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: MIDAS/Civil Text(MCT) File.
: Date : 2021/10/26
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*VERSION
  9.0.0
*UNIT      : Unit System
: FORCE, LENGTH, HEAT, TEMPER
  KN      , M, KCAL, C
*STRUCTYPE : Structure Type
: iSTYP, iMASS, iSMAS, bMASSOFFSET, bSELFWEIGHT,
GRAV, TEMPER, bALIGNBEAM, bALIGNSLAB, bROTIGID
  0, 1, 1, NO, YES, 9.806, 0, NO, NO, NO
*REBAR-MATL-CODE : Rebar Material Code
: CONC_CODE, CONC_MDB, SRC_CODE, SRC_MDB
KSCE-LSD15(RC), SD300, KSCE-LSD15(RC), SD300
*NODE      : Nodes
: iNO, X, Y, Z
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  14, 40, 15.9, -3.6
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376, 205, 7.5, 0
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| 378, 210, 7.5, 0      | 545, 121.2525, 0, 0 | 720, 55, 11.25, 0  | 944, 125, 3.75, 0                                           |
| 379, 214.9975, 7.5, 0 | 546, 125, 0, 0      | 722, 60, 11.25, 0  | 946, 130, 3.75, 0                                           |
| 380, 215, 7.5, 0      | 547, 127.5, 0, 0    | 723, 65, 11.25, 0  | 948, 135, 3.75, 0                                           |
| 381, 220, 7.5, 0      | 548, 130, 0, 0      | 724, 70, 11.25, 0  | 950, 140, 3.75, 0                                           |
| 382, 221.2475, 7.5, 0 | 549, 133.7525, 0, 0 | 726, 75, 11.25, 0  | 952, 145, 3.75, 0                                           |
| 383, 225, 7.5, 0      | 550, 135, 0, 0      | 728, 80, 11.25, 0  | 954, 150, 3.75, 0                                           |
| 384, 227.5, 7.5, 0    | 551, 139, 0, 0      | 730, 85, 11.25, 0  | 956, 155, 3.75, 0                                           |
| 385, 230, 7.5, 0      | 552, 140, 0, 0      | 732, 90, 11.25, 0  | 958, 160, 3.75, 0                                           |
| 386, 233.7475, 7.5, 0 | 553, 141, 0, 0      | 734, 95, 11.25, 0  | 959, 165, 3.75, 0                                           |
| 387, 235, 7.5, 0      | 554, 145, 0, 0      | 736, 100, 11.25, 0 | 960, 170, 3.75, 0                                           |
| 388, 239, 7.5, 0      | 555, 146.25, 0, 0   | 738, 105, 11.25, 0 | 962, 175, 3.75, 0                                           |
| 389, 240, 7.5, 0      | 556, 150, 0, 0      | 740, 110, 11.25, 0 | 964, 180, 3.75, 0                                           |
| 390, 241, 7.5, 0      | 557, 152.5, 0, 0    | 741, 115, 11.25, 0 | 966, 185, 3.75, 0                                           |
| 391, 245, 7.5, 0      | 558, 155, 0, 0      | 742, 120, 11.25, 0 | 968, 190, 3.75, 0                                           |
| 392, 246.25, 7.5, 0   | 559, 158.75, 0, 0   | 744, 125, 11.25, 0 | 970, 195, 3.75, 0                                           |
| 393, 250, 7.5, 0      | 560, 160, 0, 0      | 746, 130, 11.25, 0 | 972, 200, 3.75, 0                                           |
| 394, 252.5, 7.5, 0    | 561, 165, 0, 0      | 748, 135, 11.25, 0 | 974, 205, 3.75, 0                                           |
| 395, 255, 7.5, 0      | 562, 170, 0, 0      | 750, 140, 11.25, 0 | 976, 210, 3.75, 0                                           |
| 396, 258.75, 7.5, 0   | 563, 171.25, 0, 0   | 752, 145, 11.25, 0 | 978, 215, 3.75, 0                                           |
| 397, 260, 7.5, 0      | 564, 175, 0, 0      | 754, 150, 11.25, 0 | 979, 220, 3.75, 0                                           |
| 398, 265, 7.5, 0      | 565, 177.5, 0, 0    | 756, 155, 11.25, 0 | 981, 225, 3.75, 0                                           |
| 399, 270, 7.5, 0      | 566, 180, 0, 0      | 758, 160, 11.25, 0 | 983, 230, 3.75, 0                                           |
| 400, 271.25, 7.5, 0   | 567, 183.75, 0, 0   | 759, 165, 11.25, 0 | 985, 235, 3.75, 0                                           |
| 401, 275, 7.5, 0      | 568, 185, 0, 0      | 760, 170, 11.25, 0 | 987, 240, 3.75, 0                                           |
| 402, 279, 7.5, 0      | 569, 189, 0, 0      | 762, 175, 11.25, 0 | 989, 245, 3.75, 0                                           |
| 403, 279.6, 7.5, 0    | 570, 190, 0, 0      | 764, 180, 11.25, 0 | 991, 250, 3.75, 0                                           |
| 404, 280, 7.5, 0      | 571, 191, 0, 0      | 766, 185, 11.25, 0 | 993, 255, 3.75, 0                                           |
| 501, 0, 0, 0          | 572, 195, 0, 0      | 768, 190, 11.25, 0 | 995, 260, 3.75, 0                                           |
| 502, 0.4, 0, 0        | 573, 196.2475, 0, 0 | 770, 195, 11.25, 0 | 996, 265, 3.75, 0                                           |
| 503, 1, 0, 0          | 574, 200, 0, 0      | 772, 200, 11.25, 0 | 997, 270, 3.75, 0                                           |
| 504, 5, 0, 0          | 575, 202.5, 0, 0    | 774, 205, 11.25, 0 | 999, 275, 3.75, 0                                           |
| 505, 8.75, 0, 0       | 576, 205, 0, 0      | 776, 210, 11.25, 0 | 1000, 279, 3.75, 0                                          |
| 506, 10, 0, 0         | 577, 208.7475, 0, 0 | 778, 215, 11.25, 0 |                                                             |
| 507, 15, 0, 0         | 578, 210, 0, 0      | 779, 220, 11.25, 0 | *ELEMENT : Elements                                         |
| 508, 20, 0, 0         | 579, 214.9975, 0, 0 | 781, 225, 11.25, 0 | : iEL, TYPE, iMAT, iPRO, iN1, iN2, ANGLE, iSUB,             |
| 509, 21.25, 0, 0      | 580, 215, 0, 0      | 783, 230, 11.25, 0 | : Frame Element                                             |
| 510, 25, 0, 0         | 581, 220, 0, 0      | 785, 235, 11.25, 0 | : iEL, TYPE, iMAT, iPRO, iN1, iN2, ANGLE, iSUB, EXVAL,      |
| 511, 27.5, 0, 0       | 582, 221.2475, 0, 0 | 787, 240, 11.25, 0 | EXVAL2, bLMT : Comp/Tens Truss                              |
| 512, 30, 0, 0         | 583, 225, 0, 0      | 789, 245, 11.25, 0 | : iEL, TYPE, iMAT, iPRO, iN1, iN2, iN3, iN4, iSUB, iWID ,   |
| 513, 33.75, 0, 0      | 584, 227.5, 0, 0    | 791, 250, 11.25, 0 | LCAXIS : Planar Element                                     |
| 514, 35, 0, 0         | 585, 230, 0, 0      | 793, 255, 11.25, 0 | : iEL, TYPE, iMAT, iPRO, iN1, iN2, iN3, iN4, iN5, iN6, iN7, |
| 515, 39, 0, 0         | 586, 233.7475, 0, 0 | 795, 260, 11.25, 0 | iN8 : Solid Element                                         |
| 516, 40, 0, 0         | 587, 235, 0, 0      | 796, 265, 11.25, 0 | 101, BEAM , 1, 1, 101, 102, 0, 0                            |
| 517, 41, 0, 0         | 588, 239, 0, 0      | 797, 270, 11.25, 0 | 102, BEAM , 1, 1, 102, 103, 0, 0                            |
| 518, 45, 0, 0         | 589, 240, 0, 0      | 799, 275, 11.25, 0 | 103, BEAM , 1, 1, 103, 104, 0, 0                            |
| 519, 46.25, 0, 0      | 590, 241, 0, 0      | 800, 279, 11.25, 0 | 104, BEAM , 1, 1, 104, 105, 0, 0                            |
| 520, 50, 0, 0         | 591, 245, 0, 0      |                    | 105, BEAM , 1, 2, 105, 106, 0, 0                            |
| 521, 52.5, 0, 0       | 592, 246.25, 0, 0   | 901, 1, 3.75, 0    | 106, BEAM , 1, 2, 106, 107, 0, 0                            |
| 522, 55, 0, 0         | 593, 250, 0, 0      | 902, 5, 3.75, 0    | 107, BEAM , 1, 3, 107, 108, 0, 0                            |
| 523, 58.75, 0, 0      | 594, 252.5, 0, 0    | 904, 10, 3.75, 0   | 108, BEAM , 1, 3, 108, 109, 0, 0                            |
| 524, 60, 0, 0         | 595, 255, 0, 0      | 905, 15, 3.75, 0   | 109, BEAM , 1, 4, 109, 110, 0, 0                            |
| 525, 65, 0, 0         | 596, 258.75, 0, 0   | 906, 20, 3.75, 0   | 110, BEAM , 1, 4, 110, 111, 0, 0                            |
| 526, 70, 0, 0         | 597, 260, 0, 0      | 908, 25, 3.75, 0   | 111, BEAM , 1, 5, 111, 112, 0, 0                            |
| 527, 71.25, 0, 0      | 598, 265, 0, 0      | 910, 30, 3.75, 0   | 112, BEAM , 1, 6, 112, 113, 0, 0                            |
| 528, 75, 0, 0         | 599, 270, 0, 0      | 912, 35, 3.75, 0   | 113, BEAM , 1, 7, 113, 114, 0, 0                            |
| 529, 77.5, 0, 0       | 600, 271.25, 0, 0   | 914, 40, 3.75, 0   | 114, BEAM , 1, 7, 114, 115, 0, 0                            |
| 530, 80, 0, 0         | 601, 275, 0, 0      | 916, 45, 3.75, 0   | 115, BEAM , 1, 8, 115, 116, 0, 0                            |
| 531, 83.75, 0, 0      | 602, 279, 0, 0      | 918, 50, 3.75, 0   | 116, BEAM , 1, 8, 116, 117, 0, 0                            |
| 532, 85, 0, 0         | 603, 279.6, 0, 0    | 920, 55, 3.75, 0   | 117, BEAM , 1, 9, 117, 118, 0, 0                            |
| 533, 89, 0, 0         | 604, 280, 0, 0      | 922, 60, 3.75, 0   | 118, BEAM , 1, 9, 118, 119, 0, 0                            |
| 534, 90, 0, 0         | 701, 1, 11.25, 0    | 923, 65, 3.75, 0   | 119, BEAM , 1, 10, 119, 120, 0, 0                           |
| 535, 91, 0, 0         | 702, 5, 11.25, 0    | 924, 70, 3.75, 0   | 120, BEAM , 1, 11, 120, 121, 0, 0                           |
| 536, 95, 0, 0         | 704, 10, 11.25, 0   | 926, 75, 3.75, 0   | 121, BEAM , 1, 12, 121, 122, 0, 0                           |
| 537, 96.2525, 0, 0    | 705, 15, 11.25, 0   | 928, 80, 3.75, 0   | 122, BEAM , 1, 12, 122, 123, 0, 0                           |
| 538, 100, 0, 0        | 706, 20, 11.25, 0   | 930, 85, 3.75, 0   | 123, BEAM , 1, 13, 123, 124, 0, 0                           |
| 539, 102.5, 0, 0      | 708, 25, 11.25, 0   | 932, 90, 3.75, 0   | 124, BEAM , 1, 13, 124, 125, 0, 0                           |
| 540, 105, 0, 0        | 710, 30, 11.25, 0   | 934, 95, 3.75, 0   | 125, BEAM , 1, 14, 125, 126, 0, 0                           |
| 541, 108.7525, 0, 0   | 712, 35, 11.25, 0   | 936, 100, 3.75, 0  | 126, BEAM , 1, 14, 126, 127, 0, 0                           |
| 542, 110, 0, 0        | 714, 40, 11.25, 0   | 938, 105, 3.75, 0  | 127, BEAM , 1, 15, 127, 128, 0, 0                           |
| 543, 115, 0, 0        | 716, 45, 11.25, 0   | 940, 110, 3.75, 0  | 128, BEAM , 1, 15, 128, 129, 0, 0                           |
|                       |                     | 941, 115, 3.75, 0  | 129, BEAM , 1, 16, 129, 130, 0, 0                           |

|           |                         |           |                         |           |                         |           |                         |
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| 130. BEAM | , 1, 17, 130, 131, 0, 0 | 201. BEAM | , 1, 27, 201, 202, 0, 0 | 369. BEAM | , 1, 46, 369, 370, 0, 0 | 537. BEAM | , 1, 10, 537, 538, 0, 0 |
| 131. BEAM | , 1, 18, 131, 132, 0, 0 | 202. BEAM | , 1, 27, 202, 203, 0, 0 | 370. BEAM | , 1, 46, 370, 371, 0, 0 | 538. BEAM | , 1, 11, 538, 539, 0, 0 |
| 132. BEAM | , 1, 18, 132, 133, 0, 0 | 203. BEAM | , 1, 27, 203, 204, 0, 0 | 371. BEAM | , 1, 36, 371, 372, 0, 0 | 539. BEAM | , 1, 12, 539, 540, 0, 0 |
| 133. BEAM | , 1, 19, 133, 134, 0, 0 | 301. BEAM | , 1, 28, 301, 302, 0, 0 | 372. BEAM | , 1, 36, 372, 373, 0, 0 | 540. BEAM | , 1, 12, 540, 541, 0, 0 |
| 134. BEAM | , 1, 19, 134, 135, 0, 0 | 302. BEAM | , 1, 28, 302, 303, 0, 0 | 373. BEAM | , 1, 37, 373, 374, 0, 0 | 541. BEAM | , 1, 13, 541, 542, 0, 0 |
| 135. BEAM | , 1, 9, 135, 136, 0, 0  | 303. BEAM | , 1, 28, 303, 304, 0, 0 | 374. BEAM | , 1, 38, 374, 375, 0, 0 | 542. BEAM | , 1, 13, 542, 543, 0, 0 |
| 136. BEAM | , 1, 9, 136, 137, 0, 0  | 304. BEAM | , 1, 28, 304, 305, 0, 0 | 375. BEAM | , 1, 39, 375, 376, 0, 0 | 543. BEAM | , 1, 14, 543, 544, 0, 0 |
| 137. BEAM | , 1, 10, 137, 138, 0, 0 | 305. BEAM | , 1, 29, 305, 306, 0, 0 | 376. BEAM | , 1, 39, 376, 377, 0, 0 | 544. BEAM | , 1, 14, 544, 545, 0, 0 |
| 138. BEAM | , 1, 11, 138, 139, 0, 0 | 306. BEAM | , 1, 29, 306, 307, 0, 0 | 377. BEAM | , 1, 40, 377, 378, 0, 0 | 545. BEAM | , 1, 15, 545, 546, 0, 0 |
| 139. BEAM | , 1, 12, 139, 140, 0, 0 | 307. BEAM | , 1, 30, 307, 308, 0, 0 | 378. BEAM | , 1, 40, 378, 379, 0, 0 | 546. BEAM | , 1, 15, 546, 547, 0, 0 |
| 140. BEAM | , 1, 12, 140, 141, 0, 0 | 308. BEAM | , 1, 30, 308, 309, 0, 0 | 379. BEAM | , 1, 1, 379, 380, 0, 0  | 547. BEAM | , 1, 16, 547, 548, 0, 0 |
| 141. BEAM | , 1, 13, 141, 142, 0, 0 | 309. BEAM | , 1, 31, 309, 310, 0, 0 | 380. BEAM | , 1, 41, 380, 381, 0, 0 | 548. BEAM | , 1, 17, 548, 549, 0, 0 |
| 142. BEAM | , 1, 13, 142, 143, 0, 0 | 310. BEAM | , 1, 31, 310, 311, 0, 0 | 381. BEAM | , 1, 41, 381, 382, 0, 0 | 549. BEAM | , 1, 18, 549, 550, 0, 0 |
| 143. BEAM | , 1, 14, 143, 144, 0, 0 | 311. BEAM | , 1, 32, 311, 312, 0, 0 | 382. BEAM | , 1, 42, 382, 383, 0, 0 | 550. BEAM | , 1, 18, 550, 551, 0, 0 |
| 144. BEAM | , 1, 14, 144, 145, 0, 0 | 312. BEAM | , 1, 33, 312, 313, 0, 0 | 383. BEAM | , 1, 42, 383, 384, 0, 0 | 551. BEAM | , 1, 19, 551, 552, 0, 0 |
| 145. BEAM | , 1, 15, 145, 146, 0, 0 | 313. BEAM | , 1, 34, 313, 314, 0, 0 | 384. BEAM | , 1, 43, 384, 385, 0, 0 | 552. BEAM | , 1, 19, 552, 553, 0, 0 |
| 146. BEAM | , 1, 15, 146, 147, 0, 0 | 314. BEAM | , 1, 34, 314, 315, 0, 0 | 385. BEAM | , 1, 44, 385, 386, 0, 0 | 553. BEAM | , 1, 9, 553, 554, 0, 0  |
| 147. BEAM | , 1, 16, 147, 148, 0, 0 | 315. BEAM | , 1, 35, 315, 316, 0, 0 | 386. BEAM | , 1, 45, 386, 387, 0, 0 | 554. BEAM | , 1, 9, 554, 555, 0, 0  |
| 148. BEAM | , 1, 17, 148, 149, 0, 0 | 316. BEAM | , 1, 35, 316, 317, 0, 0 | 387. BEAM | , 1, 45, 387, 388, 0, 0 | 555. BEAM | , 1, 10, 555, 556, 0, 0 |
| 149. BEAM | , 1, 18, 149, 150, 0, 0 | 317. BEAM | , 1, 36, 317, 318, 0, 0 | 388. BEAM | , 1, 47, 388, 389, 0, 0 | 556. BEAM | , 1, 11, 556, 557, 0, 0 |
| 150. BEAM | , 1, 18, 150, 151, 0, 0 | 318. BEAM | , 1, 36, 318, 319, 0, 0 | 389. BEAM | , 1, 47, 389, 390, 0, 0 | 557. BEAM | , 1, 12, 557, 558, 0, 0 |
| 151. BEAM | , 1, 19, 151, 152, 0, 0 | 319. BEAM | , 1, 37, 319, 320, 0, 0 | 390. BEAM | , 1, 48, 390, 391, 0, 0 | 558. BEAM | , 1, 12, 558, 559, 0, 0 |
| 152. BEAM | , 1, 19, 152, 153, 0, 0 | 320. BEAM | , 1, 38, 320, 321, 0, 0 | 391. BEAM | , 1, 48, 391, 392, 0, 0 | 559. BEAM | , 1, 13, 559, 560, 0, 0 |
| 153. BEAM | , 1, 9, 153, 154, 0, 0  | 321. BEAM | , 1, 39, 321, 322, 0, 0 | 392. BEAM | , 1, 49, 392, 393, 0, 0 | 560. BEAM | , 1, 13, 560, 561, 0, 0 |
| 154. BEAM | , 1, 9, 154, 155, 0, 0  | 322. BEAM | , 1, 39, 322, 323, 0, 0 | 393. BEAM | , 1, 50, 393, 394, 0, 0 | 561. BEAM | , 1, 14, 561, 562, 0, 0 |
| 155. BEAM | , 1, 10, 155, 156, 0, 0 | 323. BEAM | , 1, 40, 323, 324, 0, 0 | 394. BEAM | , 1, 51, 394, 395, 0, 0 | 562. BEAM | , 1, 14, 562, 563, 0, 0 |
| 156. BEAM | , 1, 11, 156, 157, 0, 0 | 324. BEAM | , 1, 40, 324, 325, 0, 0 | 395. BEAM | , 1, 51, 395, 396, 0, 0 | 563. BEAM | , 1, 15, 563, 564, 0, 0 |
| 157. BEAM | , 1, 12, 157, 158, 0, 0 | 325. BEAM | , 1, 41, 325, 326, 0, 0 | 396. BEAM | , 1, 52, 396, 397, 0, 0 | 564. BEAM | , 1, 15, 564, 565, 0, 0 |
| 158. BEAM | , 1, 12, 158, 159, 0, 0 | 326. BEAM | , 1, 41, 326, 327, 0, 0 | 397. BEAM | , 1, 52, 397, 398, 0, 0 | 565. BEAM | , 1, 16, 565, 566, 0, 0 |
| 159. BEAM | , 1, 13, 159, 160, 0, 0 | 327. BEAM | , 1, 42, 327, 328, 0, 0 | 398. BEAM | , 1, 53, 398, 399, 0, 0 | 566. BEAM | , 1, 17, 566, 567, 0, 0 |
| 160. BEAM | , 1, 13, 160, 161, 0, 0 | 328. BEAM | , 1, 42, 328, 329, 0, 0 | 399. BEAM | , 1, 53, 399, 400, 0, 0 | 567. BEAM | , 1, 18, 567, 568, 0, 0 |
| 161. BEAM | , 1, 14, 161, 162, 0, 0 | 329. BEAM | , 1, 43, 329, 330, 0, 0 | 400. BEAM | , 1, 54, 400, 401, 0, 0 | 568. BEAM | , 1, 18, 568, 569, 0, 0 |
| 162. BEAM | , 1, 14, 162, 163, 0, 0 | 330. BEAM | , 1, 44, 330, 331, 0, 0 | 401. BEAM | , 1, 54, 401, 402, 0, 0 | 569. BEAM | , 1, 19, 569, 570, 0, 0 |
| 163. BEAM | , 1, 15, 163, 164, 0, 0 | 331. BEAM | , 1, 45, 331, 332, 0, 0 | 402. BEAM | , 1, 54, 402, 403, 0, 0 | 570. BEAM | , 1, 19, 570, 571, 0, 0 |
| 164. BEAM | , 1, 15, 164, 165, 0, 0 | 332. BEAM | , 1, 45, 332, 333, 0, 0 | 403. BEAM | , 1, 54, 403, 404, 0, 0 | 571. BEAM | , 1, 9, 571, 572, 0, 0  |
| 165. BEAM | , 1, 16, 165, 166, 0, 0 | 333. BEAM | , 1, 46, 333, 334, 0, 0 | 501. BEAM | , 1, 1, 501, 502, 0, 0  | 572. BEAM | , 1, 9, 572, 573, 0, 0  |
| 166. BEAM | , 1, 17, 166, 167, 0, 0 | 334. BEAM | , 1, 46, 334, 335, 0, 0 | 502. BEAM | , 1, 1, 502, 503, 0, 0  | 573. BEAM | , 1, 10, 573, 574, 0, 0 |
| 167. BEAM | , 1, 18, 167, 168, 0, 0 | 335. BEAM | , 1, 36, 335, 336, 0, 0 | 503. BEAM | , 1, 1, 503, 504, 0, 0  | 574. BEAM | , 1, 11, 574, 575, 0, 0 |
| 168. BEAM | , 1, 18, 168, 169, 0, 0 | 336. BEAM | , 1, 36, 336, 337, 0, 0 | 504. BEAM | , 1, 1, 504, 505, 0, 0  | 575. BEAM | , 1, 12, 575, 576, 0, 0 |
| 169. BEAM | , 1, 19, 169, 170, 0, 0 | 337. BEAM | , 1, 37, 337, 338, 0, 0 | 505. BEAM | , 1, 2, 505, 506, 0, 0  | 576. BEAM | , 1, 12, 576, 577, 0, 0 |
| 170. BEAM | , 1, 19, 170, 171, 0, 0 | 338. BEAM | , 1, 38, 338, 339, 0, 0 | 506. BEAM | , 1, 2, 506, 507, 0, 0  | 577. BEAM | , 1, 13, 577, 578, 0, 0 |
| 171. BEAM | , 1, 9, 171, 172, 0, 0  | 339. BEAM | , 1, 39, 339, 340, 0, 0 | 507. BEAM | , 1, 3, 507, 508, 0, 0  | 578. BEAM | , 1, 13, 578, 579, 0, 0 |
| 172. BEAM | , 1, 9, 172, 173, 0, 0  | 340. BEAM | , 1, 39, 340, 341, 0, 0 | 508. BEAM | , 1, 3, 508, 509, 0, 0  | 579. BEAM | , 1, 1, 579, 580, 0, 0  |
| 173. BEAM | , 1, 10, 173, 174, 0, 0 | 341. BEAM | , 1, 40, 341, 342, 0, 0 | 509. BEAM | , 1, 4, 509, 510, 0, 0  | 580. BEAM | , 1, 14, 580, 581, 0, 0 |
| 174. BEAM | , 1, 11, 174, 175, 0, 0 | 342. BEAM | , 1, 40, 342, 343, 0, 0 | 510. BEAM | , 1, 4, 510, 511, 0, 0  | 581. BEAM | , 1, 14, 581, 582, 0, 0 |
| 175. BEAM | , 1, 12, 175, 176, 0, 0 | 343. BEAM | , 1, 41, 343, 344, 0, 0 | 511. BEAM | , 1, 5, 511, 512, 0, 0  | 582. BEAM | , 1, 15, 582, 583, 0, 0 |
| 176. BEAM | , 1, 12, 176, 177, 0, 0 | 344. BEAM | , 1, 41, 344, 345, 0, 0 | 512. BEAM | , 1, 6, 512, 513, 0, 0  | 583. BEAM | , 1, 15, 583, 584, 0, 0 |
| 177. BEAM | , 1, 13, 177, 178, 0, 0 | 345. BEAM | , 1, 42, 345, 346, 0, 0 | 513. BEAM | , 1, 7, 513, 514, 0, 0  | 584. BEAM | , 1, 16, 584, 585, 0, 0 |
| 178. BEAM | , 1, 13, 178, 179, 0, 0 | 346. BEAM | , 1, 42, 346, 347, 0, 0 | 514. BEAM | , 1, 7, 514, 515, 0, 0  | 585. BEAM | , 1, 17, 585, 586, 0, 0 |
| 179. BEAM | , 1, 1, 179, 180, 0, 0  | 347. BEAM | , 1, 43, 347, 348, 0, 0 | 515. BEAM | , 1, 8, 515, 516, 0, 0  | 586. BEAM | , 1, 18, 586, 587, 0, 0 |
| 180. BEAM | , 1, 14, 180, 181, 0, 0 | 348. BEAM | , 1, 44, 348, 349, 0, 0 | 516. BEAM | , 1, 8, 516, 517, 0, 0  | 587. BEAM | , 1, 18, 587, 588, 0, 0 |
| 181. BEAM | , 1, 14, 181, 182, 0, 0 | 349. BEAM | , 1, 45, 349, 350, 0, 0 | 517. BEAM | , 1, 9, 517, 518, 0, 0  | 588. BEAM | , 1, 20, 588, 589, 0, 0 |
| 182. BEAM | , 1, 15, 182, 183, 0, 0 | 350. BEAM | , 1, 45, 350, 351, 0, 0 | 518. BEAM | , 1, 9, 518, 519, 0, 0  | 589. BEAM | , 1, 20, 589, 590, 0, 0 |
| 183. BEAM | , 1, 15, 183, 184, 0, 0 | 351. BEAM | , 1, 46, 351, 352, 0, 0 | 519. BEAM | , 1, 10, 519, 520, 0, 0 | 590. BEAM | , 1, 21, 590, 591, 0, 0 |
| 184. BEAM | , 1, 16, 184, 185, 0, 0 | 352. BEAM | , 1, 46, 352, 353, 0, 0 | 520. BEAM | , 1, 11, 520, 521, 0, 0 | 591. BEAM | , 1, 21, 591, 592, 0, 0 |
| 185. BEAM | , 1, 17, 185, 186, 0, 0 | 353. BEAM | , 1, 36, 353, 354, 0, 0 | 521. BEAM | , 1, 12, 521, 522, 0, 0 | 592. BEAM | , 1, 22, 592, 593, 0, 0 |
| 186. BEAM | , 1, 18, 186, 187, 0, 0 | 354. BEAM | , 1, 36, 354, 355, 0, 0 | 522. BEAM | , 1, 12, 522, 523, 0, 0 | 593. BEAM | , 1, 23, 593, 594, 0, 0 |
| 187. BEAM | , 1, 18, 187, 188, 0, 0 | 355. BEAM | , 1, 37, 355, 356, 0, 0 | 523. BEAM | , 1, 13, 523, 524, 0, 0 | 594. BEAM | , 1, 24, 594, 595, 0, 0 |
| 188. BEAM | , 1, 20, 188, 189, 0, 0 | 356. BEAM | , 1, 38, 356, 357, 0, 0 | 524. BEAM | , 1, 13, 524, 525, 0, 0 | 595. BEAM | , 1, 24, 595, 596, 0, 0 |
| 189. BEAM | , 1, 20, 189, 190, 0, 0 | 357. BEAM | , 1, 39, 357, 358, 0, 0 | 525. BEAM | , 1, 14, 525, 526, 0, 0 | 596. BEAM | , 1, 25, 596, 597, 0, 0 |
| 190. BEAM | , 1, 21, 190, 191, 0, 0 | 358. BEAM | , 1, 39, 358, 359, 0, 0 | 526. BEAM | , 1, 14, 526, 527, 0, 0 | 597. BEAM | , 1, 25, 597, 598, 0, 0 |
| 191. BEAM | , 1, 21, 191, 192, 0, 0 | 359. BEAM | , 1, 40, 359, 360, 0, 0 | 527. BEAM | , 1, 15, 527, 528, 0, 0 | 598. BEAM | , 1, 26, 598, 599, 0, 0 |
| 192. BEAM | , 1, 22, 192, 193, 0, 0 | 360. BEAM | , 1, 40, 360, 361, 0, 0 | 528. BEAM | , 1, 15, 528, 529, 0, 0 | 599. BEAM | , 1, 26, 599, 600, 0, 0 |
| 193. BEAM | , 1, 23, 193, 194, 0, 0 | 361. BEAM | , 1, 41, 361, 362, 0, 0 | 529. BEAM | , 1, 16, 529, 530, 0, 0 | 600. BEAM | , 1, 27, 600, 601, 0, 0 |
| 194. BEAM | , 1, 24, 194, 195, 0, 0 | 362. BEAM | , 1, 41, 362, 363, 0, 0 | 530. BEAM | , 1, 17, 530, 531, 0, 0 | 601. BEAM | , 1, 27, 601, 602, 0, 0 |
| 195. BEAM | , 1, 24, 195, 196, 0, 0 | 363. BEAM | , 1, 42, 363, 364, 0, 0 | 531. BEAM | , 1, 18, 531, 532, 0, 0 | 602. BEAM | , 1, 27, 602, 603, 0, 0 |
| 196. BEAM | , 1, 25, 196, 197, 0, 0 | 364. BEAM | , 1, 42, 364, 365, 0, 0 | 532. BEAM | , 1, 18, 532, 533, 0, 0 | 603. BEAM | , 1, 27, 603, 604, 0, 0 |
| 197. BEAM | , 1, 25, 197, 198, 0, 0 | 365. BEAM | , 1, 43, 365, 366, 0, 0 | 533. BEAM | , 1, 19, 533, 534, 0, 0 | 701. BEAM | , 2, 55, 701, 702, 0, 0 |
| 198. BEAM | , 1, 26, 198, 199, 0, 0 | 366. BEAM | , 1, 44, 366, 367, 0, 0 | 534. BEAM | , 1, 19, 534, 535, 0, 0 | 702. BEAM | , 2, 55, 702, 704, 0, 0 |
| 199. BEAM | , 1, 26, 199, 200, 0, 0 | 367. BEAM | , 1, 45, 367, 368, 0, 0 | 535. BEAM | , 1, 9, 535, 536, 0, 0  | 703. BEAM | , 2, 55, 704, 705, 0, 0 |
| 200. BEAM | , 1, 27, 200, 201, 0, 0 | 368. BEAM | , 1, 45, 368, 369, 0, 0 | 536. BEAM | , 1, 9, 536, 537, 0, 0  | 704. BEAM | , 2, 55, 705, 706, 0, 0 |

|           |    |     |      |      |    |   |            |    |     |      |       |    |   |            |    |     |      |      |    |   |            |    |     |      |      |    |   |
|-----------|----|-----|------|------|----|---|------------|----|-----|------|-------|----|---|------------|----|-----|------|------|----|---|------------|----|-----|------|------|----|---|
| 705. BEAM | 2. | 55. | 706. | 708. | 0. | 0 | 920. BEAM  | 2. | 55. | 934. | 936.  | 0. | 0 | 1035. BEAM | 2. | 56. | 714. | 316. | 0. | 0 | 1106. BEAM | 2. | 56. | 348. | 946. | 0. | 0 |
| 706. BEAM | 2. | 55. | 708. | 710. | 0. | 0 | 921. BEAM  | 2. | 55. | 936. | 938.  | 0. | 0 | 1036. BEAM | 2. | 56. | 116. | 714. | 0. | 0 | 1107. BEAM | 2. | 56. | 746. | 348. | 0. | 0 |
| 707. BEAM | 2. | 55. | 710. | 712. | 0. | 0 | 922. BEAM  | 2. | 55. | 938. | 940.  | 0. | 0 | 1037. BEAM | 2. | 56. | 916. | 518. | 0. | 0 | 1108. BEAM | 2. | 56. | 148. | 746. | 0. | 0 |
| 708. BEAM | 2. | 55. | 712. | 714. | 0. | 0 | 923. BEAM  | 2. | 55. | 940. | 941.  | 0. | 0 | 1038. BEAM | 2. | 56. | 318. | 916. | 0. | 0 | 1109. BEAM | 2. | 56. | 948. | 550. | 0. | 0 |
| 709. BEAM | 2. | 55. | 714. | 716. | 0. | 0 | 924. BEAM  | 2. | 55. | 941. | 942.  | 0. | 0 | 1039. BEAM | 2. | 56. | 716. | 318. | 0. | 0 | 1110. BEAM | 2. | 56. | 350. | 948. | 0. | 0 |
| 710. BEAM | 2. | 55. | 716. | 718. | 0. | 0 | 925. BEAM  | 2. | 55. | 942. | 944.  | 0. | 0 | 1040. BEAM | 2. | 56. | 118. | 716. | 0. | 0 | 1111. BEAM | 2. | 56. | 748. | 350. | 0. | 0 |
| 711. BEAM | 2. | 55. | 718. | 720. | 0. | 0 | 926. BEAM  | 2. | 55. | 944. | 946.  | 0. | 0 | 1041. BEAM | 2. | 56. | 918. | 520. | 0. | 0 | 1112. BEAM | 2. | 56. | 150. | 748. | 0. | 0 |
| 712. BEAM | 2. | 55. | 720. | 722. | 0. | 0 | 927. BEAM  | 2. | 55. | 946. | 948.  | 0. | 0 | 1042. BEAM | 2. | 56. | 320. | 918. | 0. | 0 | 1113. BEAM | 2. | 56. | 950. | 552. | 0. | 0 |
| 713. BEAM | 2. | 55. | 722. | 723. | 0. | 0 | 928. BEAM  | 2. | 55. | 948. | 950.  | 0. | 0 | 1043. BEAM | 2. | 56. | 718. | 320. | 0. | 0 | 1114. BEAM | 2. | 56. | 352. | 950. | 0. | 0 |
| 714. BEAM | 2. | 55. | 723. | 724. | 0. | 0 | 929. BEAM  | 2. | 55. | 950. | 952.  | 0. | 0 | 1044. BEAM | 2. | 56. | 120. | 718. | 0. | 0 | 1115. BEAM | 2. | 56. | 750. | 352. | 0. | 0 |
| 715. BEAM | 2. | 55. | 724. | 726. | 0. | 0 | 930. BEAM  | 2. | 55. | 952. | 954.  | 0. | 0 | 1045. BEAM | 2. | 56. | 920. | 522. | 0. | 0 | 1116. BEAM | 2. | 56. | 152. | 750. | 0. | 0 |
| 716. BEAM | 2. | 55. | 726. | 728. | 0. | 0 | 931. BEAM  | 2. | 55. | 954. | 956.  | 0. | 0 | 1046. BEAM | 2. | 56. | 322. | 920. | 0. | 0 | 1117. BEAM | 2. | 56. | 952. | 554. | 0. | 0 |
| 717. BEAM | 2. | 55. | 728. | 730. | 0. | 0 | 932. BEAM  | 2. | 55. | 956. | 958.  | 0. | 0 | 1047. BEAM | 2. | 56. | 720. | 322. | 0. | 0 | 1118. BEAM | 2. | 56. | 354. | 952. | 0. | 0 |
| 718. BEAM | 2. | 55. | 730. | 732. | 0. | 0 | 933. BEAM  | 2. | 55. | 958. | 959.  | 0. | 0 | 1048. BEAM | 2. | 56. | 122. | 720. | 0. | 0 | 1119. BEAM | 2. | 56. | 752. | 354. | 0. | 0 |
| 719. BEAM | 2. | 55. | 732. | 734. | 0. | 0 | 934. BEAM  | 2. | 55. | 959. | 960.  | 0. | 0 | 1049. BEAM | 2. | 56. | 922. | 524. | 0. | 0 | 1120. BEAM | 2. | 56. | 154. | 752. | 0. | 0 |
| 720. BEAM | 2. | 55. | 734. | 736. | 0. | 0 | 935. BEAM  | 2. | 55. | 960. | 962.  | 0. | 0 | 1050. BEAM | 2. | 56. | 324. | 922. | 0. | 0 | 1121. BEAM | 2. | 56. | 954. | 556. | 0. | 0 |
| 721. BEAM | 2. | 55. | 736. | 738. | 0. | 0 | 936. BEAM  | 2. | 55. | 962. | 964.  | 0. | 0 | 1051. BEAM | 2. | 56. | 722. | 324. | 0. | 0 | 1122. BEAM | 2. | 56. | 356. | 954. | 0. | 0 |
| 722. BEAM | 2. | 55. | 738. | 740. | 0. | 0 | 937. BEAM  | 2. | 55. | 964. | 966.  | 0. | 0 | 1052. BEAM | 2. | 56. | 124. | 722. | 0. | 0 | 1123. BEAM | 2. | 56. | 754. | 356. | 0. | 0 |
| 723. BEAM | 2. | 55. | 740. | 741. | 0. | 0 | 938. BEAM  | 2. | 55. | 966. | 968.  | 0. | 0 | 1053. BEAM | 2. | 56. | 923. | 525. | 0. | 0 | 1124. BEAM | 2. | 56. | 156. | 754. | 0. | 0 |
| 724. BEAM | 2. | 55. | 741. | 742. | 0. | 0 | 939. BEAM  | 2. | 55. | 968. | 970.  | 0. | 0 | 1054. BEAM | 2. | 56. | 325. | 923. | 0. | 0 | 1125. BEAM | 2. | 56. | 956. | 558. | 0. | 0 |
| 725. BEAM | 2. | 55. | 742. | 744. | 0. | 0 | 940. BEAM  | 2. | 55. | 970. | 972.  | 0. | 0 | 1055. BEAM | 2. | 56. | 723. | 325. | 0. | 0 | 1126. BEAM | 2. | 56. | 358. | 956. | 0. | 0 |
| 726. BEAM | 2. | 55. | 744. | 746. | 0. | 0 | 941. BEAM  | 2. | 55. | 972. | 974.  | 0. | 0 | 1056. BEAM | 2. | 56. | 125. | 723. | 0. | 0 | 1127. BEAM | 2. | 56. | 756. | 358. | 0. | 0 |
| 727. BEAM | 2. | 55. | 746. | 748. | 0. | 0 | 942. BEAM  | 2. | 55. | 974. | 976.  | 0. | 0 | 1057. BEAM | 2. | 56. | 924. | 526. | 0. | 0 | 1128. BEAM | 2. | 56. | 158. | 756. | 0. | 0 |
| 728. BEAM | 2. | 55. | 748. | 750. | 0. | 0 | 943. BEAM  | 2. | 55. | 976. | 978.  | 0. | 0 | 1058. BEAM | 2. | 56. | 326. | 924. | 0. | 0 | 1129. BEAM | 2. | 56. | 958. | 560. | 0. | 0 |
| 729. BEAM | 2. | 55. | 750. | 752. | 0. | 0 | 944. BEAM  | 2. | 55. | 978. | 979.  | 0. | 0 | 1059. BEAM | 2. | 56. | 724. | 326. | 0. | 0 | 1130. BEAM | 2. | 56. | 360. | 958. | 0. | 0 |
| 730. BEAM | 2. | 55. | 752. | 754. | 0. | 0 | 945. BEAM  | 2. | 55. | 979. | 981.  | 0. | 0 | 1060. BEAM | 2. | 56. | 126. | 724. | 0. | 0 | 1131. BEAM | 2. | 56. | 758. | 360. | 0. | 0 |
| 731. BEAM | 2. | 55. | 754. | 756. | 0. | 0 | 946. BEAM  | 2. | 55. | 981. | 983.  | 0. | 0 | 1061. BEAM | 2. | 56. | 926. | 528. | 0. | 0 | 1132. BEAM | 2. | 56. | 160. | 758. | 0. | 0 |
| 732. BEAM | 2. | 55. | 756. | 758. | 0. | 0 | 947. BEAM  | 2. | 55. | 983. | 985.  | 0. | 0 | 1062. BEAM | 2. | 56. | 328. | 926. | 0. | 0 | 1133. BEAM | 2. | 56. | 959. | 561. | 0. | 0 |
| 733. BEAM | 2. | 55. | 758. | 759. | 0. | 0 | 948. BEAM  | 2. | 55. | 985. | 987.  | 0. | 0 | 1063. BEAM | 2. | 56. | 726. | 328. | 0. | 0 | 1134. BEAM | 2. | 56. | 361. | 959. | 0. | 0 |
| 734. BEAM | 2. | 55. | 759. | 760. | 0. | 0 | 949. BEAM  | 2. | 55. | 987. | 989.  | 0. | 0 | 1064. BEAM | 2. | 56. | 128. | 726. | 0. | 0 | 1135. BEAM | 2. | 56. | 759. | 361. | 0. | 0 |
| 735. BEAM | 2. | 55. | 760. | 762. | 0. | 0 | 950. BEAM  | 2. | 55. | 989. | 991.  | 0. | 0 | 1065. BEAM | 2. | 56. | 928. | 530. | 0. | 0 | 1136. BEAM | 2. | 56. | 161. | 759. | 0. | 0 |
| 736. BEAM | 2. | 55. | 762. | 764. | 0. | 0 | 951. BEAM  | 2. | 55. | 991. | 993.  | 0. | 0 | 1066. BEAM | 2. | 56. | 330. | 928. | 0. | 0 | 1137. BEAM | 2. | 56. | 960. | 562. | 0. | 0 |
| 737. BEAM | 2. | 55. | 764. | 766. | 0. | 0 | 952. BEAM  | 2. | 55. | 993. | 995.  | 0. | 0 | 1067. BEAM | 2. | 56. | 728. | 330. | 0. | 0 | 1138. BEAM | 2. | 56. | 362. | 960. | 0. | 0 |
| 738. BEAM | 2. | 55. | 766. | 768. | 0. | 0 | 953. BEAM  | 2. | 55. | 995. | 996.  | 0. | 0 | 1068. BEAM | 2. | 56. | 130. | 728. | 0. | 0 | 1139. BEAM | 2. | 56. | 760. | 362. | 0. | 0 |
| 739. BEAM | 2. | 55. | 768. | 770. | 0. | 0 | 954. BEAM  | 2. | 55. | 996. | 997.  | 0. | 0 | 1069. BEAM | 2. | 56. | 930. | 532. | 0. | 0 | 1140. BEAM | 2. | 56. | 162. | 760. | 0. | 0 |
| 740. BEAM | 2. | 55. | 770. | 772. | 0. | 0 | 955. BEAM  | 2. | 55. | 997. | 999.  | 0. | 0 | 1070. BEAM | 2. | 56. | 332. | 930. | 0. | 0 | 1141. BEAM | 2. | 56. | 962. | 564. | 0. | 0 |
| 741. BEAM | 2. | 55. | 772. | 774. | 0. | 0 | 956. BEAM  | 2. | 55. | 999. | 1000. | 0. | 0 | 1071. BEAM | 2. | 56. | 730. | 332. | 0. | 0 | 1142. BEAM | 2. | 56. | 364. | 962. | 0. | 0 |
| 742. BEAM | 2. | 55. | 774. | 776. | 0. | 0 | 1001. BEAM | 2. | 57. | 901. | 503.  | 0. | 0 | 1072. BEAM | 2. | 56. | 132. | 730. | 0. | 0 | 1143. BEAM | 2. | 56. | 762. | 364. | 0. | 0 |
| 743. BEAM | 2. | 55. | 776. | 778. | 0. | 0 | 1002. BEAM | 2. | 57. | 303. | 901.  | 0. | 0 | 1073. BEAM | 2. | 56. | 932. | 534. | 0. | 0 | 1144. BEAM | 2. | 56. | 164. | 762. | 0. | 0 |
| 744. BEAM | 2. | 55. | 778. | 779. | 0. | 0 | 1003. BEAM | 2. | 57. | 701. | 303.  | 0. | 0 | 1074. BEAM | 2. | 56. | 334. | 932. | 0. | 0 | 1145. BEAM | 2. | 56. | 964. | 566. | 0. | 0 |
| 745. BEAM | 2. | 55. | 779. | 781. | 0. | 0 | 1004. BEAM | 2. | 57. | 103. | 701.  | 0. | 0 | 1075. BEAM | 2. | 56. | 732. | 334. | 0. | 0 | 1146. BEAM | 2. | 56. | 366. | 964. | 0. | 0 |
| 746. BEAM | 2. | 55. | 781. | 783. | 0. | 0 | 1005. BEAM | 2. | 56. | 902. | 504.  | 0. | 0 | 1076. BEAM | 2. | 56. | 134. | 732. | 0. | 0 | 1147. BEAM | 2. | 56. | 764. | 366. | 0. | 0 |
| 747. BEAM | 2. | 55. | 783. | 785. | 0. | 0 | 1006. BEAM | 2. | 56. | 304. | 902.  | 0. | 0 | 1077. BEAM | 2. | 56. | 934. | 536. | 0. | 0 | 1148. BEAM | 2. | 56. | 166. | 764. | 0. | 0 |
| 748. BEAM | 2. | 55. | 785. | 787. | 0. | 0 | 1007. BEAM | 2. | 56. | 702. | 304.  | 0. | 0 | 1078. BEAM | 2. | 56. | 336. | 934. | 0. | 0 | 1149. BEAM | 2. | 56. | 966. | 568. | 0. | 0 |
| 749. BEAM | 2. | 55. | 787. | 789. | 0. | 0 | 1008. BEAM | 2. | 56. | 104. | 702.  | 0. | 0 | 1079. BEAM | 2. | 56. | 734. | 336. | 0. | 0 | 1150. BEAM | 2. | 56. | 368. | 966. | 0. | 0 |
| 750. BEAM | 2. | 55. | 789. | 791. | 0. | 0 | 1009. BEAM | 2. | 56. | 904. | 506.  | 0. | 0 | 1080. BEAM | 2. | 56. | 136. | 734. | 0. | 0 | 1151. BEAM | 2. | 56. | 766. | 368. | 0. | 0 |
| 751. BEAM | 2. | 55. | 791. | 793. | 0. | 0 | 1010. BEAM | 2. | 56. | 306. | 904.  | 0. | 0 | 1081. BEAM | 2. | 56. | 936. | 538. | 0. | 0 | 1152. BEAM | 2. | 56. | 168. | 766. | 0. | 0 |
| 752. BEAM | 2. | 55. | 793. | 795. | 0. | 0 | 1011. BEAM | 2. | 56. | 704. | 306.  | 0. | 0 | 1082. BEAM | 2. | 56. | 338. | 936. | 0. | 0 | 1153. BEAM | 2. | 56. | 968. | 570. | 0. | 0 |
| 753. BEAM | 2. | 55. | 795. | 796. | 0. | 0 | 1012. BEAM | 2. | 56. | 106. | 704.  | 0. | 0 | 1083. BEAM | 2. | 56. | 736. | 338. | 0. | 0 | 1154. BEAM | 2. | 56. | 370. | 968. | 0. | 0 |
| 754. BEAM | 2. | 55. | 796. | 797. | 0. | 0 | 1013. BEAM | 2. | 56. | 905. | 507.  | 0. | 0 | 1084. BEAM | 2. | 56. | 138. | 736. | 0. | 0 | 1155. BEAM | 2. | 56. | 768. | 370. | 0. | 0 |
| 755. BEAM | 2. | 55. | 797. | 799. | 0. | 0 | 1014. BEAM | 2. | 56. | 307. | 905.  | 0. | 0 | 1085. BEAM | 2. | 56. | 938. | 540. | 0. | 0 | 1156. BEAM | 2. | 56. | 170. | 768. | 0. | 0 |
| 756. BEAM | 2. | 55. | 799. | 800. | 0. | 0 | 1015. BEAM | 2. | 56. | 705. | 307.  | 0. | 0 | 1086. BEAM | 2. | 56. | 340. | 938. | 0. | 0 | 1157. BEAM | 2. | 56. | 970. | 572. | 0. | 0 |
| 901. BEAM | 2. | 55. | 901. | 902. | 0. | 0 | 1016. BEAM | 2. | 56. | 107. | 705.  | 0. | 0 | 1087. BEAM | 2. | 56. | 738. | 340. | 0. | 0 | 1158. BEAM | 2. | 56. | 372. | 970. | 0. | 0 |
| 902. BEAM | 2. | 55. | 902. | 904. | 0. | 0 | 1017. BEAM | 2. | 56. | 906. | 508.  | 0. | 0 | 1088. BEAM | 2. | 56. | 140. | 738. | 0. | 0 | 1159. BEAM | 2. | 56. | 770. | 372. | 0. | 0 |
| 903. BEAM | 2. | 55. | 904. | 905. | 0. | 0 | 1018. BEAM | 2. | 56. | 308. | 906.  | 0. | 0 | 1089. BEAM | 2. | 56. | 940. | 542. | 0. | 0 | 1160. BEAM | 2. | 56. | 172. | 770. | 0. | 0 |
| 904. BEAM | 2. | 55. | 905. | 906. | 0. | 0 | 1019. BEAM | 2. | 56. | 706. | 308.  | 0. | 0 | 1090. BEAM | 2. | 56. | 342. | 940. | 0. | 0 | 1161. BEAM | 2. | 56. | 972. | 574. | 0. | 0 |
| 905. BEAM | 2. | 55. | 906. | 908. | 0. | 0 | 1020. BEAM | 2. | 56. | 108. | 706.  | 0. | 0 | 1091. BEAM | 2. | 56. | 740. | 342. | 0. | 0 | 1162. BEAM | 2. | 56. | 374. | 972. | 0. | 0 |
| 906. BEAM | 2. | 55. | 908. | 910. | 0. | 0 | 1021. BEAM | 2. | 56. | 908. | 510.  | 0. | 0 | 1092. BEAM | 2. | 56. | 142. |      |    |   |            |    |     |      |      |    |   |

1177. BEAM . 2. 56. 979. 581. 0. 0 960to978by2 979to995by2 996 997. 1001to1228. 0 : DB. NAME1. NAME2 : [SIZE-C]-j  
1178. BEAM . 2. 56. 381. 979. 0. 0 세로보 , 701 702 704to706 708to722by2 723 : 2nd line(STYPE=DB) : 10th line(STYPE=CMP-CI/CT)  
1179. BEAM . 2. 56. 779. 381. 0. 0 724to740by2 741 742to758by2 759 \ : [DIM1]. [DIM2] : [SIZE-D]-j  
1180. BEAM . 2. 56. 181. 779. 0. 0 760to778by2 779to795by2 796 797 799 800 901 902 : 2nd line(STYPE=USER) : 11th line(STYPE=CMP-CI/CT)  
1181. BEAM . 2. 56. 981. 583. 0. 0 904to906 908to922by2 923 \ : D11. D12. D13. D14. D15. D16. D17. D18 : iSEC. TYPE. SNAME. [OFFSET]. bSD. bWE. STYPE1. : 2nd line(STYPE=VALUE) : 1st line - CONSTRUCT  
1182. BEAM . 2. 56. 383. 981. 0. 0 924to940by2 941 942to958by2 959 960to978by2 : STYPE2 : SHAPE. ... (same with other type data from shape)  
1183. BEAM . 2. 56. 781. 383. 0. 0 979to995by2 996 997 999 \ : AREA1. ASy1. ASz1. lxx1. lyy1. lzz1 : SHAPE. ... (same with other type data from shape)  
1184. BEAM . 2. 56. 183. 781. 0. 0 1000. , 0 : 3rd line(STYPE=VALUE) : Before (STYPE1)  
1185. BEAM . 2. 56. 983. 585. 0. 0 G1 외측경간. 101to116 189to204. 101to115 189to203. 0 : CyP1. CyM1. CzP1. CzM1. QyB1. QzB1. PERI\_OUT1. : SHAPE. ... (same with other type data from shape)  
1186. BEAM . 2. 56. 385. 983. 0. 0 G2 외측경간. 301to316 389to404. 301to315 389to403. 0 : PERI\_IN1. Cy1. Cz1 : 4th line(STYPE=VALUE) : After (STYPE2)  
1187. BEAM . 2. 56. 783. 385. 0. 0 G3 외측경간. 501to516 589to604. 501to515 589to603. 0 : Y11. Y12. Y13. Y14. Z11. Z12. Z13. Z14. Zyy1. Zyy2 : iSEC. TYPE. SNAME. [OFFSET]. bSD. bWE. SHAPE : 5th line(STYPE=VALUE) : 1st line - COMPOSITE-B  
1188. BEAM . 2. 56. 185. 783. 0. 0 G1 내측경간. 116to189. 116to188. 0 : D21. D22. D23. D24. D25. D26. D27. D28 : Hw. tw. B1. Bf1. tf1. B2. Bf2. tf2 : 2nd line  
1189. BEAM . 2. 56. 985. 587. 0. 0 G2 내측경간. 316to389. 316to388. 0 : 6th line(STYPE=VALUE)  
1190. BEAM . 2. 56. 387. 985. 0. 0 G3 내측경간. 516to589. 516to588. 0 : 7th line(STYPE=VALUE)  
1191. BEAM . 2. 56. 785. 387. 0. 0 재하시험 경간. 49to84 170to204 370to404 570to604 : AREA2. ASy2. ASz2. lxx2. lyy2. lzz2 : [SHAPE-NUM]. [STIFF-SHAPE]. [STIFF-POS] (1~4)  
1192. BEAM . 2. 56. 187. 785. 0. 0 768to778by2 779to795by2 796 \ : 2nd line(STYPE=VALUE) : 3rd line  
1193. BEAM . 2. 56. 987. 589. 0. 0 797 799 800 968to978by2 979to995by2 996 997 999 : CyP2. CyM2. CzP2. CzM2. QyB2. QzB2. PERI\_OUT2. : SW. GN. CTC. Bc. Tc. Hh. EsEc. DsDc. Ps. Pc. TsTc. : 2nd line  
1194. BEAM . 2. 56. 389. 987. 0. 0 1000. 170to203 370to403 \ : PERI\_IN2. Cy2. Cz2 : 8th line(STYPE=VALUE) bMulti. Elong. Esh : 4th line  
1195. BEAM . 2. 56. 787. 389. 0. 0 570to603 739to756 939to956 1153to1228. 0 : Y21. Y22. Y23. Y24. Z21. Z22. Z23. Z24. Zyy2. Zzz2 : iSEC. TYPE. SNAME. [OFFSET]. bSD. bWE. SHAPE : 9th line(STYPE=VALUE) : 1st line - COMPOSITE-I  
1196. BEAM . 2. 56. 189. 787. 0. 0 검토단면 , 178 180 188 189 197 198 378 380 388 389 : OPT1. OPT2. [JOINT] : Hw. tw. B1. tf1. B2. tf2 : 2nd line  
1197. BEAM . 2. 56. 989. 591. 0. 0 397 398 578 580 588 \ : 2nd line(STYPE=PSC) : 2nd line  
1198. BEAM . 2. 56. 391. 989. 0. 0 589 597 598. 0 : ELAST. DEN. POIS. POIC. THERMAL : [SHAPE-NUM]. [STIFF-SHAPE]. [STIFF-POS] (1~2)  
1199. BEAM . 2. 56. 789. 391. 0. 0 \*BNDR-GROUP : Boundary Group : 2nd line(STYPE=PSC-CMPW)  
1200. BEAM . 2. 56. 191. 789. 0. 0 : NAME. AUTOTYPE : 2nd line  
1201. BEAM . 2. 56. 991. 593. 0. 0 받침. 0 : bSHEARCHK. [SCHK-I]. [SCHK-J]. [WT-I]. [WT-J]. W1. : SW. GN. CTC. Bc. Tc. Hh. EsEc. DsDc. Ps. Pc. TsTc. : 4th line  
1202. BEAM . 2. 56. 393. 991. 0. 0 \*MATERIAL : Material : bSIDEHOLE : 3rd line(STYPE=PSC) : bMulti. Elong. Esh : 4th line  
1203. BEAM . 2. 56. 791. 393. 0. 0 : iMAT. TYPE. MNAME. SPHEAT. HEATCO. PLAST. TUNIT. : bSHEARCHK. bSYM. bHUNCH. [CMPWEB-I]. : iSEC. TYPE. SNAME. [OFFSET]. bSD. bWE. SHAPE : 1st line - COMPOSITE-TUB  
1204. BEAM . 2. 56. 193. 791. 0. 0 bMASS. DAMPRATIO. [DATA1] : STEEL. CONC. [CMPWEB-J] : 3rd line  
1205. BEAM . 2. 56. 993. 595. 0. 0 USER : line(STYPE=PSC-CMPW)  
1206. BEAM . 2. 56. 395. 993. 0. 0 : iMAT. TYPE. MNAME. SPHEAT. HEATCO. PLAST. TUNIT. : bUSERDEFMESH SIZE. MESH SIZE. bUSERINPSTIFF. : 2nd line  
1207. BEAM . 2. 56. 793. 395. 0. 0 bMASS. DAMPRATIO. [DATA2]. [DATA2] : SRC : [SHAPE-NUM]. [STIFF-SHAPE]. [STIFF-POS] (1~3)  
1208. BEAM . 2. 56. 195. 793. 0. 0 : [DATA1] : 1. STANDARD. CODE/PRODUCT. DB. USEELAST. : 4th line(STYPE=PSC) : [SIZE-A]-i : 3rd line  
1209. BEAM . 2. 56. 995. 597. 0. 0 ELAST : 5th line(STYPE=PSC) : SW. GN. CTC. Bc. Tc. Hh. EsEc. DsDc. Ps. Pc. TsTc. : 4th line  
1210. BEAM . 2. 56. 397. 995. 0. 0 : [DATA1] : 2. ELAST. POISN. THERMAL. DEN. MASS : [SIZE-B]-i : bMulti. Elong. Esh : 4th line  
1211. BEAM . 2. 56. 795. 397. 0. 0 : [DATA1] : 3. Ex. Ey. Ez. Tx. Ty. Tz. Sxy. Sxz. Syz. Pxy. : 6th line(STYPE=PSC) : iSEC. TYPE. SNAME. [OFFSET]. bSD. bWE. SHAPE : 1st line - COMPOSITE-CI/CT  
1212. BEAM . 2. 56. 197. 795. 0. 0 Pxz. Pyz. DEN. MASS : Orthotropic : 7th line(STYPE=PSC) : OPT1. OPT2. [JOINT]  
1213. BEAM . 2. 56. 996. 598. 0. 0 : [DATA2] : 1. STANDARD. CODE/PRODUCT. DB. USEELAST. : 8th line(STYPE=PSC) : 2nd line  
1214. BEAM . 2. 56. 398. 996. 0. 0 ELAST or 2. ELAST. POISN. THERMAL. DEN. MASS : 9th line(STYPE=PSC) : [SIZE-A]-j : 3rd line  
1215. BEAM . 2. 56. 796. 398. 0. 0 1. STEEL. SWS50 , 0. 0. , C. NO. 0.02. 2. : 10th line(STYPE=PSC) : [SIZE-B]-j : 4th line  
1216. BEAM . 2. 56. 198. 796. 0. 0 2.1000e+008. 0.3. 1.2000e-005. 95.4. 0 : 11th line(STYPE=PSC) : [SIZE-C]-j : 5th line  
1217. BEAM . 2. 56. 997. 599. 0. 0 2. STEEL. SWS41 , 0. 0. 0. , C. NO. 0.02. 2. : 12th line(STYPE=PSC) : [SIZE-D]-j : 6th line  
1218. BEAM . 2. 56. 399. 997. 0. 0 2.1000e+008. 0.3. 1.2000e-005. 95.4. 0 : GN. CTC. Bc. Tc. Hh. EsEc. DsDc. Ps. Pc. bMULTI. : SW. GN. CTC. Bc. Tc. Hh. EsEc. DsDc. Ps. Pc. bMULTI. : 7th line  
1219. BEAM . 2. 56. 797. 399. 0. 0 3. CONC. C27 , 0. 0. 0. , C. NO. 0.05. 2. : EsEc-L. EsEc-S : 2nd line(STYPE=CMP-B/I) : iSEC. TYPE. SNAME. [OFFSET]. bSD. bWE. SHAPE : 1st line - PSC  
1220. BEAM . 2. 56. 199. 797. 0. 0 2.6294e+007. 0.18. 1.0000e-005. 25. 0 : SW\_i. Hw\_i. tw\_i. B\_i. Bf1\_i. tf1\_i. B2\_i. Bf2\_i. tf2\_i : 3rd line(STYPE=CMP-B/I) : OPT1. OPT2. [JOINT]  
1221. BEAM . 2. 56. 999. 601. 0. 0 \*MATL-COLOR : 4th line(STYPE=CMP-B/I) : bSIDEHOLE : 3rd line  
1222. BEAM . 2. 56. 401. 999. 0. 0 : iMAT. W\_R. W\_G. W\_B. HF\_R. HF\_G. HF\_B. HE\_R. HE\_G. : bUSERDEFMESH SIZE. MESH SIZE. bUSERINPSTIFF. : 4th line  
1223. BEAM . 2. 56. 799. 401. 0. 0 HE\_B. bBLEND. FACT : GN. CTC. Bc. Tc. Hh. EsEc. DsDc. Ps. Pc. bMULTI. : bWE. [WARPING POINT]-i. [WARPING POINT]-j : 5th line  
1224. BEAM . 2. 56. 201. 799. 0. 0 1. 255. 0. 0. 0. 255. 0. 0. 0. 255. NO. 0.5 : EsEc-L. EsEc-S : 2nd line(STYPE=CMP-B/I) : bWE. [WARPING POINT]-i. [WARPING POINT]-j : 5th line  
1225. BEAM . 2. 57. 1000. 602. 0. 0 2. 255. 0. 0. 0. 255. 0. 0. 0. 255. NO. 0.5 : SW\_i. Hw\_i. tw\_i. B\_i. Bf1\_i. tf1\_i. B2\_i. Bf2\_i. tf2\_i : 3rd line(STYPE=CMP-B/I) : bWE. [WARPING POINT]-i. [WARPING POINT]-j : 5th line  
1226. BEAM . 2. 57. 402. 1000. 0. 0 3. 255. 0. 0. 0. 255. 0. 0. 0. 255. NO. 0.5 : 3rd line(STYPE=CMP-B/I) : bWE. [WARPING POINT]-i. [WARPING POINT]-j : 5th line  
1227. BEAM . 2. 57. 800. 402. 0. 0 \*SECTION : Section : 4th line(STYPE=CMP-B/I) : bWE. [WARPING POINT]-i. [WARPING POINT]-j : 5th line  
1228. BEAM . 2. 57. 202. 800. 0. 0 : iSEC. TYPE. SNAME. [OFFSET]. bSD. bWE. SHAPE. : SW\_j. Hw\_j. tw\_j. B\_j. Bf1\_j. tf1\_j. B2\_j. Bf2\_j. tf2\_j : 2nd line : bSHEARCHK. [SCHK]. [WT]. WIDTH. bSYM. : 3rd line  
\*GROUP : Group : 4th line(STYPE=CMP-B/I) : bUSERDEFMESH SIZE. MESH SIZE. bUSERINPSTIFF. : 4th line  
: NAME. NODE\_LIST. ELEM\_LIST. PLANE\_TYPE : N1. N2. Hr. Hr2. tr1. tr2 : bSIDEHOLE : 3rd line  
G1 , 101to204. 101to203. 0 : : 5th line(STYPE=CMP-B) : bUSERDEFMESH SIZE. MESH SIZE. bUSERINPSTIFF. : 4th line  
G2 , 301to404. 301to403. 0 : : 6th line(STYPE=CMP-B) : bWE. [WARPING POINT]-i. [WARPING POINT]-j : 5th line  
G3 , 501to604. 501to603. 0 : : 7th line(STYPE=CMP-B) : bWE. [WARPING POINT]-i. [WARPING POINT]-j : 5th line  
가로보 , 103to1000by299 104 106to108 110to124by2 125 : CyP. CyM. CzP. CzM. QyB. QzB. PERI\_OUT. PERI\_IN. : OPT1. OPT2. [JOINT] : 5th line  
126to142by2 143 \ : Cy. Cz : 3rd line(STYPE=CMP-CI/CT) : [SIZE-A] : 6th line  
144to160by2 161 162to180by2 181to197by2 198 : Y1. Y2. Y3. Y4. Z1. Z2. Z3. Z4. Zyy. Zzz : 4th line(STYPE=CMP-CI/CT) : [SIZE-B] : 7th line  
199to999by200 201 202 303 \ : : 5th line(STYPE=CMP-CI/CT) : [SIZE-C] : 8th line  
304to901by199 306to308 310to324by2 325 : iSEC. TYPE. SNAME. [OFFSET]. bSD. bWE. SHAPE. ELAST. : : 9th line  
326to342by2 343 344to360by2 361 \ : DEN. POIS. POIC. SF. THERMAL : 1st line - SRC : [DATA1] : 1. DB. NAME or 2. D1. D2. D3. D4. D5. D6. D7. D8. D9. D10  
362to380by2 381to397by2 398 401 504 506to508 : : 5th line(STYPE=CMP-CI/CT) : [DATA2] : CCSHAPE or iCEL or iN1. iN2 : [SRC] : 1. DB. NAME1. NAME2 or 2. D1. D2. D3. D4. D5. D6. D7. D8. D9. D10. iN1. iN2  
510to524by2 525 526to542by2 \ : : 6th line(STYPE=CMP-CI/CT) : [SIZE-D] : 9th line  
543 544to560by2 561 562to580by2 581to597by2 598 : iSEC. TYPE. SNAME. [OFFSET]. bSD. bWE. SHAPE. 1. DB. : : 10th line  
601 602 704to706 \ : NAME1. NAME2. D1. D2 : 7th line(STYPE=CMP-CI/CT) : [DATA1] : 1. DB. NAME or 2. D1. D2. D3. D4. D5. D6. D7. D8. D9. D10  
708to722by2 723 724to740by2 741 742to758by2 759 : iSEC. TYPE. SNAME. [OFFSET]. bSD. bWE. SHAPE. 2. D11. : [DATA2] : CCSHAPE or iCEL or iN1. iN2 : [SRC] : 1. DB. NAME1. NAME2 or 2. D1. D2. D3. D4. D5. D6. D7. D8. D9. D10. iN1. iN2  
760to778by2 779to795by2 \ : D12. D13. D14. D15. D21. D22. D23. D24 : 8th line(STYPE=CMP-CI/CT) : [SIZE-B]-j : 9th line  
796 797 800 902 904to906 908to922by2 923 : iSEC. TYPE. SNAME. [OFFSET2]. bSD. bWE. SHAPE. : [SIZE-B]-j : 9th line  
924to940by2 941 942to958by2 959 \ : iyVAR. izVAR. STYPE : 1st line - TAPERED : 9th line(STYPE=CMP-CI/CT)

: [DIM1], [DIM2] : D1, D2, D3, D4, D5, D6, D7, D8  
: [OFFSET] : OFFSET, iCENT, iREF, iHORZ, HUSER, iVERT, VUSER  
: [OFFSET2]: OFFSET, iCENT, iREF, iHORZ, HUSERI, HUSERJ, iVERT, VUSERI, VUSERJ  
: [SHAPE-NUM]: SHAPE-NUM, POS, STIFF-NUM1, STIFF-NUM2, STIFF-NUM3, STIFF-NUM4  
: [STIFF-SHAPE]: SHAPE-NUM, for(SHAPE-NUM) { NAME, SIZE1-8 }  
: [STIFF-POS]: STIFF-NUM, for(STIFF-NUM) { SPACING, iSHAPE, bCALC }  
: [JOINT] : 8(1CELL, 2CELL), 13(3CELL), 9(PSCM), 8(PSCH), 9(PSCT), 2(PSCB), 0(nCELL), 2(nCEL2)  
: [SIZE-A] : 6(1CELL, 2CELL), 10(3CELL), 10(PSCM), 6(PSCH), 8(PSCT), 10(PSCB), 5(nCELL), 11(nCEL2)  
: [SIZE-B] : 6(1CELL, 2CELL), 12(3CELL), 6(PSCM), 6(PSCH), 8(PSCT), 6(PSCB), 8(nCELL), 18(nCEL2)  
: [SIZE-C] : 10(1CELL, 2CELL), 13(3CELL), 9(PSCM), 10(PSCH), 7(PSCT), 8(PSCB), 0(nCELL), 11(nCEL2)  
: [SIZE-D] : 8(1CELL, 2CELL), 13(3CELL), 6(PSCM), 7(PSCH), 8(PSCT), 5(PSCB), 0(nCELL), 18(nCEL2)  
: [STIFF] : AREA, ASy, ASz, lxx, lyy, lzz  
: [SCHK] : bAUTO\_Z1, Z1, bAUTO\_Z3, Z3  
: [WT] : bAUTO\_TOR, TOR, bAUTO\_SHR1, SHR1, bAUTO\_SHR2, SHR2, bAUTO\_SHR3, SHR3  
: [CMPWEB] : EFD, LRF, A, B, H, T  
: [WARPING POINT] : nWarpingCheck, X1,X2,X3,X4,X5,X6, Y1,Y2,Y3,Y4,Y5,Y6  
1, COMPOSITE , "G1.G3-단면1" , CT, 0, 0, 0, 0, 0, 0, YES, NO, B  
1.5, 0.012, 2.5, 0.1, 0.016, 2.5, 0.1, 0.018  
1, 0, 0, 0, 2, 4  
1, rib, 0, 0.2, 0.014, 0, 0, 0, 0, 0, 0  
0  
0  
2, 0.8, 0, YES, 0.9, 0, YES  
4, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES  
6, 1, 6, 6, 0.25, 0.05, 7.9867, 0, 0.3, 0.18, 1.2, NO, .  
NO, .  
2, COMPOSITE , "G1.G3-단면2" , CT, 0, 0, 0, 0, 0, 0, YES, NO, B  
1.5, 0.012, 2.5, 0.1, 0.02, 2.5, 0.1, 0.022  
1, 0, 0, 0, 2, 4  
1, rib, 0, 0.2, 0.014, 0, 0, 0, 0, 0, 0  
0  
0  
2, 0.8, 0, YES, 0.9, 0, YES  
4, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES  
6, 1, 6, 6, 0.25, 0.05, 7.9867, 0, 0.3, 0.18, 1.2, NO, .  
NO, .  
3, TAPERED , "G1.G3-단면3" , CT, 0, 0, 0, 0, 0, 0, 0, 0, YES, NO, CP\_B, 1, 1, CMP-B  
1, 6, 6, 0.25, 0.05, 7.9867, 0, 0.3, 0.18, 1.2, NO, .  
6, 1.5, 0.012, 2.5, 0.1, 0.02, 2.5, 0.1, 0.022  
6, 1.601, 0.012, 2.5, 0.1, 0.02, 2.5, 0.1, 0.022  
1, 0, 0, 0, 2, 4  
1, rib, 0, 0.2, 0.014, 0, 0, 0, 0, 0, 0  
0  
0  
2, 0.8, 0, YES, 0.9, 0, YES  
4, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES  
0, 0, 0, 0, 0, 0  
0  
0  
0  
0  
0  
4, TAPERED , "G1.G3-단면4" , CT, 0, 0, 0, 0, 0, 0, 0, 0, YES, NO, CP\_B, 1, 1, CMP-B  
1, 6, 6, 0.25, 0.05, 7.9867, 0, 0.3, 0.18, 1.2, NO, .  
6, 1.601, 0.012, 2.5, 0.1, 0.016, 2.5, 0.1, 0.016

6, 1.906, 0.012, 2.5, 0.1, 0.016, 2.5, 0.1, 0.016  
1, 0, 0, 0, 2, 4  
1, rib, 0, 0.2, 0.014, 0, 0, 0, 0, 0, 0  
0  
0  
2, 0.8, 0, YES, 0.9, 0, YES  
4, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES  
0, 0, 0, 0, 0, 0  
0  
0  
0  
0  
0  
5, TAPERED , "G1.G3-단면5" , CT, 0, 0, 0, 0, 0, 0, 0, 0, YES, NO, CP\_B, 1, 1, CMP-B  
1, 6, 6, 0.25, 0.05, 7.9867, 0, 0.3, 0.18, 1.2, NO, .  
6, 1.906, 0.012, 2.5, 0.1, 0.016, 2.5, 0.1, 0.016  
6, 2.085, 0.012, 2.5, 0.1, 0.016, 2.5, 0.1, 0.016  
1, 0, 0, 0, 4, 4  
1, rib, 0, 0.2, 0.014, 0, 0, 0, 0, 0, 0  
0  
0  
4, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES  
4, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES  
0, 0, 0, 0, 0, 0  
0  
0  
0  
0  
6, TAPERED , "G1.G3-단면6" , CT, 0, 0, 0, 0, 0, 0, 0, 0, YES, NO, CP\_B, 1, 1, CMP-B  
1, 6, 6, 0.25, 0.05, 7.9867, 0, 0.3, 0.18, 1.2, NO, .  
6, 2.085, 0.012, 2.5, 0.1, 0.016, 2.5, 0.1, 0.016  
6, 2.414, 0.012, 2.5, 0.1, 0.016, 2.5, 0.1, 0.016  
1, 0, 0, 0, 4, 2  
1, rib, 0, 0.2, 0.014, 0, 0, 0, 0, 0, 0  
0  
0  
4, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES  
2, 0.8, 0, YES, 0.9, 0, YES  
0, 0, 0, 0, 0, 0  
0  
0  
0  
0  
7, TAPERED , "G1.G3-단면7" , CT, 0, 0, 0, 0, 0, 0, 0, 0, YES, NO, CP\_B, 1, 1, CMP-B  
1, 6, 6, 0.25, 0.05, 7.9867, 0, 0.3, 0.18, 1.2, NO, .  
6, 2.414, 0.014, 2.5, 0.1, 0.02, 2.5, 0.1, 0.02  
6, 3, 0.014, 2.5, 0.1, 0.02, 2.5, 0.1, 0.02  
1, 0, 0, 0, 4, 2  
1, rib, 0, 0.2, 0.014, 0, 0, 0, 0, 0, 0  
0  
0  
4, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES  
2, 0.8, 0, YES, 0.9, 0, YES  
0, 0, 0, 0, 0, 0  
0  
0  
0  
0  
0  
8, COMPOSITE , "G1.G3-단면8" , CT, 0, 0, 0, 0, 0, 0, 0, YES, NO, B  
3, 0.014, 2.5, 0.1, 0.02, 2.5, 0.1, 0.02  
1, 0, 0, 0, 4, 2  
1, rib, 0, 0.2, 0.014, 0, 0, 0, 0, 0, 0  
0  
0

4, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES  
2, 0.8, 0, YES, 0.9, 0, YES  
6, 1, 6, 6, 0.25, 0.05, 7.9867, 0, 0.3, 0.18, 1.2, NO, .  
NO, .  
9, TAPERED , "G1.G3-단면9" , CT, 0, 0, 0, 0, 0, 0, 0, 0, YES, NO, CP\_B, 1, 1, CMP-B  
1, 6, 6, 0.25, 0.05, 7.9867, 0, 0.3, 0.18, 1.2, NO, .  
6, 3, 0.014, 2.5, 0.1, 0.02, 2.5, 0.1, 0.02  
6, 2.414, 0.014, 2.5, 0.1, 0.02, 2.5, 0.1, 0.02  
1, 0, 0, 0, 4, 2  
1, rib, 0, 0.2, 0.014, 0, 0, 0, 0, 0, 0  
0  
0  
0  
4, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES  
2, 0.8, 0, YES, 0.9, 0, YES  
0, 0, 0, 0, 0, 0  
0  
0  
0  
10, TAPERED , "G1.G3-단면10" , CT, 0, 0, 0, 0, 0, 0, 0, 0, YES, NO, CP\_B, 1, 1, CMP-B  
1, 6, 6, 0.25, 0.05, 7.9867, 0, 0.3, 0.18, 1.2, NO, .  
6, 2.414, 0.012, 2.5, 0.1, 0.016, 2.5, 0.1, 0.016  
6, 2.085, 0.012, 2.5, 0.1, 0.016, 2.5, 0.1, 0.016  
1, 0, 0, 0, 4, 2  
1, rib, 0, 0.2, 0.014, 0, 0, 0, 0, 0, 0  
0  
0  
4, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES  
2, 0.8, 0, YES, 0.9, 0, YES  
0, 0, 0, 0, 0, 0  
0  
0  
0  
11, TAPERED , "G1.G3-단면11" , CT, 0, 0, 0, 0, 0, 0, 0, 0, YES, NO, CP\_B, 1, 1, CMP-B  
1, 6, 6, 0.25, 0.05, 7.9867, 0, 0.3, 0.18, 1.2, NO, .  
6, 2.085, 0.012, 2.5, 0.1, 0.016, 2.5, 0.1, 0.016  
6, 1.906, 0.012, 2.5, 0.1, 0.016, 2.5, 0.1, 0.016  
1, 0, 0, 0, 4, 4  
1, rib, 0, 0.2, 0.014, 0, 0, 0, 0, 0, 0  
0  
0  
0  
4, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES  
4, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES  
0, 0, 0, 0, 0, 0  
0  
0  
0  
12, TAPERED , "G1.G3-단면12" , CT, 0, 0, 0, 0, 0, 0, 0, 0, YES, NO, CP\_B, 1, 1, CMP-B  
1, 6, 6, 0.25, 0.05, 7.9867, 0, 0.3, 0.18, 1.2, NO, .  
6, 1.906, 0.012, 2.5, 0.1, 0.016, 2.5, 0.1, 0.016  
6, 1.601, 0.012, 2.5, 0.1, 0.016, 2.5, 0.1, 0.016  
1, 0, 0, 0, 2, 4  
1, rib, 0, 0.2, 0.014, 0, 0, 0, 0, 0, 0  
0  
0  
0  
2, 0.8, 0, YES, 0.9, 0, YES  
4, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES  
0, 0, 0, 0, 0, 0  
0  
0  
0  
17, TAPERED , "G1.G3-단면17" , CT, 0, 0, 0, 0, 0, 0, 0, 0, YES, NO, CP\_B, 1, 1, CMP-B

0  
13, TAPERED , "G1.G3-단면13" , CT, 0, 0, 0, 0, 0, 0, 0, 0, YES, NO, CP\_B, 1, 1, CMP-B  
1, 6, 6, 0.25, 0.05, 7.9867, 0, 0.3, 0.18, 1.2, NO, .  
6, 1.601, 0.012, 2.5, 0.1, 0.02, 2.5, 0.1, 0.022  
6, 1.5, 0.012, 2.5, 0.1, 0.02, 2.5, 0.1, 0.022  
1, 0, 0, 0, 2, 4  
1, rib, 0, 0.2, 0.014, 0, 0, 0, 0, 0, 0  
0  
0  
2, 0.8, 0, YES, 0.9, 0, YES  
4, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES  
0, 0, 0, 0, 0, 0  
0  
0  
0  
0  
14, TAPERED , "G1.G3-단면14" , CT, 0, 0, 0, 0, 0, 0, 0, 0, YES, NO, CP\_B, 1, 1, CMP-B  
1, 6, 6, 0.25, 0.05, 7.9867, 0, 0.3, 0.18, 1.2, NO, .  
6, 1.5, 0.012, 2.5, 0.1, 0.02, 2.5, 0.1, 0.02  
6, 1.601, 0.012, 2.5, 0.1, 0.02, 2.5, 0.1, 0.02  
1, 0, 0, 0, 2, 4  
1, rib, 0, 0.2, 0.014, 0, 0, 0, 0, 0, 0  
0  
0  
2, 0.8, 0, YES, 0.9, 0, YES  
4, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES  
0, 0, 0, 0, 0, 0  
0  
0  
0  
0  
15, TAPERED , "G1.G3-단면15" , CT, 0, 0, 0, 0, 0, 0, 0, 0, YES, NO, CP\_B, 1, 1, CMP-B  
1, 6, 6, 0.25, 0.05, 7.9867, 0, 0.3, 0.18, 1.2, NO, .  
6, 1.601, 0.012, 2.5, 0.1, 0.016, 2.5, 0.1, 0.016  
6, 1.906, 0.012, 2.5, 0.1, 0.016, 2.5, 0.1, 0.016  
1, 0, 0, 0, 2, 4  
1, rib, 0, 0.2, 0.014, 0, 0, 0, 0, 0, 0  
0  
0  
2, 0.8, 0, YES, 0.9, 0, YES  
4, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES  
0, 0, 0, 0, 0, 0  
0  
0  
0  
0  
16, TAPERED , "G1.G3-단면16" , CT, 0, 0, 0, 0, 0, 0, 0, 0, YES, NO, CP\_B, 1, 1, CMP-B  
1, 6, 6, 0.25, 0.05, 7.9867, 0, 0.3, 0.18, 1.2, NO, .  
6, 1.906, 0.012, 2.5, 0.1, 0.016, 2.5, 0.1, 0.016  
6, 2.085, 0.012, 2.5, 0.1, 0.016, 2.5, 0.1, 0.016  
1, 0, 0, 0, 4, 4  
1, rib, 0, 0.2, 0.014, 0, 0, 0, 0, 0, 0  
0  
0  
4, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES  
4, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES  
0, 0, 0, 0, 0, 0  
0  
0  
0  
0  
17, TAPERED , "G1.G3-단면17" , CT, 0, 0, 0, 0, 0, 0, 0, 0, YES, NO, CP\_B, 1, 1, CMP-B

[illegible]

2, 0.8, 0, YES, 0.9, 0, YES  
0, 0, 0, 0, 0, 0  
0  
0  
0  
0  
0  
49, TAPERED , G2-단면22 , CT, 0, 0, 0, 0, 0, 0, 0, 0, 0, YES, NO, CP\_B, 1, 1, CMP-B  
1, 7.5, 7.5, 0.25, 0.05, 7.9867, 0, 0.3, 0.18, 1.2,  
NO, ,  
7.5, 2.414, 0.012, 2.5, 0.1, 0.016, 2.5, 0.1, 0.016  
7.5, 2.085, 0.012, 2.5, 0.1, 0.016, 2.5, 0.1, 0.016  
1, 0, 0, 0, 4, 2  
1, rib, 0, 0.2, 0.014, 0, 0, 0, 0, 0, 0  
0  
0  
0  
4, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES  
2, 0.8, 0, YES, 0.9, 0, YES  
0, 0, 0, 0, 0, 0  
0  
0  
0  
0  
0  
0  
50, TAPERED , G2-단면23 , CT, 0, 0, 0, 0, 0, 0, 0, 0, 0, YES, NO, CP\_B, 1, 1, CMP-B  
1, 7.5, 7.5, 0.25, 0.05, 7.9867, 0, 0.3, 0.18, 1.2,  
NO, ,  
7.5, 2.085, 0.012, 2.5, 0.1, 0.016, 2.5, 0.1, 0.016  
7.5, 1.906, 0.012, 2.5, 0.1, 0.016, 2.5, 0.1, 0.016  
1, 0, 0, 0, 4, 4  
1, rib, 0, 0.2, 0.014, 0, 0, 0, 0, 0, 0  
0  
0  
0  
4, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES  
4, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES  
0, 0, 0, 0, 0, 0  
0  
0  
0  
0  
0  
0  
51, TAPERED , G2-단면24 , CT, 0, 0, 0, 0, 0, 0, 0, 0, 0, YES, NO, CP\_B, 1, 1, CMP-B  
1, 7.5, 7.5, 0.25, 0.05, 7.9867, 0, 0.3, 0.18, 1.2,  
NO, ,  
7.5, 1.906, 0.012, 2.5, 0.1, 0.016, 2.5, 0.1, 0.016  
7.5, 1.601, 0.012, 2.5, 0.1, 0.016, 2.5, 0.1, 0.016  
1, 0, 0, 0, 2, 4  
1, rib, 0, 0.2, 0.014, 0, 0, 0, 0, 0, 0  
0  
0  
2, 0.8, 0, YES, 0.9, 0, YES  
4, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES  
0, 0, 0, 0, 0, 0  
0  
0  
0  
0  
0  
0  
52, TAPERED , G2-단면25 , CT, 0, 0, 0, 0, 0, 0, 0, 0, 0, YES, NO, CP\_B, 1, 1, CMP-B  
1, 7.5, 7.5, 0.25, 0.05, 7.9867, 0, 0.3, 0.18, 1.2,  
NO, ,  
7.5, 1.601, 0.012, 2.5, 0.1, 0.02, 2.5, 0.1, 0.022  
7.5, 1.5, 0.012, 2.5, 0.1, 0.02, 2.5, 0.1, 0.022  
1, 0, 0, 0, 2, 4  
1, rib, 0, 0.2, 0.014, 0, 0, 0, 0, 0, 0  
0  
0

[illegible]

|                                                                                              |                                                       |                                                       |                                                       |
|----------------------------------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|
| 1st line - COMPOSITE-Cl/CT                                                                   | 2. 0.8. 0. YES. 0.9. 0. YES                           | 1. 0. 0. 0. 4. 2                                      | 0                                                     |
| OPT1, OPT2, [JOINT]                                                                          | 4. 0.5. 0. YES. 0.5. 0. YES. 0.5. 0. YES. 0.5. 0. YES | 1. rib. 0. 0.2. 0.014. 0. 0. 0. 0. 0. 0               | 0                                                     |
| 2nd line                                                                                     | 6. 1. 6. 6. 0.25. 0.05. 7.9867. 0. 0.3. 0.18. 1.2.    | 0                                                     | 0                                                     |
|                                                                                              |                                                       | 0                                                     | 11. TAPERED , "G1.G3-단면11" , CT. 0. 0. 0. 0. 0. 0.    |
| 3rd line                                                                                     | 2. COMPOSITE , "G1.G3-단면2" , CT. 0. 0. 0. 0. 0. 0.    | 4. 0.5. 0. YES. 0.5. 0. YES. 0.5. 0. YES. 0.5. 0. YES | 0. 0. YES. NO. CP_B. 1. 1. CMP-B                      |
| [SIZE-A]                                                                                     | YES. NO. B                                            | 2. 0.8. 0. YES. 0.9. 0. YES                           | 1. 6. 6. 0.25. 0.05. 7.9867. 0. 0.3. 0.18. 1.2. NO. , |
| 4th line                                                                                     | 1.5. 0.012. 2.5. 0.1. 0.02. 2.5. 0.1. 0.022           | 0. 0. 0. 0. 0. 0                                      | 6. 2.085. 0.012. 2.5. 0.1. 0.016. 2.5. 0.1. 0.016     |
| [SIZE-B]                                                                                     | 1. 0. 0. 0. 2. 4                                      | 0                                                     | 6. 1.906. 0.012. 2.5. 0.1. 0.016. 2.5. 0.1. 0.016     |
| 5th line                                                                                     | 1. rib. 0. 0.2. 0.014. 0. 0. 0. 0. 0. 0               | 0                                                     | 1. 0. 0. 0. 4. 4                                      |
| [SIZE-C]                                                                                     | 0                                                     | 0                                                     | 1. rib. 0. 0.2. 0.014. 0. 0. 0. 0. 0. 0               |
| 6th line                                                                                     | 0                                                     | 0                                                     | 0                                                     |
| SW, GN, CTC, Bc, Tc, Hh, EgdEsb, DgdDsb, Pgd.                                                | 2. 0.8. 0. YES. 0.9. 0. YES                           | 0                                                     | 0                                                     |
| 7th line                                                                                     | 4. 0.5. 0. YES. 0.5. 0. YES. 0.5. 0. YES. 0.5. 0. YES | 0                                                     | 0                                                     |
| iSEC, TYPE, SNAME, [OFFSET], bSD, bWE, SHAPE                                                 | 6. 1. 6. 6. 0.25. 0.05. 7.9867. 0. 0.3. 0.18. 1.2.    | 7. TAPERED , "G1.G3-단면7" , CT. 0. 0. 0. 0. 0. 0.      | 4. 0.5. 0. YES. 0.5. 0. YES. 0.5. 0. YES. 0.5. 0. YES |
| 1st line - PSC                                                                               | NO. ,                                                 | 0. 0. YES. NO. CP_B. 1. 1. CMP-B                      | 4. 0.5. 0. YES. 0.5. 0. YES. 0.5. 0. YES. 0.5. 0. YES |
| OPT1, OPT2, [JOINT]                                                                          | 3. TAPERED , "G1.G3-단면3" , CT. 0. 0. 0. 0. 0. 0.      | 1. 6. 6. 0.25. 0.05. 7.9867. 0. 0.3. 0.18. 1.2. NO. , | 0. 0. 0. 0. 0. 0                                      |
| 2nd line                                                                                     | 0. 0. YES. NO. CP_B. 1. 1. CMP-B                      | 6. 2.414. 0.014. 2.5. 0.1. 0.02. 2.5. 0.1. 0.02       | 0                                                     |
| bSHEARCHK, [SCHK], [WT], WIDTH, bSYM,                                                        | 1. 6. 6. 0.25. 0.05. 7.9867. 0. 0.3. 0.18. 1.2. NO. , | 6. 3. 0.014. 2.5. 0.1. 0.02. 2.5. 0.1. 0.02           | 0                                                     |
| bSIDEHOLE                                                                                    | 6. 1.5. 0.012. 2.5. 0.1. 0.02. 2.5. 0.1. 0.022        | 1. 0. 0. 0. 4. 2                                      | 0                                                     |
| bUSERDEFMESH SIZE, MESH SIZE, bUSERINPSTIFF,                                                 | 6. 1.601. 0.012. 2.5. 0.1. 0.02. 2.5. 0.1. 0.022      | 1. rib. 0. 0.2. 0.014. 0. 0. 0. 0. 0. 0               | 0                                                     |
| 4th line                                                                                     | 1. 0. 0. 0. 2. 4                                      | 0                                                     | 0                                                     |
| bWE, [WARPING POINT]-i, [WARPING POINT]-j                                                    | 1. rib. 0. 0.2. 0.014. 0. 0. 0. 0. 0. 0               | 4. 0.5. 0. YES. 0.5. 0. YES. 0.5. 0. YES. 0.5. 0. YES | 12. TAPERED , "G1.G3-단면12" , CT. 0. 0. 0. 0. 0. 0.    |
| 5th line                                                                                     | 0                                                     | 2. 0.8. 0. YES. 0.9. 0. YES                           | 0. 0. YES. NO. CP_B. 1. 1. CMP-B                      |
| [SIZE-A]                                                                                     | 0                                                     | 0. 0. 0. 0. 0. 0                                      | 1. 6. 6. 0.25. 0.05. 7.9867. 0. 0.3. 0.18. 1.2. NO. , |
| 6th line                                                                                     | 2. 0.8. 0. YES. 0.9. 0. YES                           | 0                                                     | 6. 1.906. 0.012. 2.5. 0.1. 0.016. 2.5. 0.1. 0.016     |
| [SIZE-B]                                                                                     | 4. 0.5. 0. YES. 0.5. 0. YES. 0.5. 0. YES. 0.5. 0. YES | 0                                                     | 6. 1.601. 0.012. 2.5. 0.1. 0.016. 2.5. 0.1. 0.016     |
| 7th line                                                                                     | 0. 0. 0. 0. 0. 0                                      | 0                                                     | 1. 0. 0. 0. 2. 4                                      |
| [SIZE-C]                                                                                     | 0                                                     | 0                                                     | 1. rib. 0. 0.2. 0.014. 0. 0. 0. 0. 0. 0               |
| 8th line                                                                                     | 0                                                     | 0                                                     | 0                                                     |
| [SIZE-D]                                                                                     | 0                                                     | 8. COMPOSITE , "G1.G3-단면8" , CT. 0. 0. 0. 0. 0. 0.    | 0                                                     |
| 9th line                                                                                     | 0                                                     | YES. NO. B                                            | 2. 0.8. 0. YES. 0.9. 0. YES                           |
| [DATA1] : 1. DB, NAME or 2. D1, D2, D3, D4, D5, D6, D7, D8, D9, D10                          | 0                                                     | 3. 0.014. 2.5. 0.1. 0.02. 2.5. 0.1. 0.02              | 4. 0.5. 0. YES. 0.5. 0. YES. 0.5. 0. YES. 0.5. 0. YES |
| [DATA2] : CCSHAPE or iCEL or iN1, iN2                                                        | 4. TAPERED , "G1.G3-단면4" , CT. 0. 0. 0. 0. 0. 0.      | 1. 0. 0. 0. 4. 2                                      | 0. 0. 0. 0. 0. 0                                      |
| [SRC] : 1. DB, NAME1, NAME2 or 2. D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, iN1, iN2          | 0. 0. YES. NO. CP_B. 1. 1. CMP-B                      | 1. rib. 0. 0.2. 0.014. 0. 0. 0. 0. 0. 0               | 0                                                     |
| [DIM1], [DIM2] : D1, D2, D3, D4, D5, D6, D7, D8                                              | 1. 6. 6. 0.25. 0.05. 7.9867. 0. 0.3. 0.18. 1.2. NO. , | 0                                                     | 0                                                     |
| [OFFSET] : OFFSET, iCENT, iREF, iHORZ, HUSER, iVERT, VUSER                                   | 6. 1.601. 0.012. 2.5. 0.1. 0.016. 2.5. 0.1. 0.016     | 0                                                     | 0                                                     |
| [OFFSET2]: OFFSET, iCENT, iREF, iHORZ, HUSERI, HUSERJ, iVERT, VUSERI, VUSERJ                 | 6. 1.906. 0.012. 2.5. 0.1. 0.016. 2.5. 0.1. 0.016     | 4. 0.5. 0. YES. 0.5. 0. YES. 0.5. 0. YES. 0.5. 0. YES | 13. TAPERED , "G1.G3-단면13" , CT. 0. 0. 0. 0. 0. 0.    |
| [SHAPE-NUM]: SHAPE-NUM, POS, STIFF-NUM1, STIFF-NUM2, STIFF-NUM3, STIFF-NUM4                  | 1. 0. 0. 0. 2. 4                                      | 2. 0.8. 0. YES. 0.9. 0. YES                           | 0. 0. YES. NO. CP_B. 1. 1. CMP-B                      |
| [STIFF-SHAPE]: SHAPE-NUM, for(SHAPE-NUM) { NAME, SIZE1~8 }                                   | 1. rib. 0. 0.2. 0.014. 0. 0. 0. 0. 0. 0               | 0                                                     | 1. 6. 6. 0.25. 0.05. 7.9867. 0. 0.3. 0.18. 1.2. NO. , |
| [STIFF-POS]: STIFF-NUM, for(STIFF-NUM) { SPACING, iSHAPE, bCALC }                            | 0                                                     | NO. ,                                                 | 6. 1.601. 0.012. 2.5. 0.1. 0.02. 2.5. 0.1. 0.022      |
| [JOINT] : 8(1CELL, 2CELL), 13(3CELL), 9(PSCM), 8(PSCH), 9(PSCT), 2(PSCB), 0(nCELL), 2(nCEL2) | 0                                                     | 9. TAPERED , "G1.G3-단면9" , CT. 0. 0. 0. 0. 0. 0.      | 1. 0. 0. 0. 2. 4                                      |
| [SIZE-A] : 6(1CELL, 2CELL), 10(3CELL), 10(PSCM), 6(PSCH), 8(P                                |                                                       |                                                       |                                                       |

1, 0, 0, 0, 4, 2  
1, rib, 0, 0.2, 0.014, 0, 0, 0, 0, 0, 0  
0  
0  
4, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES  
2, 0.8, 0, YES, 0.9, 0, YES  
6, 1, 6, 6, 0.25, 0.05, 7.9867, 0, 0.3, 0.18, 1.2, NO, .  
20, COMPOSITE , "G1.G3-단면20" , CT, 0, 0, 0, 0, 0, 0, YES, NO, B  
3, 0.014, 2.5, 0.1, 0.02, 2.5, 0.1, 0.02  
1, 0, 0, 0, 4, 2  
1, rib, 0, 0.2, 0.014, 0, 0, 0, 0, 0, 0  
0  
0  
4, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES  
2, 0.8, 0, YES, 0.9, 0, YES  
6, 1, 6, 6, 0.25, 0.05, 7.9867, 0, 0.3, 0.18, 1.2, NO, .  
21, TAPERED , "G1.G3-단면21" , CT, 0, 0, 0, 0, 0, 0, 0, YES, NO, CP,B, 1, 1, CMP-B  
1, 6, 6, 0.25, 0.05, 7.9867, 0, 0.3, 0.18, 1.2, NO, .  
6, 3, 0.014, 2.5, 0.1, 0.02, 2.5, 0.1, 0.02  
6, 2.414, 0.014, 2.5, 0.1, 0.02, 2.5, 0.1, 0.02  
1, 0, 0, 0, 4, 2  
1, rib, 0, 0.2, 0.014, 0, 0, 0, 0, 0, 0  
0  
0  
4, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES  
2, 0.8, 0, YES, 0.9, 0, YES  
0, 0, 0, 0, 0  
0  
0  
0  
0  
0  
22, TAPERED , "G1.G3-단면22" , CT, 0, 0, 0, 0, 0, 0, 0, YES, NO, CP,B, 1, 1, CMP-B  
1, 6, 6, 0.25, 0.05, 7.9867, 0, 0.3, 0.18, 1.2, NO, .  
6, 2.414, 0.012, 2.5, 0.1, 0.016, 2.5, 0.1, 0.016  
6, 2.085, 0.012, 2.5, 0.1, 0.016, 2.5, 0.1, 0.016  
1, 0, 0, 0, 4, 2  
1, rib, 0, 0.2, 0.014, 0, 0, 0, 0, 0, 0  
0  
0  
4, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES  
2, 0.8, 0, YES, 0.9, 0, YES  
0, 0, 0, 0, 0  
0  
0  
0  
0  
0  
23, TAPERED , "G1.G3-단면23" , CT, 0, 0, 0, 0, 0, 0, 0, YES, NO, CP,B, 1, 1, CMP-B  
1, 6, 6, 0.25, 0.05, 7.9867, 0, 0.3, 0.18, 1.2, NO, .  
6, 2.085, 0.012, 2.5, 0.1, 0.016, 2.5, 0.1, 0.016  
6, 1.906, 0.012, 2.5, 0.1, 0.016, 2.5, 0.1, 0.016  
1, 0, 0, 0, 4, 4  
1, rib, 0, 0.2, 0.014, 0, 0, 0, 0, 0, 0  
0  
0  
4, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES  
4, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES  
0, 0, 0, 0, 0  
0  
0  
0  
0  
0  
24, TAPERED , "G1.G3-단면24" , CT, 0, 0, 0, 0, 0, 0, 0, YES, NO, CP,B, 1, 1, CMP-B

0  
0  
2, 0.8, 0, YES, 0.9, 0, YES  
4, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES  
7.5, 1, 7.5, 7.5, 0.25, 0.05, 7.9867, 0, 0.3, 0.18,  
1.2, NO, ,  
30, TAPERED , G2-단면3 , CT, 0, 0, 0, 0, 0, 0,  
0, 0, YES, NO, CP\_B, 1, 1, CMP-B  
1, 7.5, 7.5, 0.25, 0.05, 7.9867, 0, 0.3, 0.18, 1.2,  
NO, ,  
7.5, 1.5, 0.012, 2.5, 0.1, 0.02, 2.5, 0.1, 0.022  
7.5, 1.601, 0.012, 2.5, 0.1, 0.02, 2.5, 0.1, 0.022  
1, 0, 0, 0, 2, 4  
1, rib, 0, 0.2, 0.014, 0, 0, 0, 0, 0, 0  
0  
0  
2, 0.8, 0, YES, 0.9, 0, YES  
4, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES  
0, 0, 0, 0, 0, 0  
0  
0  
0  
0  
0  
31, TAPERED , G2-단면4 , CT, 0, 0, 0, 0, 0, 0,  
0, 0, YES, NO, CP\_B, 1, 1, CMP-B  
1, 7.5, 7.5, 0.25, 0.05, 7.9867, 0, 0.3, 0.18, 1.2,  
NO, ,  
7.5, 1.601, 0.012, 2.5, 0.1, 0.016, 2.5, 0.1, 0.016  
7.5, 1.906, 0.012, 2.5, 0.1, 0.016, 2.5, 0.1, 0.016  
1, 0, 0, 0, 2, 4  
1, rib, 0, 0.2, 0.014, 0, 0, 0, 0, 0, 0  
0  
0  
2, 0.8, 0, YES, 0.9, 0, YES  
4, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES  
0, 0, 0, 0, 0, 0  
0  
0  
0  
0  
0  
32, TAPERED , G2-단면5 , CT, 0, 0, 0, 0, 0, 0,  
0, 0, YES, NO, CP\_B, 1, 1, CMP-B  
1, 7.5, 7.5, 0.25, 0.05, 7.9867, 0, 0.3, 0.18, 1.2,  
NO, ,  
7.5, 1.906, 0.012, 2.5, 0.1, 0.016, 2.5, 0.1, 0.016  
7.5, 2.085, 0.012, 2.5, 0.1, 0.016, 2.5, 0.1, 0.016  
1, 0, 0, 0, 4, 4  
1, rib, 0, 0.2, 0.014, 0, 0, 0, 0, 0, 0  
0  
0  
4, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES  
4, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES  
0, 0, 0, 0, 0, 0  
0  
0  
0  
0  
0  
33, TAPERED , G2-단면6 , CT, 0, 0, 0, 0, 0, 0,  
0, 0, YES, NO, CP\_B, 1, 1, CMP-B  
1, 7.5, 7.5, 0.25, 0.05, 7.9867, 0, 0.3, 0.18, 1.2,  
NO, ,  
7.5, 2.085, 0.012, 2.5, 0.1, 0.016, 2.5, 0.1, 0.016  
7.5, 2.414, 0.012, 2.5, 0.1, 0.016, 2.5, 0.1, 0.016  
1, 0, 0, 0, 4, 2  
1, rib, 0, 0.2, 0.014, 0, 0, 0, 0, 0, 0  
0  
0  
4, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES



```
4, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES
4, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES
0, 0, 0, 0, 0, 0
0
0
0
0
0
51, TAPERED , G2-단면24 , CT, 0, 0, 0, 0, 0, 0,
0, 0, YES, NO, CP_B, 1, 1, CMP-B
1, 7.5, 7.5, 0.25, 0.05, 7.9867, 0, 0.3, 0.18, 1.2,
NO, ,
7.5, 1.906, 0.012, 2.5, 0.1, 0.016, 2.5, 0.1, 0.016
7.5, 1.601, 0.012, 2.5, 0.1, 0.016, 2.5, 0.1, 0.016
1, 0, 0, 0, 2, 4
1, rib, 0, 0.2, 0.014, 0, 0, 0, 0, 0, 0
0
0
2, 0.8, 0, YES, 0.9, 0, YES
4, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES
0, 0, 0, 0, 0, 0
0
0
0
0
0
52, TAPERED , G2-단면25 , CT, 0, 0, 0, 0, 0, 0,
0, 0, YES, NO, CP_B, 1, 1, CMP-B
1, 7.5, 7.5, 0.25, 0.05, 7.9867, 0, 0.3, 0.18, 1.2,
NO, ,
7.5, 1.601, 0.012, 2.5, 0.1, 0.02, 2.5, 0.1, 0.022
7.5, 1.5, 0.012, 2.5, 0.1, 0.02, 2.5, 0.1, 0.022
1, 0, 0, 0, 2, 4
1, rib, 0, 0.2, 0.014, 0, 0, 0, 0, 0, 0
0
2, 0.8, 0, YES, 0.9, 0, YES
4, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES
0, 0, 0, 0, 0, 0
0
0
0
0
0
53, COMPOSITE , G2-단면26 , CT, 0, 0, 0, 0, 0, 0,
0, YES, NO, B
1.5, 0.012, 2.5, 0.1, 0.02, 2.5, 0.1, 0.022
1, 0, 0, 0, 2, 4
1, rib, 0, 0.2, 0.014, 0, 0, 0, 0, 0, 0
0
0
2, 0.8, 0, YES, 0.9, 0, YES
4, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES
7.5, 1, 7.5, 7.5, 0.25, 0.05, 7.9867, 0, 0.3, 0.18,
1.2, NO, ,
54, COMPOSITE , G2-단면27 , CT, 0, 0, 0, 0, 0, 0,
0, YES, NO, B
1.5, 0.012, 2.5, 0.1, 0.016, 2.5, 0.1, 0.018
1, 0, 0, 0, 2, 4
1, rib, 0, 0.2, 0.014, 0, 0, 0, 0, 0, 0
0
0
2, 0.8, 0, YES, 0.9, 0, YES
4, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES, 0.5, 0, YES
7.5, 1, 7.5, 7.5, 0.25, 0.05, 7.9867, 0, 0.3, 0.18,
1.2, NO, ,
55, DBUSER , 세로보 , CT, 0, 0, 0, 0, 0, 0,
YES, NO, H , 2, 0.824, 0.3, 0.009, 0.012, 0.3, 0.012, 0, 0, 0,
0
56, DBUSER , 가로보 1200 , CT, 0, 0, 0, 0, 0, 0,
YES, NO, H , 2, 1.224, 0.3, 0.009, 0.012, 0.3, 0.012, 0, 0, 0,
0
57, DBUSER , 가로보 1000 , CT, 0, 0, 0, 0, 0, 0,
YES, NO, H , 2, 1.024, 0.3, 0.009, 0.012, 0.3, 0.012, 0, 0, 0,
0
*TS-GROUP : Tapered Section Group
: NAME, ELEM_LIST, ZVAR, ZEXP, ZFROM, ZDIST, YVAR,
YEXP, YFROM, YDIST, iSCM
3, 107 108 507 508, LINEAR, . . . , LINEAR, . . . , 0
4, 109 110 509 510, LINEAR, . . . , LINEAR, . . . , 0
5, 111 511, LINEAR, . . . , LINEAR, . . . , 0
6, 112 512, LINEAR, . . . , LINEAR, . . . , 0
7, 113 114 513 514, LINEAR, . . . , LINEAR, . . . , 0
9, 117to171by18 118to172by18 517to571by18 518to572by18,
LINEAR, . . . , \
LINEAR, . . . , 0
10, 119to173by18 519to573by18, LINEAR, . . . , LINEAR, . .
, 0
11, 120to174by18 520to574by18, LINEAR, . . . , LINEAR, . .
, 0
12, 121to175by18 122to176by18 521to575by18 522to576by18,
LINEAR, . . . , \
LINEAR, . . . , 0
13, 123to177by18 124to178by18 523to577by18 524to578by18,
LINEAR, . . . , \
LINEAR, . . . , 0
14, 125 126to180by18 143 161 181 525 526to580by18 543 561
581, LINEAR, . . . , \
LINEAR, . . . , 0
15, 127 128to182by18 145 163 183 527 528to582by18 545 563
583, LINEAR, . . . , \
LINEAR, . . . , 0
16, 129 147 165 184 529 547 565 584, LINEAR, . . . ,
LINEAR, . . . , 0
17, 130 148 166 185 530 548 566 585, LINEAR, . . . ,
LINEAR, . . . , 0
18, 131 132to186by18 149 167 187 531 532to586by18 549 567
587, LINEAR, . . . , \
LINEAR, . . . , 0
21, 190 191 590 591, LINEAR, . . . , LINEAR, . . . , 0
22, 192 592, LINEAR, . . . , LINEAR, . . . , 0
23, 193 593, LINEAR, . . . , LINEAR, . . . , 0
24, 194 195 594 595, LINEAR, . . . , LINEAR, . . . , 0
25, 196 197 596 597, LINEAR, . . . , LINEAR, . . . , 0
30, 307 308, LINEAR, . . . , LINEAR, . . . , 0
31, 309 310, LINEAR, . . . , LINEAR, . . . , 0
32, 311, LINEAR, . . . , LINEAR, . . . , 0
33, 312, LINEAR, . . . , LINEAR, . . . , 0
34, 313 314, LINEAR, . . . , LINEAR, . . . , 0
36, 317to371by18 318to372by18, LINEAR, . . . , LINEAR, . .
, 0
37, 319to373by18, LINEAR, . . . , LINEAR, . . . , 0
38, 320to374by18, LINEAR, . . . , LINEAR, . . . , 0
39, 321to375by18 322to376by18, LINEAR, . . . , LINEAR, . .
, 0
40, 323to377by18 324to378by18, LINEAR, . . . , LINEAR, . .
, 0
41, 325 326to380by18 343 361 381, LINEAR, . . . , LINEAR,
. . . , 0
42, 327 328to382by18 345 363 383, LINEAR, . . . , LINEAR,
. . . , 0
43, 329 347 365 384, LINEAR, . . . , LINEAR, . . . , 0
44, 330 348 366 385, LINEAR, . . . , LINEAR, . . . , 0
45, 331 332to386by18 349 367 387, LINEAR, . . . , LINEAR,
. . . , 0
48, 390 391, LINEAR, . . . , LINEAR, . . . , 0
49, 392, LINEAR, . . . , LINEAR, . . . , 0
50, 393, LINEAR, . . . , LINEAR, . . . , 0
51, 394 395, LINEAR, . . . , LINEAR, . . . , 0
52, 396 397, LINEAR, . . . , LINEAR, . . . , 0
*STLDCASE : Static Load Cases
: LCNAME, LCTYPE, DESC
합성전, USER,
합성후, USER,
Unit moment, USER,
LC1(S5), USER,
LC2(S5), USER,
LC3(S5), USER,
LC4(S5), USER,
LC1(S6), USER,
LC2(S6), USER,
LC3(S6), USER,
LC4(S6), USER,
LC1(P5-S5), USER,
LC2(P5-S5), USER,
LC3(P5-S5), USER,
LC4(P5-S5), USER,
LC1(P5-S6), USER,
LC2(P5-S6), USER,
LC3(P5-S6), USER,
LC4(P5-S6), USER,
*CONSTRAINT : Supports
: NODE_LIST, CONST(Dx,Dy,Dz,Rx,Ry,Rz), GROUP
2to84by2, 111111,
*ELASTICLINK : Elastic Link
: iNO, iNODE1, iNODE2, LINK, ANGLE, R_SDx, R_SDy,
R_SDz, R_SRx, R_SRy, R_SRz, SDx, SDy, SDz, SRx, SRy, SRz
...
: bSHEAR, DRy, DRz, GROUP
: GEN
: iNO, iNODE1, iNODE2, LINK, ANGLE, bSHEAR, DRy, DRz,
GROUP
RIGID,SADDLE
: iNO, iNODE1, iNODE2, LINK, ANGLE, SDx, bSHEAR, DRy,
DRz, GROUP
TENS,COMP
: iNO, iNODE1, iNODE2, LINK, ANGLE, DIR, FUNCTION,
bSHEAR, DRENDI, GROUP
: MULTI LINEAR
1, 11, 12, GEN , 0, YES, NO, NO, NO, NO,
NO, 0, 0, 0, 0, 0, 0, NO, 0.5, 0.5,
2, 9, 10, GEN , 0, YES, NO, NO, NO, NO,
NO, 0, 0, 0, 0, 0, 0, NO, 0.5, 0.5,
3, 5, 6, GEN , 0, YES, NO, NO, NO, NO,
NO, 0, 0, 0, 0, 0, 0, NO, 0.5, 0.5,
4, 3, 4, GEN , 0, YES, NO, NO, NO, NO,
NO, 0, 0, 0, 0, 0, 0, NO, 0.5, 0.5,
5, 1, 2, GEN , 0, YES, NO, NO, NO, NO,
NO, 0, 0, 0, 0, 0, 0, NO, 0.5, 0.5,
6, 13, 14, GEN , 0, YES, NO, NO, NO, NO,
NO, 0, 0, 0, 0, 0, 0, NO, 0.5, 0.5,
7, 15, 16, GEN , 0, YES, NO, NO, NO, NO,
NO, 0, 0, 0, 0, 0, 0, NO, 0.5, 0.5,
8, 17, 18, GEN , 0, YES, NO, NO, NO, NO,
NO, 0, 0, 0, 0, 0, 0, NO, 0.5, 0.5,
9, 21, 22, GEN , 0, YES, NO, NO, NO, NO,
NO, 0, 0, 0, 0, 0, 0, NO, 0.5, 0.5,
10, 23, 24, GEN , 0, YES, NO, NO, NO, NO,
NO, 0, 0, 0, 0, 0, 0, NO, 0.5, 0.5,
11, 25, 26, GEN , 0, YES, NO, NO, NO, NO,
NO, 0, 0, 0, 0, 0, 0, NO, 0.5, 0.5,
12, 27, 28, GEN , 0, YES, NO, NO, NO, NO,
NO, 0, 0, 0, 0, 0, 0, NO, 0.5, 0.5,
13, 29, 30, GEN , 0, YES, NO, NO, NO, NO,
NO, 0, 0, 0, 0, 0, 0, NO, 0.5, 0.5,
14, 33, 34, GEN , 0, YES, NO, NO, NO, NO,
NO, 0, 0, 0, 0, 0, 0, NO, 0.5, 0.5,
15, 35, 36, GEN , 0, YES, NO, NO, NO, NO,
NO, 0, 0, 0, 0, 0, 0, NO, 0.5, 0.5,
16, 49, 50, GEN , 0, YES, NO, NO, NO, NO,
NO, 0, 0, 0, 0, 0, 0, NO, 0.5, 0.5,
17, 51, 52, GEN , 0, YES, NO, NO, NO, NO,
NO, 0, 0, 0, 0, 0, 0, NO, 0.5, 0.5,
18, 53, 54, GEN , 0, YES, NO, NO, NO, NO,
NO, 0, 0, 0, 0, 0, 0, NO, 0.5, 0.5,
19, 57, 58, GEN , 0, YES, NO, NO, NO, NO,
NO, 0, 0, 0, 0, 0, 0, NO, 0.5, 0.5,
20, 59, 60, GEN , 0, YES, NO, NO, NO, NO,
NO, 0, 0, 0, 0, 0, 0, NO, 0.5, 0.5,
21, 61, 62, GEN , 0, YES, NO, NO, NO, NO,
NO, 0, 0, 0, 0, 0, 0, NO, 0.5, 0.5,
22, 63, 64, GEN , 0, YES, NO, NO, NO, NO,
NO, 0, 0, 0, 0, 0, 0, NO, 0.5, 0.5,
23, 65, 66, GEN , 0, YES, NO, NO, NO, NO,
NO, 0, 0, 0, 0, 0, 0, NO, 0.5, 0.5,
24, 69, 70, GEN , 0, YES, NO, NO, NO, NO,
NO, 0, 0, 0, 0, 0, 0, NO, 0.5, 0.5,
25, 71, 72, GEN , 0, YES, NO, NO, NO, NO,
NO, 0, 0, 0, 0, 0, 0, NO, 0.5, 0.5,
26, 73, 74, GEN , 0, YES, NO, NO, NO, NO,
NO, 0, 0, 0, 0, 0, 0, NO, 0.5, 0.5,
27, 75, 76, GEN , 0, YES, NO, NO, NO, NO,
NO, 0, 0, 0, 0, 0, 0, NO, 0.5, 0.5,
28, 77, 78, GEN , 0, YES, NO, NO, NO, NO,
NO, 0, 0, 0, 0, 0, 0, NO, 0.5, 0.5,
29, 81, 82, GEN , 0, YES, NO, NO, NO, NO,
NO, 0, 0, 0, 0, 0, 0, NO, 0.5, 0.5,
30, 83, 84, GEN , 0, YES, NO, NO, NO, NO,
NO, 0, 0, 0, 0, 0, 0, NO, 0.5, 0.5,
31, 7, 8, GEN , 0, YES, YES, NO, NO, NO,
NO, 0, 0, 0, 0, 0, 0, NO, 0.5, 0.5,
32, 19, 20, GEN , 0, YES, YES, NO, NO, NO,
NO, 0, 0, 0, 0, 0, 0, NO, 0.5, 0.5,
33, 31, 32, GEN , 0, YES, YES, NO, NO, NO,
NO, 0, 0, 0, 0, 0, 0, NO, 0.5, 0.5,
34, 55, 56, GEN , 0, YES, YES, NO, NO, NO,
NO, 0, 0, 0, 0, 0, 0, NO, 0.5, 0.5,
35, 67, 68, GEN , 0, YES, YES, NO, NO, NO,
NO, 0, 0, 0, 0, 0, 0, NO, 0.5, 0.5,
36, 79, 80, GEN , 0, YES, YES, NO, NO, NO,
NO, 0, 0, 0, 0, 0, 0, NO, 0.5, 0.5,
37, 43, 44, GEN , 0, YES, YES, YES, NO, NO,
NO, 0, 0, 0, 0, 0, 0, NO, 0.5, 0.5,
38, 37, 38, GEN , 0, YES, NO, YES, NO, NO,
NO, 0, 0, 0, 0, 0, 0, NO, 0.5, 0.5,
39, 39, 40, GEN , 0, YES, NO, YES, NO, NO,
NO, 0, 0, 0, 0, 0, 0, NO, 0.5, 0.5,
40, 41, 42, GEN , 0, YES, NO, YES, NO, NO,
NO, 0, 0, 0, 0, 0, 0, NO, 0.5, 0.5,
41, 45, 46, GEN , 0, YES, NO, YES, NO, NO,
NO, 0, 0, 0, 0, 0, 0, NO, 0.5, 0.5,
42, 47, 48, GEN , 0, YES, NO, YES, NO, NO,
NO, 0, 0, 0, 0, 0, 0, NO, 0.5, 0.5,
*OFFSET : Beam End Offsets
: ELEM_LIST, TYPE, RGDxi, RGDyi, RGDzi, RGDxj, RGDyj,
RGDzj, GROUP : TYPE=GLOBAL
: ELEM_LIST, TYPE, RGDyi(Mzi), RGDzi(Myi), RGDyj(Mzj),
RGDzj(Myj), GROUP : TYPE=ELEMENT
1001, ELEMENT, 0, 0, 1.25, 1.25,
1002, ELEMENT, 1.25, 1.25, 0, 0,
1003, ELEMENT, 0, 0, 1.25, 1.25,
1004, ELEMENT, 1.25, 1.25, 0, 0,
1005, ELEMENT, 0, 0, 1.25, 1.25,
1006, ELEMENT, 1.25, 1.25, 0, 0,
1007, ELEMENT, 0, 0, 1.25, 1.25,
1008, ELEMENT, 1.25, 1.25, 0, 0,
1009, ELEMENT, 0, 0, 1.25, 1.25,
1010, ELEMENT, 1.25, 1.25, 0, 0,
1011, ELEMENT, 0, 0, 1.25, 1.25,
1012, ELEMENT, 1.25, 1.25, 0, 0,
1013, ELEMENT, 0, 0, 1.25, 1.25,
1014, ELEMENT, 1.25, 1.25, 0, 0,
1015, ELEMENT, 0, 0, 1.25, 1.25,
1016, ELEMENT, 1.25, 1.25, 0, 0,
```

[illegible]

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; M-NODE, DOF, S-NODE LIST, GROUP
102, 111111, 1 3,
116, 111111, 13 15,
134, 111111, 25 27,
152, 111111, 37 39,
170, 111111, 49 51,
189, 111111, 61 63,
203, 111111, 73 75,
302, 111111, 5 7,
316, 111111, 17 19,
334, 111111, 29 31,
352, 111111, 41 43,
370, 111111, 53 55,
389, 111111, 65 67,
403, 111111, 77 79,
502, 111111, 9 11,
516, 111111, 21 23,
534, 111111, 33 35,
552, 111111, 45 47,
570, 111111, 57 59,
589, 111111, 69 71,
603, 111111, 81 83,
*LOADTOMASS      : Load to Mass
; DIR, bNODAL, bBEAM, bFLOOR, bPRES, GRAV
; LCNAME1, FACTOR1, LCNAME2, FACTOR2, ...      : from
line 1
XYZ, YES, YES, YES, YES, 9.806
합성전, 1, 합성후, 1
*USE-STLD, 합성전
*SELFWEIGHT      : Self Weight
; X, Y, Z, GROUP
0, 0, -1,
*BEAMLOAD        : Element Beam Loads
; ELEM_LIST, CMD, TYPE, DIR, bPROJ, [ECCEN], [VALUE],
GROUP
; ELEM_LIST, CMD, TYPE, TYPE, DIR, VX, VY, VZ, bPROJ,
[ECCEN], [VALUE], GROUP
; [VALUE]          : D1, P1, D2, P2, D3, P3, D4, P4
; [ECCEN]          : bECCEN, ECCDIR, I-END, J-END, bJ-END
; [ADDITIONAL]     : bADDITIONAL, ADDITIONAL_I-END,
ADDITIONAL_J-END, bADDITIONAL_J-END
101, BEAM      , UNIMOMENT, LX, NO , NO, aDir[1], . . .
0, 1.33, 1, 1.33, 0, 0, 0, 0, NO, 0, 0, NO,
101, BEAM      , UNILOAD, GZ, NO , NO, aDir[1], . . . 0,
-33.69, 1, -33.69, 0, 0, 0, 0, NO, 0, 0, NO,
102, BEAM      , UNIMOMENT, LX, NO , NO, aDir[1], . . .
0, 1.33, 1, 1.33, 0, 0, 0, 0, NO, 0, 0, NO,
102, BEAM      , UNILOAD, GZ, NO , NO, aDir[1], . . . 0,
-33.69, 1, -33.69, 0, 0, 0, 0, NO, 0, 0, NO,
103, BEAM      , UNILOAD, GZ, NO , NO, aDir[1], . . . 0,
-33.69, 1, -33.69, 0, 0, 0, 0, NO, 0, 0, NO,
103, BEAM      , UNIMOMENT, LX, NO , NO, aDir[1], . . .
0, 1.33, 1, 1.33, 0, 0, 0, 0, NO, 0, 0, NO,
104, BEAM      , UNIMOMENT, LX, NO , NO, aDir[1], . . .
0, 1.33, 1, 1.33, 0, 0, 0, 0, NO, 0, 0, NO,
104, BEAM      , UNILOAD, GZ, NO , NO, aDir[1], . . . 0,
-33.69, 1, -33.69, 0, 0, 0, 0, NO, 0, 0, NO,
105, BEAM      , UNIMOMENT, LX, NO , NO, aDir[1], . . .
0, 1.33, 1, 1.33, 0, 0, 0, 0, NO, 0, 0, NO,
105, BEAM      , UNILOAD, GZ, NO , NO, aDir[1], . . . 0,
-33.69, 1, -33.69, 0, 0, 0, 0, NO, 0, 0, NO,
106, BEAM      , UNIMOMENT, LX, NO , NO, aDir[1], . . .
0, 1.33, 1, 1.33, 0, 0, 0, 0, NO, 0, 0, NO,
106, BEAM      , UNILOAD, GZ, NO , NO, aDir[1], . . . 0,
-33.69, 1, -33.69, 0, 0, 0, 0, NO, 0, 0, NO,
107, BEAM      , UNILOAD, GZ, NO , NO, aDir[1], . . . 0,
-33.69, 1, -33.69, 0, 0, 0, 0, NO, 0, 0, NO,
107, BEAM      , UNIMOMENT, LX, NO , NO, aDir[1], . . .
0, 1.33, 1, 1.33, 0, 0, 0, 0, NO, 0, 0, NO,
108, BEAM      , UNILOAD, GZ, NO , NO, aDir[1], . . . 0,
-33.69, 1, -33.69, 0, 0, 0, 0, NO, 0, 0, NO,

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[illegible]

[illegible]

[illegible]



[illegible]

[illegible]





[illegible]

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382. BEAM      , CONLOAD, GZ, NO , NO, aDir[1], . . .
0.573618, -124.483, 0.0, 0.0, 0.0, 0. , NO, 0.0, NO.
382. BEAM      , CONMOMENT, LX, NO , NO, aDir[1], . . .
0.573618, -40.147, 0.0, 0.0, 0.0, 0. , NO, 0.0, NO.
944. BEAM      , CONLOAD, GZ, NO , NO, aDir[1], . . .
0.7405, -57.034, 0.0, 0.0, 0.0, 0. , NO, 0.0, NO.
945. BEAM      , CONLOAD, GZ, NO , NO, aDir[1], . . . 0.
-85.542, 0.68, -85.542, 0.0, 0.0, 0. , NO, 0.0, NO.
+ End of data for load case [LC3(P5-S5)]
-----
*USE-STLD, LC4(P5-S5)
*BEAMLOAD      : Element Beam Loads
+ ELEM_LIST, CMD, TYPE, DIR, bPROJ, [ECCEN], [VALUE],
GROUP
+ ELEM_LIST, CMD, TYPE, TYPE, DIR, VX, VY, VZ, bPROJ,
[ECCEN], [VALUE], GROUP
+ [VALUE]      : D1, P1, D2, P2, D3, P3, D4, P4
+ [ECCEN]      : bECCEN, ECCDIR, I-END, I-END, bl-END

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ADDITIONAL_J-END, bADDITIONAL_J-END
580, BEAM , CONNMOMENT, LX, NO , NO, aDir[1], . . .
0.7405, 13.209, 0, 0, 0, 0, 0, 0, NO, 0, 0, NO,
580, BEAM , CONLOAD, GZ, NO , NO, aDir[1], . . .
0.7405, -76.208, 0, 0, 0, 0, 0, 0, NO, 0, 0, NO,
581, BEAM , CONLOAD, GZ, NO , NO, aDir[1], . . . , 0,
-114.301, 0, 0, 0, 0, 0, 0, NO, 0, 0, NO,
581, BEAM , CONNMOMENT, LX, NO , NO, aDir[1], . . .
0, 19.811, 0, 0, 0, 0, 0, 0, NO, 0, 0, NO,
582, BEAM , CONNMOMENT, LX, NO , NO, aDir[1], . . .
0.573618, 19.811, 0, 0, 0, 0, 0, 0, NO, 0, 0, NO,
582, BEAM , CONLOAD, GZ, NO , NO, aDir[1], . . .
0.573618, -114.301, 0, 0, 0, 0, 0, 0, NO, 0, 0, NO,
944, BEAM , CONLOAD, GZ, NO , NO, aDir[1], . . .
0.7405, -63.752, 0, 0, 0, 0, 0, 0, NO, 0, 0, NO,
945, BEAM , CONLOAD, GZ, NO , NO, aDir[1], . . . , 0,
-95.619, 0.68, -95.619, 0, 0, 0, 0, 0, NO, 0, 0, NO,
: End of data for load case [LC4(P5-S5)]
-----
*USE-STLD, LC1(P5-S6)
*BEAMLOAD : Element Beam Loads
: ELEM_LIST, CMD, TYPE, DIR, bPROJ, [ECCEN], [VALUE],
GROUP

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[ECCEN], [VALUE], GROUP
: [VALUE]          : D1, P1, D2, P2, D3, P3, D4, P4
: [ECCEN]          : BECCEN, ECCDIR, I-END, J-END, bJ-END
: [ADDITIONAL]     : bADDITIONAL, ADDITIONAL_I-END,
ADDITIONAL_J-END, bADDITIONAL_J-END
193, BEAM , CONLOAD, GZ, NO , NO, aDir[1], . . .
0.64, -76.209, 0, 0, 0, 0, 0, 0, NO, 0, 0, NO,
193, BEAM , CONMOMENT, LX, NO , NO, aDir[1], . . .
0.64, -13.209, 0, 0, 0, 0, 0, 0, NO, 0, 0, NO,
195, BEAM , CONMOMENT, LX, NO , NO, aDir[1], . . .
0, -19.811, 0.346667, -19.811, 0, 0, 0, 0, NO, 0, 0, NO,
195, BEAM , CONLOAD, GZ, NO , NO, aDir[1], . . .
-114.301, 0.346667, -114.301, 0, 0, 0, 0, NO, 0, 0, NO,
751, BEAM , CONLOAD, GZ, NO , NO, aDir[1], . . .
0.32, -63.752, 0, 0, 0, 0, 0, 0, NO, 0, 0, NO,
752, BEAM , CONLOAD, GZ, NO , NO, aDir[1], . . .
-95.619, 0.26, -95.619, 0, 0, 0, 0, NO, 0, 0, NO,
: End of data for load case [LC1(P5-S6)]
-----
*USE-STLD, LC2(P5-S6)
*BEAMLOAD : Element Beam Loads
: ELEM_LIST, CMD, TYPE, DIR, bPROJ, [ECCEN], [VALUE],
GROUP

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[ECCEN], [VALUE], GROUP
: [VALUE]          : D1, P1, D2, P2, D3, P3, D4, P4
: [ECCEN]          : bECCEN, ECCDIR, I-END, J-END, bJ-END
: [ADDITIONAL]     : bADDITIONAL, ADDITIONAL_I-END,
```

|                                                        |                                  |                                                  |                      |                                  |                                  |
|--------------------------------------------------------|----------------------------------|--------------------------------------------------|----------------------|----------------------------------|----------------------------------|
| ADDITIONAL_J-END, bADDITIONAL_J-END                    |                                  | NAME=우측편재하_L1, LANE, , 0, 0, BOTH, 3, 1.8, NO, 3 |                      | 571, 0.25, 0.166667, NO, 0, 0.5, | 572, 0.25, 0.166667, NO, 0, 0.5, |
| 393, BEAM , CONNMOMENT, LX, NO, NO, aDir[1], . . . ,   | 501, 0.25, 0.1875, YES, 0, 0.5,  | 502, 0.25, 0.1875,                               | 0.166667, NO, 0, 0.5 | 573, 0.25, 0.166667, NO, 0, 0.5, | 574, 0.25, 0.166667, NO, 0, 0.5, |
| 0.64, 26.767, 0, 0, 0, 0, 0, . NO, 0, 0, NO,           | NO, 0, 0.5                       |                                                  |                      | 575, 0.25, 0.166667, NO, 0, 0.5, | 576, 0.25, 0.166667, NO, 0, 0.5, |
| 393, BEAM , CONLOAD, GZ, NO, NO, aDir[1], . . . ,      | 503, 0.25, 0.1875, NO, 0, 0.5,   | 504, 0.25, 0.1875,                               | 0.166667, NO, 0, 0.5 | 577, 0.25, 0.166667, NO, 0, 0.5, | 578, 0.25, 0.166667, NO, 0, 0.5, |
| 0.64, -82.996, 0, 0, 0, 0, 0, . NO, 0, 0, NO,          | NO, 0, 0.5                       |                                                  |                      | 580, 0.25, 0.166667, NO, 0, 0.5, | 581, 0.25, 0.166667, NO, 0, 0.5, |
| 395, BEAM , CONLOAD, GZ, NO, NO, aDir[1], . . . ,      | 505, 0.25, 0.1875, NO, 0, 0.5,   | 506, 0.25, 0.1875,                               | 0.166667, NO, 0, 0.5 | 582, 0.25, 0.166667, NO, 0, 0.5, | 583, 0.25, 0.166667, NO, 0, 0.5, |
| -124.483, 0.346667, -124.483, 0, 0, 0, . NO, 0, 0, NO, | NO, 0, 0.5                       |                                                  |                      | 584, 0.25, 0.166667, NO, 0, 0.5, | 585, 0.25, 0.166667, NO, 0, 0.5, |
| 395, BEAM , CONNMOMENT, LX, NO, NO, aDir[1], . . . ,   | 507, 0.25, 0.1875, NO, 0, 0.5,   | 508, 0.25, 0.1875,                               | 0.166667, NO, 0, 0.5 | 586, 0.25, 0.166667, NO, 0, 0.5, | 587, 0.25, 0.166667, NO, 0, 0.5, |
| 0, 40.147, 0.346667, 40.147, 0, 0, 0, . NO, 0, 0, NO,  | NO, 0, 0.5                       |                                                  |                      | 588, 0.25, 0.166667, NO, 0, 0.5, | 589, 0.25, 0.166667, NO, 0, 0.5, |
| 751, BEAM , CONLOAD, GZ, NO, NO, aDir[1], . . . ,      | 509, 0.25, 0.1875, NO, 0, 0.5,   | 510, 0.25, 0.1875,                               | 0.166667, NO, 0, 0.5 | 590, 0.25, 0.1875, NO, 0, 0.5,   | 591, 0.25, 0.1875,               |
| 0.32, -57.034, 0, 0, 0, 0, 0, . NO, 0, 0, NO,          | NO, 0, 0.5                       |                                                  |                      | 592, 0.25, 0.1875, NO, 0, 0.5,   | 593, 0.25, 0.1875,               |
| 752, BEAM , CONLOAD, GZ, NO, NO, aDir[1], . . . ,      | 511, 0.25, 0.1875, NO, 0, 0.5,   | 512, 0.25, 0.1875,                               | 0.166667, NO, 0, 0.5 | 594, 0.25, 0.1875, NO, 0, 0.5,   | 595, 0.25, 0.1875,               |
| -85.542, 0.26, -85.542, 0, 0, 0, . NO, 0, 0, NO,       | NO, 0, 0.5                       |                                                  |                      | 596, 0.25, 0.1875, NO, 0, 0.5,   | 597, 0.25, 0.1875,               |
| : End of data for load case [LC2(P5-S6)]               | 513, 0.25, 0.1875, NO, 0, 0.5,   | 514, 0.25, 0.1875,                               | 0.166667, NO, 0, 0.5 | 598, 0.25, 0.1875, NO, 0, 0.5,   | 599, 0.25, 0.1875,               |
| -----                                                  | NO, 0, 0.5                       |                                                  |                      | 599, 0.25, 0.1875, NO, 0, 0.5,   | 600, 0.25, 0.1875,               |
| *USE-STLD, LC3(P5-S6)                                  | 515, 0.25, 0.1875, NO, 0, 0.5,   | 516, 0.25,                                       | 0.166667, NO, 0, 0.5 | 601, 0.25, 0.1875,               | 0.166667, NO, 0, 0.5,            |
| *BEAMLOAD : Element Beam Loads                         | 0.166667, YES, 0, 0.5            |                                                  |                      | 602, 0.25, 0.1875, NO, 0, 0.5,   | 603, 0.25, 0.1875,               |
| : ELEM_LIST, CMD, TYPE, DIR, bPROJ, [ECCEN], [VALUE],  | 517, 0.25, 0.166667, NO, 0, 0.5, | 518, 0.25,                                       | 0.1875, YES, 0, 0.5  | 604, 0.25, 0.1875, NO, 0, 0.5,   | 605, 0.25, 0.1875,               |
| GROUP                                                  | 0.166667, NO, 0, 0.5             |                                                  |                      | 606, 0.25, 0.1875, NO, 0, 0.5,   | 607, 0.25, 0.1875,               |
| : ELEM_LIST, CMD, TYPE, TYPE, DIR, VX, VY, VZ, bPROJ,  | 519, 0.25, 0.166667, NO, 0, 0.5, | 520, 0.25,                                       | NO, 0, 0.5           | 608, 0.25, 0.1875, NO, 0, 0.5,   | 609, 0.25, 0.1875,               |
| [ECCEN], [VALUE], GROUP                                | 0.166667, NO, 0, 0.5             |                                                  |                      | 610, 0.25, 0.1875, NO, 0, 0.5,   | 611, 0.25, 0.1875,               |
| : [VALUE] : D1, P1, D2, P2, D3, P3, D4, P4             | 521, 0.25, 0.166667, NO, 0, 0.5, | 522, 0.25,                                       | NO, 0, 0.5           | 612, 0.25, 0.1875, NO, 0, 0.5,   | 613, 0.25, 0.1875,               |
| : [ECCEN] : bECCEN, ECCDIR, I-END, J-END, bJ-END       | 0.166667, NO, 0, 0.5             |                                                  |                      | 614, 0.25, 0.1875, NO, 0, 0.5,   | 615, 0.25, 0.1875,               |
| : [ADDITIONAL] : bADDITIONAL, ADDITIONAL_I-END,        | 523, 0.25, 0.166667, NO, 0, 0.5, | 524, 0.25,                                       | NO, 0, 0.5           | 616, 0.25, 0.1875, NO, 0, 0.5,   | 617, 0.25, 0.1875,               |
| ADDITIONAL_J-END, bADDITIONAL_J-END                    | 0.166667, NO, 0, 0.5             |                                                  |                      | 618, 0.25, 0.1875, NO, 0, 0.5,   | 619, 0.25, 0.1875,               |
| 394, BEAM , CONNMOMENT, LX, NO, NO, aDir[1], . . . ,   | 525, 0.25, 0.166667, NO, 0, 0.5, | 526, 0.25,                                       | NO, 0, 0.5           | 620, 0.25, 0.1875, NO, 0, 0.5,   | 621, 0.25, 0.1875,               |
| 0.48, -26.767, 0, 0, 0, 0, 0, . NO, 0, 0, NO,          | 0.166667, NO, 0, 0.5             |                                                  |                      | 622, 0.25, 0.1875, NO, 0, 0.5,   | 623, 0.25, 0.1875,               |
| 394, BEAM , CONLOAD, GZ, NO, NO, aDir[1], . . . ,      | 527, 0.25, 0.166667, NO, 0, 0.5, | 528, 0.25,                                       | NO, 0, 0.5           | 624, 0.25, 0.1875, NO, 0, 0.5,   | 625, 0.25, 0.1875,               |
| 0.48, -82.996, 0, 0, 0, 0, 0, . NO, 0, 0, NO,          | 0.166667, NO, 0, 0.5             |                                                  |                      | 626, 0.25, 0.1875, NO, 0, 0.5,   | 627, 0.25, 0.1875,               |
| 395, BEAM , CONLOAD, GZ, NO, NO, aDir[1], . . . ,      | 529                              |                                                  |                      |                                  |                                  |

|                       |                                   |                                   |                                                |                                    |                                  |                    |
|-----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|------------------------------------|----------------------------------|--------------------|
| 0.1875, NO, 0, 0.5    | 307, -1.75, 0.1875, NO, 0, 0.5,   | 308, -1.75, 0.166667, NO, 0, 0.5, | 377, -1.75, 0.166667, NO, 0, 0.5,              | 378, -1.75, 0.166667, NO, 0, 0.5,  | 311, 5.35, 0.1875, NO, 0, 0.5,   | 312, 5.35, 0.1875, |
| 0.1875, NO, 0, 0.5    | 309, -1.75, 0.1875, NO, 0, 0.5,   | 310, -1.75, 0.166667, NO, 0, 0.5, | 380, -1.75, 0.166667, NO, 0, 0.5,              | 381, -1.75, 0.166667, NO, 0, 0.5,  | 313, 5.35, 0.1875, NO, 0, 0.5,   | 314, 5.35, 0.1875, |
| 0.1875, NO, 0, 0.5    | 311, -1.75, 0.1875, NO, 0, 0.5,   | 312, -1.75, 0.166667, NO, 0, 0.5, | 382, -1.75, 0.166667, NO, 0, 0.5,              | 383, -1.75, 0.166667, NO, 0, 0.5,  | 315, 5.35, 0.1875, NO, 0, 0.5,   | 316, 5.35,         |
| 0.1875, NO, 0, 0.5    | 313, -1.75, 0.1875, NO, 0, 0.5,   | 314, -1.75, 0.166667, NO, 0, 0.5, | 384, -1.75, 0.166667, NO, 0, 0.5,              | 385, -1.75, 0.166667, NO, 0, 0.5,  | 317, 5.35, 0.166667, NO, 0, 0.5, | 318, 5.35,         |
| 0.1875, NO, 0, 0.5    | 315, -1.75, 0.1875, NO, 0, 0.5,   | 316, -1.75, 0.166667, NO, 0, 0.5, | 386, -1.75, 0.166667, NO, 0, 0.5,              | 387, -1.75, 0.166667, YES, 0, 0.5, | 319, 5.35, 0.166667, NO, 0, 0.5, | 320, 5.35,         |
| 0.166667, YES, 0, 0.5 | 317, -1.75, 0.166667, NO, 0, 0.5, | 318, -1.75, 0.1875, YES, 0, 0.5,  | 388, -1.75, 0.166667, NO, 0, 0.5,              | 389, -1.75, 0.166667, NO, 0, 0.5,  | 321, 5.35, 0.166667, NO, 0, 0.5, | 322, 5.35,         |
| 0.166667, NO, 0, 0.5  | 319, -1.75, 0.166667, NO, 0, 0.5, | 320, -1.75, 0.1875, NO, 0, 0.5,   | 390, -1.75, 0.1875, NO, 0, 0.5,                | 391, -1.75, 0.166667, NO, 0, 0.5,  | 323, 5.35, 0.166667, NO, 0, 0.5, | 324, 5.35,         |
| 0.166667, NO, 0, 0.5  | 321, -1.75, 0.166667, NO, 0, 0.5, | 322, -1.75, 0.1875, NO, 0, 0.5,   | 392, -1.75, 0.1875, NO, 0, 0.5,                | 393, -1.75, 0.166667, NO, 0, 0.5,  | 325, 5.35, 0.166667, NO, 0, 0.5, | 326, 5.35,         |
| 0.166667, NO, 0, 0.5  | 323, -1.75, 0.166667, NO, 0, 0.5, | 324, -1.75, 0.1875, NO, 0, 0.5,   | 394, -1.75, 0.1875, NO, 0, 0.5,                | 395, -1.75, 0.166667, NO, 0, 0.5,  | 327, 5.35, 0.166667, NO, 0, 0.5, | 328, 5.35,         |
| 0.166667, NO, 0, 0.5  | 325, -1.75, 0.166667, NO, 0, 0.5, | 326, -1.75, 0.1875, NO, 0, 0.5,   | 396, -1.75, 0.1875, NO, 0, 0.5,                | 397, -1.75, 0.166667, NO, 0, 0.5,  | 329, 5.35, 0.166667, NO, 0, 0.5, | 330, 5.35,         |
| 0.166667, NO, 0, 0.5  | 327, -1.75, 0.166667, NO, 0, 0.5, | 328, -1.75, 0.1875, NO, 0, 0.5,   | 398, -1.75, 0.1875, NO, 0, 0.5,                | 399, -1.75, 0.166667, NO, 0, 0.5,  | 331, 5.35, 0.166667, NO, 0, 0.5, | 332, 5.35,         |
| 0.166667, NO, 0, 0.5  | 329, -1.75, 0.166667, NO, 0, 0.5, | 330, -1.75, 0.1875, NO, 0, 0.5,   | 400, -1.75, 0.1875, NO, 0, 0.5,                | 401, -1.75, 0.166667, NO, 0, 0.5,  | 333, 5.35, 0.166667, NO, 0, 0.5, | 334, 5.35,         |
| 0.166667, NO, 0, 0.5  | 331, -1.75, 0.166667, NO, 0, 0.5, | 332, -1.75, 0.1875, NO, 0, 0.5,   | 402, -1.75, 0.1875, NO, 0, 0.5,                | 403, -1.75, 0.166667, NO, 0, 0.5,  | 335, 5.35, 0.166667, NO, 0, 0.5, | 336, 5.35,         |
| 0.166667, NO, 0, 0.5  | 333, -1.75, 0.166667, NO, 0, 0.5, | 334, -1.75, NO, 3                 | NAME=우측편재하_L4, CROSS, 가로보, 0, 0, BOTH, 3, 1.8, | 0.166667, YES, 0, 0.5              | 337, 5.35, 0.166667, NO, 0, 0.5, | 338, 5.35,         |
| 0.166667, YES, 0, 0.5 | 335, -1.75, 0.166667, NO, 0, 0.5, | 336, -1.75, 0.1875, NO, 0, 0.5,   | 301, -5.35, 0.1875, YES, 0, 0.5,               | 302, -5.35, 0.166667, NO, 0, 0.5,  | 339, 5.35, 0.166667, NO, 0, 0.5, | 340, 5.35,         |
| 0.166667, NO, 0, 0.5  | 337, -1.75, 0.166667, NO, 0, 0.5, | 338, -1.75, 0.1875, NO, 0, 0.5,   | 303, -5.35, 0.1875, NO, 0, 0.5,                | 304, -5.35, 0.166667, NO, 0, 0.5,  | 341, 5.35, 0.166667, NO, 0, 0.5, | 342, 5.35,         |
| 0.166667, NO, 0, 0.5  | 339, -1.75, 0.166667, NO, 0, 0.5, | 340, -1.75, 0.1875, NO, 0, 0.5,   | 305, -5.35, 0.1875, NO, 0, 0.5,                | 306, -5.35, 0.166667, NO, 0, 0.5,  | 343, 5.35, 0.166667, NO, 0, 0.5, | 344, 5.35,         |
| 0.166667, NO, 0, 0.5  | 341, -1.75, 0.166667, NO, 0, 0.5, | 342, -1.75, 0.1875, NO, 0, 0.5,   | 307, -5.35, 0.1875, NO, 0, 0.5,                | 308, -5.35, 0.166667, NO, 0, 0.5,  | 345, 5.35, 0.166667, NO, 0, 0.5, | 346, 5.35,         |
| 0.166667, NO, 0, 0.5  | 343, -1.75, 0.166667, NO, 0, 0.5, | 344, -1.75, 0.1875, NO, 0, 0.5,   | 309, -5.35, 0.1875, NO, 0, 0.5,                | 310, -5.35, 0.166667, NO, 0, 0.5,  | 347, 5.35, 0.166667, NO, 0, 0.5, | 348, 5.35,         |
| 0.166667, NO, 0, 0.5  | 345, -1.75, 0.166667, NO, 0, 0.5, | 346, -1.75, 0.1875, NO, 0, 0.5,   | 311, -5.35, 0.1875, NO, 0, 0.5,                | 312, -5.35, 0.166667, NO, 0, 0.5,  | 349, 5.35,                       |                    |

[illegible]

157, -0.25, 0.166667, NO, 0, 0.5, 158, -0.25, : [TRUCK/LANE] : 5 : [LOADCASE1] : user (Type 2)  
0.166667, NO, 0, 0.5 : GC type load : user (Type 3): line 2 : NAME=NAME, 2, iTYPE, Variable, nDYNAFAC, dDYNAFAC,  
159, -0.25, 0.166667, NO, 0, 0.5, 160, -0.25, : [TRAIN/SUBWAY] : iTYPE, W1, D1, W2, D2 : [LOADCASE2] dEMPTYCAR  
0.166667, NO, 0, 0.5 : train-type1,3 : user (Type 3): line 3 : bFATI, nLOADFAC, dLOADFAC,  
161, -0.25, 0.166667, NO, 0, 0.5, 162, -0.25, : [TRAIN/SUBWAY] : iTYPE, DD, FD, BD, MAINCOUNT : [LOADCASE3] : user (Type 3)  
0.166667, NO, 0, 0.5 : train-type2 : : NAME=NAME, 2, iTYPE, nDYNAFAC, dDYNAFAC,  
163, -0.25, 0.166667, NO, 0, 0.5, 164, -0.25, : [TRAIN/SUBWAY] : 4, P1, D1, P2, D2, P3, D3, P4, dD, Po, : NAME=NAME, 2, 4, WS, V, AN, MINS, MAXS, DYF, UI, F, nLOADFAC, dLOADFAC  
0.166667, NO, 0, 0.5 : subway : P1, D1, P2, D2, ... : user (Type 4)  
165, -0.25, 0.166667, NO, 0, 0.5, 166, -0.25, : [CROWD] : 1, dW1 : NAME=NAME, 2, 5, INT, bPH1, PH1, bPHI2, PHI2  
0.166667, NO, 0, 0.5 : crowd-type1 : user (Type 5)  
167, -0.25, 0.166667, NO, 0, 0.5, 168, -0.25, : [CROWD] : 2, dW1, dL1, dW2, dL2, WIDTH : [VEHICLE1] : b2NDREDUC, 2NDREDUC\_FACT : user (Type 4)  
0.166667, NO, 0, 0.5 : crowd-type2 : : NAME=NAME, 2, iTYPE, nDYNAFAC, dDYNAFAC,  
169, -0.25, 0.166667, NO, 0, 0.5, 170, -0.25, : if Moving Load Type is India : [VEHICLE2] nLOADFAC, dLOADFAC  
0.166667, YES, 0, 0.5 : NAME=NAME, 1, TYPE-NAME, CODE : user (Type 5): line 3  
171, -0.25, 0.166667, NO, 0, 0.5, 172, -0.25, : standard : [VEHICLE3]  
0.166667, NO, 0, 0.5 : NAME=NAME, 2, bWTB, P, D, Pb, Db, dD1, dD2, NDIST : user (Type 5): line 4  
173, -0.25, 0.166667, NO, 0, 0.5, 174, -0.25, : user: line 1 : [AF7] : TF1, TF2, TF3, UF1, UF2, UF3, UF4  
0.166667, NO, 0, 0.5 : NAME=NAME, 2, bWTB, dD1, dD2, NDIST : adjustment factor : NAME=NAME, 2, iTYPE, W, D, nDYNAFAC, dDYNAFAC,  
175, -0.25, 0.166667, NO, 0, 0.5, 176, -0.25, : user: line 1 : [LOAD7] : TL1, TL2, TL3, UL1, UL2, UL3, UL4 : bFATI, nLOADFAC, dLOADFAC : user (Type 6)  
0.166667, NO, 0, 0.5 : LOAD1, DIST1, LOAD2, DIST2, ... : tandem/udl loads : NAME=NAME, 2, iTYPE, P, W, bFATI, nLOADFAC, dLOADFAC : user (Type 7)  
177, -0.25, 0.166667, NO, 0, 0.5, 178, -0.25, : user: from line 2 : [LOADCASE] : bUSE, N, bDF, bUI, PHI, P1, L1, P2, L2, ... : if Moving Load Code is KSCE-LS15  
0.166667, NO, 0, 0.5 : if Moving Load Code is CANADA : [VEHICLE] : bUSE, N, P1, L1, P2, L2, ... : NAME=NAME, 1, TYPE-NAME, nLANETYPE, dDYNAFAC,  
180, -0.25, 0.166667, NO, 0, 0.5, 181, -0.25, : standard : CODE, nLANELOAD, L, CONVERTDIST : standard : user: line 1 (Type 2)  
0.166667, NO, 0, 0.5 : NAME=NAME, 2, bTRAIN, W(W1), PL(D1), PLM(W2), : if Moving Load Code is RUSSIA : NAME=NAME, 1, iTYPE, K, nDYNAFAC, dDYNAFAC, bFATI, nLOADFAC, dLOADFAC : standard (SK) : NAME=NAME, 2, 8, L1, W1, W2, EXP, dDYNAFAC, nLANELOAD, L, CONVERTDIST : user: line 1 (Type 1)  
0.166667, NO, 0, 0.5 : LOAD1, DIST1, LOAD2, DIST2, ... : NAME=NAME, 1, iTYPE, K, nDYNAFAC, dDYNAFAC, bFATI, nLOADFAC, dLOADFAC : standard (SK) : NAME=NAME, 2, 1, W1, W2, D1, D2, 0, 0, 0, NO : user: line 1 (Type 2)  
182, -0.25, 0.166667, NO, 0, 0.5, 183, -0.25, : NAME=NAME, 1, iTYPE, K, nDYNAFAC, dDYNAFAC, dDYNAFAC\_UDL : NAME=NAME, 2, 6, LOADNUM, DIST, W, L, 0, 0, 0, NO : user: line 1 (Type 3)  
0.166667, NO, 0, 0.5 : PLV(D2), NDIST, [DYNA] : user: line 1 : ... : user: from line 2 : if Moving Load Code is South Africa  
184, -0.25, 0.166667, NO, 0, 0.5, 185, -0.25, : NAME=NAME, 1, TYPE-NAME, CODE, bINCREL, dINCREL : NAME=NAME, 1, TYPE-NAME, CODE, bINCREL, dINCREL : standard NA  
0.166667, NO, 0, 0.5 : LOAD1, DIST1, LOAD2, DIST2, ... : NAME=NAME, 1, TYPE-NAME, CODE, UNITNUM : NAME=NAME, 1, TYPE-NAME, CODE, OPPOSITE : standard NB  
186, -0.25, 0.166667, NO, 0, 0.5, 187, -0.25, : [DYNA] : nDYNA, FACT1AXLE, FACT2AXLE, FACT3AXLE : NAME=NAME, 2, TYPE, W1, L, W2, W3, PA, bINCREL, dINCREL : NAME=NAME, 2, TYPE, PB, UNITNUM, DELTA, D1, D2 : user NB  
0.166667, NO, 0, 0.5 : Dynamic Load Allowance : NAME=NAME, 1, iTYPE, K, nDYNAFAC, dDYNAFAC, dDYNAFAC\_UDL : NAME=NAME, 2, TYPE, P, OPPOSITE, NUM1, NUM2, NUM3 : user NC  
188, -0.25, 0.166667, NO, 0, 0.5, 189, -0.25, : if Moving Load Code is BS : NAME=NAME, 1, TYPE-NAME, CODE, UNITNUM : [DIST1], [DIST2], [DIST3]  
0.1875, YES, 0, 0.5 : standard : bFATI, nLOADFAC, dLOADFAC : if Load Type is Permit Truck : NAME=NAME, 3, AXLE-TYPE-NUM, IMP-FACTOR : user (Permit Truck)  
190, -0.25, 0.1875, NO, 0, 0.5, 191, -0.25, : NAME=nLane, FACTOR1, FACTOR2, FACTOR3, FACTOR4, dLOADFAC\_UDL, s1[3], s1\_UDL[3] : standard (AK) : NAME=NAME, 1, iTYPE, VARIABLE, nDYNAFAC, dDYNAFAC, dEMPTYCYCAR : standard (TRAMCARS)  
0.1875, NO, 0, 0.5 : ADL, CA, LL : HA, HA & HB, HA & HB(Auto) : NAME=NAME, 1, iTYPE, K, nDYNAFAC, dDYNAFAC, nLOADFAC, dLOADFAC : bFATI, nLOADFAC, dLOADFAC : NAME=NAME, 1, iTYPE, W, D, nDYNAFAC, dDYNAFAC, bFATI, nLOADFAC, dLOADFAC : standard (NK-80)  
192, -0.25, 0.1875, NO, 0, 0.5, 193, -0.25, : NAME=nLane, FACTOR1, FACTOR2, FACTOR3, FACTOR4, 2NDREDUC\_FACT : standard (N14) : NAME=NAME, 1, iTYPE, W, D, nDYNAFAC, dDYNAFAC, bFATI, nLOADFAC, dLOADFAC : standard (NG-60)  
0.1875, NO, 0, 0.5 : CA, LL : ALL MODEL : NAME=NAME, 1, iTYPE, BRIDGETYPE, W, bFATI, nLOADFAC, dLOADFAC : standard : NAME=NAME, 1, iTYPE, BRIDGETYPE, W, bFATI, nLOADFAC, dLOADFAC : standard  
194, -0.25, 0.1875, NO, 0, 0.5, 195, -0.25, : [BS-DATA-HA] : W1, W2, W3, EXP, EXP2, L1, L2, Pa : [BS-DATA-HA2] : W1, W2, W3, EXP, EXP2, L1, L2 : [BS-DATA-HB] : Pb, D1, D2, d, UNITNUM : [BS-DATA-HB2] : Pb, D1, D2, d, dd, UNITNUM : [BS-DATA-LF] : nLT, LF1, LF2, LF3, LF4 : if Moving Load Code is EUROC  
0.1875, NO, 0, 0.5 : [BS-DATA-HA] : W1, W2, W3, EXP, EXP2, L1, L2, Pa : [BS-DATA-HA2] : W1, W2, W3, EXP, EXP2, L1, L2 : [BS-DATA-HB] : Pb, D1, D2, d, UNITNUM : [BS-DATA-HB2] : Pb, D1, D2, d, dd, UNITNUM : [BS-DATA-LF] : nLT, LF1, LF2, LF3, LF4 : if Moving Load Code is EUROC  
196, -0.25, 0.1875, NO, 0, 0.5, 197, -0.25, : NAME=NAME, 2, iSTYPE, W1, W2, W3, L, Pa, Pb, D1, D2, d, UNITNUM : user (BS 5400) : NAME=NAME, 2, iSTYPE, [BD37/01-HA], [BS-DATA-LF] : NAME=NAME, 1, iTYPE, TYPE-NAME, PSY1, PSY2, PHI, [AF7] : standard (LM1, FLM1)  
0.1875, NO, 0, 0.5 : NAME=NAME, 2, iSTYPE, [BD37/01-HA], [BS-DATA-LF] : NAME=NAME, 1, iTYPE, TYPE-NAME, bDF, bU, PHI, PSY, ADJ, IN : standard (others)  
198, -0.25, 0.1875, NO, 0, 0.5, 199, -0.25, : NAME=NAME, 2, iSTYPE, [BD37/01-HA2], [BS-DATA-HB2], [BS-DATA-LF] : user (HA&HB) : NAME=NAME, 2, iSTYPE, [BD37/01-HA], [BD37/01-HB], [BS-DATA-LF] : user (HA&HB(AUTO)) : if Moving Load Code is EUROC  
0.1875, NO, 0, 0.5 : NAME=NAME, 2, iSTYPE, [BD37/01-HA2], [BS-DATA-HB2], [BS-DATA-LF] : user (HA&HB) : NAME=NAME, 2, iSTYPE, [BD37/01-HA], [BD37/01-HB], [BS-DATA-LF] : user (HA&HB(AUTO)) : if Moving Load Code is EUROC  
200, -0.25, 0.1875, NO, 0, 0.5, 201, -0.25, : NAME=NAME, 2, iSTYPE, [BD37/01-HA2], [BS-DATA-HB2], [BS-DATA-LF] : user (HA&HB) : NAME=NAME, 2, iSTYPE, [BD37/01-HA], [BD37/01-HB], [BS-DATA-LF] : user (HA&HB(AUTO)) : if Moving Load Code is EUROC  
0.1875, NO, 0, 0.5 : NAME=NAME, 2, iSTYPE, [BD37/01-HA2], [BS-DATA-HB2], [BS-DATA-LF] : user (HA&HB) : NAME=NAME, 2, iSTYPE, [BD37/01-HA], [BD37/01-HB], [BS-DATA-LF] : user (HA&HB(AUTO)) : if Moving Load Code is EUROC  
202, -0.25, 0.1875, NO, 0, 0.5, 203, -0.25, : NAME=NAME, 2, iSTYPE, [BD37/01-HA2], [BS-DATA-HB2], [BS-DATA-LF] : user (HA&HB) : NAME=NAME, 2, iSTYPE, [BD37/01-HA], [BD37/01-HB], [BS-DATA-LF] : user (HA&HB(AUTO)) : if Moving Load Code is EUROC  
0.1875, NO, 0, 0.5 : NAME=NAME, 2, iSTYPE, [BD37/01-HA2], [BS-DATA-HB2], [BS-DATA-LF] : user (HA&HB) : NAME=NAME, 2, iSTYPE, [BD37/01-HA], [BD37/01-HB], [BS-DATA-LF] : user (HA&HB(AUTO)) : if Moving Load Code is EUROC  
\*LSUPPORT : Lane Supports - Negative Moments at Interior Piers : iTYPE, ELEM\_LIST, POSITION : (When iTYPE=0) : iTYPE, GRUP-NAME : (When iTYPE=1)  
0, 116to170by18 189 316to370by18 389 516to570by18 589, END-1 : NAME=NAME, 2, iSTYPE, W, L : user (Pedestrian)  
0, 115to169by18 188 315to369by18 388 515to569by18 588, END-0 : NAME=NAME, 2, iSTYPE, V, AN, MINS, MAXS, P1, D1, P2, D2, ... : user (Special Vehicle)  
\*VEHICLE : Vehicles : [BS-DATA-HA] : W1, W2, W3, EXP, EXP2, L1, L2, Pa : [BS-DATA-HA2] : W1, W2, W3, EXP, EXP2, L1, L2 : [BS-DATA-HB] : Pb, D1, D2, d, UNITNUM : [BS-DATA-HB2] : Pb, D1, D2, d, dd, UNITNUM : [BS-DATA-LF] : nLT, LF1, LF2, LF3, LF4 : if Moving Load Code is EUROC  
: if Moving Load Code is China : NAME=NAME, 1, TYPE-NAME, CODE : standard : NAME=NAME, 2, LTTYPE, [TRUCK/LANE] or [TRAIN/SUBWAY] or [CROWD] : user:  
: : LOAD1, DIST1, LOAD2, DIST2, ... : user: from line 2 : : [TRUCK/LANE] : 1, P, Qm, Qq : NAME=NAME, 2, 1, [AF7] : user (Type 1)  
: : [TRUCK/LANE] : 2, P, Qm, Qq : [LOAD7], D, PHI, TPSY, UPSY : user (Type 1): line 2  
: : [TRUCK/LANE] : 3, Qk, Pk1, L1, Pk2, L2 : NAME=NAME, 2, 2, ALP, TPSY, W, BET, LPSY, P1, D1, P2, D2, ... : user (Type 2)  
: : [TRUCK/LANE] : 4, dW, dD : NAME=NAME, 2, 3 : user (Type 3)  
: : crawler type : user (Type 3)

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:      nLTYPE, 2LFACTOR1, 2LFACTOR2, 3LFACTOR1,
3LFACTOR2, 3LFACTOR3, 3LFACTOR4      : 2st
line
:      TYPE1, VCLASS1, SCALE1, iMIN1, iMAX1, LANE11,
LANE12, ...      : 3nd line
:
:      : ...
:      TYPEEn, VCLASSn, SCALEn, iMINn, iMAXn, LANE1,
LANEn2, ...      : n+1th line
:      NAME=NAME, nLCTYPE, VEHICLE, REFLANE, ECCEN,
SCALE, DESC      : Permit
:      NAME=NAME, nLCTYPE, DESC, bOPTIM, SUBLANEW,
MINSPACING, MARGIN, LANE, MINNUM, MAXNUM, SERIAL
: Traffic Lane Optimization
:      TYPE1, VCLASS1, SCALE1...
:      : Traffic Lane
Optimization 1st line
:
:      : Traffic Lane Optimization
...
:      TYPEEn, VCLASSn, SCALEEn...
:      : Traffic Lane
Optimization n+1th line
NAME=우측편재하, 0, 1, 1, 0.9, 0.75, 0.75, 0.75,
INDEPENDENT, , 0, NO, 0
1, 1, 1, 1, 1, 0.5, 0.25
VL, DB-24, 1, 1, 4, 우측편재하_L1, 우측편재하_L2, 우
측편재하_L3, 우측편재하_L4
VL, DL-24, 1, 1, 4, 우측편재하_L1, 우측편재하_L2, 우
측편재하_L3, 우측편재하_L4
NAME=좌측편재하, 0, 1, 1, 0.9, 0.75, 0.75, 0.75,
INDEPENDENT, , 0, NO, 0
1, 1, 1, 1, 1, 0.5, 0.25
VL, DB-24, 1, 1, 4, 좌측편재하_L1, 좌측편재하_L2, 좌
측편재하_L3, 좌측편재하_L4
VL, DL-24, 1, 1, 4, 좌측편재하_L1, 좌측편재하_L2, 좌
측편재하_L3, 좌측편재하_L4
*SM-GROUP : Settlement Group
: GRNAME, DISPLACEMENT, NODE_LIST
A1, -0.01, 2to12by2
P1, -0.01, 14to24by2
P2, -0.01, 26to36by2
P3, -0.01, 38to48by2
P4, -0.01, 50to60by2
P5, -0.01, 62to72by2
A2, -0.01, 74to84by2
*SMLDCASE : Settlement Load Cases
: NAME=NAME, iSMIN, iSMAX, SCALE, DESC : line 1
: GRNAME1, GRNAME2, ... : from line 2
NAME=SET, 1, 6, 1,
A1, P1, P2, P3, P4, P5, A2
*COMBOXLC : Pre-Combined Load Cases for Composite
Section
: LCNAME1, LCNAME2, ..., LCNAMEn
합성전
*LOADCOMB : Combinations
: NAME=NAME, KIND, ACTIVE, bES, iTYPE, DESC,
iSERV-TYPE, nLCOMTYPE, nSEISTYPE : line 1
: ANAL1, LCNAME1, FACT1, ...
: : from line 2
NAME=고정하중, GEN, ACTIVE, 0, 0, , 0, 0, 0
ST, 합성전, 1, ST, 합성후, 1
NAME=MV, GEN, ACTIVE, 0, 1, , 0, 0, 0
MV, 우측편재하, 1, MV, 좌측편재하, 1
NAME=comb1, GEN, ACTIVE, 0, 0, , 0, 0, 0
CB, 고정하중, 1, CB, MV, 1
*LC-COLOR : Diagram Color for Load Case
: ANAL, LCNAME, iR1(ALL), iG1(ALL), iB1(ALL), iR2(MIN),
iG2(MIN), iB2(MIN), iR3(MAX), iG2(MAX), iB2(MAX)
ST, 합성전, 148, 87, 255, 0, 192, 128, 210, 210, 210
ST, 합성후, 163, 255, 160, 192, 0, 128, 192, 0, 128
SM, SET, 0, 128, 128, 192, 0, 192, 160, 192, 255
MV, 우측편재하, 85, 0, 192, 0, 128, 57, 0, 128, 192
MV, 좌측편재하, 85, 0, 192, 255, 87, 87, 160, 255, 255
CB, 고정하중, 163, 160, 255, 255, 255, 87, 0, 157, 192
CB, MV, 146, 0, 255, 255, 87, 87, 128, 192, 0
CB, comb1, 0, 128, 57, 255, 0, 128, 0, 128, 57
ST, Unit moment, 0, 128, 128, 255, 192, 87, 163, 160, 255
ST, LC1(S5), 255, 128, 0, 192, 0, 192, 93, 255, 87
ST, LC2(S5), 0, 192, 128, 0, 128, 128, 192, 128, 0
ST, LC3(S5), 192, 0, 192, 85, 192, 0, 85, 192, 0
ST, LC4(S5), 255, 255, 87, 192, 192, 0, 146, 0, 255
ST, LC1(S6), 212, 160, 255, 160, 192, 255, 255, 255, 87
ST, LC2(S6), 85, 192, 0, 255, 0, 192, 0, 128, 192
ST, LC3(S6), 255, 128, 0, 192, 192, 0, 0, 192, 128
ST, LC4(S6), 255, 255, 87, 210, 210, 210, 78, 0, 255
ST, LC1(P5-S5), 255, 128, 0, 160, 192, 255, 85, 0, 192
ST, LC2(P5-S5), 255, 255, 87, 0, 192, 128, 255, 128, 0
ST, LC3(P5-S5), 146, 0, 255, 0, 192, 128, 192, 0, 128
ST, LC4(P5-S5), 255, 87, 87, 255, 192, 160, 255, 87, 87
ST, LC1(P5-S6), 148, 87, 255, 210, 210, 210, 192, 192, 0
ST, LC2(P5-S6), 148, 87, 255, 210, 210, 210, 255, 87, 128
ST, LC3(P5-S6), 78, 0, 255, 163, 255, 160, 255, 0, 128
ST, LC4(P5-S6), 192, 0, 128, 0, 192, 128, 78, 0, 255
*EIGEN-CTRL : Eigenvalue Analysis Control
: TYPE, iFREQ, iITER, iDIM, TOL, bMINMAX, FRMIN, FRMAX,
bSTRUM : TYPE=EIGEN
: TYPE, bINCNL, iGNUM
: : TYPE=RITZ(line 1)
: KIND1, CASE1/GROUND1, iNOG1, ...
: : TYPE=RITZ(from line2)
LANCZOS, 200, 50, 50, 1e-010, NO, 0, 0, NO
*DGN-MATL : Modify Steel(Concrete) Material
: iMAT, TYPE, MNAME, [DATA1]
: STEEL
: iMAT, TYPE, MNAME, [DATA2], [R-DATA], FCI, bSERV,
SHORT, LONG : CONC
: iMAT, TYPE, MNAME, [DATA3], [DATA2], [R-DATA]
: SRC
: iMAT, TYPE, MNAME, [DATA5]
: STEEL(None) & KSCE-ASD05
: [DATA1] : 1, DB, CODE, NAME or 2, ELAST, POISN, FU,
FY1, FY2, FY3, FY4
: FY5, FY6, AFT, AFT2, AFT3, FY, AFV, AFV2,
AFV3
: [DATA2] : 1, DB, CODE, NAME or 2, FC, CHK, LAMBDA,
bFCI, FCI
: [DATA3] : 1, DB, CODE, NAME or 2, ELAST, FU, FY1,
FY2, FY3, FY4
: FY5, FY6, AFT, AFT2, AFT3, FY, AFV, AFV2,
AFV3
: [DATA4] : 1, DB, CODE, NAME or 2, FC
: [DATA5] : 3, ELAST, POISN, AL1, AL2, AL3, AL4, AL5,
AL6, AL7, AL8, AL9, AL10
: MIN1, MIN2, MIN3
: [R-DATA]: RBCODE, RBMAIN, RBSUB, FY(R), FYS
1, STEEL, SWS50 , 2, 2.1000e+008, 0.3, 0,
0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, , , , 0,
0,NO,0.0000e+000, 0., 0, 0.0, 0, 0.0, 0, 0.0, 0, 0.0, 0,
0.0,0000e+000, 0., 0, 0.0, 0, 0.0, 0, 0.0, 0, 0.0, 0,
0.0,0000e+000, 0., 0, 0.0, 0, 0.0, 0, 0.0, 0, 0.0, 0,
0.0,0000e+000, 2, 2.1000e+008, 0.3, 0,
0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, , , , 0,
0,NO,0.0000e+000, 0., 0, 0.0, 0, 0.0, 0, 0.0, 0, 0.0, 0,
0.0,0000e+000, 0., 0, 0.0, 0, 0.0, 0, 0.0, 0, 0.0, 0,
0.0,0000e+000, 0., 0, 0.0, 0, 0.0, 0, 0.0, 0, 0.0, 0,
0.0,0000e+000, 3, CONC , C27 , 2, 0, NO, 1, NO, 0, , , ,
0, 0, 0, NO, 0, 0, , , , 0, 0, 0
NO, 1, , , , 0, 0, 0
*ENDDATA

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