

*UNIT : Unit System
: FORCE, LENGTH, HEAT, TEMPER
N 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
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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
37, 15.656, 1.607, 0
38, 11.99, 1.607, 0
39, 7.285, 1.671, 0
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53, 1.313, 2.168, 0
54, 19.321, 2.179, 0
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62, 4.254, 2.398, 0
63, 17.759, 2.428, 0
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66, 21.253, 2.51, 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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95, 4.178, 3.394, 0
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616. 44 911. 12.668. 0
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620. 41 752. 12.776. 0
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454.	115.	449.	1.	0	1.	408.	177.	434.	1.	0	1.	1393.	240.	103.	1.	0	6.	1483.	1484.
411.	116.	408.	1.	0	1.	1389.	178.	1393.	1.	0	3.	369.	241.	1398.	1.	0	7.	393.	403.
1390.	117.	1389.	1.	0	3.	347.	179.	47.	1.	0	1.	30.	242.	1484.	1.	0	1.	63.	67.
352.	118.	347.	1.	0	3.	1236.	180.	369.	1.	0	3.	1240.	243.	403.	1.	0	7.	1244.	1245.
1237.	119.	1236.	1.	0	3.	292.	181.	30.	1.	0	1.	16.	244.	67.	1.	0	1.	43.	46.
298.	120.	292.	1.	0	3.	241.	182.	310.	1.	0	3.	310.	245.	1245.	1.	0	7.	338.	344.
246.	121.	241.	1.	0	3.	189.	183.	260.	1.	0	3.	260.	246.	46.	1.	0	1.	29.	32.
193.	122.	189.	1.	0	3.	148.	184.	260.	1.	0	3.	207.	247.	344.	1.	0	7.	282.	291.
153.	123.	148.	1.	0	3.	106.	185.	207.	1.	0	3.	165.	248.	291.	1.	0	7.	229.	23
110.	124.	106.	1.	0	3.	1302.	186.	165.	1.	0	3.	121.	249.	237.	1.	0	7.	187.	192.
1303.	125.	1302.	1.	0	3.	70.	187.	148.	1.	0	1.	1147.	250.	558.	1.	0	1.	517.	525.
74.	126.	70.	1.	0	3.	1476.	188.	121.	1.	0	3.	1306.	251.	192.	1.	0	7.	141.	146.
1477.	127.	1476.	1.	0	1.	38.	189.	1147.	1.	0	1.	1146.	252.	525.	1.	0	1.	474.	483.
41.	128.	38.	1.	0	1.	20.	190.	1306.	1.	0	3.	83.	253.	146.	1.	0	7.	1310.	1311.
23.	129.	20.	1.	0	1.	9.	191.	1146.	1.	0	1.	1394.	254.	483.	1.	0	1.	1398.	1399.
499.	130.	493.	1.	0	1.	454.	192.	63.	1.	0	3.	1480.	255.	1310.	1.	0	7.	103.	107.
461.	131.	454.	1.	0	1.	411.	193.	1394.	1.	0	4.	1145.	256.	1398.	1.	0	8.	403.	409.
420.	132.	411.	1.	0	1.	1390.	194.	1480.	1.	0	1.	50.	257.	107.	1.	0	7.	1484.	1485.
1391.	133.	1390.	1.	0	3.	352.	195.	1145.	1.	0	4.	1241.	258.	409.	1.	0	8.	1245.	1246.
357.	134.	352.	1.	0	3.	1237.	196.	50.	1.	0	1.	34.	259.	1485.	1.	0	1.	67.	71.
1238.	135.	1237.	1.	0	3.	298.	197.	1241.	1.	0	4.	1144.	260.	1246.	1.	0	8.	344.	351.
301.	136.	298.	1.	0	3.	246.	198.	34.	1.	0	1.	19.	261.	71.	1.	0	1.	46.	49.
257.	137.	246.	1.	0	3.	193.	199.	1144.	1.	0	4.	1143.	262.	351.	1.	0	8.	291.	297.
197.	138.	193.	1.	0	3.	153.	200.	1143.	1.	0	4.	1142.	263.	49.	1.	0	1.	32.	36.
156.	139.	153.	1.	0	3.	110.	201.	1142.	1.	0	4.	1141.	264.	297.	1.	0	8.	237.	242.
114.	140.	110.	1.	0	3.	1303.	202.	1141.	1.	0	4.	1140.	265.	564.	1.	0	1.	525.	529.
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77.	142.	74.	1.	0	3.	1477.	204.	536.	1.	0	1.	492.	267.	529.	1.	0	1.	483.	490.
1478.	143.	1477.	1.	0	1.	41.	205.	1307.	1.	0	4.	1139.	268.	490.	1.	0	1.	1399.	1400.
44.	144.	41.	1.	0	1.	23.	206.	492.	1.	0	1.	446.	269.	198.	1.	0	8.	146.	150.
27.	145.	23.	1.	0	1.	12.	207.	1139.	1.	0	4.	1481.	270.	1400.	1.	0	9.	409.	415.
507.	146.	499.	1.	0	1.	461.	208.	1481.	1.	0	1.	1138.	271.	150.	1.	0	8.	1311.	1312.
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1392.	149.	1391.	1.	0	3.	357.	211.	1138.	1.	0	1.	1137.	274.	1247.	1.	0	8.	351.	356.
361.	150.	357.	1.	0	3.	1238.	212.	378.	1.	0	5.	1242.	275.	111.	1.	0	8.	1485.	1486.
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308.	152.	301.	1.	0	3.	251.	214.	1243.	1.	0	5.	324.	277.	1486.	1.	0	1.	71.	76.
255.	153.	251.	1.	0	3.	197.	215.	330.	1.	0	5.	272.	278.	568.	1.	0	1.	529.	538.
201.	154.	197.	1.	0	3.	156.	216.	278.	1.	0	5.	216.	279.	76.	1.	0	1.	49.	53.
161.	155.	156.	1.	0	3.	114.	217.	222.	1.	0	5.	176.	280.	302.	1.	0	9.	242.	248.
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1479.	159.	1478.	1.	0	1.	44.	221.	1309.	1.	0	5.	93.	284.	248.	1.	0	9.	198.	202.
47.	160.	44.	1.	0	1.	27.	222.	510.	1.	0	1.	456.	285.	1401.	1.	0	10.	415.	422.
513.	161.	507.	1.	0	1.	470.	223.	98.	1.	0	5.	1482.	286.	422.	1.	0	10.	1247.	1248.
30.	162.	27.	1.	0	1.	14.	224.	467.	1.	0	1.	1396.	287.	202.	1.	0	9.	150.	155.
479.	163.	470.	1.	0	1.	427.	225.	1483.	1.	0	1.	58.	288.	1248.	1.	0	10.	356.	360.
434.	164.	427.	1.	0	1.	1392.	226.	1397.	1.	0	6.	387.	289.	155.	1.	0	9.	1312.	1313.
1393.	165.	1392.	1.	0	3.	361.	227.	63.	1.	0	1.	40.	290.	360.	1.	0	10.	302.	307.
369.	166.	361.	1.	0	3.	1239.	228.	393.	1.	0	6.	1243.	291.	1313.	1.	0	9.	111.	115.
1240.	167.	1239.	1.	0	3.	308.	229.	43.	1.	0	1.	25.	292.	115.	1.	0	9.	1486.	1487.
310.	168.	308.	1.	0	3.	255.	230.	1244.	1.	0	6.	330.	293.	307.	1.	0	10.	248.	250.
260.	169.	255.	1.	0	3.	201.	231.	338.	1.	0	6.	278.	294.	1487.	1.	0	1.	76.	78.
207.	170.	201.	1.	0	3.	161.	232.	282.	1.	0	6.	222.	295.	577.	1.	0	1.	538.	545.
165.	171.	161.	1.	0	3.	118.	233.	229.	1.	0	6.	181.	296.	545.	1.	0	1.	494.	506.
121.	172.	118.	1.	0	3.	1305.	234.	187.	1.	0	6.	137.	297.	78.	1.	0	1.	53.	59.
1148.	173.	513.	1.	0	1.	479.	235.	550.	1.	0	1.	510.	298.	250.	1.	0	10.	202.	205.
1306.	174.	1305.	1.	0	3.	82.	236.	141.	1.	0	6.	1309.	299.	59.	1.	0	1.	39.	42.
			</																

494	1	0			581	573	1	0			312	304	1	0			
301	PLATE	1	1	0	11	422	430			364	PLATE	1	1	0	2	175	182
1402	1401	1	1	0	10	155	157			232	227	1	1	0	1	1405	1406
302	PLATE	1	1	0	10	155	157			365	PLATE	1	1	0	2	1317	1318
205	202	1	1	0	11	1248	1249			541	531	1	1	0	2	459	472
303	PLATE	1	1	0	10	1313	1314			366	PLATE	1	1	0	2	133	140
430	422	1	1	0	11	360	368			182	175	1	1	0	2	1252	1253
304	PLATE	1	1	0	10	1313	1314			367	PLATE	1	1	0	2	1491	1492
157	155	1	1	0	11	360	368			1406	1405	1	1	0	2	391	401
305	PLATE	1	1	0	11	360	368			368	PLATE	1	1	0	2	96	102
1249	1248	1	1	0	10	115	117			1318	1317	1	1	0	2	335	343
306	PLATE	1	1	0	10	115	117			369	PLATE	1	1	0	1	73	79
1314	1313	1	1	0	11	307	311			472	459	1	1	0	1	57	64
307	PLATE	1	1	0	11	307	311			370	PLATE	1	1	0	2	280	289
368	360	1	1	0	10	1487	1488			140	133	1	1	0	1	581	591
308	PLATE	1	1	0	10	1487	1488			371	PLATE	1	1	0	2	232	239
117	115	1	1	0	1	78	81			1253	1252	1	1	0	1	541	553
309	PLATE	1	1	0	1	78	81			372	PLATE	1	1	0	2	182	191
1488	1487	1	1	0	11	250	257			1492	1491	1	1	0	2	1406	1407
310	PLATE	1	1	0	11	250	257			373	PLATE	1	1	0	2	1318	1319
311	PLATE	1	1	0	1	59	61			401	391	1	1	0	2	472	485
8	78	1	1	0	1	42	45			374	PLATE	1	1	0	2	140	147
312	PLATE	1	1	0	1	42	45			102	96	1	1	0	2	1253	1254
6	59	1	1	0	11	205	211			375	PLATE	1	1	0	2	1492	1493
313	PLATE	1	1	0	11	205	211			7	73	1	1	0	2	401	410
257	250	1	1	0	1	545	555			376	PLATE	1	1	0	1	102	108
314	PLATE	1	1	0	1	545	555			377	PLATE	1	1	0	2	343	354
586	577	1	1	0	11	157	163			619	610	1	1	0	1	79	84
315	PLATE	1	1	0	11	157	163			378	PLATE	1	1	0	1	64	69
21	205	1	1	0	1	506	514			289	280	1	1	0	2	289	296
316	PLATE	1	1	0	1	506	514			379	PLATE	1	1	0	1	591	601
555	545	1	1	0	11	1314	1315			59	581	1	1	0	2	239	249
317	PLATE	1	1	0	11	1314	1315			380	PLATE	1	1	0	1	553	563
163	157	1	1	0	1	1402	1403			239	232	1	1	0	2	191	199
514	506	1	1	0	1	1402	1403			381	PLATE	1	1	0	1	1407	1408
318	PLATE	1	1	0	1	1402	1403			553	541	1	1	0	2	485	496
1315	1314	1	1	0	11	117	123			382	PLATE	1	1	0	2	1319	1320
320	PLATE	1	1	0	12	430	440			19	182	1	1	0	2	410	424
1403	1402	1	1	0	11	1488	1489			383	PLATE	1	1	0	2	1493	1494
321	PLATE	1	1	0	11	1488	1489			1407	1406	1	1	0	2	140	147
123	117	1	1	0	12	1249	1250			384	PLATE	1	1	0	2	1253	1254
322	PLATE	1	1	0	12	1249	1250			1319	1318	1	1	0	2	1492	1493
440	430	1	1	0	1	81	85			385	PLATE	1	1	0	2	401	410
323	PLATE	1	1	0	1	81	85			485	472	1	1	0	1	102	108
1489	1488	1	1	0	12	368	374			386	PLATE	1	1	0	2	343	354
1250	1249	1	1	0	1	61	66			147	140	1	1	0	2	79	84
85	81	1	1	0	12	311	321			1254	1253	1	1	0	2	401	410
326	PLATE	1	1	0	12	311	321			388	PLATE	1	1	0	1	102	108
374	368	1	1	0	1	45	48			1493	1492	1	1	0	2	343	354
66	61	1	1	0	1	45	48			410	401	1	1	0	1	79	84
328	PLATE	1	1	0	1	555	560			108	102	1	1	0	1	64	69
592	586	1	1	0	12	257	263			391	PLATE	1	1	0	2	289	296
329	PLATE	1	1	0	12	257	263			84	79	1	1	0	2	591	601
321	311	1	1	0	1	514	522			392	PLATE	1	1	0	1	591	601
330	PLATE	1	1	0	1	514	522			354	343	1	1	0	2	239	249
560	555	1	1	0	12	211	219			393	PLATE	1	1	0	1	553	563
263	257	1	1	0	1	1403	1404			630	619	1	1	0	2	191	199
332	PLATE	1	1	0	1	1403	1404			394	PLATE	1	1	0	2	1407	1408
522	514	1	1	0	2	440	448			296	289	1	1	0	2	485	496
333	PLATE	1	1	0	2	440	448			395	PLATE	1	1	0	2	1319	1320
1404	1403	1	1	0	2	163	171			601	591	1	1	0	2	1254	1255
219	211	1	1	0	2	1250	1251			396	PLATE	1	1	0	2	147	154
335	PLATE	1	1	0	2	1250	1251			249	239	1	1	0	2	410	424
448	440	1	1	0	12	1315	1316			397	PLATE	1	1	0	1	563	576
336	PLATE	1	1	0	12	1315	1316			563	553	1	1	0	1	563	576
171	163	1	1	0	2	374	383			398	PLATE	1	1	0	1	84	91
337	PLATE	1	1	0	2	374	383			1408	1407	1	1	0	2	296	304
1251	1250	1	1	0	12	123	129			399	PLATE	1	1	0	1	69	75
338	PLATE	1	1	0	12	123	129			199	191	1	1	0	1	601	612
1316	1315	1	1	0	2	321	327			400	PLATE	1	1	0	2	249	256
339	PLATE	1	1	0	2	321	327			496	485	1	1	0	2	1493	1494
383	374	1	1	0	12	1489	1490			401	PLATE	1	1	0	2	140	147
340	PLATE	1	1	0	12	1489	1490			1320	1319	1	1	0	2	1253	1254
129	123	1	1	0	1	85	92			402	PLATE	1	1	0	2	410	424
341	PLATE	1	1	0	1	85	92			1255	1254	1	1	0	2	1493	1494
1490	1489	1	1	0	2	263	268			403	PLATE	1	1	0	1	563	576
327	321	1	1	0	1	560	573			154	147	1	1	0	1	563	576
343	PLATE	1	1	0	1	66	72			404	PLATE	1	1	0	1	84	91
602	592	1	1	0	1	66	72			405	PLATE	1	1	0	2	354	362
344	PLATE	1	1	0	1	66	72			424	410	1	1	0	1	84	91
92	85	1	1	0	1	522	531			113	108	1	1	0	2	296	304
345	PLATE	1	1	0	1	522	531			407	PLATE	1	1	0	1	69	75
573	560	1	1	0	1	48	52			362	354	1	1	0	1	69	75
346	PLATE	1	1	0	1	48	52			408	PLATE	1	1	0	1	601	612
72	66	1	1	0	2	219	227			91	84	1	1	0	2	249	256
347	PLATE	1	1	0	2	219	227			638	630	1	1	0	2	1493	1494
268	263	1	1	0	1	1404	1405			410	PLATE	1	1	0	2	140	147
348	PLATE	1	1	0	1	1404	1405			304	296	1	1	0	1	563	576
531	522	1	1	0	2	448	459			411	PLATE	1	1	0	1	563	576
349	PLATE	1	1	0	2	448	459			612	601	1	1	0	1	1408	1409
1405	1404	1	1	0	2	171	175			412	PLATE	1	1	0	2	199	206
227	219	1	1	0	2	1251	1252			576	563	1	1	0	2	496	509
351	PLATE	1	1	0	2	1251	1252			413	PLATE	1	1	0	2	1320	1321
459	448	1	1	0	2	1316	1317			256	249	1	1	0	2	1255	1256
352	PLATE	1	1	0	2	1316	1317			1409	1408	1	1	0	2	154	160
175	171	1	1	0	2	383	391			414	PLATE	1	1	0	2	424	438
353	PLATE	1	1	0	2	383	391			206	199	1	1	0	2	1494	1495
1252	1251	1	1	0	2	129	133			415	PLATE	1	1	0	2	362	372
354	PLATE	1	1	0	2	129	133			416	PLATE	1	1	0	2	113	120
1317	1316	1	1	0	2	327	335			509	496	1	1	0	2		

490	651	1	0			188	178	1	0			1180	1179	1	0				
124	119	1	0	1	101	553	392	1	0	2	340	350	616	1188	1	0	9	1268	1269
491	346	1	0	2	294	406	695	1	0	1	664	1189	670	1188	1	0	11	1162	1163
358	618	1	0	1	1413	1192	152	1	0	1	131	139	617	1332	1	0	1	752	1204
492	1413	1	0	2	559	555	664	1	0	1	1417	1418	618	780	1	0	9	1184	617
633	294	1	0	2	244	556	340	1	0	2	283	295	619	1268	1	0	11	1506	1507
493	559	1	0	2	1260	557	1417	1	0	2	607	1185	620	1162	1	0	10	1171	1172
1414	559	1	0	2	1325	558	283	1	0	2	1329	1330	621	1175	1	0	1	722	1206
494	244	1	0	2	491	559	607	1	0	2	1264	1265	622	1184	1	0	9	1180	556
495	559	1	0	2	195	560	1329	1	0	2	236	247	617	1184	1	0	1	1158	1159
572	244	1	0	2	419	561	1329	1	0	2	548	1181	624	1506	1	0	1	1422	1423
496	559	1	0	2	1499	562	1265	1	0	2	1503	1504	625	1506	1	0	1	1154	1155
252	195	1	0	1	151	563	236	1	0	2	481	1177	626	1158	1	0	10	1167	1168
497	1499	1	0	1	663	564	548	1	0	1	188	196	627	1171	1	0	9	1176	489
1261	689	1	0	2	358	565	1503	1	0	1	159	169	628	1180	1	0	9	670	681
498	419	1	0	1	633	566	188	1	0	2	406	1173	629	1422	1	0	1	1150	1151
673	663	1	0	1	124	567	481	1	0	1	139	149	630	1154	1	0	10	1333	1334
158	151	1	0	1	109	568	159	1	0	1	1192	1194	631	1167	1	0	9	1269	1270
506	124	1	0	2	306	569	1195	1	0	1	1189	1190	632	1170	1	0	1	1204	773
367	358	1	0	1	1414	570	1192	1	0	2	350	1169	681	1205	1	0	10	1163	1164
508	633	1	0	2	572	571	406	1	0	1	1418	1419	633	1205	1	0	9	617	626
641	1414	1	0	2	252	572	1189	1	0	2	295	1165	634	1333	1	0	9	1172	418
510	306	1	0	2	1261	573	350	1	0	12	1185	1186	635	1269	1	0	1	1206	740
315	572	1	0	2	505	574	1418	1	0	12	1265	1266	636	1204	1	0	10	1507	1508
582	572	1	0	2	1326	575	1185	1	0	2	1330	1331	637	1163	1	0	9	556	569
1262	1251	1	0	2	203	576	295	1	0	12	1181	1202	638	1170	1	0	1	1423	1424
261	252	1	0	2	432	577	1265	1	0	2	247	1161	639	1206	1	0	1	1159	1160
1327	1326	1	0	2	1500	578													

235.	225.	1.	0			1341.	1340.	1.	0			911.	898.	1.	0										
679.	PLATE	1.	1.	10.	314.	322.	742.	PLATE	1.	1.	0	2.	587.	605.			805.	PLATE	1.	1.	0	2.	445.	1655.	
1337.	1336.	1.	1.	0	12.	702.	715.	658.	643.	1.	0	2.	1514.	1515.			1654.	1344.	1.	1.	0	2.	652.	668.	
680.	PLATE	1.	1.	0	10.	1510.	1511.	743.	PLATE	1.	1.	0	1.	1429.	1430.			806.	PLATE	1.	1.	0	1.	1433.	1434.
1426.	1425.	1.	1.	0	11.	443.	464.	389.	371.	1.	0	1.	316.	333.			719.	703.	1.	1.	0	2.	1518.	1656.	
681.	PLATE	1.	1.	0	12.	1272.	1273.	744.	PLATE	1.	1.	0	2.	758.	775.			807.	PLATE	1.	1.	0	2.	820.	833.
322.	314.	1.	1.	0	1.	262.	271.	825.	811.	1.	0	2.	524.	543.			883.	870.	1.	1.	0	1.	381.	1657.	
682.	PLATE	1.	1.	0	12.	649.	666.	1515.	1514.	1.	0	2.	1276.	1277.			808.	PLATE	1.	1.	0	2.	599.	616.	
530.	512.	1.	1.	0	11.	376.	395.	1430.	1429.	1.	0	1.	287.	300.			1655.	445.	1.	1.	0	2.	1280.	1281.	
683.	PLATE	1.	1.	0	1.	322.	341.	746.	PLATE	1.	1.	0	2.	708.	725.			809.	PLATE	1.	1.	0	1.	348.	1658.
715.	702.	1.	1.	0	12.	593.	611.	747.	PLATE	1.	1.	0	2.	258.	276.			1434.	1433.	1.	1.	0	2.	772.	784.
684.	PLATE	1.	1.	0	1.	800.	812.	605.	587.	1.	0	2.	453.	475.			810.	PLATE	1.	1.	0	1.	911.	922.	
1511.	1510.	1.	1.	0	11.	1337.	1338.	748.	PLATE	1.	1.	0	1.	857.	871.			1656.	1518.	1.	1.	0	2.	1345.	1346.
685.	PLATE	1.	1.	0	1.	769.	782.	775.	758.	1.	0	2.	1341.	1342.			668.	652.	1.	1.	0	2.	883.	895.	
1273.	1272.	1.	1.	0	11.	322.	341.	749.	PLATE	1.	1.	0	1.	825.	840.			812.	PLATE	1.	1.	0	2.	469.	488.
686.	PLATE	1.	1.	0	1.	217.	230.	333.	316.	1.	0	2.	725.	739.			833.	820.	1.	1.	0	1.	363.	379.	
464.	443.	1.	1.	0	12.	395.	412.	750.	PLATE	1.	1.	0	1.	300.	313.			813.	PLATE	1.	1.	0	2.	784.	798.
687.	PLATE	1.	1.	0	1.	666.	679.	1277.	1276.	1.	0	2.	475.	495.			1657.	381.	1.	1.	0	2.	554.	574.	
688.	PLATE	1.	1.	0	12.	611.	625.	751.	PLATE	1.	1.	0	1.	276.	290.			814.	PLATE	1.	1.	0	2.	337.	353.
666.	649.	1.	1.	0	1.	812.	826.	300.	287.	1.	0	2.	674.	690.			1281.	1280.	1.	1.	0	1.	922.	932.	
689.	PLATE	1.	1.	0	1.	271.	286.	752.	PLATE	1.	1.	0	1.	871.	1643.			815.	PLATE	1.	1.	0	2.	733.	748.
837.	823.	1.	1.	0	2.	715.	728.	543.	524.	1.	0	2.	1430.	1431.			1658.	348.	1.	1.	0	2.	1346.	1347.	
690.	PLATE	1.	1.	0	12.	464.	484.	753.	PLATE	1.	1.	0	1.	333.	349.			816.	PLATE	1.	1.	0	2.	895.	909.
243.	235.	1.	1.	0	1.	243.	254.	725.	708.	1.	0	2.	543.	562.			616.	599.	1.	1.	0	1.	399.	416.	
691.	PLATE	1.	1.	0	2.	1273.	1274.	754.	PLATE	1.	1.	0	2.	1277.	1278.			817.	PLATE	1.	1.	0	2.	616.	631.
395.	376.	1.	1.	0	1.	217.	230.	892.	880.	1.	0	1.	300.	313.			941.	929.	1.	1.	0	2.	1281.	1282.	
692.	PLATE	1.	1.	0	12.	395.	412.	755.	PLATE	1.	1.	0	2.	725.	739.			818.	PLATE	1.	1.	0	2.	363.	379.
812.	800.	1.	1.	0	1.	666.	679.	475.	453.	1.	0	1.	276.	290.			784.	772.	1.	1.	0	2.	554.	574.	
693.	PLATE	1.	1.	0	1.	271.	286.	756.	PLATE	1.	1.	0	2.	475.	495.			819.	PLATE	1.	1.	0	2.	337.	353.
1338.	1337.	1.	1.	0	12.	395.	412.	871.	857.	1.	0	1.	300.	313.			554.	537.	1.	1.	0	2.	784.	798.	
694.	PLATE	1.	1.	0	1.	666.	679.	757.	PLATE	1.	1.	0	2.	475.	495.			820.	PLATE	1.	1.	0	2.	363.	379.
611.	593.	1.	1.	0	1.	271.	286.	1342.	1341.	1.	0	2.	605.	620.			922.	911.	1.	1.	0	2.	469.	488.	
695.	PLATE	1.	1.	0	1.	1426.	1427.	758.	PLATE	1.	1.	0	2.	1515.	1516.			821.	PLATE	1.	1.	0	2.	668.	683.
341.	322.	1.	1.	0	1.	243.	254.	674.	658.	1.	0	2.	1430.	1431.			1346.	1345.	1.	1.	0	2.	1434.	1435.	
696.	PLATE	1.	1.	0	2.	715.	728.	759.	PLATE	1.	1.	0	1.	333.	349.			822.	PLATE	1.	1.	0	2.	1519.	1520.
782.	769.	1.	1.	0	1.	217.	230.	405.	389.	1.	0	1.	300.	313.			733.	719.	1.	1.	0	2.	833.	847.	
697.	PLATE	1.	1.	0	12.	395.	412.	760.	PLATE	1.	1.	0	2.	543.	562.			823.	PLATE	1.	1.	0	2.	399.	416.
1512.	1511.	1.	1.	0	1.	243.	254.	840.	825.	1.	0	2.	1277.	1278.			895.	883.	1.	1.	0	2.	616.	631.	
698.	PLATE	1.	1.	0	12.	464.	484.	761.	PLATE	1.	1.	0	1.	333.	349.			824.	PLATE	1.	1.	0	2.	833.	847.
1427.	1426.	1.	1.	0	1.	217.	230.	1516.	1515.	1.	0	2.	543.	562.			488.	469.	1.	1.	0	2.	399.	416.	
699.	PLATE	1.	1.	0	1.	666.	679.	762.	PLATE	1.	1.	0	2.	1277.	1278.			825.	PLATE	1.	1.	0	2.	616.	631.
549.	530.	1.	1.	0	1.	243.	254.	1431.	1430.	1.	0	2.	605.	620.			1435.	1434.	1.	1.	0	2.	469.	488.	
700.	PLATE	1.	1.	0	1.	1426.	1427.	763.	PLATE	1.	1.	0	2.	1515.	1516.			826.	PLATE	1.	1.	0	2.	1434.	1435.
286.	271.	1.	1.	0	2.	715.	728.	620.	605.	1.	0	2.	543.	562.			1520.	1519.	1.	1.	0	2.	399.	416.	
701.	PLATE	1.	1.	0	1.	243.	254.	764.	PLATE	1.	1.	0	2.	1277.	1278.			827.	PLATE	1.	1.	0	2.	616.	631.
728.	715.	1.	1.	0	1.	217.	230.	789.	775.	1.	0	1.	300.	313.			683.	668.	1.	1.	0	2.	1281.	1282.	
702.	PLATE	1.	1.	0	12.	395.	412.	765.	PLATE	1.	1.	0	2.	725.	739.			828.	PLATE	1.	1.	0	2.	363.	379.
254.	243.	1.	1.	0	1.	271.	286.	349.	333.	1.	0	1.	276.	290.			847.	833.	1.	1.	0	2.	554.	574.	
703.	PLATE	1.	1.	0	1.	1426.	1427.	766.	PLATE	1.	1.	0	2.	475.	495.			829.	PLATE	1.	1.	0	2.	337.	353.
1274.	1273.	1.	1.	0	12.	395.	412.	1278.	1277.	1.	0	1.	300.	313.			416.	399.	1.	1.	0	2.	784.	798.	
704.	PLATE	1.	1.	0	1.	666.	679.	767.	PLATE	1.	1.	0	2.	475.	495.			830.	PLATE	1.	1.	0	2.	363.	379.
484.	464.	1.	1.	0	1.	271.	286.	313.	300.	1.	0	2.	674.	690.			1282.	1281.	1.	1.	0	2.	554.	574.	
705.	PLATE	1.	1.	0	2.	715.	728.	562.	543.	1.	0	2.	674.	690.			631.	616.	1.	1.	0	2.	337.	353.	
852.	837.	1.	1.	0	12.	464.	484.	769.	PLATE	1.	1.	0	1.	871.	1643.			832.	PLATE	1.	1.	0	2.	922.	932.
706.	PLATE	1.	1.	0	1.	243.	254.	739.	725.	1.	0	1.	300.	313.			379.	363.	1.	1.	0	2.	733.	748.	
679.	666.	1.	1.	0	12.	395.	412.	770.	PLATE	1.	1.	0	2.	1342.	1343.			833.	PLATE	1.	1.	0	2.	1346.	1347.
707.	PLATE	1.	1.	0	1.	666.	679.	1644.	892.	1.	0	2.	1342.	1343.			952.	941.	1.	1.	0	2.	895.	909.	
412.	395.	1.	1.	0	1.	271.	286.	771.	PLATE	1.	1.	0	1.	840.	1645.			834.	PLATE	1.	1.	0	2.	488.	508.
708.	PLATE	1.	1.	0	12.	395.	412.	495.	475.	1.	0	2.	405.	425.			798.	784.	1.	1.	0	2.	683.	697.	
826.	812.	1.	1.	0	1.	243.	254.	772.	PLATE	1.	1.	0	2.	620.	636.			835.	PLATE	1.	1.	0	2.	1435.	1436.
709.	PLATE	1.	1.	0	12.	464.	484.	1643.	871.	1.	0	2.	620.	636.			574.	554.	1.	1.	0	2.	399.	416.	
1339.	1338.	1.	1.	0	1.	243.	254.	773.	PLATE	1.	1.	0	2.	1516.	1517.			836.	PLATE	1.	1.	0	2.	616.	631.
710.	PLATE	1.	1.	0	1.	1426.	1427.	1343.	1342.	1.	0	2.	1431.	1646.			932.	922.	1.	1.	0	2.	469.	488.	
625.	611.	1.	1.	0	12.	395.	412.	774.	PLATE	1.	1.	0	2.	543.	562.			837.	PLATE	1.	1.	0	2.	1434.	1435.
711.	PLATE	1.	1.	0	1.	666.	679.	690.	674.	1.	0	2.	1516.	1517.			1347.	1346.	1.	1.	0	2.	683.	697.	
355.	341.	1.	1.	0	1.	243.	254.	775.	PLATE	1.	1.	0	1.	333.	349.			838.	PLATE	1.	1.	0	2.	1435.	1436.
712.	PLATE	1.	1.	0	1.	1426.	1427.	425.	405.	1.	0	1.	300.	313.			748.	733.	1.	1.	0	2.	399.	416.	
796.	782.	1.	1.	0	1.	271.	286.	776.	PLATE	1.	1.	0	2.	1342.	1343.			839.	PLATE	1.	1.	0	2.	1436.	1437.
713.	PLATE	1.	1.	0	12.	395.	412.	1645.	840.	1.	0	2.	1431.	1646.			909.	895.	1.	1.	0	2.	616.	631.	
1513.	1512.	1.	1.	0	1.	243.	254.	777.	PLATE																

606.	590.	1.	0			497.	477.	1.	0			1446.	1445.	1.	0									
868.	PLATE	1.	1.	0	1.	921.	931.	1.	1.	0	1.	962.	972.	1.	1.	0	9.	704.	714.					
955.	868.	PLATE	1.	1.	0	2.	527.	547.	995.	985.	1.	0	2.	1352.	1353.	765.	756.	1.	0	1.	589.	597.		
1349.	869.	PLATE	1.	1.	0	2.	712.	1634.	667.	932.	1.	1.	0	12.	768.	783.	995.	958.	1.	1.	0	10.	1292.	1293.
1633.	870.	PLATE	1.	1.	0	1.	1437.	1438.	831.	933.	1.	1.	0	1.	1441.	1442.	996.	958.	1.	1.	0	9.	816.	827.
931.	871.	PLATE	1.	1.	0	2.	1522.	1523.	972.	934.	1.	1.	0	2.	600.	614.	997.	865.	1.	1.	0	9.	1356.	1357.
547.	872.	PLATE	1.	1.	0	2.	877.	889.	1353.	935.	1.	1.	0	2.	1526.	1527.	998.	704.	1.	1.	0	1.	551.	561.
1438.	873.	PLATE	1.	1.	0	1.	457.	478.	614.	936.	1.	1.	0	11.	923.	934.	999.	589.	1.	1.	0	1.	1020.	1027.
1523.	874.	PLATE	1.	1.	0	2.	661.	1635.	1442.	937.	1.	1.	0	12.	718.	732.	1000.	1033.	1.	1.	0	10.	919.	925.
1634.	875.	PLATE	1.	1.	0	2.	1284.	1285.	938.	938.	1.	1.	0	11.	1288.	1289.	1001.	1292.	1.	1.	0	9.	654.	665.
889.	876.	PLATE	1.	1.	0	1.	414.	435.	934.	939.	1.	1.	0	1.	539.	552.	1002.	1356.	1.	1.	0	1.	520.	528.
478.	877.	PLATE	1.	1.	0	2.	828.	842.	1527.	940.	1.	1.	0	1.	995.	998.	1003.	551.	1.	1.	0	1.	997.	1008.
1285.	878.	PLATE	1.	1.	0	2.	606.	1636.	1017.	941.	1.	1.	0	11.	881.	893.	1004.	1020.	1.	1.	0	9.	765.	778.
1635.	879.	PLATE	1.	1.	0	1.	386.	402.	1289.	942.	1.	1.	0	1.	497.	511.	1005.	816.	1.	1.	0	10.	876.	884.
435.	880.	PLATE	1.	1.	0	1.	955.	965.	943.	943.	1.	1.	0	12.	667.	682.	1006.	919.	1.	1.	0	9.	1530.	1531.
984.	881.	PLATE	1.	1.	0	2.	779.	793.	552.	944.	1.	1.	0	1.	972.	979.	1007.	654.	1.	1.	0	1.	1446.	1447.
882.	882.	PLATE	1.	1.	0	2.	1349.	1637.	732.	945.	1.	1.	0	11.	831.	846.	1008.	997.	1.	1.	0	1.	597.	609.
842.	883.	PLATE	1.	1.	0	1.	931.	944.	998.	946.	1.	1.	0	1.	462.	480.	1009.	1530.	1.	1.	0	11.	963.	974.
1636.	884.	PLATE	1.	1.	0	2.	547.	1638.	893.	947.	1.	1.	0	12.	1353.	1354.	1010.	1446.	1.	1.	0	9.	714.	726.
965.	885.	PLATE	1.	1.	0	2.	727.	741.	514.	948.	1.	1.	0	1.	1442.	1443.	1011.	705.	1.	1.	0	10.	827.	835.
1637.	886.	PLATE	1.	1.	0	1.	1438.	1439.	682.	949.	1.	1.	0	12.	614.	628.	1012.	876.	1.	1.	0	1.	561.	575.
793.	887.	PLATE	1.	1.	0	2.	1523.	1639.	979.	950.	1.	1.	0	10.	934.	942.	1013.	597.	1.	1.	0	11.	1293.	1294.
944.	888.	PLATE	1.	1.	0	1.	889.	903.	1354.	951.	1.	1.	0	11.	783.	797.	1014.	963.	1.	1.	0	9.	1357.	1358.
1638.	889.	PLATE	1.	1.	0	1.	478.	1640.	1443.	952.	1.	1.	0	1.	998.	1005.	1015.	714.	1.	1.	0	1.	528.	544.
1639.	890.	PLATE	1.	1.	0	2.	677.	692.	846.	953.	1.	1.	0	12.	1527.	1528.	1016.	561.	1.	1.	0	11.	925.	936.
747.	891.	PLATE	1.	1.	0	2.	1285.	1286.	1023.	954.	1.	1.	0	10.	1289.	1290.	1017.	1293.	1.	1.	0	10.	778.	787.
903.	892.	PLATE	1.	1.	0	1.	435.	1641.	628.	955.	1.	1.	0	1.	979.	987.	1018.	827.	1.	1.	0	9.	665.	676.
1640.	893.	PLATE	1.	1.	0	2.	842.	858.	942.	956.	1.	1.	0	1.	552.	571.	1019.	665.	1.	1.	0	1.	1027.	1035.
1286.	894.	PLATE	1.	1.	0	1.	965.	973.	1005.	957.	1.	1.	0	10.	893.	902.	1020.	1043.	1.	1.	0	11.	884.	896.
991.	895.	PLATE	1.	1.	0	2.	623.	639.	1528.	958.	1.	1.	0	11.	732.	747.	1021.	925.	1.	1.	0	9.	1531.	1532.
692.	896.	PLATE	1.	1.	0	1.	402.	1642.	1290.	959.	1.	1.	0	1.	511.	532.	1022.	665.	1.	1.	0	10.	726.	734.
1641.	897.	PLATE	1.	1.	0	2.	793.	809.	797.	960.	1.	1.	0	1.	1443.	1444.	1023.	778.	1.	1.	0	1.	1008.	1019.
858.	898.	PLATE	1.	1.	0	1.	944.	953.	571.	961.	1.	1.	0	10.	846.	855.	1024.	1027.	1.	1.	0	1.	609.	622.
889.	899.	PLATE	1.	1.	0	2.	1350.	1351.	987.	962.	1.	1.	0	9.	942.	950.	1025.	1027.	1.	1.	0	11.	835.	849.
973.	900.	PLATE	1.	1.	0	1.	1439.	1440.	902.	963.	1.	1.	0	11.	682.	696.	1026.	884.	1.	1.	0	10.	1358.	1359.
639.	901.	PLATE	1.	1.	0	2.	565.	583.	1444.	964.	1.	1.	0	1.	480.	500.	1027.	726.	1.	1.	0	1.	1447.	1448.
953.	902.	PLATE	1.	1.	0	2.	741.	757.	747.	965.	1.	1.	0	9.	1290.	1291.	1028.	726.	1.	1.	0	1.	575.	588.
1351.	903.	PLATE	1.	1.	0	2.	692.	707.	532.	966.	1.	1.	0	10.	797.	806.	1029.	609.	1.	1.	0	10.	676.	684.
809.	904.	PLATE	1.	1.	0	2.	858.	868.	950.	967.	1.	1.	0	11.	1354.	1355.	1030.	925.	1.	1.	0	12.	974.	986.
583.	905.	PLATE	1.	1.	0	1.	455.	477.	696.	968.	1.	1.	0	1.	1005.	1014.	1031.	1358.	1.	1.	0	1.	544.	557.
1440.	906.	PLATE	1.	1.	0	1.	498.	518.	1029.	969.	1.	1.	0	9.	902.	912.	1032.	1447.	1.	1.	0	1.	787.	802.
913.	907.	PLATE	1.	1.	0	2.	692.	707.	1291.	970.	1.	1.	0	11.	628.	645.	1033.	575.	1.	1.	0	10.	1532.	1533.
1525.	908.	PLATE	1.	1.	0	1.	973.	985.	1355.	971.	1.	1.	0	1.	987.	994.	1034.	835.	1.	1.	0	12.	1294.	1208.
757.	909.	PLATE	1.	1.	0	1.	973.	985.	1014.	972.	1.	1.	0	10.	747.	756.	1035.	676.	1.	1.	0	1.	622.	632.
1287.	910.	PLATE	1.	1.	0	1.	973.	985.	806.	973.	1.	1.	0	9.	855.	865.	1036.	974.	1.	1.	0	1.	1448.	1449.
518.	911.	PLATE	1.	1.	0	2.	583.	600.	974.	974.	1.	1.	0	1.	571.	589.	1037.	1532.	1.	1.	0	12.	936.	949.
911.	912.	PLATE	1.	1.	0	2.	809.	817.	912.	975.	1.	1.	0	11.	1528.	1529.	1038.	1294.	1.	1.	0	1.	1035.	1042.
1001.	913.	PLATE	1.	1.	0	2.	639.	655.	645.	976.	1.	1.	0	1.	1444.	1445.	1039.	1050.	1.	1.	0	11.	734.	750.
868.	914.	PLATE	1.	1.	0	1.	423.	439.	994.	977.	1.	1.	0	1.	571.	589.	1040.	787.	1.	1.	0	1.	588.	596.
707.	915.	PLATE	1.	1.	0	1.	953.	962.	1529.	978.	1.	1.	0	9.	950.	958.	1041.	622.	1.	1.	0	1.	1019.	1025.
477.	916.	PLATE	1.	1.	0	2.	1351.	1352.	1445.	979.	1.	1.	0	10.	696.	704.	1042.	1035.	1.	1.	0	12.	896.	910.
985.	917.	PLATE	1.	1.	0	1.	1440.	1441.	756.	980.	1.	1.	0	9.	806.	816.	1043.	936.	1.	1.	0	11.	1359.	1360.
655.	918.	PLATE	1.	1.	0	2.	757.	768.	865.	981.	1.	1.	0	1.	532.	551.	1044.	734.	1.	1.	0	1.	557.	566.
962.	919.	PLATE	1.	1.	0	2.	583.	600.	589.	982.	1.	1.	0	1.	1014.	1020.	1045.	588.	1.	1.	0	1.	1448.	1449.
817.	920.	PLATE	1.	1.	0	12.	913.	923.	1033.	983.	1.	1.	0	9.	1291.	1292.	1046.	1019.	1.	1.	0	11.	684.	698.
1352.	921.	PLATE	1.	1.	0	2.	1525.	1526.	958.	984.	1.	1.	0	10.	1355.	1356.	1047.	1359.	1.	1.	0	12.	849.	864.
1441.	922.	PLATE	1.	1.	0	12.	1287.	1288.	704.	985.	1.	1.	0	1.	500.	520.	1048.	896.	1.	1.	0	2.	986.	990.
600.	923.	PLATE	1.	1.	0	2.	707.	718.	551.	986.	1.	1.	0	1.	994.	997.	1049.	1448.	1.	1.	0	11.	1533.	1534.
923.	923.	PLATE	1.	1.	0	1.	518.	539.	1020.	987.	1.	1.	0	9.	912.	919.	1050.	684.	1.	1.	0	2.	1208.	1209.
768.	924.	PLATE	1.	1.	0	12.	868.	881.	1292.	988.	1.	1.	0	9.	756.	765.	1051.	986.	1.	1.	0	1.	632.	647.
1526.	925.	PLATE	1.	1.	0	1.	477.	497.	816.	989.	1.	1.	0	10.	645.	654.	1052.	1533.	1.	1.	0	12.	802.	815.
1288.	926.	PLATE	1.	1.	0	1.	985.	995.	1356.	990.	1.	1.	0	1.	1445.	1446.	1053.	849.	1.	1.	0	2.	949.	956.
539.	927.	PLATE	1.	1.	0	12.	817.	831.	997.	991.	1.	1.	0	9.	865.	876.	1054.	1208.	1.	1.	0	1.	1042.	1049.
927.	928.	PLATE	1.	1.	0	2.	655.	667.	919.	992.	1.	1.	0	10.	1529.	1530.	1055.	1054.	1.	1.	0	1.	596.	615.
1012.	929.	PLATE	1.	1.	0	1.	439.	462.	654.	993.	1.	1.	0	10.	958.	963.	1056.	632.	1.	1.	0	1.	1025.	1036.
881.	930.	PLATE	1.	1.	0	1.	439.	462.	993.	993.	1.	1.	0	10.	958.	963.	1056.	632.	1.	1.	0	1.	1025.	1036.

1049	1042	1.	0			869	853	1.	0			1106	1102	1.	0								
1057	PLATE	1.	1.	0	2.	910.	916.	1120.	PLATE	1.	1.	0	1.	627.	644.	1183.	PLATE	1.	1.	0	2.	1026.	1598.
956	949	1.	1.	0				671	656	1.	1.	0	1.	627.	644.	1597	1216	1.	1.	0	2.	1026.	1598.
1058	PLATE	1.	1.	0	12.	750.	764.	1121.	PLATE	1.	1.	0	1.	1072.	1077.	1184.	PLATE	1.	1.	0	2.	863.	878.
815	802	1.	1.	0				1087	1080	1.	1.	0	1.	1072.	1077.	920	908	1.	1.	0	2.	863.	878.
1059	PLATE	1.	1.	0	1.	566.	584.	1122.	PLATE	1.	1.	0	2.	951.	960.	1185.	PLATE	1.	1.	0	1.	691.	1574.
615	596	1.	1.	0				996	988	1.	1.	0	2.	951.	960.	1573	716	1.	1.	0	1.	691.	1574.
1060	PLATE	1.	1.	0	1.	1449.	1450.	1123.	PLATE	1.	1.	0	2.	1364.	1365.	1186.	PLATE	1.	1.	0	1.	1081.	1084.
1032	1025	1.	1.	0				819	804	1.	1.	0	2.	1364.	1365.	1096	1094	1.	1.	0	1.	1081.	1084.
1061	PLATE	1.	1.	0	12.	1360.	1361.	1124.	PLATE	1.	1.	0	1.	1055.	1062.	1187.	PLATE	1.	1.	0	2.	993.	1599.
764	750	1.	1.	0				1077	772	1.	1.	0	1.	1055.	1062.	1598	1026	1.	1.	0	2.	993.	1599.
1062	PLATE	1.	1.	0	2.	864.	875.	1125.	PLATE	1.	1.	0	2.	753.	770.	1188.	PLATE	1.	1.	0	2.	1368.	1369.
916	910	1.	1.	0				1365	1364	1.	1.	0	2.	753.	770.	878	863	1.	1.	0	2.	1368.	1369.
1063	PLATE	1.	1.	0	2.	990.	1000.	1126.	PLATE	1.	1.	0	2.	914.	924.	1189.	PLATE	1.	1.	0	1.	1457.	1458.
1450	1449	1.	1.	0				960	951	1.	1.	0	2.	914.	924.	1084	1081	1.	1.	0	1.	1457.	1458.
1064	PLATE	1.	1.	0	12.	698.	713.	1127.	PLATE	1.	1.	0	1.	1453.	1454.	1190.	PLATE	1.	1.	0	2.	814.	829.
1361	1360	1.	1.	0				1062	1055	1.	1.	0	2.	1538.	1539.	1369	1368	1.	1.	0	2.	814.	829.
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1000	990	1.	1.	0				770	753	1.	1.	0	2.	1028.	1037.	1109	1106	1.	1.	0	2.	1059.	1064.
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713	698	1.	1.	0				1454	1453	1.	1.	0	1.	701.	717.	1599	993	1.	1.	0	2.	1542.	1543.
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875	864	1.	1.	0				1539	1538	1.	1.	0	2.	869.	882.	829	814	1.	1.	0	2.	1217.	1218.
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1210	1209	1.																					

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1584.	943.	1.	1.	0			1550.	1549.	1.	1	0	1.	851.	861.	947.	939.	1.	1.	0			
1247.	PLATE	1.	1.	1.	771.	776.	1310.	PLATE	1.	1.	0	11.	1074.	1079.	1373.	PLATE	1.	1.	0	1.	839.	845.
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1248.	PLATE	1.	1.	1.	1110.	1609.	1311.	PLATE	1.	1.	0	12.	946.	957.	1374.	PLATE	1.	1.	0	1.	873.	879.
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1249.	PLATE	1.	1.	2.	1022.	1030.	1312.	PLATE	1.	1.	0	1.	1114.	1118.	905.	900.	1.	1.	0	1.	413.	417.
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1250.	PLATE	1.	1.	2.	1372.	1586.	1313.	PLATE	1.	1.	0	1.	821.	830.	879.	873.	1.	1.	0	1.	1558.	1082.
1585.	904.	1.	1.	0			861.	851.	1.	1.	0	11.	1052.	1058.	1377.	PLATE	1.	1.	0	1.	1560.	1071.
1251.	PLATE	1.	1.	1.	743.	751.	1314.	PLATE	1.	1.	0	12.	1376.	1377.	458.	1557.	1.	1.	0	1.	1561.	1455.
776.	771.	1.	1.	0			1079.	1074.	1.	1.	0	1.	1465.	1466.	1379.	PLATE	1.	1.	0	1.	1562.	1047.
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1609.	1110.	1.	1.	0			957.	946.	1.	1.	0	1.	794.	803.	1380.	PLATE	1.	1.	0	1.	1564.	1018.
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1254.	PLATE	1.	1.	2.	989.	999.	1317.	PLATE	1.	1.	0	1.	1127.	1129.	1382.	PLATE	1.	1.	0	1.	1567.	908.
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1611.	1098.	1.	1.	0			1134.	1133.	1.	1.	0	1.	1127.	1129.	1384.	PLATE	1.	1.	0	1.	1570.	814.
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1589.	808.	1.	1.	0			1101.	1100.	1.	1.	0	1.	861.	874.	1051.	1581.	1.	1.	0	1.	1582.	1022.
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67to310by81 68to77by3 82 93to390by99
97to241by48 106 107to403by74
104to146by14 106 107to403by74
114to338by56
136to138 142to507by73 153 161
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427 429 437to473by12 441 446 454to460by2
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64to334by45 69to315by82
75to465by130 76to481by135 78to81 84to86
91to203by28 92to263by57
94to406by104 99to227by32 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
187, 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 633to666by7 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 1443to1474,
0
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
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
910to909by10 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
1532to1534 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 1379to1442, 0
451 460 468 473 499 507 542
550 564 568 630 678 699 720 795 800
810 880 911 918 952 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 801to888by16 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 1379to1459by16,
0
2to5 7 9to39by10 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
718 735to815by16 832to880by16 897
914 947 965 985 1003 1016 1032 1044
1059 1075 1090 1104to1168by16
1185 1205 1226 1242 1251 1265 1283 1301
1317 1336 1355 1367 1373 1376
1394to1474by16, 0
P16 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
558 564 1245to1247 1311to1313
1398to1400 1485to1487, 250to264by2
265to277 279to299by5 280
282to297by5 291, 0
P17 200 208 225 235 253 262
303 314 359 370 418 431 489 505 556 569
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
P18 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,
USEELAST, 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,
USEELAST, ELAST, or 2, ELAST, POISN,
THERMAL, DEN, MASS
1, CONC C27, 0, 0, 0,
C, NO, 0.05, i, KS01-Civil(RC),
C27, NO, 2.4645e+010
*MATL-COLOR
: IMAT, W.R, W.G, W.B, HF.R, HF.G,
HF.B, HE.R, HE.G, HE.B, bBLEND, FACT
0, 255, 0, 0, 0, 255, 0,
0, 255, NO, 0.5
*THICKNESS
: iTHK, TYPE, bSAPE, 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
section
SHAPE, THIK-IN, THIK-OUT, HU,
HL
section
: iTHK, TYPE, SUBTYPE, RPOS, PLATETHIK
: TYPE=STIFFENED
SUBTYPE=USER
bRIB {, SHAPE, DIST, SIZE1, SIZE2,
SIZE6}
bRIB {, SHAPE, DIST, SIZE2, SIZE2,
SIZE6}
: iTHK, TYPE, SUBTYPE, RPOS,
PLATETHIK, DBNAME
: TYPE=STIFFENED SUBTYPE=DB
bRIB {, SHAPE, DIST, SNAME}
bRIB {, SHAPE, DIST, SNAME}
bRIB {, SHAPE, DIST, SNAME}
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
4, VALUE, YES, 0.844, 0, NO, 0, 0
5, VALUE, YES, 0.925, 0, NO, 0, 0
6, VALUE, YES, 1.145, 0, NO, 0, 0
7, VALUE, YES, 1.365, 0, NO, 0, 0
8, VALUE, YES, 1.505, 0, NO, 0, 0
9, VALUE, YES, 1.394, 0, NO, 0, 0
10, VALUE, YES, 1.334, 0, NO, 0, 0
11, VALUE, YES, 1.114, 0, NO, 0, 0
12, VALUE, YES, 1.033, 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, 255, NO, 0.5
2, 255, 0, 0, 0, 255, 0, 0,
0, 255, NO, 0.5
3, 255, 0, 0, 0, 255, 0, 0,
0, 255, NO, 0.5
4, 255, 0, 0, 0, 255, 0, 0,
5, 255, 0, 0, 0, 255, 0, 0,
6, 255, 0, 0, 0, 255, 0, 0,
7, 255, 0, 0, 0, 255, 0, 0,
8, 255, 0, 0, 0, 255, 0, 0,
9, 255, 0, 0, 0, 255, 0, 0,
10, 255, 0, 0, 0, 255, 0, 0,
11, 255, 0, 0, 0, 255, 0, 0,
12, 255, 0, 0, 0, 255, 0, 0,
0, 255, NO, 0.5
*STLDCASE : Static Load Cases
: LCNAME, LCTYPE, DESC
```

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LC1 , USER.
LC2 , USER.
LC3 , USER.
LC4 , USER.
LC5 , USER.
LC6 , USER.
*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.
*USE-STLD, LC1
*CONLOAD : Nodal Loads
: NODE_LIST, FX, FY, FZ, MX, MY, MZ,
GROUP
870, 0, 0, -50550, 0, 0, 0.
909, 0, 0, -35800, 0, 0, 0.
1280, 0, 0, -50550, 0, 0, 0.
1283, 0, 0, -35800, 0, 0, 0.
1645, 0, 0, -50550, 0, 0, 0.
1648, 0, 0, -50550, 0, 0, 0.
: End of data for load case [LC1]
-----
*USE-STLD, LC2
*CONLOAD : Nodal Loads
: NODE_LIST, FX, FY, FZ, MX, MY, MZ,
GROUP
616, 0, 0, -50550, 0, 0, 0.
661, 0, 0, -35800, 0, 0, 0.
719, 0, 0, -50550, 0, 0, 0.
762, 0, 0, -35800, 0, 0, 0.
1650, 0, 0, -50550, 0, 0, 0.
1652, 0, 0, -50550, 0, 0, 0.
: End of data for load case [LC2]
-----
*USE-STLD, LC3
*CONLOAD : Nodal Loads
: NODE_LIST, FX, FY, FZ, MX, MY, MZ,
GROUP
416, 0, 0, -50550, 0, 0, 0.
478, 0, 0, -35800, 0, 0, 0.
1346, 0, 0, -50550, 0, 0, 0.
1349, 0, 0, -35800, 0, 0, 0.
1654, 0, 0, -50550, 0, 0, 0.
1657, 0, 0, -50550, 0, 0, 0.
: End of data for load case [LC3]
-----
*USE-STLD, LC4
*CONLOAD : Nodal Loads
: NODE_LIST, FX, FY, FZ, MX, MY, MZ,
GROUP
1084, 0, 0, -50550, 0, 0, 0.
1218, 0, 0, -50550, 0, 0, 0.
1594, 0, 0, -50550, 0, 0, 0.
1597, 0, 0, -50550, 0, 0, 0.
1611, 0, 0, -35800, 0, 0, 0.
1614, 0, 0, -35800, 0, 0, 0.
: End of data for load case [LC4]
-----
*USE-STLD, LC5
*CONLOAD : Nodal Loads
: NODE_LIST, FX, FY, FZ, MX, MY, MZ,
GROUP
937, 0, 0, -50550, 0, 0, 0.
1007, 0, 0, -50550, 0, 0, 0.
1599, 0, 0, -50550, 0, 0, 0.
1601, 0, 0, -50550, 0, 0, 0.
1616, 0, 0, -35800, 0, 0, 0.
1618, 0, 0, -35800, 0, 0, 0.
: End of data for load case [LC5]
-----
*USE-STLD, LC6
*CONLOAD : Nodal Loads
: NODE_LIST, FX, FY, FZ, MX, MY, MZ,
GROUP
801, 0, 0, -50550, 0, 0, 0.
1371, 0, 0, -50550, 0, 0, 0.
1803, 0, 0, -50550, 0, 0, 0.
1806, 0, 0, -50550, 0, 0, 0.
1620, 0, 0, -35800, 0, 0, 0.
1623, 0, 0, -35800, 0, 0, 0.
: End of data for load case [LC6]
-----
*MVLD CODE : Moving Load Code
: CODE=CODE
: CODE=NONE
*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, LC1, 255, 255, 255, 192, 72, 0, 160,
192, 255
ST, LC4, 163, 255, 160, 192, 192, 192, 85,
0, 192
ST, LC2, 163, 255, 160, 0, 192, 128, 210,
210, 210
ST, LC3, 212, 160, 255, 163, 255, 160,
163, 255, 160
ST, LC5, 255, 255, 255, 146, 0, 255, 210,
210, 210
ST, LC6, 255, 87, 87, 192, 0, 192, 160,
255, 255
*DGN-MATL : Modify Steel(Concrete)
Material
: iMAT, TYPE, MNAME, [DATA1]
: : STEEL
: iMAT, TYPE, MNAME, [DATA2],
[R-DATA], FCI, bSERV, SHORT, LONG :
CONC
: iMAT, TYPE, MNAME, [DATA3], [DATA2],
[R-DATA] : SRC
: iMAT, TYPE, MNAME, [DATA5]
: : STEEL(None) &
KSCE-ASD05
: [DATA1] : 1, DB, CODE, NAME or 2,
ELAST, POISN, FU, FY1, FY2, FY3, FY4
: : FY5, FY6, AFT, AFT2, AFT3,
FY, AFV, AFV2, AFV3
: [DATA2] : 1, DB, CODE, NAME or 2, FC,
CHK, LAMBDA
: [DATA3] : 1, DB, CODE, NAME or 2,
ELAST, FU, FY1, FY2, FY3, FY4
: : FY5, FY6, AFT, AFT2, AFT3,

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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
: : CONC, C27 : 1,
KS01-Civil(RC), C27 : 1,
NO, 1, , , 0, 0, 18900000, NO, 0, 0,
: : 0, 0, 0, , 0, NO, 1,
*ENDDDATA

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