```
;---------------------------------------------------------------------------
;   MIDAS/Civil Text(MCT) File.
;---------------------------------------------------------------------------

*VERSION
   9.4.0

*UNIT     ; Unit System
   KN    , M, KCAL, C

*STRUCTYPE     ; Structure Type
     0, 1, 3, NO, YES, 9.806, 0, NO, NO, NO

*REBAR-MATL-CODE     ; Rebar Material Code
 KSCE-LSD15(RC), SD300, KSCE-LSD15(RC), SD300

*NODE     ; Nodes
   1001, -1.94717711633447, 7.70785322107414, 0
   1002, -1.55678856326603, 7.80634006757222, 0
   1003, -0.420757664753843, 8.09136733859307, 0
   1004, 0.715821872342076, 8.374222837134, 0
   1005, 1.852930657196, 8.65490166463621, 0
   1006, 2.99059052991303, 8.93339902424572, 0
   1007, 4.17818155033358, 9.221653093833, 0
   1008, 5.3663411086871, 9.50753413478566, 0
   1009, 6.55507890038646, 9.7910445964722, 0
   1010, 7.74437798388534, 10.0721698848913, 0
   1011, 9.23183165878372, 10.4202406356465, 0
   1012, 10.7201506412403, 10.7646002891475, 0
   1013, 12.2093301344011, 11.1052270052892, 0
   1014, 13.6993555442943, 11.4421377256181, 0
   1015, 15.1902099293737, 11.7753178561623, 0
   1016, 16.6819029850522, 12.1047698462014, 0
   1017, 18.1744031758117, 12.4304960433, 0
   1018, 19.6677226463445, 12.7524892013547, 0
   1019, 21.1618420058249, 13.0707444217766, 0
   1020, 22.6567515588401, 13.3852592552964, 0
   1021, 24.1524391606978, 13.6960409480475, 0
   1022, 25.648904811398, 14.0030895000299, 0
   1023, 27.1461315693943, 14.306390317272, 0
   1024, 28.644109739274, 14.6059409504944, 0
   1025, 30.1428344224782, 14.9017607905228, 0
   1026, 31.6422935760194, 15.19381585256, 0
   1027, 33.1424701566466, 15.4821327735649, 0
   1028, 34.6433690629185, 15.766692162712, 0
   1029, 36.1449781501429, 16.0475012661346, 0
   1030, 37.6472780274941, 16.3245551852741, 0
   1031, 39.1503293167287, 16.5978589203939, 0
   1032, 40.654039860572, 16.8674098188052, 0
   1033, 42.1584339484087, 17.1331933882409, 0
   1034, 43.6634775954413, 17.3952216716889, 0
   1035, 44.6672469773039, 17.5678199597313, 0
   1036, 45.6713042470165, 17.7387478823689, 0
   1037, 46.6756397091664, 17.9080029903222, 0
   1038, 47.6802655084456, 18.0755780374579, 0
   1039, 48.6851573554698, 18.2414875160426, 0
```



```
   1040, 49.6903298442106, 18.4057144845303, 0
   1041, 50.6957805253886, 18.5682686383338, 0
   1042, 51.7014900081781, 18.7291450788941, 0
   1043, 53.2104997852526, 18.9673078660662, 0
   1044, 54.7201033983253, 19.2016909761612, 0
   1045, 56.2302765580117, 19.432308901446, 0
   1046, 57.7410338582835, 19.6591447003743, 0
   1047, 59.2523534590356, 19.8822031698002, 0
   1048, 60.7642135201628, 20.1014891065778, 0
   1049, 62.2766286356368, 20.3169855691606, 0
   1050, 63.7895745160731, 20.5287070498157, 0
   1051, 65.3030439153383, 20.7366414038508, 0
   1052, 66.8170246874, 20.9407958773994, 0
   1053, 68.3315192855577, 21.1411607750486, 0
   1054, 69.8465058656863, 21.3377408936525, 0
   1055, 71.3619771829923, 21.5305240885189, 0
   1056, 72.8779283389169, 21.7195297504733, 0
   1057, 74.394354536606, 21.9047360394109, 0
   1058, 75.9112314866752, 22.0861574475984, 0
   1059, 77.4263066921294, 22.2635240541456, 0
   1060, 78.9418132591379, 22.4371008813841, 0
   1061, 80.4547104894332, 22.6046345420753, 0
   1062, 81.9678855986853, 22.7696392339479, 0
   1063, 83.4773305082389, 22.9316903330574, 0
   1064, 84.987050874699, 23.0912221587613, 0
   1065, 86.4970344716859, 23.2482419571928, 0
   1066, 88.0072741347535, 23.4027375836599, 0
   1067, 89.518138364066, 23.5547608798485, 0
   1068, 91.0292683276429, 23.704262453352, 0
   1069, 92.5406324899663, 23.851244651745, 0
   1070, 94.0522502418619, 23.9957123735863, 0
   1071, 95.0597087200885, 24.0905868572442, 0
   1072, 96.0672645508962, 24.1843410630459, 0
   1073, 97.07493957439, 24.2769701941374, 0
   1074, 98.0826998057726, 24.3684862935062, 0
   1075, 99.0905695344285, 24.4588748688855, 0
   1076, 100.098543861799, 24.5481553111008, 0
   1077, 101.106605846338, 24.6363130261805, 0
   1078, 102.114777328149, 24.7233432172707, 0
   1079, 103.627826596003, 24.8518555775661, 0
   1080, 105.141093121056, 24.9778339687794, 0
   1081, 106.654562309338, 25.1012953324569, 0
   1082, 108.168243856261, 25.222242117878, 0
   1083, 109.682111124867, 25.3406572817918, 0
   1084, 111.19618350598, 25.4565457227569, 0
   1085, 112.71044885491, 25.5699146869069, 0
   1086, 114.224897476242, 25.6807617249622, 0
   1087, 115.739529369976, 25.7890868369231, 0
   1088, 117.254337289981, 25.8948778780972, 0
   1089, 118.769328482387, 25.9981469931767, 0
   1090, 120.284481107092, 26.0988989790158, 0
   1091, 121.799800062653, 26.1971144447886, 0
   1092, 123.315280450512, 26.292812781321, 0
   1093, 124.83092471994 8, 26.3859842932, 0
   1094, 126.346713480136, 26.4766240818669, 0
   1095, 127.862656426487, 26.5647345966011, 0
```



```
   1096, 129.378741414311, 26.6503230835361, 0
   1097, 130.894968443607, 26.7333895426718, 0
   1098, 132.41133026824 1, 26.813921829316, 0
   1099, 133.927824438934, 26.8919296388815, 0
   1100, 135.444450955687, 26.9674129713684, 0
   1101, 136.961192876952, 27.040357232805, 0
   1102, 138.478064694997, 27.1107867125758, 0
   1103, 139.995042222142, 27.1786746720169, 0
   1104, 141.512139950654, 27.2440454005128, 0
   1105, 143.029331243573, 27.3068818548125, 0
   1106, 144.546635491726, 27.3671889334748, 0
   1107, 145.557804887072, 27.4059739101449, 0
   1108, 146.569020708656, 27.4436360579748, 0
   1109, 147.580280507198, 27.4801850723772, 0
   1110, 148.59156979043, 27.5155966639678, 0
   1111, 149.6029054999, 27.5498854267181, 0
   1112, 150.614275490915, 27.5830586067617, 0
   1113, 151.625682212755, 27.6151065086856, 0
   1114, 152.637125665419, 27.6460291324898, 0
   1115, 154.154978740141, 27.6903228889047, 0
   1116, 155.672903539165, 27.7320871679776, 0
   1117, 157.190900062492, 27.7713219697082, 0
   1118, 158.708958614709, 27.8080248448173, 0
   1119, 160.227069500403, 27.8421933440255, 0
   1120, 161.745239965707, 27.873839612025, 0
   1121, 163.263462764488, 27.9029515041236, 0
   1122, 164.781735447466, 27.9295387157341, 0
   1123, 166.300038623817, 27.9535963482978, 0
   1124, 167.818384438231, 27.9751171556812, 0
   1125, 169.336772890709, 27.9941011378842, 0
   1126, 170.855179691867, 28.0105627871738, 0
   1127, 172.373616986397, 28.0244948574166, 0
   1128, 173.892075078886, 28.0358948993331, 0
   1129, 175.41054427392, 28.044760463644, 0
   1130, 176.929034266914, 28.0510939996287, 0
   1131, 178.447532913175, 28.0549027534206, 0
   1132, 179.966030517289, 28.0561842757403, 0
   1133, 181.484529528536, 28.0564277460509, 0
   1134, 182.984529528536, 28.0564277460509, 0
   1135, 184.484529528536, 28.0564277460509, 0
   1136, 185.984529528536, 28.0564277460509, 0
   1137, 187.484529528536, 28.0564277460509, 0
   1138, 188.984529528536, 28.0564277460509, 0
   1139, 190.484529528536, 28.0564277460509, 0
   1140, 191.984529528536, 28.0564277460509, 0
   1141, 193.484529528536, 28.0564277460509, 0
   1142, 194.984529528536, 28.0564277460509, 0
   1143, 195.984529528536, 28.0564277460509, 0
   1144, 196.984529528536, 28.0564277460509, 0
   1145, 197.984529528536, 28.0564277460509, 0
   1146, 198.984529528536, 28.0564277460509, 0
   1147, 199.984529528536, 28.0564277460509, 0
   1148, 200.984529528536, 28.0564277460509, 0
   1149, 201.984529528536, 28.0564277460509, 0
   1150, 202.984529528536, 28.0564277460509, 0
   1151, 204.484529528536, 28.0564277460509, 0
```



```
   1152, 205.984529528536, 28.0564277460509, 0
   1153, 207.484529528536, 28.0564277460509, 0
   1154, 208.984529528536, 28.0564277460509, 0
   1155, 210.484529528536, 28.0564277460509, 0
   1156, 211.984529528536, 28.0564277460509, 0
   1157, 213.484529528536, 28.0564277460509, 0
   1158, 214.984529528536, 28.0564277460509, 0
   1159, 216.484529528536, 28.0564277460509, 0
   1160, 217.984529528536, 28.0564277460509, 0
   1161, 219.484529528536, 28.0564277460509, 0
   1162, 220.984529528536, 28.0564277460509, 0
   1163, 222.484529528536, 28.0564277460509, 0
   1164, 223.984529528536, 28.0564277460509, 0
   1165, 225.484529528536, 28.0564277460509, 0
   1166, 226.984529528536, 28.0564277460509, 0
   1167, 228.484529528536, 28.0564277460509, 0
   1168, 229.984529528536, 28.0564277460509, 0
   1169, 231.484529528536, 28.0564277460509, 0
   1170, 232.984529528536, 28.0564277460509, 0
   1171, 234.484529528536, 28.0564277460509, 0
   1172, 235.984529528536, 28.0564277460509, 0
   1173, 237.484529528536, 28.0564277460509, 0
   1174, 238.984529528536, 28.0564277460509, 0
   1175, 240.184529528536, 28.0564277460509, 0
   1176, 241.384529528536, 28.0564277460509, 0
   1177, 242.584529528536, 28.0564277460509, 0
   1178, 243.784529528536, 28.0564277460509, 0
   1179, 244.934529528536, 28.0564277460509, 0
   1180, 246.084529528536, 28.0564277460509, 0
   1181, 247.234529528536, 28.0564277460509, 0
   1182, 248.384529528536, 28.0564277460509, 0
   1183, 248.784529528536, 28.0564277460509, 0
   2001, 0, 0, 0
   2002, 0.385308156731526, 0.0972034240968753, 0
   2003, 1.50656559362479, 0.378529528842847, 0
   2004, 2.62834737971728, 0.657698353375821, 0
   2005, 3.75067045655533, 0.934724491667481, 0
   2006, 4.87352512872607, 1.20960549443842, 0
   2007, 6.04566370351357, 1.49411064095622, 0
   2008, 7.21837316380875, 1.77627429441674, 0
   2009, 8.39164626347813, 2.05608431012774, 0
   2010, 9.56546840855007, 2.33355762963564, 0
   2011, 11.0335715733235, 2.67710100168961, 0
   2012, 12.5025302485376, 3.01697205814088, 0
   2013, 13.9723225940872, 3.35317559584351, 0
   2014, 15.4429607546646, 3.68570436866403, 0
   2015, 16.9144277887235, 4.01454378263079, 0
   2016, 18.3867091022921, 4.33971077929019, 0
   2017, 19.8597949999578, 4.66120290936268, 0
   2018, 21.3336903802792, 4.97900078202269, 0
   2019, 22.8083709538719, 5.29311888953711, 0
   2020, 24.2838294746023, 5.60354508721366, 0
   2021, 25.7600537977783, 5.91028662118583, 0
   2022, 27.2370463726792, 6.21333379604076, 0
   2023, 28.7147975038922, 6.51268416249906, 0
   2024, 30.1932853513122, 6.80834251741481, 0
```

2025, 31.6725099149391, 7.100308860788, 0
2026, 33.1524639486396, 7.38857104792635, 0
2027, 34.6331256123084, 7.67313387568396, 0
2028, 36.114497355225, 7.95398764864799, 0
2029, 37.5965742788307, 8.23115175764417, 0
2030, 39.0793321954455, 8.50459946400861, 0
2031, 40.5628171328545, 8.77435270955104, 0
2032, 42.0469733678598, 9.04038710318235, 0
2033, 43.5317863064899, 9.30271958644883, 0
2034, 45.0172608473035, 9.56133076852475, 0
2035, 46.0079606175922, 9.73168973673572, 0
2036, 46.9989555218644, 9.90039048423412, 0
2037, 47.9902334154279, 10.0674402571533, 0
2038, 48.9817821535904, 10.2328463016268, 0
2039, 49.9735969394978, 10.3965867775495, 0
2040, 50.9656947146965, 10.5586762788931, 0
2041, 51.9580657837736, 10.7191123563781, 0
2042, 52.950688306624, 10.8778998068586, 0
2043, 54.4400699913646, 11.1129606444289, 0
2044, 55.930030816427, 11.3442999773992, 0
2045, 57.4205610863985, 11.5719153564902, 0
2046, 58.911660801279, 11.7958067817018, 0
2047, 60.4033130195222, 12.0159596590624, 0
2048, 61.8955031471565, 12.2323909301184, 0
2049, 63.3882457781534, 12.4450836533233, 0
2050, 64.8815069277157, 12.6540498716647, 0
2051, 66.3752793497098, 12.8592774404505, 0
2052, 67.8695702902694, 13.0607785043728, 0
2053, 69.364353112435, 13.2585360201806, 0
2054, 70.8596375116197, 13.4525524371533, 0
2055, 72.355389503026, 13.6428397982785, 0
2056, 73.8516236806257, 13.8293811620097, 0
2057, 75.3483085089007, 14.0121788759218, 0
2058, 76.8454512339844, 14.1912450847069, 0
2059, 78.3408139528536, 14.3662929259284, 0
2060, 79.836610279147, 14.5376237545429, 0
2061, 81.3363050265531, 14.7036890330289, 0
2062, 82.8362703050777, 14.8672544291877, 0
2063, 84.3325514116888, 15.0278881743934, 0
2064, 85.8290909047261, 15.1860292831525, 0
2065, 87.3258984796026, 15.3416802047444, 0
2066, 88.8229644409053, 15.4948384898898, 0
2067, 90.3206428237607, 15.6455316908902, 0
2068, 91.8185820423217, 15.7937225600312, 0
2069, 93.3167675026168, 15.939428038859, 0
2070, 94.8151919585124, 16.0826359826816, 0
2071, 95.8138556885972, 16.1766811261662, 0
2072, 96.812626466676, 16.2696084410741, 0
2073, 97.8114993941899, 16.3614373182309, 0
2074, 98.8104672250054, 16.4521556129445, 0
2075, 99.8095517992277, 16.5417585283607, 0
2076, 100.808719132059, 16.630258107467, 0
2077, 101.807993512885, 16.7176398579967, 0
2078, 102.807360347733, 16.8039207214959, 0
2079, 104.30720386978, 16.9313042426984, 0
2080, 105.807266996601, 17.0561853303367, 0

2081, 107.307537583506, 17.1785712305444, 0
2082, 108.80800593508, 17.298459494042, 0
2083, 110.30866480519, 17.4158379761374, 0
2084, 111.809531135383, 17.530721270802, 0
2085, 113.3105758342, 17.6431020301979, 0
2086, 114.811811061994, 17.7529730081914, 0
2087, 116.313222209132, 17.8603511463289, 0
2088, 117.814821425526, 17.965229198477, 0
2089, 119.31657962494, 18.0675998167976, 0
2090, 120.818516198197, 18.1674678998492, 0
2091, 122.320611754472, 18.2648285490733, 0
2092, 123.822866293766, 18.3596817644696, 0
2093, 125.325287062212, 18.4520396907307, 0
2094, 126.827844973571, 18.5418949800182, 0
2095, 128.330561867948, 18.6292428354781, 0
2096, 129.833418354518, 18.7140783585516, 0
2097, 131.336409534721, 18.7964209400644, 0
2098, 132.83955000253, 18.8762536384702, 0
2099, 134.342808222427, 18.9535788013436, 0
2100, 135.846193889824, 19.0283988779642, 0
2101, 137.349707004721, 19.1007138683318, 0
2102, 138.853337871706, 19.170521323167, 0
2103, 140.357086490778, 19.23782124247, 0
2104, 141.860940717246, 19.3026208723 74, 0
2105, 143.364893304975, 19.364908068187, 0
2106, 144.868961195512, 19.4246974238805, 0
2107, 145.871305536022, 19.463140483709, 0
2108, 146.873693853489, 19.5004704101101, 0
2109, 147.876123698635, 19.5366968984967, 0
2110, 148.878599970018, 19.571800558043, 0
2111, 149.881108073667, 19.6057983302954, 0
2112, 150.883652908141, 19.6386708244282, 0
2113, 151.88622957488, 19.6704374312671, 0
2114, 152.888850218577, 19.7010909046786, 0
2115, 154.393454485877, 19.7449978770506, 0
2116, 155.898135274334, 19.7863972121856, 0
2117, 157.402880439255, 19.8252961562171, 0
2118, 158.907694879199, 19.8616753183192, 0
2119, 160.412564000195, 19.8955516400384, 0
2120, 161.917487802242, 19.9269251213747, 0
2121, 163.422459039208, 19.9557836176357, 0
2122, 164.927477711091, 19.9821271288215, 0
2123, 166.432538919334, 20.0059750457578, 0
2124, 167.937637867082, 20.0273055283395, 0
2125, 169.442769655777, 20.0461379673923, 0
2126, 170.947929488564, 20.0624505228111, 0
2127, 172.453112466885, 20.0762625854216, 0
2128, 173.958323489298, 20.0875547643982, 0
2129, 175.463545512553, 20.0963536966999, 0
2130, 176.968785884487, 20.1026302960882, 0
2131, 178.474030011129, 20.1064015041095, 0
2132, 179.979277892478, 20.1076673207637, 0
2133, 181.484529528536, 20.1064277460509, 0
2134, 182.984529528536, 20.1064277460509, 0
2135, 184.484529528536, 20.1064277460509, 0
2136, 185.984529528536, 20.1064277460509, 0

2137, 187.484529528536, 20.1064277460509, 0
2138, 188.984529528536, 20.1064277460509, 0
2139, 190.484529528536, 20.1064277460509, 0
2140, 191.984529528536, 20.1064277460509, 0
2141, 193.484529528536, 20.1064277460509, 0
2142, 194.984529528536, 20.1064277460509, 0
2143, 195.984529528536, 20.1064277460509, 0
2144, 196.984529528536, 20.1064277460509, 0
2145, 197.984529528536, 20.1064277460509, 0
2146, 198.984529528536, 20.1064277460509, 0
2147, 199.984529528536, 20.1064277460509, 0
2148, 200.984529528536, 20.1064277460509, 0
2149, 201.984529528536, 20.1064277460509, 0
2150, 202.984529528536, 20.1064277460509, 0
2151, 204.484529528536, 20.1064277460509, 0
2152, 205.984529528536, 20.1064277460509, 0
2153, 207.484529528536, 20.1064277460509, 0
2154, 208.984529528536, 20.1064277460509, 0
2155, 210.484529528536, 20.1064277460509, 0
2156, 211.984529528536, 20.1064277460509, 0
2157, 213.484529528536, 20.1064277460509, 0
2158, 214.984529528536, 20.1064277460509, 0
2159, 216.484529528536, 20.1064277460509, 0
2160, 217.984529528536, 20.1064277460509, 0
2161, 219.484529528536, 20.1064277460509, 0
2162, 220.984529528536, 20.1064277460509, 0
2163, 222.484529528536, 20.1064277460509, 0
2164, 223.984529528536, 20.1064277460509, 0
2165, 225.484529528536, 20.1064277460509, 0
2166, 226.984529528536, 20.1064277460509, 0
2167, 228.484529528536, 20.1064277460509, 0
2168, 229.984529528536, 20.1064277460509, 0
2169, 231.484529528536, 20.1064277460509, 0
2170, 232.984529528536, 20.1064277460509, 0
2171, 234.484529528536, 20.1064277460509, 0
2172, 235.984529528536, 20.1064277460509, 0
2173, 237.484529528536, 20.1064277460509, 0
2174, 238.984529528536, 20.1064277460509, 0
2175, 240.184529528536, 20.1064277460509, 0
2176, 241.384529528536, 20.1064277460509, 0
2177, 242.584529528536, 20.1064277460509, 0
2178, 243.784529528536, 20.1064277460509, 0
2179, 244.934529528536, 20.1064277460509, 0
2180, 246.084529528536, 20.1064277460509, 0
2181, 247.234529528536, 20.1064277460509, 0
2182, 248.384529528536, 20.1064277460509, 0
2183, 248.784529528536, 20.1064277460509, 0
3001, -0.585740203267257, 3.95177174583458, 0
3002, 0.54289789208935, 4.23495205678469, 0
3003, 1.67208462602968, 4.51596059525491, 0
3004, 2.80180540458209, 4.79481430279156, 0
3005, 3.93205298161312, 5.07150103470238, 0
3006, 5.11191655457745, 5.35788549044648, 0
3007, 6.29235591160823, 5.64190906230763, 0
3008, 7.47336135729 26, 5.92356930100641, 0
3009, 8.65492319621771, 6.20286375726346, 0

3010, 10.1326955437075, 6.54867444173476, 0
3011, 11.611340444889, 6.89078617364416, 0
3012, 13.0908263642441, 7.22920130056636, 0
3013, 14.571153301773, 7.56391982250133, 0
3014, 16.052323706755, 7.89493204403627, 0
3015, 17.5343060436722, 8.22224031274578, 0
3016, 19.0171003125244, 8.54584462862991, 0
3017, 20.5007065133119, 8.86574499168867, 0
3018, 21.9851077044881, 9.1819268079 5042, 0
3019, 23.4702892920815, 9.49440701896143, 0
3020, 24.956246479238, 9.80316378461663, 0
3021, 26.4429768166783, 10.1082068003288, 0
3022, 27.9304584642971, 10.4095408629523, 0
3023, 29.4186963206534, 10.707146581661, 0
3024, 30.9076685456419, 11.0010287533093, 0
3025, 32.3973726899833, 11.2911970733099, 0
3026, 33.8878039568236, 11.5776297015577, 0
3027, 35.3789380567782, 11.8603411303197, 0
3028, 36.8707774391265, 12.139321664183, 0
3029, 38.3633099591762, 12.4145785492811, 0
3030, 39.8565696017248, 12.6860997426263, 0
3031, 41.350512686562, 12.953894837927, 0
3032, 42.8451101274493, 13.2179564873448, 0
3033, 44.340364373666, 13.4782749954671, 0
3034, 45.3376098697942, 13.6497512251668, 0
3035, 46.3351286598008, 13.8195740310079, 0
3036, 47.3329377869368, 13.9877167760313, 0
3037, 48.3310202079513, 14.1542060971962, 0
3038, 49.3293783721235, 14.3190322990897, 0
3039, 50.3280122794536, 14.4821953817117, 0
3040, 51.3269219299414, 14.6436953450623, 0
3041, 52.3260903820407, 14.80351759517, 0
3042, 53.8252788159625, 15.0401378783143, 0
3043, 55.3250658827365, 15.2730003244866, 0
3044, 56.8254200468448, 15.5021072812617, 0
3045, 58.326348554421, 15.7274708933316, 0
3046, 59.8278320146392, 15.9490862621377, 0
3047, 61.3298631813661, 16.1669412429877, 0
3048, 62.8324323591887, 16.3810333866022, 0
3049, 64.3355346495483, 16.5913820838069, 0
3050, 65.8391652555908, 16.7979654944968, 0
3051, 67.3433023372111, 17.0007884155258, 0
3052, 68.8479361989964, 17.1998483976146, 0
3053, 70.3530668409466, 17.3951454407632, 0
3054, 71.8586821183694, 17.5866867911051, 0
3055, 73.364777234411, 17.7744506085351, 0
3056, 74.8713254504072, 17.9584610807331, 0
3057, 76.3783413603298, 18.1387012661527, 0
3058, 77.8835603224915, 18.314908490037, 0
3059, 79.3892105445027, 18.4873671655434, 0
3060, 80.8955053087138, 18.6541714829649, 0
3061, 82.4020755026021, 18.8184565269806, 0
3062, 83.9049348876177, 18.9797928767921, 0
3063, 85.4080744991647, 19.138631793303, 0
3064, 86.9114652510045, 19.2949659286 75, 0
3065, 88.4151192878294, 19.4487880367748, 0

```
3066, 89.9193954416197, 19.600147510009, 0
3067, 91.4239227357029, 19.7490022021044, 0
3068, 92.9287036193582, 19.8953424176481, 0
3069, 94.4337138032014, 20.0391826489071, 0
3070, 95.4367809797032, 20.1336388394116, 0
3071, 96.4399455087861, 20.22697475206, 0
3072, 97.4432121873041, 20.3192122269573, 0
3073, 98.4465883630954, 20.410322177865, 0
3074, 99.4500594421883, 20.5003215463295, 0
3075, 100.453625424583, 20.5892103323506, 0
3076, 101.457298454971, 20.676981289795, 0
3077, 102.461068837941, 20.7636319693833, 0
3078, 103.967515232891, 20.8915799101322, 0
3079, 105.474183681895, 21.0170157219042, 0
3080, 106.981052344849, 21.1399442015532, 0
3081, 108.488123671031, 21.2603556536664, 0
3082, 109.995387965029, 21.3782476289646, 0
3083, 111.502862168388, 21.4936347214191, 0
3084, 113.01051719487 1, 21.606509583192, 0
3085, 114.518353044478, 21.7168722142832, 0
3086, 116.026379412621, 21.8247250639721, 0
3087, 117.534579357754, 21.9300535382871, 0
3088, 119.042947981317, 22.0328770280538, 0
3089, 120.551497428005, 22.1331882871389, 0
3090, 122.060210756269, 22.2309727215706, 0
3091, 123.56907092286, 22.3262569683082, 0
3092, 125.07810466644, 22.4190168396718, 0
3093, 126.587278002213, 22.509264378649, 0
3094, 128.096603074871, 22.5969923391064, 0
3095, 129.606077435135, 22.6822104164567, 0
3096, 131.11569383687, 22.7649064660078, 0
3097, 132.625440135386, 22.845087733893, 0
3098, 134.13531633068, 22.9227542201126, 0
3099, 135.645322422755, 22.9979059246662, 0
3100, 137.155448716197, 23.0705403982748, 0
3101, 138.665695211005, 23.1406576409381, 0
3102, 140.176061907181, 23.2082576526562, 0
3103, 141.68653910931, 23.2733379841499, 0
3104, 143.197114672701, 23.3359058815523, 0
3105, 144.707791046634, 23.3959516494508, 0
3106, 145.714558834614, 23.4345632692731, 0
3107, 146.721360904139, 23.4720593063885, 0
3108, 147.72819725521, 23.5084397607972, 0
3109, 148.735080032518, 23.5436973863657, 0
3110, 149.742006786783, 23.5778418785067, 0
3111, 150.748967822594, 23.610870787941, 0
3112, 151.755955893817, 23.6427719699763, 0
3113, 152.762987941998, 23.6735600185842, 0
3114, 154.274215388369, 23.7176652306841, 0
3115, 155.78552425456, 23.7592434147213, 0
3116, 157.296890250873, 23.7983090629626, 0
3117, 158.808325522314, 23.8348549292747, 0
3118, 160.319820373365, 23.8688785643781, 0
3119, 161.831362659335, 23.9003872144063, 0
3120, 163.342964524914, 23.9293736332258, 0
3121, 164.854604129999, 23.9558426176906, 0
```



```
3122, 166.366293619282, 23.9797869216675, 0
3123, 167.878011152657, 24.0012113420103, 0
3124, 169.389763976258, 24.0201280234114, 0
3125, 170.901556988643, 24.036517575045, 0
3126, 172.413368349708, 24.0503847937652, 0
3127, 173.925198059452, 24.0617296795721, 0
3128, 175.437043668597, 24.0705619278784, 0
3129, 176.948907626421, 24.0768718432713, 0
3130, 178.460780237512, 24.0806569764715, 0
3131, 179.972649357177, 24.0819245736123, 0
3132, 181.484529528536, 24.0814277460509, 0
3133, 182.984529528536, 24.0814277460509, 0
3134, 184.484529528536, 24.0814277460509, 0
3135, 185.984529528536, 24.0814277460509, 0
3136, 187.484529528536, 24.0814277460509, 0
3137, 188.984529528536, 24.0814277460509, 0
3138, 190.484529528536, 24.0814277460509, 0
3139, 191.984529528536, 24.0814277460509, 0
3140, 193.484529528536, 24.0814277460509, 0
3141, 194.984529528536, 24.0814277460509, 0
3142, 195.984529528536, 24.0814277460509, 0
3143, 196.984529528536, 24.0814277460509, 0
3144, 197.984529528536, 24.0814277460509, 0
3145, 198.984529528536, 24.0814277460509, 0
3146, 199.984529528536, 24.0814277460509, 0
3147, 200.984529528536, 24.0814277460509, 0
3148, 201.984529528536, 24.0814277460509, 0
3149, 202.984529528536, 24.0814277460509, 0
3150, 204.484529528536, 24.0814277460509, 0
3151, 205.984529528536, 24.0814277460509, 0
3152, 207.484529528536, 24.0814277460509, 0
3153, 208.984529528536, 24.0814277460509, 0
3154, 210.484529528536, 24.0814277460509, 0
3155, 211.984529528536, 24.0814277460509, 0
3156, 213.484529528536, 24.0814277460509, 0
3157, 214.984529528536, 24.0814277460509, 0
3158, 216.484529528536, 24.0814277460509, 0
3159, 217.984529528536, 24.0814277460509, 0
3160, 219.484529528536, 24.0814277460509, 0
3161, 220.984529528536, 24.0814277460509, 0
3162, 222.484529528536, 24.0814277460509, 0
3163, 223.984529528536, 24.0814277460509, 0
3164, 225.484529528536, 24.0814277460509, 0
3165, 226.984529528536, 24.0814277460509, 0
3166, 228.484529528536, 24.0814277460509, 0
3167, 229.984529528536, 24.0814277460509, 0
3168, 231.484529528536, 24.0814277460509, 0
3169, 232.984529528536, 24.0814277460509, 0
3170, 234.484529528536, 24.0814277460509, 0
3171, 235.984529528536, 24.0814277460509, 0
3172, 237.484529528536, 24.0814277460509, 0
3173, 238.984529528536, 24.0814277460509, 0
3174, 240.184529528536, 24.0814277460509, 0
3175, 241.384529528536, 24.0814277460509, 0
3176, 242.584529528536, 24.0814277460509, 0
3177, 243.784529528536, 24.0814277460509, 0
```



```
3178, 244.934529528536, 24.0814277460509, 0
3179, 246.084529528536, 24.0814277460509, 0
3180, 247.234529528536, 24.0814277460509, 0
3181, 248.384529528536, 24.0814277460509, 0
4001, -1.75221966326603, 8.58210206757222, -1.864
4002, -1.36135748923968, 7.03057805812286, -1.864
4003, 0.189877082705171, 0.872965433546233, -1.864
4004, 0.580739256731526, -0.678558575903125, -1.864
4101, 47.5492952084456, 18.8647844374579, -1.878
4102, 47.8112358543237, 17.2863716205424, -1.878
4103, 48.8508118077123, 11.0220527185423, -1.878
4104, 49.1127524535904, 9.44363990162683, -1.878
4201, 98.0094627057726, 25.1651269935062, -1.874
4202, 98.155936906914, 23.5718456423865, -1.874
4203, 98.737230123864, 17.2487962640641, -1.874
4204, 98.8837043250054, 15.6555149129445, -1.874
4301, 148.56268254043, 28.3150749639678, -1.874
4302, 148.620457036835, 26.7161183797129, -1.874
4303, 148.849712723613, 20.3712788422979, -1.874
4304, 148.907487220018, 18.772322258043, -1.874
4401, 198.984529528536, 28.8564277460509, -1.878
4402, 198.984529528536, 27.2564277460509, -1.878
4403, 198.984529528536, 20.9064277460509, -1.878
4404, 198.984529528536, 19.3064277460509, -1.878
4501, 248.384529528536, 28.8564277460509, -1.864
4502, 248.384529528536, 27.2564277460509, -1.864
4503, 248.384529528536, 20.9064277460509, -1.864
4504, 248.384529528536, 19.3064277460509, -1.864
5001, -1.75221966326603, 8.58210206757222, -1.986
5002, -1.36135748923968, 7.03057805812286, -1.986
5003, 0.189877082705171, 0.872965433546233, -1.986
5004, 0.580739256731526, -0.678558575903125, -1.986
5101, 47.5492952084456, 18.8647844374579, -2.024
5102, 47.8112358543237, 17.2863716205424, -2.024
5103, 48.8508118077123, 11.0220527185423, -2.024
5104, 49.1127524535904, 9.44363990162683, -2.024
5201, 98.0094627057726, 25.1651269935062, -2.02
5202, 98.155936906914, 23.5718456423865, -2.02
5203, 98.737230123864, 17.2487962640641, -2.02
5204, 98.8837043250054, 15.6555149129445, -2.02
5301, 148.56268254043, 28.3150749639678, -2.02
5302, 148.620457036835, 26.7161183797129, -2.02
5303, 148.849712723613, 20.3712788422979, -2.02
5304, 148.907487220018, 18.772322258043, -2.02
5401, 198.984529528536, 28.8564277460509, -2.024
5402, 198.984529528536, 27.2564277460509, -2.024
5403, 198.984529528536, 20.9064277460509, -2.024
5404, 198.984529528536, 19.3064277460509, -2.024
5501, 248.384529528536, 28.8564277460509, -1.986
5502, 248.384529528536, 27.2564277460509, -1.986
5503, 248.384529528536, 20.9064277460509, -1.986
5504, 248.384529528536, 19.3064277460509, -1.986

*ELEMENT    ; Elements
  1001, BEAM  ,    1,   101,  1001,  1002,     0,     0
  1002, BEAM  ,    1,   101,  1002,  1003,     0,     0
```



```
  1003, BEAM  ,    1,   101,  1003,  1004,     0,     0
  1004, BEAM  ,    1,   101,  1004,  1005,     0,     0
  1005, BEAM  ,    1,   101,  1005,  1006,     0,     0
  1006, BEAM  ,    1,   101,  1006,  1007,     0,     0
  1007, BEAM  ,    1,   101,  1007,  1008,     0,     0
  1008, BEAM  ,    1,   101,  1008,  1009,     0,     0
  1009, BEAM  ,    1,   101,  1009,  1010,     0,     0
  1010, BEAM  ,    1,   102,  1010,  1011,     0,     0
  1011, BEAM  ,    1,   102,  1011,  1012,     0,     0
  1012, BEAM  ,    1,   102,  1012,  1013,     0,     0
  1013, BEAM  ,    1,   102,  1013,  1014,     0,     0
  1014, BEAM  ,    1,   103,  1014,  1015,     0,     0
  1015, BEAM  ,    1,   103,  1015,  1016,     0,     0
  1016, BEAM  ,    1,   103,  1016,  1017,     0,     0
  1017, BEAM  ,    1,   103,  1017,  1018,     0,     0
  1018, BEAM  ,    1,   104,  1018,  1019,     0,     0
  1019, BEAM  ,    1,   104,  1019,  1020,     0,     0
  1020, BEAM  ,    1,   104,  1020,  1021,     0,     0
  1021, BEAM  ,    1,   104,  1021,  1022,     0,     0
  1022, BEAM  ,    1,   104,  1022,  1023,     0,     0
  1023, BEAM  ,    1,   104,  1023,  1024,     0,     0
  1024, BEAM  ,    1,   104,  1024,  1025,     0,     0
  1025, BEAM  ,    1,   104,  1025,  1026,     0,     0
  1026, BEAM  ,    1,   105,  1026,  1027,     0,     0
  1027, BEAM  ,    1,   105,  1027,  1028,     0,     0
  1028, BEAM  ,    1,   105,  1028,  1029,     0,     0
  1029, BEAM  ,    1,   105,  1029,  1030,     0,     0
  1030, BEAM  ,    1,   105,  1030,  1031,     0,     0
  1031, BEAM  ,    1,   105,  1031,  1032,     0,     0
  1032, BEAM  ,    1,   105,  1032,  1033,     0,     0
  1033, BEAM  ,    1,   105,  1033,  1034,     0,     0
  1034, BEAM  ,    1,   106,  1034,  1035,     0,     0
  1035, BEAM  ,    1,   106,  1035,  1036,     0,     0
  1036, BEAM  ,    1,   106,  1036,  1037,     0,     0
  1037, BEAM  ,    1,   106,  1037,  1038,     0,     0
  1038, BEAM  ,    1,   106,  1038,  1039,     0,     0
  1039, BEAM  ,    1,   106,  1039,  1040,     0,     0
  1040, BEAM  ,    1,   106,  1040,  1041,     0,     0
  1041, BEAM  ,    1,   106,  1041,  1042,     0,     0
  1042, BEAM  ,    1,   105,  1042,  1043,     0,     0
  1043, BEAM  ,    1,   105,  1043,  1044,     0,     0
  1044, BEAM  ,    1,   105,  1044,  1045,     0,     0
  1045, BEAM  ,    1,   105,  1045,  1046,     0,     0
  1046, BEAM  ,    1,   105,  1046,  1047,     0,     0
  1047, BEAM  ,    1,   107,  1047,  1048,     0,     0
  1048, BEAM  ,    1,   107,  1048,  1049,     0,     0
  1049, BEAM  ,    1,   107,  1049,  1050,     0,     0
  1050, BEAM  ,    1,   107,  1050,  1051,     0,     0
  1051, BEAM  ,    1,   108,  1051,  1052,     0,     0
  1052, BEAM  ,    1,   108,  1052,  1053,     0,     0
  1053, BEAM  ,    1,   108,  1053,  1054,     0,     0
  1054, BEAM  ,    1,   108,  1054,  1055,     0,     0
  1055, BEAM  ,    1,   108,  1055,  1056,     0,     0
  1056, BEAM  ,    1,   108,  1056,  1057,     0,     0
  1057, BEAM  ,    1,   108,  1057,  1058,     0,     0
  1058, BEAM  ,    1,   108,  1058,  1059,     0,     0
```

1059,	BEAM	,	1,	108,	1059,	1060,	0,	0
1060,	BEAM	,	1,	108,	1060,	1061,	0,	0
1061,	BEAM	,	1,	107,	1061,	1062,	0,	0
1062,	BEAM	,	1,	107,	1062,	1063,	0,	0
1063,	BEAM	,	1,	107,	1063,	1064,	0,	0
1064,	BEAM	,	1,	107,	1064,	1065,	0,	0
1065,	BEAM	,	1,	105,	1065,	1066,	0,	0
1066,	BEAM	,	1,	105,	1066,	1067,	0,	0
1067,	BEAM	,	1,	105,	1067,	1068,	0,	0
1068,	BEAM	,	1,	105,	1068,	1069,	0,	0
1069,	BEAM	,	1,	105,	1069,	1070,	0,	0
1070,	BEAM	,	1,	109,	1070,	1071,	0,	0
1071,	BEAM	,	1,	109,	1071,	1072,	0,	0
1072,	BEAM	,	1,	109,	1072,	1073,	0,	0
1073,	BEAM	,	1,	109,	1073,	1074,	0,	0
1074,	BEAM	,	1,	109,	1074,	1075,	0,	0
1075,	BEAM	,	1,	109,	1075,	1076,	0,	0
1076,	BEAM	,	1,	109,	1076,	1077,	0,	0
1077,	BEAM	,	1,	109,	1077,	1078,	0,	0
1078,	BEAM	,	1,	110,	1078,	1079,	0,	0
1079,	BEAM	,	1,	110,	1079,	1080,	0,	0
1080,	BEAM	,	1,	110,	1080,	1081,	0,	0
1081,	BEAM	,	1,	110,	1081,	1082,	0,	0
1082,	BEAM	,	1,	110,	1082,	1083,	0,	0
1083,	BEAM	,	1,	111,	1083,	1084,	0,	0
1084,	BEAM	,	1,	111,	1084,	1085,	0,	0
1085,	BEAM	,	1,	111,	1085,	1086,	0,	0
1086,	BEAM	,	1,	111,	1086,	1087,	0,	0
1087,	BEAM	,	1,	101,	1087,	1088,	0,	0
1088,	BEAM	,	1,	101,	1088,	1089,	0,	0
1089,	BEAM	,	1,	101,	1089,	1090,	0,	0
1090,	BEAM	,	1,	112,	1090,	1091,	0,	0
1091,	BEAM	,	1,	112,	1091,	1092,	0,	0
1092,	BEAM	,	1,	112,	1092,	1093,	0,	0
1093,	BEAM	,	1,	112,	1093,	1094,	0,	0
1094,	BEAM	,	1,	101,	1094,	1095,	0,	0
1095,	BEAM	,	1,	101,	1095,	1096,	0,	0
1096,	BEAM	,	1,	101,	1096,	1097,	0,	0
1097,	BEAM	,	1,	111,	1097,	1098,	0,	0
1098,	BEAM	,	1,	111,	1098,	1099,	0,	0
1099,	BEAM	,	1,	111,	1099,	1100,	0,	0
1100,	BEAM	,	1,	111,	1100,	1101,	0,	0
1101,	BEAM	,	1,	110,	1101,	1102,	0,	0
1102,	BEAM	,	1,	110,	1102,	1103,	0,	0
1103,	BEAM	,	1,	110,	1103,	1104,	0,	0
1104,	BEAM	,	1,	110,	1104,	1105,	0,	0
1105,	BEAM	,	1,	110,	1105,	1106,	0,	0
1106,	BEAM	,	1,	109,	1106,	1107,	0,	0
1107,	BEAM	,	1,	109,	1107,	1108,	0,	0
1108,	BEAM	,	1,	109,	1108,	1109,	0,	0
1109,	BEAM	,	1,	109,	1109,	1110,	0,	0
1110,	BEAM	,	1,	109,	1110,	1111,	0,	0
1111,	BEAM	,	1,	109,	1111,	1112,	0,	0
1112,	BEAM	,	1,	109,	1112,	1113,	0,	0
1113,	BEAM	,	1,	109,	1113,	1114,	0,	0
1114,	BEAM	,	1,	105,	1114,	1115,	0,	0

1115,	BEAM	,	1,	105,	1115,	1116,	0,	0
1116,	BEAM	,	1,	105,	1116,	1117,	0,	0
1117,	BEAM	,	1,	105,	1117,	1118,	0,	0
1118,	BEAM	,	1,	105,	1118,	1119,	0,	0
1119,	BEAM	,	1,	107,	1119,	1120,	0,	0
1120,	BEAM	,	1,	107,	1120,	1121,	0,	0
1121,	BEAM	,	1,	107,	1121,	1122,	0,	0
1122,	BEAM	,	1,	107,	1122,	1123,	0,	0
1123,	BEAM	,	1,	108,	1123,	1124,	0,	0
1124,	BEAM	,	1,	108,	1124,	1125,	0,	0
1125,	BEAM	,	1,	108,	1125,	1126,	0,	0
1126,	BEAM	,	1,	108,	1126,	1127,	0,	0
1127,	BEAM	,	1,	108,	1127,	1128,	0,	0
1128,	BEAM	,	1,	108,	1128,	1129,	0,	0
1129,	BEAM	,	1,	108,	1129,	1130,	0,	0
1130,	BEAM	,	1,	108,	1130,	1131,	0,	0
1131,	BEAM	,	1,	108,	1131,	1132,	0,	0
1132,	BEAM	,	1,	108,	1132,	1133,	0,	0
1133,	BEAM	,	1,	107,	1133,	1134,	0,	0
1134,	BEAM	,	1,	107,	1134,	1135,	0,	0
1135,	BEAM	,	1,	107,	1135,	1136,	0,	0
1136,	BEAM	,	1,	107,	1136,	1137,	0,	0
1137,	BEAM	,	1,	105,	1137,	1138,	0,	0
1138,	BEAM	,	1,	105,	1138,	1139,	0,	0
1139,	BEAM	,	1,	105,	1139,	1140,	0,	0
1140,	BEAM	,	1,	105,	1140,	1141,	0,	0
1141,	BEAM	,	1,	105,	1141,	1142,	0,	0
1142,	BEAM	,	1,	106,	1142,	1143,	0,	0
1143,	BEAM	,	1,	106,	1143,	1144,	0,	0
1144,	BEAM	,	1,	106,	1144,	1145,	0,	0
1145,	BEAM	,	1,	106,	1145,	1146,	0,	0
1146,	BEAM	,	1,	106,	1146,	1147,	0,	0
1147,	BEAM	,	1,	106,	1147,	1148,	0,	0
1148,	BEAM	,	1,	106,	1148,	1149,	0,	0
1149,	BEAM	,	1,	106,	1149,	1150,	0,	0
1150,	BEAM	,	1,	105,	1150,	1151,	0,	0
1151,	BEAM	,	1,	105,	1151,	1152,	0,	0
1152,	BEAM	,	1,	105,	1152,	1153,	0,	0
1153,	BEAM	,	1,	105,	1153,	1154,	0,	0
1154,	BEAM	,	1,	105,	1154,	1155,	0,	0
1155,	BEAM	,	1,	105,	1155,	1156,	0,	0
1156,	BEAM	,	1,	105,	1156,	1157,	0,	0
1157,	BEAM	,	1,	105,	1157,	1158,	0,	0
1158,	BEAM	,	1,	104,	1158,	1159,	0,	0
1159,	BEAM	,	1,	104,	1159,	1160,	0,	0
1160,	BEAM	,	1,	104,	1160,	1161,	0,	0
1161,	BEAM	,	1,	104,	1161,	1162,	0,	0
1162,	BEAM	,	1,	104,	1162,	1163,	0,	0
1163,	BEAM	,	1,	104,	1163,	1164,	0,	0
1164,	BEAM	,	1,	104,	1164,	1165,	0,	0
1165,	BEAM	,	1,	104,	1165,	1166,	0,	0
1166,	BEAM	,	1,	103,	1166,	1167,	0,	0
1167,	BEAM	,	1,	103,	1167,	1168,	0,	0
1168,	BEAM	,	1,	103,	1168,	1169,	0,	0
1169,	BEAM	,	1,	103,	1169,	1170,	0,	0
1170,	BEAM	,	1,	102,	1170,	1171,	0,	0

1171,	BEAM	,	1,	102,	1171,	1172,	0,	0
1172,	BEAM	,	1,	102,	1172,	1173,	0,	0
1173,	BEAM	,	1,	102,	1173,	1174,	0,	0
1174,	BEAM	,	1,	101,	1174,	1175,	0,	0
1175,	BEAM	,	1,	101,	1175,	1176,	0,	0
1176,	BEAM	,	1,	101,	1176,	1177,	0,	0
1177,	BEAM	,	1,	101,	1177,	1178,	0,	0
1178,	BEAM	,	1,	101,	1178,	1179,	0,	0
1179,	BEAM	,	1,	101,	1179,	1180,	0,	0
1180,	BEAM	,	1,	101,	1180,	1181,	0,	0
1181,	BEAM	,	1,	101,	1181,	1182,	0,	0
1182,	BEAM	,	1,	101,	1182,	1183,	0,	0
2001,	BEAM	,	1,	101,	2001,	2002,	0,	0
2002,	BEAM	,	1,	101,	2002,	2003,	0,	0
2003,	BEAM	,	1,	101,	2003,	2004,	0,	0
2004,	BEAM	,	1,	101,	2004,	2005,	0,	0
2005,	BEAM	,	1,	101,	2005,	2006,	0,	0
2006,	BEAM	,	1,	101,	2006,	2007,	0,	0
2007,	BEAM	,	1,	101,	2007,	2008,	0,	0
2008,	BEAM	,	1,	101,	2008,	2009,	0,	0
2009,	BEAM	,	1,	101,	2009,	2010,	0,	0
2010,	BEAM	,	1,	102,	2010,	2011,	0,	0
2011,	BEAM	,	1,	102,	2011,	2012,	0,	0
2012,	BEAM	,	1,	102,	2012,	2013,	0,	0
2013,	BEAM	,	1,	102,	2013,	2014,	0,	0
2014,	BEAM	,	1,	103,	2014,	2015,	0,	0
2015,	BEAM	,	1,	103,	2015,	2016,	0,	0
2016,	BEAM	,	1,	103,	2016,	2017,	0,	0
2017,	BEAM	,	1,	103,	2017,	2018,	0,	0
2018,	BEAM	,	1,	104,	2018,	2019,	0,	0
2019,	BEAM	,	1,	104,	2019,	2020,	0,	0
2020,	BEAM	,	1,	104,	2020,	2021,	0,	0
2021,	BEAM	,	1,	104,	2021,	2022,	0,	0
2022,	BEAM	,	1,	104,	2022,	2023,	0,	0
2023,	BEAM	,	1,	104,	2023,	2024,	0,	0
2024,	BEAM	,	1,	104,	2024,	2025,	0,	0
2025,	BEAM	,	1,	104,	2025,	2026,	0,	0
2026,	BEAM	,	1,	105,	2026,	2027,	0,	0
2027,	BEAM	,	1,	105,	2027,	2028,	0,	0
2028,	BEAM	,	1,	105,	2028,	2029,	0,	0
2029,	BEAM	,	1,	105,	2029,	2030,	0,	0
2030,	BEAM	,	1,	105,	2030,	2031,	0,	0
2031,	BEAM	,	1,	105,	2031,	2032,	0,	0
2032,	BEAM	,	1,	105,	2032,	2033,	0,	0
2033,	BEAM	,	1,	105,	2033,	2034,	0,	0
2034,	BEAM	,	1,	106,	2034,	2035,	0,	0
2035,	BEAM	,	1,	106,	2035,	2036,	0,	0
2036,	BEAM	,	1,	106,	2036,	2037,	0,	0
2037,	BEAM	,	1,	106,	2037,	2038,	0,	0
2038,	BEAM	,	1,	106,	2038,	2039,	0,	0
2039,	BEAM	,	1,	106,	2039,	2040,	0,	0
2040,	BEAM	,	1,	106,	2040,	2041,	0,	0
2041,	BEAM	,	1,	106,	2041,	2042,	0,	0
2042,	BEAM	,	1,	105,	2042,	2043,	0,	0
2043,	BEAM	,	1,	105,	2043,	2044,	0,	0
2044,	BEAM	,	1,	105,	2044,	2045,	0,	0

2045,	BEAM	,	1,	105,	2045,	2046,	0,	0
2046,	BEAM	,	1,	105,	2046,	2047,	0,	0
2047,	BEAM	,	1,	107,	2047,	2048,	0,	0
2048,	BEAM	,	1,	107,	2048,	2049,	0,	0
2049,	BEAM	,	1,	107,	2049,	2050,	0,	0
2050,	BEAM	,	1,	107,	2050,	2051,	0,	0
2051,	BEAM	,	1,	108,	2051,	2052,	0,	0
2052,	BEAM	,	1,	108,	2052,	2053,	0,	0
2053,	BEAM	,	1,	108,	2053,	2054,	0,	0
2054,	BEAM	,	1,	108,	2054,	2055,	0,	0
2055,	BEAM	,	1,	108,	2055,	2056,	0,	0
2056,	BEAM	,	1,	108,	2056,	2057,	0,	0
2057,	BEAM	,	1,	108,	2057,	2058,	0,	0
2058,	BEAM	,	1,	108,	2058,	2059,	0,	0
2059,	BEAM	,	1,	108,	2059,	2060,	0,	0
2060,	BEAM	,	1,	108,	2060,	2061,	0,	0
2061,	BEAM	,	1,	107,	2061,	2062,	0,	0
2062,	BEAM	,	1,	107,	2062,	2063,	0,	0
2063,	BEAM	,	1,	107,	2063,	2064,	0,	0
2064,	BEAM	,	1,	107,	2064,	2065,	0,	0
2065,	BEAM	,	1,	105,	2065,	2066,	0,	0
2066,	BEAM	,	1,	105,	2066,	2067,	0,	0
2067,	BEAM	,	1,	105,	2067,	2068,	0,	0
2068,	BEAM	,	1,	105,	2068,	2069,	0,	0
2069,	BEAM	,	1,	105,	2069,	2070,	0,	0
2070,	BEAM	,	1,	109,	2070,	2071,	0,	0
2071,	BEAM	,	1,	109,	2071,	2072,	0,	0
2072,	BEAM	,	1,	109,	2072,	2073,	0,	0
2073,	BEAM	,	1,	109,	2073,	2074,	0,	0
2074,	BEAM	,	1,	109,	2074,	2075,	0,	0
2075,	BEAM	,	1,	109,	2075,	2076,	0,	0
2076,	BEAM	,	1,	109,	2076,	2077,	0,	0
2077,	BEAM	,	1,	109,	2077,	2078,	0,	0
2078,	BEAM	,	1,	110,	2078,	2079,	0,	0
2079,	BEAM	,	1,	110,	2079,	2080,	0,	0
2080,	BEAM	,	1,	110,	2080,	2081,	0,	0
2081,	BEAM	,	1,	110,	2081,	2082,	0,	0
2082,	BEAM	,	1,	110,	2082,	2083,	0,	0
2083,	BEAM	,	1,	111,	2083,	2084,	0,	0
2084,	BEAM	,	1,	111,	2084,	2085,	0,	0
2085,	BEAM	,	1,	111,	2085,	2086,	0,	0
2086,	BEAM	,	1,	111,	2086,	2087,	0,	0
2087,	BEAM	,	1,	101,	2087,	2088,	0,	0
2088,	BEAM	,	1,	101,	2088,	2089,	0,	0
2089,	BEAM	,	1,	101,	2089,	2090,	0,	0
2090,	BEAM	,	1,	112,	2090,	2091,	0,	0
2091,	BEAM	,	1,	112,	2091,	2092,	0,	0
2092,	BEAM	,	1,	112,	2092,	2093,	0,	0
2093,	BEAM	,	1,	112,	2093,	2094,	0,	0
2094,	BEAM	,	1,	101,	2094,	2095,	0,	0
2095,	BEAM	,	1,	101,	2095,	2096,	0,	0
2096,	BEAM	,	1,	101,	2096,	2097,	0,	0
2097,	BEAM	,	1,	111,	2097,	2098,	0,	0
2098,	BEAM	,	1,	111,	2098,	2099,	0,	0
2099,	BEAM	,	1,	111,	2099,	2100,	0,	0
2100,	BEAM	,	1,	111,	2100,	2101,	0,	0

```
2101, BEAM  ,    1,  110, 2101, 2102,    0,    0
2102, BEAM  ,    1,  110, 2102, 2103,    0,    0
2103, BEAM  ,    1,  110, 2103, 2104,    0,    0
2104, BEAM  ,    1,  110, 2104, 2105,    0,    0
2105, BEAM  ,    1,  110, 2105, 2106,    0,    0
2106, BEAM  ,    1,  109, 2106, 2107,    0,    0
2107, BEAM  ,    1,  109, 2107, 2108,    0,    0
2108, BEAM  ,    1,  109, 2108, 2109,    0,    0
2109, BEAM  ,    1,  109, 2109, 2110,    0,    0
2110, BEAM  ,    1,  109, 2110, 2111,    0,    0
2111, BEAM  ,    1,  109, 2111, 2112,    0,    0
2112, BEAM  ,    1,  109, 2112, 2113,    0,    0
2113, BEAM  ,    1,  109, 2113, 2114,    0,    0
2114, BEAM  ,    1,  105, 2114, 2115,    0,    0
2115, BEAM  ,    1,  105, 2115, 2116,    0,    0
2116, BEAM  ,    1,  105, 2116, 2117,    0,    0
2117, BEAM  ,    1,  105, 2117, 2118,    0,    0
2118, BEAM  ,    1,  105, 2118, 2119,    0,    0
2119, BEAM  ,    1,  107, 2119, 2120,    0,    0
2120, BEAM  ,    1,  107, 2120, 2121,    0,    0
2121, BEAM  ,    1,  107, 2121, 2122,    0,    0
2122, BEAM  ,    1,  107, 2122, 2123,    0,    0
2123, BEAM  ,    1,  108, 2123, 2124,    0,    0
2124, BEAM  ,    1,  108, 2124, 2125,    0,    0
2125, BEAM  ,    1,  108, 2125, 2126,    0,    0
2126, BEAM  ,    1,  108, 2126, 2127,    0,    0
2127, BEAM  ,    1,  108, 2127, 2128,    0,    0
2128, BEAM  ,    1,  108, 2128, 2129,    0,    0
2129, BEAM  ,    1,  108, 2129, 2130,    0,    0
2130, BEAM  ,    1,  108, 2130, 2131,    0,    0
2131, BEAM  ,    1,  108, 2131, 2132,    0,    0
2132, BEAM  ,    1,  108, 2132, 2133,    0,    0
2133, BEAM  ,    1,  107, 2133, 2134,    0,    0
2134, BEAM  ,    1,  107, 2134, 2135,    0,    0
2135, BEAM  ,    1,  107, 2135, 2136,    0,    0
2136, BEAM  ,    1,  107, 2136, 2137,    0,    0
2137, BEAM  ,    1,  105, 2137, 2138,    0,    0
2138, BEAM  ,    1,  105, 2138, 2139,    0,    0
2139, BEAM  ,    1,  105, 2139, 2140,    0,    0
2140, BEAM  ,    1,  105, 2140, 2141,    0,    0
2141, BEAM  ,    1,  105, 2141, 2142,    0,    0
2142, BEAM  ,    1,  106, 2142, 2143,    0,    0
2143, BEAM  ,    1,  106, 2143, 2144,    0,    0
2144, BEAM  ,    1,  106, 2144, 2145,    0,    0
2145, BEAM  ,    1,  106, 2145, 2146,    0,    0
2146, BEAM  ,    1,  106, 2146, 2147,    0,    0
2147, BEAM  ,    1,  106, 2147, 2148,    0,    0
2148, BEAM  ,    1,  106, 2148, 2149,    0,    0
2149, BEAM  ,    1,  106, 2149, 2150,    0,    0
2150, BEAM  ,    1,  105, 2150, 2151,    0,    0
2151, BEAM  ,    1,  105, 2151, 2152,    0,    0
2152, BEAM  ,    1,  105, 2152, 2153,    0,    0
2153, BEAM  ,    1,  105, 2153, 2154,    0,    0
2154, BEAM  ,    1,  105, 2154, 2155,    0,    0
2155, BEAM  ,    1,  105, 2155, 2156,    0,    0
2156, BEAM  ,    1,  105, 2156, 2157,    0,    0
```



```
2157, BEAM  ,    1,  105, 2157, 2158,    0,    0
2158, BEAM  ,    1,  104, 2158, 2159,    0,    0
2159, BEAM  ,    1,  104, 2159, 2160,    0,    0
2160, BEAM  ,    1,  104, 2160, 2161,    0,    0
2161, BEAM  ,    1,  104, 2161, 2162,    0,    0
2162, BEAM  ,    1,  104, 2162, 2163,    0,    0
2163, BEAM  ,    1,  104, 2163, 2164,    0,    0
2164, BEAM  ,    1,  104, 2164, 2165,    0,    0
2165, BEAM  ,    1,  104, 2165, 2166,    0,    0
2166, BEAM  ,    1,  103, 2166, 2167,    0,    0
2167, BEAM  ,    1,  103, 2167, 2168,    0,    0
2168, BEAM  ,    1,  103, 2168, 2169,    0,    0
2169, BEAM  ,    1,  103, 2169, 2170,    0,    0
2170, BEAM  ,    1,  102, 2170, 2171,    0,    0
2171, BEAM  ,    1,  102, 2171, 2172,    0,    0
2172, BEAM  ,    1,  102, 2172, 2173,    0,    0
2173, BEAM  ,    1,  102, 2173, 2174,    0,    0
2174, BEAM  ,    1,  101, 2174, 2175,    0,    0
2175, BEAM  ,    1,  101, 2175, 2176,    0,    0
2176, BEAM  ,    1,  101, 2176, 2177,    0,    0
2177, BEAM  ,    1,  101, 2177, 2178,    0,    0
2178, BEAM  ,    1,  101, 2178, 2179,    0,    0
2179, BEAM  ,    1,  101, 2179, 2180,    0,    0
2180, BEAM  ,    1,  101, 2180, 2181,    0,    0
2181, BEAM  ,    1,  101, 2181, 2182,    0,    0
2182, BEAM  ,    1,  101, 2182, 2183,    0,    0
3001, BEAM  ,    1,  201, 3001, 3002,    0,    0
3002, BEAM  ,    1,  201, 3002, 3003,    0,    0
3003, BEAM  ,    1,  201, 3003, 3004,    0,    0
3004, BEAM  ,    1,  201, 3004, 3005,    0,    0
3005, BEAM  ,    1,  201, 3005, 3006,    0,    0
3006, BEAM  ,    1,  201, 3006, 3007,    0,    0
3007, BEAM  ,    1,  201, 3007, 3008,    0,    0
3008, BEAM  ,    1,  201, 3008, 3009,    0,    0
3009, BEAM  ,    1,  201, 3009, 3010,    0,    0
3010, BEAM  ,    1,  201, 3010, 3011,    0,    0
3011, BEAM  ,    1,  201, 3011, 3012,    0,    0
3012, BEAM  ,    1,  201, 3012, 3013,    0,    0
3013, BEAM  ,    1,  201, 3013, 3014,    0,    0
3014, BEAM  ,    1,  201, 3014, 3015,    0,    0
3015, BEAM  ,    1,  201, 3015, 3016,    0,    0
3016, BEAM  ,    1,  201, 3016, 3017,    0,    0
3017, BEAM  ,    1,  201, 3017, 3018,    0,    0
3018, BEAM  ,    1,  201, 3018, 3019,    0,    0
3019, BEAM  ,    1,  201, 3019, 3020,    0,    0
3020, BEAM  ,    1,  201, 3020, 3021,    0,    0
3021, BEAM  ,    1,  201, 3021, 3022,    0,    0
3022, BEAM  ,    1,  201, 3022, 3023,    0,    0
3023, BEAM  ,    1,  201, 3023, 3024,    0,    0
3024, BEAM  ,    1,  201, 3024, 3025,    0,    0
3025, BEAM  ,    1,  201, 3025, 3026,    0,    0
3026, BEAM  ,    1,  201, 3026, 3027,    0,    0
3027, BEAM  ,    1,  201, 3027, 3028,    0,    0
3028, BEAM  ,    1,  201, 3028, 3029,    0,    0
3029, BEAM  ,    1,  201, 3029, 3030,    0,    0
3030, BEAM  ,    1,  201, 3030, 3031,    0,    0
```



```
3031, BEAM  ,    1,  201, 3031, 3032,    0,    0
3032, BEAM  ,    1,  201, 3032, 3033,    0,    0
3033, BEAM  ,    1,  201, 3033, 3034,    0,    0
3034, BEAM  ,    1,  201, 3034, 3035,    0,    0
3035, BEAM  ,    1,  201, 3035, 3036,    0,    0
3036, BEAM  ,    1,  201, 3036, 3037,    0,    0
3037, BEAM  ,    1,  201, 3037, 3038,    0,    0
3038, BEAM  ,    1,  201, 3038, 3039,    0,    0
3039, BEAM  ,    1,  201, 3039, 3040,    0,    0
3040, BEAM  ,    1,  201, 3040, 3041,    0,    0
3041, BEAM  ,    1,  201, 3041, 3042,    0,    0
3042, BEAM  ,    1,  201, 3042, 3043,    0,    0
3043, BEAM  ,    1,  201, 3043, 3044,    0,    0
3044, BEAM  ,    1,  201, 3044, 3045,    0,    0
3045, BEAM  ,    1,  201, 3045, 3046,    0,    0
3046, BEAM  ,    1,  201, 3046, 3047,    0,    0
3047, BEAM  ,    1,  201, 3047, 3048,    0,    0
3048, BEAM  ,    1,  201, 3048, 3049,    0,    0
3049, BEAM  ,    1,  201, 3049, 3050,    0,    0
3050, BEAM  ,    1,  201, 3050, 3051,    0,    0
3051, BEAM  ,    1,  201, 3051, 3052,    0,    0
3052, BEAM  ,    1,  201, 3052, 3053,    0,    0
3053, BEAM  ,    1,  201, 3053, 3054,    0,    0
3054, BEAM  ,    1,  201, 3054, 3055,    0,    0
3055, BEAM  ,    1,  201, 3055, 3056,    0,    0
3056, BEAM  ,    1,  201, 3056, 3057,    0,    0
3057, BEAM  ,    1,  201, 3057, 3058,    0,    0
3058, BEAM  ,    1,  201, 3058, 3059,    0,    0
3059, BEAM  ,    1,  201, 3059, 3060,    0,    0
3060, BEAM  ,    1,  201, 3060, 3061,    0,    0
3061, BEAM  ,    1,  201, 3061, 3062,    0,    0
3062, BEAM  ,    1,  201, 3062, 3063,    0,    0
3063, BEAM  ,    1,  201, 3063, 3064,    0,    0
3064, BEAM  ,    1,  201, 3064, 3065,    0,    0
3065, BEAM  ,    1,  201, 3065, 3066,    0,    0
3066, BEAM  ,    1,  201, 3066, 3067,    0,    0
3067, BEAM  ,    1,  201, 3067, 3068,    0,    0
3068, BEAM  ,    1,  201, 3068, 3069,    0,    0
3069, BEAM  ,    1,  201, 3069, 3070,    0,    0
3070, BEAM  ,    1,  201, 3070, 3071,    0,    0
3071, BEAM  ,    1,  201, 3071, 3072,    0,    0
3072, BEAM  ,    1,  201, 3072, 3073,    0,    0
3073, BEAM  ,    1,  201, 3073, 3074,    0,    0
3074, BEAM  ,    1,  201, 3074, 3075,    0,    0
3075, BEAM  ,    1,  201, 3075, 3076,    0,    0
3076, BEAM  ,    1,  201, 3076, 3077,    0,    0
3077, BEAM  ,    1,  201, 3077, 3078,    0,    0
3078, BEAM  ,    1,  201, 3078, 3079,    0,    0
3079, BEAM  ,    1,  201, 3079, 3080,    0,    0
3080, BEAM  ,    1,  201, 3080, 3081,    0,    0
3081, BEAM  ,    1,  201, 3081, 3082,    0,    0
3082, BEAM  ,    1,  201, 3082, 3083,    0,    0
3083, BEAM  ,    1,  201, 3083, 3084,    0,    0
3084, BEAM  ,    1,  201, 3084, 3085,    0,    0
3085, BEAM  ,    1,  201, 3085, 3086,    0,    0
3086, BEAM  ,    1,  201, 3086, 3087,    0,    0
```



```
3087, BEAM  ,    1,  201, 3087, 3088,    0,    0
3088, BEAM  ,    1,  201, 3088, 3089,    0,    0
3089, BEAM  ,    1,  201, 3089, 3090,    0,    0
3090, BEAM  ,    1,  201, 3090, 3091,    0,    0
3091, BEAM  ,    1,  201, 3091, 3092,    0,    0
3092, BEAM  ,    1,  201, 3092, 3093,    0,    0
3093, BEAM  ,    1,  201, 3093, 3094,    0,    0
3094, BEAM  ,    1,  201, 3094, 3095,    0,    0
3095, BEAM  ,    1,  201, 3095, 3096,    0,    0
3096, BEAM  ,    1,  201, 3096, 3097,    0,    0
3097, BEAM  ,    1,  201, 3097, 3098,    0,    0
3098, BEAM  ,    1,  201, 3098, 3099,    0,    0
3099, BEAM  ,    1,  201, 3099, 3100,    0,    0
3100, BEAM  ,    1,  201, 3100, 3101,    0,    0
3101, BEAM  ,    1,  201, 3101, 3102,    0,    0
3102, BEAM  ,    1,  201, 3102, 3103,    0,    0
3103, BEAM  ,    1,  201, 3103, 3104,    0,    0
3104, BEAM  ,    1,  201, 3104, 3105,    0,    0
3105, BEAM  ,    1,  201, 3105, 3106,    0,    0
3106, BEAM  ,    1,  201, 3106, 3107,    0,    0
3107, BEAM  ,    1,  201, 3107, 3108,    0,    0
3108, BEAM  ,    1,  201, 3108, 3109,    0,    0
3109, BEAM  ,    1,  201, 3109, 3110,    0,    0
3110, BEAM  ,    1,  201, 3110, 3111,    0,    0
3111, BEAM  ,    1,  201, 3111, 3112,    0,    0
3112, BEAM  ,    1,  201, 3112, 3113,    0,    0
3113, BEAM  ,    1,  201, 3113, 3114,    0,    0
3114, BEAM  ,    1,  201, 3114, 3115,    0,    0
3115, BEAM  ,    1,  201, 3115, 3116,    0,    0
3116, BEAM  ,    1,  201, 3116, 3117,    0,    0
3117, BEAM  ,    1,  201, 3117, 3118,    0,    0
3118, BEAM  ,    1,  201, 3118, 3119,    0,    0
3119, BEAM  ,    1,  201, 3119, 3120,    0,    0
3120, BEAM  ,    1,  201, 3120, 3121,    0,    0
3121, BEAM  ,    1,  201, 3121, 3122,    0,    0
3122, BEAM  ,    1,  201, 3122, 3123,    0,    0
3123, BEAM  ,    1,  201, 3123, 3124,    0,    0
3124, BEAM  ,    1,  201, 3124, 3125,    0,    0
3125, BEAM  ,    1,  201, 3125, 3126,    0,    0
3126, BEAM  ,    1,  201, 3126, 3127,    0,    0
3127, BEAM  ,    1,  201, 3127, 3128,    0,    0
3128, BEAM  ,    1,  201, 3128, 3129,    0,    0
3129, BEAM  ,    1,  201, 3129, 3130,    0,    0
3130, BEAM  ,    1,  201, 3130, 3131,    0,    0
3131, BEAM  ,    1,  201, 3131, 3132,    0,    0
3132, BEAM  ,    1,  201, 3132, 3133,    0,    0
3133, BEAM  ,    1,  201, 3133, 3134,    0,    0
3134, BEAM  ,    1,  201, 3134, 3135,    0,    0
3135, BEAM  ,    1,  201, 3135, 3136,    0,    0
3136, BEAM  ,    1,  201, 3136, 3137,    0,    0
3137, BEAM  ,    1,  201, 3137, 3138,    0,    0
3138, BEAM  ,    1,  201, 3138, 3139,    0,    0
3139, BEAM  ,    1,  201, 3139, 3140,    0,    0
3140, BEAM  ,    1,  201, 3140, 3141,    0,    0
3141, BEAM  ,    1,  201, 3141, 3142,    0,    0
3142, BEAM  ,    1,  201, 3142, 3143,    0,    0
```

```
  3143, BEAM  ,    1,   201,  3143,  3144,     0,     0
  3144, BEAM  ,    1,   201,  3144,  3145,     0,     0
  3145, BEAM  ,    1,   201,  3145,  3146,     0,     0
  3146, BEAM  ,    1,   201,  3146,  3147,     0,     0
  3147, BEAM  ,    1,   201,  3147,  3148,     0,     0
  3148, BEAM  ,    1,   201,  3148,  3149,     0,     0
  3149, BEAM  ,    1,   201,  3149,  3150,     0,     0
  3150, BEAM  ,    1,   201,  3150,  3151,     0,     0
  3151, BEAM  ,    1,   201,  3151,  3152,     0,     0
  3152, BEAM  ,    1,   201,  3152,  3153,     0,     0
  3153, BEAM  ,    1,   201,  3153,  3154,     0,     0
  3154, BEAM  ,    1,   201,  3154,  3155,     0,     0
  3155, BEAM  ,    1,   201,  3155,  3156,     0,     0
  3156, BEAM  ,    1,   201,  3156,  3157,     0,     0
  3157, BEAM  ,    1,   201,  3157,  3158,     0,     0
  3158, BEAM  ,    1,   201,  3158,  3159,     0,     0
  3159, BEAM  ,    1,   201,  3159,  3160,     0,     0
  3160, BEAM  ,    1,   201,  3160,  3161,     0,     0
  3161, BEAM  ,    1,   201,  3161,  3162,     0,     0
  3162, BEAM  ,    1,   201,  3162,  3163,     0,     0
  3163, BEAM  ,    1,   201,  3163,  3164,     0,     0
  3164, BEAM  ,    1,   201,  3164,  3165,     0,     0
  3165, BEAM  ,    1,   201,  3165,  3166,     0,     0
  3166, BEAM  ,    1,   201,  3166,  3167,     0,     0
  3167, BEAM  ,    1,   201,  3167,  3168,     0,     0
  3168, BEAM  ,    1,   201,  3168,  3169,     0,     0
  3169, BEAM  ,    1,   201,  3169,  3170,     0,     0
  3170, BEAM  ,    1,   201,  3170,  3171,     0,     0
  3171, BEAM  ,    1,   201,  3171,  3172,     0,     0
  3172, BEAM  ,    1,   201,  3172,  3173,     0,     0
  3173, BEAM  ,    1,   201,  3173,  3174,     0,     0
  3174, BEAM  ,    1,   201,  3174,  3175,     0,     0
  3175, BEAM  ,    1,   201,  3175,  3176,     0,     0
  3176, BEAM  ,    1,   201,  3176,  3177,     0,     0
  3177, BEAM  ,    1,   201,  3177,  3178,     0,     0
  3178, BEAM  ,    1,   201,  3178,  3179,     0,     0
  3179, BEAM  ,    1,   201,  3179,  3180,     0,     0
  3180, BEAM  ,    1,   201,  3180,  3181,     0,     0
  4001, BEAM  ,    2,   302,  1002,  3001,     0,     0
  4002, BEAM  ,    2,   301,  1006,  3005,     0,     0
  4003, BEAM  ,    2,   301,  1010,  3009,     0,     0
  4004, BEAM  ,    2,   301,  1014,  3013,     0,     0
  4005, BEAM  ,    2,   301,  1018,  3017,     0,     0
  4006, BEAM  ,    2,   301,  1022,  3021,     0,     0
  4007, BEAM  ,    2,   301,  1026,  3025,     0,     0
  4008, BEAM  ,    2,   301,  1030,  3029,     0,     0
  4009, BEAM  ,    2,   301,  1034,  3033,     0,     0
  4010, BEAM  ,    2,   302,  1038,  3037,     0,     0
  4011, BEAM  ,    2,   301,  1042,  3041,     0,     0
  4012, BEAM  ,    2,   301,  1046,  3045,     0,     0
  4013, BEAM  ,    2,   301,  1050,  3049,     0,     0
  4014, BEAM  ,    2,   301,  1054,  3053,     0,     0
  4015, BEAM  ,    2,   301,  1058,  3057,     0,     0
  4016, BEAM  ,    2,   301,  1062,  3061,     0,     0
  4017, BEAM  ,    2,   301,  1066,  3065,     0,     0
  4018, BEAM  ,    2,   301,  1070,  3069,     0,     0
```



```
  4019, BEAM  ,    2,   302,  1074,  3073,     0,     0
  4020, BEAM  ,    2,   301,  1078,  3077,     0,     0
  4021, BEAM  ,    2,   301,  1082,  3081,     0,     0
  4022, BEAM  ,    2,   301,  1086,  3085,     0,     0
  4023, BEAM  ,    2,   301,  1090,  3089,     0,     0
  4024, BEAM  ,    2,   301,  1094,  3093,     0,     0
  4025, BEAM  ,    2,   301,  1098,  3097,     0,     0
  4026, BEAM  ,    2,   301,  1102,  3101,     0,     0
  4027, BEAM  ,    2,   301,  1106,  3105,     0,     0
  4028, BEAM  ,    2,   302,  1110,  3109,     0,     0
  4029, BEAM  ,    2,   301,  1114,  3113,     0,     0
  4030, BEAM  ,    2,   301,  1118,  3117,     0,     0
  4031, BEAM  ,    2,   301,  1122,  3121,     0,     0
  4032, BEAM  ,    2,   301,  1126,  3125,     0,     0
  4033, BEAM  ,    2,   301,  1130,  3129,     0,     0
  4034, BEAM  ,    2,   301,  1134,  3133,     0,     0
  4035, BEAM  ,    2,   301,  1138,  3137,     0,     0
  4036, BEAM  ,    2,   301,  1142,  3141,     0,     0
  4037, BEAM  ,    2,   302,  1146,  3145,     0,     0
  4038, BEAM  ,    2,   301,  1150,  3149,     0,     0
  4039, BEAM  ,    2,   301,  1154,  3153,     0,     0
  4040, BEAM  ,    2,   301,  1158,  3157,     0,     0
  4041, BEAM  ,    2,   301,  1162,  3161,     0,     0
  4042, BEAM  ,    2,   301,  1166,  3165,     0,     0
  4043, BEAM  ,    2,   301,  1170,  3169,     0,     0
  4044, BEAM  ,    2,   301,  1174,  3173,     0,     0
  4045, BEAM  ,    2,   301,  1178,  3177,     0,     0
  4046, BEAM  ,    2,   302,  1182,  3181,     0,     0
  4501, BEAM  ,    2,   302,  3001,  2002,     0,     0
  4502, BEAM  ,    2,   301,  3005,  2006,     0,     0
  4503, BEAM  ,    2,   301,  3009,  2010,     0,     0
  4504, BEAM  ,    2,   301,  3013,  2014,     0,     0
  4505, BEAM  ,    2,   301,  3017,  2018,     0,     0
  4506, BEAM  ,    2,   301,  3021,  2022,     0,     0
  4507, BEAM  ,    2,   301,  3025,  2026,     0,     0
  4508, BEAM  ,    2,   301,  3029,  2030,     0,     0
  4509, BEAM  ,    2,   301,  3033,  2034,     0,     0
  4510, BEAM  ,    2,   302,  3037,  2038,     0,     0
  4511, BEAM  ,    2,   301,  3041,  2042,     0,     0
  4512, BEAM  ,    2,   301,  3045,  2046,     0,     0
  4513, BEAM  ,    2,   301,  3049,  2050,     0,     0
  4514, BEAM  ,    2,   301,  3053,  2054,     0,     0
  4515, BEAM  ,    2,   301,  3057,  2058,     0,     0
  4516, BEAM  ,    2,   301,  3061,  2062,     0,     0
  4517, BEAM  ,    2,   301,  3065,  2066,     0,     0
  4518, BEAM  ,    2,   301,  3069,  2070,     0,     0
  4519, BEAM  ,    2,   302,  3073,  2074,     0,     0
  4520, BEAM  ,    2,   301,  3077,  2078,     0,     0
  4521, BEAM  ,    2,   301,  3081,  2082,     0,     0
  4522, BEAM  ,    2,   301,  3085,  2086,     0,     0
  4523, BEAM  ,    2,   301,  3089,  2090,     0,     0
  4524, BEAM  ,    2,   301,  3093,  2094,     0,     0
  4525, BEAM  ,    2,   301,  3097,  2098,     0,     0
  4526, BEAM  ,    2,   301,  3101,  2102,     0,     0
  4527, BEAM  ,    2,   301,  3105,  2106,     0,     0
  4528, BEAM  ,    2,   302,  3109,  2110,     0,     0
```



```
  4529, BEAM  ,    2,   301,  3113,  2114,     0,     0
  4530, BEAM  ,    2,   301,  3117,  2118,     0,     0
  4531, BEAM  ,    2,   301,  3121,  2122,     0,     0
  4532, BEAM  ,    2,   301,  3125,  2126,     0,     0
  4533, BEAM  ,    2,   301,  3129,  2130,     0,     0
  4534, BEAM  ,    2,   301,  3133,  2134,     0,     0
  4535, BEAM  ,    2,   301,  3137,  2138,     0,     0
  4536, BEAM  ,    2,   301,  3141,  2142,     0,     0
  4537, BEAM  ,    2,   302,  3145,  2146,     0,     0
  4538, BEAM  ,    2,   301,  3149,  2150,     0,     0
  4539, BEAM  ,    2,   301,  3153,  2154,     0,     0
  4540, BEAM  ,    2,   301,  3157,  2158,     0,     0
  4541, BEAM  ,    2,   301,  3161,  2162,     0,     0
  4542, BEAM  ,    2,   301,  3165,  2166,     0,     0
  4543, BEAM  ,    2,   301,  3169,  2170,     0,     0
  4544, BEAM  ,    2,   301,  3173,  2174,     0,     0
  4545, BEAM  ,    2,   301,  3177,  2178,     0,     0
  4546, BEAM  ,    2,   302,  3181,  2182,     0,     0

*GROUP    ; Group
   G1         , 1001to1183, 1001to1182, 0
   G2         , 2001to2183, 2001to2182, 0
   Str        , 3001to3181, 3001to3180, 0
   CB          , 1002to1182by4 2002to2182by4 3001to3181by4, 4001to4046 W
        4501to4546, 0
   Rigid      , 1002to1182by36 2002to2182by36 4001to4501by100 4002to4502by100 W
        4003to4503by100 4004to4504by100, , 0
   Elastic    , 4001to4501by100 4002to4502by100 4003to4503by100 4004to4504by100 W
        5001to5501by100 5002to5502by100 5003to5503by100 5004to5504by100, , 0
   Structure , 1001to1183 2001to2183 3001to3181 4001to4501by100 4002to4502by100 W
        4003to4503by100 4004to4504by100 5001to5501by100 5002to5502by100 W
        5003to5503by100 5004to5504by100, 1001to1182 2001to2182 3001to3180 W
        4001to4046 4501to4546, 0

*MATERIAL    ; Material
    1, STEEL, SM490              , 0, 0, , C, NO, 0.02, 2,  2.0500e+08,   0.3,  1.2000e-05, 109.365,
0
    2, STEEL, SM490(CB)          , 0, 0, , C, NO, 0.02, 2,  1.0250e+09,   0.3,  1.2000e-05, 109.365,
0

*MATL-COLOR
    1,   0,   0, 255,    0, 128, 128,    0,  13,  13,  NO, 0.5
    2,   0, 128, 128,  192, 192,   0,   87,  87,   0,  NO, 0.5


*SECTION    ; Section
  101, COMPOSITE , Sec1(10x14_7-2)   , CT, 0, 0, 0, 0, 1, -0.121, YES, NO, YES, B
       2.2, 0.01, 3.2, 0.1, 0.01, 2.2, 0.1, 0.014
       1, 0, 0, 0, 0, 2, 7
       1, RIB, 0, 0.16, 0.012, 0, 0, 0, 0, 0, 0
       0
       0
       2, 0.735, 0, NO, 0.73, 0, NO
       7, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, NO
       7.075, 1, 7.075,   7.075, 0.25, 0.06,   7.68337, 0, 0.3, 0.18, 1.2, NO, ,
  102, COMPOSITE , Sec2(10x24_7-2)   , CT, 0, 0, 0, 0, 1, 0.008, YES, NO, YES, B
```



```
       2.2, 0.01, 3.2, 0.1, 0.01, 2.2, 0.1, 0.024
       1, 0, 0, 0, 0, 2, 7
       1, RIB, 0, 0.16, 0.012, 0, 0, 0, 0, 0, 0
       0
       0
       2, 0.735, 0, NO, 0.73, 0, NO
       7, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, NO
       7.075, 1, 7.075,   7.075, 0.25, 0.06,   7.68337, 0, 0.3, 0.18, 1.2, NO, ,
  103, COMPOSITE , Sec3(12x24_7-5)   , CT, 0, 0, 0, 0, 1, 0.011, YES, NO, YES, B
       2.2, 0.01, 3.2, 0.1, 0.012, 2.2, 0.1, 0.024
       1, 0, 0, 0, 0, 5, 7
       1, RIB, 0, 0.16, 0.012, 0, 0, 0, 0, 0, 0
       0
       0
       5, 0.37, 0, NO, 0.365, 0, NO, 0.365, 0, YES, 0.365, 0, NO, 0.365, 0, NO
       7, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, NO
       7.075, 1, 7.075,   7.075, 0.25, 0.058,   7.68337, 0, 0.3, 0.18, 1.2, NO, ,
  104, COMPOSITE , Sec4(12x24_3-5)   , CT, 0, 0, 0, 0, 1, 0.011, YES, NO, YES, B
       2.2, 0.01, 3.2, 0.1, 0.012, 2.2, 0.1, 0.024
       1, 0, 0, 0, 0, 5, 3
       1, RIB, 0, 0.16, 0.012, 0, 0, 0, 0, 0, 0
       0
       0
       5, 0.37, 0, NO, 0.365, 0, NO, 0.365, 0, YES, 0.365, 0, NO, 0.365, 0, NO
       3, 0.8, 0, NO, 0.8, 0, YES, 0.8, 0, NO
       7.075, 1, 7.075,   7.075, 0.25, 0.058,   7.68337, 0, 0.3, 0.18, 1.2, NO, ,
  105, COMPOSITE , Sec5(12x18_3-5)   , CT, 0, 0, 0, 0, 1, -0.063, YES, NO, YES, B
       2.2, 0.01, 3.2, 0.1, 0.012, 2.2, 0.1, 0.018
       1, 0, 0, 0, 0, 5, 3
       1, RIB, 0, 0.16, 0.012, 0, 0, 0, 0, 0, 0
       0
       0
       5, 0.37, 0, NO, 0.365, 0, NO, 0.365, 0, YES, 0.365, 0, NO, 0.365, 0, NO
       3, 0.8, 0, NO, 0.8, 0, YES, 0.8, 0, NO
       7.075, 1, 7.075,   7.075, 0.25, 0.058,   7.68337, 0, 0.3, 0.18, 1.2, NO, ,
  106, COMPOSITE , Sec6(22x28_3-5)   , CT, 0, 0, 0, 0, 1, 0.023, YES, NO, YES, B
       2.2, 0.01, 3.2, 0.1, 0.022, 2.2, 0.1, 0.028
       1, 0, 0, 0, 0, 5, 3
       1, RIB, 0, 0.16, 0.012, 0, 0, 0, 0, 0, 0
       0
       0
       5, 0.37, 0, NO, 0.365, 0, NO, 0.365, 0, YES, 0.365, 0, NO, 0.365, 0, NO
       3, 0.8, 0, NO, 0.8, 0, YES, 0.8, 0, NO
       7.075, 1, 7.075,   7.075, 0.25, 0.048,   7.68337, 0, 0.3, 0.18, 1.2, NO, ,
  107, COMPOSITE , Sec3(12x18_7-5)   , CT, 0, 0, 0, 0, 1, -0.063, YES, NO, YES, B
       2.2, 0.01, 3.2, 0.1, 0.012, 2.2, 0.1, 0.018
       1, 0, 0, 0, 0, 5, 7
       1, RIB, 0, 0.16, 0.012, 0, 0, 0, 0, 0, 0
       0
       0
       5, 0.37, 0, NO, 0.365, 0, NO, 0.365, 0, YES, 0.365, 0, NO, 0.365, 0, NO
       7, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, NO
       7.075, 1, 7.075,   7.075, 0.25, 0.058,   7.68337, 0, 0.3, 0.18, 1.2, NO, ,
  108, COMPOSITE , Sec8(12x18_7-2)   , CT, 0, 0, 0, 0, 1, -0.073, YES, NO, YES, B
       2.2, 0.01, 3.2, 0.1, 0.012, 2.2, 0.1, 0.018
       1, 0, 0, 0, 0, 2, 7
```

```
      1, RIB, 0, 0.16, 0.012, 0, 0, 0, 0, 0, 0
      0
      0
      2, 0.735, 0, NO, 0.73, 0, NO
      7, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, NO
      7.075, 1, 7.075,   7.075, 0.25, 0.058,   7.68337, 0, 0.3, 0.18, 1.2, NO, ,
  109, COMPOSITE , Sec9(20x24_3-5)   , CT, 0, 0, 0, 0, 1, -0.015, YES, NO, YES, B
      2.2, 0.01, 3.2, 0.1, 0.02, 2.2, 0.1, 0.024
      1, 0, 0, 0, 0, 5, 3
      1, RIB, 0, 0.16, 0.012, 0, 0, 0, 0, 0, 0
      0
      0
      5, 0.37, 0, NO, 0.365, 0, NO, 0.365, 0, YES, 0.365, 0, NO, 0.365, 0, NO
      3, 0.8, 0, NO, 0.8, 0, YES, 0.8, 0, NO
      7.075, 1, 7.075,   7.075, 0.25, 0.05,   7.68337, 0, 0.3, 0.18, 1.2, NO, ,
  110, COMPOSITE , Sec10(10x14_3-5)  , CT, 0, 0, 0, 0, 1, -0.111, YES, NO, YES, B
      2.2, 0.01, 3.2, 0.1, 0.01, 2.2, 0.1, 0.014
      1, 0, 0, 0, 0, 5, 3
      1, RIB, 0, 0.16, 0.012, 0, 0, 0, 0, 0, 0
      0
      0
      5, 0.37, 0, NO, 0.365, 0, NO, 0.365, 0, YES, 0.365, 0, NO, 0.365, 0, NO
      3, 0.8, 0, NO, 0.8, 0, YES, 0.8, 0, NO
      7.075, 1, 7.075,   7.075, 0.25, 0.06,   7.68337, 0, 0.3, 0.18, 1.2, NO, ,
  111, COMPOSITE , Sec11(10x14_7-5)  , CT, 0, 0, 0, 0, 1, -0.113, YES, NO, YES, B
      2.2, 0.01, 3.2, 0.1, 0.01, 2.2, 0.1, 0.014
      1, 0, 0, 0, 0, 5, 7
      1, RIB, 0, 0.16, 0.012, 0, 0, 0, 0, 0, 0
      0
      0
      5, 0.37, 0, NO, 0.365, 0, NO, 0.365, 0, YES, 0.365, 0, NO, 0.365, 0, NO
      7, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, NO
      7.075, 1, 7.075,   7.075, 0.25, 0.06,   7.68337, 0, 0.3, 0.18, 1.2, NO, ,
  112, COMPOSITE , Sec12(12x16_7-2)  , CT, 0, 0, 0, 0, 1, -0.113, YES, NO, YES, B
      2.2, 0.01, 3.2, 0.1, 0.012, 2.2, 0.1, 0.016
      1, 0, 0, 0, 0, 2, 7
      1, RIB, 0, 0.16, 0.012, 0, 0, 0, 0, 0, 0
      0
      0
      2, 0.735, 0, NO, 0.73, 0, NO
      7, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, NO
      7.075, 1, 7.075,   7.075, 0.25, 0.058,   7.68337, 0, 0.3, 0.18, 1.2, NO, ,
  201, DBUSER    , Str                , CT, 0, 0, 0, 0, 1, 0.05, YES, NO, H  , 2, 0.824, 0.3, 0.01, 0.012
, 0, 0, 0, 0, 0, 0
  301, DBUSER    , CB-C               , CT, 0, 0, 0, 0, 1, 0.35, YES, NO, H  , 2, 1.424, 0.3, 0.01, 0.012
, 0, 0, 0, 0, 0, 0
  302, DBUSER    , CB-E               , CT, 0, 0, 0, 0, 1, 0.35, YES, NO, H  , 2, 1.424, 0.3, 0.01, 0.012
, 0, 0, 0, 0, 0, 0

*SECT-COLOR
  101, 255,   0,   0,    0, 255,   0,    0,   0, 255,  NO, 0.5
  102, 255,   0,   0,    0, 255,   0,    0,   0, 255,  NO, 0.5
  103, 255,   0,   0,    0, 255,   0,    0,   0, 255,  NO, 0.5
  104, 255,   0,   0,    0, 255,   0,    0,   0, 255,  NO, 0.5
  105, 255,   0,   0,    0, 255,   0,    0,   0, 255,  NO, 0.5
  106, 255,   0,   0,    0, 255,   0,    0,   0, 255,  NO, 0.5
```



```
  107, 255,   0,   0,    0, 255,   0,    0,   0, 255,  NO, 0.5
  108, 255,   0,   0,    0, 255,   0,    0,   0, 255,  NO, 0.5
  109, 255,   0,   0,    0, 255,   0,    0,   0, 255,  NO, 0.5
  110, 255,   0,   0,    0, 255,   0,    0,   0, 255,  NO, 0.5
  111, 255,   0,   0,    0, 255,   0,    0,   0, 255,  NO, 0.5
  112, 255,   0,   0,    0, 255,   0,    0,   0, 255,  NO, 0.5
  201, 255,   0,   0,    0, 255,   0,    0,   0, 255,  NO, 0.5
  301, 255,   0,   0,    0, 255,   0,    0,   0, 255,  NO, 0.5
  302, 255,   0,   0,    0, 255,   0,    0,   0, 255,  NO, 0.5

*SECT-SCALE     ; Section Stiffness Scale Factor
  106, 1, 1, 1, 1, 0.62, 1, 1, , 2, NO

*COMP-GEN-SECT-PSC-DESIGN     ; Composite Section for PSC Design
   101, NO,  0, 0, 0, 0, 0, 0, 0, 0,  0, 0, 0, 0, 0, 0, 0
   102, NO,  0, 0, 0, 0, 0, 0, 0, 0,  0, 0, 0, 0, 0, 0, 0
   103, NO,  0, 0, 0, 0, 0, 0, 0, 0,  0, 0, 0, 0, 0, 0, 0
   104, NO,  0, 0, 0, 0, 0, 0, 0, 0,  0, 0, 0, 0, 0, 0, 0
   105, NO,  0, 0, 0, 0, 0, 0, 0, 0,  0, 0, 0, 0, 0, 0, 0
   106, NO,  0, 0, 0, 0, 0, 0, 0, 0,  0, 0, 0, 0, 0, 0, 0
   107, NO,  0, 0, 0, 0, 0, 0, 0, 0,  0, 0, 0, 0, 0, 0, 0
   108, NO,  0, 0, 0, 0, 0, 0, 0, 0,  0, 0, 0, 0, 0, 0, 0
   109, NO,  0, 0, 0, 0, 0, 0, 0, 0,  0, 0, 0, 0, 0, 0, 0
   110, NO,  0, 0, 0, 0, 0, 0, 0, 0,  0, 0, 0, 0, 0, 0, 0
   111, NO,  0, 0, 0, 0, 0, 0, 0, 0,  0, 0, 0, 0, 0, 0, 0
   112, NO,  0, 0, 0, 0, 0, 0, 0, 0,  0, 0, 0, 0, 0, 0, 0

*DGN-SECT
  101, COMPOSITE , Sec1(10x14_7-2)   , CT, 0, 0, 0, 0, 1, -0.121, YES, NO, YES, B
      2.2, 0.01, 3.2, 0.1, 0.01, 2.2, 0.1, 0.014
      1, 0, 0, 0, 0, 2, 7
      1, RIB, 0, 0.16, 0.012, 0, 0, 0, 0, 0, 0
      0
      0
      2, 0.735, 0, NO, 0.73, 0, NO
      7, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, NO
      7.075, 1, 7.075,   7.075, 0.25, 0.06,   7.68337, 0, 0.3, 0.18, 1.2, NO, ,
  102, COMPOSITE , Sec2(10x24_7-2)   , CT, 0, 0, 0, 0, 1, 0.008, YES, NO, YES, B
      2.2, 0.01, 3.2, 0.1, 0.01, 2.2, 0.1, 0.024
      1, 0, 0, 0, 0, 2, 7
      1, RIB, 0, 0.16, 0.012, 0, 0, 0, 0, 0, 0
      0
      0
      2, 0.735, 0, NO, 0.73, 0, NO
      7, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, NO
      7.075, 1, 7.075,   7.075, 0.25, 0.06,   7.68337, 0, 0.3, 0.18, 1.2, NO, ,
  103, COMPOSITE , Sec3(12x24_7-5)   , CT, 0, 0, 0, 0, 1, 0.011, YES, NO, YES, B
      2.2, 0.01, 3.2, 0.1, 0.012, 2.2, 0.1, 0.024
      1, 0, 0, 0, 0, 5, 7
      1, RIB, 0, 0.16, 0.012, 0, 0, 0, 0, 0, 0
      0
      0
      5, 0.37, 0, NO, 0.365, 0, NO, 0.365, 0, YES, 0.365, 0, NO, 0.365, 0, NO
      7, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, NO
      7.075, 1, 7.075,   7.075, 0.25, 0.058,   7.68337, 0, 0.3, 0.18, 1.2, NO, ,
  104, COMPOSITE , Sec4(12x24_3-5)   , CT, 0, 0, 0, 0, 1, 0.011, YES, NO, YES, B
```



```
      2.2, 0.01, 3.2, 0.1, 0.012, 2.2, 0.1, 0.024
      1, 0, 0, 0, 0, 5, 3
      1, RIB, 0, 0.16, 0.012, 0, 0, 0, 0, 0, 0
      0
      0
      5, 0.37, 0, NO, 0.365, 0, NO, 0.365, 0, YES, 0.365, 0, NO, 0.365, 0, NO
      3, 0.8, 0, NO, 0.8, 0, YES, 0.8, 0, NO
      7.075, 1, 7.075,   7.075, 0.25, 0.058,   7.68337, 0, 0.3, 0.18, 1.2, NO, ,
  105, COMPOSITE , Sec5(12x18_3-5)   , CT, 0, 0, 0, 0, 1, -0.063, YES, NO, YES, B
      2.2, 0.01, 3.2, 0.1, 0.012, 2.2, 0.1, 0.018
      1, 0, 0, 0, 0, 5, 3
      1, RIB, 0, 0.16, 0.012, 0, 0, 0, 0, 0, 0
      0
      0
      5, 0.37, 0, NO, 0.365, 0, NO, 0.365, 0, YES, 0.365, 0, NO, 0.365, 0, NO
      3, 0.8, 0, NO, 0.8, 0, YES, 0.8, 0, NO
      7.075, 1, 7.075,   7.075, 0.25, 0.058,   7.68337, 0, 0.3, 0.18, 1.2, NO, ,
  106, COMPOSITE , Sec6(22x28_3-5)   , CT, 0, 0, 0, 0, 1, 0.023, YES, NO, YES, B
      2.2, 0.01, 3.2, 0.1, 0.022, 2.2, 0.1, 0.028
      1, 0, 0, 0, 0, 5, 3
      1, RIB, 0, 0.16, 0.012, 0, 0, 0, 0, 0, 0
      0
      0
      5, 0.37, 0, NO, 0.365, 0, NO, 0.365, 0, YES, 0.365, 0, NO, 0.365, 0, NO
      3, 0.8, 0, NO, 0.8, 0, YES, 0.8, 0, NO
      7.075, 1, 7.075,   7.075, 0.25, 0.048,   7.68337, 0, 0.3, 0.18, 1.2, NO, ,
  107, COMPOSITE , Sec3(12x18_7-5)   , CT, 0, 0, 0, 0, 1, -0.063, YES, NO, YES, B
      2.2, 0.01, 3.2, 0.1, 0.012, 2.2, 0.1, 0.018
      1, 0, 0, 0, 0, 5, 7
      1, RIB, 0, 0.16, 0.012, 0, 0, 0, 0, 0, 0
      0
      0
      5, 0.37, 0, NO, 0.365, 0, NO, 0.365, 0, YES, 0.365, 0, NO, 0.365, 0, NO
      7, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, NO
      7.075, 1, 7.075,   7.075, 0.25, 0.058,   7.68337, 0, 0.3, 0.18, 1.2, NO, ,
  108, COMPOSITE , Sec8(12x18_7-2)   , CT, 0, 0, 0, 0, 1, -0.073, YES, NO, YES, B
      2.2, 0.01, 3.2, 0.1, 0.012, 2.2, 0.1, 0.018
      1, 0, 0, 0, 0, 2, 7
      1, RIB, 0, 0.16, 0.012, 0, 0, 0, 0, 0, 0
      0
      0
      2, 0.735, 0, NO, 0.73, 0, NO
      7, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, NO
      7.075, 1, 7.075,   7.075, 0.25, 0.058,   7.68337, 0, 0.3, 0.18, 1.2, NO, ,
  109, COMPOSITE , Sec9(20x24_3-5)   , CT, 0, 0, 0, 0, 1, -0.015, YES, NO, YES, B
      2.2, 0.01, 3.2, 0.1, 0.02, 2.2, 0.1, 0.024
      1, 0, 0, 0, 0, 5, 3
      1, RIB, 0, 0.16, 0.012, 0, 0, 0, 0, 0, 0
      0
      0
      5, 0.37, 0, NO, 0.365, 0, NO, 0.365, 0, YES, 0.365, 0, NO, 0.365, 0, NO
      3, 0.8, 0, NO, 0.8, 0, YES, 0.8, 0, NO
      7.075, 1, 7.075,   7.075, 0.25, 0.05,   7.68337, 0, 0.3, 0.18, 1.2, NO, ,
  110, COMPOSITE , Sec10(10x14_3-5)  , CT, 0, 0, 0, 0, 1, -0.111, YES, NO, YES, B
      2.2, 0.01, 3.2, 0.1, 0.01, 2.2, 0.1, 0.014
      1, 0, 0, 0, 0, 5, 3
```



```
      1, RIB, 0, 0.16, 0.012, 0, 0, 0, 0, 0, 0
      0
      0
      5, 0.37, 0, NO, 0.365, 0, NO, 0.365, 0, YES, 0.365, 0, NO, 0.365, 0, NO
      3, 0.8, 0, NO, 0.8, 0, YES, 0.8, 0, NO
      7.075, 1, 7.075,   7.075, 0.25, 0.06,   7.68337, 0, 0.3, 0.18, 1.2, NO, ,
  111, COMPOSITE , Sec11(10x14_7-5)  , CT, 0, 0, 0, 0, 1, -0.113, YES, NO, YES, B
      2.2, 0.01, 3.2, 0.1, 0.01, 2.2, 0.1, 0.014
      1, 0, 0, 0, 0, 5, 7
      1, RIB, 0, 0.16, 0.012, 0, 0, 0, 0, 0, 0
      0
      0
      5, 0.37, 0, NO, 0.365, 0, NO, 0.365, 0, YES, 0.365, 0, NO, 0.365, 0, NO
      7, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, NO
      7.075, 1, 7.075,   7.075, 0.25, 0.06,   7.68337, 0, 0.3, 0.18, 1.2, NO, ,
  112, COMPOSITE , Sec12(12x16_7-2)  , CT, 0, 0, 0, 0, 1, -0.113, YES, NO, YES, B
      2.2, 0.01, 3.2, 0.1, 0.012, 2.2, 0.1, 0.016
      1, 0, 0, 0, 0, 2, 7
      1, RIB, 0, 0.16, 0.012, 0, 0, 0, 0, 0, 0
      0
      0
      2, 0.735, 0, NO, 0.73, 0, NO
      7, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, YES, 0.4, 0, NO, 0.4, 0, NO, 0.4, 0, NO
      7.075, 1, 7.075,   7.075, 0.25, 0.058,   7.68337, 0, 0.3, 0.18, 1.2, NO, ,
  201, DBUSER    , Str                , CT, 0, 0, 0, 0, 1, 0.05, YES, NO, H  , 2, 0.824, 0.3, 0.01, 0.012
, 0, 0, 0, 0, 0, 0
  301, DBUSER    , CB-C               , CT, 0, 0, 0, 0, 1, 0.35, YES, NO, H  , 2, 1.424, 0.3, 0.01, 0.012
, 0, 0, 0, 0, 0, 0
  302, DBUSER    , CB-E               , CT, 0, 0, 0, 0, 1, 0.35, YES, NO, H  , 2, 1.424, 0.3, 0.01, 0.012
, 0, 0, 0, 0, 0, 0


*STLDCASE     ; Static Load Cases
   Self Weight, DC,
   Deck , DC,
   2nd Dead, DW,
   K    , USER,


*CONSTRAINT     ; Supports
   5001to5501by100  5002to5502by100  5003to5503by100  5004to5504by100,  111111,

*ELASTICLINK     ; Elastic Link
     1,  4001,  5001, GEN  , -14.085, NO, NO, NO, NO, NO, NO, 1e+06, 1e+06, 0, 0, 0, 0, NO, 0.5, 0.5,
     2,  4002,  5002, GEN  , -14.085, NO, NO, NO, NO, NO, NO, 1e+06, 1e+06, 0, 0, 0, 0, NO, 0.5, 0.5,
     3,  4003,  5003, GEN  , -14.085, NO, NO, NO, NO, NO, NO, 1e+06, 1e+06, 0, 0, 0, 0, NO, 0.5, 0.5,
     4,  4004,  5004, GEN  , -14.085, NO, NO, NO, NO, NO, NO, 1e+06, 1e+06, 0, 0, 0, 0, NO, 0.5, 0.5,
     5,  4101,  5101, GEN  , -9.375, NO, NO, NO, NO, NO, NO, 1e+06, 1e+06, 0, 0, 0, 0, NO, 0.5, 0.5,
     6,  4102,  5102, GEN  , -9.375, NO, NO, NO, NO, NO, NO, 1e+06, 1e+06, 0, 0, 0, 0, NO, 0.5, 0.5,
     7,  4103,  5103, GEN  , -9.375, NO, NO, NO, NO, NO, NO, 1e+06, 1e+06, 0, 0, 0, 0, NO, 0.5, 0.5,
     8,  4104,  5104, GEN  , -9.375, NO, NO, NO, NO, NO, NO, 1e+06, 1e+06, 0, 0, 0, 0, NO, 0.5, 0.5,
     9,  4201,  5201, GEN  , -5.125, NO, NO, NO, NO, NO, NO, 1e+06, 1e+06, 0, 0, 0, 0, NO, 0.5, 0.5,
    10,  4202,  5202, GEN  , -5.125, NO, NO, NO, NO, NO, NO, 1e+06, 1e+06, 0, 0, 0, 0, NO, 0.5, 0.5,
    11,  4203,  5203, GEN  , -5.125, NO, NO, NO, NO, NO, NO, 1e+06, 1e+06, 0, 0, 0, 0, NO, 0.5, 0.5,
    12,  4204,  5204, GEN  , -5.125, NO, NO, NO, NO, NO, NO, 1e+06, 1e+06, 0, 0, 0, 0, NO, 0.5, 0.5,
    13,  4301,  5301, GEN  , -1.942, NO, NO, NO, NO, NO, NO, 1e+06, 1e+06, 1e+06, 0, 0, 0, NO, 0.5, 0.5,
```

```
    14,  4302,  5302, GEN  , -1.942, NO, NO, NO, NO, NO, NO, 1e+06, 1e+06, 1e+06, 0, 0, 0, NO, 0.5, 0.5,

    15,  4303,  5303, GEN  , -1.942, NO, NO, NO, NO, NO, NO, 1e+06, 1e+06, 1e+06, 0, 0, 0, NO, 0.5, 0.5,

    16,  4304,  5304, GEN  , -1.942, NO, NO, NO, NO, NO, NO, 1e+06, 1e+06, 1e+06, 0, 0, 0, NO, 0.5, 0.5,

    17,  4401,  5401, GEN  ,      0, NO, NO, NO, NO, NO, NO, 1e+06, 1e+06, 0, 0, 0, 0, NO, 0.5, 0.5,
    18,  4402,  5402, GEN  ,      0, NO, NO, NO, NO, NO, NO, 1e+06, 1e+06, 0, 0, 0, 0, NO, 0.5, 0.5,
    19,  4403,  5403, GEN  ,      0, NO, NO, NO, NO, NO, NO, 1e+06, 1e+06, 0, 0, 0, 0, NO, 0.5, 0.5,
    20,  4404,  5404, GEN  ,      0, NO, NO, NO, NO, NO, NO, 1e+06, 1e+06, 0, 0, 0, 0, NO, 0.5, 0.5,
    21,  4501,  5501, GEN  ,      0, NO, NO, NO, NO, NO, NO, 1e+06, 1e+06, 0, 0, 0, 0, NO, 0.5, 0.5,
    22,  4502,  5502, GEN  ,      0, NO, NO, NO, NO, NO, NO, 1e+06, 1e+06, 0, 0, 0, 0, NO, 0.5, 0.5,
    23,  4503,  5503, GEN  ,      0, NO, NO, NO, NO, NO, NO, 1e+06, 1e+06, 0, 0, 0, 0, NO, 0.5, 0.5,
    24,  4504,  5504, GEN  ,      0, NO, NO, NO, NO, NO, NO, 1e+06, 1e+06, 0, 0, 0, 0, NO, 0.5, 0.5,

*RIGIDLINK    ; Rigid Link
  1002, 111111, 4001 4002,
  1038, 111111, 4101 4102,
  1074, 111111, 4201 4202,
  1110, 111111, 4301 4302,
  1146, 111111, 4401 4402,
  1182, 111111, 4501 4502,
  2002, 111111, 4003 4004,
  2038, 111111, 4103 4104,
  2074, 111111, 4203 4204,
  2110, 111111, 4303 4304,
  2146, 111111, 4403 4404,
  2182, 111111, 4503 4504,

*LOADTOMASS    ; Load to Mass
   Z, YES, YES, YES, YES, 9.806
   Deck, 1, 2nd Dead, 1

*USE-STLD, Self Weight

*SELFWEIGHT    ; Self Weight
0, 0, -1,

; End of data for load case [Self Weight] -------------------------

*USE-STLD, Deck

*BEAMLOAD    ; Element Beam Loads
  1001, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1002, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1003, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1004, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1005, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1006, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
```



```
  1007, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1008, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1009, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1010, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1011, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1012, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1013, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1014, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1015, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1016, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1017, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1018, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1019, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1020, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1021, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1022, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1023, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1024, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1025, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1026, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1027, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1028, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1029, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1030, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1031, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1032, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1033, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1034, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
```



```
  1035, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1036, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1037, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1038, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1039, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1040, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1041, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1042, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1043, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1044, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1045, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1046, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1047, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1048, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1049, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1050, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1051, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1052, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1053, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1054, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1055, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1056, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1057, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1058, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1059, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1060, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1061, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1062, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
```



```
  1063, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1064, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1065, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1066, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1067, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1068, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1069, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1070, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1071, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1072, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1073, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1074, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1075, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1076, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1077, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1078, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1079, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1080, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1081, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1082, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1083, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1084, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1085, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1086, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1087, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1088, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1089, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1090, BEAM   , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
```

```
  1091, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1092, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1093, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1094, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1095, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1096, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1097, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1098, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1099, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1100, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1101, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1102, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1103, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1104, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1105, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1106, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1107, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1108, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1109, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1110, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1111, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1112, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1113, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1114, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1115, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1116, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1117, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1118, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
```



```
  1119, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1120, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1121, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1122, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1123, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1124, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1125, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1126, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1127, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1128, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1129, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1130, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1131, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1132, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1133, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1134, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1135, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1136, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1137, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1138, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1139, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1140, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1141, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1142, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1143, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1144, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1145, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1146, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
```



```
  1147, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1148, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1149, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1150, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1151, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1152, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1153, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1154, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1155, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1156, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1157, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1158, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1159, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1160, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1161, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1162, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1163, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1164, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1165, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1166, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1167, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1168, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1169, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1170, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1171, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1172, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1173, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1174, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
```



```
  1175, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1176, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1177, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1178, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1179, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1180, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1181, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1182, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 0.125, 0.125, NO, 0, -39.866, 1, -39.866, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2001, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2002, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2003, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2004, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2005, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2006, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2007, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2008, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2009, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2010, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2011, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2012, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2013, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2014, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2015, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2016, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2017, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2018, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2019, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2020, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
```

```
  2021, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2022, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2023, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2024, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2025, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2026, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2027, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2028, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2029, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2030, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2031, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2032, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2033, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2034, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2035, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2036, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2037, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2038, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2039, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2040, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2041, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2042, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2043, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2044, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2045, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2046, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2047, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2048, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
```



```
  2049, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2050, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2051, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2052, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2053, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2054, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2055, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2056, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2057, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2058, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2059, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2060, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2061, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2062, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2063, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2064, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2065, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2066, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2067, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2068, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2069, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2070, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2071, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2072, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2073, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2074, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2075, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2076, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
```



```
  2077, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2078, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2079, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2080, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2081, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2082, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2083, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2084, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2085, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2086, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2087, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2088, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2089, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2090, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2091, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2092, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2093, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2094, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2095, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2096, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2097, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2098, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2099, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2100, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2101, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2102, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2103, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2104, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
```



```
  2105, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2106, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2107, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2108, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2109, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2110, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2111, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2112, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2113, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2114, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2115, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2116, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2117, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2118, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2119, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2120, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2121, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2122, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2123, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2124, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2125, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2126, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2127, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2128, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2129, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2130, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2131, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2132, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
```

```
  2133, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2134, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2135, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2136, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2137, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2138, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2139, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2140, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2141, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2142, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2143, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2144, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2145, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2146, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2147, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2148, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2149, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2150, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2151, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2152, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2153, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2154, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2155, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2156, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2157, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2158, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2159, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2160, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
```



```
  2161, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2162, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2163, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2164, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2165, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2166, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2167, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2168, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2169, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2170, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2171, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2172, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2173, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2174, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2175, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2176, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2177, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2178, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2179, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2180, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2181, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2182, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -0.062, -0.062, NO, 0, -39.97, 1, -39.97, 0, 0, 0, 0, , N
0, 0, 0, NO,
  3001, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3002, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3003, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3004, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3005, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3006, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
```



```
  3007, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3008, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3009, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3010, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3011, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3012, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3013, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3014, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3015, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3016, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3017, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3018, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3019, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3020, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3021, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3022, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3023, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3024, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3025, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3026, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3027, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3028, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3029, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3030, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3031, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3032, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3033, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3034, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
```



```
  3035, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3036, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3037, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3038, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3039, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3040, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3041, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3042, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3043, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3044, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3045, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3046, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3047, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3048, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3049, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3050, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3051, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3052, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3053, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3054, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3055, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3056, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3057, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3058, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3059, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3060, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3061, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3062, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
```

3063, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3064, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3065, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3066, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3067, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3068, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3069, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3070, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3071, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3072, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3073, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3074, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3075, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3076, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3077, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3078, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3079, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3080, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3081, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3082, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3083, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3084, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3085, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3086, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3087, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3088, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3089, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3090, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,

3091, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3092, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3093, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3094, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3095, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3096, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3097, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3098, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3099, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3100, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3101, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3102, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3103, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3104, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3105, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3106, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3107, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3108, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3109, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3110, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3111, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3112, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3113, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3114, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3115, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3116, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3117, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3118, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,

3119, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3120, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3121, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3122, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3123, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3124, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3125, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3126, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3127, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3128, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3129, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3130, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3131, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3132, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3133, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3134, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3135, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3136, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3137, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3138, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3139, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3140, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3141, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3142, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3143, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3144, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3145, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3146, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,

3147, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3148, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3149, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3150, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3151, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3152, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3153, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3154, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3155, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3156, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3157, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3158, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3159, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3160, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3161, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3162, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3163, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3164, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3165, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3166, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3167, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3168, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3169, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3170, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3171, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3172, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3173, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
3174, BEAM , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,

```
  3175, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3176, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3177, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3178, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3179, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,
  3180, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -13.806, 1, -13.806, 0, 0, 0, 0, , NO, 0, 0, NO
,

; End of data for load case [Deck] ------------------------

*USE-STLD, 2nd Dead

*BEAMLOAD     ; Element Beam Loads
  1001, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1002, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1003, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1004, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1005, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1006, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1007, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1008, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1009, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1010, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1011, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1012, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1013, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1014, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1015, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1016, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1017, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1018, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1019, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
```



```
  1020, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1021, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1022, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1023, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1024, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1025, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1026, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1027, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1028, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1029, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1030, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1031, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1032, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1033, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1034, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1035, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1036, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1037, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1038, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1039, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1040, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1041, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1042, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1043, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1044, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1045, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1046, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1047, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
```



```
  1048, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1049, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1050, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1051, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1052, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1053, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1054, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1055, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1056, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1057, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1058, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1059, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1060, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1061, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1062, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1063, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1064, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1065, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1066, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1067, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1068, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1069, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1070, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1071, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1072, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1073, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1074, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1075, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
```



```
  1076, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1077, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1078, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1079, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1080, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1081, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1082, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1083, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1084, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1085, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1086, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1087, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1088, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1089, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1090, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1091, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1092, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1093, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1094, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1095, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1096, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1097, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1098, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1099, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1100, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1101, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1102, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
  1103, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, 0, , N
0, 0, 0, NO,
```

```
  1104, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1105, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1106, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1107, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1108, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1109, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1110, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1111, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1112, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1113, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1114, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1115, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1116, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1117, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1118, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1119, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1120, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1121, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1122, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1123, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1124, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1125, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1126, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1127, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1128, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1129, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1130, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1131, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
```



```
  1132, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1133, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1134, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1135, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1136, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1137, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1138, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1139, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1140, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1141, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1142, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1143, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1144, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1145, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1146, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1147, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1148, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1149, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1150, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1151, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1152, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1153, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1154, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1155, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1156, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1157, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1158, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1159, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
```



```
  1160, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1161, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1162, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1163, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1164, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1165, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1166, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1167, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1168, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1169, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1170, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1171, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1172, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1173, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1174, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1175, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1176, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1177, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1178, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1179, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1180, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1181, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  1182, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, 1.483, 1.483, NO, 0, -14.722, 1, -14.722, 0, 0, 0, , N
0, 0, 0, NO,
  2001, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, , N
0, 0, 0, NO,
  2002, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, , N
0, 0, 0, NO,
  2003, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, , N
0, 0, 0, NO,
  2004, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, , N
0, 0, 0, NO,
  2005, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, , N
0, 0, 0, NO,
```



```
  2006, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, , N
0, 0, 0, NO,
  2007, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, , N
0, 0, 0, NO,
  2008, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, , N
0, 0, 0, NO,
  2009, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, , N
0, 0, 0, NO,
  2010, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, , N
0, 0, 0, NO,
  2011, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, , N
0, 0, 0, NO,
  2012, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, , N
0, 0, 0, NO,
  2013, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, , N
0, 0, 0, NO,
  2014, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, , N
0, 0, 0, NO,
  2015, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, , N
0, 0, 0, NO,
  2016, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, , N
0, 0, 0, NO,
  2017, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, , N
0, 0, 0, NO,
  2018, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, , N
0, 0, 0, NO,
  2019, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, , N
0, 0, 0, NO,
  2020, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, , N
0, 0, 0, NO,
  2021, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, , N
0, 0, 0, NO,
  2022, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, , N
0, 0, 0, NO,
  2023, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, , N
0, 0, 0, NO,
  2024, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, , N
0, 0, 0, NO,
  2025, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, , N
0, 0, 0, NO,
  2026, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, , N
0, 0, 0, NO,
  2027, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, , N
0, 0, 0, NO,
  2028, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, , N
0, 0, 0, NO,
  2029, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, , N
0, 0, 0, NO,
  2030, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, , N
0, 0, 0, NO,
  2031, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, , N
0, 0, 0, NO,
  2032, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, , N
0, 0, 0, NO,
  2033, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, , N
0, 0, 0, NO,
```

```
  2034, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2035, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2036, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2037, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2038, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2039, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2040, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2041, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2042, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2043, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2044, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2045, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2046, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2047, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2048, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2049, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2050, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2051, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2052, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2053, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2054, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2055, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2056, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2057, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2058, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2059, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2060, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2061, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
```



```
  2062, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2063, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2064, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2065, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2066, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2067, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2068, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2069, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2070, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2071, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2072, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2073, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2074, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2075, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2076, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2077, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2078, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2079, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2080, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2081, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2082, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2083, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2084, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2085, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2086, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2087, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2088, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2089, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
```



```
  2090, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2091, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2092, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2093, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2094, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2095, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2096, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2097, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2098, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2099, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2100, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2101, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2102, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2103, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2104, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2105, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2106, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2107, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2108, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2109, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2110, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2111, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2112, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2113, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2114, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2115, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2116, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2117, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
```



```
  2118, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2119, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2120, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2121, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2122, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2123, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2124, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2125, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2126, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2127, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2128, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2129, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2130, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2131, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2132, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2133, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2134, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2135, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2136, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2137, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2138, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2139, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2140, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2141, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2142, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2143, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2144, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2145, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
```

```
  2146, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2147, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2148, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2149, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2150, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2151, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2152, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2153, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2154, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2155, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2156, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2157, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2158, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2159, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2160, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2161, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2162, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2163, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2164, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2165, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2166, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2167, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2168, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2169, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2170, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2171, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2172, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2173, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
```



```
  2174, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2175, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2176, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2177, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2178, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2179, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2180, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2181, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  2182, BEAM    , UNILOAD, GZ, NO , YES, 1, LY, -1.193, -1.193, NO, 0, -13.17, 1, -13.17, 0, 0, 0, 0, , N
0, 0, 0, NO,
  3001, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3002, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3003, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3004, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3005, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3006, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3007, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3008, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3009, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3010, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3011, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3012, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3013, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3014, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3015, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3016, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3017, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3018, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3019, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
```



```
  3020, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3021, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3022, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3023, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3024, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3025, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3026, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3027, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3028, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3029, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3030, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3031, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3032, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3033, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3034, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3035, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3036, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3037, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3038, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3039, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3040, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3041, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3042, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3043, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3044, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3045, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3046, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3047, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
```



```
  3048, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3049, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3050, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3051, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3052, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3053, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3054, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3055, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3056, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3057, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3058, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3059, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3060, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3061, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3062, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3063, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3064, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3065, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3066, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3067, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3068, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3069, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3070, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3071, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3072, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3073, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3074, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

  3075, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
```

```
3076, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3077, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3078, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3079, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3080, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3081, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3082, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3083, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3084, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3085, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3086, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3087, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3088, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3089, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3090, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3091, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3092, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3093, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3094, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3095, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3096, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3097, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3098, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3099, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3100, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3101, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3102, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3103, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
```



```
3104, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3105, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3106, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3107, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3108, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3109, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3110, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3111, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3112, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3113, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3114, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3115, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3116, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3117, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3118, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3119, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3120, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3121, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3122, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3123, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3124, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3125, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3126, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3127, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3128, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3129, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3130, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3131, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
```



```
3132, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3133, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3134, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3135, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3136, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3137, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3138, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3139, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3140, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3141, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3142, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3143, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3144, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3145, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3146, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3147, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3148, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3149, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3150, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3151, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3152, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3153, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3154, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3155, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3156, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3157, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3158, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3159, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
```



```
3160, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3161, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3162, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3163, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3164, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3165, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3166, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3167, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3168, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3169, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3170, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3171, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3172, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3173, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3174, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3175, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3176, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3177, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3178, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3179, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,
3180, BEAM    , UNILOAD, GZ, NO , NO, aDir[1], , , , 0, -6.862, 1, -6.862, 0, 0, 0, 0, , NO, 0, 0, NO,

; End of data for load case [2nd Dead] -------------------------

*USE-STLD, K

*BEAMLOAD     ; Element Beam Loads
  1001, BEAM    , CONMOMENT, LY, NO , NO, aDir[1], , , , 1, 1, 0, 0, 0, 0, 0, 0, , NO, 0, 0, NO,
  1182, BEAM    , CONMOMENT, LY, NO , NO, aDir[1], , , , 0, -1, 0, 0, 0, 0, 0, 0, , NO, 0, 0, NO,
  2001, BEAM    , CONMOMENT, LY, NO , NO, aDir[1], , , , 1, 1, 0, 0, 0, 0, 0, 0, , NO, 0, 0, NO,
  2182, BEAM    , CONMOMENT, LY, NO , NO, aDir[1], , , , 0, -1, 0, 0, 0, 0, 0, 0, , NO, 0, 0, NO,

; End of data for load case [K] -------------------------

*MVLDCODE     ; Moving Load Code
```

```
   CODE=KOREA

*LINELANE     ; Traffic Line Lanes
   NAME=LL1, LANE, , 0, 0, BOTH, 3, 1.8, NO, 3
         1001, -1.195, 0.168, YES, 0, 0.5,  1002, -1.195, 0.168, NO, 0, 0.5
         1003, -1.195, 0.168, NO, 0, 0.5,  1004, -1.195, 0.168, NO, 0, 0.5
         1005, -1.195, 0.168, NO, 0, 0.5,  1006, -1.195, 0.168, NO, 0, 0.5
         1007, -1.195, 0.168, NO, 0, 0.5,  1008, -1.195, 0.168, NO, 0, 0.5
         1009, -1.195, 0.168, NO, 0, 0.5,  1010, -1.195, 0.168, NO, 0, 0.5
         1011, -1.195, 0.168, NO, 0, 0.5,  1012, -1.195, 0.168, NO, 0, 0.5
         1013, -1.195, 0.168, NO, 0, 0.5,  1014, -1.195, 0.168, NO, 0, 0.5
         1015, -1.195, 0.168, NO, 0, 0.5,  1016, -1.195, 0.168, NO, 0, 0.5
         1017, -1.195, 0.168, NO, 0, 0.5,  1018, -1.195, 0.168, NO, 0, 0.5
         1019, -1.195, 0.168, NO, 0, 0.5,  1020, -1.195, 0.168, NO, 0, 0.5
         1021, -1.195, 0.168, NO, 0, 0.5,  1022, -1.195, 0.168, NO, 0, 0.5
         1023, -1.195, 0.168, NO, 0, 0.5,  1024, -1.195, 0.168, NO, 0, 0.5
         1025, -1.195, 0.168, NO, 0, 0.5,  1026, -1.195, 0.168, NO, 0, 0.5
         1027, -1.195, 0.168, NO, 0, 0.5,  1028, -1.195, 0.168, NO, 0, 0.5
         1029, -1.195, 0.168, NO, 0, 0.5,  1030, -1.195, 0.168, NO, 0, 0.5
         1031, -1.195, 0.168, NO, 0, 0.5,  1032, -1.195, 0.168, NO, 0, 0.5
         1033, -1.195, 0.168, NO, 0, 0.5,  1034, -1.195, 0.168, NO, 0, 0.5
         1035, -1.195, 0.168, NO, 0, 0.5,  1036, -1.195, 0.168, NO, 0, 0.5
         1037, -1.195, 0.168, NO, 0, 0.5,  1038, -1.195, 0.167, YES, 0, 0.5
         1039, -1.195, 0.167, NO, 0, 0.5,  1040, -1.195, 0.167, NO, 0, 0.5
         1041, -1.195, 0.167, NO, 0, 0.5,  1042, -1.195, 0.167, NO, 0, 0.5
         1043, -1.195, 0.167, NO, 0, 0.5,  1044, -1.195, 0.167, NO, 0, 0.5
         1045, -1.195, 0.167, NO, 0, 0.5,  1046, -1.195, 0.167, NO, 0, 0.5
         1047, -1.195, 0.167, NO, 0, 0.5,  1048, -1.195, 0.167, NO, 0, 0.5
         1049, -1.195, 0.167, NO, 0, 0.5,  1050, -1.195, 0.167, NO, 0, 0.5
         1051, -1.195, 0.167, NO, 0, 0.5,  1052, -1.195, 0.167, NO, 0, 0.5
         1053, -1.195, 0.167, NO, 0, 0.5,  1054, -1.195, 0.167, NO, 0, 0.5
         1055, -1.195, 0.167, NO, 0, 0.5,  1056, -1.195, 0.167, NO, 0, 0.5
         1057, -1.195, 0.167, NO, 0, 0.5,  1058, -1.195, 0.167, NO, 0, 0.5
         1059, -1.195, 0.167, NO, 0, 0.5,  1060, -1.195, 0.167, NO, 0, 0.5
         1061, -1.195, 0.167, NO, 0, 0.5,  1062, -1.195, 0.167, NO, 0, 0.5
         1063, -1.195, 0.167, NO, 0, 0.5,  1064, -1.195, 0.167, NO, 0, 0.5
         1065, -1.195, 0.167, NO, 0, 0.5,  1066, -1.195, 0.167, NO, 0, 0.5
         1067, -1.195, 0.167, NO, 0, 0.5,  1068, -1.195, 0.167, NO, 0, 0.5
         1069, -1.195, 0.167, NO, 0, 0.5,  1070, -1.195, 0.167, NO, 0, 0.5
         1071, -1.195, 0.167, NO, 0, 0.5,  1072, -1.195, 0.167, NO, 0, 0.5
         1073, -1.195, 0.167, NO, 0, 0.5,  1074, -1.195, 0.167, YES, 0, 0.5
         1075, -1.195, 0.167, NO, 0, 0.5,  1076, -1.195, 0.167, NO, 0, 0.5
         1077, -1.195, 0.167, NO, 0, 0.5,  1078, -1.195, 0.167, NO, 0, 0.5
         1079, -1.195, 0.167, NO, 0, 0.5,  1080, -1.195, 0.167, NO, 0, 0.5
         1081, -1.195, 0.167, NO, 0, 0.5,  1082, -1.195, 0.167, NO, 0, 0.5
         1083, -1.195, 0.167, NO, 0, 0.5,  1084, -1.195, 0.167, NO, 0, 0.5
         1085, -1.195, 0.167, NO, 0, 0.5,  1086, -1.195, 0.167, NO, 0, 0.5
         1087, -1.195, 0.167, NO, 0, 0.5,  1088, -1.195, 0.167, NO, 0, 0.5
         1089, -1.195, 0.167, NO, 0, 0.5,  1090, -1.195, 0.167, NO, 0, 0.5
         1091, -1.195, 0.167, NO, 0, 0.5,  1092, -1.195, 0.167, NO, 0, 0.5
         1093, -1.195, 0.167, NO, 0, 0.5,  1094, -1.195, 0.167, NO, 0, 0.5
         1095, -1.195, 0.167, NO, 0, 0.5,  1096, -1.195, 0.167, NO, 0, 0.5
         1097, -1.195, 0.167, NO, 0, 0.5,  1098, -1.195, 0.167, NO, 0, 0.5
         1099, -1.195, 0.167, NO, 0, 0.5,  1100, -1.195, 0.167, NO, 0, 0.5
         1101, -1.195, 0.167, NO, 0, 0.5,  1102, -1.195, 0.167, NO, 0, 0.5
         1103, -1.195, 0.167, NO, 0, 0.5,  1104, -1.195, 0.167, NO, 0, 0.5
```



```
         1105, -1.195, 0.167, NO, 0, 0.5,  1106, -1.195, 0.167, NO, 0, 0.5
         1107, -1.195, 0.167, NO, 0, 0.5,  1108, -1.195, 0.167, NO, 0, 0.5
         1109, -1.195, 0.167, NO, 0, 0.5,  1110, -1.195, 0.167, YES, 0, 0.5
         1111, -1.195, 0.167, NO, 0, 0.5,  1112, -1.195, 0.167, NO, 0, 0.5
         1113, -1.195, 0.167, NO, 0, 0.5,  1114, -1.195, 0.167, NO, 0, 0.5
         1115, -1.195, 0.167, NO, 0, 0.5,  1116, -1.195, 0.167, NO, 0, 0.5
         1117, -1.195, 0.167, NO, 0, 0.5,  1118, -1.195, 0.167, NO, 0, 0.5
         1119, -1.195, 0.167, NO, 0, 0.5,  1120, -1.195, 0.167, NO, 0, 0.5
         1121, -1.195, 0.167, NO, 0, 0.5,  1122, -1.195, 0.167, NO, 0, 0.5
         1123, -1.195, 0.167, NO, 0, 0.5,  1124, -1.195, 0.167, NO, 0, 0.5
         1125, -1.195, 0.167, NO, 0, 0.5,  1126, -1.195, 0.167, NO, 0, 0.5
         1127, -1.195, 0.167, NO, 0, 0.5,  1128, -1.195, 0.167, NO, 0, 0.5
         1129, -1.195, 0.167, NO, 0, 0.5,  1130, -1.195, 0.167, NO, 0, 0.5
         1131, -1.195, 0.167, NO, 0, 0.5,  1132, -1.195, 0.167, NO, 0, 0.5
         1133, -1.195, 0.167, NO, 0, 0.5,  1134, -1.195, 0.167, NO, 0, 0.5
         1135, -1.195, 0.167, NO, 0, 0.5,  1136, -1.195, 0.167, NO, 0, 0.5
         1137, -1.195, 0.167, NO, 0, 0.5,  1138, -1.195, 0.167, NO, 0, 0.5
         1139, -1.195, 0.167, NO, 0, 0.5,  1140, -1.195, 0.167, NO, 0, 0.5
         1141, -1.195, 0.167, NO, 0, 0.5,  1142, -1.195, 0.167, NO, 0, 0.5
         1143, -1.195, 0.167, NO, 0, 0.5,  1144, -1.195, 0.167, NO, 0, 0.5
         1145, -1.195, 0.167, NO, 0, 0.5,  1146, -1.195, 0.168, YES, 0, 0.5
         1147, -1.195, 0.168, NO, 0, 0.5,  1148, -1.195, 0.168, NO, 0, 0.5
         1149, -1.195, 0.168, NO, 0, 0.5,  1150, -1.195, 0.168, NO, 0, 0.5
         1151, -1.195, 0.168, NO, 0, 0.5,  1152, -1.195, 0.168, NO, 0, 0.5
         1153, -1.195, 0.168, NO, 0, 0.5,  1154, -1.195, 0.168, NO, 0, 0.5
         1155, -1.195, 0.168, NO, 0, 0.5,  1156, -1.195, 0.168, NO, 0, 0.5
         1157, -1.195, 0.168, NO, 0, 0.5,  1158, -1.195, 0.168, NO, 0, 0.5
         1159, -1.195, 0.168, NO, 0, 0.5,  1160, -1.195, 0.168, NO, 0, 0.5
         1161, -1.195, 0.168, NO, 0, 0.5,  1162, -1.195, 0.168, NO, 0, 0.5
         1163, -1.195, 0.168, NO, 0, 0.5,  1164, -1.195, 0.168, NO, 0, 0.5
         1165, -1.195, 0.168, NO, 0, 0.5,  1166, -1.195, 0.168, NO, 0, 0.5
         1167, -1.195, 0.168, NO, 0, 0.5,  1168, -1.195, 0.168, NO, 0, 0.5
         1169, -1.195, 0.168, NO, 0, 0.5,  1170, -1.195, 0.168, NO, 0, 0.5
         1171, -1.195, 0.168, NO, 0, 0.5,  1172, -1.195, 0.168, NO, 0, 0.5
         1173, -1.195, 0.168, NO, 0, 0.5,  1174, -1.195, 0.168, NO, 0, 0.5
         1175, -1.195, 0.168, NO, 0, 0.5,  1176, -1.195, 0.168, NO, 0, 0.5
         1177, -1.195, 0.168, NO, 0, 0.5,  1178, -1.195, 0.168, NO, 0, 0.5
         1179, -1.195, 0.168, NO, 0, 0.5,  1180, -1.195, 0.168, NO, 0, 0.5
         1181, -1.195, 0.168, NO, 0, 0.5,  1182, -1.195, 0.168, NO, 0, 0.5
   NAME=LL2, CROSS, CB, 0, 0, BOTH, 3, 1.8, NO, 3
         1001, 2.161, 0.168, YES, 0, 0.5,  1002, 2.161, 0.168, NO, 0, 0.5
         1003, 2.161, 0.168, NO, 0, 0.5,  1004, 2.161, 0.168, NO, 0, 0.5
         1005, 2.161, 0.168, NO, 0, 0.5,  1006, 2.161, 0.168, NO, 0, 0.5
         1007, 2.161, 0.168, NO, 0, 0.5,  1008, 2.161, 0.168, NO, 0, 0.5
         1009, 2.161, 0.168, NO, 0, 0.5,  1010, 2.161, 0.168, NO, 0, 0.5
         1011, 2.161, 0.168, NO, 0, 0.5,  1012, 2.161, 0.168, NO, 0, 0.5
         1013, 2.161, 0.168, NO, 0, 0.5,  1014, 2.161, 0.168, NO, 0, 0.5
         1015, 2.161, 0.168, NO, 0, 0.5,  1016, 2.161, 0.168, NO, 0, 0.5
         1017, 2.161, 0.168, NO, 0, 0.5,  1018, 2.161, 0.168, NO, 0, 0.5
         1019, 2.161, 0.168, NO, 0, 0.5,  1020, 2.161, 0.168, NO, 0, 0.5
         1021, 2.161, 0.168, NO, 0, 0.5,  1022, 2.161, 0.168, NO, 0, 0.5
         1023, 2.161, 0.168, NO, 0, 0.5,  1024, 2.161, 0.168, NO, 0, 0.5
         1025, 2.161, 0.168, NO, 0, 0.5,  1026, 2.161, 0.168, NO, 0, 0.5
         1027, 2.161, 0.168, NO, 0, 0.5,  1028, 2.161, 0.168, NO, 0, 0.5
         1029, 2.161, 0.168, NO, 0, 0.5,  1030, 2.161, 0.168, NO, 0, 0.5
         1031, 2.161, 0.168, NO, 0, 0.5,  1032, 2.161, 0.168, NO, 0, 0.5
```



```
         1033, 2.161, 0.168, NO, 0, 0.5,  1034, 2.161, 0.168, NO, 0, 0.5
         1035, 2.161, 0.168, NO, 0, 0.5,  1036, 2.161, 0.168, NO, 0, 0.5
         1037, 2.161, 0.168, NO, 0, 0.5,  1038, 2.161, 0.167, YES, 0, 0.5
         1039, 2.161, 0.167, NO, 0, 0.5,  1040, 2.161, 0.167, NO, 0, 0.5
         1041, 2.161, 0.167, NO, 0, 0.5,  1042, 2.161, 0.167, NO, 0, 0.5
         1043, 2.161, 0.167, NO, 0, 0.5,  1044, 2.161, 0.167, NO, 0, 0.5
         1045, 2.161, 0.167, NO, 0, 0.5,  1046, 2.161, 0.167, NO, 0, 0.5
         1047, 2.161, 0.167, NO, 0, 0.5,  1048, 2.161, 0.167, NO, 0, 0.5
         1049, 2.161, 0.167, NO, 0, 0.5,  1050, 2.161, 0.167, NO, 0, 0.5
         1051, 2.161, 0.167, NO, 0, 0.5,  1052, 2.161, 0.167, NO, 0, 0.5
         1053, 2.161, 0.167, NO, 0, 0.5,  1054, 2.161, 0.167, NO, 0, 0.5
         1055, 2.161, 0.167, NO, 0, 0.5,  1056, 2.161, 0.167, NO, 0, 0.5
         1057, 2.161, 0.167, NO, 0, 0.5,  1058, 2.161, 0.167, NO, 0, 0.5
         1059, 2.161, 0.167, NO, 0, 0.5,  1060, 2.161, 0.167, NO, 0, 0.5
         1061, 2.161, 0.167, NO, 0, 0.5,  1062, 2.161, 0.167, NO, 0, 0.5
         1063, 2.161, 0.167, NO, 0, 0.5,  1064, 2.161, 0.167, NO, 0, 0.5
         1065, 2.161, 0.167, NO, 0, 0.5,  1066, 2.161, 0.167, NO, 0, 0.5
         1067, 2.161, 0.167, NO, 0, 0.5,  1068, 2.161, 0.167, NO, 0, 0.5
         1069, 2.161, 0.167, NO, 0, 0.5,  1070, 2.161, 0.167, NO, 0, 0.5
         1071, 2.161, 0.167, NO, 0, 0.5,  1072, 2.161, 0.167, NO, 0, 0.5
         1073, 2.161, 0.167, NO, 0, 0.5,  1074, 2.161, 0.167, YES, 0, 0.5
         1075, 2.161, 0.167, NO, 0, 0.5,  1076, 2.161, 0.167, NO, 0, 0.5
         1077, 2.161, 0.167, NO, 0, 0.5,  1078, 2.161, 0.167, NO, 0, 0.5
         1079, 2.161, 0.167, NO, 0, 0.5,  1080, 2.161, 0.167, NO, 0, 0.5
         1081, 2.161, 0.167, NO, 0, 0.5,  1082, 2.161, 0.167, NO, 0, 0.5
         1083, 2.161, 0.167, NO, 0, 0.5,  1084, 2.161, 0.167, NO, 0, 0.5
         1085, 2.161, 0.167, NO, 0, 0.5,  1086, 2.161, 0.167, NO, 0, 0.5
         1087, 2.161, 0.167, NO, 0, 0.5,  1088, 2.161, 0.167, NO, 0, 0.5
         1089, 2.161, 0.167, NO, 0, 0.5,  1090, 2.161, 0.167, NO, 0, 0.5
         1091, 2.161, 0.167, NO, 0, 0.5,  1092, 2.161, 0.167, NO, 0, 0.5
         1093, 2.161, 0.167, NO, 0, 0.5,  1094, 2.161, 0.167, NO, 0, 0.5
         1095, 2.161, 0.167, NO, 0, 0.5,  1096, 2.161, 0.167, NO, 0, 0.5
         1097, 2.161, 0.167, NO, 0, 0.5,  1098, 2.161, 0.167, NO, 0, 0.5
         1099, 2.161, 0.167, NO, 0, 0.5,  1100, 2.161, 0.167, NO, 0, 0.5
         1101, 2.161, 0.167, NO, 0, 0.5,  1102, 2.161, 0.167, NO, 0, 0.5
         1103, 2.161, 0.167, NO, 0, 0.5,  1104, 2.161, 0.167, NO, 0, 0.5
         1105, 2.161, 0.167, NO, 0, 0.5,  1106, 2.161, 0.167, NO, 0, 0.5
         1107, 2.161, 0.167, NO, 0, 0.5,  1108, 2.161, 0.167, NO, 0, 0.5
         1109, 2.161, 0.167, NO, 0, 0.5,  1110, 2.161, 0.167, YES, 0, 0.5
         1111, 2.161, 0.167, NO, 0, 0.5,  1112, 2.161, 0.167, NO, 0, 0.5
         1113, 2.161, 0.167, NO, 0, 0.5,  1114, 2.161, 0.167, NO, 0, 0.5
         1115, 2.161, 0.167, NO, 0, 0.5,  1116, 2.161, 0.167, NO, 0, 0.5
         1117, 2.161, 0.167, NO, 0, 0.5,  1118, 2.161, 0.167, NO, 0, 0.5
         1119, 2.161, 0.167, NO, 0, 0.5,  1120, 2.161, 0.167, NO, 0, 0.5
         1121, 2.161, 0.167, NO, 0, 0.5,  1122, 2.161, 0.167, NO, 0, 0.5
         1123, 2.161, 0.167, NO, 0, 0.5,  1124, 2.161, 0.167, NO, 0, 0.5
         1125, 2.161, 0.167, NO, 0, 0.5,  1126, 2.161, 0.167, NO, 0, 0.5
         1127, 2.161, 0.167, NO, 0, 0.5,  1128, 2.161, 0.167, NO, 0, 0.5
         1129, 2.161, 0.167, NO, 0, 0.5,  1130, 2.161, 0.167, NO, 0, 0.5
         1131, 2.161, 0.167, NO, 0, 0.5,  1132, 2.161, 0.167, NO, 0, 0.5
         1133, 2.161, 0.167, NO, 0, 0.5,  1134, 2.161, 0.167, NO, 0, 0.5
         1135, 2.161, 0.167, NO, 0, 0.5,  1136, 2.161, 0.167, NO, 0, 0.5
         1137, 2.161, 0.167, NO, 0, 0.5,  1138, 2.161, 0.167, NO, 0, 0.5
         1139, 2.161, 0.167, NO, 0, 0.5,  1140, 2.161, 0.167, NO, 0, 0.5
         1141, 2.161, 0.167, NO, 0, 0.5,  1142, 2.161, 0.167, NO, 0, 0.5
         1143, 2.161, 0.167, NO, 0, 0.5,  1144, 2.161, 0.167, NO, 0, 0.5
```



```
         1145, 2.161, 0.167, NO, 0, 0.5,  1146, 2.161, 0.168, YES, 0, 0.5
         1147, 2.161, 0.168, NO, 0, 0.5,  1148, 2.161, 0.168, NO, 0, 0.5
         1149, 2.161, 0.168, NO, 0, 0.5,  1150, 2.161, 0.168, NO, 0, 0.5
         1151, 2.161, 0.168, NO, 0, 0.5,  1152, 2.161, 0.168, NO, 0, 0.5
         1153, 2.161, 0.168, NO, 0, 0.5,  1154, 2.161, 0.168, NO, 0, 0.5
         1155, 2.161, 0.168, NO, 0, 0.5,  1156, 2.161, 0.168, NO, 0, 0.5
         1157, 2.161, 0.168, NO, 0, 0.5,  1158, 2.161, 0.168, NO, 0, 0.5
         1159, 2.161, 0.168, NO, 0, 0.5,  1160, 2.161, 0.168, NO, 0, 0.5
         1161, 2.161, 0.168, NO, 0, 0.5,  1162, 2.161, 0.168, NO, 0, 0.5
         1163, 2.161, 0.168, NO, 0, 0.5,  1164, 2.161, 0.168, NO, 0, 0.5
         1165, 2.161, 0.168, NO, 0, 0.5,  1166, 2.161, 0.168, NO, 0, 0.5
         1167, 2.161, 0.168, NO, 0, 0.5,  1168, 2.161, 0.168, NO, 0, 0.5
         1169, 2.161, 0.168, NO, 0, 0.5,  1170, 2.161, 0.168, NO, 0, 0.5
         1171, 2.161, 0.168, NO, 0, 0.5,  1172, 2.161, 0.168, NO, 0, 0.5
         1173, 2.161, 0.168, NO, 0, 0.5,  1174, 2.161, 0.168, NO, 0, 0.5
         1175, 2.161, 0.168, NO, 0, 0.5,  1176, 2.161, 0.168, NO, 0, 0.5
         1177, 2.161, 0.168, NO, 0, 0.5,  1178, 2.161, 0.168, NO, 0, 0.5
         1179, 2.161, 0.168, NO, 0, 0.5,  1180, 2.161, 0.168, NO, 0, 0.5
         1181, 2.161, 0.168, NO, 0, 0.5,  1182, 2.161, 0.168, NO, 0, 0.5
   NAME=LL3, CROSS, CB, 0, 0, BOTH, 3, 1.8, NO, 3
         2001, -2.432, 0.168, YES, 0, 0.5,  2002, -2.432, 0.168, NO, 0, 0.5
         2003, -2.432, 0.168, NO, 0, 0.5,  2004, -2.432, 0.168, NO, 0, 0.5
         2005, -2.432, 0.168, NO, 0, 0.5,  2006, -2.432, 0.168, NO, 0, 0.5
         2007, -2.432, 0.168, NO, 0, 0.5,  2008, -2.432, 0.168, NO, 0, 0.5
         2009, -2.432, 0.168, NO, 0, 0.5,  2010, -2.432, 0.168, NO, 0, 0.5
         2011, -2.432, 0.168, NO, 0, 0.5,  2012, -2.432, 0.168, NO, 0, 0.5
         2013, -2.432, 0.168, NO, 0, 0.5,  2014, -2.432, 0.168, NO, 0, 0.5
         2015, -2.432, 0.168, NO, 0, 0.5,  2016, -2.432, 0.168, NO, 0, 0.5
         2017, -2.432, 0.168, NO, 0, 0.5,  2018, -2.432, 0.168, NO, 0, 0.5
         2019, -2.432, 0.168, NO, 0, 0.5,  2020, -2.432, 0.168, NO, 0, 0.5
         2021, -2.432, 0.168, NO, 0, 0.5,  2022, -2.432, 0.168, NO, 0, 0.5
         2023, -2.432, 0.168, NO, 0, 0.5,  2024, -2.432, 0.168, NO, 0, 0.5
         2025, -2.432, 0.168, NO, 0, 0.5,  2026, -2.432, 0.168, NO, 0, 0.5
         2027, -2.432, 0.168, NO, 0, 0.5,  2028, -2.432, 0.168, NO, 0, 0.5
         2029, -2.432, 0.168, NO, 0, 0.5,  2030, -2.432, 0.168, NO, 0, 0.5
         2031, -2.432, 0.168, NO, 0, 0.5,  2032, -2.432, 0.168, NO, 0, 0.5
         2033, -2.432, 0.168, NO, 0, 0.5,  2034, -2.432, 0.168, NO, 0, 0.5
         2035, -2.432, 0.168, NO, 0, 0.5,  2036, -2.432, 0.168, NO, 0, 0.5
         2037, -2.432, 0.168, NO, 0, 0.5,  2038, -2.432, 0.167, YES, 0, 0.5
         2039, -2.432, 0.167, NO, 0, 0.5,  2040, -2.432, 0.167, NO, 0, 0.5
         2041, -2.432, 0.167, NO, 0, 0.5,  2042, -2.432, 0.167, NO, 0, 0.5
         2043, -2.432, 0.167, NO, 0, 0.5,  2044, -2.432, 0.167, NO, 0, 0.5
         2045, -2.432, 0.167, NO, 0, 0.5,  2046, -2.432, 0.167, NO, 0, 0.5
         2047, -2.432, 0.167, NO, 0, 0.5,  2048, -2.432, 0.167, NO, 0, 0.5
         2049, -2.432, 0.167, NO, 0, 0.5,  2050, -2.432, 0.167, NO, 0, 0.5
         2051, -2.432, 0.167, NO, 0, 0.5,  2052, -2.432, 0.167, NO, 0, 0.5
         2053, -2.432, 0.167, NO, 0, 0.5,  2054, -2.432, 0.167, NO, 0, 0.5
         2055, -2.432, 0.167, NO, 0, 0.5,  2056, -2.432, 0.167, NO, 0, 0.5
         2057, -2.432, 0.167, NO, 0, 0.5,  2058, -2.432, 0.167, NO, 0, 0.5
         2059, -2.432, 0.167, NO, 0, 0.5,  2060, -2.432, 0.167, NO, 0, 0.5
         2061, -2.432, 0.167, NO, 0, 0.5,  2062, -2.432, 0.167, NO, 0, 0.5
         2063, -2.432, 0.167, NO, 0, 0.5,  2064, -2.432, 0.167, NO, 0, 0.5
         2065, -2.432, 0.167, NO, 0, 0.5,  2066, -2.432, 0.167, NO, 0, 0.5
         2067, -2.432, 0.167, NO, 0, 0.5,  2068, -2.432, 0.167, NO, 0, 0.5
         2069, -2.432, 0.167, NO, 0, 0.5,  2070, -2.432, 0.167, NO, 0, 0.5
         2071, -2.432, 0.167, NO, 0, 0.5,  2072, -2.432, 0.167, NO, 0, 0.5
```

```
        2073, -2.432, 0.167, NO, 0, 0.5,  2074, -2.432, 0.167, YES, 0, 0.5
        2075, -2.432, 0.167, NO, 0, 0.5,  2076, -2.432, 0.167, NO, 0, 0.5
        2077, -2.432, 0.167, NO, 0, 0.5,  2078, -2.432, 0.167, NO, 0, 0.5
        2079, -2.432, 0.167, NO, 0, 0.5,  2080, -2.432, 0.167, NO, 0, 0.5
        2081, -2.432, 0.167, NO, 0, 0.5,  2082, -2.432, 0.167, NO, 0, 0.5
        2083, -2.432, 0.167, NO, 0, 0.5,  2084, -2.432, 0.167, NO, 0, 0.5
        2085, -2.432, 0.167, NO, 0, 0.5,  2086, -2.432, 0.167, NO, 0, 0.5
        2087, -2.432, 0.167, NO, 0, 0.5,  2088, -2.432, 0.167, NO, 0, 0.5
        2089, -2.432, 0.167, NO, 0, 0.5,  2090, -2.432, 0.167, NO, 0, 0.5
        2091, -2.432, 0.167, NO, 0, 0.5,  2092, -2.432, 0.167, NO, 0, 0.5
        2093, -2.432, 0.167, NO, 0, 0.5,  2094, -2.432, 0.167, NO, 0, 0.5
        2095, -2.432, 0.167, NO, 0, 0.5,  2096, -2.432, 0.167, NO, 0, 0.5
        2097, -2.432, 0.167, NO, 0, 0.5,  2098, -2.432, 0.167, NO, 0, 0.5
        2099, -2.432, 0.167, NO, 0, 0.5,  2100, -2.432, 0.167, NO, 0, 0.5
        2101, -2.432, 0.167, NO, 0, 0.5,  2102, -2.432, 0.167, NO, 0, 0.5
        2103, -2.432, 0.167, NO, 0, 0.5,  2104, -2.432, 0.167, NO, 0, 0.5
        2105, -2.432, 0.167, NO, 0, 0.5,  2106, -2.432, 0.167, NO, 0, 0.5
        2107, -2.432, 0.167, NO, 0, 0.5,  2108, -2.432, 0.167, NO, 0, 0.5
        2109, -2.432, 0.167, NO, 0, 0.5,  2110, -2.432, 0.167, YES, 0, 0.5
        2111, -2.432, 0.167, NO, 0, 0.5,  2112, -2.432, 0.167, NO, 0, 0.5
        2113, -2.432, 0.167, NO, 0, 0.5,  2114, -2.432, 0.167, NO, 0, 0.5
        2115, -2.432, 0.167, NO, 0, 0.5,  2116, -2.432, 0.167, NO, 0, 0.5
        2117, -2.432, 0.167, NO, 0, 0.5,  2118, -2.432, 0.167, NO, 0, 0.5
        2119, -2.432, 0.167, NO, 0, 0.5,  2120, -2.432, 0.167, NO, 0, 0.5
        2121, -2.432, 0.167, NO, 0, 0.5,  2122, -2.432, 0.167, NO, 0, 0.5
        2123, -2.432, 0.167, NO, 0, 0.5,  2124, -2.432, 0.167, NO, 0, 0.5
        2125, -2.432, 0.167, NO, 0, 0.5,  2126, -2.432, 0.167, NO, 0, 0.5
        2127, -2.432, 0.167, NO, 0, 0.5,  2128, -2.432, 0.167, NO, 0, 0.5
        2129, -2.432, 0.167, NO, 0, 0.5,  2130, -2.432, 0.167, NO, 0, 0.5
        2131, -2.432, 0.167, NO, 0, 0.5,  2132, -2.432, 0.167, NO, 0, 0.5
        2133, -2.432, 0.167, NO, 0, 0.5,  2134, -2.432, 0.167, NO, 0, 0.5
        2135, -2.432, 0.167, NO, 0, 0.5,  2136, -2.432, 0.167, NO, 0, 0.5
        2137, -2.432, 0.167, NO, 0, 0.5,  2138, -2.432, 0.167, NO, 0, 0.5
        2139, -2.432, 0.167, NO, 0, 0.5,  2140, -2.432, 0.167, NO, 0, 0.5
        2141, -2.432, 0.167, NO, 0, 0.5,  2142, -2.432, 0.167, NO, 0, 0.5
        2143, -2.432, 0.167, NO, 0, 0.5,  2144, -2.432, 0.167, NO, 0, 0.5
        2145, -2.432, 0.167, NO, 0, 0.5,  2146, -2.432, 0.168, YES, 0, 0.5
        2147, -2.432, 0.168, NO, 0, 0.5,  2148, -2.432, 0.168, NO, 0, 0.5
        2149, -2.432, 0.168, NO, 0, 0.5,  2150, -2.432, 0.168, NO, 0, 0.5
        2151, -2.432, 0.168, NO, 0, 0.5,  2152, -2.432, 0.168, NO, 0, 0.5
        2153, -2.432, 0.168, NO, 0, 0.5,  2154, -2.432, 0.168, NO, 0, 0.5
        2155, -2.432, 0.168, NO, 0, 0.5,  2156, -2.432, 0.168, NO, 0, 0.5
        2157, -2.432, 0.168, NO, 0, 0.5,  2158, -2.432, 0.168, NO, 0, 0.5
        2159, -2.432, 0.168, NO, 0, 0.5,  2160, -2.432, 0.168, NO, 0, 0.5
        2161, -2.432, 0.168, NO, 0, 0.5,  2162, -2.432, 0.168, NO, 0, 0.5
        2163, -2.432, 0.168, NO, 0, 0.5,  2164, -2.432, 0.168, NO, 0, 0.5
        2165, -2.432, 0.168, NO, 0, 0.5,  2166, -2.432, 0.168, NO, 0, 0.5
        2167, -2.432, 0.168, NO, 0, 0.5,  2168, -2.432, 0.168, NO, 0, 0.5
        2169, -2.432, 0.168, NO, 0, 0.5,  2170, -2.432, 0.168, NO, 0, 0.5
        2171, -2.432, 0.168, NO, 0, 0.5,  2172, -2.432, 0.168, NO, 0, 0.5
        2173, -2.432, 0.168, NO, 0, 0.5,  2174, -2.432, 0.168, NO, 0, 0.5
        2175, -2.432, 0.168, NO, 0, 0.5,  2176, -2.432, 0.168, NO, 0, 0.5
        2177, -2.432, 0.168, NO, 0, 0.5,  2178, -2.432, 0.168, NO, 0, 0.5
        2179, -2.432, 0.168, NO, 0, 0.5,  2180, -2.432, 0.168, NO, 0, 0.5
        2181, -2.432, 0.168, NO, 0, 0.5,  2182, -2.432, 0.168, NO, 0, 0.5
NAME=LL4, LANE, , 0, 0, BOTH, 3, 1.8, NO, 3
```



```
        2001, 0.924, 0.168, YES, 0, 0.5,  2002, 0.924, 0.168, NO, 0, 0.5
        2003, 0.924, 0.168, NO, 0, 0.5,  2004, 0.924, 0.168, NO, 0, 0.5
        2005, 0.924, 0.168, NO, 0, 0.5,  2006, 0.924, 0.168, NO, 0, 0.5
        2007, 0.924, 0.168, NO, 0, 0.5,  2008, 0.924, 0.168, NO, 0, 0.5
        2009, 0.924, 0.168, NO, 0, 0.5,  2010, 0.924, 0.168, NO, 0, 0.5
        2011, 0.924, 0.168, NO, 0, 0.5,  2012, 0.924, 0.168, NO, 0, 0.5
        2013, 0.924, 0.168, NO, 0, 0.5,  2014, 0.924, 0.168, NO, 0, 0.5
        2015, 0.924, 0.168, NO, 0, 0.5,  2016, 0.924, 0.168, NO, 0, 0.5
        2017, 0.924, 0.168, NO, 0, 0.5,  2018, 0.924, 0.168, NO, 0, 0.5
        2019, 0.924, 0.168, NO, 0, 0.5,  2020, 0.924, 0.168, NO, 0, 0.5
        2021, 0.924, 0.168, NO, 0, 0.5,  2022, 0.924, 0.168, NO, 0, 0.5
        2023, 0.924, 0.168, NO, 0, 0.5,  2024, 0.924, 0.168, NO, 0, 0.5
        2025, 0.924, 0.168, NO, 0, 0.5,  2026, 0.924, 0.168, NO, 0, 0.5
        2027, 0.924, 0.168, NO, 0, 0.5,  2028, 0.924, 0.168, NO, 0, 0.5
        2029, 0.924, 0.168, NO, 0, 0.5,  2030, 0.924, 0.168, NO, 0, 0.5
        2031, 0.924, 0.168, NO, 0, 0.5,  2032, 0.924, 0.168, NO, 0, 0.5
        2033, 0.924, 0.168, NO, 0, 0.5,  2034, 0.924, 0.168, NO, 0, 0.5
        2035, 0.924, 0.168, NO, 0, 0.5,  2036, 0.924, 0.168, NO, 0, 0.5
        2037, 0.924, 0.168, NO, 0, 0.5,  2038, 0.924, 0.167, YES, 0, 0.5
        2039, 0.924, 0.167, NO, 0, 0.5,  2040, 0.924, 0.167, NO, 0, 0.5
        2041, 0.924, 0.167, NO, 0, 0.5,  2042, 0.924, 0.167, NO, 0, 0.5
        2043, 0.924, 0.167, NO, 0, 0.5,  2044, 0.924, 0.167, NO, 0, 0.5
        2045, 0.924, 0.167, NO, 0, 0.5,  2046, 0.924, 0.167, NO, 0, 0.5
        2047, 0.924, 0.167, NO, 0, 0.5,  2048, 0.924, 0.167, NO, 0, 0.5
        2049, 0.924, 0.167, NO, 0, 0.5,  2050, 0.924, 0.167, NO, 0, 0.5
        2051, 0.924, 0.167, NO, 0, 0.5,  2052, 0.924, 0.167, NO, 0, 0.5
        2053, 0.924, 0.167, NO, 0, 0.5,  2054, 0.924, 0.167, NO, 0, 0.5
        2055, 0.924, 0.167, NO, 0, 0.5,  2056, 0.924, 0.167, NO, 0, 0.5
        2057, 0.924, 0.167, NO, 0, 0.5,  2058, 0.924, 0.167, NO, 0, 0.5
        2059, 0.924, 0.167, NO, 0, 0.5,  2060, 0.924, 0.167, NO, 0, 0.5
        2061, 0.924, 0.167, NO, 0, 0.5,  2062, 0.924, 0.167, NO, 0, 0.5
        2063, 0.924, 0.167, NO, 0, 0.5,  2064, 0.924, 0.167, NO, 0, 0.5
        2065, 0.924, 0.167, NO, 0, 0.5,  2066, 0.924, 0.167, NO, 0, 0.5
        2067, 0.924, 0.167, NO, 0, 0.5,  2068, 0.924, 0.167, NO, 0, 0.5
        2069, 0.924, 0.167, NO, 0, 0.5,  2070, 0.924, 0.167, NO, 0, 0.5
        2071, 0.924, 0.167, NO, 0, 0.5,  2072, 0.924, 0.167, NO, 0, 0.5
        2073, 0.924, 0.167, NO, 0, 0.5,  2074, 0.924, 0.167, YES, 0, 0.5
        2075, 0.924, 0.167, NO, 0, 0.5,  2076, 0.924, 0.167, NO, 0, 0.5
        2077, 0.924, 0.167, NO, 0, 0.5,  2078, 0.924, 0.167, NO, 0, 0.5
        2079, 0.924, 0.167, NO, 0, 0.5,  2080, 0.924, 0.167, NO, 0, 0.5
        2081, 0.924, 0.167, NO, 0, 0.5,  2082, 0.924, 0.167, NO, 0, 0.5
        2083, 0.924, 0.167, NO, 0, 0.5,  2084, 0.924, 0.167, NO, 0, 0.5
        2085, 0.924, 0.167, NO, 0, 0.5,  2086, 0.924, 0.167, NO, 0, 0.5
        2087, 0.924, 0.167, NO, 0, 0.5,  2088, 0.924, 0.167, NO, 0, 0.5
        2089, 0.924, 0.167, NO, 0, 0.5,  2090, 0.924, 0.167, NO, 0, 0.5
        2091, 0.924, 0.167, NO, 0, 0.5,  2092, 0.924, 0.167, NO, 0, 0.5
        2093, 0.924, 0.167, NO, 0, 0.5,  2094, 0.924, 0.167, NO, 0, 0.5
        2095, 0.924, 0.167, NO, 0, 0.5,  2096, 0.924, 0.167, NO, 0, 0.5
        2097, 0.924, 0.167, NO, 0, 0.5,  2098, 0.924, 0.167, NO, 0, 0.5
        2099, 0.924, 0.167, NO, 0, 0.5,  2100, 0.924, 0.167, NO, 0, 0.5
        2101, 0.924, 0.167, NO, 0, 0.5,  2102, 0.924, 0.167, NO, 0, 0.5
        2103, 0.924, 0.167, NO, 0, 0.5,  2104, 0.924, 0.167, NO, 0, 0.5
        2105, 0.924, 0.167, NO, 0, 0.5,  2106, 0.924, 0.167, NO, 0, 0.5
        2107, 0.924, 0.167, NO, 0, 0.5,  2108, 0.924, 0.167, NO, 0, 0.5
        2109, 0.924, 0.167, NO, 0, 0.5,  2110, 0.924, 0.167, YES, 0, 0.5
        2111, 0.924, 0.167, NO, 0, 0.5,  2112, 0.924, 0.167, NO, 0, 0.5
        2113, 0.924, 0.167, NO, 0, 0.5,  2114, 0.924, 0.167, NO, 0, 0.5
        2115, 0.924, 0.167, NO, 0, 0.5,  2116, 0.924, 0.167, NO, 0, 0.5
        2117, 0.924, 0.167, NO, 0, 0.5,  2118, 0.924, 0.167, NO, 0, 0.5
        2119, 0.924, 0.167, NO, 0, 0.5,  2120, 0.924, 0.167, NO, 0, 0.5
        2121, 0.924, 0.167, NO, 0, 0.5,  2122, 0.924, 0.167, NO, 0, 0.5
        2123, 0.924, 0.167, NO, 0, 0.5,  2124, 0.924, 0.167, NO, 0, 0.5
        2125, 0.924, 0.167, NO, 0, 0.5,  2126, 0.924, 0.167, NO, 0, 0.5
        2127, 0.924, 0.167, NO, 0, 0.5,  2128, 0.924, 0.167, NO, 0, 0.5
        2129, 0.924, 0.167, NO, 0, 0.5,  2130, 0.924, 0.167, NO, 0, 0.5
        2131, 0.924, 0.167, NO, 0, 0.5,  2132, 0.924, 0.167, NO, 0, 0.5
        2133, 0.924, 0.167, NO, 0, 0.5,  2134, 0.924, 0.167, NO, 0, 0.5
        2135, 0.924, 0.167, NO, 0, 0.5,  2136, 0.924, 0.167, NO, 0, 0.5
        2137, 0.924, 0.167, NO, 0, 0.5,  2138, 0.924, 0.167, NO, 0, 0.5
        2139, 0.924, 0.167, NO, 0, 0.5,  2140, 0.924, 0.167, NO, 0, 0.5
        2141, 0.924, 0.167, NO, 0, 0.5,  2142, 0.924, 0.167, NO, 0, 0.5
        2143, 0.924, 0.167, NO, 0, 0.5,  2144, 0.924, 0.167, NO, 0, 0.5
        2145, 0.924, 0.167, NO, 0, 0.5,  2146, 0.924, 0.168, YES, 0, 0.5
        2147, 0.924, 0.168, NO, 0, 0.5,  2148, 0.924, 0.168, NO, 0, 0.5
        2149, 0.924, 0.168, NO, 0, 0.5,  2150, 0.924, 0.168, NO, 0, 0.5
        2151, 0.924, 0.168, NO, 0, 0.5,  2152, 0.924, 0.168, NO, 0, 0.5
        2153, 0.924, 0.168, NO, 0, 0.5,  2154, 0.924, 0.168, NO, 0, 0.5
        2155, 0.924, 0.168, NO, 0, 0.5,  2156, 0.924, 0.168, NO, 0, 0.5
        2157, 0.924, 0.168, NO, 0, 0.5,  2158, 0.924, 0.168, NO, 0, 0.5
        2159, 0.924, 0.168, NO, 0, 0.5,  2160, 0.924, 0.168, NO, 0, 0.5
        2161, 0.924, 0.168, NO, 0, 0.5,  2162, 0.924, 0.168, NO, 0, 0.5
        2163, 0.924, 0.168, NO, 0, 0.5,  2164, 0.924, 0.168, NO, 0, 0.5
        2165, 0.924, 0.168, NO, 0, 0.5,  2166, 0.924, 0.168, NO, 0, 0.5
        2167, 0.924, 0.168, NO, 0, 0.5,  2168, 0.924, 0.168, NO, 0, 0.5
        2169, 0.924, 0.168, NO, 0, 0.5,  2170, 0.924, 0.168, NO, 0, 0.5
        2171, 0.924, 0.168, NO, 0, 0.5,  2172, 0.924, 0.168, NO, 0, 0.5
        2173, 0.924, 0.168, NO, 0, 0.5,  2174, 0.924, 0.168, NO, 0, 0.5
        2175, 0.924, 0.168, NO, 0, 0.5,  2176, 0.924, 0.168, NO, 0, 0.5
        2177, 0.924, 0.168, NO, 0, 0.5,  2178, 0.924, 0.168, NO, 0, 0.5
        2179, 0.924, 0.168, NO, 0, 0.5,  2180, 0.924, 0.168, NO, 0, 0.5
        2181, 0.924, 0.168, NO, 0, 0.5,  2182, 0.924, 0.168, NO, 0, 0.5
NAME=LR1, LANE, , 0, 0, BOTH, 3, 1.8, NO, 3
        1001, -0.839, 0.168, YES, 0, 0.5,  1002, -0.839, 0.168, NO, 0, 0.5
        1003, -0.839, 0.168, NO, 0, 0.5,  1004, -0.839, 0.168, NO, 0, 0.5
        1005, -0.839, 0.168, NO, 0, 0.5,  1006, -0.839, 0.168, NO, 0, 0.5
        1007, -0.839, 0.168, NO, 0, 0.5,  1008, -0.839, 0.168, NO, 0, 0.5
        1009, -0.839, 0.168, NO, 0, 0.5,  1010, -0.839, 0.168, NO, 0, 0.5
        1011, -0.839, 0.168, NO, 0, 0.5,  1012, -0.839, 0.168, NO, 0, 0.5
        1013, -0.839, 0.168, NO, 0, 0.5,  1014, -0.839, 0.168, NO, 0, 0.5
        1015, -0.839, 0.168, NO, 0, 0.5,  1016, -0.839, 0.168, NO, 0, 0.5
        1017, -0.839, 0.168, NO, 0, 0.5,  1018, -0.839, 0.168, NO, 0, 0.5
        1019, -0.839, 0.168, NO, 0, 0.5,  1020, -0.839, 0.168, NO, 0, 0.5
        1021, -0.839, 0.168, NO, 0, 0.5,  1022, -0.839, 0.168, NO, 0, 0.5
        1023, -0.839, 0.168, NO, 0, 0.5,  1024, -0.839, 0.168, NO, 0, 0.5
        1025, -0.839, 0.168, NO, 0, 0.5,  1026, -0.839, 0.168, NO, 0, 0.5
        1027, -0.839, 0.168, NO, 0, 0.5,  1028, -0.839, 0.168, NO, 0, 0.5
        1029, -0.839, 0.168, NO, 0, 0.5,  1030, -0.839, 0.168, NO, 0, 0.5
        1031, -0.839, 0.168, NO, 0, 0.5,  1032, -0.839, 0.168, NO, 0, 0.5
        1033, -0.839, 0.168, NO, 0, 0.5,  1034, -0.839, 0.168, NO, 0, 0.5
        1035, -0.839, 0.168, NO, 0, 0.5,  1036, -0.839, 0.168, NO, 0, 0.5
        1037, -0.839, 0.168, NO, 0, 0.5,  1038, -0.839, 0.167, YES, 0, 0.5
        1039, -0.839, 0.167, NO, 0, 0.5,  1040, -0.839, 0.167, NO, 0, 0.5
```



```
        1041, -0.839, 0.167, NO, 0, 0.5,  1042, -0.839, 0.167, NO, 0, 0.5
        1043, -0.839, 0.167, NO, 0, 0.5,  1044, -0.839, 0.167, NO, 0, 0.5
        1045, -0.839, 0.167, NO, 0, 0.5,  1046, -0.839, 0.167, NO, 0, 0.5
        1047, -0.839, 0.167, NO, 0, 0.5,  1048, -0.839, 0.167, NO, 0, 0.5
        1049, -0.839, 0.167, NO, 0, 0.5,  1050, -0.839, 0.167, NO, 0, 0.5
        1051, -0.839, 0.167, NO, 0, 0.5,  1052, -0.839, 0.167, NO, 0, 0.5
        1053, -0.839, 0.167, NO, 0, 0.5,  1054, -0.839, 0.167, NO, 0, 0.5
        1055, -0.839, 0.167, NO, 0, 0.5,  1056, -0.839, 0.167, NO, 0, 0.5
        1057, -0.839, 0.167, NO, 0, 0.5,  1058, -0.839, 0.167, NO, 0, 0.5
        1059, -0.839, 0.167, NO, 0, 0.5,  1060, -0.839, 0.167, NO, 0, 0.5
        1061, -0.839, 0.167, NO, 0, 0.5,  1062, -0.839, 0.167, NO, 0, 0.5
        1063, -0.839, 0.167, NO, 0, 0.5,  1064, -0.839, 0.167, NO, 0, 0.5
        1065, -0.839, 0.167, NO, 0, 0.5,  1066, -0.839, 0.167, NO, 0, 0.5
        1067, -0.839, 0.167, NO, 0, 0.5,  1068, -0.839, 0.167, NO, 0, 0.5
        1069, -0.839, 0.167, NO, 0, 0.5,  1070, -0.839, 0.167, NO, 0, 0.5
        1071, -0.839, 0.167, NO, 0, 0.5,  1072, -0.839, 0.167, NO, 0, 0.5
        1073, -0.839, 0.167, NO, 0, 0.5,  1074, -0.839, 0.167, YES, 0, 0.5
        1075, -0.839, 0.167, NO, 0, 0.5,  1076, -0.839, 0.167, NO, 0, 0.5
        1077, -0.839, 0.167, NO, 0, 0.5,  1078, -0.839, 0.167, NO, 0, 0.5
        1079, -0.839, 0.167, NO, 0, 0.5,  1080, -0.839, 0.167, NO, 0, 0.5
        1081, -0.839, 0.167, NO, 0, 0.5,  1082, -0.839, 0.167, NO, 0, 0.5
        1083, -0.839, 0.167, NO, 0, 0.5,  1084, -0.839, 0.167, NO, 0, 0.5
        1085, -0.839, 0.167, NO, 0, 0.5,  1086, -0.839, 0.167, NO, 0, 0.5
        1087, -0.839, 0.167, NO, 0, 0.5,  1088, -0.839, 0.167, NO, 0, 0.5
        1089, -0.839, 0.167, NO, 0, 0.5,  1090, -0.839, 0.167, NO, 0, 0.5
        1091, -0.839, 0.167, NO, 0, 0.5,  1092, -0.839, 0.167, NO, 0, 0.5
        1093, -0.839, 0.167, NO, 0, 0.5,  1094, -0.839, 0.167, NO, 0, 0.5
        1095, -0.839, 0.167, NO, 0, 0.5,  1096, -0.839, 0.167, NO, 0, 0.5
        1097, -0.839, 0.167, NO, 0, 0.5,  1098, -0.839, 0.167, NO, 0, 0.5
        1099, -0.839, 0.167, NO, 0, 0.5,  1100, -0.839, 0.167, NO, 0, 0.5
        1101, -0.839, 0.167, NO, 0, 0.5,  1102, -0.839, 0.167, NO, 0, 0.5
        1103, -0.839, 0.167, NO, 0, 0.5,  1104, -0.839, 0.167, NO, 0, 0.5
        1105, -0.839, 0.167, NO, 0, 0.5,  1106, -0.839, 0.167, NO, 0, 0.5
        1107, -0.839, 0.167, NO, 0, 0.5,  1108, -0.839, 0.167, NO, 0, 0.5
        1109, -0.839, 0.167, NO, 0, 0.5,  1110, -0.839, 0.167, YES, 0, 0.5
        1111, -0.839, 0.167, NO, 0, 0.5,  1112, -0.839, 0.167, NO, 0, 0.5
        1113, -0.839, 0.167, NO, 0, 0.5,  1114, -0.839, 0.167, NO, 0, 0.5
        1115, -0.839, 0.167, NO, 0, 0.5,  1116, -0.839, 0.167, NO, 0, 0.5
        1117, -0.839, 0.167, NO, 0, 0.5,  1118, -0.839, 0.167, NO, 0, 0.5
        1119, -0.839, 0.167, NO, 0, 0.5,  1120, -0.839, 0.167, NO, 0, 0.5
        1121, -0.839, 0.167, NO, 0, 0.5,  1122, -0.839, 0.167, NO, 0, 0.5
        1123, -0.839, 0.167, NO, 0, 0.5,  1124, -0.839, 0.167, NO, 0, 0.5
        1125, -0.839, 0.167, NO, 0, 0.5,  1126, -0.839, 0.167, NO, 0, 0.5
        1127, -0.839, 0.167, NO, 0, 0.5,  1128, -0.839, 0.167, NO, 0, 0.5
        1129, -0.839, 0.167, NO, 0, 0.5,  1130, -0.839, 0.167, NO, 0, 0.5
        1131, -0.839, 0.167, NO, 0, 0.5,  1132, -0.839, 0.167, NO, 0, 0.5
        1133, -0.839, 0.167, NO, 0, 0.5,  1134, -0.839, 0.167, NO, 0, 0.5
        1135, -0.839, 0.167, NO, 0, 0.5,  1136, -0.839, 0.167, NO, 0, 0.5
        1137, -0.839, 0.167, NO, 0, 0.5,  1138, -0.839, 0.167, NO, 0, 0.5
        1139, -0.839, 0.167, NO, 0, 0.5,  1140, -0.839, 0.167, NO, 0, 0.5
        1141, -0.839, 0.167, NO, 0, 0.5,  1142, -0.839, 0.167, NO, 0, 0.5
        1143, -0.839, 0.167, NO, 0, 0.5,  1144, -0.839, 0.167, NO, 0, 0.5
        1145, -0.839, 0.167, NO, 0, 0.5,  1146, -0.839, 0.168, YES, 0, 0.5
        1147, -0.839, 0.168, NO, 0, 0.5,  1148, -0.839, 0.168, NO, 0, 0.5
        1149, -0.839, 0.168, NO, 0, 0.5,  1150, -0.839, 0.168, NO, 0, 0.5
        1151, -0.839, 0.168, NO, 0, 0.5,  1152, -0.839, 0.168, NO, 0, 0.5
```

```
        1153, -0.839, 0.168, NO, 0, 0.5,  1154, -0.839, 0.168, NO, 0, 0.5
        1155, -0.839, 0.168, NO, 0, 0.5,  1156, -0.839, 0.168, NO, 0, 0.5
        1157, -0.839, 0.168, NO, 0, 0.5,  1158, -0.839, 0.168, NO, 0, 0.5
        1159, -0.839, 0.168, NO, 0, 0.5,  1160, -0.839, 0.168, NO, 0, 0.5
        1161, -0.839, 0.168, NO, 0, 0.5,  1162, -0.839, 0.168, NO, 0, 0.5
        1163, -0.839, 0.168, NO, 0, 0.5,  1164, -0.839, 0.168, NO, 0, 0.5
        1165, -0.839, 0.168, NO, 0, 0.5,  1166, -0.839, 0.168, NO, 0, 0.5
        1167, -0.839, 0.168, NO, 0, 0.5,  1168, -0.839, 0.168, NO, 0, 0.5
        1169, -0.839, 0.168, NO, 0, 0.5,  1170, -0.839, 0.168, NO, 0, 0.5
        1171, -0.839, 0.168, NO, 0, 0.5,  1172, -0.839, 0.168, NO, 0, 0.5
        1173, -0.839, 0.168, NO, 0, 0.5,  1174, -0.839, 0.168, NO, 0, 0.5
        1175, -0.839, 0.168, NO, 0, 0.5,  1176, -0.839, 0.168, NO, 0, 0.5
        1177, -0.839, 0.168, NO, 0, 0.5,  1178, -0.839, 0.168, NO, 0, 0.5
        1179, -0.839, 0.168, NO, 0, 0.5,  1180, -0.839, 0.168, NO, 0, 0.5
        1181, -0.839, 0.168, NO, 0, 0.5,  1182, -0.839, 0.168, NO, 0, 0.5
NAME=LR2, CROSS, CB, 0, 0, BOTH, 3, 1.8, NO, 3
        1001, 2.517, 0.168, YES, 0, 0.5,  1002, 2.517, 0.168, NO, 0, 0.5
        1003, 2.517, 0.168, NO, 0, 0.5,  1004, 2.517, 0.168, NO, 0, 0.5
        1005, 2.517, 0.168, NO, 0, 0.5,  1006, 2.517, 0.168, NO, 0, 0.5
        1007, 2.517, 0.168, NO, 0, 0.5,  1008, 2.517, 0.168, NO, 0, 0.5
        1009, 2.517, 0.168, NO, 0, 0.5,  1010, 2.517, 0.168, NO, 0, 0.5
        1011, 2.517, 0.168, NO, 0, 0.5,  1012, 2.517, 0.168, NO, 0, 0.5
        1013, 2.517, 0.168, NO, 0, 0.5,  1014, 2.517, 0.168, NO, 0, 0.5
        1015, 2.517, 0.168, NO, 0, 0.5,  1016, 2.517, 0.168, NO, 0, 0.5
        1017, 2.517, 0.168, NO, 0, 0.5,  1018, 2.517, 0.168, NO, 0, 0.5
        1019, 2.517, 0.168, NO, 0, 0.5,  1020, 2.517, 0.168, NO, 0, 0.5
        1021, 2.517, 0.168, NO, 0, 0.5,  1022, 2.517, 0.168, NO, 0, 0.5
        1023, 2.517, 0.168, NO, 0, 0.5,  1024, 2.517, 0.168, NO, 0, 0.5
        1025, 2.517, 0.168, NO, 0, 0.5,  1026, 2.517, 0.168, NO, 0, 0.5
        1027, 2.517, 0.168, NO, 0, 0.5,  1028, 2.517, 0.168, NO, 0, 0.5
        1029, 2.517, 0.168, NO, 0, 0.5,  1030, 2.517, 0.168, NO, 0, 0.5
        1031, 2.517, 0.168, NO, 0, 0.5,  1032, 2.517, 0.168, NO, 0, 0.5
        1033, 2.517, 0.168, NO, 0, 0.5,  1034, 2.517, 0.168, NO, 0, 0.5
        1035, 2.517, 0.168, NO, 0, 0.5,  1036, 2.517, 0.168, NO, 0, 0.5
        1037, 2.517, 0.168, NO, 0, 0.5,  1038, 2.517, 0.167, YES, 0, 0.5
        1039, 2.517, 0.167, NO, 0, 0.5,  1040, 2.517, 0.167, NO, 0, 0.5
        1041, 2.517, 0.167, NO, 0, 0.5,  1042, 2.517, 0.167, NO, 0, 0.5
        1043, 2.517, 0.167, NO, 0, 0.5,  1044, 2.517, 0.167, NO, 0, 0.5
        1045, 2.517, 0.167, NO, 0, 0.5,  1046, 2.517, 0.167, NO, 0, 0.5
        1047, 2.517, 0.167, NO, 0, 0.5,  1048, 2.517, 0.167, NO, 0, 0.5
        1049, 2.517, 0.167, NO, 0, 0.5,  1050, 2.517, 0.167, NO, 0, 0.5
        1051, 2.517, 0.167, NO, 0, 0.5,  1052, 2.517, 0.167, NO, 0, 0.5
        1053, 2.517, 0.167, NO, 0, 0.5,  1054, 2.517, 0.167, NO, 0, 0.5
        1055, 2.517, 0.167, NO, 0, 0.5,  1056, 2.517, 0.167, NO, 0, 0.5
        1057, 2.517, 0.167, NO, 0, 0.5,  1058, 2.517, 0.167, NO, 0, 0.5
        1059, 2.517, 0.167, NO, 0, 0.5,  1060, 2.517, 0.167, NO, 0, 0.5
        1061, 2.517, 0.167, NO, 0, 0.5,  1062, 2.517, 0.167, NO, 0, 0.5
        1063, 2.517, 0.167, NO, 0, 0.5,  1064, 2.517, 0.167, NO, 0, 0.5
        1065, 2.517, 0.167, NO, 0, 0.5,  1066, 2.517, 0.167, NO, 0, 0.5
        1067, 2.517, 0.167, NO, 0, 0.5,  1068, 2.517, 0.167, NO, 0, 0.5
        1069, 2.517, 0.167, NO, 0, 0.5,  1070, 2.517, 0.167, NO, 0, 0.5
        1071, 2.517, 0.167, NO, 0, 0.5,  1072, 2.517, 0.167, NO, 0, 0.5
        1073, 2.517, 0.167, NO, 0, 0.5,  1074, 2.517, 0.167, YES, 0, 0.5
        1075, 2.517, 0.167, NO, 0, 0.5,  1076, 2.517, 0.167, NO, 0, 0.5
        1077, 2.517, 0.167, NO, 0, 0.5,  1078, 2.517, 0.167, NO, 0, 0.5
        1079, 2.517, 0.167, NO, 0, 0.5,  1080, 2.517, 0.167, NO, 0, 0.5
```



```
        1081, 2.517, 0.167, NO, 0, 0.5,  1082, 2.517, 0.167, NO, 0, 0.5
        1083, 2.517, 0.167, NO, 0, 0.5,  1084, 2.517, 0.167, NO, 0, 0.5
        1085, 2.517, 0.167, NO, 0, 0.5,  1086, 2.517, 0.167, NO, 0, 0.5
        1087, 2.517, 0.167, NO, 0, 0.5,  1088, 2.517, 0.167, NO, 0, 0.5
        1089, 2.517, 0.167, NO, 0, 0.5,  1090, 2.517, 0.167, NO, 0, 0.5
        1091, 2.517, 0.167, NO, 0, 0.5,  1092, 2.517, 0.167, NO, 0, 0.5
        1093, 2.517, 0.167, NO, 0, 0.5,  1094, 2.517, 0.167, NO, 0, 0.5
        1095, 2.517, 0.167, NO, 0, 0.5,  1096, 2.517, 0.167, NO, 0, 0.5
        1097, 2.517, 0.167, NO, 0, 0.5,  1098, 2.517, 0.167, NO, 0, 0.5
        1099, 2.517, 0.167, NO, 0, 0.5,  1100, 2.517, 0.167, NO, 0, 0.5
        1101, 2.517, 0.167, NO, 0, 0.5,  1102, 2.517, 0.167, NO, 0, 0.5
        1103, 2.517, 0.167, NO, 0, 0.5,  1104, 2.517, 0.167, NO, 0, 0.5
        1105, 2.517, 0.167, NO, 0, 0.5,  1106, 2.517, 0.167, NO, 0, 0.5
        1107, 2.517, 0.167, NO, 0, 0.5,  1108, 2.517, 0.167, NO, 0, 0.5
        1109, 2.517, 0.167, NO, 0, 0.5,  1110, 2.517, 0.167, YES, 0, 0.5
        1111, 2.517, 0.167, NO, 0, 0.5,  1112, 2.517, 0.167, NO, 0, 0.5
        1113, 2.517, 0.167, NO, 0, 0.5,  1114, 2.517, 0.167, NO, 0, 0.5
        1115, 2.517, 0.167, NO, 0, 0.5,  1116, 2.517, 0.167, NO, 0, 0.5
        1117, 2.517, 0.167, NO, 0, 0.5,  1118, 2.517, 0.167, NO, 0, 0.5
        1119, 2.517, 0.167, NO, 0, 0.5,  1120, 2.517, 0.167, NO, 0, 0.5
        1121, 2.517, 0.167, NO, 0, 0.5,  1122, 2.517, 0.167, NO, 0, 0.5
        1123, 2.517, 0.167, NO, 0, 0.5,  1124, 2.517, 0.167, NO, 0, 0.5
        1125, 2.517, 0.167, NO, 0, 0.5,  1126, 2.517, 0.167, NO, 0, 0.5
        1127, 2.517, 0.167, NO, 0, 0.5,  1128, 2.517, 0.167, NO, 0, 0.5
        1129, 2.517, 0.167, NO, 0, 0.5,  1130, 2.517, 0.167, NO, 0, 0.5
        1131, 2.517, 0.167, NO, 0, 0.5,  1132, 2.517, 0.167, NO, 0, 0.5
        1133, 2.517, 0.167, NO, 0, 0.5,  1134, 2.517, 0.167, NO, 0, 0.5
        1135, 2.517, 0.167, NO, 0, 0.5,  1136, 2.517, 0.167, NO, 0, 0.5
        1137, 2.517, 0.167, NO, 0, 0.5,  1138, 2.517, 0.167, NO, 0, 0.5
        1139, 2.517, 0.167, NO, 0, 0.5,  1140, 2.517, 0.167, NO, 0, 0.5
        1141, 2.517, 0.167, NO, 0, 0.5,  1142, 2.517, 0.167, NO, 0, 0.5
        1143, 2.517, 0.167, NO, 0, 0.5,  1144, 2.517, 0.167, NO, 0, 0.5
        1145, 2.517, 0.167, NO, 0, 0.5,  1146, 2.517, 0.168, YES, 0, 0.5
        1147, 2.517, 0.168, NO, 0, 0.5,  1148, 2.517, 0.168, NO, 0, 0.5
        1149, 2.517, 0.168, NO, 0, 0.5,  1150, 2.517, 0.168, NO, 0, 0.5
        1151, 2.517, 0.168, NO, 0, 0.5,  1152, 2.517, 0.168, NO, 0, 0.5
        1153, 2.517, 0.168, NO, 0, 0.5,  1154, 2.517, 0.168, NO, 0, 0.5
        1155, 2.517, 0.168, NO, 0, 0.5,  1156, 2.517, 0.168, NO, 0, 0.5
        1157, 2.517, 0.168, NO, 0, 0.5,  1158, 2.517, 0.168, NO, 0, 0.5
        1159, 2.517, 0.168, NO, 0, 0.5,  1160, 2.517, 0.168, NO, 0, 0.5
        1161, 2.517, 0.168, NO, 0, 0.5,  1162, 2.517, 0.168, NO, 0, 0.5
        1163, 2.517, 0.168, NO, 0, 0.5,  1164, 2.517, 0.168, NO, 0, 0.5
        1165, 2.517, 0.168, NO, 0, 0.5,  1166, 2.517, 0.168, NO, 0, 0.5
        1167, 2.517, 0.168, NO, 0, 0.5,  1168, 2.517, 0.168, NO, 0, 0.5
        1169, 2.517, 0.168, NO, 0, 0.5,  1170, 2.517, 0.168, NO, 0, 0.5
        1171, 2.517, 0.168, NO, 0, 0.5,  1172, 2.517, 0.168, NO, 0, 0.5
        1173, 2.517, 0.168, NO, 0, 0.5,  1174, 2.517, 0.168, NO, 0, 0.5
        1175, 2.517, 0.168, NO, 0, 0.5,  1176, 2.517, 0.168, NO, 0, 0.5
        1177, 2.517, 0.168, NO, 0, 0.5,  1178, 2.517, 0.168, NO, 0, 0.5
        1179, 2.517, 0.168, NO, 0, 0.5,  1180, 2.517, 0.168, NO, 0, 0.5
        1181, 2.517, 0.168, NO, 0, 0.5,  1182, 2.517, 0.168, NO, 0, 0.5
NAME=LR3, CROSS, CB, 0, 0, BOTH, 3, 1.8, NO, 3
        2001, -2.076, 0.168, YES, 0, 0.5,  2002, -2.076, 0.168, NO, 0, 0.5
        2003, -2.076, 0.168, NO, 0, 0.5,  2004, -2.076, 0.168, NO, 0, 0.5
        2005, -2.076, 0.168, NO, 0, 0.5,  2006, -2.076, 0.168, NO, 0, 0.5
        2007, -2.076, 0.168, NO, 0, 0.5,  2008, -2.076, 0.168, NO, 0, 0.5
```



```
        2009, -2.076, 0.168, NO, 0, 0.5,  2010, -2.076, 0.168, NO, 0, 0.5
        2011, -2.076, 0.168, NO, 0, 0.5,  2012, -2.076, 0.168, NO, 0, 0.5
        2013, -2.076, 0.168, NO, 0, 0.5,  2014, -2.076, 0.168, NO, 0, 0.5
        2015, -2.076, 0.168, NO, 0, 0.5,  2016, -2.076, 0.168, NO, 0, 0.5
        2017, -2.076, 0.168, NO, 0, 0.5,  2018, -2.076, 0.168, NO, 0, 0.5
        2019, -2.076, 0.168, NO, 0, 0.5,  2020, -2.076, 0.168, NO, 0, 0.5
        2021, -2.076, 0.168, NO, 0, 0.5,  2022, -2.076, 0.168, NO, 0, 0.5
        2023, -2.076, 0.168, NO, 0, 0.5,  2024, -2.076, 0.168, NO, 0, 0.5
        2025, -2.076, 0.168, NO, 0, 0.5,  2026, -2.076, 0.168, NO, 0, 0.5
        2027, -2.076, 0.168, NO, 0, 0.5,  2028, -2.076, 0.168, NO, 0, 0.5
        2029, -2.076, 0.168, NO, 0, 0.5,  2030, -2.076, 0.168, NO, 0, 0.5
        2031, -2.076, 0.168, NO, 0, 0.5,  2032, -2.076, 0.168, NO, 0, 0.5
        2033, -2.076, 0.168, NO, 0, 0.5,  2034, -2.076, 0.168, NO, 0, 0.5
        2035, -2.076, 0.168, NO, 0, 0.5,  2036, -2.076, 0.168, NO, 0, 0.5
        2037, -2.076, 0.168, NO, 0, 0.5,  2038, -2.076, 0.167, YES, 0, 0.5
        2039, -2.076, 0.167, NO, 0, 0.5,  2040, -2.076, 0.167, NO, 0, 0.5
        2041, -2.076, 0.167, NO, 0, 0.5,  2042, -2.076, 0.167, NO, 0, 0.5
        2043, -2.076, 0.167, NO, 0, 0.5,  2044, -2.076, 0.167, NO, 0, 0.5
        2045, -2.076, 0.167, NO, 0, 0.5,  2046, -2.076, 0.167, NO, 0, 0.5
        2047, -2.076, 0.167, NO, 0, 0.5,  2048, -2.076, 0.167, NO, 0, 0.5
        2049, -2.076, 0.167, NO, 0, 0.5,  2050, -2.076, 0.167, NO, 0, 0.5
        2051, -2.076, 0.167, NO, 0, 0.5,  2052, -2.076, 0.167, NO, 0, 0.5
        2053, -2.076, 0.167, NO, 0, 0.5,  2054, -2.076, 0.167, NO, 0, 0.5
        2055, -2.076, 0.167, NO, 0, 0.5,  2056, -2.076, 0.167, NO, 0, 0.5
        2057, -2.076, 0.167, NO, 0, 0.5,  2058, -2.076, 0.167, NO, 0, 0.5
        2059, -2.076, 0.167, NO, 0, 0.5,  2060, -2.076, 0.167, NO, 0, 0.5
        2061, -2.076, 0.167, NO, 0, 0.5,  2062, -2.076, 0.167, NO, 0, 0.5
        2063, -2.076, 0.167, NO, 0, 0.5,  2064, -2.076, 0.167, NO, 0, 0.5
        2065, -2.076, 0.167, NO, 0, 0.5,  2066, -2.076, 0.167, NO, 0, 0.5
        2067, -2.076, 0.167, NO, 0, 0.5,  2068, -2.076, 0.167, NO, 0, 0.5
        2069, -2.076, 0.167, NO, 0, 0.5,  2070, -2.076, 0.167, NO, 0, 0.5
        2071, -2.076, 0.167, NO, 0, 0.5,  2072, -2.076, 0.167, NO, 0, 0.5
        2073, -2.076, 0.167, NO, 0, 0.5,  2074, -2.076, 0.167, YES, 0, 0.5
        2075, -2.076, 0.167, NO, 0, 0.5,  2076, -2.076, 0.167, NO, 0, 0.5
        2077, -2.076, 0.167, NO, 0, 0.5,  2078, -2.076, 0.167, NO, 0, 0.5
        2079, -2.076, 0.167, NO, 0, 0.5,  2080, -2.076, 0.167, NO, 0, 0.5
        2081, -2.076, 0.167, NO, 0, 0.5,  2082, -2.076, 0.167, NO, 0, 0.5
        2083, -2.076, 0.167, NO, 0, 0.5,  2084, -2.076, 0.167, NO, 0, 0.5
        2085, -2.076, 0.167, NO, 0, 0.5,  2086, -2.076, 0.167, NO, 0, 0.5
        2087, -2.076, 0.167, NO, 0, 0.5,  2088, -2.076, 0.167, NO, 0, 0.5
        2089, -2.076, 0.167, NO, 0, 0.5,  2090, -2.076, 0.167, NO, 0, 0.5
        2091, -2.076, 0.167, NO, 0, 0.5,  2092, -2.076, 0.167, NO, 0, 0.5
        2093, -2.076, 0.167, NO, 0, 0.5,  2094, -2.076, 0.167, NO, 0, 0.5
        2095, -2.076, 0.167, NO, 0, 0.5,  2096, -2.076, 0.167, NO, 0, 0.5
        2097, -2.076, 0.167, NO, 0, 0.5,  2098, -2.076, 0.167, NO, 0, 0.5
        2099, -2.076, 0.167, NO, 0, 0.5,  2100, -2.076, 0.167, NO, 0, 0.5
        2101, -2.076, 0.167, NO, 0, 0.5,  2102, -2.076, 0.167, NO, 0, 0.5
        2103, -2.076, 0.167, NO, 0, 0.5,  2104, -2.076, 0.167, NO, 0, 0.5
        2105, -2.076, 0.167, NO, 0, 0.5,  2106, -2.076, 0.167, NO, 0, 0.5
        2107, -2.076, 0.167, NO, 0, 0.5,  2108, -2.076, 0.167, NO, 0, 0.5
        2109, -2.076, 0.167, NO, 0, 0.5,  2110, -2.076, 0.167, YES, 0, 0.5
        2111, -2.076, 0.167, NO, 0, 0.5,  2112, -2.076, 0.167, NO, 0, 0.5
        2113, -2.076, 0.167, NO, 0, 0.5,  2114, -2.076, 0.167, NO, 0, 0.5
        2115, -2.076, 0.167, NO, 0, 0.5,  2116, -2.076, 0.167, NO, 0, 0.5
        2117, -2.076, 0.167, NO, 0, 0.5,  2118, -2.076, 0.167, NO, 0, 0.5
        2119, -2.076, 0.167, NO, 0, 0.5,  2120, -2.076, 0.167, NO, 0, 0.5
```



```
        2121, -2.076, 0.167, NO, 0, 0.5,  2122, -2.076, 0.167, NO, 0, 0.5
        2123, -2.076, 0.167, NO, 0, 0.5,  2124, -2.076, 0.167, NO, 0, 0.5
        2125, -2.076, 0.167, NO, 0, 0.5,  2126, -2.076, 0.167, NO, 0, 0.5
        2127, -2.076, 0.167, NO, 0, 0.5,  2128, -2.076, 0.167, NO, 0, 0.5
        2129, -2.076, 0.167, NO, 0, 0.5,  2130, -2.076, 0.167, NO, 0, 0.5
        2131, -2.076, 0.167, NO, 0, 0.5,  2132, -2.076, 0.167, NO, 0, 0.5
        2133, -2.076, 0.167, NO, 0, 0.5,  2134, -2.076, 0.167, NO, 0, 0.5
        2135, -2.076, 0.167, NO, 0, 0.5,  2136, -2.076, 0.167, NO, 0, 0.5
        2137, -2.076, 0.167, NO, 0, 0.5,  2138, -2.076, 0.167, NO, 0, 0.5
        2139, -2.076, 0.167, NO, 0, 0.5,  2140, -2.076, 0.167, NO, 0, 0.5
        2141, -2.076, 0.167, NO, 0, 0.5,  2142, -2.076, 0.167, NO, 0, 0.5
        2143, -2.076, 0.167, NO, 0, 0.5,  2144, -2.076, 0.167, NO, 0, 0.5
        2145, -2.076, 0.167, NO, 0, 0.5,  2146, -2.076, 0.168, YES, 0, 0.5
        2147, -2.076, 0.168, NO, 0, 0.5,  2148, -2.076, 0.168, NO, 0, 0.5
        2149, -2.076, 0.168, NO, 0, 0.5,  2150, -2.076, 0.168, NO, 0, 0.5
        2151, -2.076, 0.168, NO, 0, 0.5,  2152, -2.076, 0.168, NO, 0, 0.5
        2153, -2.076, 0.168, NO, 0, 0.5,  2154, -2.076, 0.168, NO, 0, 0.5
        2155, -2.076, 0.168, NO, 0, 0.5,  2156, -2.076, 0.168, NO, 0, 0.5
        2157, -2.076, 0.168, NO, 0, 0.5,  2158, -2.076, 0.168, NO, 0, 0.5
        2159, -2.076, 0.168, NO, 0, 0.5,  2160, -2.076, 0.168, NO, 0, 0.5
        2161, -2.076, 0.168, NO, 0, 0.5,  2162, -2.076, 0.168, NO, 0, 0.5
        2163, -2.076, 0.168, NO, 0, 0.5,  2164, -2.076, 0.168, NO, 0, 0.5
        2165, -2.076, 0.168, NO, 0, 0.5,  2166, -2.076, 0.168, NO, 0, 0.5
        2167, -2.076, 0.168, NO, 0, 0.5,  2168, -2.076, 0.168, NO, 0, 0.5
        2169, -2.076, 0.168, NO, 0, 0.5,  2170, -2.076, 0.168, NO, 0, 0.5
        2171, -2.076, 0.168, NO, 0, 0.5,  2172, -2.076, 0.168, NO, 0, 0.5
        2173, -2.076, 0.168, NO, 0, 0.5,  2174, -2.076, 0.168, NO, 0, 0.5
        2175, -2.076, 0.168, NO, 0, 0.5,  2176, -2.076, 0.168, NO, 0, 0.5
        2177, -2.076, 0.168, NO, 0, 0.5,  2178, -2.076, 0.168, NO, 0, 0.5
        2179, -2.076, 0.168, NO, 0, 0.5,  2180, -2.076, 0.168, NO, 0, 0.5
        2181, -2.076, 0.168, NO, 0, 0.5,  2182, -2.076, 0.168, NO, 0, 0.5
NAME=LR4, LANE, , 0, 0, BOTH, 3, 1.8, NO, 3
        2001, 1.28, 0.168, YES, 0, 0.5,  2002, 1.28, 0.168, NO, 0, 0.5
        2003, 1.28, 0.168, NO, 0, 0.5,  2004, 1.28, 0.168, NO, 0, 0.5
        2005, 1.28, 0.168, NO, 0, 0.5,  2006, 1.28, 0.168, NO, 0, 0.5
        2007, 1.28, 0.168, NO, 0, 0.5,  2008, 1.28, 0.168, NO, 0, 0.5
        2009, 1.28, 0.168, NO, 0, 0.5,  2010, 1.28, 0.168, NO, 0, 0.5
        2011, 1.28, 0.168, NO, 0, 0.5,  2012, 1.28, 0.168, NO, 0, 0.5
        2013, 1.28, 0.168, NO, 0, 0.5,  2014, 1.28, 0.168, NO, 0, 0.5
        2015, 1.28, 0.168, NO, 0, 0.5,  2016, 1.28, 0.168, NO, 0, 0.5
        2017, 1.28, 0.168, NO, 0, 0.5,  2018, 1.28, 0.168, NO, 0, 0.5
        2019, 1.28, 0.168, NO, 0, 0.5,  2020, 1.28, 0.168, NO, 0, 0.5
        2021, 1.28, 0.168, NO, 0, 0.5,  2022, 1.28, 0.168, NO, 0, 0.5
        2023, 1.28, 0.168, NO, 0, 0.5,  2024, 1.28, 0.168, NO, 0, 0.5
        2025, 1.28, 0.168, NO, 0, 0.5,  2026, 1.28, 0.168, NO, 0, 0.5
        2027, 1.28, 0.168, NO, 0, 0.5,  2028, 1.28, 0.168, NO, 0, 0.5
        2029, 1.28, 0.168, NO, 0, 0.5,  2030, 1.28, 0.168, NO, 0, 0.5
        2031, 1.28, 0.168, NO, 0, 0.5,  2032, 1.28, 0.168, NO, 0, 0.5
        2033, 1.28, 0.168, NO, 0, 0.5,  2034, 1.28, 0.168, NO, 0, 0.5
        2035, 1.28, 0.168, NO, 0, 0.5,  2036, 1.28, 0.168, NO, 0, 0.5
        2037, 1.28, 0.168, NO, 0, 0.5,  2038, 1.28, 0.167, YES, 0, 0.5
        2039, 1.28, 0.167, NO, 0, 0.5,  2040, 1.28, 0.167, NO, 0, 0.5
        2041, 1.28, 0.167, NO, 0, 0.5,  2042, 1.28, 0.167, NO, 0, 0.5
        2043, 1.28, 0.167, NO, 0, 0.5,  2044, 1.28, 0.167, NO, 0, 0.5
        2045, 1.28, 0.167, NO, 0, 0.5,  2046, 1.28, 0.167, NO, 0, 0.5
        2047, 1.28, 0.167, NO, 0, 0.5,  2048, 1.28, 0.167, NO, 0, 0.5
```

```
        2049, 1.28, 0.167, NO, 0, 0.5,  2050, 1.28, 0.167, NO, 0, 0.5
        2051, 1.28, 0.167, NO, 0, 0.5,  2052, 1.28, 0.167, NO, 0, 0.5
        2053, 1.28, 0.167, NO, 0, 0.5,  2054, 1.28, 0.167, NO, 0, 0.5
        2055, 1.28, 0.167, NO, 0, 0.5,  2056, 1.28, 0.167, NO, 0, 0.5
        2057, 1.28, 0.167, NO, 0, 0.5,  2058, 1.28, 0.167, NO, 0, 0.5
        2059, 1.28, 0.167, NO, 0, 0.5,  2060, 1.28, 0.167, NO, 0, 0.5
        2061, 1.28, 0.167, NO, 0, 0.5,  2062, 1.28, 0.167, NO, 0, 0.5
        2063, 1.28, 0.167, NO, 0, 0.5,  2064, 1.28, 0.167, NO, 0, 0.5
        2065, 1.28, 0.167, NO, 0, 0.5,  2066, 1.28, 0.167, NO, 0, 0.5
        2067, 1.28, 0.167, NO, 0, 0.5,  2068, 1.28, 0.167, NO, 0, 0.5
        2069, 1.28, 0.167, NO, 0, 0.5,  2070, 1.28, 0.167, NO, 0, 0.5
        2071, 1.28, 0.167, NO, 0, 0.5,  2072, 1.28, 0.167, NO, 0, 0.5
        2073, 1.28, 0.167, NO, 0, 0.5,  2074, 1.28, 0.167, YES, 0, 0.5
        2075, 1.28, 0.167, NO, 0, 0.5,  2076, 1.28, 0.167, NO, 0, 0.5
        2077, 1.28, 0.167, NO, 0, 0.5,  2078, 1.28, 0.167, NO, 0, 0.5
        2079, 1.28, 0.167, NO, 0, 0.5,  2080, 1.28, 0.167, NO, 0, 0.5
        2081, 1.28, 0.167, NO, 0, 0.5,  2082, 1.28, 0.167, NO, 0, 0.5
        2083, 1.28, 0.167, NO, 0, 0.5,  2084, 1.28, 0.167, NO, 0, 0.5
        2085, 1.28, 0.167, NO, 0, 0.5,  2086, 1.28, 0.167, NO, 0, 0.5
        2087, 1.28, 0.167, NO, 0, 0.5,  2088, 1.28, 0.167, NO, 0, 0.5
        2089, 1.28, 0.167, NO, 0, 0.5,  2090, 1.28, 0.167, NO, 0, 0.5
        2091, 1.28, 0.167, NO, 0, 0.5,  2092, 1.28, 0.167, NO, 0, 0.5
        2093, 1.28, 0.167, NO, 0, 0.5,  2094, 1.28, 0.167, NO, 0, 0.5
        2095, 1.28, 0.167, NO, 0, 0.5,  2096, 1.28, 0.167, NO, 0, 0.5
        2097, 1.28, 0.167, NO, 0, 0.5,  2098, 1.28, 0.167, NO, 0, 0.5
        2099, 1.28, 0.167, NO, 0, 0.5,  2100, 1.28, 0.167, NO, 0, 0.5
        2101, 1.28, 0.167, NO, 0, 0.5,  2102, 1.28, 0.167, NO, 0, 0.5
        2103, 1.28, 0.167, NO, 0, 0.5,  2104, 1.28, 0.167, NO, 0, 0.5
        2105, 1.28, 0.167, NO, 0, 0.5,  2106, 1.28, 0.167, NO, 0, 0.5
        2107, 1.28, 0.167, NO, 0, 0.5,  2108, 1.28, 0.167, NO, 0, 0.5
        2109, 1.28, 0.167, NO, 0, 0.5,  2110, 1.28, 0.167, YES, 0, 0.5
        2111, 1.28, 0.167, NO, 0, 0.5,  2112, 1.28, 0.167, NO, 0, 0.5
        2113, 1.28, 0.167, NO, 0, 0.5,  2114, 1.28, 0.167, NO, 0, 0.5
        2115, 1.28, 0.167, NO, 0, 0.5,  2116, 1.28, 0.167, NO, 0, 0.5
        2117, 1.28, 0.167, NO, 0, 0.5,  2118, 1.28, 0.167, NO, 0, 0.5
        2119, 1.28, 0.167, NO, 0, 0.5,  2120, 1.28, 0.167, NO, 0, 0.5
        2121, 1.28, 0.167, NO, 0, 0.5,  2122, 1.28, 0.167, NO, 0, 0.5
        2123, 1.28, 0.167, NO, 0, 0.5,  2124, 1.28, 0.167, NO, 0, 0.5
        2125, 1.28, 0.167, NO, 0, 0.5,  2126, 1.28, 0.167, NO, 0, 0.5
        2127, 1.28, 0.167, NO, 0, 0.5,  2128, 1.28, 0.167, NO, 0, 0.5
        2129, 1.28, 0.167, NO, 0, 0.5,  2130, 1.28, 0.167, NO, 0, 0.5
        2131, 1.28, 0.167, NO, 0, 0.5,  2132, 1.28, 0.167, NO, 0, 0.5
        2133, 1.28, 0.167, NO, 0, 0.5,  2134, 1.28, 0.167, NO, 0, 0.5
        2135, 1.28, 0.167, NO, 0, 0.5,  2136, 1.28, 0.167, NO, 0, 0.5
        2137, 1.28, 0.167, NO, 0, 0.5,  2138, 1.28, 0.167, NO, 0, 0.5
        2139, 1.28, 0.167, NO, 0, 0.5,  2140, 1.28, 0.167, NO, 0, 0.5
        2141, 1.28, 0.167, NO, 0, 0.5,  2142, 1.28, 0.167, NO, 0, 0.5
        2143, 1.28, 0.167, NO, 0, 0.5,  2144, 1.28, 0.167, NO, 0, 0.5
        2145, 1.28, 0.167, NO, 0, 0.5,  2146, 1.28, 0.168, YES, 0, 0.5
        2147, 1.28, 0.168, NO, 0, 0.5,  2148, 1.28, 0.168, NO, 0, 0.5
        2149, 1.28, 0.168, NO, 0, 0.5,  2150, 1.28, 0.168, NO, 0, 0.5
        2151, 1.28, 0.168, NO, 0, 0.5,  2152, 1.28, 0.168, NO, 0, 0.5
        2153, 1.28, 0.168, NO, 0, 0.5,  2154, 1.28, 0.168, NO, 0, 0.5
        2155, 1.28, 0.168, NO, 0, 0.5,  2156, 1.28, 0.168, NO, 0, 0.5
        2157, 1.28, 0.168, NO, 0, 0.5,  2158, 1.28, 0.168, NO, 0, 0.5
        2159, 1.28, 0.168, NO, 0, 0.5,  2160, 1.28, 0.168, NO, 0, 0.5
```



```
        2161, 1.28, 0.168, NO, 0, 0.5,  2162, 1.28, 0.168, NO, 0, 0.5
        2163, 1.28, 0.168, NO, 0, 0.5,  2164, 1.28, 0.168, NO, 0, 0.5
        2165, 1.28, 0.168, NO, 0, 0.5,  2166, 1.28, 0.168, NO, 0, 0.5
        2167, 1.28, 0.168, NO, 0, 0.5,  2168, 1.28, 0.168, NO, 0, 0.5
        2169, 1.28, 0.168, NO, 0, 0.5,  2170, 1.28, 0.168, NO, 0, 0.5
        2171, 1.28, 0.168, NO, 0, 0.5,  2172, 1.28, 0.168, NO, 0, 0.5
        2173, 1.28, 0.168, NO, 0, 0.5,  2174, 1.28, 0.168, NO, 0, 0.5
        2175, 1.28, 0.168, NO, 0, 0.5,  2176, 1.28, 0.168, NO, 0, 0.5
        2177, 1.28, 0.168, NO, 0, 0.5,  2178, 1.28, 0.168, NO, 0, 0.5
        2179, 1.28, 0.168, NO, 0, 0.5,  2180, 1.28, 0.168, NO, 0, 0.5
        2181, 1.28, 0.168, NO, 0, 0.5,  2182, 1.28, 0.168, NO, 0, 0.5

*VEHICLE     ; Vehicles
   NAME=DB-24, 1, DB-24, 0, KS2005, NO
   NAME=DL-24, 1, DL-24, 0, KS2005, NO

*MVLDCASE    ; Moving Load Cases
   NAME=MV, 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, 0, 4, LL1, LL2, LL3, LL4
        VL, DB-24, 1, 0, 4, LR1, LR2, LR3, LR4
        VL, DL-24, 1, 0, 4, LL1, LL2, LL3, LL4
        VL, DL-24, 1, 0, 4, LR1, LR2, LR3, LR4
   NAME=MV-DB, 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, 0, 4, LL1, LL2, LL3, LL4
        VL, DB-24, 1, 0, 4, LR1, LR2, LR3, LR4
   NAME=MV-DL, 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, DL-24, 1, 0, 4, LL1, LL2, LL3, LL4
        VL, DL-24, 1, 0, 4, LR1, LR2, LR3, LR4

*COMPBOXLC     ; Pre-Combined Load Cases for Composite Section
   Deck, Self Weight

*LOADCOMB     ; Combinations
   NAME=DL(BC), GEN, ACTIVE, 0, 0, , 0, 0, 0
        ST, Self Weight, 1, ST, Deck, 1
   NAME=DL(AC), GEN, ACTIVE, 0, 0, , 0, 0, 0
        ST, 2nd Dead, 1
   NAME=ALL, GEN, ACTIVE, 0, 0, , 0, 0, 0
        CB, DL(BC), 1, CB, DL(AC), 1, MV, MV, 1

*NMOMENT-REDUCT, Structure ; Reduction Moment at ther inner support
   CASE=         Self Weight, ST, Deck, ST, 2nd Dead, ST, MV, MV
   SPTS=         1038, YES, 0, 1074, YES, 0, 1110, YES, 0, 1146, YES, 0, 2038, YES, 0
        2074, YES, 0, 2110, YES, 0, 2146, YES, 0

*LC-COLOR     ; Diagram Color for Load Case
 ST, Self Weight, 255, 192, 87, 255, 255, 87, 255, 128, 0
 ST, Deck, 255, 192, 160, 255, 87, 87, 85, 0, 192
 ST, 2nd Dead, 160, 192, 255, 163, 255, 160, 192, 72, 0
 ST, K, 255, 87, 128, 0, 128, 128, 212, 160, 255
 CB, DL(BC), 255, 87, 128, 192, 128, 0, 0, 157, 192
 CB, DL(AC), 163, 160, 255, 255, 0, 192, 255, 160, 255
 CB, ALL, 255, 255, 87, 255, 192, 87, 255, 87, 87
```



```
 MV, MV, 255, 255, 255, 192, 192, 192, 160, 255, 255
 MV, MV-DB, 0, 192, 128, 255, 87, 128, 255, 160, 255
 MV, MV-DL, 255, 87, 128, 255, 0, 128, 128, 192, 0

*EIGEN-CTRL     ; Eigenvalue Analysis Control
   LANCZOS, 10, 20, 1, 1e-10, NO, 0, 0, NO

*MOVE-CTRL     ; Moving Load Analysis Control
   EXACT, ALL, 0, 3, 1, 0, 1, 0, 0.8, NODAL, YES, YES, YES, AXIAL, YES,   YES, NO, ,   YES, NO, ,   YES,
 NO, ,   YES, NO, ,   10, 1, 10

*DGN-MATL     ; Modify Steel(Concrete) Material
    1, STEEL, SM490              , 2,  2.0500e+08,   0.3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2,
 0, , , , 0, 0,NO, 0.0000e+00,     0,, 0, 0,0, 0, 0,0, 0, 0,0, 0, 0,0, 0, 0, 0.0000e+00,     0,, 0, 0,0,
 0, 0,0, 0, 0,0, 0, 0,0, 0, 0, 0.0000e+00,     0,, 0, 0,0, 0, 0,0, 0, 0,0, 0, 0,0, 0, 0,
    2, STEEL, SM490(CB)          , 2,  1.0250e+09,   0.3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2,
 0, , , , 0, 0,NO, 0.0000e+00,     0,, 0, 0,0, 0, 0,0, 0, 0,0, 0, 0,0, 0, 0, 0.0000e+00,     0,, 0, 0,0,
 0, 0,0, 0, 0,0, 0, 0,0, 0, 0, 0.0000e+00,     0,, 0, 0,0, 0, 0,0, 0, 0,0, 0, 0,0, 0, 0,

*ENDDATA
```