

*UNIT : Unit System
: FORCE, LENGTH, HEAT, TEMPER
KN, M, KCAL, C
*STRUCTYPE : Structure Type
: iSTYP, iMASS, iSMAS, bMASSOFFSET,
bSELFWEIGHT, GRAV, TEMPER,
bALIGNBEAM, bALIGNSLAB, bROTTRIGID
0, 1, 1, NO, YES, 9.806, 0, NO, NO,
NO
*REBAR-MATL-CODE : Rebar Material
Code
: CONC_CODE, CONC_MDB, SRC_CODE,
SRC_MDB
KSCE-LSD15(RC), SD300, KSCE-LSD15(RC),
SD300
*NODE : Nodes
: iNO, X, Y, Z
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2, 0.532, 0.033, 0
3, 1.436, 0.092, 0
4, 2.428, 0.162, 0
5, 3.421, 0.237, 0
6, 4.412, 0.318, 0
7, 5.404, 0.403, 0
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9, 6.395, 0.495, 0
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13, 2.397, 0.649, 0
14, 8.375, 0.693, 0
15, 3.386, 0.725, 0
16, 9.365, 0.8, 0
17, 4.375, 0.806, 0
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26, 8.327, 1.182, 0
27, 2.358, 1.238, 0
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30, 3.344, 1.314, 0
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33, 10.299, 1.402, 0
34, 5.316, 1.482, 0
35, 14.914, 1.501, 0
36, 6.301, 1.574, 0
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38, 11.99, 1.607, 0
39, 7.285, 1.671, 0
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62, 4.254, 2.398, 0
63, 17.759, 2.428, 0
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72, 22.198, 2.68, 0
73, 15.5, 2.688, 0
74, 8.169, 2.777, 0
75, 16.235, 2.797, 0
76, 20.225, 2.835, 0
77, 23.142, 2.855, 0
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525	517	1	1	0																			

1255	1254	1.	0			1259	1258	1.	0			1263	1262	1.	0								
403	PLATE	1.	1.	0	2.	1493	1494	466	PLATE	1.	1.	0	2.	179	186	529	PLATE	1.	1.	0	2.	1327	1328
154	147	1.	1.	0	1.	108	113	1324	1323	1.	1.	0	2.	394	407	274	261	1.	1.	0	2.	447	466
404	PLATE	1.	1.	0	2.	354	362	467	PLATE	1.	1.	0	2.	1497	1498	530	PLATE	1.	1.	0	2.	213	224
1494	1493	1.	1.	0	1.	84	91	476	465	1.	1.	0	1.	135	143	533	519	1.	1.	0	2.	1501	1502
405	PLATE	1.	1.	0	2.	296	304	468	PLATE	1.	1.	0	2.	334	346	531	PLATE	1.	1.	0	1.	685	695
424	410	1.	1.	0	1.	69	75	186	179	1.	1.	0	1.	642	651	1328	1327	1.	1.	0	2.	1501	1502
406	PLATE	1.	1.	0	2.	601	612	469	PLATE	1.	1.	0	2.	334	346	532	PLATE	1.	1.	0	1.	685	695
113	108	1.	1.	0	1.	249	256	1498	1497	1.	1.	0	1.	112	119	224	213	1.	1.	0	2.	1501	1502
407	PLATE	1.	1.	0	2.	563	576	470	PLATE	1.	1.	0	1.	608	618	533	PLATE	1.	1.	0	1.	685	695
362	354	1.	1.	0	1.	1408	1409	407	394	1.	1.	0	1.	642	651	720	709	1.	1.	0	1.	167	178
408	PLATE	1.	1.	0	2.	496	509	471	PLATE	1.	1.	0	1.	112	119	534	PLATE	1.	1.	0	2.	380	392
91	84	1.	1.	0	1.	1320	1321	678	669	1.	1.	0	1.	94	101	1502	1501	1.	1.	0	1.	653	664
409	PLATE	1.	1.	0	2.	1255	1256	472	PLATE	1.	1.	0	1.	284	294	535	PLATE	1.	1.	0	1.	144	152
638	630	1.	1.	0	1.	154	160	143	135	1.	1.	0	2.	1412	1413	466	447	1.	1.	0	2.	1416	1417
410	PLATE	1.	1.	0	2.	424	438	473	PLATE	1.	1.	0	2.	546	559	536	PLATE	1.	1.	0	1.	328	340
304	296	1.	1.	0	1.	1408	1409	651	642	1.	1.	0	1.	233	244	695	685	1.	1.	0	1.	122	131
411	PLATE	1.	1.	0	2.	1320	1321	474	PLATE	1.	1.	0	2.	1259	1260	537	PLATE	1.	1.	0	2.	594	607
612	601	1.	1.	0	1.	1255	1256	119	112	1.	1.	0	2.	476	491	178	167	1.	1.	0	1.	1263	1264
412	PLATE	1.	1.	0	2.	424	438	475	PLATE	1.	1.	0	2.	1324	1325	538	PLATE	1.	1.	0	2.	274	283
576	563	1.	1.	0	1.	1494	1495	346	334	1.	1.	0	1.	186	195	664	653	1.	1.	0	1.	533	548
413	PLATE	1.	1.	0	2.	362	372	476	PLATE	1.	1.	0	2.	407	419	539	PLATE	1.	1.	0	2.	1328	1329
256	249	1.	1.	0	1.	113	120	618	608	1.	1.	0	2.	1498	1499	392	380	1.	1.	0	2.	466	481
414	PLATE	1.	1.	0	2.	91	99	477	PLATE	1.	1.	0	1.	143	151	540	PLATE	1.	1.	0	2.	224	236
1409	1408	1.	1.	0	1.	304	312	1413	1412	1.	1.	0	1.	651	663	152	144	1.	1.	0	2.	1502	1503
415	PLATE	1.	1.	0	2.	75	80	478	PLATE	1.	1.	0	2.	346	358	541	PLATE	1.	1.	0	1.	392	406
206	199	1.	1.	0	1.	612	621	294	284	1.	1.	0	1.	119	124	1417	1416	1.	1.	0	1.	178	188
416	PLATE	1.	1.	0	2.	256	265	479	PLATE	1.	1.	0	1.	618	633	542	PLATE	1.	1.	0	2.	695	1192
509	496	1.	1.	0	1.	576	585	559	546	1.	1.	0	1.	101	109	607	594	1.	1.	0	1.	152	159
417	PLATE	1.	1.	0	2.	1409	1410	480	PLATE	1.	1.	0	2.	294	306	543	PLATE	1.	1.	0	2.	340	350
1321	1320	1.	1.	0	1.	206	214	244	233	1.	1.	0	1.	1413	1414	340	328	1.	1.	0	1.	664	1189
418	PLATE	1.	1.	0	2.	1256	1257	481	PLATE	1.	1.	0	2.	559	572	544	PLATE	1.	1.	0	1.	131	139
1256	1255	1.	1.	0	1.	1321	1322	1260	1259	1.	1.	0	2.	1260	1261	1264	1263	1.	1.	0	2.	1417	1418
419	PLATE	1.	1.	0	2.	438	450	1325	1324	1.	1.	0	2.	419	432	545	PLATE	1.	1.	0	2.	283	295
160	154	1.	1.	0	1.	120	126	482	PLATE	1.	1.	0	2.	1499	1500	546	PLATE	1.	1.	0	2.	607	1185
420	PLATE	1.	1.	0	2.	99	105	483	PLATE	1.	1.	0	1.	358	367	547	PLATE	1.	1.	0	2.	1329	1330
438	424	1.	1.	0	1.	312	326	491	476	1.	1.	0	1.	633	641	548	533	1.	1.	0	2.	1264	1265
421	PLATE	1.	1.	0	2.	80	86	491	PLATE	1.	1.	0	2.	124	134	549	PLATE	1.	1.	0	2.	236	247
1495	1494	1.	1.	0	1.	585	598	358	346	1.	1.	0	1.	109	116	550	PLATE	1.	1.	0	2.	1189	1190
422	PLATE	1.	1.	0	2.	1410	1411	492	PLATE	1.	1.	0	2.	306	315	551	PLATE	1.	1.	0	2.	1192	1194
120	113	1.	1.	0	1.	214	214	633	618	1.	1.	0	1.	1414	1415	552	PLATE	1.	1.	0	2.	1189	1190
423	PLATE	1.	1.	0	2.	1495	1496	493	PLATE	1.	1.	0	2.	572	582	553	PLATE	1.	1.	0	2.	1192	1194
372	362	1.	1.	0	1.	105	105	494	PLATE	1.	1.	0	1.	252	261	554	PLATE	1.	1.	0	2.	1192	1194
424	PLATE	1.	1.	0	2.	1257	1258	500	PLATE	1.	1.	0	2.	572	582	555	PLATE	1.	1.	0	2.	1192	1194
99	91	1.	1.	0	1.	1257	1258	502	PLATE	1.	1.	0	2.	572	582	556	PLATE	1.	1.	0	2.	1192	1194
425	PLATE	1.	1.	0	2.	1257	1258	503	PLATE	1.	1.	0	2.	572	582	557	PLATE	1.	1.	0	2.	1192	1194
648	638	1.	1.	0	1.	1257	1258	504	PLATE	1.	1.	0	2.	572	582	558	PLATE	1.	1.	0	2.	1192	1194
426	PLATE	1.	1.	0	2.	1257	1258	505	PLATE	1.	1.	0	2.	572	582	559	PLATE	1.	1.	0	2.	1192	1194
312	304	1.	1.	0	1.	1257	1258	506	PLATE	1.	1.	0	2.	572	582	560	PLATE	1.	1.	0	2.	1192	1194
427	PLATE	1.	1.	0	2.	1257	1258	507	PLATE	1.	1.	0	2.	572	582	561	PLATE	1.	1.	0	2.	1192	1194
621	612	1.	1.	0	1.	1257	1258	508	PLATE	1.	1.	0	2.	572	582	562	PLATE	1.	1.	0	2.	1192	1194
428	PLATE	1.	1.	0	2.	1257	1258	509	PLATE	1.	1.	0	2.	572	582	563	PLATE	1.	1.	0	2.	1192	1194
585	576	1.	1.	0	1.	1257	1258	510	PLATE	1.	1.	0	2.	572	582	564	PLATE	1.	1.	0	2.	1192	1194
429	PLATE	1.	1.	0	2.	1257	1258	511	PLATE	1.	1.	0	2.	572	582	565	PLATE	1.	1.	0	2.	1192	1194
265	256	1.	1.	0	1.	1257	1258	512	PLATE	1.	1.	0	2.	572	582	566	PLATE	1.	1.	0	2.	1192	1194
430	PLATE	1.	1.	0	2.	1257	1258	513	PLATE	1.	1.	0	2.	572	582	567	PLATE	1.	1.	0	2.	1192	1194
1410	1409	1.	1.	0	1.	1257	1258	514	PLATE	1.	1.	0	2.	572	582	568	PLATE	1.	1.	0	2.	1192	1194
431	PLATE	1.	1.	0	2.	1257	1258	515	PLATE	1.	1.	0	2.	572	582	569	PLATE	1.	1.	0	2.	1192	1194
214	206	1.	1.	0	1.	1257	1258	516	PLATE	1.	1.	0	2.	572	582	570	PLATE	1.	1.	0	2.	1192	1194
432	PLATE	1.	1.	0	2.	1257	1258	517	PLATE	1.	1.	0	2.	572	582	571	PLATE	1.	1.	0	2.	1192	1194
521	509	1.	1.	0	1.	1257	1258	518	PLATE	1.	1.	0	2.	572	582	572	PLATE	1.	1.	0	2.	1192	1194
433	PLATE	1.	1.	0	2.	1257	1258	519	PLATE	1.	1.	0	2.	572	582	573	PLATE	1.	1.	0	2.	1192	1194
1322	1321	1.	1.	0	1.	1257	1258	520	PLATE	1.	1.	0	2.	572	582	574	PLATE	1.	1.	0	2.	1192	1194
434	PLATE	1.	1.	0	2.	1257	1258	521	PLATE	1.	1.	0	2.	572	582	575	PLATE	1.	1.	0	2.	1192	1194
1257	1256	1.	1.	0	1.	1257	1258	522	PLATE	1.	1.	0	2.	572	582	576	PLATE	1.	1.	0	2.	1192	1194
435	PLATE	1.	1.	0	2.	1257	1258	523	PLATE	1.	1.	0	2.	572	582	577	PLATE	1.	1.	0	2.	1192	1194
168	160	1.	1.	0	1.	1257	1258	524	PLATE	1.	1.	0	2.	572	582	578	PLATE	1.	1.	0	2.	1192	1194
436	PLATE	1.	1.	0	2.	1257	1258	525	PLATE	1.	1.	0	2.	572	582	579	PLATE	1.	1.	0	2.	1192	1194
450	438	1.	1.	0	1.	1257	1258	526	PLATE	1.	1.	0	2.	572	582	580	PLATE	1.	1.	0	2.	1192	1194
437	PLATE	1.	1.	0	2.	1257	1258	527	PLATE	1.	1.	0	2.	572	582	581	PLATE	1.	1.	0	2.	1192	1194
1496	1495	1.	1.	0	1.	1257	1258	528	PLATE	1.	1.	0	2.	572	582	582	PLATE	1.	1.	0	2.	1192	1194
438	PLATE	1.	1.	0	2.	1257	12																

1169	1	0			786	773	1	0			744	728	1	0												
592	PLATE	1	1	0	2.	1202.	1183.			655	PLATE	1	1	0	2.	569.	578.	718.	PLATE	1	1	0	1.	230.	245.	
1267	1266	1	1	0	1.	1196.	1197.			635	626	PLATE	1	1	0	1.	1160.	253.	269	254	1	1	0	2.	679.	694.
593	PLATE	1	1	0	2.	1331.	1332.			656	PLATE	1	1	0	1.	1424.	1425.	719	PLATE	1	1	0	2.	412.	433.	
1200	1199	1	1	0	2.	1178.	1179.			1509	1508	PLATE	1	1	0	1.	1157.	225.	1275	1274	1	1	0	2.	625.	643.
594	PLATE	1	1	0	2.	1191.	1193.			657	PLATE	1	1	0	1.	1157.	225.	720	PLATE	1	1	0	2.	1339.	1340.	
1201	1165	1	1	0	2.	1161.	1162.			754	740	PLATE	1	1	0	2.	503.	512.	504	484	1	1	0	2.	826.	841.
595	PLATE	1	1	0	2.	1178.	1179.			658	PLATE	1	1	0	2.	688.	702.	721	PLATE	1	1	0	2.	625.	643.	
1183	1202	1	1	0	1.	1191.	1193.			431	418	PLATE	1	1	0	1.	1153.	200.	694	679	1	1	0	1.	826.	841.
596	PLATE	1	1	0	2.	1161.	1162.			659	1160	PLATE	1	1	0	2.	1335.	1336.	722	PLATE	1	1	0	2.	1339.	1340.
1197	1196	1	1	0	2.	1420.	1421.			253	660	PLATE	1	1	0	2.	688.	702.	867	852	1	1	0	2.	796.	811.
597	PLATE	1	1	0	2.	1505.	1506.			660	PLATE	1	1	0	1.	1153.	200.	841	826	1	1	0	2.	355.	371.	
1332	1331	1	1	0	2.	1203.	1175.			578	569	PLATE	1	1	0	2.	1335.	1336.	723	PLATE	1	1	0	2.	570.	587.
598	PLATE	1	1	0	1.	1187.	1188.			661	PLATE	1	1	0	2.	1271.	1272.	433	412	1	1	0	2.	1513.	1514.	
1193	1191	1	1	0	2.	1156.	1158.			1425	1424	PLATE	1	1	0	2.	303.	314.	724	PLATE	1	1	0	1.	796.	811.
599	PLATE	1	1	0	2.	1267.	1268.			662	PLATE	1	1	0	1.	1153.	200.	725	PLATE	1	1	0	2.	355.	371.	
1162	1161	1	1	0	2.	1203.	1175.			225	1157	PLATE	1	1	0	2.	1335.	1336.	841	826	1	1	0	2.	570.	587.
600	PLATE	1	1	0	2.	1187.	1188.			663	359	PLATE	1	1	0	2.	1271.	1272.	726	PLATE	1	1	0	2.	1513.	1514.
1179	1178	1	1	0	2.	1156.	1158.			702	688	PLATE	1	1	0	2.	303.	314.	727	PLATE	1	1	0	2.	1428.	1429.
601	PLATE	1	1	0	1.	1156.	1158.			665	PLATE	1	1	0	2.	431.	443.	728	PLATE	1	1	0	1.	299.	316.	
1421	1420	1	1	0	2.	1267.	1268.			512	503	PLATE	1	1	0	2.	635.	649.	811	796	1	1	0	1.	299.	316.
602	PLATE	1	1	0	1.	1197.	752.			666	PLATE	1	1	0	2.	635.	649.	729	PLATE	1	1	0	2.	744.	758.	
1506	1505	1	1	0	1.	1152.	1154.			667	1271	PLATE	1	1	0	2.	1509.	1510.	730	PLATE	1	1	0	2.	504.	524.
603	PLATE	1	1	0	2.	1170.	1171.			1272	1271	PLATE	1	1	0	2.	578.	593.	731	PLATE	1	1	0	2.	1275.	1276.
1188	1187	1	1	0	2.	1183.	1184.			668	303	PLATE	1	1	0	1.	786.	800.	732	PLATE	1	1	0	2.	1275.	1276.
786	1200	1	1	0	2.	1193.	722.			649	635	PLATE	1	1	0	1.	253.	262.	733	PLATE	1	1	0	1.	269.	287.
605	PLATE	1	1	0	2.	1149.	1150.			670	810	PLATE	1	1	0	1.	253.	262.	734	PLATE	1	1	0	2.	694.	708.
1158	1156	1	1	0	2.	1179.	1180.			823	810	PLATE	1	1	0	2.	1272.	1273.	735	PLATE	1	1	0	1.	245.	258.
606	PLATE	1	1	0	2.	1201.	1167.			671	1509	PLATE	1	1	0	2.	370.	376.	736	PLATE	1	1	0	2.	433.	453.
1175	1203	1	1	0	2.	1188.	670.			443	431	PLATE	1	1	0	1.	754.	769.	737	PLATE	1	1	0	2.	643.	658.
607	PLATE	1	1	0	2.	1332.	1333.			673	635	PLATE	1	1	0	2.	1336.	1337.	738	PLATE	1	1	0	1.	841.	857.
1268	1267	1	1	0	2.	1175.	1176.			800	706	PLATE	1	1	0	2.	512.	530.	739	PLATE	1	1	0	2.	1340.	1341.
608	PLATE	1	1	0	2.	1268.	1269.			262	253	PLATE	1	1	0	1.	1425.	1426.	740	PLATE	1	1	0	1.	811.	825.
752	1197	1	1	0	2.	1175.	1176.			376	370	PLATE	1	1	0	1.	200.	208.	741	PLATE	1	1	0	2.	371.	389.
609	PLATE	1	1	0	2.	1268.	1269.			593	576	PLATE	1	1	0	2.	314.	322.	742	PLATE	1	1	0	2.	587.	605.
1154	1152	1	1	0	2.	1162.	1163.			769	754	PLATE	1	1	0	2.	702.	715.	743	PLATE	1	1	0	2.	1514.	1515.
610	PLATE	1	1	0	1.	752.	1204.			678	PLATE	1	1	0	2.	1510.	1511.	389	371	1	1	0	1.	1429.	1430.	
1184	1183	1	1	0	2.	1184.	617.			235	225	PLATE	1	1	0	2.	443.	464.	744	PLATE	1	1	0	1.	316.	333.
611	PLATE	1	1	0	2.	1506.	1507.			1337	1336	PLATE	1	1	0	2.	1272.	1273.	745	PLATE	1	1	0	2.	758.	775.
722	1193	1	1	0	2.	1171.	1172.			680	PLATE	1	1	0	2.	649.	666.	746	PLATE	1	1	0	2.	524.	543.	
612	PLATE	1	1	0	2.	1201.	1167.			1426	1425	PLATE	1	1	0	2.	376.	395.	747	PLATE	1	1	0	2.	1276.	1277.
1171	1170	1	1	0	2.	1180.	556.			322	314	PLATE	1	1	0	2.	800.	812.	748	PLATE	1	1	0	2.	658.	674.
613	PLATE	1	1	0	2.	1176.	489.			688	649	PLATE	1	1	0	2.	593.	611.	749	PLATE	1	1	0	2.	1276.	1277.
1422	1421	1	1	0	2.	1176.	489.			666	689	PLATE	1	1	0	2.	800.	812.	750	PLATE	1	1	0	2.	708.	725.
614	PLATE	1	1	0	2.	1176.	489.			837	823	PLATE	1	1	0	2.	593.	611.	751	PLATE	1	1	0	2.	258.	276.
1167	1201	1	1	0	2.	1176.	489.			690	PLATE	1	1	0	2.	208.	217.	752	PLATE	1	1	0	2.	453.	475.	
615	PLATE	1	1	0	2.	1176.	489.			243	235	PLATE	1	1	0	2.	1337.	1338.	753	PLATE	1	1	0	2.	658.	674.
1180	1179	1	1	0	2.	1176.	489.			691	PLATE	1	1	0	2.	1337.	1338.	754	PLATE	1	1	0	2.	857.	871.	
616	PLATE	1	1	0	2.	1176.	489.			395	376	PLATE	1	1	0	2.	769.	782.	755	PLATE	1	1	0	2.	1341.	1342.
670	1188	1	1	0	2.	1176.	489.			692	PLATE	1	1	0	2.	769.	782.	756	PLATE	1	1	0	2.	825.	840.	
1333	1332	1	1	0	2.	1176.	489.			812	800	PLATE	1	1	0	2.	322.	341.	757	PLATE	1	1	0	2.	389.	405.
618	PLATE	1	1	0	2.	1176.	489.			1338	1337	PLATE	1	1	0	2.	530.	549.	758	PLATE	1	1	0	2.	605.	620.
1205	780	1	1	0	2.	1176.	489.			694	PLATE	1	1	0	2.	530.	549.	759	PLATE	1	1	0	2.	1515.	1516.	
619	PLATE	1	1	0	2.	1176.	489.			611	593	PLATE	1	1	0	2.	1511.	1512.	760	PLATE	1	1	0	2.	1430.	1431.
1269	1268	1	1	0	2.	1176.	489.			341	322	PLATE	1	1	0	2.	1426.	1427.	761	PLATE	1	1	0	2.	333.	349.
620	PLATE	1	1	0	2.	1176.	489.			782	769	PLATE	1	1	0	2.	271.	286.	762	PLATE	1	1	0	2.	775.	789.
1163	1162	1	1	0	2.	1176.	489.			697	PLATE	1	1	0	2.	271.	286.	763	PLATE	1	1	0	2.	543.	562.	
621	PLATE	1	1	0	2.	1176.	489.			1512	1511	PLATE	1	1	0	2.	715.	728.	764	PLATE	1	1	0	2.	1277.	1278.
1176	1175	1	1	0	2.	1176.	489.			1427	1426	PLATE	1	1	0	2.	464.	484.	765	PLATE	1	1	0	2.	725.	739.
1204	752	1	1	0	2.	1176.	489.			549	530	PLATE	1	1	0	2.	243.	254.	766	PLATE	1	1	0	2.	276.	290.
623	PLATE	1	1	0	2.	1176.	489.			700	PLATE	1	1	0	2.	243.	254.	767	PLATE	1	1	0	2.	276.	290.	
617	1184	1	1	0	2.	1176.	489.			286	271	PLATE	1	1	0	2.	1273.	1274.	768	PLATE	1	1	0	2.	475.	495.
1507	1506	1	1	0	2.	1176.	489.			701	PLATE	1	1	0	2.	1273.	1274.	769	PLATE	1	1	0	2.	674.	690.	
1206	722	1	1	0	2.	1176.	489.			728	715	PLATE	1	1	0	2.	1273.	1274.	770	PLATE	1	1	0	2.	871.	885.
626	PLATE	1	1	0	2.	1176.	489.			702	PLATE	1	1	0	2.	1273.	1274.	771	PLATE	1	1	0	2.	1342.	1343.	
1159	1158	1	1	0	2.	1176.	489.			254	243	PLATE	1	1	0	2.	666.	679.	772	PLATE	1	1	0	2.	840.	856.
627	PLATE	1	1	0	2.	1176.	489.			1274	1273	PLATE	1</													

789	1	0			697	683	1	0			913	903	1	0			
781	1	0	1	313	331	844	844	1	0	2	1282	1283	907	907	1	498	518
364	1	0	2	739	755	862	847	1	0	1	379	398	1525	1524	0	692	707
782	1	0	1	290	305	845	845	1	0	2	798	813	908	908	1	858	868
1279	1	0	2	495	515	436	416	1	0	1	353	366	750	741	1	973	985
783	1	0	1	885	898	846	846	1	0	1	932	945	909	1286	1	809	817
331	1	0	2	1343	1344	1283	1282	1	0	2	748	762	1287	1286	1	639	655
84	1	0	1	856	870	847	847	1	0	2	1347	1348	910	910	1	423	439
579	1	0	2	425	445	646	631	1	0	1	909	921	518	498	1	953	962
785	1	0	1	636	652	848	848	1	0	2	508	527	911	911	1	1351	1352
755	1	0	2	1517	1518	398	379	1	0	2	697	712	1001	991	1	1440	1441
786	1	0	1	1432	1433	849	849	1	0	1	1436	1437	912	912	1	757	768
918	1	0	2	364	381	961	952	1	0	2	1521	1522	868	858	1	583	600
787	1	0	1	805	820	850	798	1	0	1	862	877	913	913	1	913	923
517	1	0	2	579	599	813	748	1	0	1	436	457	707	692	1	1525	1526
788	1	0	1	1279	1280	592	574	1	0	2	646	661	914	914	1	1287	1288
898	1	0	2	331	348	852	852	1	0	2	1283	1284	915	915	1	707	718
1344	1	0	1	755	772	853	853	1	0	1	398	414	916	916	1	518	539
90	1	0	2	305	320	854	854	1	0	2	813	828	917	917	1	868	881
703	1	0	1	515	537	765	748	1	0	1	590	606	918	918	1	477	497
791	1	0	2	898	911	921	909	1	0	1	366	386	919	919	1	985	995
445	1	0	1	703	719	858	858	1	0	2	945	955	920	920	1	817	831
792	1	0	2	1344	1345	859	859	1	0	2	762	779	921	921	1	655	667
870	1	0	1	870	883	860	860	1	0	2	1348	1349	922	922	1	439	462
793	1	0	2	445	469	861	861	1	0	1	921	931	923	923	1	962	972
1518	1	0	1	652	668	862	862	1	0	2	527	547	924	924	1	1352	1353
794	1	0	2	1433	1434	863	863	1	0	2	712	727	925	925	1	768	783
652	1	0	1	1518	1519	864	864	1	0	1	1437	1438	926	926	1	1441	1442
796	1	0	2	381	399	865	865	1	0	2	1522	1523	927	927	1	600	614
820	1	0	1	599	616	866	866	1	0	2	877	889	928	928	1	1353	1354
797	1	0	2	805	820	867											

1029.	1023.	1.	0			588.	575.	1.	0			1048.	1041.	1.	0				
970.	PLATE	1.	1.	0	2.	902.	912.					1096.	PLATE	1.	1.	0	2.	1536.	1537.
1291.	1290.	1.	1.	0	2.	628.	645.					738.	724.	1.	1.	0	2.	1011.	1021.
971.	PLATE	1.	1.	0	2.	628.	645.					1097.	PLATE	1.	1.	0	2.	1011.	1021.
1355.	1354.	1.	1.	0	1.	987.	994.					1452.	1451.	1.	1.	0	1.	672.	687.
972.	PLATE	1.	1.	0	1.	987.	994.					1098.	PLATE	1.	1.	0	1.	672.	687.
1014.	1005.	1.	1.	0	2.	747.	756.					1537.	1536.	1.	1.	0	2.	838.	853.
973.	PLATE	1.	1.	0	2.	747.	756.					1099.	PLATE	1.	1.	0	2.	838.	853.
806.	797.	1.	1.	0	2.	855.	865.					901.	888.	1.	1.	0	2.	1211.	1212.
974.	PLATE	1.	1.	0	2.	855.	865.					1100.	PLATE	1.	1.	0	2.	1211.	1212.
912.	902.	1.	1.	0	2.	1528.	1529.					1021.	1011.	1.	1.	0	1.	640.	656.
975.	PLATE	1.	1.	0	2.	1528.	1529.					1101.	PLATE	1.	1.	0	2.	978.	988.
645.	628.	1.	1.	0	1.	1444.	1445.					687.	672.	1.	1.	0	2.	978.	988.
976.	PLATE	1.	1.	0	1.	1444.	1445.					1102.	PLATE	1.	1.	0	2.	978.	988.
994.	987.	1.	1.	0	1.	571.	589.					1212.	1211.	1.	1.	0	2.	788.	804.
977.	PLATE	1.	1.	0	1.	571.	589.					1103.	PLATE	1.	1.	0	2.	788.	804.
1529.	1528.	1.	1.	0	2.	950.	958.					853.	838.	1.	1.	0	1.	613.	627.
978.	PLATE	1.	1.	0	2.	950.	958.					1104.	PLATE	1.	1.	0	1.	613.	627.
1445.	1444.	1.	1.	0	2.	696.	704.					656.	640.	1.	1.	0	1.	1063.	1072.
979.	PLATE	1.	1.	0	2.	696.	704.					1105.	PLATE	1.	1.	0	2.	940.	951.
756.	747.	1.	1.	0	2.	806.	816.					1080.	1075.	1.	1.	0	2.	940.	951.
980.	PLATE	1.	1.	0	2.	806.	816.					1106.	PLATE	1.	1.	0	2.	1363.	1364.
865.	855.	1.	1.	0	1.	532.	551.					988.	978.	1.	1.	0	1.	1048.	1055.
981.	PLATE	1.	1.	0	1.	532.	551.					1107.	PLATE	1.	1.	0	2.	738.	753.
589.	571.	1.	1.	0	1.	1014.	1020.					804.	788.	1.	1.	0	2.	901.	914.
982.	PLATE	1.	1.	0	2.	1291.	1292.					1108.	PLATE	1.	1.	0	2.	1452.	1453.
1033.	1029.	1.	1.	0	2.	1291.	1292.					1072.	1063.	1.	1.	0	2.	1537.	1538.
983.	PLATE	1.	1.	0	2.	1355.	1356.					1109.	PLATE	1.	1.	0	2.	1021.	1028.
958.	950.	1.	1.	0	2.	500.	520.					1364.	1363.	1.	1.	0	2.	853.	869.
984.	PLATE	1.	1.	0	2.	500.	520.					1110.	PLATE	1.	1.	0	2.	1212.	1213.
704.	696.	1.	1.	0	1.	994.	997.					951.	940.	1.	1.	0	1.	1072.	1077.
985.	PLATE	1.	1.	0	1.	994.	997.					1111.	PLATE	1.	1.	0	2.	951.	960.
551.	532.	1.	1.	0	2.	912.	919.					1055.	1048.	1.	1.	0	2.	1364.	1365.
986.	PLATE	1.	1.	0	2.	912.	919.					1112.	PLATE	1.	1.	0	2.	1055.	1062.
1020.	1014.	1.	1.	0	2.	756.	765.					753.	738.	1.	1.	0	2.	671.	686.
987.	PLATE	1.	1.	0	2.	756.	765.					1113.	PLATE	1.	1.	0	2.	996.	1006.
1292.	1291.	1.	1.	0	2.	645.	654.					1453.	1452.	1.	1.	0	2.	819.	834.
988.	PLATE	1.	1.	0	2.	645.	654.					1114.	PLATE	1.	1.	0	2.	1077.	1082.
816.	806.	1.	1.	0	2.	1445.	1446.					1538.	1537.	1.	1.	0	2.	1077.	1082.
989.	PLATE	1.	1.	0	2.	1445.	1446.					1115.	PLATE	1.	1.	0	2.	1077.	1082.
1356.	1355.	1.	1.	0	1.	865.	876.					914.	901.	1.	1.	0	2.	1077.	1082.
990.	PLATE	1.	1.	0	1.	865.	876.					1116.	PLATE	1.	1.	0	2.	1077.	1082.
997.	994.	1.	1.	0	2.	1529.	1530.					1028.	1021.	1.	1.	0	2.	1077.	1082.
991.	PLATE	1.	1.	0	2.	1529.	1530.					1117.	PLATE	1.	1.	0	2.	1077.	1082.
919.	912.	1.	1.	0	2.	958.	963.					701.	687.	1.	1.	0	2.	1077.	1082.
992.	PLATE	1.	1.	0	2.	958.	963.					1118.	PLATE	1.	1.	0	2.	1077.	1082.
654.	645.	1.	1.	0	2.	704.	714.					1213.	1212.	1.	1.	0	2.	1077.	1082.
993.	PLATE	1.	1.	0	2.	704.	714.					869.	853.	1.	1.	0	2.	1077.	1082.
1446.	1445.	1.	1.	0	2.	589.	597.					671.	656.	1.	1.	0	2.	1077.	1082.
994.	PLATE	1.	1.	0	2.	589.	597.					1120.	PLATE	1.	1.	0	2.	1077.	1082.
765.	756.	1.	1.	0	2.	1292.	1293.					1121.	PLATE	1.	1.	0	2.	1077.	1082.
995.	PLATE	1.	1.	0	2.	1292.	1293.					996.	988.	1.	1.	0	2.	1077.	1082.
1530.	1529.	1.	1.	0	2.	816.	827.					1122.	PLATE	1.	1.	0	2.	1077.	1082.
996.	PLATE	1.	1.	0	2.	816.	827.					996.	988.	1.	1.	0	2.	1077.	1082.
963.	958.	1.	1.	0	2.	1356.	1357.					1123.	PLATE	1.	1.	0	2.	1077.	1082.
997.	PLATE	1.	1.	0	2.	1356.	1357.					819.	804.	1.	1.	0	2.	1077.	1082.
876.	865.	1.	1.	0	2.	551.	561.					1124.	PLATE	1.	1.	0	2.	1077.	1082.
998.	PLATE	1.	1.	0	2.	551.	561.					1077.	1072.	1.	1.	0	2.	1077.	1082.
714.	704.	1.	1.	0	1.	1020.	1027.					1125.	PLATE	1.	1.	0	2.	1077.	1082.
999.	PLATE	1.	1.	0	1.	1020.	1027.					1365.	1364.	1.	1.	0	2.	1077.	1082.
597.	589.	1.	1.	0	2.	919.	925.					1126.	PLATE	1.	1.	0	2.	1077.	1082.
1000.	PLATE	1.	1.	0	2.	919.	925.					960.	951.	1.	1.	0	2.	1077.	1082.
1043.	1033.	1.	1.	0	2.	654.	665.					1127.	PLATE	1.	1.	0	2.	1077.	1082.
1001.	PLATE	1.	1.	0	2.	654.	665.					1062.	1055.	1.	1.	0	2.	1077.	1082.
1293.	1292.	1.	1.	0	2.	520.	528.					1128.	PLATE	1.	1.	0	2.	1077.	1082.
1002.	PLATE	1.	1.	0	2.	520.	528.					770.	753.	1.	1.	0	2.	1077.	1082.
1357.	1356.	1.	1.	0	1.	997.	1008.					1129.	PLATE	1.	1.	0	2.	1077.	1082.
1003.	PLATE	1.	1.	0	1.	997.	1008.					1130.	PLATE	1.	1.	0	2.	1077.	1082.
561.	551.	1.	1.	0	1.	765.	778.					1454.	1453.	1.	1.	0	2.	1077.	1082.
1004.	PLATE	1.	1.	0	2.	765.	778.					1131.	PLATE	1.	1.	0	2.	1077.	1082.
1027.	1020.	1.	1.	0	2.	876.	884.					924.	914.	1.	1.	0	2.	1077.	1082.
1005.	PLATE	1.	1.	0	2.	876.	884.					1132.	PLATE	1.	1.	0	2.	1077.	1082.
827.	816.	1.	1.	0	2.	1530.	1531.					1037.	1028.	1.	1.	0	2.	1077.	1082.
1006.	PLATE	1.	1.	0	2.	1530.	1531.					1133.	PLATE	1.	1.	0	2.	1077.	1082.
925.	919.	1.	1.	0	1.	1446.	1447.					717.	701.	1.	1.	0	2.	1077.	1082.
1007.	PLATE	1.	1.	0	1.	1446.	1447.					1134.	PLATE	1.	1.	0	2.	1077.	1082.
665.	654.	1.	1.	0	1.	597.	609.					1214.	1213.	1.	1.	0	2.	1077.	1082.
1008.	PLATE	1.	1.	0	1.	597.	609.					1135.	PLATE	1.	1.	0	2.	1077.	1082.
1008.	997.	1.	1.	0	2.	963.	974.					882.	869.	1.	1.	0	2.	1077.	1082.
1009.	PLATE	1.	1.	0	2.	963.	974.					1136.	PLATE	1.	1.	0	2.	1077.	1082.
1531.	1530.	1.	1.	0	2.	714.	726.					686.	671.	1.	1.	0	2.	1077.	1082.
1010.	PLATE	1.	1.	0	2.	714.	726.					1137.	PLATE	1.	1.	0	2.	1077.	1082.
1447.	1446.	1.	1.	0	2.	827.	835.					1092.	1087.	1.	1.	0	2.	1077.	1082.
1011.	PLATE	1.	1.	0	2.	827.	835.					1138.	PLATE	1.	1.	0	2.	1077.	1082.
778.	765.	1.	1.	0	1.	561.	575.					1006.	996.	1.	1.	0	2.	1077.	1082.
1012.	PLATE	1.	1.	0	1.	561.	575.					1139.	PLATE	1.	1.	0	2.	1077.	1082.
884.	876.	1.	1.	0	2.	1293.	1294.					834.	819.	1.	1.	0	2.	1077.	1082.
1013.	PLATE	1.	1.	0	2.	1293.	1294.					1140.	PLATE	1.	1.	0	2.	1077.	1082.
609.	597.	1.	1.	0	2.	1357.	1358.					1082.	1077.	1.	1.	0	2.	1077.	1082.
1014.	PLATE	1.	1.	0	2.	1357.	1358.					1141.	PLATE	1.	1.	0	2.	1077.	1082.
974.	963.	1.	1.	0	1.	528.	544.					1366.	1365.	1.	1.	0	2.	1077.	1082.
1015.	PLATE	1.	1.</																

983	970	1	0			1073	1067	1	0			1111	1108	1	0				
1159	PLATE	1	1	0	1	1455	1456					1285	PLATE	1	1	0	2	1090	1095
1076	1071	1	1	0				1222	PLATE	1	1	0	1	745	759				
1160	PLATE	1	1	0	2	1540	1541					1464	1463	1	1	0	2	1009	1015
799	785	1	1	0	2	1047	1053					1286	PLATE	1	1	0	2	1009	1015
1161	PLATE	1	1	0	2	1047	1053					1045	1039	1	1	0	2	1374	1375
1456	1455	1	1	0	1	731	746					1287	PLATE	1	1	0	2	1223	1224
1162	PLATE	1	1	0	2	894	908					938	926	1	1	0	2	886	899
1541	1540	1	1	0	2	1215	1216					1288	PLATE	1	1	0	2	1068	1074
1163	PLATE	1	1	0	1	700	716					1095	1090	1	1	0	2	976	981
948	935	1	1	0	2	1018	1026					1289	PLATE	1	1	0	2	1548	1549
1164	PLATE	1	1	0	2	848	863					1375	1374	1	1	0	2	836	851
1053	1047	1	1	0	2	1018	1026					1290	PLATE	1	1	0	2	1045	1052
1165	PLATE	1	1	0	2	848	863					1224	1223	1	1	0	2	938	946
746	731	1	1	0	2	948	959					1291	PLATE	1	1	0	2	1111	1114
1166	PLATE	1	1	0	2	1456	1457					1015	1009	1	1	0	2	807	821
1216	1215	1	1	0	2	799	814					1292	PLATE	1	1	0	2	1015	1024
1167	PLATE	1	1	0	2	948	959					899	886	1	1	0	2	1375	1376
908	894	1	1	0	2	1456	1457					1293	PLATE	1	1	0	2	781	794
1168	PLATE	1	1	0	2	1053	1059					1549	1548	1	1	0	2	1464	1465
716	700	1	1	0	2	1053	1059					1294	PLATE	1	1	0	2	899	906
1169	PLATE	1	1	0	2	746	761					1132	1128	1	1	0	2	1095	1100
1102	1097	1	1	0	2	908	920					1295	PLATE	1	1	0	2	981	992
1170	PLATE	1	1	0	2	1216	1217					1074	1068	1	1	0	2	1549	1550
1026	1018	1	1	0	2	1094	1096					1296	PLATE	1	1	0	2	1224	1225
1171	PLATE	1	1	0	2	1094	1096					981	976	1	1	0	2	1125	1127
863	848	1	1	0	2	1081	1084					1297	PLATE	1	1	0	2	851	861
1172	PLATE	1	1	0	2	993	1003					1298	PLATE	1	1	0	2	1074	1079
1094	1089	1	1	0	2	993	1003					851	836	1	1	0	2	946	957
1173	PLATE	1	1	0	2	1368	1369					1299	PLATE	1	1	0	2	1114	1118
1368	1367	1	1	0	2	1457	1458					1052	1045	1	1	0	2	821	830
1174	PLATE	1	1	0	2	1096	1099					1300	PLATE	1	1	0	2	1052	1058
993	983	1	1	0	2	1096	1099					946	938	1	1	0	2	1376	1377
1175	PLATE	1	1	0	2	1059	1064					1301	PLATE	1	1	0	2	1465	1466
1081	1076	1	1	0	2	1059	1064					821	807	1	1	0	2	794	803
1176	PLATE	1	1	0	2	1457	1458					1302	PLATE	1	1	0	2	1127	1129
814	799	1	1	0	2	1457	1458					1114	1111	1	1	0	2	906	917
1177	PLATE	1	1	0	2	1096	1099					1303	PLATE	1	1	0	2	1100	1101
1457	1456	1	1	0	2	1059	1064					1376	1375	1	1	0	2	1024	1031
1178	PLATE	1	1	0	2	959	968					1304	PLATE	1	1	0	2	1550	1551
1542	1541	1	1	0	2	959	968					1465	1464	1	1	0	2	1118	1119
1179	PLATE	1	1	0	2	1084	1088					1305	PLATE	1	1	0	2	1225	1226
959	948	1	1	0	2	1084	1088					1024	1015	1	1	0	2	1466	1467
1180	PLATE	1	1	0	2	1217	1218					1306	PLATE	1	1	0	2	1079	1083
1059	1053	1	1	0	2	1217	1218					906	899	1	1	0	2	1129	1131
1181	PLATE	1	1	0	2	1034	1038					1307	PLATE	1	1	0	2	992	1002
761	746	1	1	0	2	1034	1038					1100	1095	1	1	0	2	1129	1131
1182	PLATE	1	1	0	2	1034	1038					1308	PLATE	1	1	0	2	1024	1031
1106	1102	1	1	0	2	1034	1038					1133	1132	1	1	0	2	1466	1467
1183	PLATE	1	1	0	2	1034	1038					1309	PLATE	1	1	0	2	1079	1083
1217	1216	1	1	0	2	1034	1038					1550	1549	1	1	0	2	1129	1131
1184	PLATE	1	1	0	2	1034	1038					1310	PLATE	1	1	0	2	906	917
920	908	1	1	0	2	1034	1038					1225	1224	1	1	0	2	1074	1079
1185	PLATE	1	1	0	2	1034	1038					1311	PLATE	1	1	0	2	946	957
729	716	1	1	0	2	1034	1038					992	981	1	1	0	2	1114	1118
1186	PLATE	1	1	0	2	1034	1038					1312	PLATE	1	1	0	2	821	830
1096	1094	1	1	0	2	1034	1038					1127	1125	1	1	0	2	1052	1058
1187	PLATE	1	1	0	2	1034	1038					1313	PLATE	1	1	0	2	1376	1377
1034	1026	1	1	0	2	1034	1038					861	851	1	1	0	2	1465	1466
1188	PLATE	1	1	0	2	1034	1038					1314	PLATE	1	1	0	2	794	803
878	863	1	1	0	2	1034	1038					1079	1074	1	1	0	2	1127	1129
1189	PLATE	1	1	0	2	1034	1038					1315	PLATE	1	1	0	2	906	917
1084	1081	1	1	0	2	1034	1038					957	946	1	1	0	2	1100	1101
1190	PLATE	1	1	0	2	1034	1038					1316	PLATE	1	1	0	2	1024	1031
1369	1368	1	1	0	2	1034	1038					1118	1114	1	1	0	2	1550	1551
1191	PLATE	1	1	0	2	1034	1038					1317	PLATE	1	1	0	2	1118	1119
1109	1106	1	1	0	2	1034	1038					830	821	1	1	0	2	1225	1226
1192	PLATE	1	1	0	2	1034	1038					1318	PLATE	1	1	0	2	992	1002
1458	1457	1	1	0	2	1034	1038					1134	1133	1	1	0	2	1129	1131
1193	PLATE	1	1	0	2	1034	1038					1319	PLATE	1	1	0	2	1079	1083
1003	993	1	1	0	2	1034	1038					1377	1376	1	1	0	2	1129	1131
1194	PLATE	1	1	0	2	1034	1038					1320	PLATE	1	1	0	2	992	1002
829	814	1	1	0	2	1034	1038					1466	1465	1	1	0	2	1129	1131
1195	PLATE	1	1	0	2	1034	1038					1321	PLATE	1	1	0	2	1024	1031
1064	1059	1	1	0	2	1034	1038					1058	1052	1	1	0	2	1550	1551
1196	PLATE	1	1	0	2	1034	1038					917	906	1	1	0	2	1118	1119
1099	1096	1	1	0	2	1034	1038					1323	PLATE	1	1	0	2	1225	1226
1197	PLATE	1	1	0	2	1034	1038					1129	1127	1	1	0	2	1225	1226
1543	1542	1	1	0	2	1034	1038					1324	PLATE	1	1	0	2	992	1002
1198	PLATE	1	1	0	2	1034	1038					1101	1100	1	1	0	2	1129	1131
1218	1217	1	1	0	2	1034	1038					1325	PLATE	1	1	0	2	1079	1083
1199	PLATE	1	1	0	2	1034	1038					1551	1550	1	1	0	2	1079	1083
968	959	1	1	0	2	1034	1038					1226	1225	1	1	0	2	1466	1467
1200	PLATE	1	1	0	2	1034	1038					1327	PLATE	1	1	0	2	992	1002
1088	1084	1	1	0	2	1034	1038					1119	1118	1	1	0	2	1058	1061
1201	PLATE	1	1	0	2	1034	1038					1328	PLATE	1	1	0	2	1119	1122
777	761	1	1	0	2	1034	1038					1031	1024	1	1	0	2	1226	1227
1202	PLATE	1	1	0	2	1034	1038					1329	PLATE	1	1	0	2	957	967
1038	1034	1	1	0	2	1034	1038					1135	1134	1	1	0	2	803	818
1459	1458	1	1	0	2	1034	1038					874	861	1	1	0	2	1083	1086
1204																			

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1066, 1061, 1, 1, 0 1, 874, 887,
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1364, PLATE, 1, 1, 0 2, 1370, 1380,
891, 887, 1, 1, 0 2, 1371, 1381,
1365, PLATE, 1, 1, 0 2, 1372, 1382,
1016, 1010, 1, 1, 0 2, 1373, 1383,
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939, 933, 1, 1, 0 2, 1375, 1385,
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866, 860, 1, 1, 0 2, 1377, 1387,
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1554, 1553, 1, 1, 0 2, 1379, 1389,
1369, PLATE, 1, 1, 0 2, 1380, 1390,
982, 977, 1, 1, 0 2, 1381, 1391,
1370, PLATE, 1, 1, 0 2, 1382, 1392,
1381, 1380, 1, 1, 0 2, 1383, 1393,
1371, PLATE, 1, 1, 0 2, 1384, 1394,
900, 891, 1, 1, 0 2, 1385, 1395,
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947, 939, 1, 1, 0 2, 1387, 1397,
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873, 866, 1, 1, 0 2, 1389, 1399,
1374, PLATE, 1, 1, 0 2, 1390, 1400,
1555, 1554, 1, 1, 0 2, 1391, 1401,
1375, PLATE, 1, 1, 0 2, 1392, 1402,
905, 900, 1, 1, 0 2, 1393, 1403,
1376, PLATE, 1, 1, 0 2, 1394, 1404,
879, 873, 1, 1, 0 2, 1395, 1405,
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1378, PLATE, 1, 1, 0 2, 1398, 1408,
458, 457, 1, 1, 0 2, 1399, 1409,
*GROUP : Group
NAME NODE_LIST, ELEM_LIST,
PLANE TYPE
16771 3to7 9to177by56 11to20
23to103by20 25to36 38to50by3 40to130by30
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46to238by64 49to187by46 56to62by2
67to310by81 68to77by3 82 93to390by99
97to241by48 98to185by29
104to146by14 106 107to403by74
114to338by56
136to138 142to507by73 153 161
165to513by116 176to542by122 180 189
197to482by95 201 207 216to222by2
228to468by80 231 237 246 251
260to470by70 270 272 275
278to347by23 279 323 332 336 342 344 352
357
369 378 384 393 408 411 421 426
427 429 437to473by12 441 446 454to460by2
\
467 474 479 486 492 493 499 501
510 517 526 536 550 1136to1148
1231to1245 1297to1311 1384to1398
1471to1485 1556, 33to249 251to263by2, 0
17771 42to252by70 45to73by7
48to144by24 57to306by83 61to202by47
64to334by45 69to315by82
75to465by130 76to481by135 78to81 84to86
91to203by28 92to263by57
94to406by104 99to27by32 101
102to564by154 105
113to152by13 115to117 122to124
129to450by107 133to135 143 157to160
167to169 171to678by169
178to232by18 179 186to514by82
188to572by96 191 \
213 219 224 239to638by133
247to250 257to422by55 261to651by130 265
\
274to283by3 294to297 304 307
311to581by90 321to699by126 326to328 \
354to362by2 368 374 383
385to685by100 392 394to610by72 407 415
419 \
424to496by24 430 438 440to602by54
459to720by87 490 506 519 522to591by23
529to535by2 541 553 555 558to560
563 576to648by18 577 582 586 592 598
601 607 608 618 619 621 634 641
642 653 659 663 664 669 673 689 695 709
\
1149to1165 1167to1173 1175to1181
1183to1203 1247to1268 1313to1334
1399to1421 1487to1508,
278to298by5 281 285 286 290 295 296
300to603 \
605to607 609to627by6 610to638by7
612 614 620 626 630 634 641 644 648, 0
18771 200to497by99 208to370by54
217to436by73 230to314by28 235to439by34
243to561by106 245 254to386by33
271to457by62 276to654by126 300to543by81
\
305to527by74 313to616by101
322to625by101 331to747by104
341to725by128 \
348to620by68 355to635by70
364to772by136 366to828by154
376to679by101 389 \
399 412to511by33 431to800by123
433to733by75 443to932by163 464 \
475to646by57 480to837by119 488
498 503 504to870by122 512to587by25 \
518to833by105 530 547to889by114
549to786by79 551 556to805by83 569to571 \
574 579to789by70 590to944by118
593 600 605 611 614 631 645to846by67 652
\
655 666to668 681to683 688to696by2
697 702to704 715 727 732 739to741 744 \
754to758 762 768 773to929by52
782to784 793 795to798 806 809to813 817
820 \
823to895by24 831to1017by62
840to842 852 855to858 862 867 868 880 881
883 \
885 892 898 902 903 907to913by2
918 921to923 931 934 941 942 945 952 953
\
961 962 965 971to973 979 984 985
991 995 998 1001 1012 1204to1206 \
1270to1290 1336to1356 1423to1443
1510to1530, 633to661by7 637 643to664by7 \
651 655 660 666 667 669 670 672
673 675to677 679to952 954 955 957to960 \
962 964 965 967 968 971to981by2
984 985 989 992 995 999 1003, 0
19771 544to676by44 557to818by87
566 584to774by38 596to896by75 \
603to897by98 613to832by73
615to891by69 627 629 640to781by47
647to854by69 \
656to761by35 662 665 672to819by49
675 700 706 713to824by37 717 724 729 \
738 743 745 751 764to766 771
776to778 788to794by2 801to804 807 808 \
814to816 827 829 830 834to836 838
839 843to845 848to851 853 859to861 \
863to866 869 872to876 878 882 884
886to888 890 894 899 901 904to906 908 \
910to940by10 914to917 919
924to928 933 935to938 943 946to997by17 \
948to951 954 956to960 964
966to970 974to978 981 983 986to990
992to994 \
996 999 1000 1002to1004
1006to1011 1013to1016 1018to1039
1041to1045 \
1047to1085 1087to1090 1092to1104
1106 1108to1116 1118to1122 1124 1125 \
1127to1129 1132to1135 1208to1226
1292to1294 1358to1379 1381 1445to1466 \
1532to1554 982 986 990 993 996
1000 1001 1004to1014by2 1017 1018 1020 \
1021 1023 1024 1026to1028 1030
1031 1033to1317 1319to1322 1324to1326 \
1328to1344by4 1330 1335 1338
1343to1352by3 1350 1354to1356 1359 1360
\
1364 1367, 0
1368 1369, 0
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550 564 568 630 678 699 720 795 800 542
610 680 911 918 952 1005 1012
1014 1017 1043 1056 1060 1087 1097 1099
\
1102 1104 1106 1121 1148 1198,
33to145by16 160 172 187 204 219 235 250
\
265 278 295 314 328 343 362
377to425by16 440to533by31 456 486 517
551 \
569 582 593 604 618 633 650 670
689 705 722to786by16 801to881by16 895
911 927 941 953 969 982 1000 1020
1038 1054 1070 1088 1105to1169by16 \
1182 1191 1207 1228 1248 1262
1276 1294 1308 1318 1329, 0
\
21to5 7to39by10 12
16to64by16 52 57 86 94 109 116 131 139
208 \
217 245 276 305 320 337 366 402
439 462 500 520 528 557 566 603 \
613to706by31 736 751 781 803 832
839 854 1136 1149 1151 1153, \
16to144by16 161 181 198
213to555by114 229 246to930by228 263 282
299 312 \
346 360 375 391to490by33 408 506
524 540 568 586 609 630 648 662 678 690
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718 735to815by16 832to880by16 897
914 947 965 985 1003 1016 1032 1044 \
1059 1075 1090 1104to1168by16
1185 1205 1226 1242 1251 1265 1283 1301
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1317 1336 1355 1367 1373 1376, 0
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36 39 42 49 53 59 71 76 78
107 111 115 146 150 155 192 198 202 \
237 242 248 291 297to474by59 302
344 351 403 409 483 490 517 525 529 550
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558 564 1245to1247 1311to1313
1398to1400 1485to1487, 250to264by2 \
265to277 279to299by5 280
282to297by5 291, 0
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200 208 225 235 253 262
303 314 359 370 418 431 489 503 556 569
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617 626 670 681 722 752 780 1153
1157 1160to1188by4 1193 1197 1200 \
1204to1206 1268to1270 1334to1336
1421to1423 1508to1510, 604to632by7 608 \
613to622by3 623 628 629 635
636to645by3 646 649 652 653to662by3 658
663 \
665to674by3 678, 0
\
528 544 557 561 575 588
597 609 622 654to987by111 665 676 704 \
714 726 756 778 806 816 827 855
865 902 912 919 942 950 958 979 994 998
\
1005 1014 1017 1023 1029
1290to1292 1356to1358 1443to1445
1530to1532, \
953 956 961 963 966 969
970to980by2 983 987 988to997by3 998 1002
\
1005to1015by2 1016to1025by3 1029
1032, 0
*MATERIAL : Material
: iMAT, TYPE, MNAME, SPHEAT, HEATCO,
PLAST, TUNIT, bMASS, DAMPRATIO,
[DATA1] : STEEL, CONC, USER
: iMAT, TYPE, MNAME, SPHEAT, HEATCO,
PLAST, TUNIT, bMASS, DAMPRATIO,
[DATA2], [DATA2] : SRC
: [DATA1] : 1, DB, NAME, CODE,
USELAST, ELAST
: [DATA1] : 2, ELAST, POISN, THERMAL,
DEN, MASS
: [DATA1] : 3, Ex, Ey, Ez, Tx, Ty, Tz, Sxy,
Sxz, Syz, Pxy, Pxz, Pyz, DEN, MASS
: Orthotropic
: [DATA2] : 1, DB, NAME, CODE,
USELAST, ELAST or 2, ELAST, POISN,
THERMAL, DEN, MASS
1, CONC C27
C, NO, 0.05, i, KS01-Civil(RC), 0, 0, ,
C27, NO, 2.4645e+007
*MATL-COLOR
: iMAT, W.R, W.G, W.B, HF.R, HF.G,
HF.B, HE.R, HE.G, HE.B, bBLEND, FACT
1, 255, 0, 0, 0.255, 0, 0,
0, 255, NO, 0.5
*THICKNESS : Thickness
: iTHK, TYPE, bSAME, THIK-IN, THIK-OUT,
bOFFSET, OFFTYPE, VALUE
: TYPE=VALUE
: iTHK, TYPE, SUBTYPE, RPOS, WEIGHT
:
TYPE=STIFFENED, SUBTYPE=VALUE
SHAPE, THIK-IN, THIK-OUT, HU,
HL : for yz
section
SHAPE, THIK-IN, THIK-OUT, HU,
HL : for xz
section
: iTHK, TYPE, SUBTYPE, RPOS, PLATETHIK
: TYPE=STIFFENED : TYPE=STIFFENED,
SUBTYPE=USER
bRIB {, SHAPE, DIST, SIZE1, SIZE2,
..., SIZE6} : for yz section
bRIB {, SHAPE, DIST, SIZE2, SIZE2,
..., SIZE6} : for xz section
: iTHK, TYPE, SUBTYPE, RPOS,
PLATETHIK, DBNAME
: TYPE=STIFFENED SUBTYPE=DB
: bRIB {, SHAPE, DIST, SNAME}
: for yz section
: bRIB {, SHAPE, DIST, SNAME}
: for xz section
1, VALUE, YES, 0.3, 0, NO, 0, 0
2, VALUE, YES, 1.2, 0, NO, 0, 0
3, VALUE, YES, 0.9, 0, NO, 0, 0
*THIK-COLOR
: iTHK, W.R, W.G, W.B, HF.R, HF.G,
HF.B, HE.R, HE.G, HE.B, bBLEND, FACT
1, 255, 0, 0, 0.255, 0, 0,
0, 255, NO, 0.5
0, 255, NO, 0.5
0, 255, NO, 0.5
0, 255, NO, 0.5
0, 255, NO, 0.5
0, 255, NO, 0.5
0, 255, NO, 0.5
*STDCASE : Static Load Cases
: LCNAME, LCTYPE, DESC
자중, D
방호벽하중, D,
윤치하중, D,
현치하중, D,
*CONSTRAINT : Supports
: NODE_LIST, CONST(Dx,Dy,Dz,Rx,Ry,Rz),
GROUP
1335, 111000,
1269, 101000,
1227, 1230 1246 1291, 011000,
1296 1312 1357 1380, 001000,
: *LOADTOMASS, DIR, bNODAL, bBEAM,
bFLOOR, bPRES, GRAV,
bFACTOR1, LCNAME1, FACTOR1, LCNAME2,
FACTOR2, : from line 1
*LOADTOMASS, XYZ, YES, YES, YES, YES,
9.806
자중, 1, 방호벽하중, 1, 포장하중, 1, 현치하
중, 1
*USE-STLD, 자중
: *SELFWEIGHT, X, Y, Z, GROUP
*SELFWEIGHT, 0, 0, -1,
: End of data for load case [자중]
-----
*USE-STLD, 방호벽하중
*PRESSURE : Pressure Loads
: ELEM_LIST, CMD, ETPP, LTYP, DIR, VX,
VY, VZ, bPROJ, PU, PI, P2, P3, P4, GROUP
: ETPP=PLATE, LTYP=FACE
: ELEM_LIST, CMD, ETPP, LTYP, iEDGE,
DIR, VX, VY, VZ, PU, PI, P2, GROUP
: ETPP=PLATE, LTYP=EDGE
: ELEM_LIST, CMD, ETPP, iEDGE, DIR, VX,
VY, VZ, PU, PI, P2, GROUP
: ETPP=PLANE
: ELEM_LIST, CMD, ETPP, iFACE, DIR, VX,
VY, VZ, bPROJ, PU, PI, P2, P3, P4, GROUP
: ETPP=SOLID
: [PLATE] : plate, plane stress, [PLANE] :
axisymmetric, plane strain
16, PRES, : PLATE, FACE, LZ, 0, 0, 0,
NO, -24.15, 0, 0, 0,
32, PRES, : PLATE, FACE, LZ, 0, 0, 0,
NO, -24.15, 0, 0, 0,
33, PRES, : PLATE, FACE, LZ, 0, 0, 0,
NO, -24.15, 0, 0, 0,
48, PRES, : PLATE, FACE, LZ, 0, 0, 0,
NO, -24.15, 0, 0, 0,
49, PRES, : PLATE, FACE, LZ, 0, 0, 0,
```


[illegible][illegible]


```
*USE-STYLE : 현치하중
*PRESSURE : Pressure Loads
: ELEM_LIST CMD, ETYP, LTYP, DIR, VX,
VY, VZ, DPROJ, PU, P1, P2, P3, P4, GROUP
: ETYP=PLATE, LTYP=FACE
: ELEM_LIST CMD, ETYP, LTYP, iEDGE,
DIR, VX, VY, VZ, PU, P1, P2, GROUP
: ETYP=PLATE, LTYP=EDGE
: ELEM_LIST CMD, ETYP, iEDGE, DIR, VX,
```

NO	-12.5	0.	0.	0.
284.	PRES.	PLATE.	FACE.	LZ.
NO	-12.5	0.	0.	0.
285.	PRES.	PLATE.	FACE.	LZ.
NO	-11.006	0.	0.	0.
286.	PRES.	PLATE.	FACE.	LZ.
NO	-11.01	0.	0.	0.
287.	PRES.	PLATE.	FACE.	LZ.
NO	-12.5	0.	0.	0.
288.	PRES.	PLATE.	FACE.	LZ.

NO. 621.	PRES.	PLATE.	FACE.	LZ.	0.	0.	0.
NO. -11.006.	0.	0.	0.	0.	0.	0.	0.
623.	PRES.	PLATE.	FACE.	LZ.	0.	0.	0.
NO. -12.5.	0.	0.	0.	0.	0.	0.	0.
627.	PRES.	PLATE.	FACE.	LZ.	0.	0.	0.
NO. -11.006.	0.	0.	0.	0.	0.	0.	0.
628.	PRES.	PLATE.	FACE.	LZ.	0.	0.	0.
NO. -12.5.	0.	0.	0.	0.	0.	0.	0.
629.	PRES.	PLATE.	FACE.	LZ.	0.	0.	0.

[illegible]

```
NO, -3.47, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1066, PRES, NO, -3.47, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1285, PRES, NO, -3.47, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1288, PRES, NO, -3.47, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1290, PRES, NO, -3.47, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1295, PRES, NO, -3.47, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1299, PRES, NO, -3.47, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1304, PRES, NO, -5.503, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1305, PRES, NO, -3.47, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1307, PRES, NO, -5.503, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1310, PRES, NO, -5.503, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1311, PRES, NO, -3.47, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1314, PRES, NO, -5.503, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1315, PRES, NO, -3.47, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1319, PRES, NO, -3.47, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1320, PRES, NO, -11.006, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1321, PRES, NO, -5.503, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1322, PRES, NO, -3.47, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1324, PRES, NO, -11.006, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1326, PRES, NO, -11.006, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1328, PRES, NO, -5.503, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1329, PRES, NO, -12.5, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1332, PRES, NO, -11.01, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1334, PRES, NO, -12.5, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1335, PRES, NO, -5.503, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1337, PRES, NO, -12, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1338, PRES, NO, -11.01, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1340, PRES, NO, -5.503, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1341, PRES, NO, -12.5, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1342, PRES, NO, -12.5, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1343, PRES, NO, -5.503, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1344, PRES, NO, -11.01, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1345, PRES, NO, -12.5, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1346, PRES, NO, -5.503, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1347, PRES, NO, -12.5, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1348, PRES, NO, -12.5, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1350, PRES, NO, -11.01, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1351, PRES, NO, -12.5, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1353, PRES, NO, -12.5, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1354, PRES, NO, -11.01, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1356, PRES, NO, -11.01, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1357, PRES, NO, -12.5, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1358, PRES, NO, -12.5, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1359, PRES, NO, -11.01, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1361, PRES, NO, -12.5, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1362, PRES, NO, -12.5, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1363, PRES, NO, -12.5, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1365, PRES, NO, -12.5, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1366, PRES, NO, -12.5, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1369, PRES, NO, -12.5, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1370, PRES, NO, -12.5, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
1372, PRES, NO, -12.5, 0, 0, 0, 0, PLATE, FACE, LZ, 0, 0, 0,
: End of data for load case [현치하중]

-----
*MVLDCCODE      : Moving Load Code
: CODE=CODE
:   CODE=KOREA
*SURFLANE       : Traffic Surface Lanes
: NAME=NAME, WIDTH, START, END,
MOVING, WS, bLANEOPT, ALLOWWIDTH)
line 1
ECCVL          iNODE1, OFFSET1, FACT1, bSPAN1,
...            iNODE1, OFFSET1, dSPAN, dFACT,
... NAME=L1, 3, 0, 0, BOTH, 1.8, NO, 3
               164, -0.475, 0.273, YES, 0,    166,
-0.475, 0.273, NO, 0
               170, -0.475, 0.273, NO, 0,    174,
-0.475, 0.273, NO, 0
               177, -0.475, 0.273, NO, 0,    180,
-0.475, 0.273, NO, 0
               185, -0.475, 0.273, NO, 0,    189,
-0.475, 0.273, NO, 0
               193, -0.475, 0.273, NO, 0,    197,
```

-0.475, 0.273, NO, 0	-0.179, 0.25, NO, 0	[BS-DATA-HB2], [BS-DATA-LF]
-0.475, 0.273, NO, 0	1517, -0.179, 0.25, NO, 0, 1518,	: user(HA&HB)
-0.475, 0.273, NO, 0	-0.179, 0.25, NO, 0	: NAME=NAME, 2, iSTYPE, [BD37/01-HA],
-0.475, 0.273, NO, 0	1519, -0.179, 0.25, NO, 0, 1520,	[BD37/01-HB], [BS-DATA-LF]
-0.475, 0.273, NO, 0	-0.179, 0.25, NO, 0	: user(HA&HB(AUTO))
-0.475, 0.273, NO, 0	1521, -0.179, 0.25, NO, 0, 1522,	: NAME=NAME, 2, iSTYPE, W, L
-0.475, 0.273, NO, 0	-0.179, 0.25, NO, 0	: user(Pedestrian)
-0.475, 0.273, NO, 0	1523, -0.179, 0.25, NO, 0, 1524,	: NAME=NAME, 2, iSTYPE, V, AN, MINS,
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	MAXS, P1, D1, P2, D2, ...
-0.475, 0.25, NO, 0	1525, -0.179, 0.25, NO, 0, 1526,	: user(Special Vehicle)
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	: [BS-DATA-HA] : W1, W2, W3, EXP,
-0.475, 0.25, NO, 0	1527, -0.179, 0.25, NO, 0, 1528,	EXP2, L1, L2, Pa
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	: [BS-DATA-HA2] : W1, W2, W3, EXP,
-0.475, 0.25, NO, 0	1529, -0.179, 0.25, NO, 0, 1530,	EXP2, L1, L2
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	: [BS-DATA-HB] : Pb, D1, D2, d,
-0.475, 0.25, NO, 0	1531, -0.179, 0.25, NO, 0, 1532,	UNITNUM
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	: [BS-DATA-HB2] : Pb, D1, D2, d, dd,
-0.475, 0.25, NO, 0	1533, -0.179, 0.25, NO, 0, 1534,	UNITNUM
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	: [BS-DATA-LF] : nLT, LF1, LF2, LF3, LF4
-0.475, 0.25, NO, 0	1535, -0.179, 0.25, NO, 0, 1536,	: if Moving Load Code is EUROC
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	: NAME=NAME, 1, iTYPE, TYPE-NAME
-0.475, 0.25, NO, 0	1537, -0.179, 0.25, NO, 0, 1538,	PSY1, PSY2, PHI, [AF7]
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	: standard (LM1, FLM1)
-0.475, 0.25, NO, 0	1539, -0.179, 0.25, NO, 0, 1540,	: NAME=NAME, 1, iTYPE, TYPE-NAME,
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	bDF, bU, PHI, PSY, ADJ, IN
-0.475, 0.25, NO, 0	1541, -0.179, 0.25, NO, 0, 1542,	: standard (others)
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	: NAME=NAME, 2, 1, [AF7]
-0.475, 0.25, NO, 0	1543, -0.179, 0.25, NO, 0, 1544,	: user(Type 1)
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	: [LOAD7], D, PHI, TPSY, UPSY
-0.475, 0.25, NO, 0	1545, -0.179, 0.25, NO, 0, 1546,	: user(Type 1): line 2
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	: NAME=NAME, 2, 2, ALP, TPSY, W, BET,
-0.475, 0.25, NO, 0	1547, -0.179, 0.25, NO, 0, 1550,	LPSY, P1, D1, P2, D2, ...
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	: user(Type 2)
-0.475, 0.25, NO, 0	1549, -0.179, 0.25, NO, 0, 1552,	: NAME=NAME, 2, 3
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	: user(Type 3)
-0.475, 0.25, NO, 0	1551, -0.179, 0.25, NO, 0, 1554,	: [LOADCASE1]
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	: user(Type 3): line 2
-0.475, 0.25, NO, 0	1553, -0.179, 0.25, NO, 0	: [LOADCASE2]
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	: user(Type 3): line 3
-0.475, 0.25, NO, 0	1555, -0.179, 0.25, NO, 0	: [LOADCASE3]
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	: user(Type 3): line 4
-0.475, 0.25, NO, 0	1557, -0.179, 0.25, NO, 0	: NAME=NAME, 2, 4, WS, V, AN, MINS,
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	MAXS, DYF, UI, F, P1, D1, P2, D2, ...
-0.475, 0.25, NO, 0	1559, -0.179, 0.25, NO, 0	: user(Type 4)
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	: NAME=NAME, 2, 5, INT, bPHI1, PHI1,
-0.475, 0.25, NO, 0	1561, -0.179, 0.25, NO, 0	bPHI2, PHI2
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	: user(Type 5)
-0.475, 0.25, NO, 0	1563, -0.179, 0.25, NO, 0	: [VEHICLE1]
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	: user(Type 5): line 2
-0.475, 0.25, NO, 0	1565, -0.179, 0.25, NO, 0	: [VEHICLE2]
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	: user(Type 5): line 3
-0.475, 0.25, NO, 0	1567, -0.179, 0.25, NO, 0	: [VEHICLE3]
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	: user(Type 5): line 4
-0.475, 0.25, NO, 0	1569, -0.179, 0.25, NO, 0	: [AF7] : TF1, TF2, TF3, UF1, UF2, UF3,
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	U, F, P1, D1, P2, D2, ...
-0.475, 0.25, NO, 0	1571, -0.179, 0.25, NO, 0	: adjustment factor
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	: [LOAD7] : TL1, TL2, TL3, UL1, UL2, UL3,
-0.475, 0.25, NO, 0	1573, -0.179, 0.25, NO, 0	U, L, P1, D1, P2, D2, ...
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	: tandem/udl loads
-0.475, 0.25, NO, 0	1575, -0.179, 0.25, NO, 0	: [LOADCASE] : bUSE, N, bDF, bUI, PHI,
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	P1, L1, P2, L2, ...
-0.475, 0.25, NO, 0	1577, -0.179, 0.25, NO, 0	: load case
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	: [VEHICLE] : bUSE, N, P1, L1, P2, L2, ...
-0.475, 0.25, NO, 0	1579, -0.179, 0.25, NO, 0	: vehicle
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	: if Moving Load Code is RUSSIA
-0.475, 0.25, NO, 0	1581, -0.179, 0.25, NO, 0	: NAME=NAME, 1, iTYPE, K, nDYNAFAC,
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	dDYNAFAC, bFATI, nLOADFAC, dLOADFAC
-0.475, 0.25, NO, 0	1583, -0.179, 0.25, NO, 0	: standard (SK)
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	: NAME=NAME, 1, iTYPE, K, nDYNAFAC,
-0.475, 0.25, NO, 0	1585, -0.179, 0.25, NO, 0	dDYNAFAC, bFATI, nLOADFAC, dLOADFAC
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	: standard (SK FATIGUE)
-0.475, 0.25, NO, 0	1587, -0.179, 0.25, NO, 0	: NAME=NAME, 1, iTYPE, K, nDYNAFAC,
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	dDYNAFAC, dDYNAFAC_UDL
-0.475, 0.25, NO, 0	1589, -0.179, 0.25, NO, 0	: bFATI, nLOADFAC, dLOADFAC,
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	dLOADFAC, dLOADFAC_UDL, si[3],
-0.475, 0.25, NO, 0	1591, -0.179, 0.25, NO, 0	sl_UDL[3], standard (Ak)
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	: NAME=NAME, 1, iTYPE, K, nDYNAFAC,
-0.475, 0.25, NO, 0	1593, -0.179, 0.25, NO, 0	dDYNAFAC, nLOADFAC, dLOADFAC,
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	: bTWOVEHI, b2NDREDUC,
-0.475, 0.25, NO, 0	1595, -0.179, 0.25, NO, 0	: TWOVEHI_FACT, b2NDREDUC,
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	: 2NDREDUC_FACT
-0.475, 0.25, NO, 0	1597, -0.179, 0.25, NO, 0	: standard (N14)
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	: NAME=NAME, 1, iTYPE, K, nDYNAFAC,
-0.475, 0.25, NO, 0	1599, -0.179, 0.25, NO, 0	dDYNAFAC, nLOADFAC, dLOADFAC,
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	: bTWOVEHI, b2NDREDUC,
-0.475, 0.25, NO, 0	1601, -0.179, 0.25, NO, 0	: TWOVEHI_FACT, b2NDREDUC,
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	: 2NDREDUC_FACT
-0.475, 0.25, NO, 0	1603, -0.179, 0.25, NO, 0	: standard (N11)
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	: NAME=NAME, 1, iTYPE, nDYNAFAC,
-0.475, 0.25, NO, 0	1605, -0.179, 0.25, NO, 0	dDYNAFAC, dEMPTYCAR
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	: bFATI, nLOADFAC, dLOADFAC,
-0.475, 0.25, NO, 0	1607, -0.179, 0.25, NO, 0	d, L, O, A, D, F, A, C,
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	: standard (SUBWAY TRAINS)
-0.475, 0.25, NO, 0	1609, -0.179, 0.25, NO, 0	: NAME=NAME, 1, iTYPE, VARIABLE,
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	nDYNAFAC, dDYNAFAC, dEMPTYCAR
-0.475, 0.25, NO, 0	1611, -0.179, 0.25, NO, 0	: bFATI, nLOADFAC, dLOADFAC,
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	nLOADFAC, dLOADFAC, dLOADFAC,
-0.475, 0.25, NO, 0	1613, -0.179, 0.25, NO, 0	: standard (TRAMCARS)
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	: NAME=NAME, 1, iTYPE, nDYNAFAC,
-0.475, 0.25, NO, 0	1615, -0.179, 0.25, NO, 0	dDYNAFAC, bFATI, nLOADFAC, dLOADFAC
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	: standard (NK-80)
-0.475, 0.25, NO, 0	1617, -0.179, 0.25, NO, 0	: NAME=NAME, 1, iTYPE, W, D,
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	nDYNAFAC, dDYNAFAC, bFATI,
-0.475, 0.25, NO, 0	1619, -0.179, 0.25, NO, 0	nLOADFAC, dLOADFAC
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	: standard (NG-60)
-0.475, 0.25, NO, 0	1621, -0.179, 0.25, NO, 0	: NAME=NAME, 1, iTYPE, BRIDGETYPE, W,
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	bFATI, nLOADFAC, dLOADFAC
-0.475, 0.25, NO, 0	1623, -0.179, 0.25, NO, 0	: standard (UNIFORM LOAD)
-0.475, 0.25, NO, 0	-0.179, 0.25, NO, 0	: NAME=NAME, 1, iTYPE, BRIDGETYPE, W,
-0.475, 0.25, NO, 0	1625, -0.179, 0.25, NO, 0	bFATI, nLOADFAC, dLOADFAC

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; standard (UNIFORM LOAD(W/O
OTHER LOADS))
; NAME=NAME, 1, iTYPE, BRIDGETYPE, P
;
; standard (CONCENTRATED LOAD
(W/O OTHER LOADS))
; NAME=NAME, 2, iTYPE, W, nDYNAFAC,
dDYNAFAC, dDYNAFAC_UDL
;
; bFAT1, nLOADFAC,
dLOADFAC, dLOADFAC_UDL, s1[3],
s1_UDL[3] ; user (Type 1)
; NAME=NAME, 2, iTYPE, nDYNAFAC,
dDYNAFAC, dEMPTYCAR
;
; bFAT1, nLOADFAC,
d L O A D F A C
; user (Type 2)
; NAME=NAME, 2, iTYPE, Variable,
nDYNAFAC, dDYNAFAC, dEMPTYCAR
;
; bFAT1, nLOADFAC,
nLOADFAC, dLOADFAC,
; user (Type 3)
; NAME=NAME, 2, iTYPE, nDYNAFAC,
dDYNAFAC, nLOADFAC, dLOADFAC
;
; bTWOVEHI,
TWOVEHI_FACT, b2NDREDUC,
2NDREDUC_FACT ; user (Type
4)
; NAME=NAME, 2, iTYPE, nDYNAFAC,
dDYNAFAC, nLOADFAC, dLOADFAC
;
; bTWOVEHI,
TWOVEHI_FACT, b2NDREDUC,
2NDREDUC_FACT ; user (Type
5)
; NAME=NAME, 2, iTYPE, W, D,
nDYNAFAC, dDYNAFAC, bFAT1,
nLOADFAC, dLOADFAC ; user
(Type 6)
; NAME=NAME, 2, iTYPE, P, W, bFAT1,
nLOADFAC, dLOADFAC
; user (Type 7)
; if Moving Load Code is KSCE-LS15
; NAME=NAME, 1, TYPE=NAME,
nLANETYPE, dDYNAFAC, CODE,
nLANELOAD, L, CONVERTDIST ;
standard
; NAME=NAME, 2, 8, L1, W1, W2, EXP,
dDYNAFAC, nLANELOAD, L, CONVERTDIST
; user: line 1 (Type 1)
; NAME=NAME, 2, 1, W1, W2, D1, D2, 0, 0,
0, NO
; user: line 1 (Type 2)
; NAME=NAME, 2, 6, LOADNUM, DIST, W,
L, 0, 0, 0, NO
; user: line 1 (Type 3)
; LOAD1, DIST1, (DIST2_1), LOAD2,
DIST2, (DIST2_2), ...
; user: from line 2
; if Moving Load Code is South Africa
; NAME=NAME, 1, TYPE=NAME, CODE,
bINCREL, dINCREL
; standard NA
; NAME=NAME, 1, TYPE=NAME, CODE,
U N I T N U M
; standard NB
; NAME=NAME, 1, TYPE=NAME, CODE,
O P S I T E
; standard NC
; NAME=NAME, 2, TYPE, W1, L, W2, W3,
PA, bINCREL, dINCREL
; user NA
; NAME=NAME, 2, TYPE, PB, UNITNUM,
DELTA, D1, D2
; user NB
; NAME=NAME, 2, TYPE, P, OPPOSITE,
NUM1, NUM2, NUM3, (DIST1), (DIST2),
(DIST3) ; user NC
; if Load Type is Permit Truck
; NAME=NAME, 3, AXLE-TYPE-NUM,
I M P F A C T O R
; user (Permit Truck)
; AXLE-TYPE=NAME1, bEDWL1, bSV1,
P1, D1, P2, D2, ..., Pn, Dn
; user (from line 2)
;
; AXLE-TYPE=NAME, bEDWLn, bSVn,
P1, D1, P2, D2, ..., Pn, Dn
;
; AXLE-TYPE1, SPACING1, bVS1,
AXLE-TYPE2, SPACING2, bVS2, ...
; line 2+AXLE-TYPE-NUM
; if Moving Load Code is not one of those
specified above
; NAME=NAME, 1, TYPE=NAME, DLA, CODE
;
; standard
; NAME=NAME, 2, bTRAIN, W(W1), PL(D1),
PLM(W2), PLV(D2), NDIST
; user: line 1
; LOAD1, DIST1, LOAD2, DIST2, ...
;
; user: from line 2
; NAME=DB-24, 1, DB-24, 0, KS-RB
; NAME=DL-24, 1, DL-24, 0, KS-RB
; *MVLDCASE ; Moving Load Cases
; NAME=NAME, nLCTYPE, SCALE1,
SCALE2, SCALE3, SCALE4, SCALE5,
SCALE6, COMB, DESC, LCOM, SERIAL ;
1st line
; nLTYPE, 2LFACTOR1, 2LFACTOR2,
3LFACTOR1, 3LFACTOR2, 3LFACTOR3,
3LFACTOR4 ; 2st line
; TYPE1, VCLASS1, SCALE1, iMIN1,
iMAX1, LANE11, LANE12, ...
; 3rd line
;

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; TYPEEn, VCLASSn, SCALEn, iMINn,
iMAXn, LANE1, LANE2, ...
; n+1th line
; NAME=NAME, nLCTYPE, VEHICLE,
REFLANE, ECCEN, SCALE, DESC
; Permit
; NAME=NAME, nLCTYPE, DESC, bOPTIM,
SUBLANEW, MINSPACING, MARGIN, LANE,
MINNUM, MAXNUM, SERIAL ; Traffic
Lane Optimization
; TYPE1, VCLASS1, SCALE1...
; Traffic Lane Optimization 1st
line
;
; Traffic Lane Optimization...
; TYPEEn, VCLASSn, SCALEn...
; Traffic Lane Optimization
n+1th line
; NAME=활하중, 0, 1, 1, 0.9, 0.75, 0.75,
0.75, INDEPENDENT, 0, 1
; 1, 1, 1, 1, 1, 0.5, 0.25
; VL, DB-24, 1, 1, 2, L1, L2
; VL, DL-24, 1, 1, 2, L1, L2
; *LOADCOMB ; Combinations
; NAME=NAME, KIND, ACTIVE, bES, iTYPE,
DESC, iSERV-TYPE, nLCOMTYPE ; line 1
; ANAL1, LCNAME1, FACT1, ...
; from line 2
; NAME=자중, GEN, ACTIVE, 0, 0, 0, 0
; ST, 자중, 1, ST, 현치하중, 1, 0, 0
; NAME=고정하중, GEN, ACTIVE, 0, 0, 0, 0
; 0
; CB, 자중, 1, ST, 방호벽하중, 1, ST,
포장하중, 1
; *LC-COLOR ; Diagram Color for Load
Case
; ANAL, LCNAME, iR1(ALL), iG1(ALL),
iB1(ALL), iR2(MIN), iG2(MIN), iB2(MIN),
iR3(MAX), iG2(MAX), iB2(MAX)
; ST, 자중, 163, 255, 160, 192, 128, 0, 255,
160, 255
; MV, 활하중, 160, 255, 255, 78, 0, 255, 0,
192, 192
; ST, 방호벽하중, 255, 87, 87, 0, 128, 192,
255, 0, 128
; ST, 포장하중, 255, 0, 192, 85, 0, 192, 163,
160, 255
; ST, 현치하중, 255, 0, 128, 192, 128, 0, 192,
192, 0
; CB, 자중, 163, 160, 255, 255, 255, 87, 0,
128, 255
; CB, 고정하중, 192, 72, 0, 78, 0, 255, 192,
192, 192
; *EIGEN-CTRL ; Eigenvalue Analysis
Control
; TYPE, iFREQ, iITER, iDIM, TOL,
bMINMAX, FRMIN, FRMAX, bSTRUM ;
TYPE=EIGEN
; TYPE, bINCNL, iGNUM
; TYPE=RITZ(line 1)
; KIND1, CASE1/GROUND1, iNOG1, ...
; TYPE=RITZ(from
line2)
; LANCZOS, 10, 20, 1, 1e-010, NO, 0, 0,
NO
; *DGN-MATL ; Modify Steel(Concrete)
Material
; iMAT, TYPE, MNAME, [DATA1]
; iMAT, TYPE, MNAME, [DATA2],
[R-DATA], FCI, bSERV, SHORT, LONG ;
CONC
; iMAT, TYPE, MNAME, [DATA3], [DATA2],
[R-DATA] ; SRC
; iMAT, TYPE, MNAME, [DATA5]
; iMAT, TYPE, MNAME, [DATA5] &
STEEL(None) &
KSCE-ASD05
; [DATA1] : 1, DB, CODE, NAME or 2,
ELAST, POISN, FU, FY1, FY2, FY3, FY4,
FY5, FY6, AFT, AFT2, AFT3,
FY, AFV, AFV2, AFV3
; [DATA2] : 1, DB, CODE, NAME or 2, FC,
CHK, LAMBDA
; [DATA3] : 1, DB, CODE, NAME or 2,
ELAST, FU, FY1, FY2, FY3, FY4,
FY5, FY6, AFT, AFT2, AFT3,
FY, AFV, AFV2, AFV3
; [DATA4] : 1, DB, CODE, NAME or 2, FC,
; [DATA5] : 3, ELAST, POISN, AL1, AL2,
AL3, AL4, AL5, AL6, AL7, AL8, AL9, AL10
; MIN1, MIN2, MIN3
; [R-DATA] : RBCODE, RBMAIN, RBSUB,
FY(R), FYS
; 1, CONC, C27
; KS01-Civil(RC), C27
; NO, 1, 0, 0, 0, 18900, NO, 0, 0,
0, 0, 0, 0, NO, 1, ...
; 0, 0, 0
; *ENDDATA

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