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LOAD 1 LOADTYPE Seismic  TITLE ELX
1893 LOAD X 1
PERFORM ANALYSIS
CHANGE
LOAD 2 LOADTYPE Seismic  TITLE ELZ
1893 LOAD Z 1
PERFORM ANALYSIS
CHANGE
LOAD 3 LOADTYPE Seismic  TITLE ELY

LOAD 4 LOADTYPE Dead  TITLE DL
SELFWEIGHT Y -1

LOAD 5 LOADTYPE Live REDUCIBLE TITLE LL

LOAD 6 LOADTYPE Wind  TITLE WLX

LOAD 7 LOADTYPE Wind  TITLE WL-X

LOAD 8 LOADTYPE Wind  TITLE WLZ

LOAD 9 LOADTYPE Wind  TITLE WL-Z

LOAD 10 LOADTYPE Seismic  TITLE RSX

LOAD 11 LOADTYPE Seismic  TITLE RSY

LOAD 12 LOADTYPE Seismic  TITLE RSZ

LOAD COMB 101 +RSX+0.3RSY+0.3RSZ
10 1.0 11 0.3 12 0.3
LOAD COMB 102 +RSX+0.3RSY-0.3RSZ
10 1.0 11 0.3 12 -0.3
LOAD COMB 103 RSX-0.3RSY+0.3RSZ
10 1.0 11 -0.3 12 0.3
LOAD COMB 104 +RSX-0.3RSY-0.3RSZ
10 1.0 11 -0.3 12 -0.3
LOAD COMB 105 -RSX+0.3RSY+0.3RSZ)
10 -1.0 11 0.3 12 0.3
LOAD COMB 106 -RSX+0.3RSY-0.3RSZ)
10 -1.0 11 0.3 12 -0.3
LOAD COMB 107 -RSX-0.3RSY+0.3RSZ)
10 -1.0 11 -0.3 12 0.3
LOAD COMB 108 -RSX-0.3RSY-0.3RSZ)
10 -1.0 11 -0.3 12 -0.3
*****
LOAD COMB 109 +RSZ+0.3RSY+0.3RSX)
12 1.0 11 0.3 10 0.3
LOAD COMB 110 +RSZ+0.3RSY-0.3RSX)
12 1.0 11 0.3 10 -0.3
LOAD COMB 111 +RSZ-0.3RSY+0.3RSX)
12 1.0 11 -0.3 10 0.3
LOAD COMB 112 +RSZ-0.3RSY-0.3RSX)
12 1.0 11 -0.3 10 -0.3

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LOAD COMB 113 -RSZ+0.3RSY+0.3RSX)
12 -1.0 11 0.3 10 0.3
LOAD COMB 114 -RSZ+0.3RSY-0.3RSX)
12 -1.0 11 0.3 10 -0.3
LOAD COMB 115 -RSZ-0.3RSY+0.3RSX)
12 -1.0 11 -0.3 10 0.3
LOAD COMB 116 -RSZ-0.3RSY-0.3RSX)
12 -1.0 11 -0.3 10 -0.3
*****
LOAD COMB 117 +RSY+0.3RSZ+0.3RSX)
11 1.0 12 0.3 10 0.3
LOAD COMB 118 +RSY+0.3RSZ-0.3RSX)
11 1.0 12 0.3 10 -0.3
LOAD COMB 119 +RSY-0.3RSZ+0.3RSX)
11 1.0 12 -0.3 10 0.3
LOAD COMB 120 +RSY-0.3RSZ-0.3RSX)
11 1.0 12 -0.3 10 -0.3
LOAD COMB 121 -RSY+0.3RSZ+0.3RSX)
11 -1.0 12 0.3 10 0.3
LOAD COMB 122 -RSY+0.3RSZ-0.3RSX)
11 -1.0 12 0.3 10 -0.3
LOAD COMB 123 -RSY-0.3RSZ+0.3RSX)
11 -1.0 12 -0.3 10 0.3
LOAD COMB 124 -RSY-0.3RSZ-0.3RSX)
11 -1.0 12 -0.3 10 -0.3
LOAD COMB 201 1.5(DL+LL)
4 1.5 5 1.5
LOAD COMB 202 1.2(DL+LL+W LX)
4 1.2 5 1.2 6 1.2
LOAD COMB 203 1.2(DL+LL+W L-X)
4 1.2 5 1.2 7 1.2
LOAD COMB 204 1.2(DL+LL+W LZ)
4 1.2 5 1.2 8 1.2
LOAD COMB 205 1.2(DL+LL+W L-Z)
4 1.2 5 1.2 9 1.2
LOAD COMB 206 1.5(DL+W LX)
4 1.5 6 1.5
LOAD COMB 207 1.5(DL+W L-X)
4 1.5 7 1.5
LOAD COMB 208 1.5(DL+W LZ)
4 1.5 8 1.5
LOAD COMB 209 1.5(DL+W L-Z)
4 1.5 9 1.5
LOAD COMB 210 1.5(DL+101)
4 1.5 101 1.5
LOAD COMB 211 1.5(DL+102)
4 1.5 102 1.5
LOAD COMB 212 1.5(DL+103)
4 1.5 103 1.5
LOAD COMB 213 1.5(DL+104)
4 1.5 104 1.5
LOAD COMB 214 1.5(DL+105)
4 1.5 105 1.5
LOAD COMB 215 1.5(DL+106)
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4 1.5 106 1.5
LOAD COMB 216 1.5(DL+107)
4 1.5 107 1.5
LOAD COMB 217 1.5(DL+108)
4 1.5 108 1.5
LOAD COMB 218 1.5(DL+109)
4 1.5 109 1.5
LOAD COMB 219 1.5(DL+110)
4 1.5 110 1.5
LOAD COMB 220 1.5(DL+111)
4 1.5 111 1.5
LOAD COMB 221 1.5(DL+112)
4 1.5 112 1.5
LOAD COMB 222 1.5(DL+113)
4 1.5 113 1.5
LOAD COMB 223 1.5(DL+114)
4 1.5 114 1.5
LOAD COMB 224 1.5(DL+115)
4 1.5 115 1.5
LOAD COMB 225 1.5(DL+116)
4 1.5 116 1.5
LOAD COMB 226 1.5(DL+117)
4 1.5 117 1.5
LOAD COMB 227 1.5(DL+118)
4 1.5 118 1.5
LOAD COMB 228 1.5(DL+119)
4 1.5 119 1.5
LOAD COMB 229 1.5(DL+120)
4 1.5 120 1.5
LOAD COMB 230 1.5(DL+121)
4 1.5 121 1.5
LOAD COMB 231 1.5(DL+122)
4 1.5 122 1.5
LOAD COMB 232 1.5(DL+123)
4 1.5 123 1.5
LOAD COMB 233 1.5(DL+124)
4 1.5 124 1.5
*****
LOAD COMB 234 1.2(DL+LL+101)
4 1.2 5 1.2 101 1.2
LOAD COMB 235 1.2(DL+LL+102)
4 1.2 5 1.2 102 1.2
LOAD COMB 236 1.2(DL+LL+103)
4 1.2 5 1.2 103 1.2
LOAD COMB 237 1.2(DL+LL+104)
4 1.2 5 1.2 104 1.2
LOAD COMB 238 1.2(DL+LL+105)
4 1.2 5 1.2 105 1.2
LOAD COMB 239 1.2(DL+LL+106)
4 1.2 5 1.2 106 1.2
LOAD COMB 240 1.2(DL+LL+107)
4 1.2 5 1.2 107 1.2
LOAD COMB 241 1.2(DL+LL+108)
4 1.2 5 1.2 108 1.2
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LOAD COMB 242 1.2(DL+LL+109)
4 1.2 5 1.2 109 1.2
LOAD COMB 243 1.2(DL+LL+110)
4 1.2 5 1.2 110 1.2
LOAD COMB 244 1.2(DL+LL+111)
4 1.2 5 1.2 111 1.2
LOAD COMB 245 1.2(DL+LL+112)
4 1.2 5 1.2 112 1.2
LOAD COMB 246 1.2(DL+LL+113)
4 1.2 5 1.2 113 1.2
LOAD COMB 247 1.2(DL+LL+114)
4 1.2 5 1.2 114 1.2
LOAD COMB 248 1.2(DL+LL+115)
4 1.2 5 1.2 115 1.2
LOAD COMB 249 1.2(DL+LL+116)
4 1.2 5 1.2 116 1.2
LOAD COMB 250 1.2(DL+LL+117)
4 1.2 5 1.2 117 1.2
LOAD COMB 251 1.2(DL+LL+118)
4 1.2 5 1.2 118 1.2
LOAD COMB 252 1.2(DL+LL+119)
4 1.2 5 1.2 119 1.2
LOAD COMB 253 1.2(DL+LL+120)
4 1.2 5 1.2 120 1.2
LOAD COMB 254 1.2(DL+LL+121)
4 1.2 5 1.2 121 1.2
LOAD COMB 255 1.2(DL+LL+122)
4 1.2 5 1.2 122 1.2
LOAD COMB 256 1.2(DL+LL+123)
4 1.2 5 1.2 123 1.2
LOAD COMB 257 1.2(DL+LL+124)
4 1.2 5 1.2 124 1.2
LOAD COMB 258 0.9 DL+1.5 (101)
4 0.9 101 1.5
LOAD COMB 259 0.9(DL+1.5 (102)
4 0.9 102 1.5
LOAD COMB 260 0.9(DL+1.5 (103)
4 0.9 103 1.5
LOAD COMB 261 0.9(DL+1.5 (104)
4 0.9 104 1.5
LOAD COMB 262 0.9(DL+1.5 (105)
4 0.9 105 1.5
LOAD COMB 263 0.9(DL+1.5 (106)
4 0.9 106 1.5
LOAD COMB 264 0.9(DL+1.5 (107)
4 0.9 107 1.5
LOAD COMB 265 0.9(DL+1.5 (108)
4 0.9 108 1.5
LOAD COMB 266 0.9(DL+1.5 (109)
4 0.9 109 1.5
LOAD COMB 267 0.9(DL+1.5 (110)
4 0.9 110 1.5
LOAD COMB 268 0.9(DL+1.5 (111)
4 0.9 111 1.5
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LOAD COMB 269 0.9(DL+1.5 (112)
4 0.9 112 1.5
LOAD COMB 270 0.9(DL+1.5 (113)
4 0.9 113 1.5
LOAD COMB 271 0.9(DL+1.5 (114)
4 0.9 114 1.5
LOAD COMB 272 0.9(DL+1.5 (115)
4 0.9 115 1.5
LOAD COMB 273 0.9(DL+1.5 (116)
4 0.9 116 1.5
LOAD COMB 274 0.9(DL+1.5 (117)
4 0.9 117 1.5
LOAD COMB 275 0.9(DL+1.5 (118)
4 0.9 118 1.5
LOAD COMB 276 0.9(DL+1.5 (119)
4 0.9 119 1.5
LOAD COMB 277 0.9(DL+1.5 (120)
4 0.9 120 1.5
LOAD COMB 278 0.9(DL+1.5 (121)
4 0.9 121 1.5
LOAD COMB 279 0.9(DL+1.5 (122)
4 0.9 122 1.5
LOAD COMB 280 0.9(DL+1.5 (123)
4 0.9 123 1.5
LOAD COMB 281 0.9(DL+1.5 (124)
4 0.9 124 1.5
*****SERVICE LOAD COMBINATIONS*****
LOAD COMB 301 1.0(DL+LL)
4 1.0 5 1.0
LOAD COMB 302 1.0(DL+LL+WLX)
4 1.0 5 1.0 6 1.0
LOAD COMB 303 1.0(DL+LL+WL-X)
4 1.0 5 1.0 7 1.0
LOAD COMB 304 1.0(DL+LL+WLZ)
4 1.0 5 1.0 8 1.0
LOAD COMB 305 1.0(DL+LL+WL-Z)
4 1.0 5 1.0 9 1.0
LOAD COMB 306 1.0(DL+WLX)
4 1.0 6 1.0
LOAD COMB 307 1.0(DL+WL-X)
4 1.0 7 1.0
LOAD COMB 308 1.0(DL+WLZ)
4 1.0 8 1.0
LOAD COMB 309 1.0(DL+WL-Z)
4 1.0 9 1.0
LOAD COMB 310 1.0(DL+101)
4 1.0 101 1.0
LOAD COMB 311 1.0(DL+102)
4 1.0 102 1.0
LOAD COMB 312 1.0(DL+103)
4 1.0 103 1.0
LOAD COMB 313 1.0(DL+104)
4 1.0 104 1.0
LOAD COMB 314 1.0(DL+105)
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```
4 1.0 105 1.0
LOAD COMB 315 1.0(DL+106)
4 1.0 106 1.0
LOAD COMB 316 1.0(DL+107)
4 1.0 107 1.0
LOAD COMB 317 1.0(DL+108)
4 1.0 108 1.0
LOAD COMB 318 1.0(DL+109)
4 1.0 109 1.0
LOAD COMB 319 1.0(DL+110)
4 1.0 110 1.0
LOAD COMB 320 1.0(DL+111)
4 1.0 111 1.0
LOAD COMB 321 1.0(DL+112)
4 1.0 112 1.0
LOAD COMB 322 1.0(DL+113)
4 1.0 113 1.0
LOAD COMB 323 1.0(DL+114)
4 1.0 114 1.0
LOAD COMB 324 1.0(DL+115)
4 1.0 115 1.0
LOAD COMB 325 1.0(DL+116)
4 1.0 116 1.0
LOAD COMB 326 1.0(DL+117)
4 1.0 117 1.0
LOAD COMB 327 1.0(DL+118)
4 1.0 118 1.0
LOAD COMB 328 1.0(DL+119)
4 1.0 119 1.0
LOAD COMB 329 1.0(DL+120)
4 1.0 120 1.0
LOAD COMB 330 1.0(DL+121)
4 1.0 121 1.0
LOAD COMB 331 1.0(DL+122)
4 1.0 122 1.0
LOAD COMB 332 1.0(DL+123)
4 1.0 123 1.0
LOAD COMB 333 1.0(DL+124)
4 1.0 124 1.0
*****
LOAD COMB 334 1.0(DL+LL+101)
4 1.0 5 1.0 101 1.0
LOAD COMB 335 1.0(DL+LL+102)
4 1.0 5 1.0 102 1.0
LOAD COMB 336 1.0(DL+LL+103)
4 1.0 5 1.0 103 1.0
LOAD COMB 337 1.0(DL+LL+104)
4 1.0 5 1.0 104 1.0
LOAD COMB 338 1.0(DL+LL+105)
4 1.0 5 1.0 105 1.0
LOAD COMB 339 1.0(DL+LL+106)
4 1.0 5 1.0 106 1.0
LOAD COMB 340 1.0(DL+LL+107)
4 1.0 5 1.0 107 1.0
```

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LOAD COMB 341 1.0(DL+LL+108)
4 1.0 5 1.0 108 1.0
LOAD COMB 342 1.0(DL+LL+109)
4 1.0 5 1.0 109 1.0
LOAD COMB 343 1.0(DL+LL+110)
4 1.0 5 1.0 110 1.0
LOAD COMB 344 1.0(DL+LL+111)
4 1.0 5 1.0 111 1.0
LOAD COMB 345 1.0(DL+LL+112)
4 1.0 5 1.0 112 1.0
LOAD COMB 346 1.0(DL+LL+113)
4 1.0 5 1.0 113 1.0
LOAD COMB 347 1.0(DL+LL+114)
4 1.0 5 1.0 114 1.0
LOAD COMB 348 1.0(DL+LL+115)
4 1.0 5 1.0 115 1.0
LOAD COMB 349 1.0(DL+LL+116)
4 1.0 5 1.0 116 1.0
LOAD COMB 350 1.0(DL+LL+117)
4 1.0 5 1.0 117 1.0
LOAD COMB 351 1.0(DL+LL+118)
4 1.0 5 1.0 118 1.0
LOAD COMB 352 1.0(DL+LL+119)
4 1.0 5 1.0 119 1.0
LOAD COMB 353 1.0(DL+LL+120)
4 1.0 5 1.0 120 1.0
LOAD COMB 354 1.0(DL+LL+121)
4 1.0 5 1.0 121 1.0
LOAD COMB 355 1.0(DL+LL+122)
4 1.0 5 1.0 122 1.0
LOAD COMB 356 1.0(DL+LL+123)
4 1.0 5 1.0 123 1.0
LOAD COMB 357 1.0(DL+LL+124)
4 1.0 5 1.0 124 1.0
```