 39)	DRY( 1, 40)
DRY( 1, 41)	DRY( 1, 42)	DRY( 1, 43)	DRY( 1, 44)	DRY( 1, 45)
DRY( 1, 46)	DRY( 1, 47)	DRY( 1, 48)	DRY( 1, 49)	DRY( 1, 50)
DRY( 1, 51)	DRY( 1, 52)	DRY( 1, 53)	DRY( 1, 54)	DRY( 1, 55)
DRY( 1, 56)	DRY( 1, 57)	DRY( 1, 58)	DRY( 1, 59)	DRY( 1, 60)
DRY( 1, 61)	DRY( 1, 62)	DRY( 1, 63)	DRY( 1, 64)	DRY( 1, 65)
DRY( 1, 66)	DRY( 1, 67)	DRY( 1, 68)	DRY( 1, 69)	DRY( 1, 70)
DRY( 1, 71)	DRY( 1, 72)	DRY( 1, 73)	DRY( 1, 74)	DRY( 1, 75)
DRY( 1, 76)	DRY( 1, 77)	DRY( 1, 78)	DRY( 1, 79)	DRY( 1, 80)
DRY( 1, 81)	DRY( 1, 82)	DRY( 1, 83)	DRY( 1, 84)	DRY( 1, 85)
DRY( 1, 86)	DRY( 1, 87)	DRY( 1, 88)	DRY( 1, 89)	DRY( 1, 90)





## SECTION\_A\_DESIGN\_CASE\_NOD3

DRY( 1,416)	DRY( 1,417)	DRY( 1,418)	DRY( 1,419)	DRY( 1,420)
DRY( 1,421)	DRY( 1,422)	DRY( 1,423)	DRY( 1,424)	DRY( 1,425)
DRY( 1,426)	DRY( 1,427)	DRY( 1,428)	DRY( 1,429)	DRY( 1,430)
DRY( 1,431)	DRY( 1,432)	DRY( 1,433)	DRY( 1,434)	DRY( 1,435)
DRY( 1,436)	DRY( 1,437)	DRY( 1,438)	DRY( 1,439)	DRY( 1,440)
DRY( 1,441)	DRY( 1,442)	DRY( 1,443)	DRY( 1,444)	DRY( 1,445)
DRY( 1,446)	DRY( 1,447)	DRY( 1,448)	DRY( 1,449)	DRY( 1,450)
DRY( 1,451)	DRY( 1,452)	DRY( 1,453)	DRY( 1,454)	DRY( 1,455)
DRY( 1,456)	DRY( 1,457)	DRY( 1,458)	DRY( 1,459)	DRY( 1,460)
DRY( 1,461)	DRY( 1,462)	DRY( 1,463)	DRY( 1,464)	DRY( 1,465)
DRY( 1,466)	DRY( 1,467)	DRY( 1,468)	DRY( 1,469)	DRY( 1,470)
DRY( 1,471)	DRY( 1,472)	DRY( 1,473)	DRY( 1,474)	DRY( 1,475)
DRY( 1,476)	DRY( 1,477)	DRY( 1,478)	DRY( 1,479)	DRY( 1,480)
DRY( 1,481)	DRY( 1,482)	DRY( 1,483)	DRY( 1,484)	DRY( 1,485)
DRY( 1,486)	DRY( 1,487)	DRY( 1,488)	DRY( 1,489)	DRY( 1,490)
DRY( 1,491)	DRY( 1,492)	DRY( 1,493)	DRY( 1,494)	DRY( 1,495)
DRY( 1,496)	DRY( 1,497)	DRY( 1,498)	DRY( 1,499)	DRY( 1,500)

CELL CONVERSIONS	FOR ITER.= 1	LAYER= 2	STEP= 1	PERIOD= 1	(ROW, COL)
DRY( 1, 13)	DRY( 1, 14)	DRY( 1, 15)	DRY( 1, 16)	DRY( 1, 17)	
DRY( 1, 18)	DRY( 1, 19)	DRY( 1, 20)	DRY( 1, 21)	DRY( 1, 22)	
DRY( 1, 23)	DRY( 1, 24)	DRY( 1, 25)	DRY( 1, 26)	DRY( 1, 27)	
DRY( 1, 28)	DRY( 1, 29)	DRY( 1, 30)	DRY( 1, 31)	DRY( 1, 32)	
DRY( 1, 33)	DRY( 1, 34)	DRY( 1, 35)	DRY( 1, 36)	DRY( 1, 37)	
DRY( 1, 38)	DRY( 1, 39)	DRY( 1, 40)	DRY( 1, 41)	DRY( 1, 42)	
DRY( 1, 43)	DRY( 1, 44)	DRY( 1, 45)	DRY( 1, 46)	DRY( 1, 47)	
DRY( 1, 48)	DRY( 1, 49)	DRY( 1, 50)	DRY( 1, 51)	DRY( 1, 52)	
DRY( 1, 53)	DRY( 1, 54)	DRY( 1, 55)	DRY( 1, 56)	DRY( 1, 57)	
DRY( 1, 58)	DRY( 1, 59)	DRY( 1, 60)	DRY( 1, 61)	DRY( 1, 62)	
DRY( 1, 63)	DRY( 1, 64)	DRY( 1, 65)	DRY( 1, 66)	DRY( 1, 67)	
DRY( 1, 68)	DRY( 1, 69)	DRY( 1, 70)	DRY( 1, 71)	DRY( 1, 72)	
DRY( 1, 73)	DRY( 1, 74)	DRY( 1, 75)	DRY( 1, 76)	DRY( 1, 77)	
DRY( 1, 78)	DRY( 1, 79)	DRY( 1, 80)	DRY( 1, 81)	DRY( 1, 82)	
DRY( 1, 83)	DRY( 1, 84)	DRY( 1, 85)	DRY( 1, 86)	DRY( 1, 87)	
DRY( 1, 88)	DRY( 1, 89)	DRY( 1, 90)	DRY( 1, 91)	DRY( 1, 92)	
DRY( 1, 93)	DRY( 1, 94)	DRY( 1, 95)	DRY( 1, 96)	DRY( 1, 97)	
DRY( 1, 98)	DRY( 1, 99)	DRY( 1,100)	DRY( 1,101)	DRY( 1,102)	
DRY( 1,103)	DRY( 1,104)	DRY( 1,105)	DRY( 1,106)	DRY( 1,107)	
DRY( 1,108)	DRY( 1,109)	DRY( 1,110)	DRY( 1,111)	DRY( 1,112)	
DRY( 1,113)	DRY( 1,114)	DRY( 1,115)	DRY( 1,116)	DRY( 1,117)	
DRY( 1,118)	DRY( 1,119)	DRY( 1,120)	DRY( 1,121)	DRY( 1,122)	
DRY( 1,123)	DRY( 1,124)	DRY( 1,125)	DRY( 1,126)	DRY( 1,127)	
DRY( 1,128)	DRY( 1,129)	DRY( 1,130)	DRY( 1,131)	DRY( 1,132)	
DRY( 1,133)	DRY( 1,134)	DRY( 1,135)	DRY( 1,136)	DRY( 1,137)	
DRY( 1,138)	DRY( 1,139)	DRY( 1,140)	DRY( 1,141)	DRY( 1,142)	
DRY( 1,143)	DRY( 1,144)	DRY( 1,145)	DRY( 1,146)	DRY( 1,147)	
DRY( 1,148)	DRY( 1,149)	DRY( 1,150)	DRY( 1,151)	DRY( 1,152)	
DRY( 1,153)	DRY( 1,154)	DRY( 1,155)	DRY( 1,156)	DRY( 1,157)	
DRY( 1,158)	DRY( 1,159)	DRY( 1,160)	DRY( 1,161)	DRY( 1,162)	
DRY( 1,163)	DRY( 1,164)	DRY( 1,165)	DRY( 1,166)	DRY( 1,167)	
DRY( 1,168)	DRY( 1,169)	DRY( 1,170)	DRY( 1,171)	DRY( 1,172)	
DRY( 1,173)	DRY( 1,174)	DRY( 1,175)	DRY( 1,176)	DRY( 1,177)	
DRY( 1,178)	DRY( 1,179)	DRY( 1,180)	DRY( 1,181)	DRY( 1,182)	
DRY( 1,183)	DRY( 1,184)	DRY( 1,185)	DRY( 1,186)	DRY( 1,187)	
DRY( 1,188)	DRY( 1,189)	DRY( 1,190)	DRY( 1,191)	DRY( 1,192)	
DRY( 1,193)	DRY( 1,194)	DRY( 1,195)	DRY( 1,196)	DRY( 1,197)	
DRY( 1,198)	DRY( 1,199)	DRY( 1,200)	DRY( 1,201)	DRY( 1,202)	
DRY( 1,203)	DRY( 1,204)	DRY( 1,205)	DRY( 1,206)	DRY( 1,207)	
DRY( 1,208)	DRY( 1,209)	DRY( 1,210)	DRY( 1,211)	DRY( 1,212)	
DRY( 1,213)	DRY( 1,214)	DRY( 1,215)	DRY( 1,216)	DRY( 1,217)	
DRY( 1,218)	DRY( 1,219)	DRY( 1,220)	DRY( 1,221)	DRY( 1,222)	
DRY( 1,223)	DRY( 1,224)	DRY( 1,225)	DRY( 1,226)	DRY( 1,227)	
DRY( 1,228)	DRY( 1,229)	DRY( 1,230)	DRY( 1,231)	DRY( 1,232)	
DRY( 1,233)	DRY( 1,234)	DRY( 1,235)	DRY( 1,236)	DRY( 1,237)	
DRY( 1,238)	DRY( 1,239)	DRY( 1,240)	DRY( 1,241)	DRY( 1,242)	

## SECTION\_A\_DESIGN\_CASE\_NOD3

DRY( 1,243)	DRY( 1,244)	DRY( 1,245)	DRY( 1,246)	DRY( 1,247)
DRY( 1,248)	DRY( 1,249)	DRY( 1,250)	DRY( 1,251)	DRY( 1,252)
DRY( 1,253)	DRY( 1,254)	DRY( 1,255)	DRY( 1,256)	DRY( 1,257)
DRY( 1,258)	DRY( 1,259)	DRY( 1,260)	DRY( 1,261)	DRY( 1,262)
DRY( 1,263)	DRY( 1,264)	DRY( 1,265)	DRY( 1,266)	DRY( 1,267)
DRY( 1,268)	DRY( 1,269)	DRY( 1,270)	DRY( 1,271)	DRY( 1,272)
DRY( 1,273)	DRY( 1,274)	DRY( 1,275)	DRY( 1,276)	DRY( 1,277)
DRY( 1,278)	DRY( 1,279)	DRY( 1,280)	DRY( 1,281)	DRY( 1,282)
DRY( 1,283)	DRY( 1,284)	DRY( 1,285)	DRY( 1,286)	DRY( 1,287)
DRY( 1,288)	DRY( 1,289)	DRY( 1,290)	DRY( 1,291)	DRY( 1,292)
DRY( 1,293)	DRY( 1,294)	DRY( 1,295)	DRY( 1,296)	DRY( 1,297)
DRY( 1,298)	DRY( 1,299)	DRY( 1,300)	DRY( 1,301)	DRY( 1,302)
DRY( 1,303)	DRY( 1,304)	DRY( 1,305)	DRY( 1,306)	DRY( 1,307)
DRY( 1,308)	DRY( 1,309)	DRY( 1,310)	DRY( 1,311)	DRY( 1,312)
DRY( 1,313)	DRY( 1,314)	DRY( 1,315)	DRY( 1,316)	DRY( 1,317)
DRY( 1,318)	DRY( 1,319)	DRY( 1,320)	DRY( 1,321)	DRY( 1,322)
DRY( 1,323)	DRY( 1,324)	DRY( 1,325)	DRY( 1,326)	DRY( 1,327)
DRY( 1,328)	DRY( 1,329)	DRY( 1,330)	DRY( 1,331)	DRY( 1,332)
DRY( 1,333)	DRY( 1,334)	DRY( 1,335)	DRY( 1,336)	DRY( 1,337)
DRY( 1,338)	DRY( 1,339)	DRY( 1,340)	DRY( 1,341)	DRY( 1,342)
DRY( 1,343)	DRY( 1,344)	DRY( 1,345)	DRY( 1,346)	DRY( 1,347)
DRY( 1,348)	DRY( 1,349)	DRY( 1,350)	DRY( 1,351)	DRY( 1,352)
DRY( 1,353)	DRY( 1,354)	DRY( 1,355)	DRY( 1,356)	DRY( 1,357)
DRY( 1,358)	DRY( 1,359)	DRY( 1,360)	DRY( 1,361)	DRY( 1,362)
DRY( 1,363)	DRY( 1,364)	DRY( 1,365)	DRY( 1,366)	DRY( 1,367)
DRY( 1,368)	DRY( 1,369)	DRY( 1,370)	DRY( 1,371)	DRY( 1,372)
DRY( 1,373)	DRY( 1,374)	DRY( 1,375)	DRY( 1,376)	DRY( 1,377)
DRY( 1,378)	DRY( 1,379)	DRY( 1,380)	DRY( 1,381)	DRY( 1,382)
DRY( 1,383)	DRY( 1,384)	DRY( 1,385)	DRY( 1,386)	DRY( 1,387)
DRY( 1,388)	DRY( 1,389)	DRY( 1,390)	DRY( 1,391)	DRY( 1,392)
DRY( 1,393)	DRY( 1,394)	DRY( 1,395)	DRY( 1,396)	DRY( 1,397)
DRY( 1,398)	DRY( 1,399)	DRY( 1,400)	DRY( 1,401)	DRY( 1,402)
DRY( 1,403)	DRY( 1,404)	DRY( 1,405)	DRY( 1,406)	DRY( 1,407)
DRY( 1,408)	DRY( 1,409)	DRY( 1,410)	DRY( 1,411)	DRY( 1,412)
DRY( 1,413)	DRY( 1,414)	DRY( 1,415)	DRY( 1,416)	DRY( 1,417)
DRY( 1,418)	DRY( 1,419)	DRY( 1,420)	DRY( 1,421)	DRY( 1,422)
DRY( 1,423)	DRY( 1,424)	DRY( 1,425)	DRY( 1,426)	DRY( 1,427)
DRY( 1,428)	DRY( 1,429)	DRY( 1,430)	DRY( 1,431)	DRY( 1,432)
DRY( 1,433)	DRY( 1,434)	DRY( 1,435)	DRY( 1,436)	DRY( 1,437)
DRY( 1,438)	DRY( 1,439)	DRY( 1,440)	DRY( 1,441)	DRY( 1,442)
DRY( 1,443)	DRY( 1,444)	DRY( 1,445)	DRY( 1,446)	DRY( 1,447)
DRY( 1,448)	DRY( 1,449)	DRY( 1,450)	DRY( 1,451)	DRY( 1,452)
DRY( 1,453)	DRY( 1,454)	DRY( 1,455)	DRY( 1,456)	DRY( 1,457)
DRY( 1,458)	DRY( 1,459)	DRY( 1,460)	DRY( 1,461)	DRY( 1,462)
DRY( 1,463)	DRY( 1,464)	DRY( 1,465)	DRY( 1,466)	DRY( 1,467)
DRY( 1,468)	DRY( 1,469)	DRY( 1,470)	DRY( 1,471)	DRY( 1,472)
DRY( 1,473)	DRY( 1,474)	DRY( 1,475)	DRY( 1,476)	DRY( 1,477)
DRY( 1,478)	DRY( 1,479)	DRY( 1,480)	DRY( 1,481)	DRY( 1,482)
DRY( 1,483)	DRY( 1,484)	DRY( 1,485)	DRY( 1,486)	DRY( 1,487)
DRY( 1,488)	DRY( 1,489)	DRY( 1,490)	DRY( 1,491)	DRY( 1,492)
DRY( 1,493)	DRY( 1,494)	DRY( 1,495)	DRY( 1,496)	DRY( 1,497)
DRY( 1,498)	DRY( 1,499)	DRY( 1,500)		

CELL CONVERSIONS	FOR ITER.= 1	LAYER= 3	STEP= 1	PERIOD= 1	(ROW, COL)
DRY( 1, 15)	DRY( 1, 16)	DRY( 1, 17)	DRY( 1, 18)	DRY( 1, 19)	
DRY( 1, 20)	DRY( 1, 21)	DRY( 1, 22)	DRY( 1, 23)	DRY( 1, 24)	
DRY( 1, 25)	DRY( 1, 26)	DRY( 1, 27)	DRY( 1, 28)	DRY( 1, 29)	
DRY( 1, 30)	DRY( 1, 31)	DRY( 1, 32)	DRY( 1, 33)	DRY( 1, 34)	
DRY( 1, 35)	DRY( 1, 36)	DRY( 1, 37)	DRY( 1, 38)	DRY( 1, 39)	
DRY( 1, 40)	DRY( 1, 41)	DRY( 1, 42)	DRY( 1, 43)	DRY( 1, 44)	
DRY( 1, 45)	DRY( 1, 46)	DRY( 1, 47)	DRY( 1, 48)	DRY( 1, 49)	
DRY( 1, 50)	DRY( 1, 51)	DRY( 1, 52)	DRY( 1, 53)	DRY( 1, 54)	
DRY( 1, 55)	DRY( 1, 56)	DRY( 1, 57)	DRY( 1, 58)	DRY( 1, 59)	
DRY( 1, 60)	DRY( 1, 61)	DRY( 1, 62)	DRY( 1, 63)	DRY( 1, 64)	
DRY( 1, 65)	DRY( 1, 66)	DRY( 1, 67)	DRY( 1, 68)	DRY( 1, 69)	



## SECTION\_A\_DESIGN\_CASE\_NOD3

DRY( 1,395)	DRY( 1,396)	DRY( 1,397)	DRY( 1,398)	DRY( 1,399)
DRY( 1,400)	DRY( 1,401)	DRY( 1,402)	DRY( 1,403)	DRY( 1,404)
DRY( 1,405)	DRY( 1,406)	DRY( 1,407)	DRY( 1,408)	DRY( 1,409)
DRY( 1,410)	DRY( 1,411)	DRY( 1,412)	DRY( 1,413)	DRY( 1,414)
DRY( 1,415)	DRY( 1,416)	DRY( 1,417)	DRY( 1,418)	DRY( 1,419)
DRY( 1,420)	DRY( 1,421)	DRY( 1,422)	DRY( 1,423)	DRY( 1,424)
DRY( 1,425)	DRY( 1,426)	DRY( 1,427)	DRY( 1,428)	DRY( 1,429)
DRY( 1,430)	DRY( 1,431)	DRY( 1,432)	DRY( 1,433)	DRY( 1,434)
DRY( 1,435)	DRY( 1,436)	DRY( 1,437)	DRY( 1,438)	DRY( 1,439)
DRY( 1,440)	DRY( 1,441)	DRY( 1,442)	DRY( 1,443)	DRY( 1,444)
DRY( 1,445)	DRY( 1,446)	DRY( 1,447)	DRY( 1,448)	DRY( 1,449)
DRY( 1,450)	DRY( 1,451)	DRY( 1,452)	DRY( 1,453)	DRY( 1,454)
DRY( 1,455)	DRY( 1,456)	DRY( 1,457)	DRY( 1,458)	DRY( 1,459)
DRY( 1,460)	DRY( 1,461)	DRY( 1,462)	DRY( 1,463)	DRY( 1,464)
DRY( 1,465)	DRY( 1,466)	DRY( 1,467)	DRY( 1,468)	DRY( 1,469)
DRY( 1,470)	DRY( 1,471)	DRY( 1,472)	DRY( 1,473)	DRY( 1,474)
DRY( 1,475)	DRY( 1,476)	DRY( 1,477)	DRY( 1,478)	DRY( 1,479)
DRY( 1,480)	DRY( 1,481)	DRY( 1,482)	DRY( 1,483)	DRY( 1,484)
DRY( 1,485)	DRY( 1,486)	DRY( 1,487)	DRY( 1,488)	DRY( 1,489)
DRY( 1,490)	DRY( 1,491)	DRY( 1,492)	DRY( 1,493)	DRY( 1,494)
DRY( 1,495)	DRY( 1,496)	DRY( 1,497)	DRY( 1,498)	DRY( 1,499)
DRY( 1,500)				

CELL CONVERSIONS	FOR ITER.= 1	LAYER= 4	STEP= 1	PERIOD= 1	(ROW, COL)
DRY( 1, 17)	DRY( 1, 18)	DRY( 1, 19)	DRY( 1, 20)	DRY( 1, 21)	
DRY( 1, 22)	DRY( 1, 23)	DRY( 1, 24)	DRY( 1, 25)	DRY( 1, 26)	
DRY( 1, 27)	DRY( 1, 28)	DRY( 1, 29)	DRY( 1, 30)	DRY( 1, 31)	
DRY( 1, 32)	DRY( 1, 33)	DRY( 1, 34)	DRY( 1, 35)	DRY( 1, 36)	
DRY( 1, 37)	DRY( 1, 38)	DRY( 1, 39)	DRY( 1, 40)	DRY( 1, 41)	
DRY( 1, 42)	DRY( 1, 43)	DRY( 1, 44)	DRY( 1, 45)	DRY( 1, 46)	
DRY( 1, 47)	DRY( 1, 48)	DRY( 1, 49)	DRY( 1, 50)	DRY( 1, 51)	
DRY( 1, 52)	DRY( 1, 53)	DRY( 1, 54)	DRY( 1, 55)	DRY( 1, 56)	
DRY( 1, 57)	DRY( 1, 58)	DRY( 1, 59)	DRY( 1, 60)	DRY( 1, 61)	
DRY( 1, 62)	DRY( 1, 63)	DRY( 1, 64)	DRY( 1, 65)	DRY( 1, 66)	
DRY( 1, 67)	DRY( 1, 68)	DRY( 1, 69)	DRY( 1, 70)	DRY( 1, 71)	
DRY( 1, 72)	DRY( 1, 73)	DRY( 1, 74)	DRY( 1, 75)	DRY( 1, 76)	
DRY( 1, 77)	DRY( 1, 78)	DRY( 1, 79)	DRY( 1, 80)	DRY( 1, 81)	
DRY( 1, 82)	DRY( 1, 83)	DRY( 1, 84)	DRY( 1, 85)	DRY( 1, 86)	
DRY( 1, 87)	DRY( 1, 88)	DRY( 1, 89)	DRY( 1, 90)	DRY( 1, 91)	
DRY( 1, 92)	DRY( 1, 93)	DRY( 1, 94)	DRY( 1, 95)	DRY( 1, 96)	
DRY( 1, 97)	DRY( 1, 98)	DRY( 1, 99)	DRY( 1,100)	DRY( 1,101)	
DRY( 1,102)	DRY( 1,103)	DRY( 1,104)	DRY( 1,105)	DRY( 1,106)	
DRY( 1,107)	DRY( 1,108)	DRY( 1,109)	DRY( 1,110)	DRY( 1,111)	
DRY( 1,112)	DRY( 1,113)	DRY( 1,114)	DRY( 1,115)	DRY( 1,116)	
DRY( 1,117)	DRY( 1,118)	DRY( 1,119)	DRY( 1,120)	DRY( 1,121)	
DRY( 1,122)	DRY( 1,123)	DRY( 1,124)	DRY( 1,125)	DRY( 1,126)	
DRY( 1,127)	DRY( 1,128)	DRY( 1,129)	DRY( 1,130)	DRY( 1,131)	
DRY( 1,132)	DRY( 1,133)	DRY( 1,134)	DRY( 1,135)	DRY( 1,136)	
DRY( 1,137)	DRY( 1,138)	DRY( 1,139)	DRY( 1,140)	DRY( 1,141)	
DRY( 1,142)	DRY( 1,143)	DRY( 1,144)	DRY( 1,145)	DRY( 1,146)	
DRY( 1,147)	DRY( 1,148)	DRY( 1,149)	DRY( 1,150)	DRY( 1,151)	
DRY( 1,152)	DRY( 1,153)	DRY( 1,154)	DRY( 1,155)	DRY( 1,156)	
DRY( 1,157)	DRY( 1,158)	DRY( 1,159)	DRY( 1,160)	DRY( 1,161)	
DRY( 1,162)	DRY( 1,163)	DRY( 1,164)	DRY( 1,165)	DRY( 1,166)	
DRY( 1,167)	DRY( 1,168)	DRY( 1,169)	DRY( 1,170)	DRY( 1,171)	
DRY( 1,172)	DRY( 1,173)	DRY( 1,174)	DRY( 1,175)	DRY( 1,176)	
DRY( 1,177)	DRY( 1,178)	DRY( 1,179)	DRY( 1,180)	DRY( 1,181)	
DRY( 1,182)	DRY( 1,183)	DRY( 1,184)	DRY( 1,185)	DRY( 1,186)	
DRY( 1,187)	DRY( 1,188)	DRY( 1,189)	DRY( 1,190)	DRY( 1,191)	
DRY( 1,192)	DRY( 1,193)	DRY( 1,194)	DRY( 1,195)	DRY( 1,196)	
DRY( 1,197)	DRY( 1,198)	DRY( 1,199)	DRY( 1,200)	DRY( 1,201)	
DRY( 1,202)	DRY( 1,203)	DRY( 1,204)	DRY( 1,205)	DRY( 1,206)	
DRY( 1,207)	DRY( 1,208)	DRY( 1,209)	DRY( 1,210)	DRY( 1,211)	
DRY( 1,212)	DRY( 1,213)	DRY( 1,214)	DRY( 1,215)	DRY( 1,216)	
DRY( 1,217)	DRY( 1,218)	DRY( 1,219)	DRY( 1,220)	DRY( 1,221)	

## SECTION\_A\_DESIGN\_CASE\_NOD3

DRY( 1,222)	DRY( 1,223)	DRY( 1,224)	DRY( 1,225)	DRY( 1,226)
DRY( 1,227)	DRY( 1,228)	DRY( 1,229)	DRY( 1,230)	DRY( 1,231)
DRY( 1,232)	DRY( 1,233)	DRY( 1,234)	DRY( 1,235)	DRY( 1,236)
DRY( 1,237)	DRY( 1,238)	DRY( 1,239)	DRY( 1,240)	DRY( 1,241)
DRY( 1,242)	DRY( 1,243)	DRY( 1,244)	DRY( 1,245)	DRY( 1,246)
DRY( 1,247)	DRY( 1,248)	DRY( 1,249)	DRY( 1,250)	DRY( 1,251)
DRY( 1,252)	DRY( 1,253)	DRY( 1,254)	DRY( 1,255)	DRY( 1,256)
DRY( 1,257)	DRY( 1,258)	DRY( 1,259)	DRY( 1,260)	DRY( 1,261)
DRY( 1,262)	DRY( 1,263)	DRY( 1,264)	DRY( 1,265)	DRY( 1,266)
DRY( 1,267)	DRY( 1,268)	DRY( 1,269)	DRY( 1,270)	DRY( 1,271)
DRY( 1,272)	DRY( 1,273)	DRY( 1,274)	DRY( 1,275)	DRY( 1,276)
DRY( 1,277)	DRY( 1,278)	DRY( 1,279)	DRY( 1,280)	DRY( 1,281)
DRY( 1,282)	DRY( 1,283)	DRY( 1,284)	DRY( 1,285)	DRY( 1,286)
DRY( 1,287)	DRY( 1,288)	DRY( 1,289)	DRY( 1,290)	DRY( 1,291)
DRY( 1,292)	DRY( 1,293)	DRY( 1,294)	DRY( 1,295)	DRY( 1,296)
DRY( 1,297)	DRY( 1,298)	DRY( 1,299)	DRY( 1,300)	DRY( 1,301)
DRY( 1,302)	DRY( 1,303)	DRY( 1,304)	DRY( 1,305)	DRY( 1,306)
DRY( 1,307)	DRY( 1,308)	DRY( 1,309)	DRY( 1,310)	DRY( 1,311)
DRY( 1,312)	DRY( 1,313)	DRY( 1,314)	DRY( 1,315)	DRY( 1,316)
DRY( 1,317)	DRY( 1,318)	DRY( 1,319)	DRY( 1,320)	DRY( 1,321)
DRY( 1,322)	DRY( 1,323)	DRY( 1,324)	DRY( 1,325)	DRY( 1,326)
DRY( 1,327)	DRY( 1,328)	DRY( 1,329)	DRY( 1,330)	DRY( 1,331)
DRY( 1,332)	DRY( 1,333)	DRY( 1,334)	DRY( 1,335)	DRY( 1,336)
DRY( 1,337)	DRY( 1,338)	DRY( 1,339)	DRY( 1,340)	DRY( 1,341)
DRY( 1,342)	DRY( 1,343)	DRY( 1,344)	DRY( 1,345)	DRY( 1,346)
DRY( 1,347)	DRY( 1,348)	DRY( 1,349)	DRY( 1,350)	DRY( 1,351)
DRY( 1,352)	DRY( 1,353)	DRY( 1,354)	DRY( 1,355)	DRY( 1,356)
DRY( 1,357)	DRY( 1,358)	DRY( 1,359)	DRY( 1,360)	DRY( 1,361)
DRY( 1,362)	DRY( 1,363)	DRY( 1,364)	DRY( 1,365)	DRY( 1,366)
DRY( 1,367)	DRY( 1,368)	DRY( 1,369)	DRY( 1,370)	DRY( 1,371)
DRY( 1,372)	DRY( 1,373)	DRY( 1,374)	DRY( 1,375)	DRY( 1,376)
DRY( 1,377)	DRY( 1,378)	DRY( 1,379)	DRY( 1,380)	DRY( 1,381)
DRY( 1,382)	DRY( 1,383)	DRY( 1,384)	DRY( 1,385)	DRY( 1,386)
DRY( 1,387)	DRY( 1,388)	DRY( 1,389)	DRY( 1,390)	DRY( 1,391)
DRY( 1,392)	DRY( 1,393)	DRY( 1,394)	DRY( 1,395)	DRY( 1,396)
DRY( 1,397)	DRY( 1,398)	DRY( 1,399)	DRY( 1,400)	DRY( 1,401)
DRY( 1,402)	DRY( 1,403)	DRY( 1,404)	DRY( 1,405)	DRY( 1,406)
DRY( 1,407)	DRY( 1,408)	DRY( 1,409)	DRY( 1,410)	DRY( 1,411)
DRY( 1,412)	DRY( 1,413)	DRY( 1,414)	DRY( 1,415)	DRY( 1,416)
DRY( 1,417)	DRY( 1,418)	DRY( 1,419)	DRY( 1,420)	DRY( 1,421)
DRY( 1,422)	DRY( 1,423)	DRY( 1,424)	DRY( 1,425)	DRY( 1,426)
DRY( 1,427)	DRY( 1,428)	DRY( 1,429)	DRY( 1,430)	DRY( 1,431)
DRY( 1,432)	DRY( 1,433)	DRY( 1,434)	DRY( 1,435)	DRY( 1,436)
DRY( 1,437)	DRY( 1,438)	DRY( 1,439)	DRY( 1,440)	DRY( 1,441)
DRY( 1,442)	DRY( 1,443)	DRY( 1,444)	DRY( 1,445)	DRY( 1,446)
DRY( 1,447)	DRY( 1,448)	DRY( 1,449)	DRY( 1,450)	DRY( 1,451)
DRY( 1,452)	DRY( 1,453)	DRY( 1,454)	DRY( 1,455)	DRY( 1,456)
DRY( 1,457)	DRY( 1,458)	DRY( 1,459)	DRY( 1,460)	DRY( 1,461)
DRY( 1,462)	DRY( 1,463)	DRY( 1,464)	DRY( 1,465)	DRY( 1,466)
DRY( 1,467)	DRY( 1,468)	DRY( 1,469)	DRY( 1,470)	DRY( 1,471)
DRY( 1,472)	DRY( 1,473)	DRY( 1,474)	DRY( 1,475)	DRY( 1,476)
DRY( 1,477)	DRY( 1,478)	DRY( 1,479)	DRY( 1,480)	DRY( 1,481)
DRY( 1,482)	DRY( 1,483)	DRY( 1,484)	DRY( 1,485)	DRY( 1,486)
DRY( 1,487)	DRY( 1,488)	DRY( 1,489)	DRY( 1,490)	DRY( 1,491)
DRY( 1,492)	DRY( 1,493)	DRY( 1,494)	DRY( 1,495)	DRY( 1,496)
DRY( 1,497)	DRY( 1,498)	DRY( 1,499)	DRY( 1,500)	

CELL CONVERSIONS	FOR ITER.= 1	LAYER= 5	STEP= 1	PERIOD= 1	(ROW,COL)
DRY( 1, 19)	DRY( 1, 20)	DRY( 1, 21)	DRY( 1, 22)	DRY( 1, 23)	
DRY( 1, 24)	DRY( 1, 25)	DRY( 1, 26)	DRY( 1, 27)	DRY( 1, 28)	
DRY( 1, 29)	DRY( 1, 30)	DRY( 1, 31)	DRY( 1, 32)	DRY( 1, 33)	
DRY( 1, 34)	DRY( 1, 35)	DRY( 1, 36)	DRY( 1, 37)	DRY( 1, 38)	
DRY( 1, 39)	DRY( 1, 40)	DRY( 1, 41)	DRY( 1, 42)	DRY( 1, 43)	
DRY( 1, 44)	DRY( 1, 45)	DRY( 1, 46)	DRY( 1, 47)	DRY( 1, 48)	
DRY( 1, 49)	DRY( 1, 50)	DRY( 1, 51)	DRY( 1, 52)	DRY( 1, 53)	



## SECTION\_A\_DESIGN\_CASE\_NOD3

DRY( 1, 379)	DRY( 1, 380)	DRY( 1, 381)	DRY( 1, 382)	DRY( 1, 383)
DRY( 1, 384)	DRY( 1, 385)	DRY( 1, 386)	DRY( 1, 387)	DRY( 1, 388)
DRY( 1, 389)	DRY( 1, 390)	DRY( 1, 391)	DRY( 1, 392)	DRY( 1, 393)
DRY( 1, 394)	DRY( 1, 395)	DRY( 1, 396)	DRY( 1, 397)	DRY( 1, 398)
DRY( 1, 399)	DRY( 1, 400)	DRY( 1, 401)	DRY( 1, 402)	DRY( 1, 403)
DRY( 1, 404)	DRY( 1, 405)	DRY( 1, 406)	DRY( 1, 407)	DRY( 1, 408)
DRY( 1, 409)	DRY( 1, 410)	DRY( 1, 411)	DRY( 1, 412)	DRY( 1, 413)
DRY( 1, 414)	DRY( 1, 415)	DRY( 1, 416)	DRY( 1, 417)	DRY( 1, 418)
DRY( 1, 419)	DRY( 1, 420)	DRY( 1, 421)	DRY( 1, 422)	DRY( 1, 423)
DRY( 1, 424)	DRY( 1, 425)	DRY( 1, 426)	DRY( 1, 427)	DRY( 1, 428)
DRY( 1, 429)	DRY( 1, 430)	DRY( 1, 431)	DRY( 1, 432)	DRY( 1, 433)
DRY( 1, 434)	DRY( 1, 435)	DRY( 1, 436)	DRY( 1, 437)	DRY( 1, 438)
DRY( 1, 439)	DRY( 1, 440)	DRY( 1, 441)	DRY( 1, 442)	DRY( 1, 443)
DRY( 1, 444)	DRY( 1, 445)	DRY( 1, 446)	DRY( 1, 447)	DRY( 1, 448)
DRY( 1, 449)	DRY( 1, 450)	DRY( 1, 451)	DRY( 1, 452)	DRY( 1, 453)
DRY( 1, 454)	DRY( 1, 455)	DRY( 1, 456)	DRY( 1, 457)	DRY( 1, 458)
DRY( 1, 459)	DRY( 1, 460)	DRY( 1, 461)	DRY( 1, 462)	DRY( 1, 463)
DRY( 1, 464)	DRY( 1, 465)	DRY( 1, 466)	DRY( 1, 467)	DRY( 1, 468)
DRY( 1, 469)	DRY( 1, 470)	DRY( 1, 471)	DRY( 1, 472)	DRY( 1, 473)
DRY( 1, 474)	DRY( 1, 475)	DRY( 1, 476)	DRY( 1, 477)	DRY( 1, 478)
DRY( 1, 479)	DRY( 1, 480)	DRY( 1, 481)	DRY( 1, 482)	DRY( 1, 483)
DRY( 1, 484)	DRY( 1, 485)	DRY( 1, 486)	DRY( 1, 487)	DRY( 1, 488)
DRY( 1, 489)	DRY( 1, 490)	DRY( 1, 491)	DRY( 1, 492)	DRY( 1, 493)
DRY( 1, 494)	DRY( 1, 495)	DRY( 1, 496)	DRY( 1, 497)	DRY( 1, 498)
DRY( 1, 499)	DRY( 1, 500)			

CELL CONVERSIONS	FOR ITER.= 1	LAYER= 6	STEP= 1	PERIOD= 1	(ROW, COL)
DRY( 1, 21)	DRY( 1, 22)	DRY( 1, 23)	DRY( 1, 24)	DRY( 1, 25)	
DRY( 1, 26)	DRY( 1, 27)	DRY( 1, 28)	DRY( 1, 29)	DRY( 1, 30)	
DRY( 1, 31)	DRY( 1, 32)	DRY( 1, 33)	DRY( 1, 34)	DRY( 1, 35)	
DRY( 1, 36)	DRY( 1, 37)	DRY( 1, 38)	DRY( 1, 39)	DRY( 1, 40)	
DRY( 1, 41)	DRY( 1, 42)	DRY( 1, 43)	DRY( 1, 44)	DRY( 1, 45)	
DRY( 1, 46)	DRY( 1, 47)	DRY( 1, 48)	DRY( 1, 49)	DRY( 1, 50)	
DRY( 1, 51)	DRY( 1, 52)	DRY( 1, 53)	DRY( 1, 54)	DRY( 1, 55)	
DRY( 1, 56)	DRY( 1, 57)	DRY( 1, 58)	DRY( 1, 59)	DRY( 1, 60)	
DRY( 1, 61)	DRY( 1, 62)	DRY( 1, 63)	DRY( 1, 64)	DRY( 1, 65)	
DRY( 1, 66)	DRY( 1, 67)	DRY( 1, 68)	DRY( 1, 69)	DRY( 1, 70)	
DRY( 1, 71)	DRY( 1, 72)	DRY( 1, 73)	DRY( 1, 74)	DRY( 1, 75)	
DRY( 1, 76)	DRY( 1, 77)	DRY( 1, 78)	DRY( 1, 79)	DRY( 1, 80)	
DRY( 1, 81)	DRY( 1, 82)	DRY( 1, 83)	DRY( 1, 84)	DRY( 1, 85)	
DRY( 1, 86)	DRY( 1, 87)	DRY( 1, 88)	DRY( 1, 89)	DRY( 1, 90)	
DRY( 1, 91)	DRY( 1, 92)	DRY( 1, 93)	DRY( 1, 94)	DRY( 1, 95)	
DRY( 1, 96)	DRY( 1, 97)	DRY( 1, 98)	DRY( 1, 99)	DRY( 1, 100)	
DRY( 1, 101)	DRY( 1, 102)	DRY( 1, 103)	DRY( 1, 104)	DRY( 1, 105)	
DRY( 1, 106)	DRY( 1, 107)	DRY( 1, 108)	DRY( 1, 109)	DRY( 1, 110)	
DRY( 1, 111)	DRY( 1, 112)	DRY( 1, 113)	DRY( 1, 114)	DRY( 1, 115)	
DRY( 1, 116)	DRY( 1, 117)	DRY( 1, 118)	DRY( 1, 119)	DRY( 1, 120)	
DRY( 1, 121)	DRY( 1, 122)	DRY( 1, 123)	DRY( 1, 124)	DRY( 1, 125)	
DRY( 1, 126)	DRY( 1, 127)	DRY( 1, 128)	DRY( 1, 129)	DRY( 1, 130)	
DRY( 1, 131)	DRY( 1, 132)	DRY( 1, 133)	DRY( 1, 134)	DRY( 1, 135)	
DRY( 1, 136)	DRY( 1, 137)	DRY( 1, 138)	DRY( 1, 139)	DRY( 1, 140)	
DRY( 1, 141)	DRY( 1, 142)	DRY( 1, 143)	DRY( 1, 144)	DRY( 1, 145)	
DRY( 1, 146)	DRY( 1, 147)	DRY( 1, 148)	DRY( 1, 149)	DRY( 1, 150)	
DRY( 1, 151)	DRY( 1, 152)	DRY( 1, 153)	DRY( 1, 154)	DRY( 1, 155)	
DRY( 1, 156)	DRY( 1, 157)	DRY( 1, 158)	DRY( 1, 159)	DRY( 1, 160)	
DRY( 1, 161)	DRY( 1, 162)	DRY( 1, 163)	DRY( 1, 164)	DRY( 1, 165)	
DRY( 1, 166)	DRY( 1, 167)	DRY( 1, 168)	DRY( 1, 169)	DRY( 1, 170)	
DRY( 1, 171)	DRY( 1, 172)	DRY( 1, 173)	DRY( 1, 174)	DRY( 1, 175)	
DRY( 1, 176)	DRY( 1, 177)	DRY( 1, 178)	DRY( 1, 179)	DRY( 1, 180)	
DRY( 1, 181)	DRY( 1, 182)	DRY( 1, 183)	DRY( 1, 184)	DRY( 1, 185)	
DRY( 1, 186)	DRY( 1, 187)	DRY( 1, 188)	DRY( 1, 189)	DRY( 1, 190)	
DRY( 1, 191)	DRY( 1, 192)	DRY( 1, 193)	DRY( 1, 194)	DRY( 1, 195)	
DRY( 1, 196)	DRY( 1, 197)	DRY( 1, 198)	DRY( 1, 199)	DRY( 1, 200)	
DRY( 1, 201)	DRY( 1, 202)	DRY( 1, 203)	DRY( 1, 204)	DRY( 1, 205)	
DRY( 1, 206)	DRY( 1, 207)	DRY( 1, 208)	DRY( 1, 209)	DRY( 1, 210)	







## SECTION\_A\_DESIGN\_CASE\_NOD3

DRY( 1, 373)	DRY( 1, 374)	DRY( 1, 375)	DRY( 1, 376)	DRY( 1, 377)
DRY( 1, 378)	DRY( 1, 379)	DRY( 1, 380)	DRY( 1, 381)	DRY( 1, 382)
DRY( 1, 383)	DRY( 1, 384)	DRY( 1, 385)	DRY( 1, 386)	DRY( 1, 387)
DRY( 1, 388)	DRY( 1, 389)	DRY( 1, 390)	DRY( 1, 391)	DRY( 1, 392)
DRY( 1, 393)	DRY( 1, 394)	DRY( 1, 395)	DRY( 1, 396)	DRY( 1, 397)
DRY( 1, 398)	DRY( 1, 399)	DRY( 1, 400)	DRY( 1, 401)	DRY( 1, 402)
DRY( 1, 403)	DRY( 1, 404)	DRY( 1, 405)	DRY( 1, 406)	DRY( 1, 407)
DRY( 1, 408)	DRY( 1, 409)	DRY( 1, 410)	DRY( 1, 411)	DRY( 1, 412)
DRY( 1, 413)	DRY( 1, 414)	DRY( 1, 415)	DRY( 1, 416)	DRY( 1, 417)
DRY( 1, 418)	DRY( 1, 419)	DRY( 1, 420)	DRY( 1, 421)	DRY( 1, 422)
DRY( 1, 423)	DRY( 1, 424)	DRY( 1, 425)	DRY( 1, 426)	DRY( 1, 427)
DRY( 1, 428)	DRY( 1, 429)	DRY( 1, 430)	DRY( 1, 431)	DRY( 1, 432)
DRY( 1, 433)	DRY( 1, 434)	DRY( 1, 435)	DRY( 1, 436)	DRY( 1, 437)
DRY( 1, 438)	DRY( 1, 439)	DRY( 1, 440)	DRY( 1, 441)	DRY( 1, 442)
DRY( 1, 443)	DRY( 1, 444)	DRY( 1, 445)	DRY( 1, 446)	DRY( 1, 447)
DRY( 1, 448)	DRY( 1, 449)	DRY( 1, 450)	DRY( 1, 451)	DRY( 1, 452)
DRY( 1, 453)	DRY( 1, 454)	DRY( 1, 455)	DRY( 1, 456)	DRY( 1, 457)
DRY( 1, 458)	DRY( 1, 459)	DRY( 1, 460)	DRY( 1, 461)	DRY( 1, 462)
DRY( 1, 463)	DRY( 1, 464)	DRY( 1, 465)	DRY( 1, 466)	DRY( 1, 467)
DRY( 1, 468)	DRY( 1, 469)	DRY( 1, 470)	DRY( 1, 471)	DRY( 1, 472)
DRY( 1, 473)	DRY( 1, 474)	DRY( 1, 475)	DRY( 1, 476)	DRY( 1, 477)
DRY( 1, 478)	DRY( 1, 479)	DRY( 1, 480)	DRY( 1, 481)	DRY( 1, 482)
DRY( 1, 483)	DRY( 1, 484)	DRY( 1, 485)	DRY( 1, 486)	DRY( 1, 487)
DRY( 1, 488)	DRY( 1, 489)	DRY( 1, 490)	DRY( 1, 491)	DRY( 1, 492)
DRY( 1, 493)	DRY( 1, 494)	DRY( 1, 495)	DRY( 1, 496)	DRY( 1, 497)
DRY( 1, 498)	DRY( 1, 499)	DRY( 1, 500)		

CELL CONVERSIONS	FOR ITER.= 1	LAYER= 8	STEP= 1	PERIOD= 1	(ROW, COL)
DRY( 1, 25)	DRY( 1, 26)	DRY( 1, 27)	DRY( 1, 28)	DRY( 1, 29)	
DRY( 1, 30)	DRY( 1, 31)	DRY( 1, 32)	DRY( 1, 33)	DRY( 1, 34)	
DRY( 1, 35)	DRY( 1, 36)	DRY( 1, 37)	DRY( 1, 38)	DRY( 1, 39)	
DRY( 1, 40)	DRY( 1, 41)	DRY( 1, 42)	DRY( 1, 43)	DRY( 1, 44)	
DRY( 1, 45)	DRY( 1, 46)	DRY( 1, 47)	DRY( 1, 48)	DRY( 1, 49)	
DRY( 1, 50)	DRY( 1, 51)	DRY( 1, 52)	DRY( 1, 53)	DRY( 1, 54)	
DRY( 1, 55)	DRY( 1, 56)	DRY( 1, 57)	DRY( 1, 58)	DRY( 1, 59)	
DRY( 1, 60)	DRY( 1, 61)	DRY( 1, 62)	DRY( 1, 63)	DRY( 1, 64)	
DRY( 1, 65)	DRY( 1, 66)	DRY( 1, 67)	DRY( 1, 68)	DRY( 1, 69)	
DRY( 1, 70)	DRY( 1, 71)	DRY( 1, 72)	DRY( 1, 73)	DRY( 1, 74)	
DRY( 1, 75)	DRY( 1, 76)	DRY( 1, 77)	DRY( 1, 78)	DRY( 1, 79)	
DRY( 1, 80)	DRY( 1, 81)	DRY( 1, 82)	DRY( 1, 83)	DRY( 1, 84)	
DRY( 1, 85)	DRY( 1, 86)	DRY( 1, 87)	DRY( 1, 88)	DRY( 1, 89)	
DRY( 1, 90)	DRY( 1, 91)	DRY( 1, 92)	DRY( 1, 93)	DRY( 1, 94)	
DRY( 1, 95)	DRY( 1, 96)	DRY( 1, 97)	DRY( 1, 98)	DRY( 1, 99)	
DRY( 1,100)	DRY( 1,101)	DRY( 1,102)	DRY( 1,103)	DRY( 1,104)	
DRY( 1,105)	DRY( 1,106)	DRY( 1,107)	DRY( 1,108)	DRY( 1,109)	
DRY( 1,110)	DRY( 1,111)	DRY( 1,112)	DRY( 1,113)	DRY( 1,114)	
DRY( 1,115)	DRY( 1,116)	DRY( 1,117)	DRY( 1,118)	DRY( 1,119)	
DRY( 1,120)	DRY( 1,121)	DRY( 1,122)	DRY( 1,123)	DRY( 1,124)	
DRY( 1,125)	DRY( 1,126)	DRY( 1,127)	DRY( 1,128)	DRY( 1,129)	
DRY( 1,130)	DRY( 1,131)	DRY( 1,132)	DRY( 1,133)	DRY( 1,134)	
DRY( 1,135)	DRY( 1,136)	DRY( 1,137)	DRY( 1,138)	DRY( 1,139)	
DRY( 1,140)	DRY( 1,141)	DRY( 1,142)	DRY( 1,143)	DRY( 1,144)	
DRY( 1,145)	DRY( 1,146)	DRY( 1,147)	DRY( 1,148)	DRY( 1,149)	
DRY( 1,150)	DRY( 1,151)	DRY( 1,152)	DRY( 1,153)	DRY( 1,154)	
DRY( 1,155)	DRY( 1,156)	DRY( 1,157)	DRY( 1,158)	DRY( 1,159)	
DRY( 1,160)	DRY( 1,161)	DRY( 1,162)	DRY( 1,163)	DRY( 1,164)	
DRY( 1,165)	DRY( 1,166)	DRY( 1,167)	DRY( 1,168)	DRY( 1,169)	
DRY( 1,170)	DRY( 1,171)	DRY( 1,172)	DRY( 1,173)	DRY( 1,174)	
DRY( 1,175)	DRY( 1,176)	DRY( 1,177)	DRY( 1,178)	DRY( 1,179)	
DRY( 1,180)	DRY( 1,181)	DRY( 1,182)	DRY( 1,183)	DRY( 1,184)	
DRY( 1,185)	DRY( 1,186)	DRY( 1,187)	DRY( 1,188)	DRY( 1,189)	
DRY( 1,190)	DRY( 1,191)	DRY( 1,192)	DRY( 1,193)	DRY( 1,194)	
DRY( 1,195)	DRY( 1,196)	DRY( 1,197)	DRY( 1,198)	DRY( 1,199)	
DRY( 1,200)	DRY( 1,201)	DRY( 1,202)	DRY( 1,203)	DRY( 1,204)	
DRY( 1,205)	DRY( 1,206)	DRY( 1,207)	DRY( 1,208)	DRY( 1,209)	

## SECTION\_A\_DESIGN\_CASE\_NOD3

DRY( 1,210)	DRY( 1,211)	DRY( 1,212)	DRY( 1,213)	DRY( 1,214)
DRY( 1,215)	DRY( 1,216)	DRY( 1,217)	DRY( 1,218)	DRY( 1,219)
DRY( 1,220)	DRY( 1,221)	DRY( 1,222)	DRY( 1,223)	DRY( 1,224)
DRY( 1,225)	DRY( 1,226)	DRY( 1,227)	DRY( 1,228)	DRY( 1,229)
DRY( 1,230)	DRY( 1,231)	DRY( 1,232)	DRY( 1,233)	DRY( 1,234)
DRY( 1,235)	DRY( 1,236)	DRY( 1,237)	DRY( 1,238)	DRY( 1,239)
DRY( 1,240)	DRY( 1,241)	DRY( 1,242)	DRY( 1,243)	DRY( 1,244)
DRY( 1,245)	DRY( 1,246)	DRY( 1,247)	DRY( 1,248)	DRY( 1,249)
DRY( 1,250)	DRY( 1,251)	DRY( 1,252)	DRY( 1,253)	DRY( 1,254)
DRY( 1,255)	DRY( 1,256)	DRY( 1,257)	DRY( 1,258)	DRY( 1,259)
DRY( 1,260)	DRY( 1,261)	DRY( 1,262)	DRY( 1,263)	DRY( 1,264)
DRY( 1,265)	DRY( 1,266)	DRY( 1,267)	DRY( 1,268)	DRY( 1,269)
DRY( 1,270)	DRY( 1,271)	DRY( 1,272)	DRY( 1,273)	DRY( 1,274)
DRY( 1,275)	DRY( 1,276)	DRY( 1,277)	DRY( 1,278)	DRY( 1,279)
DRY( 1,280)	DRY( 1,281)	DRY( 1,282)	DRY( 1,283)	DRY( 1,284)
DRY( 1,285)	DRY( 1,286)	DRY( 1,287)	DRY( 1,288)	DRY( 1,289)
DRY( 1,290)	DRY( 1,291)	DRY( 1,292)	DRY( 1,293)	DRY( 1,294)
DRY( 1,295)	DRY( 1,296)	DRY( 1,297)	DRY( 1,298)	DRY( 1,299)
DRY( 1,300)	DRY( 1,301)	DRY( 1,302)	DRY( 1,303)	DRY( 1,304)
DRY( 1,305)	DRY( 1,306)	DRY( 1,307)	DRY( 1,308)	DRY( 1,309)
DRY( 1,310)	DRY( 1,311)	DRY( 1,312)	DRY( 1,313)	DRY( 1,314)
DRY( 1,315)	DRY( 1,316)	DRY( 1,317)	DRY( 1,318)	DRY( 1,319)
DRY( 1,320)	DRY( 1,321)	DRY( 1,322)	DRY( 1,323)	DRY( 1,324)
DRY( 1,325)	DRY( 1,326)	DRY( 1,327)	DRY( 1,328)	DRY( 1,329)
DRY( 1,330)	DRY( 1,331)	DRY( 1,332)	DRY( 1,333)	DRY( 1,334)
DRY( 1,335)	DRY( 1,336)	DRY( 1,337)	DRY( 1,338)	DRY( 1,339)
DRY( 1,340)	DRY( 1,341)	DRY( 1,342)	DRY( 1,343)	DRY( 1,344)
DRY( 1,345)	DRY( 1,346)	DRY( 1,347)	DRY( 1,348)	DRY( 1,349)
DRY( 1,350)	DRY( 1,351)	DRY( 1,352)	DRY( 1,353)	DRY( 1,354)
DRY( 1,355)	DRY( 1,356)	DRY( 1,357)	DRY( 1,358)	DRY( 1,359)
DRY( 1,360)	DRY( 1,361)	DRY( 1,362)	DRY( 1,363)	DRY( 1,364)
DRY( 1,365)	DRY( 1,366)	DRY( 1,367)	DRY( 1,368)	DRY( 1,369)
DRY( 1,370)	DRY( 1,371)	DRY( 1,372)	DRY( 1,373)	DRY( 1,374)
DRY( 1,375)	DRY( 1,376)	DRY( 1,377)	DRY( 1,378)	DRY( 1,379)
DRY( 1,380)	DRY( 1,381)	DRY( 1,382)	DRY( 1,383)	DRY( 1,384)
DRY( 1,385)	DRY( 1,386)	DRY( 1,387)	DRY( 1,388)	DRY( 1,389)
DRY( 1,390)	DRY( 1,391)	DRY( 1,392)	DRY( 1,393)	DRY( 1,394)
DRY( 1,395)	DRY( 1,396)	DRY( 1,397)	DRY( 1,398)	DRY( 1,399)
DRY( 1,400)	DRY( 1,401)	DRY( 1,402)	DRY( 1,403)	DRY( 1,404)
DRY( 1,405)	DRY( 1,406)	DRY( 1,407)	DRY( 1,408)	DRY( 1,409)
DRY( 1,410)	DRY( 1,411)	DRY( 1,412)	DRY( 1,413)	DRY( 1,414)
DRY( 1,415)	DRY( 1,416)	DRY( 1,417)	DRY( 1,418)	DRY( 1,419)
DRY( 1,420)	DRY( 1,421)	DRY( 1,422)	DRY( 1,423)	DRY( 1,424)
DRY( 1,425)	DRY( 1,426)	DRY( 1,427)	DRY( 1,428)	DRY( 1,429)
DRY( 1,430)	DRY( 1,431)	DRY( 1,432)	DRY( 1,433)	DRY( 1,434)
DRY( 1,435)	DRY( 1,436)	DRY( 1,437)	DRY( 1,438)	DRY( 1,439)
DRY( 1,440)	DRY( 1,441)	DRY( 1,442)	DRY( 1,443)	DRY( 1,444)
DRY( 1,445)	DRY( 1,446)	DRY( 1,447)	DRY( 1,448)	DRY( 1,449)
DRY( 1,450)	DRY( 1,451)	DRY( 1,452)	DRY( 1,453)	DRY( 1,454)
DRY( 1,455)	DRY( 1,456)	DRY( 1,457)	DRY( 1,458)	DRY( 1,459)
DRY( 1,460)	DRY( 1,461)	DRY( 1,462)	DRY( 1,463)	DRY( 1,464)
DRY( 1,465)	DRY( 1,466)	DRY( 1,467)	DRY( 1,468)	DRY( 1,469)
DRY( 1,470)	DRY( 1,471)	DRY( 1,472)	DRY( 1,473)	DRY( 1,474)
DRY( 1,475)	DRY( 1,476)	DRY( 1,477)	DRY( 1,478)	DRY( 1,479)
DRY( 1,480)	DRY( 1,481)	DRY( 1,482)	DRY( 1,483)	DRY( 1,484)
DRY( 1,485)	DRY( 1,486)	DRY( 1,487)	DRY( 1,488)	DRY( 1,489)
DRY( 1,490)	DRY( 1,491)	DRY( 1,492)	DRY( 1,493)	DRY( 1,494)
DRY( 1,495)	DRY( 1,496)	DRY( 1,497)	DRY( 1,498)	DRY( 1,499)
DRY( 1,500)				

CELL CONVERSIONS	FOR ITER.= 1	LAYER= 9	STEP= 1	PERIOD= 1	(ROW, COL)
DRY( 1, 58)	DRY( 1, 59)	DRY( 1, 60)	DRY( 1, 61)	DRY( 1, 62)	
DRY( 1, 63)	DRY( 1, 64)	DRY( 1, 65)	DRY( 1, 66)	DRY( 1, 67)	
DRY( 1, 68)	DRY( 1, 69)	DRY( 1, 70)	DRY( 1, 71)	DRY( 1, 72)	
DRY( 1, 73)	DRY( 1, 74)	DRY( 1, 75)	DRY( 1, 76)	DRY( 1, 77)	





## SECTION\_A\_DESIGN\_CASE\_NOD3

DRY( 1,329)	DRY( 1,330)	DRY( 1,331)	DRY( 1,332)	DRY( 1,333)
DRY( 1,334)	DRY( 1,335)	DRY( 1,336)	DRY( 1,337)	DRY( 1,338)
DRY( 1,339)	DRY( 1,340)	DRY( 1,341)	DRY( 1,342)	DRY( 1,343)
DRY( 1,344)	DRY( 1,345)	DRY( 1,346)	DRY( 1,347)	DRY( 1,348)
DRY( 1,349)	DRY( 1,350)	DRY( 1,351)	DRY( 1,352)	DRY( 1,353)
DRY( 1,354)	DRY( 1,355)	DRY( 1,356)	DRY( 1,357)	DRY( 1,358)
DRY( 1,359)	DRY( 1,360)	DRY( 1,361)	DRY( 1,362)	DRY( 1,363)
DRY( 1,364)	DRY( 1,365)	DRY( 1,366)	DRY( 1,367)	DRY( 1,368)
DRY( 1,369)	DRY( 1,370)	DRY( 1,371)	DRY( 1,372)	DRY( 1,373)
DRY( 1,374)	DRY( 1,375)	DRY( 1,376)	DRY( 1,377)	DRY( 1,378)
DRY( 1,379)	DRY( 1,380)	DRY( 1,381)	DRY( 1,382)	DRY( 1,383)
DRY( 1,384)	DRY( 1,385)	DRY( 1,386)	DRY( 1,387)	DRY( 1,388)
DRY( 1,389)	DRY( 1,390)	DRY( 1,391)	DRY( 1,392)	DRY( 1,393)
DRY( 1,394)	DRY( 1,395)	DRY( 1,396)	DRY( 1,397)	DRY( 1,398)
DRY( 1,399)	DRY( 1,400)	DRY( 1,401)	DRY( 1,402)	DRY( 1,403)
DRY( 1,404)	DRY( 1,405)	DRY( 1,406)	DRY( 1,407)	DRY( 1,408)
DRY( 1,409)	DRY( 1,410)	DRY( 1,411)	DRY( 1,412)	DRY( 1,413)
DRY( 1,414)	DRY( 1,415)	DRY( 1,416)	DRY( 1,417)	DRY( 1,418)
DRY( 1,419)	DRY( 1,420)	DRY( 1,421)	DRY( 1,422)	DRY( 1,423)
DRY( 1,424)	DRY( 1,425)	DRY( 1,426)	DRY( 1,427)	DRY( 1,428)
DRY( 1,429)	DRY( 1,430)	DRY( 1,431)	DRY( 1,432)	DRY( 1,433)
DRY( 1,434)	DRY( 1,435)	DRY( 1,436)	DRY( 1,437)	DRY( 1,438)
DRY( 1,439)	DRY( 1,440)	DRY( 1,441)	DRY( 1,442)	DRY( 1,443)
DRY( 1,444)	DRY( 1,445)	DRY( 1,446)	DRY( 1,447)	DRY( 1,448)
DRY( 1,449)	DRY( 1,450)	DRY( 1,451)	DRY( 1,452)	DRY( 1,453)
DRY( 1,454)	DRY( 1,455)	DRY( 1,456)	DRY( 1,457)	DRY( 1,458)
DRY( 1,459)	DRY( 1,460)	DRY( 1,461)	DRY( 1,462)	DRY( 1,463)
DRY( 1,464)	DRY( 1,465)	DRY( 1,466)	DRY( 1,467)	DRY( 1,468)
DRY( 1,469)	DRY( 1,470)	DRY( 1,471)	DRY( 1,472)	DRY( 1,473)
DRY( 1,474)	DRY( 1,475)	DRY( 1,476)	DRY( 1,477)	DRY( 1,478)
DRY( 1,479)	DRY( 1,480)	DRY( 1,481)	DRY( 1,482)	DRY( 1,483)
DRY( 1,484)	DRY( 1,485)	DRY( 1,486)	DRY( 1,487)	DRY( 1,488)
DRY( 1,489)	DRY( 1,490)	DRY( 1,491)	DRY( 1,492)	DRY( 1,493)
DRY( 1,494)	DRY( 1,495)	DRY( 1,496)	DRY( 1,497)	DRY( 1,498)
DRY( 1,499)	DRY( 1,500)			

CELL CONVERSIONS	FOR ITER.= 1	LAYER= 11	STEP= 1	PERIOD= 1	(ROW, COL)
DRY( 1,171)	DRY( 1,172)	DRY( 1,173)	DRY( 1,174)	DRY( 1,175)	DRY( 1,175)
DRY( 1,176)	DRY( 1,177)	DRY( 1,178)	DRY( 1,179)	DRY( 1,180)	DRY( 1,180)
DRY( 1,181)	DRY( 1,182)	DRY( 1,183)	DRY( 1,184)	DRY( 1,185)	DRY( 1,185)
DRY( 1,186)	DRY( 1,187)	DRY( 1,188)	DRY( 1,189)	DRY( 1,190)	DRY( 1,190)
DRY( 1,191)	DRY( 1,192)	DRY( 1,193)	DRY( 1,194)	DRY( 1,195)	DRY( 1,195)
DRY( 1,196)	DRY( 1,197)	DRY( 1,198)	DRY( 1,199)	DRY( 1,200)	DRY( 1,200)
DRY( 1,201)	DRY( 1,202)	DRY( 1,203)	DRY( 1,204)	DRY( 1,205)	DRY( 1,205)
DRY( 1,206)	DRY( 1,207)	DRY( 1,208)	DRY( 1,209)	DRY( 1,210)	DRY( 1,210)
DRY( 1,211)	DRY( 1,212)	DRY( 1,213)	DRY( 1,214)	DRY( 1,215)	DRY( 1,215)
DRY( 1,216)	DRY( 1,217)	DRY( 1,218)	DRY( 1,219)	DRY( 1,220)	DRY( 1,220)
DRY( 1,221)	DRY( 1,222)	DRY( 1,223)	DRY( 1,224)	DRY( 1,225)	DRY( 1,225)
DRY( 1,226)	DRY( 1,227)	DRY( 1,228)	DRY( 1,229)	DRY( 1,230)	DRY( 1,230)
DRY( 1,231)	DRY( 1,232)	DRY( 1,233)	DRY( 1,234)	DRY( 1,235)	DRY( 1,235)
DRY( 1,236)	DRY( 1,237)	DRY( 1,238)	DRY( 1,239)	DRY( 1,240)	DRY( 1,240)
DRY( 1,241)	DRY( 1,242)	DRY( 1,243)	DRY( 1,244)	DRY( 1,245)	DRY( 1,245)
DRY( 1,246)	DRY( 1,247)	DRY( 1,248)	DRY( 1,249)	DRY( 1,250)	DRY( 1,250)
DRY( 1,251)	DRY( 1,252)	DRY( 1,253)	DRY( 1,254)	DRY( 1,255)	DRY( 1,255)
DRY( 1,256)	DRY( 1,257)	DRY( 1,258)	DRY( 1,259)	DRY( 1,260)	DRY( 1,260)
DRY( 1,261)	DRY( 1,262)	DRY( 1,263)	DRY( 1,264)	DRY( 1,265)	DRY( 1,265)
DRY( 1,266)	DRY( 1,267)	DRY( 1,268)	DRY( 1,269)	DRY( 1,270)	DRY( 1,270)
DRY( 1,271)	DRY( 1,272)	DRY( 1,273)	DRY( 1,274)	DRY( 1,275)	DRY( 1,275)
DRY( 1,276)	DRY( 1,277)	DRY( 1,278)	DRY( 1,279)	DRY( 1,280)	DRY( 1,280)
DRY( 1,281)	DRY( 1,282)	DRY( 1,283)	DRY( 1,284)	DRY( 1,285)	DRY( 1,285)
DRY( 1,286)	DRY( 1,287)	DRY( 1,288)	DRY( 1,289)	DRY( 1,290)	DRY( 1,290)
DRY( 1,291)	DRY( 1,292)	DRY( 1,293)	DRY( 1,294)	DRY( 1,295)	DRY( 1,295)
DRY( 1,296)	DRY( 1,297)	DRY( 1,298)	DRY( 1,299)	DRY( 1,300)	DRY( 1,300)
DRY( 1,301)	DRY( 1,302)	DRY( 1,303)	DRY( 1,304)	DRY( 1,305)	DRY( 1,305)
DRY( 1,306)	DRY( 1,307)	DRY( 1,308)	DRY( 1,309)	DRY( 1,310)	DRY( 1,310)













## SECTION\_A\_DESIGN\_CASE\_NOD3

DRY( 1,485)	DRY( 1,486)	DRY( 1,487)	DRY( 1,488)	DRY( 1,489)
DRY( 1,490)	DRY( 1,491)	DRY( 1,492)	DRY( 1,493)	DRY( 1,494)
DRY( 1,495)	DRY( 1,496)	DRY( 1,497)	DRY( 1,498)	DRY( 1,499)
DRY( 1,500)				

CELL CONVERSIONS	FOR ITER.= 1	LAYER= 25	STEP= 1	PERIOD= 1	(ROW, COL)
DRY( 1,484)	DRY( 1,485)	DRY( 1,486)	DRY( 1,487)	DRY( 1,488)	
DRY( 1,489)	DRY( 1,490)	DRY( 1,491)	DRY( 1,492)	DRY( 1,493)	
DRY( 1,494)	DRY( 1,495)	DRY( 1,496)	DRY( 1,497)	DRY( 1,498)	
DRY( 1,499)	DRY( 1,500)				

CELL CONVERSIONS	FOR ITER.= 1	LAYER= 26	STEP= 1	PERIOD= 1	(ROW, COL)
DRY( 1,492)	DRY( 1,493)	DRY( 1,494)	DRY( 1,495)	DRY( 1,496)	
DRY( 1,497)	DRY( 1,498)	DRY( 1,499)	DRY( 1,500)		

CELL CONVERSIONS	FOR ITER.= 2	LAYER= 9	STEP= 1	PERIOD= 1	(ROW, COL)
DRY( 1, 51)	DRY( 1, 52)	DRY( 1, 53)	DRY( 1, 54)	DRY( 1, 55)	
DRY( 1, 56)	DRY( 1, 57)				

CELL CONVERSIONS	FOR ITER.= 2	LAYER= 14	STEP= 1	PERIOD= 1	(ROW, COL)
DRY( 1,325)	DRY( 1,326)	DRY( 1,327)	DRY( 1,328)	DRY( 1,329)	
DRY( 1,330)	DRY( 1,331)	DRY( 1,332)	DRY( 1,333)	DRY( 1,334)	
DRY( 1,335)	DRY( 1,336)	DRY( 1,337)	DRY( 1,338)	DRY( 1,339)	
DRY( 1,340)					

CELL CONVERSIONS	FOR ITER.= 2	LAYER= 15	STEP= 1	PERIOD= 1	(ROW, COL)
DRY( 1,325)	DRY( 1,326)	DRY( 1,327)	DRY( 1,328)	DRY( 1,329)	
DRY( 1,330)	DRY( 1,331)	DRY( 1,332)	DRY( 1,333)	DRY( 1,334)	
DRY( 1,335)	DRY( 1,336)	DRY( 1,337)	DRY( 1,338)	DRY( 1,339)	
DRY( 1,340)	DRY( 1,341)	DRY( 1,342)	DRY( 1,343)	DRY( 1,344)	
DRY( 1,345)	DRY( 1,346)	DRY( 1,347)	DRY( 1,348)	DRY( 1,349)	
DRY( 1,350)	DRY( 1,351)	DRY( 1,352)	DRY( 1,353)	DRY( 1,354)	
DRY( 1,355)	DRY( 1,356)	DRY( 1,357)	DRY( 1,358)	DRY( 1,359)	
DRY( 1,360)	DRY( 1,361)	DRY( 1,362)	DRY( 1,363)	DRY( 1,364)	
DRY( 1,365)	DRY( 1,366)	DRY( 1,367)	DRY( 1,368)	DRY( 1,369)	
DRY( 1,370)	DRY( 1,371)	DRY( 1,372)	DRY( 1,373)	DRY( 1,374)	
DRY( 1,375)	DRY( 1,376)	DRY( 1,377)	DRY( 1,378)	DRY( 1,379)	
DRY( 1,380)	DRY( 1,381)	DRY( 1,382)	DRY( 1,383)	DRY( 1,384)	
DRY( 1,385)	DRY( 1,386)	DRY( 1,387)	DRY( 1,388)	DRY( 1,389)	
DRY( 1,390)	DRY( 1,391)	DRY( 1,392)	DRY( 1,393)	DRY( 1,394)	

CELL CONVERSIONS	FOR ITER.= 2	LAYER= 16	STEP= 1	PERIOD= 1	(ROW, COL)
DRY( 1,406)					

CELL CONVERSIONS	FOR ITER.= 3	LAYER= 16	STEP= 1	PERIOD= 1	(ROW, COL)
DRY( 1,367)	DRY( 1,368)	DRY( 1,369)	DRY( 1,370)	DRY( 1,371)	
DRY( 1,372)	DRY( 1,373)	DRY( 1,374)	DRY( 1,375)	DRY( 1,376)	
DRY( 1,377)	DRY( 1,378)	DRY( 1,379)	DRY( 1,380)	DRY( 1,381)	
DRY( 1,382)	DRY( 1,383)	DRY( 1,384)	DRY( 1,385)	DRY( 1,386)	
DRY( 1,387)	DRY( 1,388)	DRY( 1,389)	DRY( 1,390)	DRY( 1,391)	
DRY( 1,392)	DRY( 1,393)	DRY( 1,394)	DRY( 1,395)	DRY( 1,396)	
DRY( 1,397)	DRY( 1,398)	DRY( 1,399)	DRY( 1,400)	DRY( 1,401)	
DRY( 1,402)	DRY( 1,403)	DRY( 1,404)	DRY( 1,405)		

CELL CONVERSIONS	FOR ITER.= 3	LAYER= 17	STEP= 1	PERIOD= 1	(ROW, COL)
DRY( 1,411)	DRY( 1,412)	DRY( 1,413)	DRY( 1,414)		

CELL CONVERSIONS	FOR ITER.= 4	LAYER= 16	STEP= 1	PERIOD= 1	(ROW, COL)
DRY( 1,356)	DRY( 1,357)	DRY( 1,358)	DRY( 1,359)	DRY( 1,360)	
DRY( 1,361)	DRY( 1,362)	DRY( 1,363)	DRY( 1,364)	DRY( 1,365)	
DRY( 1,366)					

CELL CONVERSIONS	FOR ITER.= 4	LAYER= 17	STEP= 1	PERIOD= 1	(ROW, COL)
DRY( 1,410)					

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CELL CONVERSIONS FOR ITER.= 5 LAYER= 16 STEP= 1 PERIOD= 1 (ROW,COL)  
 DRY( 1,346) DRY( 1,347) DRY( 1,348) DRY( 1,349) DRY( 1,350)  
 DRY( 1,351) DRY( 1,352) DRY( 1,353) DRY( 1,354) DRY( 1,355)

CELL CONVERSIONS FOR ITER.= 5 LAYER= 17 STEP= 1 PERIOD= 1 (ROW,COL)  
 DRY( 1,404) DRY( 1,405) DRY( 1,406) DRY( 1,407) DRY( 1,408)  
 DRY( 1,409)

CELL CONVERSIONS FOR ITER.= 6 LAYER= 16 STEP= 1 PERIOD= 1 (ROW,COL)  
 DRY( 1,325) DRY( 1,326) DRY( 1,327) DRY( 1,328) DRY( 1,329)  
 DRY( 1,330) DRY( 1,331) DRY( 1,332) DRY( 1,333) DRY( 1,334)  
 DRY( 1,335) DRY( 1,336) DRY( 1,337) DRY( 1,338) DRY( 1,339)  
 DRY( 1,340) DRY( 1,341) DRY( 1,342) DRY( 1,343) DRY( 1,344)  
 DRY( 1,345)

CELL CONVERSIONS FOR ITER.= 6 LAYER= 17 STEP= 1 PERIOD= 1 (ROW,COL)  
 DRY( 1,391) DRY( 1,395) DRY( 1,396) DRY( 1,397) DRY( 1,398)  
 DRY( 1,399) DRY( 1,400) DRY( 1,401) DRY( 1,402) DRY( 1,403)

CELL CONVERSIONS FOR ITER.= 7 LAYER= 17 STEP= 1 PERIOD= 1 (ROW,COL)  
 DRY( 1,377) DRY( 1,378) DRY( 1,379) DRY( 1,380) DRY( 1,381)  
 DRY( 1,382) DRY( 1,383) DRY( 1,384) DRY( 1,385) DRY( 1,386)  
 DRY( 1,387) DRY( 1,388) DRY( 1,389) DRY( 1,390) DRY( 1,392)  
 DRY( 1,393) DRY( 1,394)

CELL CONVERSIONS FOR ITER.= 8 LAYER= 17 STEP= 1 PERIOD= 1 (ROW,COL)  
 DRY( 1,376)

CELL CONVERSIONS FOR ITER.= 9 LAYER= 17 STEP= 1 PERIOD= 1 (ROW,COL)  
 DRY( 1,375)

CELL CONVERSIONS FOR ITER.= 10 LAYER= 17 STEP= 1 PERIOD= 1 (ROW,COL)  
 DRY( 1,374)

CELL CONVERSIONS FOR ITER.= 11 LAYER= 17 STEP= 1 PERIOD= 1 (ROW,COL)  
 DRY( 1,373)

16 CALLS TO PCG ROUTINE FOR TIME STEP 1 IN STRESS PERIOD 1  
 145 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

\*\*\*Link-MT3DMS Package\*\*\*

OPENING LINK-MT3DMS OUTPUT FILE: C:\Users\rspicer\Desktop\NOD3

ON UNIT NUMBER: 175  
 FILE TYPE: UNFORMATTED  
 HEADER OPTION: EXTENDED  
 \*\*\*Link-MT3DMS Package\*\*\*

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 1, STRESS PERIOD 1

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SOLVING FOR HEAD

CELL CONVERSIONS FOR ITER.= 2 LAYER= 9 STEP= 2 PERIOD= 1 (ROW, COL)  
 DRY( 1, 50)

CELL CONVERSIONS FOR ITER.= 2 LAYER= 10 STEP= 2 PERIOD= 1 (ROW, COL)  
 DRY( 1,111) DRY( 1,112) DRY( 1,113)

CELL CONVERSIONS FOR ITER.= 2 LAYER= 17 STEP= 2 PERIOD= 1 (ROW, COL)  
 DRY( 1,325) DRY( 1,326) DRY( 1,327) DRY( 1,328) DRY( 1,329)  
 DRY( 1,330) DRY( 1,331) DRY( 1,332) DRY( 1,333) DRY( 1,334)  
 DRY( 1,335) DRY( 1,336) DRY( 1,337) DRY( 1,338) DRY( 1,339)  
 DRY( 1,340) DRY( 1,341) DRY( 1,342) DRY( 1,343) DRY( 1,344)  
 DRY( 1,345) DRY( 1,346) DRY( 1,347) DRY( 1,348) DRY( 1,349)  
 DRY( 1,350) DRY( 1,351) DRY( 1,352) DRY( 1,353) DRY( 1,354)  
 DRY( 1,355) DRY( 1,356) DRY( 1,357) DRY( 1,358) DRY( 1,359)  
 DRY( 1,360) DRY( 1,361) DRY( 1,362) DRY( 1,363) DRY( 1,364)  
 DRY( 1,365) DRY( 1,366) DRY( 1,367) DRY( 1,368) DRY( 1,369)  
 DRY( 1,370) DRY( 1,371) DRY( 1,372)

CELL CONVERSIONS FOR ITER.= 2 LAYER= 18 STEP= 2 PERIOD= 1 (ROW, COL)  
 DRY( 1,418) DRY( 1,419) DRY( 1,420) DRY( 1,421) DRY( 1,422)  
 DRY( 1,423)

CELL CONVERSIONS FOR ITER.= 3 LAYER= 10 STEP= 2 PERIOD= 1 (ROW, COL)  
 DRY( 1,110)

CELL CONVERSIONS FOR ITER.= 3 LAYER= 18 STEP= 2 PERIOD= 1 (ROW, COL)  
 DRY( 1,404) DRY( 1,405) DRY( 1,406) DRY( 1,407) DRY( 1,408)  
 DRY( 1,409) DRY( 1,410) DRY( 1,411) DRY( 1,412) DRY( 1,413)  
 DRY( 1,414) DRY( 1,415) DRY( 1,416) DRY( 1,417)

CELL CONVERSIONS FOR ITER.= 4 LAYER= 18 STEP= 2 PERIOD= 1 (ROW, COL)  
 DRY( 1,398) DRY( 1,399) DRY( 1,402) DRY( 1,403)

CELL CONVERSIONS FOR ITER.= 6 LAYER= 18 STEP= 2 PERIOD= 1 (ROW, COL)  
 DRY( 1,397)

CELL CONVERSIONS FOR ITER.= 10 LAYER= 18 STEP= 2 PERIOD= 1 (ROW, COL)  
 DRY( 1,401)  
 12 CALLS TO PCG ROUTINE FOR TIME STEP 2 IN STRESS PERIOD 1  
 110 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 2, STRESS PERIOD 1

SOLVING FOR HEAD

CELL CONVERSIONS FOR ITER.= 2 LAYER= 9 STEP= 3 PERIOD= 1 (ROW, COL)  
 DRY( 1, 48) DRY( 1, 49)

CELL CONVERSIONS FOR ITER.= 2 LAYER= 10 STEP= 3 PERIOD= 1 (ROW, COL)  
 DRY( 1,104) DRY( 1,105) DRY( 1,106) DRY( 1,107) DRY( 1,108)  
 DRY( 1,109)

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CELL CONVERSIONS FOR ITER.= 2 LAYER= 18 STEP= 3 PERIOD= 1 (ROW,COL)  
 DRY( 1,361) DRY( 1,362) DRY( 1,363) DRY( 1,364) DRY( 1,365)  
 DRY( 1,366) DRY( 1,367) DRY( 1,368) DRY( 1,369) DRY( 1,370)  
 DRY( 1,371) DRY( 1,372) DRY( 1,373) DRY( 1,374) DRY( 1,375)  
 DRY( 1,376) DRY( 1,377) DRY( 1,378) DRY( 1,379) DRY( 1,380)  
 DRY( 1,381) DRY( 1,382) DRY( 1,383) DRY( 1,384) DRY( 1,385)  
 DRY( 1,386) DRY( 1,387) DRY( 1,388) DRY( 1,389) DRY( 1,390)  
 DRY( 1,391) DRY( 1,392) DRY( 1,393) DRY( 1,394) DRY( 1,395)  
 DRY( 1,396) DRY( 1,400)

CELL CONVERSIONS FOR ITER.= 3 LAYER= 18 STEP= 3 PERIOD= 1 (ROW,COL)  
 DRY( 1,355) DRY( 1,356) DRY( 1,357) DRY( 1,358) DRY( 1,359)  
 DRY( 1,360)

CELL CONVERSIONS FOR ITER.= 4 LAYER= 18 STEP= 3 PERIOD= 1 (ROW,COL)  
 DRY( 1,350) DRY( 1,351) DRY( 1,352) DRY( 1,353) DRY( 1,354)

CELL CONVERSIONS FOR ITER.= 5 LAYER= 18 STEP= 3 PERIOD= 1 (ROW,COL)  
 DRY( 1,346) DRY( 1,347) DRY( 1,348) DRY( 1,349)

CELL CONVERSIONS FOR ITER.= 6 LAYER= 18 STEP= 3 PERIOD= 1 (ROW,COL)  
 DRY( 1,341) DRY( 1,342) DRY( 1,343) DRY( 1,344) DRY( 1,345)

CELL CONVERSIONS FOR ITER.= 7 LAYER= 18 STEP= 3 PERIOD= 1 (ROW,COL)  
 DRY( 1,330) DRY( 1,331) DRY( 1,332) DRY( 1,333) DRY( 1,334)  
 DRY( 1,335) DRY( 1,336) DRY( 1,337) DRY( 1,338) DRY( 1,339)  
 DRY( 1,340)

CELL CONVERSIONS FOR ITER.= 8 LAYER= 18 STEP= 3 PERIOD= 1 (ROW,COL)  
 DRY( 1,325) DRY( 1,326) DRY( 1,327) DRY( 1,328) DRY( 1,329)  
 13 CALLS TO PCG ROUTINE FOR TIME STEP 3 IN STRESS PERIOD 1  
 120 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 3, STRESS PERIOD 1

SOLVING FOR HEAD

CELL CONVERSIONS FOR ITER.= 2 LAYER= 9 STEP= 4 PERIOD= 1 (ROW,COL)  
 DRY( 1, 47)

CELL CONVERSIONS FOR ITER.= 2 LAYER= 10 STEP= 4 PERIOD= 1 (ROW,COL)  
 DRY( 1, 86) DRY( 1, 87) DRY( 1, 88) DRY( 1, 89) DRY( 1, 90)  
 DRY( 1, 91) DRY( 1, 92) DRY( 1, 93) DRY( 1, 94) DRY( 1, 95)  
 DRY( 1, 96) DRY( 1, 97) DRY( 1, 98) DRY( 1, 99) DRY( 1,100)  
 DRY( 1,101) DRY( 1,102) DRY( 1,103)

CELL CONVERSIONS FOR ITER.= 2 LAYER= 11 STEP= 4 PERIOD= 1 (ROW,COL)  
 DRY( 1,170)  
 8 CALLS TO PCG ROUTINE FOR TIME STEP 4 IN STRESS PERIOD 1  
 68 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
 CELL-BY-CELL FLOW TERM FLAG = 0

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OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 4, STRESS PERIOD 1

SOLVING FOR HEAD

CELL CONVERSIONS FOR ITER.= 2 LAYER= 9 STEP= 5 PERIOD= 1 (ROW, COL)  
DRY( 1, 46)

CELL CONVERSIONS FOR ITER.= 2 LAYER= 10 STEP= 5 PERIOD= 1 (ROW, COL)  
 DRY( 1, 53) DRY( 1, 54) DRY( 1, 55) DRY( 1, 56) DRY( 1, 57)  
 DRY( 1, 58) DRY( 1, 59) DRY( 1, 60) DRY( 1, 61) DRY( 1, 62)  
 DRY( 1, 63) DRY( 1, 64) DRY( 1, 65) DRY( 1, 66) DRY( 1, 67)  
 DRY( 1, 68) DRY( 1, 69) DRY( 1, 70) DRY( 1, 71) DRY( 1, 72)  
 DRY( 1, 73) DRY( 1, 74) DRY( 1, 75) DRY( 1, 76) DRY( 1, 77)  
 DRY( 1, 78) DRY( 1, 79) DRY( 1, 80) DRY( 1, 81) DRY( 1, 82)  
 DRY( 1, 83) DRY( 1, 84) DRY( 1, 85)

CELL CONVERSIONS FOR ITER.= 2 LAYER= 11 STEP= 5 PERIOD= 1 (ROW, COL)  
DRY( 1,169)

CELL CONVERSIONS FOR ITER.= 2 LAYER= 19 STEP= 5 PERIOD= 1 (ROW, COL)  
 DRY( 1,380) DRY( 1,381) DRY( 1,382) DRY( 1,383) DRY( 1,384)  
 DRY( 1,385) DRY( 1,386) DRY( 1,387) DRY( 1,388) DRY( 1,389)  
 DRY( 1,390) DRY( 1,391) DRY( 1,392) DRY( 1,393) DRY( 1,394)  
 DRY( 1,395) DRY( 1,396) DRY( 1,397) DRY( 1,398) DRY( 1,399)  
 DRY( 1,400) DRY( 1,401) DRY( 1,402) DRY( 1,403) DRY( 1,404)  
 DRY( 1,405) DRY( 1,406) DRY( 1,407) DRY( 1,408) DRY( 1,409)  
 DRY( 1,410) DRY( 1,411) DRY( 1,412) DRY( 1,413) DRY( 1,414)  
 DRY( 1,415) DRY( 1,416) DRY( 1,417) DRY( 1,418) DRY( 1,419)  
 DRY( 1,420) DRY( 1,421) DRY( 1,422) DRY( 1,423) DRY( 1,424)  
 DRY( 1,425) DRY( 1,426) DRY( 1,427) DRY( 1,428) DRY( 1,429)  
 DRY( 1,430) DRY( 1,431)

CELL CONVERSIONS FOR ITER.= 3 LAYER= 19 STEP= 5 PERIOD= 1 (ROW, COL)  
DRY( 1,376) DRY( 1,377) DRY( 1,378) DRY( 1,379)

CELL CONVERSIONS FOR ITER.= 4 LAYER= 19 STEP= 5 PERIOD= 1 (ROW, COL)  
DRY( 1,374) DRY( 1,375)

CELL CONVERSIONS FOR ITER.= 5 LAYER= 19 STEP= 5 PERIOD= 1 (ROW, COL)  
DRY( 1,373)

9 CALLS TO PCG ROUTINE FOR TIME STEP 5 IN STRESS PERIOD 1  
79 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 5, STRESS PERIOD 1



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SOLVING FOR HEAD

CELL CONVERSIONS FOR ITER.= 2 LAYER= 9 STEP= 6 PERIOD= 1 (ROW,COL)  
 DRY( 1, 45)

CELL CONVERSIONS FOR ITER.= 2 LAYER= 11 STEP= 6 PERIOD= 1 (ROW,COL)  
 DRY( 1,166) DRY( 1,167) DRY( 1,168)

CELL CONVERSIONS FOR ITER.= 2 LAYER= 19 STEP= 6 PERIOD= 1 (ROW,COL)  
 DRY( 1,325) DRY( 1,326) DRY( 1,327) DRY( 1,328) DRY( 1,329)  
 DRY( 1,330) DRY( 1,331) DRY( 1,332) DRY( 1,333) DRY( 1,334)  
 DRY( 1,335) DRY( 1,336) DRY( 1,337) DRY( 1,338) DRY( 1,339)  
 DRY( 1,340) DRY( 1,341) DRY( 1,342) DRY( 1,343) DRY( 1,344)  
 DRY( 1,345) DRY( 1,346) DRY( 1,347) DRY( 1,348) DRY( 1,349)  
 DRY( 1,350) DRY( 1,351) DRY( 1,352) DRY( 1,353) DRY( 1,354)  
 DRY( 1,355) DRY( 1,356) DRY( 1,357) DRY( 1,358) DRY( 1,359)  
 DRY( 1,360) DRY( 1,361) DRY( 1,362) DRY( 1,363) DRY( 1,364)  
 DRY( 1,365) DRY( 1,366) DRY( 1,367) DRY( 1,368) DRY( 1,369)  
 DRY( 1,370) DRY( 1,371) DRY( 1,372)

9 CALLS TO PCG ROUTINE FOR TIME STEP 6 IN STRESS PERIOD 1  
 72 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 6, STRESS PERIOD 1

SOLVING FOR HEAD

CELL CONVERSIONS FOR ITER.= 2 LAYER= 9 STEP= 7 PERIOD= 1 (ROW,COL)  
 DRY( 1, 44)

CELL CONVERSIONS FOR ITER.= 2 LAYER= 11 STEP= 7 PERIOD= 1 (ROW,COL)  
 DRY( 1,162) DRY( 1,163) DRY( 1,164) DRY( 1,165)

CELL CONVERSIONS FOR ITER.= 3 LAYER= 11 STEP= 7 PERIOD= 1 (ROW,COL)  
 DRY( 1,161)

8 CALLS TO PCG ROUTINE FOR TIME STEP 7 IN STRESS PERIOD 1  
 66 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 7, STRESS PERIOD 1

SOLVING FOR HEAD

CELL CONVERSIONS FOR ITER.= 2 LAYER= 9 STEP= 8 PERIOD= 1 (ROW,COL)  
 DRY( 1, 43)

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CELL CONVERSIONS FOR ITER.= 2 LAYER= 10 STEP= 8 PERIOD= 1 (ROW,COL)  
 DRY( 1, 52)

CELL CONVERSIONS FOR ITER.= 2 LAYER= 11 STEP= 8 PERIOD= 1 (ROW,COL)  
 DRY( 1,155) DRY( 1,156) DRY( 1,157) DRY( 1,158) DRY( 1,159)  
 DRY( 1,160)

8 CALLS TO PCG ROUTINE FOR TIME STEP 8 IN STRESS PERIOD 1  
 66 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 8, STRESS PERIOD 1

SOLVING FOR HEAD

CELL CONVERSIONS FOR ITER.= 2 LAYER= 9 STEP= 9 PERIOD= 1 (ROW,COL)  
 DRY( 1, 42)

CELL CONVERSIONS FOR ITER.= 2 LAYER= 10 STEP= 9 PERIOD= 1 (ROW,COL)  
 DRY( 1, 51)

CELL CONVERSIONS FOR ITER.= 2 LAYER= 11 STEP= 9 PERIOD= 1 (ROW,COL)  
 DRY( 1,145) DRY( 1,146) DRY( 1,147) DRY( 1,148) DRY( 1,149)  
 DRY( 1,150) DRY( 1,151) DRY( 1,152) DRY( 1,153) DRY( 1,154)

8 CALLS TO PCG ROUTINE FOR TIME STEP 9 IN STRESS PERIOD 1  
 65 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 9, STRESS PERIOD 1

SOLVING FOR HEAD

CELL CONVERSIONS FOR ITER.= 2 LAYER= 9 STEP= 10 PERIOD= 1 (ROW,COL)  
 DRY( 1, 41)

CELL CONVERSIONS FOR ITER.= 2 LAYER= 10 STEP= 10 PERIOD= 1 (ROW,COL)  
 DRY( 1, 50)

CELL CONVERSIONS FOR ITER.= 2 LAYER= 11 STEP= 10 PERIOD= 1 (ROW,COL)  
 DRY( 1,129) DRY( 1,130) DRY( 1,131) DRY( 1,132) DRY( 1,133)  
 DRY( 1,134) DRY( 1,135) DRY( 1,136) DRY( 1,137) DRY( 1,138)  
 DRY( 1,139) DRY( 1,140) DRY( 1,141) DRY( 1,142) DRY( 1,143)  
 DRY( 1,144)

CELL CONVERSIONS FOR ITER.= 4 LAYER= 11 STEP= 10 PERIOD= 1 (ROW,COL)

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DRY( 1,128)

8 CALLS TO PCG ROUTINE FOR TIME STEP 10 IN STRESS PERIOD 1

65 TOTAL ITERATIONS

MAXIMUM HEAD CHANGE FOR EACH ITERATION (1 INDICATES THE FIRST INNER ITERATION):

HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL
1 -0.1321 ( 15, 1, 58)	0 -0.1113 ( 27, 1, 326)	0 0.4432E-01 ( 27, 1, 328)	0 0.4290E-01 ( 13, 1, 56)	0 -0.2706E-01 ( 13, 1, 56)
0 0.1655E-01 ( 27, 1, 326)	0 0.1106E-01 ( 27, 1, 330)	0 -0.1018E-01 ( 47, 1, 494)	0 0.1719E-01 ( 29, 1, 328)	0 -0.1434E-01 ( 27, 1, 326)
1 0.1391E-01 ( 27, 1, 326)	0 -0.1179E-01 ( 27, 1, 328)	0 0.7404E-02 ( 13, 1, 56)	0 -0.7305E-02 ( 13, 1, 56)	0 -0.4620E-02 ( 27, 1, 325)
0 0.6243E-02 ( 29, 1, 328)	0 0.8477E-02 ( 28, 1, 325)	0 -0.5016E-02 ( 27, 1, 328)	0 0.7892E-02 ( 32, 1, 327)	0 0.3789E-02 ( 50, 1, 496)
1 0.2325E-02 ( 27, 1, 326)	0 -0.3661E-02 ( 27, 1, 327)	0 0.2388E-02 ( 27, 1, 326)	0 0.1785E-02 ( 13, 1, 56)	0 -0.2580E-02 ( 13, 1, 56)
0 -0.1228E-02 ( 27, 1, 326)	0 -0.1160E-02 ( 27, 1, 326)	0 -0.1326E-02 ( 27, 1, 326)	0 0.1074E-02 ( 52, 1, 496)	0 -0.1917E-02 ( 27, 1, 327)
1 0.9397E-03 ( 27, 1, 326)	0 -0.8401E-03 ( 30, 1, 329)	0 0.7160E-03 ( 27, 1, 326)	0 -0.5210E-03 ( 13, 1, 56)	0 0.6969E-03 ( 13, 1, 56)
0 0.3434E-03 ( 46, 1, 488)	0 0.5075E-03 ( 27, 1, 325)	0 -0.4802E-03 ( 27, 1, 328)	0 0.4853E-03 ( 27, 1, 327)	0 0.3059E-03 ( 47, 1, 495)
1 -0.2767E-03 ( 48, 1, 496)	0 -0.4073E-03 ( 27, 1, 327)	0 0.2473E-03 ( 27, 1, 328)	0 0.1773E-03 ( 47, 1, 491)	0 -0.2571E-03 ( 13, 1, 56)
0 0.2121E-03 ( 13, 1, 56)	0 0.1044E-03 ( 46, 1, 488)	0 -0.1252E-03 ( 27, 1, 326)	0 0.1762E-03 ( 27, 1, 328)	0 -0.1820E-03 ( 27, 1, 327)
1 0.1204E-03 ( 27, 1, 327)	0 -0.1164E-03 ( 33, 1, 329)	0 0.9682E-04 ( 27, 1, 327)	0 0.5491E-04 ( 45, 1, 478)	0 0.9795E-04 ( 13, 1, 56)
0 -0.7473E-04 ( 15, 1, 57)	0 -0.5292E-04 ( 47, 1, 490)	0 -0.5026E-04 ( 27, 1, 328)	0 0.6211E-04 ( 27, 1, 327)	0 0.4145E-04 ( 54, 1, 496)
1 -0.4003E-04 ( 48, 1, 496)	0 -0.5102E-04 ( 27, 1, 327)	0 -0.2926E-04 ( 47, 1, 491)	0 0.2809E-04 ( 47, 1, 491)	1 -0.2145E-04 ( 47, 1, 490)

MAXIMUM RESIDUAL FOR EACH ITERATION (1 INDICATES THE FIRST INNER ITERATION):

RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL
1 4.002 ( 13, 1, 178)	0 4.136 ( 13, 1, 179)	0 4.126 ( 13, 1, 181)	0 4.098 ( 13, 1, 181)	0 4.021 ( 13, 1, 182)
0 3.901 ( 13, 1, 182)	0 -3.806 ( 24, 1, 182)	0 -3.642 ( 24, 1, 182)	0 -3.327 ( 24, 1, 182)	0 -2.624 ( 24, 1, 182)
1 2.951 ( 11, 1, 128)	0 2.876 ( 11, 1, 128)	0 2.803 ( 11, 1, 128)	0 2.711 ( 11, 1, 128)	0 2.464 ( 11, 1, 128)
0 2.036 ( 11, 1, 128)	0 1.647 ( 11, 1, 128)	0 1.324 ( 11, 1, 128)	0 0.9847 ( 11, 1, 128)	0 0.7147 ( 11, 1, 128)
1 4.800 ( 11, 1, 128)	0 4.594 ( 11, 1, 128)	0 4.291 ( 11, 1, 128)	0 3.922 ( 11, 1, 128)	0 3.704 ( 11, 1, 128)
0 3.347 ( 11, 1, 128)	0 3.081 ( 11, 1, 128)	0 2.806 ( 11, 1, 128)	0 2.232 ( 11, 1, 128)	0 1.634 ( 11, 1, 128)
1 0.2081 ( 12, 1, 167)	0 0.2001 ( 12, 1, 167)	0 -0.1898 ( 24, 1, 182)	0 0.1800 ( 13, 1, 168)	0 0.1723 ( 13, 1, 168)
0 0.1558 ( 13, 1, 168)	0 -0.1377 ( 24, 1, 182)	0 -0.1216 ( 24, 1, 182)	0 -0.1027 ( 24, 1, 182)	0 -0.8702E-01 ( 24, 1, 182)
1 -0.8500E-01 ( 24, 1, 182)	0 -0.8000E-01 ( 24, 1, 182)	0 -0.7356E-01 ( 24, 1, 182)	0 0.6704E-01 ( 13, 1, 168)	0 0.6251E-01 ( 13, 1, 168)
0 0.5759E-01 ( 13, 1, 168)	0 0.5100E-01 ( 13, 1, 168)	0 0.4472E-01 ( 12, 1, 167)	0 0.3775E-01 ( 12, 1, 167)	0 -0.3103E-01 ( 24, 1, 182)
1 -0.3056E-01 ( 24, 1, 182)	0 -0.2924E-01 ( 24, 1, 182)	0 -0.2751E-01 ( 24, 1, 182)	0 0.2581E-01 ( 13, 1, 168)	0 0.2451E-01 ( 13, 1, 168)
0 0.2235E-01 ( 13, 1, 168)	0 0.1930E-01 ( 13, 1, 168)	0 -0.1675E-01 ( 24, 1, 182)	0 -0.1464E-01 ( 24, 1, 182)	0 -0.1283E-01 ( 24, 1, 182)

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1 -0.1256E-01 0 -0.1184E-01 0 0.1089E-01 0 0.9970E-02 1 0.9757E-02  
 ( 24, 1,182) ( 24, 1,182) ( 13, 1,168) ( 13, 1,168) ( 13, 1,168)

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 1  
 CELL-BY-CELL FLOW TERM FLAG = 1

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

PRINTOUT	HEAD	DRAWDOWN	HEAD	DRAWDOWN	SAVE	SAVE
0	0	1	1			
UBUDSV SAVING	"		STORAGE"	ON UNIT154 AT TIME STEP 10, STRESS PERIOD	1	1
UBUDSV SAVING	"	CONSTANT HEAD"	ON UNIT154 AT TIME STEP 10, STRESS PERIOD	1	1	1
UBUDSV SAVING	"FLOW RIGHT FACE "	ON UNIT154 AT TIME STEP 10, STRESS PERIOD	1	1	1	1
UBUDSV SAVING	"FLOW LOWER FACE "	ON UNIT154 AT TIME STEP 10, STRESS PERIOD	1	1	1	1
UBUDSV SAVING	"	DRAINS"	ON UNIT154 AT TIME STEP 10, STRESS PERIOD	1	1	1
UBUDSV SAVING	"	RECHARGE"	ON UNIT154 AT TIME STEP 10, STRESS PERIOD	1	1	1

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 10, STRESS PERIOD 1

HEAD WILL BE SAVED ON UNIT 150 AT END OF TIME STEP 10, STRESS PERIOD 1

DRAWDOWN WILL BE SAVED ON UNIT 151 AT END OF TIME STEP 10, STRESS PERIOD 1  
 1 VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 10 IN STRESS PERIOD 1

CUMULATIVE VOLUMES	L**3	RATES FOR THIS TIME STEP	L**3/T
IN:		IN:	
STORAGE =	7140.3823	STORAGE =	209.7504
CONSTANT HEAD =	0.0000	CONSTANT HEAD =	0.0000
DRAINS =	0.0000	DRAINS =	0.0000
RECHARGE =	1806.9819	RECHARGE =	120.4655
TOTAL IN =	8947.3643	TOTAL IN =	330.2159
OUT:		OUT:	
STORAGE =	5218.3657	STORAGE =	182.9250
CONSTANT HEAD =	0.0000	CONSTANT HEAD =	0.0000
DRAINS =	3728.0684	DRAINS =	147.1485
RECHARGE =	0.0000	RECHARGE =	0.0000
TOTAL OUT =	8946.4336	TOTAL OUT =	330.0735
IN - OUT =	0.9307	IN - OUT =	0.1423
PERCENT DISCREPANCY =	0.01	PERCENT DISCREPANCY =	0.04

TIME SUMMARY AT END OF TIME STEP 10 IN STRESS PERIOD 1

	SECONDS	MINUTES	HOURS	DAYS	YEARS
TIME STEP LENGTH	9.40901E+07	1.56817E+06	26136.	1089.0	2.9815

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STRESS PERIOD TIME 4.73364E+08 7.88940E+06 1.31490E+05 5478.8 15.000  
 TOTAL TIME 4.73364E+08 7.88940E+06 1.31490E+05 5478.8 15.000

1  
1

STRESS PERIOD NO. 2, LENGTH = 7.000000

NUMBER OF TIME STEPS = 10

MULTIPLIER FOR DELT = 1.200

INITIAL TIME STEP SIZE = 0.2696592

DRAIN NO.	LAYER	ROW	COL	DRAIN EL.	CONDUCTANCE
1	58	1	500	450.0	150.0
2	57	1	500	450.0	150.0
3	56	1	500	450.0	150.0
4	55	1	500	450.0	150.0
5	54	1	500	450.0	150.0
6	53	1	500	450.0	150.0
7	52	1	500	450.0	150.0
8	51	1	500	450.0	150.0
9	50	1	500	450.0	150.0
10	49	1	500	450.0	150.0
11	48	1	500	450.0	150.0
12	47	1	500	450.0	150.0
13	46	1	500	450.0	150.0
14	45	1	500	450.0	150.0
15	44	1	500	450.0	150.0
16	43	1	500	450.0	150.0
17	42	1	500	450.0	150.0
18	41	1	500	450.0	150.0
19	40	1	500	450.0	150.0
20	39	1	500	450.0	150.0
21	38	1	500	450.0	150.0
22	37	1	500	450.0	150.0
23	36	1	500	450.0	150.0
24	35	1	500	450.0	150.0
25	34	1	500	450.0	150.0
26	33	1	500	450.0	150.0
27	32	1	500	450.0	150.0
28	31	1	500	450.0	150.0
29	30	1	500	450.0	150.0
30	29	1	500	450.0	150.0
31	28	1	500	450.0	150.0
32	27	1	500	450.0	150.0
33	26	1	500	450.0	150.0
34	25	1	500	450.0	150.0
35	24	1	500	450.0	150.0

35 DRAINS

RECHARGE

READING ON UNIT 18 WITH FORMAT: (15G11.4)

SOLVING FOR HEAD

CELL CONVERSIONS FOR ITER.= 2 LAYER= 9 STEP= 1 PERIOD= 2 (ROW, COL)  
 DRY( 1, 40)

CELL CONVERSIONS FOR ITER.= 2 LAYER= 11 STEP= 1 PERIOD= 2 (ROW, COL)  
 DRY( 1,126) DRY( 1,127)

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8 CALLS TO PCG ROUTINE FOR TIME STEP 1 IN STRESS PERIOD 2  
50 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 1, STRESS PERIOD 2

SOLVING FOR HEAD

CELL CONVERSIONS FOR ITER.= 2 LAYER= 10 STEP= 2 PERIOD= 2 (ROW,COL)  
DRY( 1, 49)

CELL CONVERSIONS FOR ITER.= 2 LAYER= 11 STEP= 2 PERIOD= 2 (ROW,COL)  
DRY( 1,123) DRY( 1,124) DRY( 1,125)

3 CALLS TO PCG ROUTINE FOR TIME STEP 2 IN STRESS PERIOD 2  
21 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 2, STRESS PERIOD 2

SOLVING FOR HEAD

CELL CONVERSIONS FOR ITER.= 2 LAYER= 11 STEP= 3 PERIOD= 2 (ROW,COL)  
DRY( 1,120) DRY( 1,121) DRY( 1,122)

4 CALLS TO PCG ROUTINE FOR TIME STEP 3 IN STRESS PERIOD 2  
30 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 3, STRESS PERIOD 2

SOLVING FOR HEAD

CELL CONVERSIONS FOR ITER.= 2 LAYER= 11 STEP= 4 PERIOD= 2 (ROW,COL)  
DRY( 1,115) DRY( 1,116) DRY( 1,117) DRY( 1,118) DRY( 1,119)

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4 CALLS TO PCG ROUTINE FOR TIME STEP 4 IN STRESS PERIOD 2  
31 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 4, STRESS PERIOD 2

SOLVING FOR HEAD

CELL CONVERSIONS FOR ITER.= 2 LAYER= 11 STEP= 5 PERIOD= 2 (ROW,COL)  
DRY( 1,109) DRY( 1,110) DRY( 1,111) DRY( 1,112) DRY( 1,113)  
DRY( 1,114)

CELL CONVERSIONS FOR ITER.= 3 LAYER= 11 STEP= 5 PERIOD= 2 (ROW,COL)  
DRY( 1,108)  
4 CALLS TO PCG ROUTINE FOR TIME STEP 5 IN STRESS PERIOD 2  
30 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 5, STRESS PERIOD 2

SOLVING FOR HEAD

CELL CONVERSIONS FOR ITER.= 2 LAYER= 11 STEP= 6 PERIOD= 2 (ROW,COL)  
DRY( 1, 98) DRY( 1, 99) DRY( 1,100) DRY( 1,101) DRY( 1,102)  
DRY( 1,103) DRY( 1,104) DRY( 1,105) DRY( 1,106) DRY( 1,107)  
4 CALLS TO PCG ROUTINE FOR TIME STEP 6 IN STRESS PERIOD 2  
31 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 6, STRESS PERIOD 2

SOLVING FOR HEAD

CELL CONVERSIONS FOR ITER.= 2 LAYER= 9 STEP= 7 PERIOD= 2 (ROW,COL)  
DRY( 1, 39)

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CELL CONVERSIONS FOR ITER.= 2 LAYER= 10 STEP= 7 PERIOD= 2 (ROW,COL)  
 DRY( 1, 48)

CELL CONVERSIONS FOR ITER.= 2 LAYER= 11 STEP= 7 PERIOD= 2 (ROW,COL)  
 DRY( 1, 77) DRY( 1, 78) DRY( 1, 79) DRY( 1, 80) DRY( 1, 81)  
 DRY( 1, 82) DRY( 1, 83) DRY( 1, 84) DRY( 1, 85) DRY( 1, 86)  
 DRY( 1, 87) DRY( 1, 88) DRY( 1, 89) DRY( 1, 90) DRY( 1, 91)  
 DRY( 1, 92) DRY( 1, 93) DRY( 1, 94) DRY( 1, 95) DRY( 1, 96)  
 DRY( 1, 97)

CELL CONVERSIONS FOR ITER.= 3 LAYER= 11 STEP= 7 PERIOD= 2 (ROW,COL)  
 DRY( 1, 76)  
 5 CALLS TO PCG ROUTINE FOR TIME STEP 7 IN STRESS PERIOD 2  
 37 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 7, STRESS PERIOD 2

SOLVING FOR HEAD

CELL CONVERSIONS FOR ITER.= 2 LAYER= 11 STEP= 8 PERIOD= 2 (ROW,COL)  
 DRY( 1, 54) DRY( 1, 55) DRY( 1, 56) DRY( 1, 57) DRY( 1, 58)  
 DRY( 1, 59) DRY( 1, 60) DRY( 1, 61) DRY( 1, 62) DRY( 1, 63)  
 DRY( 1, 64) DRY( 1, 65) DRY( 1, 66) DRY( 1, 67) DRY( 1, 68)  
 DRY( 1, 69) DRY( 1, 70) DRY( 1, 71) DRY( 1, 72) DRY( 1, 73)  
 DRY( 1, 74) DRY( 1, 75)  
 5 CALLS TO PCG ROUTINE FOR TIME STEP 8 IN STRESS PERIOD 2  
 36 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 8, STRESS PERIOD 2

SOLVING FOR HEAD

5 CALLS TO PCG ROUTINE FOR TIME STEP 9 IN STRESS PERIOD 2  
 40 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0



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SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 9, STRESS PERIOD 2

SOLVING FOR HEAD

CELL CONVERSIONS FOR ITER.= 2 LAYER= 9 STEP= 10 PERIOD= 2 (ROW,COL)  
 DRY( 1, 38)  
 5 CALLS TO PCG ROUTINE FOR TIME STEP 10 IN STRESS PERIOD 2  
 40 TOTAL ITERATIONS

MAXIMUM HEAD CHANGE FOR EACH ITERATION (1 INDICATES THE FIRST INNER ITERATION):

HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL
1 -0.3735E-01 ( 19, 1, 66)	0 -0.2223E-01 ( 13, 1, 56)	0 -0.1229E-01 ( 27, 1, 325)	0 -0.1020E-01 ( 27, 1, 325)	0 0.6958E-02 ( 27, 1, 326)
0 -0.4825E-02 ( 27, 1, 328)	0 -0.2534E-02 ( 27, 1, 327)	0 0.2945E-02 ( 32, 1, 325)	0 -0.5017E-02 ( 22, 1, 53)	0 -0.6823E-02 ( 22, 1, 53)
1 0.2850E-02 ( 27, 1, 326)	0 0.1635E-02 ( 27, 1, 326)	0 0.1416E-02 ( 13, 1, 56)	0 -0.1015E-02 ( 27, 1, 325)	0 -0.1119E-02 ( 10, 1, 38)
0 -0.2074E-02 ( 10, 1, 38)	0 -0.2098E-02 ( 10, 1, 38)	0 -0.1144E-02 ( 10, 1, 38)	0 -0.1082E-02 ( 10, 1, 38)	0 -0.1041E-02 ( 27, 1, 325)
1 0.5143E-03 ( 27, 1, 328)	0 -0.4532E-03 ( 20, 1, 53)	0 -0.5187E-03 ( 20, 1, 53)	0 0.3641E-03 ( 14, 1, 57)	0 -0.7753E-03 ( 20, 1, 53)
0 -0.6492E-03 ( 20, 1, 53)	0 -0.3640E-03 ( 20, 1, 53)	0 -0.1733E-03 ( 21, 1, 53)	0 -0.1340E-03 ( 27, 1, 330)	0 -0.1566E-03 ( 34, 1, 327)
1 0.7957E-04 ( 29, 1, 327)	0 0.9303E-04 ( 27, 1, 330)	0 0.1311E-03 ( 20, 1, 53)	0 0.1013E-03 ( 14, 1, 57)	0 0.1286E-03 ( 20, 1, 53)
0 0.1590E-03 ( 20, 1, 53)	0 0.7662E-04 ( 21, 1, 53)	0 0.5045E-04 ( 27, 1, 326)	0 0.3987E-04 ( 27, 1, 326)	1 -0.3228E-04 ( 27, 1, 326)

MAXIMUM RESIDUAL FOR EACH ITERATION (1 INDICATES THE FIRST INNER ITERATION):

RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL
1 1.070 ( 13, 1, 180)	0 1.070 ( 13, 1, 180)	0 1.061 ( 13, 1, 181)	0 1.031 ( 13, 1, 182)	0 0.9881 ( 13, 1, 182)
0 -0.9448 ( 24, 1, 182)	0 -0.9082 ( 24, 1, 182)	0 -0.8434 ( 24, 1, 182)	0 -0.6706 ( 24, 1, 182)	0 0.4021 ( 13, 1, 184)
1 -0.3970 ( 24, 1, 182)	0 -0.3896 ( 24, 1, 182)	0 -0.3856 ( 24, 1, 182)	0 -0.3722 ( 24, 1, 182)	0 -0.3432 ( 24, 1, 182)
0 -0.2836 ( 24, 1, 182)	0 -0.2157 ( 24, 1, 182)	0 -0.1718 ( 24, 1, 182)	0 -0.1198 ( 24, 1, 182)	0 0.7514E-01 ( 13, 1, 184)
1 0.7166E-01 ( 13, 1, 184)	0 -0.6665E-01 ( 24, 1, 182)	0 -0.6486E-01 ( 24, 1, 182)	0 -0.6323E-01 ( 24, 1, 182)	0 -0.5867E-01 ( 24, 1, 182)
0 -0.5289E-01 ( 24, 1, 182)	0 -0.4730E-01 ( 24, 1, 182)	0 -0.4218E-01 ( 24, 1, 182)	0 -0.3610E-01 ( 24, 1, 182)	0 0.2990E-01 ( 13, 1, 184)
1 -0.2913E-01 ( 24, 1, 182)	0 -0.2825E-01 ( 24, 1, 182)	0 -0.2650E-01 ( 24, 1, 182)	0 -0.2498E-01 ( 24, 1, 182)	0 -0.2220E-01 ( 24, 1, 182)
0 -0.1788E-01 ( 24, 1, 182)	0 -0.1427E-01 ( 24, 1, 182)	0 -0.1093E-01 ( 24, 1, 182)	0 0.8228E-02 ( 13, 1, 185)	1 -0.7960E-02 ( 24, 1, 182)

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 1  
 CELL-BY-CELL FLOW TERM FLAG = 1

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD DRAWDOWN HEAD DRAWDOWN  
 PRINTOUT PRINTOUT SAVE SAVE

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0 0 1 1  
 UBUDSV SAVING " STORAGE" ON UNIT154 AT TIME STEP 10, STRESS PERIOD 2  
 UBUDSV SAVING " CONSTANT HEAD" ON UNIT154 AT TIME STEP 10, STRESS PERIOD 2  
 UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT154 AT TIME STEP 10, STRESS PERIOD 2  
 UBUDSV SAVING "FLOW LOWER FACE " ON UNIT154 AT TIME STEP 10, STRESS PERIOD 2  
 UBUDSV SAVING " DRAINS" ON UNIT154 AT TIME STEP 10, STRESS PERIOD 2  
 UBUDSV SAVING " RECHARGE" ON UNIT154 AT TIME STEP 10, STRESS PERIOD 2

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 10, STRESS PERIOD 2

HEAD WILL BE SAVED ON UNIT 150 AT END OF TIME STEP 10, STRESS PERIOD 2

DRAWDOWN WILL BE SAVED ON UNIT 151 AT END OF TIME STEP 10, STRESS PERIOD 2

1  
 1 VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 10 IN STRESS PERIOD 2

CUMULATIVE VOLUMES	L**3	RATES FOR THIS TIME STEP	L**3/T
IN:		IN:	
STORAGE =	8164.0752	STORAGE =	107.7782
CONSTANT HEAD =	0.0000	CONSTANT HEAD =	0.0000
DRAINS =	0.0000	DRAINS =	0.0000
RECHARGE =	2651.0530	RECHARGE =	120.5816
TOTAL IN =	10815.1279	TOTAL IN =	228.3598
OUT:		OUT:	
STORAGE =	6108.0532	STORAGE =	91.9280
CONSTANT HEAD =	0.0000	CONSTANT HEAD =	0.0000
DRAINS =	4705.4243	DRAINS =	136.4363
RECHARGE =	0.0000	RECHARGE =	0.0000
TOTAL OUT =	10813.4775	TOTAL OUT =	228.3643
IN - OUT =	1.6504	IN - OUT =	-4.5929E-03
PERCENT DISCREPANCY =	0.02	PERCENT DISCREPANCY =	0.00

TIME SUMMARY AT END OF TIME STEP 10 IN STRESS PERIOD 2

	SECONDS	MINUTES	HOURS	DAYS	YEARS
TIME STEP LENGTH	4.39087E+07	7.31812E+05	12197.	508.20	1.3914
STRESS PERIOD TIME	2.20903E+08	3.68172E+06	61362.	2556.8	7.0000
TOTAL TIME	6.94267E+08	1.15711E+07	1.92852E+05	8035.5	22.000

1  
 1

STRESS PERIOD NO. 3, LENGTH = 30.00000

NUMBER OF TIME STEPS = 10  
 MULTIPLIER FOR DELT = 1.200  
 INITIAL TIME STEP SIZE = 1.155682

## SECTION\_A\_DESIGN\_CASE\_NOD3

DRAIN NO.	LAYER	ROW	COL	DRAIN EL.	CONDUCTANCE
1	58	1	500	450.0	150.0
2	57	1	500	450.0	150.0
3	56	1	500	450.0	150.0
4	55	1	500	450.0	150.0
5	54	1	500	450.0	150.0
6	53	1	500	450.0	150.0
7	52	1	500	450.0	150.0
8	51	1	500	450.0	150.0
9	50	1	500	450.0	150.0
10	49	1	500	450.0	150.0
11	48	1	500	450.0	150.0
12	47	1	500	450.0	150.0
13	46	1	500	450.0	150.0
14	45	1	500	450.0	150.0
15	44	1	500	450.0	150.0
16	43	1	500	450.0	150.0
17	42	1	500	450.0	150.0
18	41	1	500	450.0	150.0
19	40	1	500	450.0	150.0
20	39	1	500	450.0	150.0
21	38	1	500	450.0	150.0
22	37	1	500	450.0	150.0
23	36	1	500	450.0	150.0
24	35	1	500	450.0	150.0
25	34	1	500	450.0	150.0
26	33	1	500	450.0	150.0
27	32	1	500	450.0	150.0
28	31	1	500	450.0	150.0
29	30	1	500	450.0	150.0
30	29	1	500	450.0	150.0
31	28	1	500	450.0	150.0
32	27	1	500	450.0	150.0
33	26	1	500	450.0	150.0
34	25	1	500	450.0	150.0
35	24	1	500	450.0	150.0

35 DRAINS

## RECHARGE

READING ON UNIT 18 WITH FORMAT: (15G11.4)

SOLVING FOR HEAD

5 CALLS TO PCG ROUTINE FOR TIME STEP 1 IN STRESS PERIOD 3  
37 TOTAL ITERATIONSHEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 1, STRESS PERIOD 3

## SECTION\_A\_DESIGN\_CASE\_NOD3

SOLVING FOR HEAD

CELL CONVERSIONS FOR ITER.= 2 LAYER= 10 STEP= 2 PERIOD= 3 (ROW,COL)  
 DRY( 1, 47)  
 5 CALLS TO PCG ROUTINE FOR TIME STEP 2 IN STRESS PERIOD 3  
 37 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 2, STRESS PERIOD 3

SOLVING FOR HEAD

CELL CONVERSIONS FOR ITER.= 3 LAYER= 9 STEP= 3 PERIOD= 3 (ROW,COL)  
 DRY( 1, 37)  
 4 CALLS TO PCG ROUTINE FOR TIME STEP 3 IN STRESS PERIOD 3  
 28 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 3, STRESS PERIOD 3

SOLVING FOR HEAD

5 CALLS TO PCG ROUTINE FOR TIME STEP 4 IN STRESS PERIOD 3  
 40 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 4, STRESS PERIOD 3

SOLVING FOR HEAD

CELL CONVERSIONS FOR ITER.= 2 LAYER= 10 STEP= 5 PERIOD= 3 (ROW,COL)  
 DRY( 1, 46)  
 5 CALLS TO PCG ROUTINE FOR TIME STEP 5 IN STRESS PERIOD 3  
 39 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0

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CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 5, STRESS PERIOD 3

SOLVING FOR HEAD

CELL CONVERSIONS FOR ITER.= 2 LAYER= 9 STEP= 6 PERIOD= 3 (ROW,COL)  
 DRY( 1, 36)  
 5 CALLS TO PCG ROUTINE FOR TIME STEP 6 IN STRESS PERIOD 3  
 40 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 6, STRESS PERIOD 3

SOLVING FOR HEAD

CELL CONVERSIONS FOR ITER.= 2 LAYER= 10 STEP= 7 PERIOD= 3 (ROW,COL)  
 DRY( 1, 45)  
 5 CALLS TO PCG ROUTINE FOR TIME STEP 7 IN STRESS PERIOD 3  
 40 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 7, STRESS PERIOD 3

SOLVING FOR HEAD

CELL CONVERSIONS FOR ITER.= 2 LAYER= 9 STEP= 8 PERIOD= 3 (ROW,COL)  
 DRY( 1, 35)  
 5 CALLS TO PCG ROUTINE FOR TIME STEP 8 IN STRESS PERIOD 3  
 35 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

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-----  
 0            0            0            0  
 SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 8, STRESS PERIOD 3

SOLVING FOR HEAD

CELL CONVERSIONS FOR ITER.= 2 LAYER= 9 STEP= 9 PERIOD= 3 (ROW,COL)  
 DRY( 1, 34)

CELL CONVERSIONS FOR ITER.= 2 LAYER= 10 STEP= 9 PERIOD= 3 (ROW,COL)  
 DRY( 1, 44)  
 6 CALLS TO PCG ROUTINE FOR TIME STEP 9 IN STRESS PERIOD 3  
 45 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1            TOTAL BUDGET PRINTOUT FLAG = 0  
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD        DRAWDOWN    HEAD        DRAWDOWN  
 PRINTOUT   PRINTOUT    SAVE        SAVE

-----  
 0            0            0            0  
 -----

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 9, STRESS PERIOD 3

SOLVING FOR HEAD

CELL CONVERSIONS FOR ITER.= 2 LAYER= 10 STEP= 10 PERIOD= 3 (ROW,COL)  
 DRY( 1, 43)

CELL CONVERSIONS FOR ITER.= 2 LAYER= 11 STEP= 10 PERIOD= 3 (ROW,COL)  
 DRY( 1, 53)  
 4 CALLS TO PCG ROUTINE FOR TIME STEP 10 IN STRESS PERIOD 3  
 31 TOTAL ITERATIONS

MAXIMUM HEAD CHANGE FOR EACH ITERATION (1 INDICATES THE FIRST INNER ITERATION):

HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL
1 -0.5668E-01 ( 10, 1, 40)	0 0.7478E-02 ( 15, 1, 58)	0 -0.5679E-02 ( 27, 1, 326)	0 0.6899E-02 ( 27, 1, 328)	0 -0.3696E-02 ( 27, 1, 330)
0 0.2489E-02 ( 27, 1, 326)	0 -0.1981E-02 ( 27, 1, 328)	0 -0.4875E-02 ( 12, 1, 34)	0 -0.9282E-02 ( 12, 1, 34)	0 -0.3847E-02 ( 12, 1, 34)
1 0.1628E-02 ( 17, 1, 63)	0 -0.1177E-02 ( 27, 1, 325)	0 -0.9342E-03 ( 14, 1, 57)	0 0.7757E-03 ( 17, 1, 61)	0 -0.5283E-03 ( 27, 1, 331)
0 -0.6630E-03 ( 11, 1, 43)	0 -0.7014E-03 ( 11, 1, 43)	0 -0.3633E-03 ( 27, 1, 329)	0 0.3995E-03 ( 27, 1, 327)	0 -0.6429E-03 ( 11, 1, 43)
1 0.2543E-03 ( 27, 1, 328)	0 -0.2786E-03 ( 27, 1, 327)	0 0.2145E-03 ( 27, 1, 329)	0 0.1953E-03 ( 14, 1, 58)	0 -0.2506E-03 ( 11, 1, 44)
0 -0.4291E-03 ( 11, 1, 44)	0 -0.3654E-03 ( 11, 1, 44)	0 -0.4165E-03 ( 11, 1, 43)	0 -0.4432E-03 ( 11, 1, 43)	0 -0.4380E-03 ( 11, 1, 43)
1 0.1569E-03 ( 17, 1, 63)				

MAXIMUM RESIDUAL FOR EACH ITERATION (1 INDICATES THE FIRST INNER ITERATION):

RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL

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1 0.3763 0 0.3805 0 0.3815 0 0.3785 0 0.3741  
 ( 13, 1,181) ( 13, 1,181) ( 13, 1,181) ( 13, 1,182) ( 13, 1,182)  
 0 -0.3680 0 -0.3515 0 -0.2833 0 -0.1452 0 -0.9476E-01  
 ( 24, 1,182) ( 24, 1,182) ( 24, 1,182) ( 24, 1,182) ( 25, 1,326)  
 1 -0.7853E-01 0 -0.7047E-01 0 -0.6701E-01 0 -0.6194E-01 0 -0.5439E-01  
 ( 24, 1,182) ( 24, 1,182) ( 24, 1,182) ( 24, 1,182) ( 24, 1,182)  
 0 -0.4508E-01 0 0.3774E-01 0 0.3610E-01 0 0.3395E-01 0 0.2998E-01  
 ( 24, 1,182) ( 13, 1,184) ( 13, 1,184) ( 13, 1,184) ( 13, 1,184)  
 1 0.2945E-01 0 0.2829E-01 0 -0.2737E-01 0 -0.2725E-01 0 -0.2685E-01  
 ( 13, 1,184) ( 13, 1,184) ( 24, 1,182) ( 24, 1,182) ( 24, 1,182)  
 0 -0.2540E-01 0 -0.2313E-01 0 -0.1893E-01 0 -0.1334E-01 0 0.7720E-02  
 ( 24, 1,182) ( 24, 1,182) ( 24, 1,182) ( 24, 1,182) ( 13, 1,168)  
 1 0.7482E-02  
 ( 13, 1,168)

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 1  
 CELL-BY-CELL FLOW TERM FLAG = 1

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD DRAWDOWN HEAD DRAWDOWN  
 PRINTOUT PRINTOUT SAVE SAVE

-----  
 0 0 1 1  
 UBUDSV SAVING " STORAGE" ON UNIT154 AT TIME STEP 10, STRESS PERIOD 3  
 UBUDSV SAVING " CONSTANT HEAD" ON UNIT154 AT TIME STEP 10, STRESS PERIOD 3  
 UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT154 AT TIME STEP 10, STRESS PERIOD 3  
 UBUDSV SAVING "FLOW LOWER FACE " ON UNIT154 AT TIME STEP 10, STRESS PERIOD 3  
 UBUDSV SAVING " DRAINS" ON UNIT154 AT TIME STEP 10, STRESS PERIOD 3  
 UBUDSV SAVING " RECHARGE" ON UNIT154 AT TIME STEP 10, STRESS PERIOD 3

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 10, STRESS PERIOD 3

HEAD WILL BE SAVED ON UNIT 150 AT END OF TIME STEP 10, STRESS PERIOD 3

DRAWDOWN WILL BE SAVED ON UNIT 151 AT END OF TIME STEP 10, STRESS PERIOD 3

1 VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 10 IN STRESS PERIOD 3

-----  
 CUMULATIVE VOLUMES L\*\*3 RATES FOR THIS TIME STEP L\*\*3/T  
 -----  
 IN: IN:  
 --- ---  
 STORAGE = 9315.9883 STORAGE = 16.1765  
 CONSTANT HEAD = 0.0000 CONSTANT HEAD = 0.0000  
 DRAINS = 0.0000 DRAINS = 0.0000  
 RECHARGE = 6268.4995 RECHARGE = 120.5816  
 TOTAL IN = 15584.4883 TOTAL IN = 136.7581  
 OUT: OUT:  
 --- ---  
 STORAGE = 6835.9741 STORAGE = 2.2213  
 CONSTANT HEAD = 0.0000 CONSTANT HEAD = 0.0000  
 DRAINS = 8746.0840 DRAINS = 134.5932  
 RECHARGE = 0.0000 RECHARGE = 0.0000  
 TOTAL OUT = 15582.0586 TOTAL OUT = 136.8145  
 IN - OUT = 2.4297 IN - OUT = -5.6473E-02

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PERCENT DISCREPANCY = 0.02 PERCENT DISCREPANCY = -0.04

	SECONDS	MINUTES	HOURS	DAYS	YEARS
TIME STEP LENGTH	1.88180E+08	3.13634E+06	52272.	2178.0	5.9631
STRESS PERIOD TIME	9.46728E+08	1.57788E+07	2.62980E+05	10958.	30.000
TOTAL TIME	1.64100E+09	2.73499E+07	4.55832E+05	18993.	52.000

1  
1

STRESS PERIOD NO. 4, LENGTH = 22.00000

NUMBER OF TIME STEPS = 10

MULTIPLIER FOR DELT = 1.200

INITIAL TIME STEP SIZE = 0.8475004

0 DRAINS

RECHARGE = 0.00000

SOLVING FOR HEAD

CELL CONVERSIONS FOR ITER.= 2 LAYER= 9 STEP= 1 PERIOD= 4 (ROW, COL)  
 DRY( 1, 33)

6 CALLS TO PCG ROUTINE FOR TIME STEP 1 IN STRESS PERIOD 4  
 45 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 1, STRESS PERIOD 4

SOLVING FOR HEAD

4 CALLS TO PCG ROUTINE FOR TIME STEP 2 IN STRESS PERIOD 4  
 26 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS



SECTION\_A\_DESIGN\_CASE\_NOD3  
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 2, STRESS PERIOD 4

SOLVING FOR HEAD  
4 CALLS TO PCG ROUTINE FOR TIME STEP 3 IN STRESS PERIOD 4  
24 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 3, STRESS PERIOD 4

SOLVING FOR HEAD

CELL CONVERSIONS FOR ITER.= 2 LAYER= 10 STEP= 4 PERIOD= 4 (ROW,COL)  
DRY( 1, 42)  
3 CALLS TO PCG ROUTINE FOR TIME STEP 4 IN STRESS PERIOD 4  
21 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 4, STRESS PERIOD 4

SOLVING FOR HEAD

CELL CONVERSIONS FOR ITER.= 2 LAYER= 9 STEP= 5 PERIOD= 4 (ROW,COL)  
DRY( 1, 32)

CELL CONVERSIONS FOR ITER.= 2 LAYER= 11 STEP= 5 PERIOD= 4 (ROW,COL)  
DRY( 1, 52)  
3 CALLS TO PCG ROUTINE FOR TIME STEP 5 IN STRESS PERIOD 4  
21 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 5, STRESS PERIOD 4

SOLVING FOR HEAD

4 CALLS TO PCG ROUTINE FOR TIME STEP 6 IN STRESS PERIOD 4

SECTION\_A\_DESIGN\_CASE\_NOD3

24 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1      TOTAL BUDGET PRINTOUT FLAG = 0  
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 6, STRESS PERIOD 4

SOLVING FOR HEAD

CELL CONVERSIONS FOR ITER.= 2 LAYER= 9 STEP= 7 PERIOD= 4 (ROW,COL)  
 DRY( 1, 31)

CELL CONVERSIONS FOR ITER.= 2 LAYER= 10 STEP= 7 PERIOD= 4 (ROW,COL)  
 DRY( 1, 41)  
 4 CALLS TO PCG ROUTINE FOR TIME STEP 7 IN STRESS PERIOD 4  
 26 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1      TOTAL BUDGET PRINTOUT FLAG = 0  
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 7, STRESS PERIOD 4

SOLVING FOR HEAD

4 CALLS TO PCG ROUTINE FOR TIME STEP 8 IN STRESS PERIOD 4  
 30 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1      TOTAL BUDGET PRINTOUT FLAG = 0  
 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 8, STRESS PERIOD 4

SOLVING FOR HEAD

CELL CONVERSIONS FOR ITER.= 2 LAYER= 9 STEP= 9 PERIOD= 4 (ROW,COL)  
 DRY( 1, 30)

CELL CONVERSIONS FOR ITER.= 2 LAYER= 10 STEP= 9 PERIOD= 4 (ROW,COL)  
 DRY( 1, 40)

CELL CONVERSIONS FOR ITER.= 2 LAYER= 11 STEP= 9 PERIOD= 4 (ROW,COL)  
 DRY( 1, 51)

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4 CALLS TO PCG ROUTINE FOR TIME STEP 9 IN STRESS PERIOD 4  
30 TOTAL ITERATIONS

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 0  
CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD PRINTOUT	DRAWDOWN PRINTOUT	HEAD SAVE	DRAWDOWN SAVE
0	0	0	0

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 9, STRESS PERIOD 4

SOLVING FOR HEAD

CELL CONVERSIONS FOR ITER.= 2 LAYER= 9 STEP= 10 PERIOD= 4 (ROW, COL)  
DRY( 1, 29)

CELL CONVERSIONS FOR ITER.= 2 LAYER= 10 STEP= 10 PERIOD= 4 (ROW, COL)  
DRY( 1, 39)

5 CALLS TO PCG ROUTINE FOR TIME STEP 10 IN STRESS PERIOD 4  
39 TOTAL ITERATIONS

MAXIMUM HEAD CHANGE FOR EACH ITERATION (1 INDICATES THE FIRST INNER ITERATION):

HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL	HEAD CHANGE LAYER, ROW, COL
1 -0.1000 ( 9, 1, 29)	0 0.3858E-01 ( 27, 1,326)	0 -0.1311E-01 ( 14, 1, 58)	0 0.1212E-01 ( 27, 1,325)	0 0.6371E-02 ( 27, 1,325)
0 -0.3926E-02 ( 27, 1,326)	0 0.2430E-02 ( 27, 1,328)	0 0.1659E-02 ( 27, 1,333)	0 -0.1255E-02 ( 47, 1,493)	0 0.9912E-03 ( 27, 1,326)
1 0.8175E-03 ( 27, 1,335)	0 0.7696E-03 ( 39, 1,324)	0 0.1591E-02 ( 39, 1,324)	0 0.1103E-02 ( 39, 1,324)	0 0.1040E-02 ( 39, 1,324)
0 0.1300E-02 ( 39, 1,324)	0 0.1298E-02 ( 39, 1,324)	0 -0.1337E-02 ( 36, 1,326)	0 0.7179E-03 ( 39, 1,324)	0 0.3549E-03 ( 27, 1,325)
1 0.1304E-03 ( 27, 1,328)	0 -0.1832E-03 ( 27, 1,325)	0 0.2219E-03 ( 39, 1,326)	0 -0.2424E-03 ( 36, 1,328)	0 0.1813E-03 ( 38, 1,325)
0 0.1402E-03 ( 14, 1, 58)	0 -0.1550E-03 ( 36, 1,328)	0 0.1404E-03 ( 9, 1, 28)	0 0.1285E-03 ( 9, 1, 28)	0 0.1131E-03 ( 9, 1, 28)
1 -0.4279E-04 ( 47, 1,491)	0 0.5752E-04 ( 27, 1,329)	0 0.5774E-04 ( 9, 1, 28)	0 0.7276E-04 ( 9, 1, 28)	0 -0.4880E-04 ( 16, 1, 58)
0 0.6316E-04 ( 9, 1, 28)	0 0.7731E-04 ( 9, 1, 28)	0 0.8325E-04 ( 9, 1, 28)	1 0.3153E-04 ( 27, 1,326)	

MAXIMUM RESIDUAL FOR EACH ITERATION (1 INDICATES THE FIRST INNER ITERATION):

RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL	RESIDUAL LAYER, ROW, COL
1 -0.7753 ( 26, 1,325)	0 -0.4347 ( 26, 1,325)	0 -0.2936 ( 27, 1,325)	0 0.1667 ( 26, 1,326)	0 -0.1038 ( 26, 1,327)
0 -0.7809E-01 ( 26, 1,327)	0 -0.9660E-01 ( 24, 1,326)	0 -0.8068E-01 ( 25, 1,326)	0 -0.5220E-01 ( 25, 1,326)	0 -0.4388E-01 ( 24, 1,182)
1 0.1079 ( 20, 1,325)	0 0.1029 ( 20, 1,325)	0 0.9206E-01 ( 20, 1,325)	0 0.8425E-01 ( 20, 1,325)	0 0.7663E-01 ( 20, 1,325)
0 0.6624E-01 ( 20, 1,325)	0 0.5530E-01 ( 20, 1,325)	0 0.4476E-01 ( 20, 1,325)	0 0.3767E-01 ( 20, 1,325)	0 0.3416E-01 ( 20, 1,325)
1 0.3382E-01 ( 20, 1,325)	0 0.3223E-01 ( 20, 1,325)	0 0.3010E-01 ( 20, 1,325)	0 0.2763E-01 ( 20, 1,325)	0 0.2550E-01 ( 20, 1,325)
0 0.2414E-01 ( 20, 1,325)	0 0.2181E-01 ( 20, 1,325)	0 0.1965E-01 ( 20, 1,325)	0 0.1767E-01 ( 20, 1,325)	0 0.1592E-01 ( 20, 1,325)

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1 0.1581E-01 0 0.1528E-01 0 0.1439E-01 0 0.1327E-01 0 0.1257E-01  
 ( 20, 1,325) ( 20, 1,325) ( 20, 1,325) ( 20, 1,325) ( 20, 1,325)  
 0 0.1160E-01 0 0.1042E-01 0 0.9137E-02 1 0.9059E-02  
 ( 20, 1,325) ( 20, 1,325) ( 20, 1,325) ( 20, 1,325)

HEAD/DRAWDOWN PRINTOUT FLAG = 1 TOTAL BUDGET PRINTOUT FLAG = 1  
 CELL-BY-CELL FLOW TERM FLAG = 1

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD DRAWDOWN HEAD DRAWDOWN  
 PRINTOUT PRINTOUT SAVE SAVE

-----  
 0 0 1 1  
 UBUDSV SAVING " STORAGE" ON UNIT154 AT TIME STEP 10, STRESS PERIOD 4  
 UBUDSV SAVING " CONSTANT HEAD" ON UNIT154 AT TIME STEP 10, STRESS PERIOD 4  
 UBUDSV SAVING "FLOW RIGHT FACE " ON UNIT154 AT TIME STEP 10, STRESS PERIOD 4  
 UBUDSV SAVING "FLOW LOWER FACE " ON UNIT154 AT TIME STEP 10, STRESS PERIOD 4  
 UBUDSV SAVING " RECHARGE" ON UNIT154 AT TIME STEP 10, STRESS PERIOD 4

SAVING SATURATED THICKNESS AND FLOW TERMS ON UNIT 175 FOR MT3DMS  
 BY THE LINK-MT3DMS PACKAGE V6.3 AT TIME STEP 10, STRESS PERIOD 4

HEAD WILL BE SAVED ON UNIT 150 AT END OF TIME STEP 10, STRESS PERIOD 4

DRAWDOWN WILL BE SAVED ON UNIT 151 AT END OF TIME STEP 10, STRESS PERIOD 4

1 VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 10 IN STRESS PERIOD 4

CUMULATIVE VOLUMES	L**3	RATES FOR THIS TIME STEP	L**3/T
IN:		IN:	
---		---	
STORAGE =	9650.1152	STORAGE =	14.8223
CONSTANT HEAD =	0.0000	CONSTANT HEAD =	0.0000
DRAINS =	0.0000	DRAINS =	0.0000
RECHARGE =	6268.4995	RECHARGE =	0.0000
TOTAL IN =	15918.6152	TOTAL IN =	14.8223
OUT:		OUT:	
----		----	
STORAGE =	7171.1162	STORAGE =	14.8354
CONSTANT HEAD =	0.0000	CONSTANT HEAD =	0.0000
DRAINS =	8746.0840	DRAINS =	0.0000
RECHARGE =	0.0000	RECHARGE =	0.0000
TOTAL OUT =	15917.2002	TOTAL OUT =	14.8354
IN - OUT =	1.4150	IN - OUT =	-1.3109E-02
PERCENT DISCREPANCY =	0.01	PERCENT DISCREPANCY =	-0.09

TIME SUMMARY AT END OF TIME STEP 10 IN STRESS PERIOD 4  
 SECONDS MINUTES HOURS DAYS YEARS

SECTION\_A\_DESIGN\_CASE\_NOD3

TIME STEP LENGTH	1.37999E+08	2.29998E+06	38333.	1597.2	4.3729
STRESS PERIOD TIME	6.94267E+08	1.15711E+07	1.92852E+05	8035.5	22.000
TOTAL TIME	2.33526E+09	3.89210E+07	6.48684E+05	27028.	74.000

1

Run end date and time (yyyy/mm/dd hh:mm:ss): 2013/01/17 12:56:25  
Elapsed run time: 5.155 Secondsú