

OutPut Data

** MIDAS/Civil V.8.4.5 Modeling, Integrated Design & Analysis
Software **
** CIVIL STRUCTURE DESIGN SYSTEM

XXXXXXXX
XX
XXXXXXXX
XXX
XXX
XXX
XXXXXXXX /Civil

VERSION 8.4.5

COPYRIGHT (C) SINCE 1989. MIDAS Information Technology
Co.,Ltd.
MIDAS TEAM ALL RIGHTS RESERVED.

ANALYSIS RESULT OUTPUTS

LOAD SET FOR ELEMENT OUTPUTS - Load Set 1

<< LOAD COMBI/CASE/ENVEL ABBREVIATION TABLE >>

ABBREVIATION DESCRIPTION	FULL NAME	TYPE
합성후~1	합성후고정하중	Static
단위모~1	단위모멘트	Static
합성전~1	합성전고정하중	Static
합성전~2	합성전고정하중	Gen.Comb

<< SELECTED LOAD CASE/COMBINATION DETAIL LIST >>

[Selected Load Cases]

LOAD CASE	ANAL.TYPE	DESCRIPTION
STATIC LOAD CASE	DETAIL TYPE	
합성후~1	Static	User
Defined Load (USER)		
단위모~1	Static	User
Defined Load (USER)		

[Selected Load Combinations]

L. COMB	TYPE	COMBINATION DETAIL
활하중	Gen.Comb	1.176 x MV
합성전~2	Gen.Comb	1.300 x 자중 + 1.000 x 합성전~1

BEAM ELEMENT FORCES & MOMENTS DEFAULT PRINTOUT
Unit System : kN , mm

ELEM SHEAR-z	MAT TORSION	SEC MOMENT-y	LC MOMENT-y	PT MOMENT-z	AXIAL	SHEAR-y
1	1	1 합성후~1	I	0.0	0.0	0.0
0.0	-0.0	-0.0	J	-2.8	0.0	6.4
0.0	-1288.0	-0.0	단위모~1	I	0.0	0.0
0.0	0.0	0.0	J	0.0	0.0	0.0
0.0	0.0	0.0	활하중 Max	I	0.0	0.0
0.0	0.0	0.0	J	0.0	0.0	221.4
455031.0	0.0	0.0	Min	I	0.0	0.0
-0.0	-0.0	-0.0	J	0.0	0.0	0.0
-0.0	-88570.5	-0.0	합성전~2	I	0.0	0.0
-0.0	-0.0	0.0	J	0.0	0.0	18.2
-760.0	-3631.0	-0.0	2 합성후~1	I	-1.6	0.3
2	1	1 합성후~1	I	-1.6	0.3	-270.9
-9839.3	-2000.0		J	-16.1	0.3	-237.1
523582.2	-2643.4	단위모~1	I	0.0	0.6	-0.0
1.4	2.5	J	0.0	0.6	-0.0	-16.0
23.2	-1165.1	활하중 Max	I	0.7	3.2	53.8
213953.4	52452.5	947.0	J	0.7	3.2	84.6
324770.3	843215.4	10572.6	Min	I	-0.6	-5.3
-64283.2	-904.2		J	-0.6	-5.3	-448.4
-127313.0	-6688.7	합성전~2	I	0.5	-5.0	-967.5
1821.2	-61.9	J	0.5	-5.0	-872.2	-62942.4
1933545.9	10486.8	3 합성후~1	I	-14.6	-0.8	-229.0
3	1	1 합성후~1	I	-14.6	-0.8	-229.0
521800.3	-4773.1	J	-49.1	-0.8	-148.5	118072.3
1465516.6	-832.1	단위모~1	I	0.1	0.3	-0.0
23.4	-1162.4	J	0.1	0.3	-0.0	-18.5
68.3	-2901.5	활하중 Max	I	1.4	4.5	62.1
224813.7	860132.1	11021.9	J	1.4	4.5	154.8
545417.6	2143990.0	45439.4	Min	I	-1.3	-7.6
-121525.2	-7385.9	J	-1.3	-7.6	-424.5	-651406.6
-311511.1	-26947.4	합성전~2	I	0.7	-7.4	-842.9
1931342.8	10419.0	J	0.7	-7.4	-616.0	-41721.6
5578431.7	47335.2	4 합성후~1	I	-47.9	-1.1	-150.6
4	1	1 합성후~1	I	-47.9	-1.1	-150.6
1466580.4	-2781.2	J	-69.6	-1.1	-99.8	105907.7
1860947.7	677.5	단위모~1	I	0.1	0.2	-0.0
68.0	-2899.2					-15.2

90.4	-3527.7		J	0.1	0.2	-0.0	-15.2	3.7	120.6	-4402.3		J	0.1	0.0	0.0	
								3.7	120.1	-4423.1						
314034.0	2160436.9	활하중	Max	I	2.0	5.4	99.5				활하중	Max	I	3.0	5.9	187.6
508238.5	2702977.2	71944.0		J	2.0	5.4	169.6	348237.9	3227266.8	133068.3		J	3.0	5.9	197.1	
-310025.4	-27313.0		Min	I	-1.8	-9.1	-346.6	371658.2	3247446.1	137623.8		Min	I	-3.0	-10.0	-248.1
-424200.2	-42438.7			J	-1.8	-9.1	-276.9	-692483.6	-78173.8			J	-3.0	-10.0	-236.8	
								-710979.8	-80829.3					-499628.0		
5573386.8	47274.4	합성전~2	I	0.9	-8.8	-569.1	6448.9			합성전~2	I	1.0	-9.4	2.1		
7140894.5	75151.8		J	0.9	-8.8	-426.1	463.9	101985.0	8672825.8	138989.8		J	1.0	-9.4	26.1	
5	1	2 합성후~1	I	-69.6	-1.1	-99.8	105907.7	101035.0	8665798.2	143705.1						
1860947.7	677.5		J	-82.4	-1.1	-70.1	105907.7	9	1	2 합성후~1	I	-118.0	-1.5	-2.3	29900.7	
2018097.7	2708.8							2220175.3	6259.3		J	-140.1	-1.5	49.2	29900.7	
		단위모~1	I	0.1	0.2	-0.0	-15.2	2145078.7	10927.9							
90.4	-3527.7		J	0.1	0.2	-0.0	-15.2			단위모~1	I	0.1	0.0	0.0		
103.6	-3896.8							3.7	120.1	-4423.1		J	0.1	0.0	0.0	
								3.7	117.1	-4556.2						
508238.5	2702977.2	활하중	Max	I	2.0	5.4	169.6				활하중	Max	I	3.0	5.9	197.1
622413.5	2901324.9	71944.0		J	2.0	5.4	213.5	371658.2	3247446.1	137623.8		J	3.0	5.9	259.6	
-424200.2	-42438.7	87375.6	Min	I	-1.8	-9.1	-276.9	526975.0	3253831.5	166795.4		Min	I	-3.0	-10.0	-236.8
-496900.4	-51340.7			J	-1.8	-9.1	-242.4	-710979.8	-80829.3			J	-3.0	-10.0	-174.8	
								-829359.2	-97963.5					-339428.4		
7140894.5	75151.8	합성전~2	I	0.9	-8.8	-426.1	463.9			합성전~2	I	1.0	-9.4	26.1		
7847126.4	91524.3		J	0.9	-8.8	-337.4	-3051.1	101035.0	8665798.2	143705.1		J	1.0	-9.4	179.6	
6	1	2 합성후~1	I	-81.2	-1.3	-78.7	73382.3	94955.0	8336727.1	173883.0						
2020943.4	763.5		J	-110.2	-1.3	-11.1	73382.3	10	1	2 합성후~1	I	-140.1	-1.5	49.2	29900.7	
2209497.2	6375.0							2145078.7	10927.9		J	-149.0	-1.5	70.2	29900.7	
		단위모~1	I	0.1	0.1	-0.0	-6.9	2067478.1	12824.5							
102.9	-3894.7		J	0.1	0.1	-0.0	-6.9			단위모~1	I	0.1	0.0	0.0		
118.5	-4322.7							3.7	117.1	-4556.2		J	0.1	0.0	0.0	
								3.7	115.9	-4610.2						
349245.2	2917020.4	활하중	Max	I	2.5	5.9	144.3				활하중	Max	I	3.0	5.9	259.6
562731.1	3197383.8	87615.9		J	2.5	5.9	230.0	526975.0	3253831.5	166795.4		J	3.0	5.9	287.9	
-496415.2	-51685.9	125599.3	Min	I	-2.4	-9.9	-291.9	601856.1	3197111.5	178653.4		Min	I	-3.0	-10.0	-174.8
-661788.0	-73651.7			J	-2.4	-9.9	-207.2	-829359.2	-97963.5			J	-3.0	-10.0	-151.7	
								-877452.5	-104931.2					-278949.4		
7841828.3	91464.3	합성전~2	I	1.0	-9.5	-287.1	57509.6			합성전~2	I	1.0	-9.4	179.6		
8624454.7	131433.6		J	1.0	-9.5	-85.6	49529.6	94955.0	8336727.1	173883.0		J	1.0	-9.4	242.0	
7	1	2 합성후~1	I	-110.2	-1.3	-11.1	73382.3	92485.0	8062674.2	186142.8						
2209497.2	6375.0		J	-115.7	-1.3	1.8	73382.3	11	1	2 합성후~1	I	-147.9	-1.5	57.7	-15485.4	
2213212.2	7443.8							2071449.4	10952.5		J	-161.0	-1.5	88.3	-15485.4	
		단위모~1	I	0.1	0.1	-0.0	-6.9	1932760.5	13723.5							
118.5	-4322.7		J	0.1	0.1	-0.0	-6.9			단위모~1	I	0.1	0.0	0.0		
121.5	-4404.2							12.9	115.1	-4608.4		J	0.1	0.0	0.0	
								12.9	104.3	-4619.8						
562731.1	3197383.8	활하중	Max	I	2.5	5.9	230.0				활하중	Max	I	3.6	5.7	235.8
613080.3	3213472.6	125599.3		J	2.5	5.9	248.7	338348.0	3211261.2	178875.2		J	3.6	5.7	271.4	
-661788.0	-73651.7	132838.5	Min	I	-2.4	-9.9	-207.2	418910.7	3108519.9	195236.5		Min	I	-3.6	-9.4	-209.8
-693289.0	-77858.2			J	-2.4	-9.9	-192.6	-876148.7	-105217.0			J	-3.6	-9.4	-171.2	
								-938768.6	-115031.6					-450122.6		
8624454.7	131433.6	합성전~2	I	1.0	-9.5	-85.6	49529.6			합성전~2	I	1.0	-8.6	287.3		
8677548.4	139046.8		J	1.0	-9.5	-47.2	48009.6	132402.8	8059180.9	186090.0		J	1.0	-8.6	378.4	
8	1	2 합성후~1	I	-114.5	-1.5	-10.3	29900.7	128792.8	7426776.1	202488.6						
2217016.6	5529.9		J	-118.0	-1.5	-2.3	29900.7	12	1	3 합성후~1	I	-161.0	-1.5	88.3	-15485.4	
2220175.3	6259.3							1932760.5	13723.5		J	-182.4	-1.5	138.2	-15485.4	
		단위모~1	I	0.1	0.0	0.0	0.0	1581703.5	18244.6							

단위모~1							단위모~1								
12.9	104.3	-4619.8		I	0.1	0.0	0.0	18.3	-26.2	-4341.0		I	0.1	-0.1	0.0
12.9	86.7	-4638.4		J		0.1	0.0	18.3	-79.1	-4098.0		J	0.1	-0.1	0.0
활하중 Max I 3.6 5.7 271.4							활하중 Max I 5.3 4.3 412.6								
418910.7	3108519.9	195236.5		J	3.6	5.7	334.2	587799.1	1034032.9	293714.9		J	5.3	4.3	499.9
574237.0	2787499.6	221958.6	Min I	-3.6	-9.4	-171.2	-450122.6	739309.3	682309.8	312032.2	Min I	-5.5	-5.1	-110.1	-468532.5
-938768.6	-115031.6			J	-3.6	-9.4	-115.4	-1605087.1	-178306.1			J	-5.5	-5.1	-65.0
-1041039.7	-131069.4							-2511762.0	-192879.3					-307712.6	
합성전~2 I 1.0 -8.6 378.4							합성전~2 I 0.5 -2.2 1109.1								
128792.8	7426776.1	202488.6		J	1.0	-8.6	522.4	90063.4	-2742404.5	291011.9		J	0.5	-2.2	1329.2
122902.8	6030544.2	229244.1						81798.4	-8045746.1	300437.7					
13	1	3 합성후~1 I	-181.3	-1.3	127.3	-56455.0		17	1	5 합성후~1 I	-281.9	0.3	368.3	-84564.0	
1585288.5	16429.8		J	-215.8	-1.3	207.8	-56455.0	-2077051.0	25698.0		J	-299.1	0.3	408.6	-84564.0
747385.6	22977.3							-3048150.3	25064.7						
단위모~1 I 0.1 -0.0 0.0							단위모~1 I 0.1 -0.1 0.0								
18.5	86.2	-4636.8		J	0.1	-0.0	0.0	14.9	-78.8	-4096.8		J	0.1	-0.1	0.0
18.5	39.2	-4554.9						14.9	-108.2	-3896.5					
활하중 Max I 4.1 5.3 280.5							활하중 Max I 6.0 4.1 469.0								
395129.8	2802088.7	222173.0		J	4.1	5.3	377.4	625630.2	688025.0	312211.5		J	6.0	4.1	526.2
588374.2	2023970.2	260138.0	Min I	-4.2	-8.4	-184.5	-568755.0	730241.5	633606.3	317464.5	Min I	-6.3	-3.8	-99.4	-448058.4
-1039075.7	-131347.4			J	-4.2	-8.4	-91.8	-2505397.4	-193127.4			J	-6.3	-3.8	-76.1
-1199579.5	-155059.9							-3329056.7	-199477.8					-361450.5	
합성전~2 I 0.9 -7.1 558.6							합성전~2 I 0.2 1.0 1332.1								
139194.3	6029117.7	229197.4		J	0.9	-7.1	790.8	35749.0	-8041719.9	300414.5		J	0.2	1.0	1458.5
129694.3	2655625.4	264876.1						30999.0	-1.15e+007	297838.3					
14	1	4 합성후~1 I	-214.8	-1.0	201.8	-84543.9		18	1	5 합성후~1 I	-298.1	1.1	-354.2	-27977.9	
749843.6	21233.8		J	-249.3	-1.0	282.3	-84543.9	-3053101.1	23359.2		J	-315.4	1.1	-314.0	-27977.9
-460602.4	26206.6							-2217836.2	20577.7						
단위모~1 I 0.1 -0.0 0.0							단위모~1 I 0.1 -0.1 -0.0 4.7								
20.0	39.1	-4553.5		J	0.1	-0.0	0.0	-107.3	-3895.3		J	0.1	-0.1	-0.0	4.7
20.0	-18.5	-4378.6						-99.8	-3570.4						
활하중 Max I 4.7 4.7 342.1							활하중 Max I 6.9 6.3 114.9								
487593.7	2038373.0	260344.7		J	4.7	4.7	430.3	384492.6	637376.3	317642.6		J	6.9	6.3	139.4
652839.7	1109742.1	290816.0	Min I	-4.8	-6.8	-159.8	-575070.8	472242.5	605955.0	311917.5	Min I	-7.3	-4.2	-506.5	-684226.6
-1198921.9	-155329.6			J	-4.8	-6.8	-67.2	-3305510.8	-199730.1			J	-7.3	-4.2	-448.7
-1530029.5	-175902.9							-2620410.2	-201615.2					-582521.7	
합성전~2 I 0.7 -5.0 819.4							합성전~2 I -0.3 7.5 -1237.5								
123319.5	2656181.6	264836.9		J	0.7	-5.0	1056.5	-1.15e+007	297819.8		J	-0.3	7.5	-1111.0	-92318.3
113819.5	-2033460.7	289634.0						-8584026.2	278959.6						
15	1	4 합성후~1 I	-248.4	-0.6	283.0	-93639.6		19	1	5 합성후~1 I	-314.4	1.2	-306.2	-8606.6	
-459806.3	24553.3		J	-252.8	-0.6	293.5	-93639.6	-2219530.7	19020.8		J	-344.8	1.2	-235.4	-8606.6
-647183.5	24917.6							-1028002.9	13872.5						
단위모~1 I 0.1 -0.1 0.0							단위모~1 I 0.1 -0.2 -0.0 1.4								
18.3	-18.3	-4377.3		J	0.1	-0.1	0.0	-99.5	-3569.4		J	0.1	-0.2	-0.0	1.4
18.3	-26.2	-4341.0						-82.2	-2895.2						
활하중 Max I 5.3 4.3 400.9							활하중 Max I 7.6 8.4 106.6								
567308.2	1120723.4	291005.8		J	5.3	4.3	412.6	326557.3	612849.5	312046.8		J	7.6	8.4	147.4
587799.1	1034032.9	293714.9	Min I	-5.5	-5.1	-123.7	-517078.5	484485.9	1151650.3	293966.6	Min I	-8.2	-5.6	-477.4	-680140.0
-1525495.0	-176155.8			J	-5.5	-5.1	-110.1	-2613302.8	-201818.9			J	-8.2	-5.6	-388.6
-1605087.1	-178306.1							-1852051.1	-203641.3					-534412.4	
합성전~2 I 0.5 -2.2 1078.3							합성전~2 I -0.6 10.6 -1098.8								
91298.4	-2031492.5	289603.5		J	0.5	-2.2	1109.1	-8582563.6	278947.7		J	-0.6	10.6	-876.2	-117369.7
90063.4	-2742404.5	291011.9						-4237618.6	232091.7						
16	1	5 합성후~1 I	-252.8	-0.6	293.5	-93639.6		20	1	4 합성후~1 I	-344.8	1.2	-235.4	-8606.6	
-647183.5	24917.6		J	-282.9	-0.6	363.5	-93639.6	-1028002.9	13872.5		J	-348.9	1.2	-225.7	-8606.6
-2076256.7	27355.8							-889671.8	13170.4						

-82.2	-2895.2	단위모~1	I	0.1	-0.2	-0.0	1.4	-24.0	-1016.7	단위모~1	I	0.1	-0.2	-0.0	-1.5		
-79.8	-2803.3		J	0.1	-0.2	-0.0	1.4	7.8	-53.6		J	0.1	-0.2	-0.0	-1.5		
484485.9	1151650.3	활하중 Max	I	7.6		8.4	147.4	330947.1	2539435.6	활하중 Max	I	9.6		12.5	154.6		
				293966.6								242391.7					
529312.4	1243837.4		J	7.6		8.4	154.0				J	9.6		12.5	255.1		
529312.4	1243837.4	291599.4	Min	I	-8.2	-5.6	-388.6	-534412.4	588484.7	2680295.1	226601.4	Min	I	-10.3	-8.2	-287.7	-530066.1
-1852051.1	-203641.3		J	-8.2	-5.6	-377.3	-515910.1	-1553220.4	-216624.5		J	-10.3	-8.2	-191.6	-280422.9		
-1788530.2	-204131.5							-1519539.0	-225966.0								
-4237618.6	232091.7	합성전~2	I	-0.6	10.6	-876.2	-117369.7	1799175.7	84978.6	합성전~2	I	-1.1	15.9	-251.3	-20295.1		
-3720442.6	225702.2		J	-0.6	10.6	-847.7	-118509.7	2456047.1	5271.0		J	-1.1	15.9	-10.1	-29842.6		
21	1	4 합성후~1	I	-348.1	1.3	-218.9	3701.6	25	1	2 합성후~1	I	-449.9	0.7	17.9	-30497.5		
-890748.7	11806.6		J	-382.6	1.3	-138.4	3701.6	591083.2	-10568.8		J	-484.5	0.7	98.8	-30497.5		
2587.3	5081.7							297820.0	-14173.5								
단위모~1			I	0.1	-0.2	-0.0	-1.1	단위모~1			I	0.1	-0.2	-0.0	-0.2		
-79.6	-2802.4		J	0.1	-0.2	-0.0	-1.1	7.7	-52.9		J	0.1	-0.2	-0.0	-0.2		
-54.1	-1942.9							37.6	910.8								
297537.0	1260621.4	활하중 Max	I	8.3		10.2	111.8	324386.4	2694964.2	활하중 Max	I	10.2		12.6	198.8		
586997.5	2023070.2		J	8.3		10.2	189.2	574973.3	2500757.2	219756.0	J	10.2		12.6	296.9		
586997.5	2023070.2	265543.1	Min	I	-8.9	-6.8	-403.2	-578622.9	574973.3	2500757.2	219756.0	Min	I	-11.0	-8.2	-246.1	-545242.7
-1785219.5	-204283.3		J	-8.9	-6.8	-311.0	-427842.3	-1517289.0	-225992.4		J	-11.0	-8.2	-147.6	-292669.8		
-1566202.1	-207196.1							-1574804.7	-239717.0								
-3722958.4	225699.0	합성전~2	I	-0.8	13.2	-810.4	-89739.1	12031.4	2452383.2	합성전~2	I	-1.1	15.9	33.5			
-3722958.4	225699.0		J	-0.8	13.2	-573.2	-99239.1	12031.4	2452383.2	5281.8	J	-1.1	15.9	274.6			
-263979.3	159750.6							2483.9	1678161.8	-74470.2							
22	1	3 합성후~1	I	-381.9	1.3	-137.6	-346.8	26	1	2 합성후~1	I	-484.1	0.1	99.7	-35674.5		
2941.5	3846.7		J	-403.6	1.3	-86.9	-346.8	298273.2	-14900.0		J	-496.9	0.1	129.5	-35674.5		
356604.3	-361.5							86218.7	-15087.7								
단위모~1			I	0.1	-0.2	-0.0	-1.9	단위모~1			I	0.1	-0.2	-0.0	2.1		
-54.0	-1942.1		J	0.1	-0.2	-0.0	-1.9	37.4	911.5		J	0.1	-0.2	-0.0	2.1		
-35.1	-1359.6							46.3	1254.2								
315312.8	2037662.8	활하중 Max	I	8.9		11.7	127.8	352672.3	2515625.7	활하중 Max	I	10.8		12.0	254.5		
315312.8	2037662.8	265600.4	J	8.9		11.7	184.8	352672.3	2515625.7	219694.2	J	10.8		12.0	284.9		
479356.5	2402268.1	250432.5	Min	I	-9.7	-7.7	-337.4	-525168.0	415551.0	2373405.6	219031.2	Min	I	-11.6	-7.7	-215.2	-558140.9
-1562635.6	-207300.2		J	-9.7	-7.7	-277.7	-382966.8	-1572266.9	-239684.9		J	-11.6	-7.7	-176.4	-453058.2		
-1558348.0	-212871.4							-1579051.5	-245222.2								
-267672.5	159754.5	합성전~2	I	-1.0	15.0	-530.8	-57019.0	30647.8	1675696.9	합성전~2	I	-1.0	15.0	313.4			
-267672.5	159754.5		J	-1.0	15.0	-384.5	-63004.0	30647.8	1675696.9	-74459.7	J	-1.0	15.0	402.2			
1173951.8	112640.3							27132.8	1013740.0	-102180.8							
23	1	2 합성후~1	I	-403.6	1.3	-86.9	-346.8	27	1	3 합성후~1	I	-496.9	0.1	129.5	-35674.5		
356604.3	-361.5		J	-416.4	1.3	-57.1	-346.8	86218.7	-15087.7		J	-518.6	0.1	180.2	-35674.5		
489848.5	-2833.0							-401634.7	-15407.3								
단위모~1			I	0.1	-0.2	-0.0	-1.9	단위모~1			I	0.1	-0.2	-0.0	2.1		
-35.1	-1359.6		J	0.1	-0.2	-0.0	-1.9	46.3	1254.2		J	0.1	-0.2	-0.0	2.1		
-23.9	-1017.4							61.6	1837.8								
479356.5	2402268.1	활하중 Max	I	8.9		11.7	184.8	415551.0	2373405.6	활하중 Max	I	10.8		12.0	284.9		
479356.5	2402268.1	250432.5	J	8.9		11.7	223.9	415551.0	2373405.6	219031.2	J	10.8		12.0	345.6		
585881.7	2524901.7	242445.7	Min	I	-9.7	-7.7	-277.7	-382966.8	570037.8	1977821.2	218643.9	Min	I	-11.6	-7.7	-176.4	-453058.2
-1558348.0	-212871.4		J	-9.7	-7.7	-247.9	-336421.6	-1579051.5	-245222.2		J	-11.6	-7.7	-121.3	-294032.5		
-1555862.3	-216577.3							-1590701.1	-255461.7								
1173951.8	112640.3	합성전~2	I	-1.0	15.0	-384.5	-63004.0	27132.8	1013740.0	합성전~2	I	-1.0	15.0	402.2			
1173951.8	112640.3		J	-1.0	15.0	-295.8	-66519.0	27132.8	1013740.0	-102180.8	J	-1.0	15.0	548.5			
1803219.7	84970.0							21147.8	-483544.0	-149381.6							
24	1	2 합성후~1	I	-415.8	1.1	-60.1	-15092.6	28	1	4 합성후~1	I	-518.3	-0.5	188.5	-20827.1		
491138.8	-3911.6		J	-450.4	1.1	20.8	-15092.6	-402933.7	-15923.0		J	-552.8	-0.5	269.0	-20827.1		
589735.1	-9657.5							-1546819.6	-13286.2								

61.2	1838.5	단위모~1	I	0.1	-0.2	-0.0	5.9
				J	0.1	-0.2	5.9
76.2	2700.9						
437288.9	1993057.0	활하중	Max	I	11.3	10.8	315.4
				J	11.3	10.8	408.5
609131.0	1205452.3	218779.2	Min	I	-12.1	-6.9	-181.5
-1587515.6	-255409.0			J	-12.1	-6.9	-104.6
-1828871.7	-273683.5						-295616.5
31387.8	-484441.1	합성전~2	I	-0.9	13.2	580.6	
				J	-0.9	13.2	817.7
21887.8	-3980336.1	-215567.3					
29	1	4 합성후~1	I	-552.6	-0.9	285.7	17365.6
-1550161.7	-13569.5		J	-556.8	-0.9	295.4	17365.6
-1724473.8	-13009.2						
75.7	2701.6	단위모~1	I	0.1	-0.2	-0.0	11.6
				J	0.1	-0.2	11.6
76.1	2794.1						
516233.9	1223116.1	활하중	Max	I	11.8	9.0	379.0
				J	11.8	9.0	390.5
534993.2	1127134.1	218833.2	Min	I	-12.6	-5.6	-145.8
-1825394.8	-273528.3			J	-12.6	-5.6	-139.2
-1890363.8	-275683.5						-474880.5
18012.4	-3979998.9	합성전~2	I	-0.7	10.7	844.1	
				J	-0.7	10.7	872.6
16872.4	-4495003.3	-221999.5					
30	1	5 합성후~1	I	-556.8	-0.9	295.4	17365.6
-1724473.8	-13009.2		J	-587.1	-0.9	366.2	17365.6
-3179862.2	-8900.3						
76.1	2794.1	단위모~1	I	0.1	-0.2	-0.0	11.6
				J	0.1	-0.2	11.6
79.4	3472.0						
534993.2	1127134.1	활하중	Max	I	11.8	9.0	390.5
				J	11.8	9.0	479.8
694569.4	570356.0	220876.0	Min	I	-12.6	-5.6	-139.2
-1890363.8	-275683.5			J	-12.6	-5.6	-99.1
-2672610.8	-292441.8						-341557.1
16872.4	-4495003.3	합성전~2	I	-0.7	10.7	872.6	
				J	-0.7	10.7	1095.2
8512.4	-8824022.3	-269183.7					
31	1	5 합성후~1	I	-587.2	-0.5	381.7	58244.0
-3183440.1	-8989.1		J	-604.4	-0.5	421.9	58244.0
-4187927.0	-7734.6						
17.0	79.0	단위모~1	I	0.1	-0.1	0.0	0.0
				J	0.1	-0.1	0.0
17.0	76.7	3800.6					
577317.1	576929.8	활하중	Max	I	12.4	6.8	448.6
				J	12.4	6.8	506.6
691472.3	589417.2	219481.9	Min	I	-13.2	-4.1	-130.3
-2665132.6	-292216.9			J	-13.2	-4.1	-106.2
-3347228.5	-297018.8						-397579.8
-8821629.5	-269189.1	합성전~2	I	-0.4	7.6	1103.0	-18862.5
				J	-0.4	7.6	1229.5
-1.17e+007	-288305.4						-23612.5
32	1	5 합성후~1	I	307.6	1.6	-377.0	
150581.5	-2372039.8	-7726.8	J	290.4	1.6	-336.7	
150581.5	-1479907.0	-11782.4					

29.7	125.3	3801.6	단위모~1	I	0.1	-0.1	0.0
					0.1	-0.1	0.0
29.7	90.1	4006.1					
351309.1	594619.8	219328.5	활하중	Max	I	6.3	4.1
				J	6.3	4.1	75.2
439171.1	667832.2	212684.1	Min	I	-6.1	-3.7	-529.1
-3329682.9	-296783.4			J	-6.1	-3.7	-472.3
-2487945.9	-291473.2						-621328.7
-1.17e+007	-288316.7	합성전~2	I	-0.4	1.2	-1515.5	-84807.1
				J	-0.4	1.2	-1389.1
-8102207.9	-291295.7						-89557.1
33	1	5 합성후~1	I	290.4	1.8	-334.2	
158292.1	-1480582.2	-11833.8	J	260.3	1.8	-264.1	
158292.1	-179343.3	-19491.6					
32.5	89.9	4007.1	단위모~1	I	0.1	-0.1	0.0
					0.1	-0.1	0.0
32.5	27.6	4258.8					
300250.0	673282.0	212543.9	활하중	Max	I	5.7	4.4
				J	5.7	4.4	112.8
478308.2	1053303.6	196485.2	Min	I	-5.5	-4.9	-500.0
-2482184.4	-291257.8			J	-5.5	-4.9	-415.0
-1581745.4	-273570.5						-573540.6
-8102500.7	-291311.7	합성전~2	I	-0.1	-2.0	-1370.9	-86181.3
				J	-0.1	-2.0	-1150.8
-2617808.2	-282717.0						-94446.3
34	1	4 합성후~1	I	260.3	1.8	-264.1	
158292.1	-179343.3	-19491.6	J	255.9	1.8	-253.7	
158292.1	-11067.8	-20635.9					
32.5	27.6	4258.8	단위모~1	I	0.1	-0.1	0.0
					0.1	-0.1	0.0
32.5	18.3	4296.4					
478308.2	1053303.6	196485.2	활하중	Max	I	5.7	4.4
				J	5.7	4.4	127.2
527496.5	1141926.6	194091.0	Min	I	-5.5	-4.9	-415.0
-1581745.4	-273570.5			J	-5.5	-4.9	-404.1
-1504085.8	-270932.2						-553304.0
-2617808.2	-282717.0	합성전~2	I	-0.1	-2.0	-1150.8	-94446.3
				J	-0.1	-2.0	-1120.0
-1879797.8	-281432.7						-95681.3
35	1	4 합성후~1	I	256.0	1.2	-258.3	
139486.6	-9422.9	-20807.0	J	221.5	1.2	-177.8	
139486.6	1080959.1	-26846.8					
31.4	18.4	4297.4	단위모~1	I	0.1	-0.0	0.0
					0.1	-0.0	0.0
31.4	-47.0	4483.5					
298926.0	1151959.8	193964.4	활하중	Max	I	5.2	5.1
				J	5.2	5.1	164.4
595725.3	2081092.7	171798.5	Min	I	-4.9	-6.4	-426.9
-1499939.8	-270737.5			J	-4.9	-6.4	-340.8
-1175725.8	-242032.3						-459985.1
-1884138.2	-281456.6	합성전~2	I	0.2	-4.7	-1076.3	-46054.4
				J	0.2	-4.7	-839.2
2904552.3	-257736.4						-55554.4
36	1	3 합성후~1	I	221.7	0.4	-188.5	
103661.9	1084093.3	-27161.7	J	187.2	0.4	-108.0	
103661.9	1825240.4	-29195.6					

25.8	-46.5	단위모~1 4484.7	I	0.1	-0.0	0.0	-124.4	4371.0	단위모~1	I	0.1	0.1	-0.0	-16.5
25.8	-97.5	4578.9	J	0.1	-0.0	0.0	-101.3	3874.0	J	0.1	0.1	-0.0	-16.5	
319407.4	2094145.1	활하중 Max 171644.7	I	4.7	5.9	97.3	359564.3	3225273.8	활하중 Max 86262.7	I	3.0	6.5	200.9	
599170.7	2834465.2	145592.6	J	4.7	5.9	191.1	565567.8	2876342.2	56750.3	J	3.0	6.5	301.1	
-1175022.2	-241820.6	Min I	-4.4	-7.8	-370.7	-536163.3	-652360.6	-123174.6	Min I	-2.7	-9.1	-240.3	-559565.4	
-1005611.9	-206374.4	J	-4.4	-7.8	-275.4	-357024.3	-468668.2	-81157.4	J	-2.7	-9.1	-136.5	-304128.6	
2899110.8	-257769.5	합성전~2	I	0.4	-6.9	-790.5	149923.7	8739678.8	합성전~2 -135575.3	I	0.7	-9.3	63.5	
6271296.6	-223262.0	J	0.4	-6.9	-558.4	-2850.7	140423.7	7822338.2	-89198.1	J	0.7	-9.3	303.4	
37	1	3 합성후~1	I	187.5	-0.4	-122.6	41	1	2 합성후~1	I	85.1	-1.7	77.4	-85400.4
1829372.3	-29632.1	J	166.1	-0.4	-72.7	56437.4	2097808.6	-16517.7	J	72.3	-1.7	107.2	-85400.4	
2131994.5	-28408.5	단위모~1	I	0.1	0.0	0.0	-100.2	3875.6	단위모~1	I	0.1	0.2	-0.0	-28.8
14.9	-96.6	4580.1	J	0.1	0.0	0.0	-85.8	3510.7	J	0.1	0.2	-0.0	-28.8	
342048.3	2848212.0	활하중 Max 145434.5	I	4.2	6.4	122.6	443679.5	2892279.7	활하중 Max 56568.2	I	2.4	6.0	249.5	
501153.7	3137261.1	127565.9	J	4.2	6.4	179.2	490662.0	2668371.9	46564.7	J	2.4	6.0	284.9	
-1003740.0	-206157.7	Min I	-3.9	-8.8	-325.7	-516294.9	-467881.6	-80932.5	Min I	-2.1	-8.4	-204.8	-585765.3	
-900351.6	-181265.5	J	-3.9	-8.8	-263.1	-358210.2	-406848.9	-66618.7	J	-2.1	-8.4	-160.9	-475281.8	
6265845.7	-223303.6	합성전~2	I	0.5	-8.4	-509.3	175990.2	7819225.3	합성전~2 -89256.2	I	0.6	-8.6	346.0	
7621601.6	-197311.0	J	0.5	-8.4	-365.4	53567.9	172475.2	7096999.1	-73289.6	J	0.6	-8.6	434.8	
38	1	2 합성후~1	I	166.1	-0.4	-72.7	42	1	1 합성후~1	I	72.3	-1.7	107.2	-85400.4
2131994.5	-28408.5	J	153.0	-0.4	-42.1	56437.4	1927105.4	-13300.8	J	50.6	-1.7	157.9	-85400.4	
2240997.7	-27658.5	단위모~1	I	0.1	0.0	0.0	-85.8	3510.7	단위모~1	I	0.1	0.2	-0.0	-28.8
14.9	-114.4	4569.5	J	0.1	0.0	0.0	-61.2	2889.4	J	0.1	0.2	-0.0	-28.8	
501153.7	3137261.1	활하중 Max 127565.9	I	4.2	6.4	179.2	490662.0	2668371.9	활하중 Max 46564.7	I	2.4	6.0	284.9	
609075.3	3219630.8	116628.6	J	4.2	6.4	218.0	604491.7	2103132.5	29563.0	J	2.4	6.0	355.2	
-900351.6	-181265.5	Min I	-3.9	-8.8	-263.1	-358210.2	-406848.9	-66618.7	Min I	-2.1	-8.4	-160.9	-475281.8	
-837012.6	-166023.6	J	-3.9	-8.8	-228.1	-279939.8	-303158.1	-42281.6	J	-2.1	-8.4	-92.0	-291131.7	
7621601.6	-197311.0	합성전~2	I	0.5	-8.4	-365.4	172475.2	7096999.1	합성전~2 -73289.6	I	0.6	-8.6	434.8	
8229198.5	-181380.0	J	0.5	-8.4	-274.2	49957.9	166490.2	5502257.9	-46103.1	J	0.6	-8.6	577.8	
39	1	2 합성후~1	I	153.3	-1.1	-57.5	43	1	1 합성후~1	I	51.0	-1.7	152.8	-107466.6
2245492.7	-28193.8	J	118.8	-1.1	23.0	5065.6	1511592.6	-8523.3	J	16.5	-1.7	233.3	-107466.6	
5065.6	2331968.4	-22876.3	단위모~1	I	0.1	0.0	546471.1	-181.0	단위모~1	I	0.1	0.3	-0.0	-33.2
-0.3	-124.0	4564.4	J	0.1	0.0	0.0	-60.8	2891.0	J	0.1	0.3	-0.0	-33.2	
-0.3	-125.8	4369.5	J	0.1	0.0	0.0	-16.2	1161.3	J	0.1	0.3	-0.0	-33.2	
333388.0	3233509.0	활하중 Max 116467.4	I	3.6	6.7	159.6	501661.3	2123439.4	활하중 Max 29361.2	I	1.7	5.0	307.6	
590248.2	3210071.9	86430.4	J	3.6	6.7	257.2	686103.2	767995.8	76344.4	J	1.7	5.0	432.1	
-835901.2	-165805.5	Min I	-3.3	-9.2	-279.0	-543329.1	-302100.8	-42035.0	Min I	-1.5	-7.0	-146.6	-520704.5	
-652950.8	-123394.5	J	-3.3	-9.2	-179.5	-294560.6	-170450.7	-10494.4	J	-1.5	-7.0	-56.0	-207916.1	
8223994.8	-181428.6	합성전~2	I	0.6	-9.2	-224.0	180824.9	5501002.3	합성전~2 -46163.3	I	0.5	-7.2	611.4	
99935.7	8744052.8	-135521.3	J	0.6	-9.2	16.0	171324.9	1876848.7	-10154.2	J	0.5	-7.2	838.3	
40	1	2 합성후~1	I	119.2	-1.5	8.2	44	1	1 합성후~1	I	16.9	-0.8	239.5	-93807.2
2336348.5	-23487.5	J	84.7	-1.5	88.7	-44990.6	545276.5	-984.6	J	2.4	-0.8	273.3	-93807.2	
2094272.4	-15849.4	단위모~1	I	0.1	0.0	0.0	6917.5	740.1	단위모~1	I	0.1	0.2	-0.0	-28.8

-16.6	1163.2	단위모~1	I	0.0	0.6	-0.0	-28.3	9.5	-1058.6	단위모~1	I	0.1	0.3	-0.0	-54.7
2.5	-1.7		J	0.0	0.6	-0.0	-28.3	134.2	-2500.1		J	0.1	0.3	-0.0	-54.7
511104.4	785783.4	활하중 Max	I	0.9		3.5	391.1	357473.1	1004786.0	활하중 Max	I	1.2		4.7	64.6
619574.9	8624.8	6988.3	J	0.9		3.5	454.5	383155.8	2511222.5	13634.6	J	1.2		4.7	164.0
-164031.1	-9876.3	933.8	Min	I	-0.8	-4.9	-78.0	-120944.7	-10364.3	49313.6	Min	I	-0.9	-8.0	-464.5
-139419.4	-975.7		J	-0.8	-4.9	-47.1	-200980.8	-302441.8	-29892.7		J	-0.9	-8.0	-349.7	-549438.2
153803.9	1878378.9	합성전~2	I	0.4	-4.9		854.7	2085802.0	10909.8	합성전~2	I	0.8	-7.9	-887.1	8067.7
149813.9	-16661.5	-10222.4	J	0.4	-4.9		950.1	5958764.3	50564.3		J	0.8	-7.9	-662.1	5567.7
45	1	1 합성후~1	I	2.8	0.0	-6.4		49	1	6 합성후~1	I	-1.7	-2.0	-121.6	113600.4
0.0	-1288.0	0.0	J	0.0	0.0	0.0		1210264.0	5092.2		J	-1.7	-2.0	-98.9	113285.4
0.0	-0.0	0.0						1557433.7	11275.8						
0.0	0.0	단위모~1	I	0.0	0.0	0.0				단위모~1	I	0.1	0.2	-0.0	-21.0
0.0	0.0	0.0	J	0.0	0.0	0.0		131.3	-2496.2		J	0.1	0.2	-0.0	-21.0
0.0	0.0	0.0						187.1	-2976.2						
0.0	0.0	활하중 Max	I	0.0	0.0	0.0		324704.3	2508782.6	활하중 Max	I	1.6		5.6	110.6
0.0	0.0	0.0	J	0.0	0.0	0.0		341610.9	3102906.9	50076.5	J	1.6		5.6	183.1
-455031.0	-88570.5	0.0	Min	I	0.0	0.0	-221.4	-302241.8	-31169.4	77228.6	Min	I	-1.3	-9.5	-363.0
-0.0	-0.0	-0.0	J	0.0	0.0	0.0		-429321.0	-46225.8		J	-1.3	-9.5	-299.3	-449279.7
760.0	-3631.0	합성전~2	I	0.0	0.0	-18.2		5954396.1	50380.5	합성전~2	I	0.9	-9.4	-593.5	55499.5
0.0	-0.0	0.0	J	0.0	0.0	0.0		7600651.9	79839.4		J	0.9	-9.4	-451.8	53924.5
46	1	6 합성후~1	I	0.0	0.0	0.0		50	1	7 합성후~1	I	-1.7	-2.0	-98.9	113285.4
0.0	0.0	0.0	J	0.0	0.0	2.9		1557433.7	11275.8		J	-1.7	-2.0	-85.6	113100.4
-40.0	-576.0	0.0						1728027.0	14907.4						
0.0	0.0	단위모~1	I	0.0	0.0	0.0		187.1	-2976.2	단위모~1	I	0.1	0.2	-0.0	-21.0
0.0	0.0	-0.0	J	0.0	0.0	0.0		219.8	-3258.1		J	0.1	0.2	-0.0	-21.0
0.0	0.0	0.0	활하중 Max	I	0.0	0.0	0.0	341610.9	3102906.9	활하중 Max	I	1.6		5.6	183.1
45392.4	0.0	0.0	J	0.0	0.0	221.4		351212.1	3370530.1	77228.6	J	1.6		5.6	227.9
-0.0	-0.0	-0.0	Min	I	0.0	0.0	0.0	-429321.0	-46225.8	93236.3	Min	I	-1.3	-9.5	-299.3
-0.0	-88570.5	-0.0	J	0.0	0.0	0.0		-506150.7	-55123.1		J	-1.3	-9.5	-267.7	-449279.7
0.0	0.0	합성전~2	I	0.0	0.0	0.0		7600651.9	79839.4	합성전~2	I	0.9	-9.4	-451.8	53924.5
-200.0	-3599.0	0.0	J	0.0	0.0	18.0		8354982.8	97140.6		J	0.9	-9.4	-363.7	52999.5
47	1	6 합성후~1	I	-0.5	-0.4	-204.3	109537.0	51	1	7 합성후~1	I	-2.2	-2.0	-58.9	79381.8
-10158.8	-1502.9		J	-0.5	-0.4	-189.2	109327.0	1730977.7	13445.0		J	-2.2	-2.0	-28.7	78961.8
403033.8	-672.1							1915022.8	21923.8						
4.9	4.3	단위모~1	I	0.0	0.5	-0.0	-55.6	8.2	217.3	단위모~1	I	0.1		0.1	-0.0
9.6	-1063.2		J	0.0	0.5	-0.0	-55.6	8.2	229.5	-3254.5	J	0.1		0.1	-0.0
312854.0	38793.9	활하중 Max	I	0.6		3.7	50.0	250081.7	3365763.7	활하중 Max	I	2.0		6.0	152.1
323393.5	1004153.0	1897.3	J	0.6		3.7	75.3	266812.5	3711349.0	93923.9	J	2.0		6.0	238.7
-105989.2	-1856.1	12255.5	Min	I	-0.5	-5.8	-548.1	-505880.2	-56338.3	132870.6	Min	I	-1.8	-10.2	-308.0
-121154.7	-8543.8		J	-0.5	-5.8	-479.8	-490732.0	-679386.7	-78037.0		J	-1.8	-10.2	-229.9	-291596.7
-2387.1	-188.3	합성전~2	I	0.5	-5.4	-1042.6	-13893.8	8350883.6	96958.9	합성전~2	I	1.0	-10.0	-297.6	99857.6
2087812.0	11114.8		J	0.5	-5.4	-948.1	-14943.8	9181154.8	138889.0		J	1.0	-10.0	-97.7	97757.6
48	1	6 합성후~1	I	-1.1	-1.8	-179.5	128032.9	52	1	7 합성후~1	I	-2.2	-2.0	-28.7	78961.8
401398.3	-2331.2		J	-1.1	-1.8	-143.5	127532.9	1915022.8	21923.8		J	-2.2	-2.0	-22.9	78881.8
1209044.5	6547.6							1935679.0	23538.8						

8.2	229.5	-3582.9	단위모~1	I	0.1	0.1	-0.0
8.2	231.8	-3645.5		J	0.1	0.1	-0.0
266812.5	3711349.0	132870.6	활하중 Max	I	2.0	6.0	238.7
270089.0	3759240.4	140299.6		J	2.0	6.0	256.8
-679386.7	-78037.0		Min	I	-1.8	-10.2	-229.9
-712444.5	-82205.4			J	-1.8	-10.2	-216.5
							-291596.7
							-291556.9
9181154.8	138889.0		합성전~2	I	1.0	-10.0	-97.7
9244123.7	146875.7			J	1.0	-10.0	-59.7
							97757.6
53	1	7	합성후~1	I	-2.8	-2.0	5.0
1939646.2	22091.8			J	-2.8	-2.0	8.6
1936268.0	23069.1						33491.8
21.0	230.7	-3642.1	단위모~1	I	0.1	0.0	0.0
21.0	226.6	-3663.4		J	0.1	0.0	0.0
217497.9	3753177.8	140956.6	활하중 Max	I	2.5	6.1	207.7
219752.4	3766377.3	145642.5		J	2.5	6.1	216.1
-711877.6	-83364.8		Min	I	-2.2	-10.3	-267.2
-732539.7	-85989.3			J	-2.2	-10.3	-257.1
							-174015.9
							-172420.1
132157.0	9241078.8	146701.0	합성전~2	I	1.0	-10.0	3.4
131907.0	9233425.5	151703.5		J	1.0	-10.0	27.2
54	1	7	합성후~1	I	-2.8	-2.0	8.6
1936268.0	23069.1			J	-2.8	-2.0	31.6
1872023.3	29323.8						33171.8
21.0	226.6	-3663.4	단위모~1	I	0.1	0.0	0.0
21.0	200.7	-3799.8		J	0.1	0.0	0.0
219752.4	3766377.3	145642.5	활하중 Max	I	2.5	6.1	216.1
233296.6	3776213.0	175658.4		J	2.5	6.1	274.1
-732539.7	-85989.3		Min	I	-2.2	-10.3	-257.1
-864826.0	-102899.7			J	-2.2	-10.3	-198.2
							-163837.8
131907.0	9233425.5	151703.5	합성전~2	I	1.0	-10.0	27.2
130307.0	8902717.6	183719.4		J	1.0	-10.0	179.5
55	1	7	합성후~1	I	-2.8	-2.0	31.6
1872023.3	29323.8			J	-2.8	-2.0	41.0
1824863.9	31864.7						33041.8
21.0	200.7	-3799.8	단위모~1	I	0.1	0.0	0.0
21.0	190.1	-3855.2		J	0.1	0.0	0.0
233296.6	3776213.0	175658.4	활하중 Max	I	2.5	6.1	274.1
239488.5	3744812.9	187863.7		J	2.5	6.1	299.7
-864826.0	-102899.7		Min	I	-2.2	-10.3	-198.2
-918590.8	-109805.5			J	-2.2	-10.3	-176.5
							-161123.9
130307.0	8902717.6	183719.4	합성전~2	I	1.0	-10.0	179.5
129657.0	8629169.7	196725.9		J	1.0	-10.0	241.4
56	1	7	합성후~1	I	-3.3	-1.8	68.4
1829028.9	30434.5			J	-3.3	-1.8	82.1
1686002.9	33855.6						-14750.9

			단위모~1	I	0.1	0.0	0.0
20.6	190.2	-3852.1		J	0.1	0.0	0.0
20.6	163.1	-3904.9					
262712.4	3739200.2	활하중 188505.9	Max	I	2.9	5.9	258.5
270493.0	3602359.4	205672.9		J	2.9	5.9	291.5
-917589.8	-110860.5		Min	I	-2.7	-9.9	-236.2
-996807.4	-120685.5			J	-2.7	-9.9	-196.1
							-163138.8
144151.1	8627900.7	합성전~2 196561.1		I	1.0	-9.5	304.5
143201.1	7963512.1	214571.1		J	1.0	-9.5	394.9
57	1	8 합성후~1	I	-3.3	-1.8	82.1	-14750.9
1686002.9	33855.6		J	-3.3	-1.8	104.4	-15060.9
1396844.7	39437.6						
20.6	163.1	단위모~1 -3904.9	I	0.1	0.0	0.0	0.0
20.6	119.0	-3991.0	J	0.1	0.0	0.0	0.0
270493.0	3602359.4	활하중 205672.9	Max	I	2.9	5.9	291.5
284179.3	3284489.5	233712.6		J	2.9	5.9	350.1
-996807.4	-120685.5		Min	I	-2.7	-9.9	-196.1
-1126124.8	-136741.5			J	-2.7	-9.9	-138.3
							-152118.8
143201.1	7963512.1	합성전~2 214571.1		I	1.0	-9.5	394.9
141651.1	6518196.0	243955.7		J	1.0	-9.5	537.6
58	1	8 합성후~1	I	-3.9	-1.6	129.3	-58093.5
1400609.6	38026.6		J	-3.9	-1.6	165.3	-58593.5
663997.5	45900.6						
15.2	119.5	단위모~1 -3988.1	I	0.1	0.0	0.0	0.0
15.2	32.5	-4088.2	J	0.1	0.0	0.0	0.0
405365.9	3280311.5	활하중 234346.0	Max	I	3.4	5.5	319.0
405365.9	2398118.0	275563.5		J	3.4	5.5	398.8
-1124524.0	-137786.0		Min	I	-3.1	-9.1	-205.9
-1344485.2	-161936.0			J	-3.1	-9.1	-107.5
							-216410.2
128153.6	6519376.0	합성전~2 243804.4		I	1.0	-8.3	599.5
125653.6	2946451.0	285547.3		J	1.0	-8.3	829.7
59	1	9 합성후~1	I	-4.4	-1.3	187.8	-90046.8
666749.1	44510.1		J	-4.4	-1.3	223.8	-90546.8
-362249.2	50863.3						
10.2	33.0	단위모~1 -4085.5	I	0.1	0.0	0.0	0.0
10.2	-63.0	-4131.2	J	0.1	0.0	0.0	0.0
531880.4	2396148.2	활하중 276190.3	Max	I	3.8	4.8	407.9
531880.4	1273162.4	310689.4		J	3.8	4.8	479.3
-1342033.3	-162971.3		Min	I	-3.6	-7.7	-178.9
-1764997.7	-184179.6			J	-3.6	-7.7	-76.9
							-340505.7
81669.2	2950298.1	합성전~2 285412.6		I	0.8	-6.5	901.0
79169.2	-2142723.1	317689.6		J	0.8	-6.5	1136.2
60	1	9 합성후~1	I	-5.0	-0.9	242.2	-104759.0
-361006.4	49505.5		J	-5.0	-0.9	246.9	-104824.0
-519983.9	50069.3						

6.0	-62.7	-4128.8	단위모~1	I	0.1	-0.0	0.0	-163.8	-3652.7	단위모~1	I	0.1	-0.2	-0.0	-17.1		
6.0	-74.7	-4121.2		J	0.1	-0.0	0.0	-106.1	-2981.1		J	0.1	-0.2	-0.0	-17.1		
609016.4	1277427.1	311301.0	활하중 Max	I	4.3	4.1	505.1	469802.2	600877.3	활하중 Max	I	6.1	9.7	94.4			
611496.6	1146507.2	314458.6		J	4.3	4.1	515.2	480748.4	1252549.5	310765.3		J	6.1	9.7	137.2		
-1760792.9	-185195.2		Min	I	-4.1	-5.7	-123.7	-475838.9	-3214862.7	-211759.5	Min	I	-6.1	-6.5	-576.6	-591566.9	
-1870094.0	-187363.4			J	-4.1	-5.7	-108.2	-472911.5	-2159553.0	-208752.3		J	-6.1	-6.5	-493.0	-575664.2	
17934.9	-2137367.9	317574.4	합성전~2	I	0.6	-3.6	1217.4	-9464087.5	313400.5	합성전~2	I	-0.7	12.3	-1213.1	-102853.2		
17609.9	-2938593.5	319914.0		J	0.6	-3.6	1247.9	-4612353.9	259358.9		J	-0.7	12.3	-992.2	-105053.2		
61	1	10	합성후~1	I	-5.0	-0.9	246.9	-104824.0	65	1	9	합성후~1	I	-7.0	1.8	-184.2	-13380.2
-519983.9	50069.3			J	-5.0	-0.9	278.2	-105259.0	-946443.2	37289.1		J	-7.0	1.8	-179.9	-13440.2	
-1662210.1	53842.4							-837221.8	36183.1								
6.0	-74.7	-4121.2	단위모~1	I	0.1	-0.0	0.0	-106.1	-2981.1	단위모~1	I	0.1	-0.2	-0.0	-17.1		
6.0	-155.2	-4069.9		J	0.1	-0.0	0.0	-98.2	-2889.5		J	0.1	-0.2	-0.0	-17.1		
611496.6	1146507.2	314458.6	활하중 Max	I	4.3	4.1	515.2	480748.4	1252549.5	310765.3	활하중 Max	I	6.1	9.7	137.2		
627781.5	712122.5	335770.1		J	4.3	4.1	597.4	483401.5	1397939.4	307582.2		J	6.1	9.7	144.1		
-1870094.0	-187363.4		Min	I	-4.1	-5.7	-108.2	-472911.5	-2159553.0	-208752.3	Min	I	-6.1	-6.5	-493.0	-575664.2	
-3067663.0	-202039.2			J	-4.1	-5.7	-46.4	-458948.0	-2071390.8	-208727.0		J	-6.1	-6.5	-482.6	-575323.8	
17609.9	-2938593.5	319914.0	합성전~2	I	0.6	-3.6	1247.9	-4612353.9	259358.9	합성전~2	I	-0.7	12.3	-992.2	-105053.2		
15434.9	-8841991.3	335571.6		J	0.6	-3.6	1466.3	-4025470.4	251989.6		J	-0.7	12.3	-964.0	-105353.2		
62	1	10	합성후~1	I	-5.6	0.1	284.6	-95232.6	66	1	9	합성후~1	I	-7.6	2.4	-161.1	1530.8
-1663088.5	52408.2			J	-5.6	0.1	302.6	-95482.6	-838531.0	34910.7		J	-7.6	2.4	-125.1	1030.8	
-2396978.5	52148.3							-123033.8	22686.4								
-154.6	-4067.6		단위모~1	I	0.1	-0.0	0.0	-0.5	-98.9	-2887.8	단위모~1	I	0.1	-0.2	-0.0	-8.9	
-188.7	-3955.4			J	0.1	-0.0	0.0	-0.5	-43.6	-2004.1		J	0.1	-0.2	-0.0	-8.9	
626154.1	712599.0	336382.9	활하중 Max	I	4.8	3.9	630.1	349423.0	1400590.3	308006.5	활하중 Max	I	6.6	11.9	115.4		
638069.7	646150.3	342401.2		J	4.8	3.9	683.8	360339.3	2350048.3	274181.7		J	6.6	11.9	199.3		
-3062823.2	-203084.6		Min	I	-4.6	-3.8	-67.2	-540229.7	-2067561.6	-209542.4	Min	I	-6.7	-7.9	-455.7	-465940.6	
-4213242.9	-209343.8			J	-4.6	-3.8	-43.6	-532523.0	-1770359.1	-208441.6		J	-6.7	-7.9	-375.4	-453394.5	
-37951.1	-8837324.8	335469.2	합성전~2	I	0.3	0.2	1521.0	-4028131.4	251935.1	합성전~2	I	-0.9	15.0	-880.9	-74913.4		
-39201.1	-1.28e+007	334883.7		J	0.3	0.2	1646.4	-211643.6	176756.9		J	-0.9	15.0	-645.7	-77413.4		
63	1	10	합성후~1	I	-6.4	1.5	-240.0	-37044.5	67	1	8	합성후~1	I	-8.1	2.8	-101.9	77.7
-2402092.0	50625.4			J	-6.4	1.5	-222.0	-37294.5	-122950.0	21432.1		J	-8.1	2.8	-79.2	-237.3	
-1824469.9	46800.1							162280.3	12466.6								
-187.5	-3953.0		단위모~1	I	0.1	-0.1	-0.0	-15.3	-44.6	-2002.6	단위모~1	I	0.1	-0.2	-0.0	1.8	
-164.0	-3654.7			J	0.1	-0.1	-0.0	-15.3	-22.7	-1401.1		J	0.1	-0.2	-0.0	1.8	
533934.4	646054.1	343058.4	활하중 Max	I	5.4	6.9	91.9	238356.5	2346484.6	274565.5	활하중 Max	I	7.1	13.3	133.6		
545232.7	600596.7	334815.8		J	5.4	6.9	108.8	250497.5	2738934.3	255268.5		J	7.1	13.3	191.7		
-4213470.4	-210458.9		Min	I	-5.4	-4.5	-664.3	-618587.9	-1767581.1	-209247.6	Min	I	-7.2	-8.8	-362.5	-320949.2	
-3219158.0	-210740.8			J	-5.4	-4.5	-610.0	-605945.4	-1713206.2	-212712.9		J	-7.2	-8.8	-312.5	-311037.8	
-1.28e+007	334788.3		합성전~2	I	-0.4	8.5	-1393.6	-103257.1	-215174.5	176717.1	합성전~2	I	-1.0	16.7	-571.4	-37048.2	
-9463947.0	313477.4			J	-0.4	8.5	-1268.1	-104507.1	1356407.0	124093.1		J	-1.0	16.7	-426.4	-38623.2	
64	1	10	합성후~1	I	-7.0	1.8	-215.9	-12940.2	68	1	7	합성후~1	I	-8.1	2.8	-79.2	-237.3
-1826599.9	45399.8			J	-7.0	1.8	-184.2	-13380.2	162280.3	12466.6		J	-8.1	2.8	-65.9	-422.3	
-946443.2	37289.1							296496.6	7201.2								

190.4	3552.2	단위모~1	I	0.1	-0.1	-0.0	2.4	31.9	62.4	단위모~1	I	0.1	0.0	0.0	
214.0	3852.7		J	0.1	-0.1	-0.0	2.4	31.9	-52.1	4012.0	J	0.1	0.0	0.0	
579017.6	586674.5	활하중 Max	I	10.1		7.4	611.0	342483.4	1288288.2	활하중 Max	I	3.9	5.6	76.9	
590796.6	635414.0	231983.1	J	10.1		7.4	665.1	205704.0			J	3.9	5.6	178.9	
-3231479.2	-313686.5	231993.0	Min	I	-10.0	-4.5	-108.0	367674.1	2424340.0	181179.2	Min	I	-3.9	-7.3	-479.2
-4211993.1	-320454.9		J	-10.0	-4.5	-91.5	-559296.9	-1750753.8	-289768.5		J	-3.9	-7.3	-409.2	
-9516248.7	-303453.7	합성전~2	I	-0.1	8.6	1262.6	-77725.1	-1328421.9	-256809.9						
-1.28e+007	-324991.8		J	-0.1	8.6	1388.1	-78975.1	-2128046.0	-309236.6	합성전~2	I	0.3	-6.2	-1142.1	
77	1	10	합성후~1	I	4.5	-1.4	-325.5	2994468.8	-278065.3		J	0.3	-6.2	-906.9	
-2494242.4	-90302.0		J	4.5	-1.4	-307.5	141925.0	81	1	8	합성후~1	I	3.1	-2.8	
-1703093.6	-86725.8							776273.6	-62546.6		J	3.1	-2.8	-167.4	
22.8	211.9	단위모~1	I	0.1	-0.0		0.0	1523424.3	-48320.8					105837.0	
22.8	171.1	3854.9	J	0.1	-0.0		0.0	1523424.3	-48320.8					105337.0	
507322.7	633578.1	232005.6	Max	I	4.9	3.9	43.0	32.0	-52.1	단위모~1	I	0.1	0.0	0.0	
517708.0	699832.7	225009.8	J	4.9	3.9	65.6		32.0	-159.3	4014.6	J	0.1	0.0	0.0	
-4219206.1	-320310.8		Min	I	-5.0	-3.8	-682.7	256914.4	2419825.5	181112.3	Max	I	3.5	6.3	
-3049147.2	-314035.3		J	-5.0	-3.8	-629.1	-643634.8	284305.3	3303133.5	152888.4	J	3.5	6.3	107.7	
-1.28e+007	-325076.7	합성전~2	I	-0.4	0.4	-1650.7	-97468.7	-1326137.7	-256633.7		Min	I	-3.5	-8.6	
-8860184.9	-326058.8		J	-0.4	0.4	-1525.2	-98718.7	-1107931.2	-217535.3		J	-3.5	-8.6	-398.5	
78	1	10	합성후~1	I	4.0	-2.6	-297.4	2988770.4	-278191.8	합성전~2	I	0.5	-8.1	-355217.1	
-1704295.2	-87934.0		J	4.0	-2.6	-266.1	155675.7	6576565.5	-237644.5		J	0.5	-8.1	-398.5	
-478599.5	-76453.9							1807783.7	-41059.4	합성후~1	I	2.6	-2.7	-37523.5	
30.0	170.5	단위모~1	I	0.1	-0.0		0.0	1527456.8	-49396.4		J	2.6	-2.7	-35023.5	
30.0	76.6	3973.7	J	0.1	-0.0		0.0	1807783.7	-41059.4					-101.6	
448174.9	699942.1	225029.0	Max	I	4.3	4.7	45.7	1807783.7	-41059.4	단위모~1	I	0.1	0.0	59254.5	
463125.5	1158308.6	208217.9	J	4.3	4.7	107.2		29.3	-159.0	3930.3	J	0.1	0.0	58944.5	
-3045395.5	-313911.0		Min	I	-4.4	-5.6	-596.9	29.3	-214.1	3852.4				-79.3	
-1862880.9	-293009.7		J	-4.4	-5.6	-516.9	-616133.7	29.3	-214.1	3852.4	J	0.1	0.0	58944.5	
-8862053.3	-326151.2	합성전~2	I	-0.0	-3.4	-1473.1	-77308.4	210803.6	3297434.6	152813.9	Max	I	3.1	6.7	
-2928930.9	-311343.0		J	-0.0	-3.4	-1254.8	-79483.4	228454.7	3612255.4	133949.6	J	3.1	6.7	138.5	
79	1	9	합성후~1	I	4.0	-2.6	-266.1	-1106592.2	-217351.6		Min	I	-3.0	-9.3	
-478599.5	-76453.9		J	4.0	-2.6	-261.4	155175.7	-978364.7	-190841.8		J	-3.0	-9.3	-349.7	
-307149.6	-74738.4	합성전~2	I	-0.0	-3.4	-1473.1	-77308.4	6571559.0	-237788.4	합성전~2	I	0.6	-9.2	-214274.8	
30.0	76.6	4034.3	J	-0.0	-3.4	-1254.8	-79483.4	8016510.0	-209178.6		J	0.6	-9.2	-349.7	
30.0	62.6	4043.3						83	1	7	합성후~1	I	2.6	-2.7	
463125.5	1158308.6	208217.9	Max	I	4.3	4.7	107.2	1807783.7	-41059.4	단위모~1	I	0.1	0.0	-79.3	
466089.3	1291055.7	205757.0	J	4.3	4.7	123.1		1945396.9	-35949.6		J	2.6	-2.7	58944.5	
-1862880.9	-293009.7		Min	I	-4.4	-5.6	-516.9			단위모~1	I	0.1	0.0	58754.5	
-1754107.9	-289933.1	합성전~2	I	-0.0	-3.4	-1254.8	-79483.4	29.3	-214.1	3852.4	J	0.1	0.0	58754.5	
-2928930.9	-311343.0		J	-0.0	-3.4	-1224.2	-79808.4	29.3	-247.9	3804.6				-65.6	
-2123263.7	-309130.3	합성후~1	I	3.5	-2.9	-233.8	138672.4				Max	I	3.1	6.7	
80	1	9						228454.7	3612255.4	133949.6	J	3.1	6.7	196.6	
-305704.7	-75864.3		J	3.5	-2.9	-197.8	138172.4	239497.4	3748104.9	122401.0	Min	I	-3.0	-9.3	
773443.9	-61446.5	208217.9						-978364.7	-190841.8		J	-3.0	-9.3	-291.1	
		205757.0	Min	I	-4.4	-5.6	-516.9	-899827.1	-174607.2					-212526.5	
		합성전~2	I	-0.0	-3.4	-1254.8	-79483.4			합성전~2	I	0.6	-9.2	-258.4	
			J	-0.0	-3.4	-1224.2	-79808.4	8016510.0	-209178.6		J	0.6	-9.2	-212526.5	
		합성후~1	I	3.5	-2.9	-233.8	138672.4	8680675.0	-191643.6					-394.8	
			J	3.5	-2.9	-197.8	138172.4	84	1	7	합성후~1	I	2.2	-2.5	
								1950128.9	-37006.9		J	2.2	-2.5	-35.7	
								4175.7	2038657.1	-24564.7				4675.7	
														0.3	

18.1	-246.9	3807.7	단위모~1		I	0.1	0.0	0.0	-161.6	2489.5	단위모~1		I	0.1	0.3	-0.0	-90.5		
18.1	-296.9	3607.9			J	0.1	0.0	0.0	-7.7	1057.5			J	0.1	0.3	-0.0	-90.5		
228580.1	3742128.1	122319.5	활하중	Max	I	2.7	6.9	177.0	581343.6	2471984.6	31450.7	활하중	Max	I	1.2	5.4	349.3		
250415.5	3744405.5	91057.2			J	2.7	6.9	268.2	581343.6	1011282.1	9335.8			J	1.2	5.4	466.0		
-899175.0	-174420.4			Min	I	-2.5	-9.6	-299.4	-177195.6	-297491.7	-45071.2			Min	I	-1.1	-7.5	-163.0	-338447.3
-694684.8	-130141.6			J	-2.5	-9.6	-207.4	-163368.0	-121529.9	-12455.2			J	-1.1	-7.5	-63.2	-336081.5		
8677021.8	-191801.5			합성전~2	I	0.7	-9.8	-239.3	131512.8	134850.9	5965893.1			합성전~2	I	0.6	-7.7	663.6	
9278878.6	-143045.0			J	0.7	-9.8	-1.4	129012.8	132350.9	2085338.8	-10625.7			J	0.6	-7.7	888.6		
85	1	7	합성후~1	I	1.8	-2.2	28.8	-50655.5	89	1	6	합성후~1	I	0.4	-0.6	194.9	-115443.6		
2043454.7	-25608.2			J	1.8	-2.2	64.8	-51155.5	434783.2	-124.6			J	0.4	-0.6	210.1	-115653.6		
1809504.4	-14360.3					단위모~1	I	0.1	0.1	-0.0	-8.3			단위모~1	I	0.0	0.5	-0.0	-87.2
-294.6	3611.1			J	0.1	0.1	-0.0	-8.3	-8.0	1061.7			J	0.0	0.5	-0.0	-87.2		
-276.3	3232.8					단위모~1	I	0.1	0.1	-0.0	-8.3			J	0.0	0.5	-0.0	-87.2	
344149.3	3738860.0	90959.4	활하중	Max	I	2.2	6.8	217.2	509124.7	1013219.6	7907.5	활하중	Max	I	0.7	3.7	482.3		
356637.1	3345087.3	60233.5			J	2.2	6.8	308.7	509124.7	23552.2	1935.2			J	0.7	3.7	550.5		
-694488.6	-129946.1			Min	I	-2.1	-9.5	-256.2	-223387.5	-121476.1	-11017.5			Min	I	-0.6	-5.3	-75.6	-298131.2
-491314.8	-86221.0			J	-2.1	-9.5	-151.5	-211550.5	-110505.5	-1975.7			J	-0.6	-5.3	-50.8	-298131.2		
153848.1	9276705.5			합성전~2	I	0.7	-9.7	61.9	97308.1	2088401.6	-10828.1			합성전~2	I	0.4	-5.2	953.0	
151348.1	8372410.4	-94540.6			J	0.7	-9.7	299.8	96258.1	-11990.8	186.6			J	0.4	-5.2	1047.4		
86	1	7	합성후~1	I	1.4	-1.9	91.2	-97025.6	90	1	6	합성후~1	I	0.0	0.0	0.0	-2.9		
1813517.6	-15394.7			J	1.4	-1.9	104.5	-97210.6	40.0	-576.0	-0.0			J	0.0	0.0	0.0		
1632563.4	-11801.2					단위모~1	I	0.1	0.2	-0.0	-49.9			단위모~1	I	0.0	0.0	0.0	
-272.6	3236.3			J	0.1	0.2	-0.0	-49.9	0.0	0.0	0.0			J	0.0	0.0	0.0		
-232.8	2958.7					단위모~1	I	0.1	0.2	-0.0	-49.9			J	0.0	0.0	0.0		
498789.3	3341646.0	60097.9	활하중	Max	I	1.7	6.3	268.1	0.0	0.0	0.0	활하중	Max	I	0.0	0.0	0.0		
498789.3	3068985.1	49535.5			J	1.7	6.3	299.9	0.0	0.0	0.0			J	0.0	0.0	0.0		
-491461.8	-85996.2			Min	I	-1.6	-8.9	-227.1	-293317.1	-45392.4	-88570.5	-0.0			Min	I	0.0	0.0	-221.4
-416444.5	-70923.1			J	-1.6	-8.9	-182.3	-292633.3	-0.0	-0.0	-0.0			J	0.0	0.0	0.0		
156006.4	8372002.0			합성전~2	I	0.7	-9.1	365.2	200.0	-3599.0	0.0			합성전~2	I	0.0	0.0	-18.0	
155081.4	7615024.2	-77844.9			J	0.7	-9.1	453.2	0.0	-0.0	-0.0			J	0.0	0.0	0.0		
87	1	6	합성후~1	I	1.4	-1.9	104.5	-97210.6	91	1	6	합성후~1	I	0.0	0.0	0.0	0.0		
1632563.4	-11801.2			J	1.4	-1.9	127.2	-97525.6	0.0	0.0	0.0			J	0.0	0.0	2.9		
1267752.0	-5682.5					단위모~1	I	0.1	0.2	-0.0	-49.9			단위모~1	I	0.0	0.0	0.0	
-232.8	2958.7			J	0.1	0.2	-0.0	-49.9	0.0	0.0	0.0			J	0.0	0.0	0.0		
-165.1	2486.0					단위모~1	I	0.1	0.2	-0.0	-49.9			J	0.0	0.0	0.0		
498789.3	3068985.1	49535.5	활하중	Max	I	1.7	6.3	299.9	0.0	0.0	0.0	활하중	Max	I	0.0	0.0	0.0		
498789.3	2472615.6	31697.5			J	1.7	6.3	363.7	410745.8	0.0	0.0			J	0.0	0.0	442.9		
-416444.5	-70923.1			Min	I	-1.6	-8.9	-182.3	-292633.3	-0.0	-0.0	-0.0			Min	I	0.0	0.0	0.0
-297328.0	-45395.5			J	-1.6	-8.9	-109.9	-292633.3	-364246.3	-177141.1	-0.0			J	0.0	0.0	0.0		
155081.4	7615024.2	-77844.9			I	0.7	-9.1	453.2	0.0	0.0	0.0			합성전~2	I	0.0	0.0	0.0	
153506.4	5964261.5	-49116.1			J	0.7	-9.1	594.9	-200.0	-3599.0	0.0			J	0.0	0.0	18.0		
88	1	6	합성후~1	I	0.9	-1.5	148.9	-126050.2	92	1	6	합성후~1	I	0.0	-1.1	-185.8	53342.6		
1270247.4	-6700.5			J	0.9	-1.5	184.9	-126550.2	-5242.9	-329.2			J	0.0	-1.1	-170.7	53132.6		
435756.3	994.3					단위모~1	I	0.1	0.1	-0.0	-8.3			단위모~1	I	0.0	0.5	-0.0	-87.2

321.3	-28.1	단위모~1 4.5	I	0.1	0.3	-0.3				147.3	322.2	단위모~1 -1257.5	I	0.1	0.1	0.1	
321.3	580.2	-615.2	J	0.1	0.3	-0.3				147.3	93.3	-1471.9	J	0.1	0.1	0.1	
671641.6	64765.0	활하중 1806.8	Max	I	1.0	4.9	47.5			683639.8	4030421.9	활하중 107859.8	Max	I	2.9	5.9	267.5
668782.0	1376289.0	15725.0	J	1.0	4.9	97.6				690603.6	4369221.9	146860.8	J	2.9	5.9	440.6	
-188996.3	-1845.5	Min	I	-0.8	-7.7	-780.7	-760644.0			-511147.8	-65155.1	Min	I	-2.6	-10.1	-497.9	-739636.1
-156679.9	-10886.7	J	-0.8	-7.7	-644.1	-726499.1				-689862.3	-86776.9	J	-2.6	-10.1	-331.2	-715541.5	
-11022.9	-366.6	합성전~2	I	0.7	-7.1	-1053.2	84795.2			8405708.9	109929.0	합성전~2	I	1.1	-10.0	-299.8	146182.7
2101429.4	14447.0	J	0.7	-7.1	-958.7	83745.2				9245233.4	152093.5	J	1.1	-10.0	-99.9	144082.7	
93	1	6 합성후~1	I	0.0	-1.6	-160.2	65509.7			97	1	7 합성후~1	I	-0.0	-1.7	-23.3	50517.3
368051.3	1546.6	J	0.0	-1.6	-124.2	65009.7				1690552.0	24931.2	J	-0.0	-1.7	-17.5	50437.3	
1079019.6	9716.6									1706868.2	26308.1						
377.3	575.3	단위모~1 -610.4	I	0.1	0.1	-0.0				147.3	93.3	단위모~1 -1471.9	I	0.1	0.1	0.1	
377.3	618.3	-1056.1	J	0.1	0.1	-0.0				147.3	49.7	-1512.7	J	0.1	0.1	0.1	
752865.2	1379699.7	활하중 16664.8	Max	I	1.8	5.6	83.3			690603.6	4369221.9	146860.8	Max	I	2.9	5.9	440.6
763903.3	3109605.4	60118.0	J	1.8	5.6	303.2				705227.4	4367180.4	154291.8	J	2.9	5.9	476.9	
-156190.0	-12655.4	Min	I	-1.5	-9.5	-679.7	-832310.8			-689862.3	-86776.9	Min	I	-2.6	-10.1	-331.2	-715541.5
-312672.4	-36570.8	J	-1.5	-9.5	-441.6	-819678.0				-723903.7	-90898.8	J	-2.6	-10.1	-304.4	-724346.8	
2098297.7	14049.1	합성전~2	I	1.0	-9.4	-891.6	119575.6			9245233.4	152093.5	합성전~2	I	1.1	-10.0	-99.9	144082.7
5994051.2	60936.2	J	1.0	-9.4	-666.7	117075.6				9309964.8	160124.8	J	1.1	-10.0	-61.9	143682.7	
94	1	6 합성후~1	I	0.0	-1.7	-107.8	63908.1			98	1	7 합성후~1	I	-0.1	-1.7	1.9	29531.0
1079116.3	9395.2	J	0.0	-1.7	-85.1	63593.1				1708697.5	25986.1	J	-0.1	-1.7	5.5	29481.0	
1383018.2	14833.0									1706858.7	26835.2						
277.0	627.1	단위모~1 -1052.0	I	0.1	0.0	0.1				30.5	59.9	단위모~1 -1508.8	I	0.1	0.1	0.0	
277.0	427.8	-1184.0	J	0.1	0.0	0.1				30.5	46.8	-1546.6	J	0.1	0.1	0.0	
725737.7	3110458.0	활하중 60905.8	Max	I	2.3	5.9	195.8			666393.8	4367966.8	155075.7	Max	I	3.5	5.9	303.5
732026.6	3814485.7	89985.7	J	2.3	5.9	340.7				661901.3	4390640.1	159714.0	J	3.5	5.9	322.2	
-313345.0	-38061.6	Min	I	-2.1	-10.1	-546.9	-803574.8			-723163.0	-92346.8	Min	I	-3.2	-10.1	-467.2	-644202.7
-433945.0	-54193.0	J	-2.1	-10.1	-419.5	-788787.4				-745256.9	-94907.3	J	-3.2	-10.1	-445.1	-634188.1	
5991817.9	60579.0	합성전~2	I	1.1	-9.9	-596.2	142607.6			131966.3	9310990.0	159777.0	I	1.2	-10.1	2.6	
7646789.8	91893.7	J	1.1	-9.9	-454.5	141032.6				131716.3	9303733.2	164823.1	J	1.2	-10.1	26.4	
95	1	7 합성후~1	I	0.0	-1.7	-85.1	63593.1			99	1	7 합성후~1	I	-0.1	-1.7	5.5	29481.0
1383018.2	14833.0	J	0.0	-1.7	-71.8	63408.1				1706858.7	26835.2	J	-0.1	-1.7	28.5	29161.0	
1528200.2	18026.6									1652466.4	32269.0						
277.0	427.8	단위모~1 -1184.0	I	0.1	0.0	0.1				30.5	46.8	단위모~1 -1546.6	I	0.1	0.1	0.0	
277.0	310.8	-1261.5	J	0.1	0.0	0.1				30.5	-37.6	-1788.5	J	0.1	0.1	0.0	
732026.6	3814485.7	활하중 89985.7	Max	I	2.3	5.9	340.7			661901.3	4390640.1	159714.0	Max	I	3.5	5.9	322.2
750125.7	4029260.6	107076.1	J	2.3	5.9	430.2				669419.5	4358399.2	189403.7	J	3.5	5.9	450.9	
-433945.0	-54193.0	Min	I	-2.1	-10.1	-419.5	-788787.4			-745256.9	-94907.3	Min	I	-3.2	-10.1	-445.1	-634188.1
-511640.6	-63699.3	J	-2.1	-10.1	-354.0	-801443.6				-886658.7	-111305.5	J	-3.2	-10.1	-314.1	-615337.7	
7646789.8	91893.7	합성전~2	I	1.1	-9.9	-454.5	141032.6			131716.3	9303733.2	164823.1	I	1.2	-10.1	26.4	
8406239.6	110284.9	J	1.1	-9.9	-366.5	140107.6				130116.3	8975562.3	197118.7	J	1.2	-10.1	178.7	
96	1	7 합성후~1	I	-0.0	-1.7	-53.5	50937.3			100	1	7 합성후~1	I	-0.1	-1.7	28.5	29161.0
1529291.6	17702.9	J	-0.0	-1.7	-23.3	50517.3				1652466.4	32269.0	J	-0.1	-1.7	37.9	29031.0	
1690552.0	24931.2									1609309.5	34476.5						

30.5	-37.6	-1788.5	단위모~1	I	0.1	0.1	0.0	-22.2	-2949.9	단위모~1	I	0.1	0.1	-0.0	-145.8		
30.5	-71.9	-1886.8		J	0.1	0.1	0.0	-1.3	-3547.8		J	0.1	0.1	-0.0	-145.8		
669419.5	4358399.2	189403.7	활하중	Max	I	3.5	5.9	450.9	876343.1	2864978.8	297322.6	활하중	Max	I	5.4	5.8	491.5
685690.0	4256242.7	201466.8		J	3.5	5.9	507.9	884466.2	1731758.9	342760.4		J	5.4	5.8	649.7		
-886658.7	-111305.5		Min	I	-3.2	-10.1	-314.1	-615337.7	-1452538.5	-173624.7	Min	I	-5.0	-9.9	-344.1	-720391.7	
-944103.7	-117969.3			J	-3.2	-10.1	-266.1	-621552.0	-2035101.4	-199765.9		J	-5.0	-9.9	-140.2	-716560.2	
130116.3	8975562.3	197118.7	합성전~2	I	1.2	-10.1	178.7	2990164.3	311919.7	합성전~2	I	1.4	-10.0	909.9	-5386.6		
129466.3	8703045.0	210238.7		J	1.2	-10.1	240.6	-2147391.1	361748.5		J	1.4	-10.0	1145.1	-7886.6		
101	1	7	합성후~1	I	-0.1	-1.7	57.4	4715.2	105	1	9	합성후~1	I	-0.3	-1.3	214.2	-54825.6
1611436.9	34156.5			J	-0.1	-1.7	71.1	4525.2	-315179.4	57977.8		J	-0.3	-1.3	218.8	-54890.6	
1489351.6	37360.2								-455907.9	58809.7							
-57.3	-64.2	-1883.0	단위모~1	I	0.1	0.1	0.0	-150.9	-0.8	-3544.6	단위모~1	I	0.1	0.1	0.0	0.0	
-57.3	-68.9	-2071.8		J	0.1	0.1	0.0	-150.9	-17.8	-3611.9		J	0.1	0.1	0.0	0.0	
753617.2	4257580.4	202258.7	활하중	Max	I	4.2	5.9	350.7	874704.4	1728413.4	343598.4	활하중	Max	I	6.0	5.0	609.2
747315.5	4147427.4	219976.3		J	4.2	5.9	416.6	868540.5	1601784.8	348671.5		J	6.0	5.0	628.0		
-943151.0	-119418.9		Min	I	-3.8	-10.2	-435.6	-621847.9	-2034477.1	-200491.7	Min	I	-5.6	-8.6	-221.2	-830580.7	
-1033332.4	-129157.9			J	-3.8	-10.2	-355.6	-598659.9	-2172166.7	-203430.6		J	-5.6	-8.6	-189.3	-827921.1	
101214.3	8705516.4	209901.5	합성전~2	I	1.3	-10.2	306.7	-2142947.6	361463.7	합성전~2	I	1.3	-8.2	1225.2	-58703.6		
100264.3	8036911.0	229315.2		J	1.3	-10.2	397.1	-2949239.2	366818.3		J	1.3	-8.2	1255.7	-59028.6		
102	1	8	합성후~1	I	-0.1	-1.7	71.1	4525.2	106	1	10	합성후~1	I	-0.3	-1.3	218.8	-54890.6
1489351.6	37360.2			J	-0.1	-1.7	93.4	4215.2	-455907.9	58809.7		J	-0.3	-1.3	250.2	-55325.6	
1234359.8	42587.4								-1476006.2	64377.1							
-57.3	-68.9	-2071.8	단위모~1	I	0.1	0.1	0.0	-150.9	-17.8	-3611.9	단위모~1	I	0.1	0.1	0.0	0.0	
-57.3	-76.6	-2379.7		J	0.1	0.1	0.0	-150.9	-131.5	-4061.8		J	0.1	0.1	0.0	0.0	
747315.5	4147427.4	219976.3	활하중	Max	I	4.2	5.9	416.6	868540.5	1601784.8	348671.5	활하중	Max	I	6.0	5.0	628.0
768488.2	3734468.6	248887.1		J	4.2	5.9	540.2	909723.2	852878.6	382633.5		J	6.0	5.0	769.0		
-1033332.4	-129157.9		Min	I	-3.8	-10.2	-355.6	-598659.9	-2172166.7	-203430.6	Min	I	-5.6	-8.6	-189.3	-827921.1	
-1180500.0	-145291.3			J	-3.8	-10.2	-238.0	-598605.8	-3593141.6	-223109.2		J	-5.6	-8.6	-55.8	-844004.0	
100264.3	8036911.0	229315.2	합성전~2	I	1.3	-10.2	397.1	-2949239.2	366818.3	합성전~2	I	1.3	-8.2	1255.7	-59028.6		
98714.3	6584715.0	260990.1		J	1.3	-10.2	539.8	-8886540.7	402653.1		J	1.3	-8.2	1474.1	-61203.6		
103	1	8	합성후~1	I	-0.2	-1.7	111.2	-19743.9	107	1	10	합성후~1	I	-0.4	-0.4	255.3	-58689.6
1236455.9	42270.0			J	-0.2	-1.7	147.2	-20243.9	-1475712.9	64051.0		J	-0.4	-0.4	273.3	-58939.6	
590325.0	50638.4								-2136357.0	64975.2							
-71.5	-2376.1		단위모~1	I	0.1	0.1	-0.0	-115.2	-115.9	-134.6	-4058.6	단위모~1	I	0.1	0.1	0.1	0.1
-24.9	-2953.4			J	0.1	0.1	-0.0	-115.2	-115.9	-369.2	-4188.0		J	0.1	0.1	0.1	0.1
834087.8	3735774.5	249692.5	활하중	Max	I	4.8	6.0	401.2	882079.1	853561.4	383542.7	활하중	Max	I	6.6	3.8	761.9
846048.1	2862400.5	296499.0		J	4.8	6.0	583.2	903290.9	679560.6	395075.2		J	6.6	3.8	867.4		
-1179450.1	-146508.8		Min	I	-4.4	-10.2	-401.9	-636875.1	-3592202.0	-223890.6	Min	I	-6.2	-5.3	-77.9	-882944.4	
-1453382.8	-172906.0			J	-4.4	-10.2	-205.3	-622813.1	-4910359.2	-231606.9		J	-6.2	-5.3	-38.3	-892593.5	
53535.3	6588667.1	260666.8	합성전~2	I	1.4	-10.3	605.6	-8884399.6	402369.4	합성전~2	I	1.0	-3.5	1521.0	-85730.8		
51035.3	2985229.0	312226.0		J	1.4	-10.3	835.8	-1.28e+007	411002.0		J	1.0	-3.5	1646.5	-86980.8		
104	1	9	합성후~1	I	-0.2	-1.6	163.7	-40424.7	108	1	10	합성후~1	I	-0.7	2.3	-213.4	-49707.5
592090.3	50324.0			J	-0.2	-1.6	199.7	-40924.7	-2137165.3	64630.6		J	-0.7	2.3	-195.4	-49957.5	
-316395.1	58286.8								-1626103.6	58776.0							

-376.3	-4184.8	단위모~1	I	0.1	-0.1	-0.1	-34.7
				J	0.1	-0.1	-34.7
-108.7	-3885.2	활하중	Max	I	7.2	9.5	88.3
			J		7.2	9.5	121.6
874262.8	679567.4	396058.9	Min	I	-7.1	-6.2	-850.0
866806.9	748292.1	379622.9		I	-7.1	-6.2	-903939.5
-4908445.8	-233297.8		J		-7.1	-6.2	-741.5
-3765151.0	-229160.6						-880516.6
-1.28e+007	410718.7	합성전~2	I	-0.3	12.3	-1384.3	-77769.0
			J	-0.3	12.3	-1258.9	-79019.0
-9540667.3	379892.8	합성후~1	I	-0.8	3.1	-191.2	-39532.1
			J	-0.8	3.1	-159.5	-39972.1
109	1	10	단위모~1	I	0.1	-0.2	-0.0
-1627015.0	58456.5			J	0.1	-0.2	-0.0
-855625.6	44863.3						8.3
-112.5	-3882.5	활하중	Max	I	8.0	13.7	103.2
			J		8.0	13.7	197.7
829465.2	748946.8	380545.3	Min	I	-7.9	-8.9	-751.8
817597.8	1765751.1	338226.3		I	-7.9	-8.9	-851061.4
-3765345.6	-230743.6		J		-7.9	-8.9	-593.0
-2484417.3	-217807.2						-818066.2
-9543315.9	379647.3	합성전~2	I	-0.7	17.0	-1213.0	-48701.0
			J	-0.7	17.0	-992.2	-50901.0
-4691830.5	304708.0	합성후~1	I	-0.8	3.1	-159.5	-39972.1
			J	-0.8	3.1	-155.2	-40032.1
110	1	9	단위모~1	I	0.1	-0.2	-0.0
-855625.6	44863.3			J	0.1	-0.2	-0.0
-761236.1	43009.6						8.3
57.9	-3127.6	활하중	Max	I	8.0	13.7	197.7
			J		8.0	13.7	227.9
817597.8	1765751.1	338226.3	Min	I	-7.9	-8.9	-593.0
820123.8	1893750.6	332779.0		I	-7.9	-8.9	-818066.2
-2484417.3	-217807.2		J		-7.9	-8.9	-575.6
-2371283.8	-216362.0						-817760.7
-4691830.5	304708.0	합성전~2	I	-0.7	17.0	-992.2	-50901.0
			J	-0.7	17.0	-964.0	-51201.0
-4104980.8	294489.0	합성후~1	I	-0.9	3.5	-142.8	-25091.9
			J	-0.9	3.5	-106.8	-25591.9
111	1	9	단위모~1	I	0.1	-0.2	-0.0
-762542.9	42713.6			J	0.1	-0.2	-0.0
-138755.0	25400.4						28.3
79.4	-3022.3	활하중	Max	I	8.6	15.2	153.3
			J		8.6	15.2	358.0
713250.8	1888372.9	333630.6	Min	I	-8.5	-9.8	-623.2
716284.0	2887716.5	284677.9		I	-8.5	-9.8	-793853.4
-2371278.9	-217836.7		J		-8.5	-9.8	-458.0
-1923923.4	-208902.7						-776426.4
-4108491.2	294278.4	합성전~2	I	-0.8	18.9	-885.8	-11054.2
			J	-0.8	18.9	-650.6	-13554.2
-267545.4	199929.9	합성후~1	I	-0.9	3.6	-93.2	-14397.0
			J	-0.9	3.6	-70.5	-14712.0
112	1	8	단위모~1	I	0.1	-0.2	-0.0
-139734.2	25105.4			J	0.1	-0.2	-0.0
118151.2	13663.4						8.3

35.7	103.6	단위모~1	I	0.1	-0.2	0.0
				J	0.1	-0.2
35.7	80.1	활하중	Max	I	9.2	15.5
			J		9.2	15.5
668001.6	2888151.0	285545.3	Min	I	-9.1	-10.1
671130.6	3377508.5	258631.2		I	-9.1	-10.1
-1922831.0	-210412.7		J		-9.1	-10.1
-1832300.2	-209628.9					
-269875.0	199735.0	합성전~2	I	-0.7	19.3	-578.1
			J	-0.7	19.3	-433.1
1322766.1	138794.9					11508.2
113	1	7	단위모~1	I	-0.9	3.6
118151.2	13663.4			J	-0.9	3.6
236307.7	6943.4					-70.5
35.7	80.1	활하중	Max	I	9.2	15.5
			J		9.2	15.5
671130.6	3377508.5	258631.2	Min	I	-9.1	-10.1
692909.9	3534289.8	245664.8		I	-9.1	-10.1
-1832300.2	-209628.9		J		-9.1	-10.1
-1779610.5	-212020.6					-363.0
1322766.1	138794.9	합성전~2	I	-0.7	19.3	-433.1
			J	-0.7	19.3	-345.1
2042576.5	103004.6					10583.2
114	1	7	단위모~1	I	-1.0	3.7
235715.4	6650.3			J	-1.0	3.7
359387.4	-12191.9					-42.7
37.8	66.1	활하중	Max	I	9.9	15.5
			J		9.9	15.5
659152.2	3535253.6	246360.1	Min	I	-9.8	-10.1
682614.2	3743898.0	222397.0		I	-9.8	-10.1
-1778385.1	-213374.2		J		-9.8	-10.1
-1675470.3	-221715.9					-304.7
2042138.8	102819.9	합성전~2	I	-0.7	19.4	-276.6
			J	-0.7	19.4	-37.5
2831420.0	5320.1					13080.0
115	1	7	단위모~1	I	-1.1	3.9
358962.4	-12484.5			J	-1.1	3.9
226302.9	-31906.4					8.3
38.0	13.4	활하중	Max	I	10.5	15.5
			J		10.5	15.5
706820.5	3745261.6	223561.7	Min	I	-10.4	-10.1
725257.9	3532497.0	217287.9		I	-10.4	-10.1
-1674141.8	-222954.9		J		-10.4	-10.1
-1767138.7	-241165.5					-261.2
2832721.2	5139.4	합성전~2	I	-0.6	19.4	30.7
			J	-0.6	19.4	269.8
2077731.0	-92354.2					-4303.3
116	1	7	단위모~1	I	-1.1	4.0
1647.2	225784.6	-32200.0		J	-1.1	4.0
1462.2	105258.7	-39508.3				58.5
						71.8

36.7	-37.0	단위모~1 956.6	I	0.1	-0.2	0.0			단위모~1 956.6	I	0.1	-0.2	-0.0	16.9			
			J	0.1	-0.2	0.0	-6.0	3020.8		J	0.1	-0.2	-0.0	16.9			
36.7	-48.4	1324.6					175.1	3776.2									
778644.5	3534407.7	활하중 Max 218128.0	I	11.2	15.4	363.1			활하중 Max 238903.1	I	12.5	13.8	593.7				
			J	11.2	15.4	427.8	827673.5	1728239.9		J	12.5	13.8	749.2				
770863.7	3374904.2	218985.7	Min	I	-11.0	-10.1	-421.0	-634823.8	855463.0	746895.6	252086.4	Min	I	-12.2	-8.9	-196.8	-835903.2
-1765759.6	-242141.8			J	-11.0	-10.1	-341.3	-612234.5	-2472699.6	-317161.1			J	-12.2	-8.9	-101.8	-850435.6
-1816075.2	-251006.7								-3757142.7	-353101.0							
2080300.3	-92536.5	합성전~2	I	-0.6	19.3	339.7	-33673.4		합성전~2	I	-0.2	17.0	998.5	-104534.1			
			J	-0.6	19.3	427.8	-34598.4		-4623310.4	-294229.3		J	-0.2	17.0	1219.3	-106734.1	
1370356.9	-128322.2								-9502424.0	-369241.8							
117	1	8 합성후~1	I	-1.1	4.0	71.8			121	1	10 합성후~1	I	-1.1	2.4	198.7		
1462.2	105258.7	-39508.3	J	-1.1	4.0	94.5			32473.9	-1659308.4	-89594.8	J	-1.1	2.4	216.7		
1147.2	-156661.0	-51952.1							32223.9	-2178493.7	-95600.5						
36.7	-48.4	단위모~1 1324.6	I	0.1	-0.2	0.0			단위모~1 1324.6	I	0.1	-0.1	-0.1	-19.6			
			J	0.1	-0.2	0.0			178.3	3778.5		J	0.1	-0.1	-0.1	-19.6	
36.7	-67.8	1951.1							449.5	4078.9							
770863.7	3374904.2	활하중 Max 218985.7	I	11.2	15.4	427.8			활하중 Max 252647.3	I	13.2	10.0	743.8				
			J	11.2	15.4	554.4	851623.9	747247.1		J	13.2	10.0	852.3				
790324.6	2884277.0	221756.6	Min	I	-11.0	-10.1	-341.3	-612234.5	872901.9	669900.9	259362.0	Min	I	-12.8	-6.4	-115.9	-891401.7
-1816075.2	-251006.7			J	-11.0	-10.1	-218.7	-613066.9	-3756234.6	-353439.7			J	-12.8	-6.4	-82.0	-900789.9
-1902729.6	-268804.7								-4910040.5	-368043.0							
1370356.9	-128322.2	합성전~2	I	-0.6	19.3	427.8	-34598.4		합성전~2	I	0.2	12.4	1279.3				
			J	-0.6	19.3	572.8	-36173.4		-107619.8	-9502350.6	-369473.7	J	0.2	12.4	1404.7		
-205483.8	-189254.5								-108869.8	-1.29e+007	-400426.0						
118	1	9 합성후~1	I	-1.2	3.9	107.6			122	1	10 합성후~1	I	0.5	-1.1	-279.9	59955.6	
10055.5	-157440.8	-52248.1	J	-1.2	3.9	143.6			-2178044.4	-95947.2		J	0.5	-1.1	-261.9	59705.6	
9555.5	-785355.3	-71703.3							-1500904.0	-93148.9							
		단위모~1	I	0.1	-0.2	-0.0	31.9				단위모~1	I	0.1	0.0	0.1		
-67.4	1953.0		J	0.1	-0.2	-0.0	31.9		-85.2	465.8	4081.5	J	0.1	0.0	0.1		
-32.0	2915.8								-85.2	217.5	3956.7						
821874.1	2886752.8	활하중 Max 222490.0	I	11.8	15.1	458.6			활하중 Max 259880.0	I	6.6	4.3	35.5				
			J	11.8	15.1	622.5	866633.6	667848.6		J	6.6	4.3	75.6				
833958.2	1857740.6	236611.4	Min	I	-11.6	-9.8	-357.1	-720398.0	858673.5	853391.0	251147.2	Min	I	-6.8	-5.1	-871.0	-920789.1
-1901670.4	-269564.8			J	-11.6	-9.8	-153.6	-720099.0	-4916130.7	-368323.9			J	-6.8	-5.1	-763.9	-897684.2
-2358095.9	-311960.1								-3586781.8	-357285.9							
-202309.3	-189444.4	합성전~2	I	-0.5	18.9	649.0	-72466.5		합성전~2	I	-0.4	-3.3	-1658.5	-45714.4			
			J	-0.5	18.9	884.1	-74966.5		-1.29e+007	-400691.5		J	-0.4	-3.3	-1533.0	-46964.4	
-4035251.7	-283798.1								-8877681.9	-392471.9							
119	1	9 합성후~1	I	-1.2	3.5	156.4			123	1	10 합성후~1	I	0.6	-2.3	-254.5	71228.2	
21840.7	-786430.7	-72001.0	J	-1.2	3.5	160.7			-1501911.1	-93478.5		J	0.6	-2.3	-223.2	70793.2	
21780.7	-881555.0	-74073.7							-462760.5	-83433.2							
		단위모~1	I	0.1	-0.2	-0.0	16.9				단위모~1	I	0.1	0.1	0.0		
-30.7	2917.8		J	0.1	-0.2	-0.0	16.9		-114.5	220.1	3959.3	J	0.1	0.1	0.0		
-6.0	3020.8								-114.5	72.0	3520.3						
832839.2	1854149.5	활하중 Max 237216.7	I	12.5	13.8	576.3			활하중 Max 251632.8	I	5.8	6.1	54.6				
			J	12.5	13.8	593.7	832409.6	853610.8		J	5.8	6.1	188.3				
827673.5	1728239.9	238903.1	Min	I	-12.2	-8.9	-227.0	-838646.8	818807.3	1612465.9	227736.9	Min	I	-6.0	-8.3	-771.9	-887407.4
-2357231.1	-312335.2			J	-12.2	-8.9	-196.8	-835903.2	-3587266.6	-357555.5			J	-6.0	-8.3	-627.3	-848167.5
-2472699.6	-317161.1								-2169489.5	-324536.8							
-4032693.2	-284000.4	합성전~2	I	-0.2	17.0	970.3	-104234.1		합성전~2	I	0.1	-8.0	-1473.3	7854.5			
			J	-0.2	17.0	998.5	-104534.1		-8882473.8	-392741.0		J	0.1	-8.0	-1255.0	5679.5	
-4623310.4	-294229.3								-2948303.2	-357824.6							
120	1	10 합성후~1	I	-1.2	3.5	160.7			124	1	9 합성후~1	I	0.6	-2.3	-223.2	70793.2	
21780.7	-881555.0	-74073.7	J	-1.2	3.5	192.4			-462760.5	-83433.2		J	0.6	-2.3	-218.5	70728.2	
21340.7	-1658333.6	-89273.5							-319185.1	-81932.1							

-114.5	72.0	단위모~1 3520.3	I	0.1	0.1	0.0	-23.4	-37.8	단위모~1 2015.9	I	0.1	0.1	0.0		
-114.5	49.9	3454.7	J	0.1	0.1	0.0	-23.4	-63.1	1832.4	J	0.1	0.1	0.0		
818807.3	1612465.9	활하중 Max 227736.9	I	5.8	6.1	188.3	675866.8	4135304.6	활하중 Max 143290.7	I	4.0	7.0	356.2		
821221.3	1757921.8	224170.0	J	5.8	6.1	219.9	698097.5	4249361.6	131256.7	J	4.0	7.0	436.3		
-2169489.5	-324536.8	Min	I	-6.0	-8.3	-627.3	-848167.5	-1039847.9	-204034.3	Min	I	-4.1	-9.7	-415.9	-663397.2
-2032767.5	-319606.9		J	-6.0	-8.3	-608.6	-852811.4	-949254.9	-187018.7		J	-4.1	-9.7	-350.5	-670717.9
-2948303.2	-357824.6	합성전~2	I	0.1	-8.0	-1255.0	5679.5	7992150.3	-223499.5	합성전~2	I	0.5	-10.0	-395.8	135801.4
-2142479.5	-352607.3		J	0.1	-8.0	-1224.4	5354.5	8658363.8	-204542.9		J	0.5	-10.0	-305.4	134851.4
125	1	9 합성후~1	I	0.6	-2.7	-202.8	73448.1	129	1	7 합성후~1	I	0.4	-2.4	-37.7	15745.9
-319422.4	-82246.1		J	0.6	-2.7	-166.8	72948.1	1648936.6	-43541.1		J	0.4	-2.4	-1.7	15245.9
604595.4	-68764.2							1747424.8	-31732.2						
-105.6	49.1	단위모~1 3457.4	I	0.1	0.1	0.0	47.1	-69.3	1835.5	I	0.1	0.1	0.0		
-105.6	19.8	2872.9	J	0.1	0.1	0.0	47.1	-242.0	1471.5	J	0.1	0.1	0.0		
741492.4	1752514.9	활하중 Max 224626.5	I	5.2	6.9	139.7	704552.0	4249960.8	활하중 Max 131753.2	I	3.4	7.0	266.8		
750086.5	2858961.0	193685.7	J	5.2	6.9	343.4	727510.9	4357479.8	100101.5	J	3.4	7.0	468.4		
-2033212.0	-319865.5	Min	I	-5.4	-9.5	-651.5	-841479.9	-948719.8	-187330.8	Min	I	-3.4	-9.7	-507.3	-611454.8
-1462451.8	-276163.0		J	-5.4	-9.5	-490.1	-827661.4	-725724.6	-142731.1		J	-3.4	-9.7	-302.8	-589850.8
-2148075.1	-352881.4	합성전~2	I	0.3	-9.7	-1140.3	69336.4	8658539.0	-204873.3	합성전~2	I	0.5	-9.8	-241.1	132857.5
2965736.6	-304195.3		J	0.3	-9.7	-905.2	66836.4	9269285.7	-155640.0		J	0.5	-9.8	-3.2	130357.5
126	1	8 합성후~1	I	0.5	-2.7	-149.4	65195.0	130	1	7 합성후~1	I	0.4	-2.2	19.0	-15026.4
605274.3	-69084.3		J	0.5	-2.7	-113.4	64695.0	1750073.5	-32060.4		J	0.4	-2.2	55.0	-15526.4
1262189.6	-55604.2							1565096.2	-21035.9						
-74.5	17.1	단위모~1 2875.8	I	0.1	0.1	0.0	134.7	-249.6	1474.6	I	0.1	0.0	0.1		
-74.5	7.9	2312.3	J	0.1	0.1	0.0	134.7	-533.5	1233.6	J	0.1	0.0	0.1		
682335.9	2859226.1	활하중 Max 194158.3	I	4.6	7.0	205.3	810331.5	4358801.1	활하중 Max 100598.2	I	2.8	7.1	305.7		
701318.3	3734198.4	162444.7	J	4.6	7.0	402.1	822034.4	4017124.3	68819.5	J	2.8	7.1	499.3		
-1461976.2	-276442.2	Min	I	-4.7	-9.8	-583.2	-779189.0	-725337.7	-143046.4	Min	I	-2.8	-9.7	-476.1	-623218.0
-1188362.7	-231504.5		J	-4.7	-9.8	-400.7	-762429.8	-509228.4	-98389.7		J	-2.8	-9.7	-266.8	-606647.4
2961373.4	-304492.7	합성전~2	I	0.4	-10.1	-832.0	116719.4	109339.5	9271124.8	합성전~2	I	0.6	-9.8	61.0	
6545879.7	-254113.1		J	0.4	-10.1	-601.8	114219.4	106839.5	8371212.9		J	0.6	-9.8	299.0	
127	1	8 합성후~1	I	0.5	-2.5	-94.5	44558.6	131	1	7 합성후~1	I	0.3	-2.1	74.4	-40773.1
1263951.8	-55927.6		J	0.5	-2.5	-72.2	44248.6	1567304.9	-21366.0		J	0.3	-2.1	87.7	-40958.1
1522310.4	-48045.7							1417419.6	-17541.6						
-23.4	3.4	단위모~1 2315.2	I	0.1	0.1	0.0	226.3	-541.5	1236.7	I	0.1	0.0	0.1		
-23.4	-37.8	2015.9	J	0.1	0.1	0.0	226.3	-644.7	1164.4	J	0.1	0.0	0.1		
671898.8	3734019.0	활하중 Max 162931.4	I	4.0	7.0	238.5	880249.2	4019289.9	활하중 Max 69297.4	I	2.2	7.0	355.1		
675866.8	4135304.6	143290.7	J	4.0	7.0	356.2	866438.1	3796941.5	57584.4	J	2.2	7.0	419.9		
-1187751.7	-231802.9	Min	I	-4.1	-9.7	-539.6	-688380.9	-509078.6	-98688.5	Min	I	-2.2	-9.7	-429.7	-683084.6
-1039847.9	-204034.3		J	-4.1	-9.7	-415.9	-663397.2	-429898.6	-82255.5		J	-2.2	-9.7	-340.1	-665960.2
6543856.8	-254428.7	합성전~2	I	0.5	-10.0	-538.5	137351.4	72675.4	8374201.4	합성전~2	I	0.6	-9.7	365.9	
7992150.3	-223499.5		J	0.5	-10.0	-395.8	135801.4	71750.4	7615890.5		J	0.6	-9.7	453.9	
128	1	7 합성후~1	I	0.5	-2.5	-72.2	44248.6	132	1	6 합성후~1	I	0.3	-2.1	87.7	-40958.1
1522310.4	-48045.7		J	0.5	-2.5	-58.5	44058.6	1417419.6	-17541.6		J	0.3	-2.1	110.4	-41273.1
1646459.2	-43214.9							1105509.5	-11029.8						

226.3	-644.7	1164.4	단위모~1	I	0.1	0.0	0.1	0.0	0.0	단위모~1	I	0.0	0.0	0.0
226.3	-820.3	1041.2		J	0.1	0.0	0.1	0.0	0.0		J	0.0	0.0	0.0
866438.1	3796941.5	활하중 Max 57584.4	I	2.2	7.0	419.9		0.0	0.0	0.0	활하중 Max 57584.4	I	0.0	0.0
872120.0	3095332.0	37811.2	J	2.2	7.0	547.3		0.0	0.0	0.0		J	0.0	221.4
-429898.6	-82255.5		Min	I	-2.2	-9.7	-340.1	-665960.2	0.0	0.0	0.0	Min	I	0.0
-305365.0	-54463.9		J	-2.2	-9.7	-195.3	-667164.5	-54249.4	-88570.5	-0.0		J	0.0	0.0
71750.4	7615890.5	합성전~2 -89472.6	I	0.6	-9.7	453.9		-0.0	-0.0	0.0	합성전~2 -89472.6	I	0.0	0.0
70175.4	5962857.9	-58957.9	J	0.6	-9.7	595.6		440.0	-3735.0	0.0		J	0.0	18.7
133	1	6 합성후~1	I	0.3	-1.9	127.0	-57181.5	137	1	11 합성후~1	I	-0.4	-3.4	18830.8
1106901.1	-11357.8		J	0.3	-1.9	163.0	-57681.5	-3584.2	-122.8			J	-0.4	22190.8
381771.9	-1950.8							340862.3	7020.7					
291.8	-826.0	단위모~1	I	0.1	0.1	-0.0				단위모~1	I	-0.1	-1.0	0.3
291.8	-685.7	1044.3	J	0.1	0.1	-0.0		-446.6	3.0		J	-0.1	-1.0	0.3
		612.0						-1027.9	2038.2					
875440.1	3097810.7	활하중 Max 38136.4	I	1.6	6.7	441.1		382008.8	19705.6	0.0	활하중 Max 38136.4	I	0.9	12.1
875646.1	1347289.1	9963.1	J	1.6	6.7	679.2		368614.2	998575.7	39551.6		J	0.9	67.7
-304800.9	-54594.3		Min	I	-1.5	-9.1	-302.9	-716572.2	-103173.6	-1040.6	Min	I	-1.5	-298922.4
-159474.9	-13841.5		J	-1.5	-9.1	-83.3	-714647.1	-103173.6	-1040.6		J	-1.5	-20.3	-304148.1
								-128068.4	-23570.3					
29116.7	5966449.7	합성전~2 -59311.8	I	0.6	-9.1	664.1		-20356.5	-239.2		합성전~2 -59311.8	I	-1.7	110095.2
26616.7	2083536.2	-13638.2	J	0.6	-9.1	889.1		-20356.5	-239.2			J	-1.7	112405.2
								1898572.1	40349.9					
134	1	6 합성후~1	I	0.2	-1.3	172.1	-53763.2	138	1	11 합성후~1	I	-0.6	-2.2	25181.2
381428.0	-2315.2		J	0.2	-1.3	187.2	-53973.2	340601.2	6887.3		J	-0.6	-108.7	33181.2
4154.3	336.8							995483.2	17748.6					
236.2	-680.8	단위모~1	I	0.1	0.3	-0.3		-1139.5	2041.3	단위모~1	I	-0.2	-0.3	-1388.8
236.2	-20.6	615.2	J	0.1	0.3	-0.3		-1139.5	2041.3		J	-0.2	-0.3	-1388.8
		-2.9						-1257.4	3681.7					
758707.1	1348688.0	활하중 Max 9247.2	I	0.8	4.9	640.5		415317.2	995643.8	0.0	활하중 Max 9247.2	I	1.4	59.7
774784.4	56460.2	2005.5	J	0.8	4.9	779.9		414902.9	2699472.1	40019.9		J	1.4	131.3
-159012.8	-13286.3		Min	I	-0.7	-6.9	-95.3	-128704.2	-24371.4	100047.2	Min	I	-2.2	-327832.9
-198949.4	-1947.5		J	-0.7	-6.9	-45.0	-659940.9	-128704.2	-24371.4		J	-2.2	-13.1	-345222.3
								-309252.8	-59079.7					
3513.2	2085554.2	합성전~2 -14036.2	I	0.5	-6.9	947.7		1895915.1	40089.7		합성전~2 -14036.2	I	-2.5	142802.6
2463.2	-3783.1	367.7	J	0.5	-6.9	1042.2		1895915.1	40089.7			J	-2.5	148302.6
								5567111.9	102584.5					
135	1	6 합성후~1	I	0.0	0.0	-2.9		139	1	11 합성후~1	I	-0.7	-1.5	27400.1
40.0	-576.0	0.0	J	0.0	0.0	0.0		995989.3	17628.6		J	-0.7	-1.5	32440.1
0.0	0.0	-0.0						1281745.1	22414.9					
0.0	0.0	단위모~1	I	0.0	0.0	0.0				단위모~1	I	-0.2	0.0	-801.4
0.0	0.0	0.0	J	0.0	0.0	0.0		-1308.8	3684.5		J	-0.2	0.0	-801.4
								-1123.8	3674.4					
364246.3	0.0	활하중 Max 0.0	I	0.0	0.0	0.0		357265.5	2695226.2	0.0	활하중 Max 0.0	I	1.9	101.0
0.0	0.0	0.0	J	0.0	0.0	0.0		357265.5	3373186.4	128086.6		J	1.9	163.2
-410745.8	-177141.1		Min	I	0.0	0.0	-442.9	357265.5	3373186.4	128086.6	Min	I	-2.8	-270191.4
-0.0	-0.0	-0.0	J	0.0	0.0	0.0		-308892.9	-59773.9		J	-2.8	-9.6	-327.3
								-439877.8	-75937.9				-9.6	-281494.8
200.0	-3599.0	합성전~2 0.0	I	0.0	0.0	-18.0		5567349.0	102350.8		합성전~2 0.0	I	-2.9	145605.9
0.0	-0.0	0.0	J	0.0	0.0	0.0		5567349.0	102350.8			J	-2.9	149070.9
								7184145.7	130806.5					
136	1	11 합성후~1	I	0.0	0.0	0.0		140	1	12 합성후~1	I	-0.7	-1.5	32440.1
-0.0	0.0	0.0	J	0.0	0.0	3.6		1281745.1	22414.9		J	-0.7	-1.5	35400.1
640.0	-712.0	0.0						1408407.5	25226.0					

-1123.8	3674.4	단위모~1	I	-0.2	0.0	-0.1	-801.4	-680.9	2725.6	단위모~1	I	-0.2	0.2	-0.1	-397.1	
-1015.1	3668.5		J	-0.2	0.0	-0.1	-801.4	-501.8	1965.9		J	-0.2	0.2	-0.1	-397.1	
357265.5	3373186.4	활하중 Max	I	1.9		5.7	163.2	208868.8	4066272.8	활하중 Max	I	3.1		4.7	221.1	
	128086.6		J	1.9		5.7	201.8		185740.0		J	3.1		4.7	275.5	
357265.5	3673577.0	144328.7	Min	I	-2.8	-9.6	-327.3	183815.7	4079833.9	208913.9	Min	I	-3.9	-7.9	-255.1	-157502.9
-439877.8	-75937.9		J	-2.8	-9.6	-297.8	-301287.9	-764635.8	-110529.8		J	-3.9	-7.9	-201.1	-165885.2	
-520724.9	-85435.3							-908791.0	-123847.9							
7184145.7	130806.5	합성전~2	I	-2.9	-9.0	-439.7	149070.9	8851192.9	189088.9	합성전~2	I	-3.3	-7.7	6.3	93362.5	
7913312.8	147518.6		J	-2.9	-9.0	-348.6	151105.9	8578752.4	213586.3		J	-3.3	-7.7	164.0	96882.5	
141	1	12 합성후~1	I	-0.8	-1.2	-55.3	23613.0	145	1	12 합성후~1	I	-0.9	-1.2	27.9	21219.9	
1409439.0	25105.0		J	-0.8	-1.2	-17.9	30333.0	1533844.8	35679.0		J	-0.9	-1.2	39.5	23299.9	
1563183.4	30320.6							1490075.0	37254.9							
-1038.4	3671.3	단위모~1	I	-0.2	0.2	-0.1	-534.8	-501.8	1965.9	단위모~1	I	-0.2	0.2	-0.1	-397.1	
-751.5	2974.3		J	-0.2	0.2	-0.1	-534.8	-429.1	1657.3		J	-0.2	0.2	-0.1	-397.1	
265604.4	3670351.0	활하중 Max	I	2.5		4.8	152.6	183815.7	4079833.9	208913.9	Max	I	3.1		275.5	
	144721.3		J	2.5		4.8	228.2				J	3.1		4.7	298.8	
260510.6	4014082.8	175805.8	Min	I	-3.4	-8.1	-313.1	183815.7	4038484.5	218331.3	Min	I	-3.9	-7.9	-201.1	-165885.2
-520209.1	-86133.0		J	-3.4	-8.1	-242.5	-205398.3	-908791.0	-123847.9		J	-3.9	-7.9	-180.7	-177824.6	
-707032.5	-104293.0							-967356.5	-129261.0							
7915455.7	147284.7	합성전~2	I	-3.2	-7.6	-309.1	126623.8	8578752.4	213586.3	합성전~2	I	-3.3	-7.7	164.0	96882.5	
8778851.3	179378.6		J	-3.2	-7.6	-102.1	131243.8	8323903.1	223538.3		J	-3.3	-7.7	228.1	98312.5	
142	1	12 합성후~1	I	-0.8	-1.2	-17.9	30333.0	146	1	12 합성후~1	I	-0.9	-1.4	45.9	4104.9	
1563183.4	30320.6		J	-0.8	-1.2	-10.8	31613.0	1491754.4	37135.2		J	-0.9	-1.4	62.8	7144.9	
1574668.0	31314.1							1388408.6	39771.3							
-751.5	2974.3	단위모~1	I	-0.2	0.2	-0.1	-534.8	-437.3	1660.1	단위모~1	I	-0.2	0.3	-0.0	-303.6	
-696.8	2841.5		J	-0.2	0.2	-0.1	-534.8	-355.7	1158.2		J	-0.2	0.3	-0.0	-303.6	
260510.6	4014082.8	활하중 Max	I	2.5		4.8	228.2	245963.0	4033056.1	218724.4	Max	I	3.7		272.0	
	175805.8		J	2.5		4.8	243.5				J	3.7		5.2	299.7	
260510.6	4053927.2	181728.2	Min	I	-3.4	-8.1	-242.5	228824.5	3890385.6	234011.3	Min	I	-4.4	-8.8	-219.2	-171589.4
-707032.5	-104293.0		J	-3.4	-8.1	-230.8	-213825.1	-967024.5	-129957.6		J	-4.4	-8.8	-186.8	-171589.4	
-742621.1	-107753.4							-1052071.9	-138475.7							
8778851.3	179378.6	합성전~2	I	-3.2	-7.6	-102.1	131243.8	8328308.9	223311.9	합성전~2	I	-3.3	-8.9	275.2	47953.9	
8844729.6	185491.7		J	-3.2	-7.6	-62.6	132123.8	7716483.0	240145.7		J	-3.3	-8.9	368.8	50043.9	
143	1	12 합성후~1	I	-0.9	-1.2	-5.0	15299.9	147	1	13 합성후~1	I	-0.9	-1.4	62.8	7144.9	
1576095.4	31193.7		J	-0.9	-1.2	-0.6	16099.9	1388408.6	39771.3		J	-0.9	-1.4	90.4	12104.9	
1577505.9	31799.8							1150816.9	44072.3							
-708.9	2844.3	단위모~1	I	-0.2	0.2	-0.1	-397.1	-355.7	1158.2	단위모~1	I	-0.2	0.3	-0.0	-303.6	
-680.9	2725.6		J	-0.2	0.2	-0.1	-397.1	-222.6	339.3		J	-0.2	0.3	-0.0	-303.6	
213082.0	4048549.6	활하중 Max	I	3.1		4.7	212.9	228824.5	3890385.6	234011.3	Max	I	3.7		299.7	
	182120.2		J	3.1		4.7	221.1				J	3.7		5.2	352.2	
208868.8	4066272.8	185740.0	Min	I	-3.9	-7.9	-264.1	218340.0	3531515.7	258970.3	Min	I	-4.4	-8.8	-186.8	-171589.4
-742112.3	-108449.9		J	-3.9	-7.9	-255.1	-157502.9	-1052071.9	-138475.7		J	-4.4	-8.8	-138.3	-178779.5	
-764635.8	-110529.8							-1190851.1	-152390.2							
8848169.4	185261.1	합성전~2	I	-3.3	-7.7	-18.4	92812.5	7716483.0	240145.7	합성전~2	I	-3.3	-8.9	368.8	50043.9	
8851192.9	189088.9		J	-3.3	-7.7	6.3	93362.5	6343752.3	267611.5		J	-3.3	-8.9	516.8	53453.9	
144	1	12 합성후~1	I	-0.9	-1.2	-0.6	16099.9	148	1	13 합성후~1	I	-0.9	-1.8	97.4	-8300.5	
1577505.9	31799.8		J	-0.9	-1.2	27.9	21219.9	1152602.1	43953.3		J	-0.9	-1.8	141.9	-300.5	
1533844.8	35679.0							554490.6	52883.7							

		단위모~1	I	-0.2	0.3	-0.0	-213.3			단위모~1	I	-0.3	0.5	-0.1	379.1	
-230.5	342.0		J	-0.2	0.3	-0.0	-213.3	530.5	-4369.9		J	-0.3	0.5	-0.1	379.1	
-40.6	-1049.3							871.4	-5541.9							
		활하중	Max	I	4.3	6.4	349.0			활하중	Max	I	6.3	18.5	631.9	
309582.3	3526898.1	259365.7		J	4.3	6.4	421.0	435747.8	730077.4	469259.9		J	6.3	18.5	679.0	
274349.0	2555509.7	308764.5	Min	I	-4.9	-10.9	-180.6	431600.9	676274.2	538535.7	Min	I	-6.7	-30.5	-520753.7	
-1190938.2	-153087.5			J	-4.9	-10.9	-101.1	-3349390.9	-273014.2			J	-6.7	-30.5	-523335.0	
-1416509.1	-180221.2							-4555884.3	-313527.8							
		합성전~2	I	-3.2	-11.4	563.5	-3200.6			합성전~2	I	-1.6	-34.9	1419.2	-137157.7	
6348708.5	267390.4		J	-3.2	-11.4	802.1	2299.4	-8243653.0	518884.7		J	-1.6	-34.9	1549.0	-134407.7	
2934843.5	324374.0							-1.20e+007	606081.5							
149	1	14	합성후~1	I	-0.9	-2.5	150.0	153	1	15	합성후~1	I	-0.5	7.7	-217.8	-30044.3
556361.5	52765.7			J	-0.9	-2.5	194.5	-2089387.5	97311.0		J	-0.5	7.7	-195.6	-26044.3	
-304753.0	65246.8							-1572595.5	78176.3							
		단위모~1	I	-0.2	0.3	-0.0	-94.1			단위모~1	I	-0.3	-0.4	0.1	-702.2	
-51.0	-1046.8		J	-0.2	0.3	-0.0	-94.1	761.4	-5539.6		J	-0.3	-0.4	0.1	-702.2	
184.9	-2565.3							472.3	-4534.2							
		활하중	Max	I	4.9	8.6	441.4			활하중	Max	I	8.0	35.7	110.3	
372923.4	2552793.2	309164.7		J	4.9	8.6	518.5	519785.3	676466.2	539013.7		J	8.0	35.7	120.0	
346192.2	1328890.1	374894.6	Min	I	-5.5	-14.5	-143.6	517147.8	644839.6	461756.8	Min	I	-7.7	-22.5	-646.4	-447598.2
-1414688.6	-180613.4			J	-5.5	-14.5	-64.3	-4554951.1	-313967.5			J	-7.7	-22.5	-592.8	-451688.9
-1910797.1	-218023.2							-3561672.7	-268884.0							
		합성전~2	I	-3.0	-15.8	849.9	-60642.6			합성전~2	I	1.0	43.9	-1260.5	-451688.9	
2940349.6	324159.6		J	-3.0	-15.8	1093.5	-55142.6	35524.2	-1.19e+007	605872.0	J	1.0	43.9	-1130.8	-451688.9	
-1918161.1	403250.9							38274.2	-8960519.1	496079.1						
150	1	14	합성후~1	I	-0.9	-3.7	203.5	154	1	15	합성후~1	I	-0.4	5.7	-192.5	-31019.9
-302907.0	65130.7			J	-0.9	-3.7	209.3	-1572159.9	78058.1		J	-0.4	5.7	-153.4	-23979.9	
-437069.6	67533.0							-811148.0	52869.8							
		단위모~1	I	-0.2	0.4	-0.1	89.6			단위모~1	I	-0.3	-0.3	0.1	-419.6	
168.8	-2562.9		J	-0.2	0.4	-0.1	89.6	447.6	-4532.2		J	-0.3	-0.3	0.1	-419.6	
219.1	-2798.1							202.3	-3247.4							
		활하중	Max	I	5.5	12.4	536.4			활하중	Max	I	9.1	26.2	100.2	
419338.0	1329431.4	375299.2		J	5.5	12.4	546.9	489565.8	644002.6	462223.7		J	9.1	26.2	132.3	
417238.8	1199266.4	387401.3	Min	I	-6.0	-20.6	-100.9	488855.6	1300794.3	369136.8	Min	I	-8.7	-16.5	-582.5	-404068.5
-1910793.0	-218402.0			J	-6.0	-20.6	-90.5	-3561590.1	-269309.8			J	-8.7	-16.5	-505.7	-417426.2
-2037773.7	-225393.0							-2378161.6	-228907.8							
		합성전~2	I	-2.4	-23.2	1138.8	-115492.8			합성전~2	I	1.9	32.2	-1118.2	-417426.2	
-1912882.3	403046.3		J	-2.4	-23.2	1170.5	-114777.8	42161.4	-8960856.6	495896.9	J	1.9	32.2	-889.9	-417426.2	
-2663412.3	418132.4							47001.4	-4543109.4	354049.8						
151	1	15	합성후~1	I	-0.9	-3.7	209.3	155	1	14	합성후~1	I	-0.4	5.7	-153.4	-23979.9
-437069.6	67533.0			J	-0.9	-3.7	248.0	-811148.0	52869.8		J	-0.4	5.7	-148.0	-23019.9	
-1431714.3	83609.8							-720723.6	49435.1							
		단위모~1	I	-0.2	0.4	-0.1	89.6			단위모~1	I	-0.3	-0.3	0.1	-419.6	
219.1	-2798.1		J	-0.2	0.4	-0.1	89.6	202.3	-3247.4		J	-0.3	-0.3	0.1	-419.6	
555.8	-4372.3							168.8	-3072.2							
		활하중	Max	I	5.5	12.4	546.9			활하중	Max	I	9.1	26.2	132.3	
417238.8	1199266.4	387401.3		J	5.5	12.4	621.6	488855.6	1300794.3	369136.8		J	9.1	26.2	137.4	
403752.3	730756.8	468821.4	Min	I	-6.0	-20.6	-90.5	488855.6	1452729.9	357009.0	Min	I	-8.7	-16.5	-505.7	-417426.2
-2037773.7	-225393.0			J	-6.0	-20.6	-58.5	-2378161.6	-228907.8			J	-8.7	-16.5	-495.9	-419363.9
-3349480.3	-272607.3							-2274327.3	-224484.8							
		합성전~2	I	-2.4	-23.2	1170.5	-114777.8			합성전~2	I	1.9	32.2	-889.9	-419363.9	
-2663412.3	418132.4		J	-2.4	-23.2	1396.2	-109992.8	47001.4	-4543109.4	354049.8	J	1.9	32.2	-860.6	-419363.9	
-8246027.3	519093.4							47661.4	-4017955.8	334707.0						
152	1	15	합성후~1	I	-0.8	-5.6	253.5	156	1	14	합성후~1	I	-0.3	4.6	-143.7	-25597.8
-1430526.8	83487.4			J	-0.8	-5.6	275.7	-720497.9	49325.9		J	-0.3	4.6	-99.2	-17597.8	
-2092035.6	97439.6							-113246.9	26385.1							

			단위모~1	I	-0.3	-0.3	0.1	-414.8				단위모~1	I	-0.3	0.4	-0.0	119.5
-94.8	2962.9			J	-0.3	-0.3	0.1	-414.8	-295.2	4256.7		J	-0.3	0.4	-0.0	119.5	
-128.0	3137.1								-80.6	2700.4							
413472.6	1490601.5	246323.3	활하중	Max	I	14.0		24.7	501.0			활하중	Max	I	6.0	12.8	60.2
				J	14.0		24.7	510.7	488052.4	759397.9	299153.3		J	6.0	12.8	89.9	
411534.9	1337705.1	251288.3	Min	I	-13.8	-16.2	-144.4	-493812.8	487422.3	1185728.0	249536.9	Min	I	-5.9	-19.1	-611.5	-409719.3
-2235610.4	-333641.9			J	-13.8	-16.2	-139.3	-493812.8	-3358795.6	-435704.8		J	-5.9	-19.1	-536.6	-423011.7	
-2337964.7	-344379.2								-2055842.2	-359876.9							
-80946.1	-3772015.4	-323811.4	합성전~2	I	1.3		32.1	859.0				합성전~2	I	0.0	-22.9	-1348.8	40164.1
				J	1.3		32.1	888.3	-8171327.0	-507826.6		J	0.0	-22.9	-1123.0	44949.1	
-80286.1	-4296200.0	-343060.7							-2795149.0	-408373.1							
165	1	15	합성후~1	I	-0.8		6.0	152.7	169	1	14	합성후~1	I	0.4	-4.6	-200.3	32182.1
27586.3	-1534341.8	-107557.7		J	-0.8		6.0	191.9				J	0.4	-4.6	-194.5	33222.1	
			단위모~1	I	-0.3	-0.3	0.1	-414.8				단위모~1	I	-0.3	0.4	-0.0	119.5
-128.0	3137.1			J	-0.3	-0.3	0.1	-414.8	-80.6	2700.4		J	-0.3	0.4	-0.0	119.5	
-371.1	4414.6								-48.5	2467.8							
411534.9	1337705.1	251288.3	활하중	Max	I	14.0		24.7	510.7			활하중	Max	I	6.0	12.8	89.9
				J	14.0		24.7	587.4	487422.3	1185728.0	249536.9		J	6.0	12.8	100.3	
397997.1	675158.9	296726.5	Min	I	-13.8	-16.2	-139.3	-493812.8	487422.3	1300082.3	242178.9	Min	I	-5.9	-19.1	-536.6	-423011.7
-2337964.7	-344379.2			J	-13.8	-16.2	-107.3	-494372.9	-2055842.2	-359876.9		J	-5.9	-19.1	-526.0	-425110.9	
-3515290.4	-428101.9								-1927200.3	-348602.3							
-80286.1	-4296200.0	-343060.7	합성전~2	I	1.3		32.1	888.3				합성전~2	I	0.0	-22.9	-1123.0	44949.1
				J	1.3		32.1	1116.6	-2795149.0	-408373.1		J	0.0	-22.9	-1091.4	45664.1	
-75446.1	-8706840.6	-484222.4							-2075465.9	-393512.2							
166	1	15	합성후~1	I	-1.1		7.9	193.6	170	1	14	합성후~1	I	0.2	-3.4	-190.7	28982.5
34732.6	-2046310.0	-127442.2		J	-1.1		7.9	215.8				J	0.2	-3.4	-146.2	36982.5	
			단위모~1	I	-0.3	-0.4	0.1	-691.5				단위모~1	I	-0.3	0.3	-0.0	-54.0
-346.8	4415.7			J	-0.3	-0.4	0.1	-691.5	-33.3	2469.0		J	-0.3	0.3	-0.0	-54.0	
-630.8	5413.5								73.4	967.2							
443856.1	673249.7	297067.6	활하중	Max	I	14.6		33.7	598.7			활하중	Max	I	5.3	9.2	62.9
				J	14.6		33.7	652.0	404686.7	1298557.4	242533.1		J	5.3	9.2	141.5	
439746.7	741459.9	339938.0	Min	I	-14.7	-22.0	-130.3	-515559.4	404686.7	2490396.7	201581.1	Min	I	-5.5	-13.5	-515.3	-330090.4
-3515540.9	-428277.6			J	-14.7	-22.0	-121.6	-518178.2	-1927439.3	-348811.2		J	-5.5	-13.5	-437.8	-353808.1	
-4514909.8	-499659.2								-1423755.9	-287318.3							
-36746.0	-8710228.8	-484387.6	합성전~2	I	0.2		43.7	1124.4				합성전~2	I	-0.7	-15.5	-1072.9	84110.3
				J	0.2		43.7	1254.1	-2078827.6	-393703.6		J	-0.7	-15.5	-829.3	89610.3	
-33996.0	-1.17e+007	-593528.0							2676611.5	-316008.2							
167	1	15	합성후~1	I	0.6	-6.5	-261.9	16994.3	171	1	13	합성후~1	I	0.1	-2.6	-142.3	27975.8
-1416816.1	-111386.3			J	0.6	-6.5	-239.6	20994.3				J	0.1	-2.6	-97.8	35975.8	
			단위모~1	I	-0.3	0.5	-0.1	397.8				단위모~1	I	-0.3	0.3	-0.0	-166.9
-583.3	5414.7			J	-0.3	0.5	-0.1	397.8	83.3	968.3		J	-0.3	0.3	-0.0	-166.9	
-319.5	4255.4								148.0	-408.6							
500121.9	731462.6	340211.1	활하중	Max	I	6.8		18.7	70.9			활하중	Max	I	4.6	7.1	97.8
				J	6.8		18.7	83.4	297933.6	2485657.4	201980.7		J	4.6	7.1	176.5	
497494.7	761632.6	298887.5	Min	I	-6.5	-28.1	-662.7	-457373.6	297851.0	3473128.7	170291.8	Min	I	-5.0	-10.1	-423.1	-230776.5
-4520376.7	-499720.3			J	-6.5	-28.1	-615.1	-461474.7	-1424182.6	-287576.4		J	-5.0	-10.1	-350.5	-262638.9	
-3358369.6	-435597.9								-1215336.5	-241095.9							
-1.17e+007	-593717.0		합성전~2	I	1.2	-34.4	-1476.8	-31357.2				합성전~2	I	-1.2	-11.2	-803.5	108438.4
				J	1.2	-34.4	-1347.1	-28607.2	2674965.6	-316212.5		J	-1.2	-11.2	-564.9	113938.4	
-8165312.6	-507635.3								6096023.3	-260407.7							
168	1	15	합성후~1	I	0.4	-4.6	-239.0	25222.1	172	1	13	합성후~1	I	-0.0	-2.1	-93.3	21198.7
-461530.3	-91514.3			J	0.4	-4.6	-200.3	32182.1				J	-0.0	-2.1	-65.7	26158.7	

155.9	-407.6	단위모~1	I	-0.3	0.3	-0.0	-257.5	546.3	-3704.4	단위모~1	I	-0.2	0.0	-0.0	-815.5	
206.2	-1218.4		J	-0.3	0.3	-0.0	-257.5	556.9	-3704.7		J	-0.2	0.0	-0.0	-815.5	
226413.4	3467424.2	활하중 Max	I	4.0	5.9	132.6		342471.4	3671006.9	활하중 Max	I	2.1	6.7	293.8		
170720.0			J	4.0	5.9	180.5		95659.1			J	2.1	6.7	322.8		
206427.1	3842880.5	154238.1	Min	I	-4.4	-8.3	-358.3	319388.2	3378916.1	84510.7	Min	I	-2.8	-9.1	-205.4	-330166.9
-1215363.1	-241385.9		J	-4.4	-8.3	-305.2	-169671.4	-551229.0	-134588.9		J	-2.8	-9.1	-166.6	-330166.9	
-1080201.3	-217775.6							-468128.9	-119110.7							
6096447.8	-260621.8	합성전~2	I	-1.6	-8.7	-531.6	109099.2	7950521.5	-143591.9	합성전~2	I	-2.0	-8.8	338.7	-1226.0	
7515083.1	-233804.4		J	-1.6	-8.7	-383.6	112509.2	7239542.8	-127329.4		J	-2.0	-8.8	429.9	809.0	
173	1	12 합성후~1	I	-0.0	-2.1	-65.7	26158.7	177	1	11 합성후~1	I	-0.3	-2.0	75.8	-13858.6	
1358490.2	-52445.2		J	-0.0	-2.1	-48.8	29198.7	1299730.8	-27537.6		J	-0.3	-2.0	103.8	-8818.6	
1467294.5	-48450.8							1016777.3	-21377.2							
206.2	-1218.4	단위모~1	I	-0.3	0.3	-0.0	-257.5	556.9	-3704.7	단위모~1	I	-0.2	0.0	-0.0	-815.5	
237.0	-1715.4		J	-0.3	0.3	-0.0	-257.5	575.0	-3705.3		J	-0.2	0.0	-0.0	-815.5	
206427.1	3842880.5	활하중 Max	I	4.0	5.9	180.5		319388.2	3378916.1	활하중 Max	I	2.1	6.7	322.8		
154238.1			J	4.0	5.9	212.7		84510.7			J	2.1	6.7	378.0		
206427.1	3997913.1	144142.0	Min	I	-4.4	-8.3	-305.2	307378.3	2716769.3	65539.4	Min	I	-2.8	-9.1	-166.6	-330166.9
-1080201.3	-217775.6		J	-4.4	-8.3	-277.2	-174811.3	-468128.9	-119110.7		J	-2.8	-9.1	-103.5	-330166.9	
-997496.1	-203310.4							-330792.0	-92767.0							
7515083.1	-233804.4	합성전~2	I	-1.6	-8.7	-383.6	112509.2	7239542.8	-127329.4	합성전~2	I	-2.0	-8.8	429.9	809.0	
8155044.0	-217368.0		J	-1.6	-8.7	-290.0	114599.2	5653715.2	-99639.1		J	-2.0	-8.8	577.0	4274.0	
174	1	12 합성후~1	I	-0.1	-1.8	-43.0	9396.0	178	1	11 합성후~1	I	-0.3	-2.6	110.7	-26416.1	
1469027.3	-48579.1		J	-0.1	-1.8	1.5	17396.0	1018316.8	-21508.0		J	-0.3	-2.6	155.2	-18416.1	
1572555.1	-39549.2							353498.9	-8258.1							
246.0	-1714.4	단위모~1	I	-0.2	0.2	-0.0	-360.2	629.6	-3705.1	단위모~1	I	-0.2	-0.3	0.1	-1439.3	
367.5	-2888.9		J	-0.2	0.2	-0.0	-360.2	177.6	-2044.8		J	-0.2	-0.3	0.1	-1439.3	
234915.8	3992017.3	활하중 Max	I	3.3	5.4	174.7		372583.6	2713906.9	활하중 Max	I	1.6	9.1	379.6		
144588.9			J	3.3	5.4	257.5		65990.8			J	1.6	9.1	481.2		
207124.4	4036904.0	120101.6	Min	I	-3.9	-7.5	-305.0	353173.0	1024824.7	24981.6	Min	I	-2.3	-12.4	-133.5	-398454.9
-997347.6	-203621.7		J	-3.9	-7.5	-218.1	-136447.9	-331070.5	-93089.6		J	-2.3	-12.4	-63.4	-398616.2	
-774890.8	-169203.2							-127311.7	-35920.4							
8157577.3	-217590.4	합성전~2	I	-1.8	-7.5	-247.9	85652.7	5658736.0	-99878.3	합성전~2	I	-1.8	-12.2	622.8	-53119.8	
8781052.4	-180303.2		J	-1.8	-7.5	-1.5	91152.7	1961011.5	-39024.2		J	-1.8	-12.2	856.3	-47619.8	
175	1	12 합성후~1	I	-0.2	-1.7	8.1	-4218.9	179	1	11 합성후~1	I	-0.3	-4.1	159.4	-26948.0	
1574446.3	-39678.8		J	-0.2	-1.7	52.6	3781.1	354244.8	-8404.1		J	-0.3	-4.1	178.1	-23588.0	
1422945.1	-31024.7							-207.8	135.3							
381.3	-2888.1	단위모~1	I	-0.2	0.2	-0.0	-518.0	290.5	-2044.9	단위모~1	I	-0.1	-1.0	0.3	-2730.3	
520.3	-3704.9		J	-0.2	0.2	-0.0	-518.0	-442.9	0.2		J	-0.1	-1.0	0.3	-2730.3	
275963.0	4031781.9	활하중 Max	I	2.7	5.6	225.2		311673.5	1022582.3	활하중 Max	I	1.0	13.6	484.7		
120559.3			J	2.7	5.6	307.2		25430.3			J	1.0	13.6	534.6		
237309.7	3673561.2	95197.9	Min	I	-3.3	-7.7	-248.0	306221.0	26705.3	1151.1	Min	I	-1.5	-18.9	-71.4	-363779.4
-774682.8	-169527.4		J	-3.3	-7.7	-156.0	-232105.6	-128373.7	-36230.3		J	-1.5	-18.9	-55.1	-377665.3	
-551286.9	-134259.4							-96668.3	-1101.2							
8784912.0	-180532.6	합성전~2	I	-1.9	-7.4	44.6	47040.2	1964282.2	-39294.6	합성전~2	I	-1.4	-18.8	888.0	-85030.8	
7945817.9	-143356.0		J	-1.9	-7.4	291.0	52540.2	-3383.3	251.3		J	-1.4	-18.8	986.0	-82720.8	
176	1	12 합성후~1	I	-0.3	-2.0	59.3	-16818.6	180	1	11 합성후~1	I	0.0	0.0	-3.6	-640.0	
1424747.3	-31155.7		J	-0.3	-2.0	75.8	-13858.6	-712.0	0.0		J	0.0	0.0	0.0	0.0	
1299730.8	-27537.6							0.0	0.0	-0.0						

0.0	0.0	단위모~1	I	0.0	0.0	0.0	0.0	-28.4	-1.7	단위모~1	I	-0.4	-0.0	-0.0	0.0
0.0	0.0	0.0	J	0.0	0.0	0.0	0.0	-25.2	1.1		J	-0.4	-0.0	-0.0	0.0
54249.4	0.0	활하중 Max	I	0.0	0.0	0.0	0.0	6.1	635249.8	933.8	활하중 Max	I	3.5	0.6	157.7
0.0	0.0	0.0	J	0.0	0.0	0.0	0.0	6.1	259816.5	611.4		J	3.5	0.6	157.7
-0.0	-88570.5	-0.0	Min	I	0.0	0.0	-221.4	-98998.2	-975.7		Min	I	-4.9	-0.6	-42.7
-0.0	-0.0	-0.0	J		0.0	0.0	0.0	-21702.1	-585.5		J		-4.9	-0.6	-42.7
-3735.0	0.0	합성전~2	I	0.0	0.0	-18.7	-440.0	149622.3	62.8	합성전~2	I	-4.9	0.0	20.9	-11.6
-0.0	0.0	-0.0	J		0.0	0.0	0.0	72443.1	-41.6		J		-4.9	0.0	34.0
181	2	16 합성후~1	I	-0.2	1.2	-30.4	-1.6	185	2	16 합성후~1	I	-2.3	0.1	-16.9	1.5
-98085.2	2000.0		J		-0.2	1.2	-30.4	-53613.8	199.8		J		-2.3	0.1	-16.9
-12521.5	-1389.1							-6232.6	-125.4						1.5
16.0	-2.5	단위모~1	I	0.4	-0.0	-0.0	0.0	-109.4	-1.5	단위모~1	I	-0.9	-0.0	-0.1	0.0
25.2	1.8		J		0.4	-0.0	-0.0	215.9	0.9		J		-0.9	-0.0	-0.1
13.8	616117.5	904.2	활하중 Max	I	5.3	0.6	152.5	11.5	222623.8	1250.3	활하중 Max	I	7.0	0.8	100.2
13.8	256800.4	592.6	J		5.3	0.6	152.5	11.5	128165.0	790.0	J		7.0	0.8	100.2
-110350.0	-947.0		Min	I	-3.2	-0.6	-46.1	-6.4	-161882.0	-1260.1	Min	I	-9.9	-0.8	-84.6
-21403.3	-566.0		J		-3.2	-0.6	-46.1	-6.4	-133807.3	-784.5	J		-9.9	-0.8	-84.6
11.1	62421.0	61.9	합성전~2	I	5.0	0.0	-3.5	872.6	123.4	합성전~2	I	-10.2	0.1	-16.6	-8.2
11.1	53687.6	-40.1	J		5.0	0.0	9.7	29108.9	-80.2		J		-10.2	0.1	-3.5
182	2	16 합성후~1	I	2.0	0.1	-15.3	-0.5	186	2	16 합성후~1	I	-3.8	0.1	-7.3	-0.2
-49367.0	218.2		J		2.0	0.1	-15.3	-24467.4	132.7		J		-3.8	0.1	-7.3
-6414.7	-140.3							-3917.1	-84.1						-0.2
0.0	90.0	단위모~1	I	0.9	-0.0	0.1	0.1	783.6	-1.0	단위모~1	I	-1.6	-0.0	1.0	-0.0
0.0	-205.5	-2.5	J		0.9	-0.0	0.1	-2142.8	0.5		J		-1.6	-0.0	1.0
18.4	213670.9	1200.5	활하중 Max	I	10.9	0.8	99.6	14.2	394482.7	1142.6	활하중 Max	I	11.9	0.7	119.8
18.4	125881.5	761.3	J		10.9	0.8	99.6	14.2	150810.6	687.0	J		11.9	0.7	119.8
-172580.3	-1211.2		Min	I	-6.5	-0.8	-88.2	-10.8	-338693.1	-1094.3	Min	I	-16.8	-0.7	-108.8
-133558.7	-754.7		J		-6.5	-0.8	-88.2	-10.8	-123479.5	-718.3	J		-16.8	-0.7	-108.8
8.9	-32447.0	121.0	합성전~2	I	10.5	0.1	-26.9	-32137.4	242.7	합성전~2	I	-17.3	0.1	-29.3	-5.5
8.9	24591.3	-77.7	J		10.5	0.1	-13.7	31626.8	-156.9		J		-17.3	0.1	-16.1
0.7	2	16 합성후~1	I	3.3	0.1	-12.8	-12.8	187	2	17 합성후~1	I	-0.8	1.1	-23.0	0.6
0.7	-28095.4	125.7	J		3.3	0.1	-12.8	-56802.3	1705.5		J		-0.8	1.1	-23.0
0.7	7757.9	-80.6						7869.5	-1363.0						0.6
-828.0	-2.8	단위모~1	I	1.6	-0.0	-1.1	-0.0	10.2	-1.2	단위모~1	I	0.0	-0.0	0.0	-0.0
2138.3	1.4		J		1.6	-0.0	-1.1	6.5	0.9		J		0.0	-0.0	0.0
13.3	379786.6	1053.3	활하중 Max	I	18.2	0.7	100.3	8.5	481581.0	1029.7	활하중 Max	I	3.4	0.7	122.9
13.3	159589.2	631.9	J		18.2	0.7	100.3	8.5	221494.6	841.6	J		3.4	0.7	122.9
-346559.4	-1005.4		Min	I	-10.8	-0.6	-115.1	-12.9	-36079.6	-1088.5	Min	I	-5.5	-0.8	-20.1
-108302.4	-663.2		J		-10.8	-0.6	-115.1	-12.9	-16978.0	-796.0	J		-5.5	-0.8	-20.1
5.4	-95567.5	238.0	합성전~2	I	17.8	0.1	-73.7	119020.1	18.5	합성전~2	I	-6.5	0.0	-11.0	-2.1
5.4	93070.9	-155.7	J		17.8	0.1	-60.5	130290.3	-13.5		J		-6.5	0.0	3.0
184	2	16 합성후~1	I	-0.8	0.4	-30.2	2.7	188	2	17 합성후~1	I	-2.3	0.1	-14.1	0.7
-94165.4	740.1		J		-0.8	0.4	-30.2	-37204.1	224.2		J		-2.3	0.1	-14.1
-9386.8	-447.6							2538.1	-174.2						0.7

0.0	16.9	단위모~1	I	0.1	-0.0	0.0			단위모~1	I	-0.3	-0.0	0.2	0.0			
		-1.3	J	0.1	-0.0	0.0	173.5	-1.3	J	-0.3	-0.0	0.2	0.0				
0.0	-39.6	1.0					-516.4	1.0									
		활하중 Max	I	7.7	1.0	77.0			활하중 Max	I	24.0	0.9	77.2				
12.8	138507.1	1361.4	J	7.7	1.0	77.0	11.5	277419.4	1259.0	J	24.0	0.9	77.2				
12.8	124165.6	1071.1	Min	I	-12.5	-1.0	-71.7	-13.7	11.5	160816.3	942.9	Min	I	-15.8	-0.9	-96.1	-11.4
-127778.6	-1384.4		J	-12.5	-1.0	-71.7	-13.7		-270270.2	-1220.3		J	-15.8	-0.9	-96.1	-11.4	
-106065.0	-1053.1								-97745.5	-972.7							
		합성전~2	I	-14.9	0.1	-53.2	-1.2				합성전~2	I	30.5	0.1	-117.2	-0.0	
-59756.1	81.7		J	-14.9	0.1	-39.1	-1.2		-134436.4	192.9		J	30.5	0.1	-103.1	-0.0	
69953.5	-62.4								175231.3	-148.5							
189	2	17 합성후~1	I	-5.0	0.1	-4.2	0.4		193	2	18 합성후~1	I	1.2	1.4	-8.1	-0.4	
-10231.3	129.8		J	-5.0	0.1	-4.2	0.4		-20438.4	2129.8		J	1.2	1.4	-8.1	-0.4	
1491.0	-100.2								2362.0	-1690.9							
		단위모~1	I	0.3	-0.0	-0.3	0.0				단위모~1	I	0.2	-0.0	-0.0	0.0	
-184.2	-2.0		J	0.3	-0.0	-0.3	0.0		2.5	-2.7		J	0.2	-0.0	-0.0	0.0	
525.5	1.5								6.5	2.2							
		활하중 Max	I	15.9	0.8	84.1					활하중 Max	I	2.4	0.7	48.0		
11.2	283104.5	1195.3	J	15.9	0.8	84.1	3.5	202813.0	978.4	J	2.4	0.7	48.0				
11.2	148689.4	893.5	Min	I	-25.8	-0.8	-90.7	-11.8	3.5	91955.0	769.4	Min	I	-1.5	-0.7	-12.7	-1.7
-265433.9	-1154.1		J	-25.8	-0.8	-90.7	-11.8		-22671.8	-1024.5		J	-1.5	-0.7	-12.7	-1.7	
-106074.7	-925.0								-13239.4	-735.2							
		합성전~2	I	-30.7	0.1	-60.3	-1.2				합성전~2	I	2.4	0.0	-29.3		
-79040.3	206.8		J	-30.7	0.1	-46.3	-1.2		2.8	-25306.9	67.8		J	2.4	0.0	-22.3	
70726.3	-158.2								2.8	47255.9	-53.2						
190	2	17 합성후~1	I	-2.1	-0.0	-32.5	-5.0		194	2	18 합성후~1	I	1.0	0.1	-8.0	-0.1	
-92690.7	-7.8		J	-2.1	-0.0	-32.5	-5.0		-21213.8	235.4		J	1.0	0.1	-8.0	-0.1	
-1441.2	126.9								1164.8	-179.7							
		단위모~1	I	-0.0	-0.0	-0.0	-0.0				단위모~1	I	0.4	-0.0	0.0		
-12.7	-1.0		J	-0.0	-0.0	-0.0	-0.0		0.0	9.2	-2.6		J	0.4	-0.0	0.0	
-6.5	0.7								0.0	-50.9	2.1						
		활하중 Max	I	5.1	0.8	120.1					활하중 Max	I	4.8	0.9	27.3		
9.1	472998.8	1070.8	J	5.1	0.8	120.1	4.7	64708.5	1298.1	J	4.8	0.9	27.3				
9.1	219029.1	878.2	Min	I	-3.3	-0.8	-22.3	-9.4	4.7	59684.9	985.5	Min	I	-2.8	-0.9	-31.6	-2.8
-44557.3	-1131.7		J	-3.3	-0.8	-22.3	-9.4		-62798.2	-1309.4		J	-2.8	-0.9	-31.6	-2.8	
-18200.0	-830.7								-55398.0	-977.5							
		합성전~2	I	6.5	0.0	-26.7	-0.1				합성전~2	I	4.9	0.1	-33.3		
61428.4	11.3		J	6.5	0.0	-12.6	-0.1		2.3	-43854.8	132.0		J	4.9	0.1	-26.3	
116632.1	-7.1								2.3	39955.9	-102.1						
191	2	17 합성후~1	I	1.6	0.1	-16.6	-1.5		195	2	18 합성후~1	I	1.4	0.1	-8.5		
-46354.3	196.4		J	1.6	0.1	-16.6	-1.5		0.2	-16875.4	136.0		J	1.4	0.1	-8.5	
404.8	-149.5								0.2	7079.6	-103.9						
		단위모~1	I	-0.1	-0.0	-0.0	0.0				단위모~1	I	0.6	-0.0	-0.3	-0.0	
-20.0	-1.0		J	-0.1	-0.0	-0.0	0.0		-163.9	-3.0		J	0.6	-0.0	-0.3	-0.0	
40.5	0.7								569.3	2.0							
		활하중 Max	I	11.6	1.0	76.7					활하중 Max	I	6.9	0.8	38.6		
13.3	136281.7	1406.4	J	11.6	1.0	76.7	3.4	154705.1	1138.7	J	6.9	0.8	38.6				
13.3	124022.1	1107.3	Min	I	-7.6	-1.0	-72.7	-12.9	3.4	66108.2	817.6	Min	I	-4.0	-0.8	-25.1	-3.3
-130127.7	-1431.1		J	-7.6	-1.0	-72.7	-12.9		-91366.5	-1086.6		J	-4.0	-0.8	-25.1	-3.3	
-106087.9	-1088.0								-36695.9	-858.1							
		합성전~2	I	14.7	0.0	-56.0					합성전~2	I	7.1	0.2	-43.4		
0.5	-76157.2	71.9	J	14.7	0.0	-42.0	1.4	-52689.5	258.6	J	7.1	0.2	-36.4				
0.5	61557.8	-54.2					1.4	59426.7	-201.1								
		합성후~1	I	5.1	0.1	-15.7	-0.8		196	2	18 합성후~1	I	0.4	1.2	2.1		
192	2	129.2	J	5.1	0.1	-15.7	-0.8		-0.6	12211.0	1949.1		J	0.4	1.2	2.1	
-24288.3									-0.6	6420.4	-1329.8						
19786.8	-99.4																

			단위모~1	I	0.0	-0.0	-0.0	-0.0				단위모~1	I	0.1	-0.0	-0.0	0.0
15.4	-1.5			J	0.0	-0.0	-0.0	-0.0	14.2	-2.0			J	0.1	-0.0	-0.0	0.0
26.4	1.0								99.5	1.2							
			활하중 Max	I	2.1		0.8	64.2				활하중 Max	I	3.9		0.7	69.2
1.5	193724.6	1193.1		J	2.1		0.8	64.2	2.2	255739.7	1045.0		J	3.9		0.7	69.2
1.5	130203.2	755.2							2.2	80988.3	620.4						
			Min	I	-3.4	-0.8	-77.7	-2.8				Min	I	-6.2	-0.6	-43.5	-2.9
-192668.3	-1208.3			J	-3.4	-0.8	-77.7	-2.8	-124406.9	-1005.1			J	-6.2	-0.6	-43.5	-2.9
-81602.0	-746.2								-42506.7	-645.7							
			합성전~2	I	-4.1	0.1	-25.9	-1.2				합성전~2	I	-7.4	0.1	-30.8	-1.5
3112.6	97.0			J	-4.1	0.1	-18.9	-1.2	-19761.0	199.2			J	-7.4	0.1	-23.8	-1.5
66074.7	-63.8								56911.9	-126.4							
213	2	18	합성후~1	I	-0.7	0.1	-5.6	-0.0	217	2	18	합성후~1	I	-0.7	1.0	-4.8	-0.2
-14474.1	119.4			J	-0.7	0.1	-5.6	-0.0	-9110.4	1657.9			J	-0.7	1.0	-4.8	-0.2
1301.5	-75.7								4309.7	-1234.2							
			단위모~1	I	0.0	-0.0	-0.0	0.0				단위모~1	I	0.0	-0.0	0.0	-0.0
68.2	-2.2			J	0.0	-0.0	-0.0	0.0	3.4	-1.2			J	0.0	-0.0	0.0	-0.0
93.8	1.3								2.3	0.9							
			활하중 Max	I	2.3		0.7	83.0				활하중 Max	I	1.6		0.6	52.9
2.0	321404.7	1047.7		J	2.3		0.7	83.0	1.4	194447.5	962.8		J	1.6		0.6	52.9
2.0	108314.0	629.5							1.4	68616.8	716.9						
			Min	I	-3.7	-0.6	-53.2	-2.5				Min	I	-2.6	-0.7	-9.0	-2.9
-152471.4	-1005.7			J	-3.7	-0.6	-53.2	-2.5	-23325.1	-1016.7			J	-2.6	-0.7	-9.0	-2.9
-45010.9	-656.4								-12511.4	-679.1							
			합성전~2	I	-4.4	0.1	-26.2	-0.7				합성전~2	I	-3.2	0.0	-2.9	-3.1
-2395.2	209.4			J	-4.4	0.1	-19.2	-0.7	46225.1	23.1			J	-3.2	0.0	4.1	-3.1
61296.4	-134.5								44427.6	-17.4							
214	2	18	합성후~1	I	-0.3	1.0	-0.7	0.1	218	2	18	합성후~1	I	-1.1	0.1	-4.5	-0.2
9130.5	1653.3			J	-0.3	1.0	-0.7	0.1	-10969.9	212.4			J	-1.1	0.1	-4.5	-0.2
11100.5	-1114.6								1565.4	-151.7							
			단위모~1	I	0.0	-0.0	-0.0	-0.0				단위모~1	I	0.1	-0.0	0.0	-0.0
1.7	-1.3			J	0.0	-0.0	-0.0	-0.0	8.0	-1.3			J	0.1	-0.0	0.0	-0.0
3.5	0.8								-6.5	0.9							
			활하중 Max	I	1.5		0.6	69.3				활하중 Max	I	3.5		0.9	33.7
0.8	268418.5	898.9		J	1.5		0.6	69.3	2.4	77147.0	1273.5		J	3.5		0.9	33.7
0.8	101325.1	582.6							2.4	43987.3	913.2						
			Min	I	-2.4	-0.6	-30.3	-2.7				Min	I	-5.8	-0.9	-31.2	-3.6
-82081.3	-947.5			J	-2.4	-0.6	-30.3	-2.7	-60784.3	-1293.6			J	-5.8	-0.9	-31.2	-3.6
-31384.6	-553.0								-44793.4	-899.3							
			합성전~2	I	-2.8	0.0	-21.8	-2.4				합성전~2	I	-7.0	0.1	-14.7	-2.7
22606.9	30.5			J	-2.8	0.0	-14.8	-2.4	-4455.3	83.4			J	-7.0	0.1	-7.7	-2.7
74035.6	-20.8								27069.9	-60.8							
215	2	18	합성후~1	I	-0.9	0.1	-5.0	0.1	219	2	18	합성후~1	I	-1.9	0.1	-2.0	-0.3
-12380.6	202.5			J	-0.9	0.1	-5.0	0.1	-3816.9	123.5			J	-1.9	0.1	-2.0	-0.3
1704.2	-127.4								1736.9	-88.4							
			단위모~1	I	0.0	-0.0	0.0	-0.0				단위모~1	I	0.1	-0.0	-0.1	0.0
9.4	-1.3			J	0.0	-0.0	0.0	-0.0	-53.5	-2.0			J	0.1	-0.0	-0.1	0.0
9.1	0.9								124.8	1.5							
			활하중 Max	I	3.0		0.8	52.4				활하중 Max	I	6.0		0.8	43.0
1.8	155376.5	1190.0		J	3.0		0.8	52.4	2.4	148223.7	1118.0		J	6.0		0.8	43.0
1.8	90274.2	744.1							2.4	46724.2	759.9						
			Min	I	-4.8	-0.8	-61.1	-3.4				Min	I	-9.8	-0.7	-29.4	-2.9
-153350.0	-1206.9			J	-4.8	-0.8	-61.1	-3.4	-83784.5	-1077.2			J	-9.8	-0.7	-29.4	-2.9
-67800.9	-734.1								-35281.4	-789.9							
			합성전~2	I	-5.7	0.1	-26.8	-1.9				합성전~2	I	-11.8	0.1	-19.2	-2.5
-7534.5	87.6			J	-5.7	0.1	-19.8	-1.9	-16542.3	204.3			J	-11.8	0.1	-12.2	-2.5
57939.1	-56.8								27552.7	-150.2							
216	2	18	합성후~1	I	-1.2	0.1	-5.2	-0.1	220	2	18	합성후~1	I	0.0	1.0	-7.8	-7.8
-10392.2	117.2			J	-1.2	0.1	-5.2	-0.1	0.5	-19445.2	1556.9		J	0.0	1.0	-7.8	-7.8
4223.2	-73.2								0.5	2363.5	-1150.1						

3.4	-1.0	단위모~1	I	0.0	-0.0	0.0	-0.0	-12.4	-0.9	단위모~1	I	0.0	-0.0	-0.0	0.0
				0.0	-0.0	0.0	-0.0					0.0	-0.0	-0.0	0.0
0.8	0.7							-9.9	0.5						
2.5	193044.5	967.5	활하중 Max	I	1.8	0.7	52.5	3.3	155731.9	1205.4	활하중 Max	I	2.8	0.8	51.2
				J	1.8	0.7	52.5					J	2.8	0.8	51.2
2.5	67604.9	723.5						3.3	87315.4	760.1					
			Min	I	-2.8	-0.7	-10.8	-2.0			Min	I	-4.5	-0.8	-64.8
-27066.8	-1023.7			J	-2.8	-0.7	-10.8	-2.0	-165277.6	-1228.9		J	-4.5	-0.8	-64.8
-12802.4	-683.3								-66636.1	-744.8					
16755.4	11.9	합성전~2	I	-3.1	0.0	-12.2	2.1	-61832.3	56.4	합성전~2	I	-5.3	0.0	-44.9	1.4
				J	-3.1	0.0	-5.2					J	-5.3	0.0	-37.9
41196.2	-6.3							54628.3	-31.4						
221	2	18 합성후~1	I	-1.0	0.1	-7.4	0.5	225	2	18 합성후~1	I	-1.1	0.1	-9.8	0.3
-18608.5	208.3		J	-1.0	0.1	-7.4	0.5	-18021.2	110.6		J	-1.1	0.1	-9.8	0.3
2218.1	-147.8							9602.5	-67.3						
0.0	0.2	단위모~1	I	0.1	-0.0	0.0	0.0	-27.0	-1.5	단위모~1	I	0.1	-0.0	-0.0	-0.0
				J	0.1	-0.0	0.0					J	0.1	-0.0	-0.0
0.0	-12.7	0.8						71.0	0.8						
3.5	75663.0	1279.2	활하중 Max	I	3.8	0.9	32.7	2.5	248655.9	1060.0	활하중 Max	I	3.7	0.7	67.7
				J	3.8	0.9	32.7					J	3.7	0.7	67.7
3.5	43061.9	921.2						2.5	80642.6	637.3					
			Min	I	-6.0	-0.9	-32.8	-2.7			Min	I	-6.0	-0.7	-47.3
-67007.3	-1302.1			J	-6.0	-0.9	-32.8	-2.7	-132746.4	-1028.2		J	-6.0	-0.7	-47.3
-44074.3	-904.4								-43400.4	-655.5					
-34804.3	69.9	합성전~2	I	-6.9	0.0	-25.0	2.1	-61871.9	160.5	합성전~2	I	-7.2	0.1	-47.6	1.0
				J	-6.9	0.0	-18.0					J	-7.2	0.1	-40.6
25672.5	-46.5							62061.8	-92.6						
222	2	18 합성후~1	I	-1.9	0.1	-4.2	0.5	226	2	18 합성후~1	I	0.1	0.7	-0.8	-0.0
-8327.5	119.6		J	-1.9	0.1	-4.2	0.5	4063.9	1235.0		J	0.1	0.7	-0.8	-0.0
3591.0	-83.1							6272.6	-801.3						
-66.1	-1.8	단위모~1	I	0.1	-0.0	-0.1	-0.0	0.0	0.8	단위모~1	I	0.0	-0.0	-0.0	0.0
				J	0.1	-0.0	-0.1					J	0.0	-0.0	0.0
115.5	1.1							0.0	-1.7	0.4					
2.7	150721.3	1123.8	활하중 Max	I	6.1	0.8	43.9	2.1	300417.1	923.4	활하중 Max	I	1.0	0.6	75.0
				J	6.1	0.8	43.9					J	1.0	0.6	75.0
2.7	46243.0	771.9						2.1	120648.3	614.6					
			Min	I	-9.9	-0.7	-31.8	-2.5			Min	I	-1.6	-0.6	-46.3
-91808.7	-1087.8			J	-9.9	-0.7	-31.8	-2.5	-131121.6	-979.8		J	-1.6	-0.6	-46.3
-36003.9	-795.5								-45166.7	-578.5					
-42240.8	181.3	합성전~2	I	-11.6	0.1	-29.0	1.9	-42381.3	-3.9	합성전~2	I	-1.8	-0.0	-42.5	1.0
				J	-11.6	0.1	-22.0					J	-1.8	-0.0	-35.4
29370.3	-119.2							67071.8	6.1						
223	2	18 합성후~1	I	-0.1	0.8	-6.8	0.1	227	2	18 합성후~1	I	-0.4	0.1	-10.5	0.1
-12355.3	1363.8		J	-0.1	0.8	-6.8	0.1	-28578.7	189.5		J	-0.4	0.1	-10.5	0.1
6770.3	-892.3							849.9	-118.4						
0.0	2.5	단위모~1	I	0.0	-0.0	0.0	0.0	-15.0	-0.8	단위모~1	I	0.0	-0.0	-0.0	0.0
				J	0.0	-0.0	0.0					J	0.0	-0.0	-0.0
0.0	-0.8	0.5						-6.0	0.5						
2.6	264320.5	912.4	활하중 Max	I	1.3	0.6	68.2	2.6	190471.7	1218.5	활하중 Max	I	1.8	0.8	62.7
				J	1.3	0.6	68.2					J	1.8	0.8	62.7
2.6	99088.9	597.3						2.6	124170.4	780.2					
			Min	I	-2.2	-0.6	-33.6	-1.7			Min	I	-3.0	-0.8	-79.7
-93481.5	-966.9			J	-2.2	-0.6	-33.6	-1.7	-201107.2	-1243.7		J	-3.0	-0.8	-79.7
-30035.3	-563.1								-79784.8	-763.5					
-28880.4	3.2	합성전~2	I	-2.6	0.0	-37.4	1.6	-51125.8	48.6	합성전~2	I	-3.4	0.0	-43.2	0.7
				J	-2.6	0.0	-30.4					J	-3.4	0.0	-36.2
66304.1	0.8							60375.1	-26.2						
224	2	18 합성후~1	I	-0.8	0.1	-11.6	0.3	228	2	18 합성후~1	I	-0.6	0.1	-10.3	0.2
-28416.0	192.2		J	-0.8	0.1	-11.6	0.3	-19415.7	109.7		J	-0.6	0.1	-10.3	0.2
4200.1	-119.1							9639.2	-67.6						

			단위모~1	I	0.0	-0.0	-0.0	-0.0				단위모~1	I	0.0	-0.0	-0.0	0.0
	-4.2	-1.3		J	0.0	-0.0	-0.0	-0.0				-1.3	-0.7		0.0	-0.0	-0.0
	39.9	0.7										-0.2	0.4				
1.9	307335.0	1072.8	활하중 Max	I	2.1	0.7	81.6		1.0	315195.6	931.7	활하중 Max	I	0.4	0.6	79.5	
				J	2.1	0.7	81.6						J	0.4	0.6	79.5	
1.9	104565.3	654.7		Min	I	-3.4	-0.7	-55.1	-2.0	1.0	138116.1	619.9		Min	I	-0.4	-0.6
	-155546.7	-1042.6			J	-3.4	-0.7	-55.1	-2.0		-149492.6	-989.6			J	-0.4	-0.6
	-49588.6	-672.2									-57056.5	-582.9				-55.4	-1.2
			합성전~2	I	-3.9	0.1	-42.2	0.4				합성전~2	I	-0.0	-0.0	-43.6	0.1
	-41719.1	152.6		J	-3.9	0.1	-35.2	0.4			-42034.0	-10.8		J	-0.0	-0.0	-36.6
	67062.7	-89.3									70785.9	11.0				0.1	
229	2	18	합성후~1	I	0.2	0.6	2.9		233	2	18	합성후~1	I	0.2	0.1	-8.8	
0.1	14802.1	1078.6		J	0.2	0.6	2.9		0.1	-24938.8	182.6		J	0.2	0.1	-8.8	
0.1	6535.8	-676.6							0.1	-113.7	-112.6						
			단위모~1	I	0.0	-0.0	0.0					단위모~1	I	0.0	-0.0	-0.0	-0.0
0.0	-0.5	-0.7		J	0.0	-0.0	0.0			-0.6	-0.7		J	0.0	-0.0	-0.0	-0.0
0.0	-1.3	0.4								0.3	0.4						
			활하중 Max	I	0.5	0.6	78.0		1.5	311978.0	927.6	활하중 Max	I	0.7	0.8	71.4	
				J	0.5	0.6	78.0						J	0.7	0.8	71.4	
1.5	133323.6	617.1		Min	I	-0.9	-0.6	-53.7	-1.3	1.6	209209.9	1227.1		Min	I	-0.7	-0.8
	-145148.0	-985.0			J	-0.9	-0.6	-53.7	-1.3		153166.6	784.0			J	-0.7	-0.8
	-54033.6	-580.4									-211708.4	-1253.8				-92.9	-1.7
			합성전~2	I	-0.9	-0.0	-44.5	0.7			-87317.4	-766.4				-92.9	-1.7
	-46400.5	-8.7		J	-0.9	-0.0	-37.4	0.7			-26885.9	40.8				-37.1	-0.0
	68702.1	9.4									67575.9	-20.9				-30.1	-0.0
230	2	18	합성후~1	I	-0.1	0.1	-9.3	0.1	234	2	18	합성후~1	I	0.1	0.1	-10.1	
-26843.2	185.8			J	-0.1	0.1	-9.3	0.1	0.0	-18359.4	108.4		J	0.1	0.1	-10.1	
	-773.3	-115.3							0.0	9956.9	-66.5						
			단위모~1	I	0.0	-0.0	-0.0	-0.0				단위모~1	I	0.0	-0.0	0.0	-0.0
	-9.7	-0.8		J	0.0	-0.0	-0.0	-0.0		1.0	-1.2		J	0.0	-0.0	0.0	-0.0
	-2.6	0.4								0.6	0.6						
			활하중 Max	I	1.0	0.8	68.1		2.0	205323.5	1222.7	활하중 Max	I	0.6	0.7	88.4	
				J	1.0	0.8	68.1						J	0.6	0.7	88.4	
2.0	146801.3	781.8		Min	I	-1.6	-0.8	-89.5	-1.6	1.4	346435.7	1084.0		Min	I	-0.6	-0.7
	-210004.6	-1249.0			J	-1.6	-0.8	-89.5	-1.6		114647.2	659.5			J	-0.6	-0.7
	-85715.1	-764.5									-161602.1	-1055.4				-60.8	-1.7
			합성전~2	I	-1.7	0.0	-40.1	0.5			-52777.4	-676.3				-60.8	-1.7
	-37596.8	43.2		J	-1.7	0.0	-33.1	0.5			-9190.9	144.9				-32.0	-0.0
	65234.7	-22.6									71023.2	-85.3				-25.0	-0.0
231	2	18	합성후~1	I	-0.2	0.1	-10.3	0.1	235	2	18	합성후~1	I	0.7	0.4	-0.9	
-19379.6	108.7			J	-0.2	0.1	-10.3	0.1	0.2	5196.8	726.5		J	0.7	0.4	-0.9	
	9585.7	-66.9							0.2	7781.2	-396.5						
			단위모~1	I	0.0	-0.0	-0.0	-0.0				단위모~1	I	-0.0	-0.0	-0.0	0.0
	2.5	-1.2		J	0.0	-0.0	-0.0	-0.0		-2.3	-0.7		J	-0.0	-0.0	-0.0	0.0
	18.2	0.7								0.9	0.4						
			활하중 Max	I	1.0	0.7	86.8		1.7	337009.3	1078.2	활하중 Max	I	0.8	0.6	78.8	
				J	1.0	0.7	86.8						J	0.8	0.6	78.8	
1.7	115289.8	656.7		Min	I	-1.6	-0.7	-59.0	-1.6	0.7	315913.5	936.1		Min	I	-0.6	-0.6
	-161520.7	-1049.1			J	-1.6	-0.7	-59.0	-1.6		134209.1	624.0			J	-0.6	-0.6
	-52425.4	-673.7									-140840.3	-994.0				-52.7	-1.5
			합성전~2	I	-1.7	0.1	-35.9	0.2			-54403.9	-586.8				-52.7	-1.5
	-21384.2	147.2		J	-1.7	0.1	-28.9	0.2			-28271.6	-10.5				-38.8	-0.6
	69624.5	-86.4									70856.3	10.9				-31.8	-0.6
232	2	18	합성후~1	I	0.5	0.5	2.9		236	2	18	합성후~1	I	0.4	0.1	-9.0	
0.1	15463.7	911.3		J	0.5	0.5	2.9		0.1	-23106.9	179.8		J	0.4	0.1	-9.0	
0.1	7255.0	-543.6							0.1	2245.9	-110.2						

			단위모~1	I	-0.0	-0.0	-0.0	-0.0			단위모~1	I	-0.1	-0.0	-0.0	-0.0	
	-5.5	-0.9		J	-0.0	-0.0	-0.0	-0.0	-8.6	-1.0		J	-0.1	-0.0	-0.0	-0.0	
	-0.9	0.6							6.9	0.7							
			활하중 Max	I	2.5	0.7	53.1				활하중 Max	I	5.4	0.9	31.3		
1.5	194536.3	1003.3		J	2.5	0.7	53.1	3.7	72161.4	1316.8		J	5.4	0.9	31.3		
1.5	68304.5	753.9	Min	I	-1.7	-0.7	-10.2	-2.6	3.7	43322.1	945.1	Min	I	-3.6	-0.9	-32.0	-2.6
	-26842.1	-1061.5		J	-1.7	-0.7	-10.2	-2.6	-65313.3	-1338.6		J	-3.6	-0.9	-32.0	-2.6	
	-13534.4	-712.0							-44378.1	-930.0							
			합성전~2	I	3.1	0.0	-7.8	-2.5			합성전~2	I	7.0	0.0	-27.6		
	27479.3	5.4		J	3.1	0.0	-0.8	-2.5	2.5	-42745.3	74.1		J	7.0	0.0	-20.6	
	39580.8	-0.7							2.5	24905.1	-53.3						
	245	2	18 합성후~1	I	0.7	0.1	-6.9	-0.7	249	2	18 합성후~1	I	2.0	0.1	-7.0		
	-15616.3	184.1		J	0.7	0.1	-6.9	-0.7	0.2	-13899.6	123.8		J	2.0	0.1	-7.0	
	3855.2	-126.6							0.2	5870.1	-88.3						
			단위모~1	I	-0.1	-0.0	-0.0	0.0			단위모~1	I	-0.1	-0.0	0.1	0.0	
	-2.2	-0.9		J	-0.1	-0.0	-0.0	0.0	49.2	-1.3		J	-0.1	-0.0	0.1	0.0	
	13.1	0.6							-121.4	1.0							
			활하중 Max	I	5.4	0.9	34.5				활하중 Max	I	9.2	0.8	41.3		
2.5	77696.0	1317.6		J	5.4	0.9	34.5	2.8	147064.7	1181.4		J	9.2	0.8	41.3		
2.5	43616.7	949.4	Min	I	-3.6	-0.9	-32.1	-3.4	2.8	50192.6	805.2	Min	I	-6.1	-0.8	-33.6	-2.5
	-63918.7	-1342.1		J	-3.6	-0.9	-32.1	-3.4	-92431.1	-1142.7		J	-6.1	-0.8	-33.6	-2.5	
	-44411.6	-931.6							-33601.8	-834.0							
			합성전~2	I	6.8	0.0	-16.5	-2.3			합성전~2	I	11.7	0.1	-44.9		
	-13110.0	61.2		J	6.8	0.0	-9.5	-2.3	2.1	-61904.1	193.3		J	11.7	0.1	-37.9	
	23406.6	-39.6							2.1	54395.6	-143.2						
	246	2	18 합성후~1	I	1.9	0.1	-5.8	-0.6	250	2	18 합성후~1	I	0.6	0.0	4.7		
	-8617.8	119.0		J	1.9	0.1	-5.8	-0.6	-0.5	18877.3	171.1		J	0.6	0.0	4.7	
	7774.1	-82.1							-0.5	5741.4	41.5						
			단위모~1	I	-0.1	-0.0	0.1	-0.0			단위모~1	I	-0.0	-0.0	0.0	-0.0	
	62.6	-1.1		J	-0.1	-0.0	0.1	-0.0	1.0	-1.0		J	-0.0	-0.0	0.0	-0.0	
	-113.9	0.7							-2.5	0.6							
			활하중 Max	I	9.1	0.8	43.1				활하중 Max	I	2.2	0.6	67.3		
2.5	150416.6	1176.8		J	9.1	0.8	43.1	2.8	261742.9	935.2		J	2.2	0.6	67.3		
2.5	47838.0	807.2	Min	I	-6.0	-0.8	-32.2	-2.8	2.8	99926.8	610.3	Min	I	-1.4	-0.6	-32.3	-1.6
	-87844.8	-1142.6		J	-6.0	-0.8	-32.2	-2.8	-88232.7	-985.4		J	-1.4	-0.6	-32.3	-1.6	
	-33627.3	-829.8							-30231.0	-579.4							
			합성전~2	I	11.6	0.1	-34.7	-2.0			합성전~2	I	2.8	0.0	-43.7		
	-36801.5	170.9		J	11.6	0.1	-27.7	-2.0	1.9	-49816.3	23.9		J	2.8	0.0	-36.7	
	50896.6	-112.8							1.9	63111.0	-15.5						
	247	2	18 합성후~1	I	-0.1	-0.0	-2.6	-0.5	251	2	18 합성후~1	I	0.8	0.1	-8.9	-0.2	
	-7740.1	51.3		J	-0.1	-0.0	-2.6	-0.5	-30155.8	179.3		J	0.8	0.1	-8.9	-0.2	
	-501.9	105.1							-5046.0	-108.4							
			단위모~1	I	-0.0	-0.0	-0.0	-0.0			단위모~1	I	-0.0	-0.0	-0.0	-0.0	
	-2.8	-1.0		J	-0.0	-0.0	-0.0	-0.0	-7.8	-1.1		J	-0.0	-0.0	-0.0	-0.0	
	-2.1	0.7							-7.5	0.6							
			활하중 Max	I	2.4	0.7	50.8				활하중 Max	I	4.4	0.8	48.8		
2.7	191654.1	1001.3		J	2.4	0.7	50.8	3.6	150114.9	1233.5		J	4.4	0.8	48.8		
2.7	67639.5	749.1	Min	I	-1.6	-0.7	-10.0	-1.8	3.6	88909.8	771.7	Min	I	-2.9	-0.8	-63.6	-2.2
	-24412.5	-1057.0		J	-1.6	-0.7	-10.0	-1.8	-160757.0	-1251.9		J	-2.9	-0.8	-63.6	-2.2	
	-11744.0	-709.6							-67315.0	-760.9							
			합성전~2	I	3.2	0.0	-18.2				합성전~2	I	5.6	0.0	-49.7		
2.5	-3388.5	16.0		J	3.2	0.0	-11.2	1.6	-73102.6	79.5		J	5.6	0.0	-42.7		
2.5	37864.2	-11.4						1.6	56720.5	-50.8							
	248	2	18 합성후~1	I	0.9	0.1	-7.3	-0.0	252	2	18 합성후~1	I	1.2	0.1	-10.4		
	-22025.6	186.7		J	0.9	0.1	-7.3	-0.0	0.0	-22738.3	118.9		J	1.2	0.1	-10.4	
	-1553.5	-129.7							0.0	6544.7	-73.8						

			단위모~1	I	-0.1	-0.0	0.0	-0.0			단위모~1	I	-0.1	-0.0	-0.0	0.0	
	-3.8	-1.4		J	-0.1	-0.0	0.0	-0.0		-178.4	-1.4		J	-0.1	-0.0	-0.0	0.0
	-40.9	0.8								-168.2	0.9						
			활하중 Max	I	1.0	0.8	75.6					활하중 Max	I	0.3	0.7	93.3	
1.7	221294.6	1236.2		J	1.0	0.8	75.6		1.4	365051.9	1123.8		J	0.3	0.7	93.3	
1.7	169585.9	779.6							1.4	126895.4	673.4						
			Min	I	-0.7	-0.8	-103.5	-1.6				Min	I	-0.3	-0.7	-63.0	-2.0
	-226076.8	-1249.1		J	-0.7	-0.8	-103.5	-1.6		-174912.5	-1078.7		J	-0.3	-0.7	-63.0	-2.0
	-89282.1	-772.2								-45249.6	-702.2						
			합성전~2	I	1.3	0.1	-41.4					합성전~2	I	0.0	0.1	-27.6	-0.0
0.3	-26978.6	106.6		J	1.3	0.1	-34.3			7590.5	226.6		J	0.0	0.1	-20.6	-0.0
0.3	79378.6	-69.4								75337.7	-144.6						
	261	2	18 합성후~1	I	0.3	0.1	-7.9			265	2	18 합성후~1	I	0.2	0.4	11.3	
0.1	-25503.0	126.5		J	0.3	0.1	-7.9		0.4	40564.3	668.3		J	0.2	0.4	11.3	
0.1	-3422.2	-79.5							0.4	8843.6	-387.6						
			단위모~1	I	-0.0	-0.0	-0.0	0.0				단위모~1	I	-0.1	-0.0	0.0	0.0
	-148.6	-1.4		J	-0.0	-0.0	-0.0	0.0		12.4	-1.5		J	-0.1	-0.0	0.0	0.0
	-125.8	0.9								3.4	0.9						
			활하중 Max	I	0.9	0.7	92.5					활하중 Max	I	0.6	0.6	75.4	
1.6	361262.1	1122.6		J	0.9	0.7	92.5		0.8	315799.7	924.4		J	0.6	0.6	75.4	
1.6	126102.4	673.3							0.8	135655.1	604.3						
			Min	I	-0.6	-0.7	-65.2	-1.6				Min	I	-0.8	-0.6	-51.4	-1.9
	-173605.5	-1078.6		J	-0.6	-0.7	-65.2	-1.6		-137163.5	-966.8		J	-0.8	-0.6	-51.4	-1.9
	-47514.8	-701.4								-51409.4	-578.4						
			합성전~2	I	1.2	0.1	-31.8					합성전~2	I	-0.6	0.0	-42.6	-0.8
0.2	-143.2	220.6		J	1.2	0.1	-24.8			-35702.5	58.1		J	-0.6	0.0	-35.5	-0.8
0.2	79349.0	-141.1								74060.2	-39.2						
	262	2	18 합성후~1	I	0.5	0.3	14.8	14.8		266	2	18 합성후~1	I	-0.1	0.1	-1.3	0.4
0.2	50247.4	611.2		J	0.5	0.3	14.8	14.8		-15426.9	195.2		J	-0.1	0.1	-1.3	0.4
0.2	8678.1	-338.2								-11644.3	-122.0						
			단위모~1	I	-0.1	-0.0	0.0	0.0				단위모~1	I	-0.2	-0.0	0.0	-0.0
	16.3	-1.5		J	-0.1	-0.0	0.0	0.0		36.0	-1.5		J	-0.2	-0.0	0.0	-0.0
	2.3	0.8								-23.3	0.8						
			활하중 Max	I	0.3	0.6	78.9					활하중 Max	I	1.1	0.8	66.2	
0.7	322330.2	925.8		J	0.3	0.6	78.9		1.5	208324.0	1235.3		J	1.1	0.8	66.2	
0.7	145337.8	604.9							1.5	151519.9	779.0						
			Min	I	-0.2	-0.6	-60.6	-1.2				Min	I	-1.4	-0.8	-88.5	-2.4
	-155902.2	-969.1		J	-0.2	-0.6	-60.6	-1.2		-216006.6	-1246.0		J	-1.4	-0.8	-88.5	-2.4
	-59401.0	-578.4								-86269.0	-773.0						
			합성전~2	I	0.1	0.0	-47.5	-0.1				합성전~2	I	-1.3	0.1	-33.7	-0.6
	-50179.0	54.0		J	0.1	0.0	-40.5	-0.1		-9646.0	116.9		J	-1.3	0.1	-26.7	-0.6
	73560.1	-36.3								75202.1	-76.3						
	263	2	18 합성후~1	I	0.2	0.1	-0.1	-0.1		267	2	18 합성후~1	I	-0.2	0.1	-7.0	0.1
0.3	-16126.6	193.4		J	0.2	0.1	-0.1	-0.1		-21154.8	129.1		J	-0.2	0.1	-7.0	0.1
0.3	-15879.4	-120.4								-1583.3	-81.4						
			단위모~1	I	-0.1	-0.0	0.0	-0.0				단위모~1	I	-0.2	-0.0	0.0	-0.0
	14.5	-1.4		J	-0.1	-0.0	0.0	-0.0		-174.5	-1.3		J	-0.2	-0.0	0.0	-0.0
	-38.2	0.8								-236.7	0.9						
			활하중 Max	I	0.4	0.8	75.2					활하중 Max	I	1.0	0.7	88.0	
1.4	224300.2	1235.1		J	0.4	0.8	75.2		1.8	354145.8	1125.8		J	1.0	0.7	88.0	
1.4	167193.6	777.9							1.8	121260.4	675.5						
			Min	I	-0.4	-0.8	-100.8	-1.9				Min	I	-1.4	-0.7	-54.0	-2.4
	-226378.3	-1246.7		J	-0.4	-0.8	-100.8	-1.9		-162945.8	-1079.7		J	-1.4	-0.7	-54.0	-2.4
	-88723.9	-771.4								-41535.3	-705.0						
			합성전~2	I	0.1	0.1	-37.1	-0.1				합성전~2	I	-1.4	0.1	-26.5	-0.3
	-15045.9	112.4		J	0.1	0.1	-30.1	-0.1		5651.4	231.6		J	-1.4	0.1	-19.4	-0.3
	79421.4	-73.1								70173.4	-148.1						
	264	2	18 합성후~1	I	0.1	0.1	-7.2			268	2	18 합성후~1	I	-0.0	0.4	5.1	
0.1	-23532.4	127.9		J	0.1	0.1	-7.2		0.7	22150.6	699.8		J	-0.0	0.4	5.1	
0.1	-3411.6	-80.4							0.7	7801.3	-405.3						

			단위모~1	I	0.1	-0.0	-0.0	0.0				단위모~1	I	0.1	-0.0	-0.0	-0.0
	1.2	-1.0		J	0.1	-0.0	-0.0	0.0		47.2	-0.9		J	0.1	-0.0	-0.0	-0.0
	10.9	1.6								91.0	1.4						
			활하중	Max	I	0.8	0.6	72.9				활하중	Max	I	0.4	0.8	73.3
1.9	135660.5	565.7		J	0.8	0.6	72.9		1.6	167542.3	736.4		J	0.4	0.8	73.3	
1.9	183921.4	943.4							1.6	373363.3	1190.1						
			Min	I	-0.5	-0.6	-54.3	-1.9				Min	I	-0.4	-0.8	-104.4	-1.8
	-52206.9	-591.7		J	-0.5	-0.6	-54.3	-1.9		-89884.0	-741.9		J	-0.4	-0.8	-104.4	-1.8
	-129960.6	-901.2								-165725.4	-1180.3						
			합성전~2	I	0.7	0.0	16.9					합성전~2	I	-0.1	0.1	28.0	-0.1
-0.2	70552.3	41.9		J	0.7	0.0	23.9			79189.4	76.6		J	-0.1	0.1	35.1	-0.1
-0.2	13205.1	-63.3								-9516.6	-119.3						
	293	2	18 합성후~1	I	0.3	0.1	9.5			297	2	18 합성후~1	I	0.0	0.1	5.7	
-0.3	-8653.4	122.9		J	0.3	0.1	9.5		0.0	-214.2	74.8		J	0.0	0.1	5.7	
-0.3	-35282.5	-200.2							0.0	-16375.4	-120.4						
			단위모~1	I	0.2	-0.0	-0.0	-0.0				단위모~1	I	0.1	-0.0	0.0	
	32.9	-0.9		J	0.2	-0.0	-0.0	-0.0		0.0	173.0	-1.9	J	0.1	-0.0	0.0	
	84.0	1.5								0.0	138.2	2.8					
			활하중	Max	I	1.5	0.8	63.1				활하중	Max	I	0.3	0.7	90.6
2.1	151051.7	737.2		J	1.5	0.8	63.1		1.7	126652.3	641.7		J	0.3	0.7	90.6	
2.1	354354.1	1188.3							1.7	193106.3	983.4						
			Min	I	-0.9	-0.8	-93.3	-2.1				Min	I	-0.2	-0.6	-64.7	-1.6
	-87407.9	-742.2		J	-0.9	-0.8	-93.3	-2.1		-44878.4	-612.2		J	-0.2	-0.6	-64.7	-1.6
	-155388.1	-1179.4								-172766.0	-1030.2						
			합성전~2	I	1.3	0.1	24.9					합성전~2	I	-0.0	0.1	37.2	-0.0
-0.6	74891.6	79.6		J	1.3	0.1	32.0			75082.0	145.1		J	-0.0	0.1	44.3	-0.0
-0.6	-5078.4	-123.6								-39461.4	-230.6						
	294	2	18 합성후~1	I	0.3	0.1	4.9			298	2	18 합성후~1	I	0.0	0.7	26.1	
-0.1	2046.6	75.3		J	0.3	0.1	4.9		0.3	10542.6	640.1		J	0.0	0.7	26.1	
-0.1	-11832.1	-120.9							0.3	-62833.0	-1219.2						
			단위모~1	I	0.2	-0.0	-0.0	-0.0				단위모~1	I	0.0	-0.0	-0.0	-0.0
	240.7	-1.9		J	0.2	-0.0	-0.0	-0.0		4.1	-0.8		J	0.0	-0.0	-0.0	-0.0
	267.6	2.8								17.6	1.4						
			활하중	Max	I	1.5	0.7	84.1				활하중	Max	I	0.4	0.6	79.0
1.6	122635.4	642.3		J	1.5	0.7	84.1		1.2	149221.2	566.0		J	0.4	0.6	79.0	
1.6	184538.2	981.8							1.2	191021.8	947.8						
			Min	I	-0.9	-0.6	-56.9	-2.0				Min	I	-0.7	-0.6	-62.0	-1.6
	-40680.6	-612.3		J	-0.9	-0.6	-56.9	-2.0		-62523.5	-593.4		J	-0.7	-0.6	-62.0	-1.6
	-163709.9	-1029.2								-133284.9	-903.5						
			합성전~2	I	1.4	0.1	32.5					합성전~2	I	-0.8	0.0	21.6	
-0.8	76509.2	147.4		J	1.4	0.1	39.5		0.2	77253.4	35.6		J	-0.8	0.0	28.6	
-0.8	-24575.8	-233.9							0.2	6647.6	-53.8						
	295	2	18 합성후~1	I	0.2	0.7	25.7			299	2	18 합성후~1	I	-0.2	0.1	12.3	
-0.1	9530.1	644.3		J	0.2	0.7	25.7		0.2	-11184.9	121.6		J	-0.2	0.1	12.3	
-0.1	-62812.6	-1234.3							0.2	-45776.9	-198.1						
			단위모~1	I	0.1	-0.0	-0.0	-0.0				단위모~1	I	0.1	-0.0	-0.0	-0.0
	2.5	-0.9		J	0.1	-0.0	-0.0	-0.0		48.6	-0.8		J	0.1	-0.0	-0.0	-0.0
	15.8	1.5								79.0	1.4						
			활하중	Max	I	0.2	0.6	76.8				활하중	Max	I	0.7	0.8	75.1
1.4	145558.9	564.9		J	0.2	0.6	76.8		1.5	169911.8	738.2		J	0.7	0.8	75.1	
1.4	196185.6	944.8							1.5	370640.9	1193.9						
			Min	I	-0.3	-0.6	-62.6	-1.7				Min	I	-1.1	-0.8	-104.7	-1.8
	-60289.9	-591.4		J	-0.3	-0.6	-62.6	-1.7		-90223.9	-744.6		J	-1.1	-0.8	-104.7	-1.8
	-133894.1	-901.8								-165149.3	-1182.9						
			합성전~2	I	-0.1	0.0	17.4					합성전~2	I	-1.3	0.1	32.4	
0.0	74320.4	39.2		J	-0.1	0.0	24.5		0.3	79154.8	72.9		J	-1.3	0.1	39.4	
0.0	15431.4	-59.3							0.3	-21665.1	-113.7						
	296	2	18 합성후~1	I	0.1	0.1	11.5			300	2	18 합성후~1	I	-0.2	0.1	6.5	
-0.0	-11232.6	122.1		J	0.1	0.1	11.5		0.1	-1045.4	74.6		J	-0.2	0.1	6.5	
-0.0	-43470.4	-199.2							0.1	-19268.4	-119.8						

0.0	130.4	단위모~1	I	0.0	-0.0	0.0	4.5	-0.7	단위모~1	I	0.0	-0.0	-0.0	-0.0
0.0	93.8	2.7	J	0.0	-0.0	0.0	10.4	1.2	J	0.0	-0.0	-0.0	-0.0	
1.7	127131.6	활하중 Max	I	0.6	0.7	91.3	1.7	126412.5	569.8	활하중 Max	I	1.1	0.6	74.9
1.7	183799.7	986.7	J	0.6	0.7	91.3	1.7	150993.3	956.5	J	1.1	0.6	74.9	
-47128.9	-614.3	Min	I	-1.0	-0.6	-66.1	-1.8	-47938.3	-599.6	Min	I	-1.8	-0.6	-45.1
-176694.3	-1032.6	J	I	-1.0	-0.6	-66.1	-1.8	-131809.8	-908.7	J	I	-1.8	-0.6	-45.1
0.6	72003.8	합성전~2	I	-1.2	0.1	40.1	0.3	76915.6	합성전~2	I	-2.2	0.0	38.5	
0.6	-50551.0	-226.5	J	-1.2	0.1	47.1	0.3	-41039.7	-37.7	J	-2.2	0.0	45.5	
301	2	18 합성후~1	I	-0.1	0.7	23.7	305	2	18 합성후~1	I	-0.6	0.1	10.9	
0.6	10578.1	636.8	J	-0.1	0.7	23.7	0.5	-4212.8	120.1	J	-0.6	0.1	10.9	
0.6	-55904.6	-1202.0	J	-0.1	0.7	23.7	0.5	-34732.0	-195.0	J	-0.6	0.1	10.9	
4.8	-0.8	단위모~1	I	0.0	-0.0	-0.0	-0.0	26.4	-0.8	단위모~1	I	0.0	-0.0	-0.0
15.5	1.3	J	I	0.0	-0.0	-0.0	-0.0	37.5	1.3	J	I	0.0	-0.0	-0.0
1.5	142537.2	활하중 Max	I	0.8	0.6	77.7	2.3	130203.3	744.0	활하중 Max	I	2.1	0.8	63.2
1.5	178164.0	951.4	J	0.8	0.6	77.7	2.3	309493.0	1205.2	J	2.1	0.8	63.2	
-58940.2	-595.6	Min	I	-1.3	-0.6	-55.7	-1.8	-81602.5	-752.7	Min	I	-3.4	-0.8	-80.3
-131060.4	-905.6	J	I	-1.3	-0.6	-55.7	-1.8	-163199.7	-1190.6	J	I	-3.4	-0.8	-80.3
0.2	75719.0	합성전~2	I	-1.5	0.0	27.1	0.9	66075.1	합성전~2	I	-4.1	0.1	41.0	
0.2	-10203.1	-46.6	J	-1.5	0.0	34.1	0.9	-59032.6	-96.9	J	-4.1	0.1	48.0	
302	2	18 합성후~1	I	-0.4	0.1	11.7	306	2	18 합성후~1	I	-0.7	0.1	8.1	
0.4	-9244.3	120.8	J	-0.4	0.1	11.7	0.3	1301.6	73.9	J	-0.7	0.1	8.1	
0.4	-42173.7	-196.7	J	-0.4	0.1	11.7	0.3	-21466.8	-118.0	J	-0.7	0.1	8.1	
40.6	-0.8	단위모~1	I	0.0	-0.0	-0.0	0.0	93.8	-1.7	단위모~1	I	0.0	-0.0	-0.0
60.1	1.3	J	I	0.0	-0.0	-0.0	0.0	119.7	2.5	J	I	0.0	-0.0	-0.0
1.8	156767.3	활하중 Max	I	1.4	0.8	70.4	2.6	108314.4	648.5	활하중 Max	I	2.3	0.7	80.5
1.8	351037.9	1198.6	J	1.4	0.8	70.4	2.6	154080.9	996.3	J	2.3	0.7	80.5	
-88261.8	-747.5	Min	I	-2.2	-0.8	-97.8	-2.1	-45010.3	-620.7	Min	I	-3.7	-0.6	-54.5
-166099.3	-1186.0	J	I	-2.2	-0.8	-97.8	-2.1	-173870.3	-1039.6	J	I	-3.7	-0.6	-54.5
0.6	71789.2	합성전~2	I	-2.6	0.1	35.3	1.3	61296.9	합성전~2	I	-4.4	0.1	40.8	
0.6	-37217.9	-106.2	J	-2.6	0.1	42.3	1.3	-63182.4	-214.5	J	-4.4	0.1	47.8	
303	2	18 합성후~1	I	-0.4	0.1	6.9	307	2	18 합성후~1	I	-0.4	0.6	13.4	
0.2	-991.7	74.2	J	-0.4	0.1	6.9	0.9	11100.6	618.9	J	-0.4	0.6	13.4	
0.2	-20483.3	-119.0	J	-0.4	0.1	6.9	0.9	-26646.9	-1155.3	J	-0.4	0.6	13.4	
0.0	104.6	단위모~1	I	0.0	-0.0	0.0	3.5	-0.6	단위모~1	I	0.0	-0.0	-0.0	-0.0
0.0	90.7	2.7	J	0.0	-0.0	0.0	5.1	1.1	J	0.0	-0.0	-0.0	-0.0	
2.0	122940.8	활하중 Max	I	1.3	0.7	85.9	2.1	101325.8	560.7	활하중 Max	I	1.5	0.6	66.9
2.0	180825.0	990.7	J	1.3	0.7	85.9	2.1	109965.4	956.0	J	1.5	0.6	66.9	
-47828.9	-616.6	Min	I	-2.1	-0.6	-62.6	-1.9	-31384.7	-591.3	Min	I	-2.4	-0.6	-31.5
-181254.3	-1035.4	J	I	-2.1	-0.6	-62.6	-1.9	-121242.3	-906.5	J	I	-2.4	-0.6	-31.5
1.0	64406.6	합성전~2	I	-2.5	0.1	39.6	1.0	74036.2	합성전~2	I	-2.8	0.0	47.4	
1.0	-56870.8	-221.1	J	-2.5	0.1	46.7	1.0	-69002.6	-27.6	J	-2.8	0.0	54.4	
304	2	18 합성후~1	I	-0.3	0.6	19.6	308	2	18 합성후~1	I	-0.9	0.1	9.3	
0.8	11356.5	636.7	J	-0.3	0.6	19.6	0.6	1704.3	116.6	J	-0.9	0.1	9.3	
0.8	-43803.3	-1184.0	J	-0.3	0.6	19.6	0.6	-24346.2	-191.9	J	-0.9	0.1	9.3	

	9.1	-0.7	단위모~1	I	0.0	-0.0	-0.0	0.0		124.8	-1.8	단위모~1	I	0.1	-0.0	-0.1	-0.0
	9.1	1.2		J	0.0	-0.0	-0.0	0.0		290.6	2.4		J	0.1	-0.0	-0.1	-0.0
2.8	90274.1	732.5	활하중 Max	I	3.0	0.8	51.2		3.2	46724.2	783.0	활하중 Max	I	6.2	0.7	36.6	
2.8	227865.0	1205.0		J	3.0	0.8	51.2		3.2	89008.9	1069.1		J	6.2	0.7	36.6	
	-67801.2	-742.6	Min	I	-4.8	-0.8	-63.2	-2.8		-35281.0	-752.0	Min	I	-10.0	-0.7	-33.0	-2.3
	-142041.1	-1188.2		J	-4.8	-0.8	-63.2	-2.8		-70749.8	-1111.1		J	-10.0	-0.7	-33.0	-2.3
1.5	57939.7	53.8	합성전~2	I	-5.7	0.0	42.3		2.6	27553.5	153.5	합성전~2	I	-11.7	0.1	16.0	
1.5	-70771.8	-85.7		J	-5.7	0.0	49.3		2.6	-27268.5	-208.6		J	-11.7	0.1	23.0	
309	2	18	합성후~1	I	-1.2	0.1	9.0		313	2	18	합성후~1	I	-0.7	0.7	-1.2	-0.5
0.4	4223.3	71.8		J	-1.2	0.1	9.0		2363.2	788.1		J	-0.7	0.7	-1.2	-0.5	
0.4	-21181.4	-116.1							5838.8	-1191.9							
	99.5	-1.6	단위모~1	I	0.1	-0.0	-0.0	0.0		0.0	0.8	-0.6	I	0.0	-0.0	0.0	
	184.4	2.4		J	0.1	-0.0	-0.0	0.0		0.0	-1.6	0.9	J	0.0	-0.0	0.0	
3.1	80988.7	638.4	활하중 Max	I	3.8	0.7	67.1		2.3	67605.2	690.5	활하중 Max	I	1.6	0.7	47.4	
3.1	128581.9	996.3		J	3.8	0.7	67.1		2.3	45546.9	1032.4		J	1.6	0.7	47.4	
	-42506.2	-612.1	Min	I	-6.2	-0.6	-44.7	-2.1		-12802.5	-732.0	Min	I	-2.6	-0.7	-13.5	-2.6
	-139052.5	-1037.6		J	-6.2	-0.6	-44.7	-2.1		-81449.9	-974.8		J	-2.6	-0.7	-13.5	-2.6
1.9	56912.4	129.8	합성전~2	I	-7.4	0.1	38.3		41195.7	1.8	합성전~2	I	-3.1	0.0	22.9	-2.1	
1.9	-60580.6	-204.6		J	-7.4	0.1	45.3		-33144.4	-7.0		J	-3.1	0.0	30.0	-2.1	
310	2	18	합성후~1	I	-0.1	0.7	1.9		314	2	18	합성후~1	I	-1.1	0.1	0.0	-0.3
0.9	4309.8	800.7		J	-0.1	0.7	1.9		2217.9	139.4		J	-1.1	0.1	0.0	-0.3	
0.9	-905.2	-1221.7							2137.7	-199.9							
	2.3	-0.7	단위모~1	I	0.0	-0.0	0.0	-0.0		0.0	-12.7	-0.7	I	0.1	-0.0	0.0	
	1.5	1.0		J	0.0	-0.0	0.0	-0.0		0.0	-23.0	1.0	J	0.1	-0.0	0.0	
2.5	68617.5	686.0	활하중 Max	I	1.8	0.7	47.6		2.6	43061.3	905.2	활하중 Max	I	3.4	0.9	30.3	
2.5	39769.0	1024.8		J	1.8	0.7	47.6		2.6	133618.4	1304.0		J	3.4	0.9	30.3	
	-12511.5	-725.0	Min	I	-2.8	-0.7	-11.6	-2.5		-44074.4	-922.8	Min	I	-5.7	-0.9	-38.6	-3.1
	-83960.8	-969.7		J	-2.8	-0.7	-11.6	-2.5		-97387.1	-1280.2		J	-5.7	-0.9	-38.6	-3.1
2.1	44428.7	13.2	합성전~2	I	-3.2	0.0	32.9		25671.7	41.5	합성전~2	I	-6.9	0.0	9.8	-2.3	
2.1	-58044.9	-19.0		J	-3.2	0.0	40.0		-11807.3	-64.2		J	-6.9	0.0	16.8	-2.3	
311	2	18	합성후~1	I	-1.0	0.1	3.1		315	2	18	합성후~1	I	-1.9	0.1	3.1	-0.3
0.7	1565.5	141.8		J	-1.0	0.1	3.1		3590.8	82.0		J	-1.9	0.1	3.1	-0.3	
0.7	-7193.6	-202.6							-4994.6	-118.3							
0.0	-6.5	-0.8	단위모~1	I	0.1	-0.0	0.0			115.5	-1.4	단위모~1	I	0.1	-0.0	-0.1	0.0
0.0	-18.4	1.1		J	0.1	-0.0	0.0			283.8	2.0		J	0.1	-0.0	-0.1	0.0
3.1	43987.2	898.1	활하중 Max	I	3.8	0.9	31.5		2.0	46242.9	790.6	활하중 Max	I	6.0	0.8	37.5	
3.1	128973.3	1292.8		J	3.8	0.9	31.5		2.0	95212.1	1082.8		J	6.0	0.8	37.5	
	-44793.5	-912.4	Min	I	-6.1	-0.9	-36.2	-2.8		-36003.6	-766.5	Min	I	-9.7	-0.7	-35.2	-3.2
	-102034.9	-1272.2		J	-6.1	-0.9	-36.2	-2.8		-77136.5	-1119.3		J	-9.7	-0.7	-35.2	-3.2
2.4	27070.8	56.5	합성전~2	I	-7.0	0.0	20.8		29369.3	121.1	합성전~2	I	-11.7	0.1	5.6	-2.5	
2.4	-41162.8	-79.4		J	-7.0	0.0	27.8		3901.8	-182.1		J	-11.7	0.1	12.6	-2.5	
312	2	18	합성후~1	I	-1.9	0.1	5.5		316	2	18	합성후~1	I	-0.1	0.6	7.2	-0.5
0.6	1737.1	87.1		J	-1.9	0.1	5.5		6770.2	612.1		J	-0.1	0.6	7.2	-0.5	
0.6	-13629.2	-122.4							-13387.9	-1080.2							

0.0	-0.8	단위모~1	I	0.0	-0.0	0.0			단위모~1	I	0.0	-0.0	-0.0	-0.0			
		-0.4	J	0.0	-0.0	0.0	-6.0	-0.4		J	0.0	-0.0	-0.0	-0.0			
0.0	-4.2	0.8					3.2	0.8									
2.1	99089.2	활하중 Max	I	1.4	0.6	66.1			활하중 Max	I	1.8	0.8	61.7				
		568.8	J	1.4	0.6	66.1	1.9	124170.3	764.4	J	1.8	0.8	61.7				
2.1	115119.4	974.0	Min	I	-2.2	-0.6	-34.8	-2.2	1.9	312745.4	1246.3	Min	I	-3.0	-0.8	-82.7	-2.0
			J		-2.2	-0.6	-34.8	-2.2				J		-3.0	-0.8	-82.7	-2.0
-30035.5	-604.1								-79785.4	-781.9							
-119116.1	-918.2								-158206.7	-1220.0							
		합성전~2	I	-2.6	-0.0	31.2	-1.0			합성전~2	I	-3.5	0.0	23.3	-0.8		
66303.8	-4.9		J	-2.6	-0.0	38.2	-1.0	60374.9	21.8		J	-3.5	0.0	30.3	-0.8		
-31276.5	1.8							-14980.0	-42.4								
317	2	18 합성후~1	I	-0.8	0.1	2.6	-0.2	321	2	18 합성후~1	I	-0.6	0.1	3.4	-0.1		
4200.0	112.6		J	-0.8	0.1	2.6	-0.2	9639.1	66.9		J	-0.6	0.1	3.4	-0.1		
-3023.9	-185.4							172.7	-108.6								
		단위모~1	I	0.0	-0.0	-0.0	0.0			단위모~1	I	0.0	-0.0	-0.0	0.0		
-9.9	-0.5		J	0.0	-0.0	-0.0	0.0	39.9	-0.9		J	0.0	-0.0	-0.0	0.0		
-6.9	0.8							84.2	1.5								
		활하중 Max	I	2.8	0.8	49.9				활하중 Max	I	2.1	0.7	78.8			
2.4	87314.9	745.6	J	2.8	0.8	49.9	1.4	104565.5	669.7	J	2.1	0.7	78.8				
2.4	239454.4	1231.1	Min	I	-4.5	-0.8	-66.8	-2.6	1.4	165282.4	1041.0	Min	I	-3.4	-0.7	-56.5	-2.2
			J		-4.5	-0.8	-66.8	-2.6				J		-3.4	-0.7	-56.5	-2.2
-66636.6	-761.6								-49587.9	-652.2							
-137557.7	-1206.6								-166772.4	-1070.7							
		합성전~2	I	-5.3	0.0	23.6	-1.5			합성전~2	I	-3.9	0.1	24.4	-1.1		
54627.9	26.5		J	-5.3	0.0	30.6	-1.5	67062.5	88.7		J	-3.9	0.1	31.5	-1.1		
-21571.9	-50.1							-11502.1	-149.6								
318	2	18 합성후~1	I	-1.1	0.1	4.3	-0.1	322	2	18 합성후~1	I	0.2	0.6	16.3			
9602.4	66.3		J	-1.1	0.1	4.3	-0.1	-0.0	6535.9	645.1		J	0.2	0.6	16.3		
-2587.8	-109.2							-0.0	-39218.2	-1043.2							
		단위모~1	I	0.1	-0.0	-0.0	-0.0			단위모~1	I	0.0	-0.0	0.0	-0.0		
71.0	-1.1		J	0.1	-0.0	-0.0	-0.0	-1.3	-0.4		J	0.0	-0.0	0.0	-0.0		
168.7	1.7							-2.2	0.7								
		활하중 Max	I	3.7	0.7	65.7				활하중 Max	I	0.5	0.6	75.4			
1.7	80642.6	651.6	J	3.7	0.7	65.7	1.5	133323.8	581.4	J	0.5	0.6	75.4				
1.7	146328.2	1024.8	Min	I	-6.0	-0.7	-48.6	-2.8	1.5	170561.5	987.3	Min	I	-0.9	-0.6	-55.0	-1.7
			J		-6.0	-0.7	-48.6	-2.8				J		-0.9	-0.6	-55.0	-1.7
-43399.9	-633.1								-54034.1	-618.7							
-138145.7	-1056.4								-124590.8	-929.1							
		합성전~2	I	-7.2	0.1	21.0	-1.9			합성전~2	I	-0.9	-0.0	21.2	-0.2		
62061.4	93.1		J	-7.2	0.1	28.0	-1.9	68701.8	-12.2		J	-0.9	-0.0	28.3	-0.2		
-6868.7	-158.9							-849.5	12.8								
319	2	18 합성후~1	I	0.0	0.6	12.7		323	2	18 합성후~1	I	-0.1	0.1	4.2	-0.0		
-0.3	6272.6	634.8	J	0.0	0.6	12.7		-773.3	114.1		J	-0.1	0.1	4.2	-0.0		
-0.3	-29535.4	-1064.8						-12582.9	-184.4								
		단위모~1	I	0.0	-0.0	0.0				단위모~1	I	0.0	-0.0	-0.0	-0.0		
0.0	-1.7	-0.4	J	0.0	-0.0	0.0		-2.6	-0.4		J	0.0	-0.0	-0.0	-0.0		
0.0	-4.3	0.7						4.6	0.8								
		활하중 Max	I	1.0	0.6	72.4				활하중 Max	I	1.0	0.8	66.7			
1.9	120648.5	582.0	J	1.0	0.6	72.4	1.6	146801.3	765.5	J	1.0	0.8	66.7				
1.9	153712.1	984.8	Min	I	-1.6	-0.6	-47.7	-1.7	1.6	340110.5	1251.8	Min	I	-1.6	-0.8	-92.1	-1.9
			J		-1.6	-0.6	-47.7	-1.7				J		-1.6	-0.8	-92.1	-1.9
-45167.2	-619.0								-85715.4	-783.5							
-125611.9	-927.3								-164926.2	-1224.3							
		합성전~2	I	-1.8	-0.0	24.1	-0.4			합성전~2	I	-1.7	0.0	25.5	-0.4		
67071.5	-9.7		J	-1.8	-0.0	31.1	-0.4	65234.6	19.0		J	-1.7	0.0	32.5	-0.4		
-10606.5	8.7							-16355.8	-37.5								
320	2	18 합성후~1	I	-0.4	0.1	3.2	-0.1	324	2	18 합성후~1	I	-0.2	0.1	3.2	-0.0		
849.9	114.4		J	-0.4	0.1	3.2	-0.1	9585.7	66.5		J	-0.2	0.1	3.2	-0.0		
-8178.0	-185.2							506.4	-108.0								

			단위모~1	I	0.0	-0.0	-0.0	0.0			단위모~1	I	-0.0	-0.0	-0.0	-0.0	
	18.2	-0.8							0.9	-0.4		J	-0.0	-0.0	-0.0	-0.0	
	33.8	1.4		J	0.0	-0.0	-0.0	0.0	4.0	0.7							
1.5	115290.0	672.8	활하중	Max	I	1.0	0.7	84.1	1.3	134209.3	582.1	활하중	Max	I	0.8	0.6	76.2
				J	1.0	0.7	84.1	J					0.8	0.6	76.2		
1.5	174010.8	1049.4	Min	I	-1.6	-0.7	-60.6	-1.7	1.3	165870.5	990.0	Min	I	-0.6	-0.6	-54.0	-1.6
-52424.7	-656.1	J		-1.6	-0.7	-60.6	-1.7	-54404.4	-619.2	J	-0.6		-0.6	-54.0	-1.6		
-170915.6	-1077.6								-126297.0	-931.9							
69624.5	84.9	합성전~2	I	-1.7	0.1	29.8	-0.6		0.2	70856.3	-11.8	합성전~2	I	0.9	-0.0	26.9	
			J	-1.7	0.1	36.8	-0.6	J					0.9	-0.0	34.0		
-24008.7	-143.2								0.2	-14723.5	12.8						
0.2	325	2	18	합성후~1	I	0.5	0.6	16.4	0.1	329	2	18	합성후~1	I	0.4	0.1	4.5
					J	0.5	0.6	16.4						J	0.4	0.1	4.5
0.2	-38788.2	-1024.1							0.1	-10320.3	-184.9						
			단위모~1	I	0.0	-0.0	-0.0	-0.0				단위모~1	I	-0.0	-0.0	0.0	-0.0
				J	0.0	-0.0	-0.0	-0.0					J	-0.0	-0.0	0.0	-0.0
	-0.2	-0.4							3.2	-0.5							
	0.8	0.7							-2.1	0.8							
1.2	138116.3	581.2	활하중	Max	I	0.4	0.6	77.1	1.7	147011.8	771.3	활하중	Max	I	1.5	0.8	67.9
				J	0.4	0.6	77.1	J					1.5	0.8	67.9		
1.2	174339.0	988.9	Min	I	-0.4	-0.6	-56.6	-1.5	1.7	335523.4	1261.4	Min	I	-1.0	-0.8	-89.9	-1.9
-57057.1	-618.6	J		-0.4	-0.6	-56.6	-1.5	-85745.3	-789.6	J	-1.0		-0.8	-89.9	-1.9		
-125619.6	-930.5								-168638.6	-1233.7							
70785.8	-12.8	합성전~2	I	-0.0	-0.0	22.6	-0.0		0.4	64983.8	18.9	합성전~2	I	1.7	0.0	32.2	
			J	-0.0	-0.0	29.7	-0.0	J					1.7	0.0	39.3		
-2706.2	14.1								0.4	-35496.7	-36.9						
0.1	326	2	18	합성후~1	I	0.2	0.1	4.8	0.0	330	2	18	합성후~1	I	0.3	0.1	4.0
					J	0.2	0.1	4.8						J	0.3	0.1	4.0
0.1	-13483.5	-184.2							0.0	-738.1	-108.8						
			단위모~1	I	0.0	-0.0	-0.0	-0.0				단위모~1	I	-0.0	-0.0	0.0	0.0
				J	0.0	-0.0	-0.0	-0.0					J	-0.0	-0.0	0.0	0.0
	0.3	-0.4							-17.1	-0.7							
	1.2	0.8							-33.3	1.1							
1.5	153166.7	767.5	활하중	Max	I	0.7	0.8	70.1	1.8	115274.4	683.5	활하중	Max	I	1.5	0.7	84.9
				J	0.7	0.8	70.1	J					1.5	0.7	84.9		
1.5	347576.3	1256.6	Min	I	-0.7	-0.8	-95.3	-1.7	1.8	167221.5	1066.3	Min	I	-1.0	-0.7	-59.4	-1.6
-87317.7	-785.8	J		-0.7	-0.8	-95.3	-1.7	-51151.5	-667.4	J	-1.0		-0.7	-59.4	-1.6		
-166414.0	-1228.7								-176015.0	-1093.6							
67575.8	18.1	합성전~2	I	-0.0	0.0	29.1	-0.0		0.6	70294.1	82.2	합성전~2	I	1.7	0.1	35.0	
			J	-0.0	0.0	36.1	-0.0	J					1.7	0.1	42.0		
-24118.6	-35.8								0.6	-37981.8	-139.4						
0.0	327	2	18	합성후~1	I	0.1	0.1	3.6	0.5	331	2	18	합성후~1	I	0.7	0.6	5.3
					J	0.1	0.1	3.6						J	0.7	0.6	5.3
0.0	-80.2	-108.0							0.5	-6553.8	-1003.5						
0.0			단위모~1	I	0.0	-0.0	0.0					단위모~1	I	-0.0	-0.0	-0.0	-0.0
				J	0.0	-0.0	0.0	J					-0.0	-0.0	-0.0	-0.0	
0.0	0.6	-0.8							1.3	-0.5							
	0.2	1.2							6.6	0.8							
1.5	114647.7	677.1	활하중	Max	I	0.6	0.7	85.9	1.6	121325.0	583.4	활하중	Max	I	1.4	0.6	74.0
				J	0.6	0.7	85.9	J					1.4	0.6	74.0		
1.5	169967.3	1057.6	Min	I	-0.6	-0.7	-62.3	-1.7	1.6	149633.6	990.1	Min	I	-0.9	-0.6	-45.9	-2.0
-52776.7	-660.9	J		-0.6	-0.7	-62.3	-1.7	-45633.0	-619.9	J	-0.9		-0.6	-45.9	-2.0		
-173419.4	-1085.1								-130492.1	-932.9							
0.0	71023.3	82.8	합성전~2	I	-0.0	0.1	34.2		0.3	70261.7	-9.0	합성전~2	I	1.8	-0.0	34.5	
				J	-0.0	0.1	41.2	J					1.8	-0.0	41.5		
0.0	-35017.7	-139.9							0.3	-36610.1	8.7						
0.4	328	2	18	합성후~1	I	0.6	0.6	12.4	0.1	332	2	18	합성후~1	I	0.6	0.1	4.0
					J	0.6	0.6	12.4						J	0.6	0.1	4.0
0.4	-27022.3	-1010.1							0.1	-5270.4	-186.5						

	6.7	-0.5	단위모~1	I	-0.0	-0.0	0.0	-0.0			단위모~1	I	-0.1	-0.0	0.0	0.0
	-0.1	0.8		J	-0.0	-0.0	0.0	-0.0	-70.2	-0.6		J	-0.1	-0.0	0.0	0.0
									-165.9	1.0						
2.1	124588.6	776.4	활하중 Max	I	2.7	0.8	63.1				활하중 Max	I	5.6	0.7	67.8	
				J	2.7	0.8	63.1	3.0	78828.8	683.6		J	5.6	0.7	67.8	
2.1	302814.5	1265.9						3.0	134382.4	1076.5						
	-79754.8	-794.2	Min	I	-1.8	-0.8	-79.9	-2.3			Min	I	-3.7	-0.7	-46.8	-2.0
				J	-1.8	-0.8	-79.9	-2.3	-42766.7	-667.1		J	-3.7	-0.7	-46.8	-2.0
-164843.1	-1238.8								-143065.5	-1105.3						
0.7	59669.1	합성전~2	I	3.4	0.0	35.7					합성전~2	I	7.1	0.1	27.4	
		21.6		J	3.4	0.0	42.7	1.5	72169.1	84.8		J	7.1	0.1	34.4	
0.7	-50517.6	-41.1						1.5	-14631.3	-147.1						
333	2	18 합성후~1	I	0.7	0.1	4.6		337	2	18 합성후~1	I	-0.2	0.7	-8.0	-0.1	
0.0	11470.3	68.2		J	0.7	0.1	4.6	2473.7	873.6		J	-0.2	0.7	-8.0	-0.1	
0.0	-1342.6	-110.2						25030.1	-1039.3							
			단위모~1	I	-0.0	-0.0	0.0	0.0			단위모~1	I	-0.0	-0.0	-0.0	-0.0
	-39.1	-0.6		J	-0.0	-0.0	0.0	0.0	-0.9	-0.7		J	-0.0	-0.0	-0.0	-0.0
	-83.0	1.1							3.5	1.0						
			활하중 Max	I	3.1	0.7	80.2				활하중 Max	I	2.4	0.7	48.0	
2.4	103522.7	691.4		J	3.1	0.7	80.2	2.6	68305.2	695.9		J	2.4	0.7	48.0	
2.4	154688.1	1075.4						2.6	41838.6	1044.3						
			Min	I	-2.1	-0.7	-54.3	-1.8			Min	I	-1.5	-0.7	-13.0	-2.4
	-46597.5	-675.2		J	-2.1	-0.7	-54.3	-1.8	-13534.5	-736.6		J	-1.5	-0.7	-13.0	-2.4
-174233.8	-1103.2								-83097.1	-987.2						
			합성전~2	I	3.9	0.1	33.0				합성전~2	I	3.1	0.0	27.3	
0.9	70356.2	83.1		J	3.9	0.1	40.0	1.9	39581.8	2.5		J	3.1	0.0	34.3	
0.9	-32269.9	-141.9						1.9	-46908.8	-6.6						
334	2	18 합성후~1	I	0.4	0.6	-2.5		338	2	18 합성후~1	I	0.8	0.1	0.5		
0.3	8495.6	755.1		J	0.4	0.6	-2.5	0.1	3855.2	144.8		J	0.8	0.1	0.5	
0.3	15634.1	-999.9						0.1	2557.9	-202.3						
			단위모~1	I	-0.0	-0.0	-0.0	-0.0			단위모~1	I	-0.1	-0.0	-0.0	0.0
	0.6	-0.5		J	-0.0	-0.0	-0.0	-0.0	13.1	-0.8		J	-0.1	-0.0	-0.0	0.0
	6.9	0.9							25.9	1.1						
			활하중 Max	I	2.0	0.6	67.3				활하중 Max	I	5.4	0.9	32.3	
2.2	99780.0	570.5		J	2.0	0.6	67.3	3.1	43616.6	933.0		J	5.4	0.9	32.3	
2.2	110470.6	981.9						3.1	131560.4	1344.6						
			Min	I	-1.3	-0.6	-32.4	-2.3			Min	I	-3.5	-0.9	-37.3	-2.7
	-30791.0	-605.1		J	-1.3	-0.6	-32.4	-2.3	-44411.7	-951.6		J	-3.5	-0.9	-37.3	-2.7
-122333.5	-926.6								-104050.1	-1319.3						
			합성전~2	I	2.5	-0.0	42.3				합성전~2	I	6.9	0.0	18.2	
0.9	68149.6	-3.9		J	2.5	-0.0	49.3	2.1	23407.3	40.1		J	6.9	0.0	25.2	
0.9	-60548.2	1.8						2.1	-37690.2	-61.0						
			합성후~1	I	0.7	0.1	3.6				합성후~1	I	1.9	0.1	1.6	
0.1	335	2		J	0.7	0.1	3.6	0.2	7774.2	84.8		J	1.9	0.1	1.6	
0.1	8833.1	117.6														
0.1	-1183.0	-187.6						0.2	3158.4	-121.5						
			단위모~1	I	-0.0	-0.0	0.0	-0.0			단위모~1	I	-0.1	-0.0	0.1	0.0
	10.6	-0.6		J	-0.0	-0.0	0.0	-0.0	-113.9	-0.7		J	-0.1	-0.0	0.1	0.0
	10.6	0.9							-277.8	1.1						
			활하중 Max	I	4.2	0.8	51.8				활하중 Max	I	9.1	0.8	36.8	
2.8	88122.9	763.1		J	4.2	0.8	51.8	3.2	47838.0	839.7		J	9.1	0.8	36.8	
2.8	229389.1	1260.3						3.2	101207.0	1154.4						
			Min	I	-2.7	-0.8	-63.9	-2.6			Min	I	-6.1	-0.8	-35.8	-2.3
	-66855.2	-779.7		J	-2.7	-0.8	-63.9	-2.6	-33626.9	-818.6		J	-6.1	-0.8	-35.8	-2.3
-144297.7	-1234.8								-70958.0	-1186.8						
			합성전~2	I	5.3	0.0	37.9				합성전~2	I	11.6	0.1	0.8	
1.4	53169.2	26.2		J	5.3	0.0	44.9	2.0	50897.1	108.1		J	11.6	0.1	7.8	
1.4	-63161.2	-48.1						2.0	38848.1	-165.1						
			합성후~1	I	1.2	0.1	4.9				합성후~1	I	-0.3	0.7	2.7	-1.6
0.1	336	2		J	1.2	0.1	4.9	340	2	18 합성후~1	I	-0.3	0.7	2.7	-1.6	
0.1	12439.1	68.2						-502.1	866.2		J	-0.3	0.7	2.7	-1.6	
0.1	-1425.1	-111.7						-8222.4	-1021.6							

			단위모~1	I	-0.1	-0.0	0.0	-0.0			단위모~1	I	-0.2	-0.0	0.0	0.0
	-38.2	-1.2								-236.7	-0.3					
	-90.5	1.7		J	-0.1	-0.0	0.0	-0.0		-298.6	0.5		J	-0.2	-0.0	0.0
			활하중	Max	I	0.4	0.8	73.9				활하중	Max	I	1.0	0.7
1.6	167193.8	773.7							2.2	121260.8	710.2					85.6
				J	0.4	0.8	73.9						J	1.0	0.7	85.6
1.6	371692.1	1248.6							2.2	177237.3	1085.1					
			Min	I	-0.4	-0.8	-103.1	-2.0				Min	I	-1.4	-0.7	-55.5
	-88724.5	-780.4								-41534.4	-680.6					-1.9
				J	-0.4	-0.8	-103.1	-2.0					J	-1.4	-0.7	-55.5
	-167143.0	-1237.3								-168926.6	-1131.9					-1.9
			합성전~2	I	0.1	0.1	29.6					합성전~2	I	-1.3	0.1	40.7
-0.0	79421.4	73.8							0.9	70173.7	149.1					47.7
-0.0	-13507.7	-115.3		J	0.1	0.1	36.6						J	-1.3	0.1	
									0.9	-53971.5	-235.9					
	357	2	18 합성후~1	I	0.1	0.1	6.5			361	2	18 합성후~1	I	-0.1	0.5	18.3
0.1	-3411.5	81.5							1.1	7801.6	527.8					
				J	0.1	0.1	6.5						J	-0.1	0.5	18.3
0.1	-21697.4	-129.6							1.1	-43512.8	-823.6					
			단위모~1	I	-0.1	-0.0	-0.0	0.0				단위모~1	I	-0.1	-0.0	0.0
	-168.2	-0.5								1.3	-1.5					
				J	-0.1	-0.0	-0.0	0.0					J	-0.1	-0.0	0.0
	-158.4	0.8								-1.9	2.1					
			활하중	Max	I	0.3	0.7	90.9				활하중	Max	I	1.0	0.6
1.6	126895.7	707.5							2.1	117524.0	559.5					64.7
				J	0.3	0.7	90.9						J	1.0	0.6	64.7
1.6	190021.4	1084.3							2.1	131979.6	955.3					
			Min	I	-0.3	-0.7	-64.4	-1.9				Min	I	-1.4	-0.6	-38.4
	-45248.8	-678.8								-37432.4	-584.4					-3.0
				J	-0.3	-0.7	-64.4	-1.9					J	-1.4	-0.6	-38.4
	-172690.9	-1129.9								-114673.8	-914.1					-3.0
			합성전~2	I	0.0	0.1	39.0					합성전~2	I	-1.4	0.0	31.7
0.2	75337.9	144.5							0.0	70215.2	39.2					
				J	0.0	0.1	46.1						J	-1.4	0.0	38.7
0.2	-44281.1	-229.4							0.0	-28798.8	-61.3					
			18 합성후~1	I	0.3	0.5	25.0			362	2	18 합성후~1	I	-0.5	0.1	10.0
0.8	8843.8	557.3							0.7	-5074.5	123.1					
				J	0.3	0.5	25.0						J	-0.5	0.1	10.0
0.8	-61472.2	-839.2							0.7	-33122.7	-199.3					
			단위모~1	I	-0.1	-0.0	0.0	0.0				단위모~1	I	-0.3	-0.0	0.0
	3.4	-1.4								9.5	-1.3					-0.0
				J	-0.1	-0.0	0.0	0.0					J	-0.3	-0.0	0.0
	-5.7	2.0								-22.6	1.8					-0.0
			활하중	Max	I	0.6	0.6	73.2				활하중	Max	I	2.0	0.8
1.6	135655.6	577.7							2.8	114498.4	750.9					47.8
				J	0.6	0.6	73.2						J	2.0	0.8	47.8
1.6	180025.2	965.3							2.8	287514.1	1235.1					
			Min	I	-0.8	-0.6	-52.6	-2.1				Min	I	-2.8	-0.8	-76.4
	-51410.0	-603.5								-79615.7	-756.5					-3.3
				J	-0.8	-0.6	-52.6	-2.1					J	-2.8	-0.8	-76.4
	-131752.4	-923.3								-134301.7	-1225.4					-3.3
			합성전~2	I	-0.6	0.0	24.6					합성전~2	I	-2.8	0.1	35.1
0.2	74060.1	39.5							0.7	64379.7	75.5					
				J	-0.6	0.0	31.6						J	-2.8	0.1	42.1
0.2	-4969.9	-59.8							0.7	-44094.9	-121.0					
			18 합성후~1	I	-0.1	0.1	12.4			363	2	18 합성후~1	I	-0.7	0.1	6.9
0.5	-11644.1	127.1							0.3	1643.5	80.6					
				J	-0.1	0.1	12.4						J	-0.7	0.1	6.9
0.5	-46497.9	-201.0							0.3	-17664.8	-130.8					
			단위모~1	I	-0.2	-0.0	0.0	-0.0				단위모~1	I	-0.3	-0.0	0.1
	-23.3	-1.3								-356.0	-0.1					0.0
				J	-0.2	-0.0	0.0	-0.0					J	-0.3	-0.0	0.1
	-82.5	1.8								-626.2	0.3					
			활하중	Max	I	1.0	0.8	65.0				활하중	Max	I	2.4	0.7
2.1	151520.0	775.5							3.0	100313.7	688.6					72.7
				J	1.0	0.8	65.0						J	2.4	0.7	72.7
2.1	349422.5	1248.2							3.0	128428.2	1074.7					
			Min	I	-1.4	-0.8	-91.0	-2.4				Min	I	-3.3	-0.7	-42.3
	-86269.6	-781.7								-43158.7	-659.2					-2.3
				J	-1.4	-0.8	-91.0	-2.4					J	-3.3	-0.7	-42.3
	-159984.3	-1237.8								-136731.8	-1122.2					-2.3
			합성전~2	I	-1.3	0.1	33.4					합성전~2	I	-3.4	0.1	38.8
0.5	75202.2	76.5							1.2	61412.7	148.2					
				J	-1.3	0.1	40.5						J	-3.4	0.1	45.9
0.5	-28643.2	-119.5							1.2	-57613.0	-239.2					
			18 합성후~1	I	-0.2	0.1	6.8			364	2	18 합성후~1	I	-0.1	0.6	3.5
0.3	-1583.2	82.5							1.6	3664.8	691.5					
				J	-0.2	0.1	6.8						J	-0.1	0.6	3.5
0.3	-20678.4	-131.0							1.6	-6278.2	-902.3					

0.0	1.5	단위모~1 0.9	I	0.0	0.0	0.0	0.0	0.0	-0.9	단위모~1 0.9	I	0.0	0.0	0.0	0.0
0.0	1.2	-1.0	J	0.0	0.0	0.0	0.0	0.0	-1.3	-0.9	J	0.0	0.0	0.0	0.0
1.2	35379.6	활하중 Max 589.7	I	0.1	0.3	3.0	1.9	7904.5	907.2	활하중 Max 907.2	I	0.2	0.8	10.4	10.4
1.2	34526.8	562.2	J	0.1	0.3	3.0	1.9	6492.4	797.8	J	0.2	0.8	10.4	10.4	10.4
		Min	I	-0.1	-0.2	-2.9	-0.8			Min	I	-0.2	-0.7	-1.3	-1.8
	-8405.6	-562.1	J	-0.1	-0.2	-2.9	-0.8		-23184.4	-858.3	J	-0.2	-0.7	-1.3	-1.8
	-11412.0	-589.7							-41147.6	-842.8					
		합성전~2	I	0.0	-0.0	-28.3	0.6			합성전~2	I	0.0	-0.0	10.3	-0.5
	55435.1	-33.7	J	0.0	-0.0	33.2			-81677.8	-15.7	J	0.0	-0.0	41.1	-0.5
0.6	43360.2	34.2							-145888.3	17.0					
	373	19 합성후~1	I	-3.4	-0.4	-5.3	-0.3		377	19 합성후~1	I	-4.7	-1.0	-8.8	-0.2
	10581.8	-933.4	J	-3.4	-0.4	8.7	-0.3		-32781.0	-1151.2	J	-4.7	-1.0	-1.8	-0.2
	1984.3	923.7							-19406.8	1229.0					
0.0	1.2	단위모~1 0.9	I	0.0	0.0	0.0	0.0	0.0	-1.3	단위모~1 0.8	I	0.0	0.0	-0.0	-0.0
0.0	0.4	-0.9	J	0.0	0.0	0.0	0.0	0.0	-1.0	-0.9	J	0.0	0.0	-0.0	-0.0
1.6	34527.5	활하중 Max 592.2	I	0.1	0.3	4.2	1.8	6493.0	849.0	활하중 Max 849.0	I	0.2	0.8	1.6	1.6
1.6	26049.0	563.3	J	0.1	0.3	4.2	1.8	7503.9	861.2	J	0.2	0.8	1.6	1.6	1.6
		Min	I	-0.1	-0.2	-2.0	-0.9			Min	I	-0.2	-0.7	-10.3	-1.9
	-11411.9	-563.6	J	-0.1	-0.2	-2.0	-0.9		-41145.9	-801.6	J	-0.2	-0.7	-10.3	-1.9
	-12831.7	-591.8							-24088.2	-911.8					
		합성전~2	I	0.0	-0.0	-23.1	0.7			합성전~2	I	0.0	-0.0	-39.4	-0.6
	43361.4	-28.6	J	0.0	-0.0	38.3			-145886.2	-5.5	J	0.0	-0.0	-8.6	-0.6
0.7	5385.8	29.2							-85870.5	8.4					
	374	19 합성후~1	I	-3.8	-0.4	-4.9	-0.4		378	19 합성후~1	I	-5.0	-0.3	-8.4	0.1
	1984.9	-907.3	J	-3.8	-0.4	9.1	-0.4		-19407.8	-709.2	J	-5.0	-0.3	5.6	0.1
	-8444.9	901.6							-12546.3	745.6					
0.0	0.4	단위모~1 0.8	I	0.0	0.0	0.0	0.0		-1.0	단위모~1 0.4	I	0.0	0.0	-0.0	-0.0
0.0	-0.4	-0.8	J	0.0	0.0	0.0	0.0		-0.8	-0.5	J	0.0	0.0	-0.0	-0.0
1.9	26049.9	활하중 Max 598.3	I	0.1	0.3	4.6	1.4	7503.8	543.7	활하중 Max 543.7	I	0.1	0.2	1.4	1.4
1.9	15546.8	571.4	J	0.1	0.3	4.6	1.4	16487.3	548.5	J	0.1	0.2	1.4	1.4	1.4
		Min	I	-0.1	-0.3	-1.5	-1.1			Min	I	-0.1	-0.2	-4.7	-2.0
	-12831.5	-568.2	J	-0.1	-0.3	-1.5	-1.1		-24088.7	-512.6	J	-0.1	-0.2	-4.7	-2.0
	-14090.5	-601.5							-16347.7	-581.5					
		합성전~2	I	0.0	-0.0	-21.7	0.5			합성전~2	I	-0.0	-0.0	-36.8	-0.5
	5387.8	-22.5	J	0.0	-0.0	39.8			-85874.7	0.3	J	-0.0	-0.0	24.7	-0.5
0.5	-39850.9	23.4							-55799.8	0.7					
	375	19 합성후~1	I	-4.1	-0.3	-5.0	-0.5		379	19 합성후~1	I	-5.2	-0.3	-8.3	0.1
	-8444.1	-831.9	J	-4.1	-0.3	9.0	-0.5		-12546.9	-758.8	J	-5.2	-0.3	5.7	0.1
	-18219.7	767.5							-5803.0	737.6					
0.0	-0.4	단위모~1 0.6	I	0.0	0.0	0.0	0.0		-0.8	단위모~1 0.4	I	0.0	0.0	-0.0	-0.0
0.0	-0.9	-0.6	J	0.0	0.0	0.0	0.0		-0.6	-0.4	J	0.0	0.0	-0.0	-0.0
2.1	15548.1	활하중 Max 572.3	I	0.1	0.2	4.9	1.2	16486.6	619.9	활하중 Max 619.9	I	0.1	0.3	1.8	1.8
2.1	7904.0	506.8	J	0.1	0.2	4.9	1.2	26629.3	580.3	J	0.1	0.3	1.8	1.8	1.8
		Min	I	-0.1	-0.2	-1.1	-1.4			Min	I	-0.1	-0.3	-4.3	-1.7
	-14089.7	-542.3	J	-0.1	-0.2	-1.1	-1.4		-16348.1	-583.4	J	-0.1	-0.3	-4.3	-1.7
	-23185.5	-534.7							-17022.1	-616.5					
		합성전~2	I	0.0	-0.0	-22.4	0.2			합성전~2	I	-0.0	0.0	-36.8	-0.4
	-39847.5	-14.9	J	0.0	-0.0	39.1			-55802.4	6.4	J	-0.0	0.0	24.7	-0.4
0.2	-81683.1	14.9							-25353.5	-5.8					
	376	19 합성후~1	I	-4.4	-1.0	2.3	-0.4		380	19 합성후~1	I	-5.3	-0.3	-7.9	0.1
	-18218.6	-1267.3	J	-4.4	-1.0	9.3	-0.4		-5803.2	-698.5	J	-5.3	-0.3	6.1	0.1
	-32781.3	1170.9							-1430.7	680.7					

	-0.6	0.4	단위모~1	I	0.0	0.0	-0.0	-0.0		0.0	0.7	0.4	단위모~1	I	0.0	0.0	-0.0
	-0.2	-0.4		J	0.0	0.0	-0.0	-0.0		0.0	0.9	-0.4		J	0.0	0.0	-0.0
1.0	26628.9	617.1	활하중 Max	I	0.1	0.3	2.4		1.7	26489.6	625.4	활하중 Max	I	0.1	0.3	4.3	
1.0	30056.1	581.0		J	0.1	0.3	2.4		1.7	16401.6	593.0		J	0.1	0.3	4.3	
	-17022.0	-580.2	Min	I	-0.2	-0.3	-3.5	-1.3		-17236.0	-589.0	Min	I	-0.1	-0.3	-1.8	-1.1
	-15257.7	-617.9		J	-0.2	-0.3	-3.5	-1.3		-16616.6	-629.8		J	-0.1	-0.3	-1.8	-1.1
	-25355.0	10.1	합성전~2	I	-0.0	0.0	-34.9	-0.2		-26633.7	7.1	합성전~2	I	-0.0	0.0	-24.6	0.2
	-4553.7	-9.8		J	-0.0	0.0	26.6	-0.2		0.2	-57172.2	-7.8		J	-0.0	0.0	36.9
	381	1	19 합성후~1	I	-5.3	-0.3	-7.2	-0.0		385	1	19 합성후~1	I	-4.2	-0.1	-5.6	0.0
	-1430.8	-641.0		J	-5.3	-0.3	6.9	-0.0		-16259.0	-362.8		J	-4.2	-0.1	8.4	0.0
	-541.2	621.8								-23366.6	317.8						
	-0.2	0.4	단위모~1	I	0.0	0.0	-0.0	-0.0		0.0	0.9	0.5	단위모~1	I	0.0	0.0	-0.0
	0.1	-0.4		J	0.0	0.0	-0.0	-0.0		0.0	1.1	-0.4		J	0.0	0.0	-0.0
0.9	30055.8	617.9	활하중 Max	I	0.1	0.3	2.7		1.9	16402.9	593.4	활하중 Max	I	0.1	0.3	4.7	
0.9	30741.3	581.4		J	0.1	0.3	2.7		1.9	7356.7	524.1		J	0.1	0.3	4.7	
	-15257.6	-580.8	Min	I	-0.2	-0.3	-2.9	-0.9		-16615.9	-560.1	Min	I	-0.1	-0.2	-1.4	-1.5
	-14315.8	-618.6		J	-0.2	-0.3	-2.9	-0.9		-24351.7	-555.5		J	-0.1	-0.2	-1.4	-1.5
	-4554.6	11.8	합성전~2	I	-0.0	0.0	-32.1	-0.0		-57169.4	1.1	합성전~2	I	-0.0	0.0	-24.8	0.0
	1453.4	-11.8		J	-0.0	0.0	29.7	-0.0		0.0	-86992.0	-2.0		J	-0.0	0.0	36.7
	382	1	19 합성후~1	I	-5.3	-0.2	-6.6	-0.2		386	1	19 합성후~1	I	-3.5	-0.4	1.0	0.4
	-541.1	-582.1		J	-5.3	-0.2	7.5	-0.2		-23365.7	-476.7		J	-3.5	-0.4	8.0	0.4
	-2712.0	560.9								-34533.3	420.1						
0.0	0.1	0.4	단위모~1	I	0.0	0.0	-0.0	-0.0		0.0	1.1	0.8	단위모~1	I	0.0	0.0	-0.0
0.0	0.4	-0.4		J	0.0	0.0	-0.0	-0.0		0.0	1.4	-0.8		J	0.0	0.0	-0.0
1.0	30741.7	619.9	활하중 Max	I	0.1	0.3	2.9		1.8	7357.1	934.9	활하중 Max	I	0.1	0.8	10.3	
1.0	29957.5	583.0		J	0.1	0.3	2.9		1.8	6211.3	823.0		J	0.1	0.8	10.3	
	-14315.7	-582.7	Min	I	-0.2	-0.3	-2.7	-0.8		-24350.8	-883.8	Min	I	-0.1	-0.8	-1.6	-1.9
	-15400.1	-620.2		J	-0.2	-0.3	-2.7	-0.8		-41259.0	-871.1		J	-0.1	-0.8	-1.6	-1.9
	1453.3	12.0	합성전~2	I	-0.0	0.0	-29.6	0.2		-86987.5	-5.2	합성전~2	I	-0.0	-0.0	8.7	-0.6
0.2	-5244.3	-12.1		J	-0.0	0.0	32.2			-147045.2	2.5		J	-0.0	-0.0	39.4	-0.6
	383	1	19 합성후~1	I	-5.1	-0.2	-5.8	-0.3		387	1	19 합성후~1	I	-2.7	-0.4	-10.7	0.6
	-2711.7	-519.5		J	-5.1	-0.2	8.2	-0.3		-34532.3	-423.1		J	-2.7	-0.4	-3.7	0.6
	-8536.6	495.8								-16428.5	466.7						
	0.4	0.4	단위모~1	I	0.0	0.0	-0.0	-0.0		0.0	1.4	0.9	단위모~1	I	0.0	0.0	0.0
	0.7	-0.4		J	0.0	0.0	-0.0	-0.0		0.0	1.0	-0.9		J	0.0	0.0	0.0
1.3	29958.1	623.0	활하중 Max	I	0.1	0.3	3.5		1.7	6211.2	866.1	활하중 Max	I	0.1	0.8	1.3	
1.3	26488.8	586.0		J	0.1	0.3	3.5		1.7	7861.9	882.5		J	0.1	0.8	1.3	
	-15400.1	-586.0	Min	I	-0.1	-0.3	-2.4	-0.9		-41259.5	-820.5	Min	I	-0.1	-0.8	-10.5	-2.0
	-17236.1	-623.0		J	-0.1	-0.3	-2.4	-0.9		-23026.2	-932.1		J	-0.1	-0.8	-10.5	-2.0
	-5243.5	10.6	합성전~2	I	-0.0	0.0	-26.5	0.2		-147046.3	-13.7	합성전~2	I	-0.0	-0.0	-41.4	-0.6
0.2	-26635.1	-11.0		J	-0.0	0.0	35.0			-82041.8	12.2		J	-0.0	-0.0	-10.6	-0.6
	384	1	19 합성후~1	I	-4.7	-0.2	-5.5	-0.2		388	1	19 합성후~1	I	-2.0	-0.1	-9.1	0.7
	-8536.2	-450.7		J	-4.7	-0.2	8.5	-0.2		-16429.6	-294.4		J	-2.0	-0.1	4.9	0.7
	-16259.5	428.0								-6112.1	325.8						

0.0	1.0	단위모~1 0.6	I	0.0	0.0	0.0	0.0	0.0	-1.8	1.0	I	0.0	0.0	0.0		
0.0	0.3	-0.6	J	0.0	0.0	0.0	0.0	0.0	-1.9	-1.0	J	0.0	0.0	0.0		
1.4	7861.6	활하중 Max 549.7	I	0.1	0.3	1.0	1.0	1.0	35548.8	604.6	I	0.0	0.3	2.7		
1.4	15566.3	558.0	J	0.1	0.3	1.0	1.0	1.0	35389.2	577.9	J	0.0	0.3	2.7		
-23026.8	-521.6	Min	I	-0.1	-0.2	-4.9	-2.1	-2.1	-8130.5	-577.9	Min	I	-0.0	-0.3	-2.8	
-13936.9	-588.3	J	J	-0.1	-0.2	-4.9	-2.1	-2.1	-6164.1	-604.6	J	-0.0	-0.3	-2.8	-0.8	
-82046.8	-12.8	합성전~2	I	-0.0	-0.0	-39.3	-0.4	-0.4	56455.5	-35.6	합성전~2	I	-0.0	-0.0	-31.4	0.4
-39168.2	12.7	J	J	-0.0	-0.0	22.2	-0.4	-0.4	59784.3	35.4	J	-0.0	-0.0	30.1	0.4	
389	1	19 합성후~1	I	-1.5	-0.1	-9.1	0.6	0.6	393	1	19 합성후~1	I	-0.3	-0.2	-6.7	-0.2
-6112.7	-366.7	J	J	-1.5	-0.1	4.9	0.6	0.6	14884.3	-462.3	J	-0.3	-0.2	7.3	-0.2	
4166.0	375.8								13376.8	466.5						
0.0	0.3	단위모~1 0.8	I	0.0	0.0	0.0	0.0	0.0	-1.9	1.1	단위모~1	I	0.0	0.0	-0.0	-0.0
0.0	-0.6	-0.7	J	0.0	0.0	0.0	0.0	0.0	-1.6	-1.1	J	0.0	0.0	-0.0	-0.0	
1.2	15566.1	활하중 Max 618.8	I	0.0	0.3	1.5	1.5	1.5	1.4	35389.6	602.6	I	0.0	0.3	2.8	2.8
1.2	26266.5	585.0	J	0.0	0.3	1.5	1.5	1.5	1.4	33769.0	576.0	J	0.0	0.3	2.8	2.8
-13937.5	-588.4	Min	I	-0.0	-0.3	-4.6	-1.9	-1.9	-6164.2	-576.6	Min	I	-0.0	-0.3	-2.7	-0.9
-12607.3	-615.4	J	J	-0.0	-0.3	-4.6	-1.9	-1.9	-4505.6	-602.0	J	-0.0	-0.3	-2.7	-0.9	-0.9
-39171.5	-20.9	합성전~2	I	-0.0	-0.0	-39.9	-0.2	-0.2	59784.2	-38.3	합성전~2	I	0.0	-0.0	-29.6	0.6
6711.6	20.2	J	J	-0.0	-0.0	21.6	-0.2	-0.2	0.6	53969.8	38.1	J	0.0	-0.0	31.9	31.9
390	1	19 합성후~1	I	-1.1	-0.2	-8.7	0.4	0.4	394	1	19 합성후~1	I	-0.2	-0.2	-6.4	-0.5
4165.8	-395.5	J	J	-1.1	-0.2	5.3	0.4	0.4	13377.3	-478.3	J	-0.2	-0.2	7.6	-0.5	
12506.5	405.3								10527.8	486.0						
0.0	-0.6	단위모~1 0.8	I	0.0	0.0	0.0	0.0	0.0	-1.6	1.2	단위모~1	I	0.0	0.0	-0.0	-0.0
0.0	-1.4	-0.8	J	0.0	0.0	0.0	0.0	0.0	-1.0	-1.2	J	0.0	0.0	-0.0	-0.0	
1.1	26265.9	활하중 Max 608.9	I	0.0	0.3	2.0	2.0	2.0	1.9	33769.8	605.8	I	0.0	0.3	2.9	2.9
1.1	34714.3	580.5	J	0.0	0.3	2.0	2.0	2.0	1.9	30158.0	585.2	J	0.0	0.3	2.9	2.9
-12607.2	-580.3	Min	I	-0.0	-0.3	-4.2	-1.4	-1.4	-4505.7	-580.0	Min	I	-0.0	-0.3	-2.6	-1.1
-11125.4	-609.3	J	J	-0.0	-0.3	-4.2	-1.4	-1.4	-3366.6	-611.2	J	-0.0	-0.3	-2.6	-1.1	-1.1
6709.5	-26.9	합성전~2	I	-0.0	-0.0	-38.4	0.0	0.0	53970.8	-40.5	합성전~2	I	0.0	-0.0	-28.2	0.7
44841.2	26.3	J	J	-0.0	-0.0	23.1	0.0	0.0	0.7	41464.6	40.9	J	0.0	-0.0	33.2	33.2
391	1	19 합성후~1	I	-0.7	-0.2	-7.4	0.2	0.2	395	1	19 합성후~1	I	-0.1	-0.2	-5.6	-0.7
12506.4	-423.5	J	J	-0.7	-0.2	6.6	0.2	0.2	10528.2	-447.0	J	-0.1	-0.2	8.4	-0.7	
14481.9	431.4								3436.7	399.4						
0.0	-1.4	단위모~1 0.9	I	0.0	0.0	0.0	0.0	0.0	-1.0	1.2	단위모~1	I	0.0	0.0	-0.0	-0.0
0.0	-1.8	-0.9	J	0.0	0.0	0.0	0.0	0.0	-0.1	-1.0	J	0.0	0.0	-0.0	-0.0	
1.0	34714.1	활하중 Max 606.7	I	0.0	0.3	2.9	2.9	2.9	2.6	30159.2	556.7	I	0.0	0.2	4.8	4.8
1.0	35549.0	579.1	J	0.0	0.3	2.9	2.9	2.9	2.6	13759.9	474.5	J	0.0	0.2	4.8	4.8
-11125.4	-579.2	Min	I	-0.0	-0.3	-3.0	-1.0	-1.0	-3366.8	-533.1	Min	I	-0.0	-0.2	-1.5	-1.4
-8130.5	-606.7	J	J	-0.0	-0.3	-3.0	-1.0	-1.0	-1550.8	-495.4	J	-0.0	-0.2	-1.5	-1.4	-1.4
44839.7	-31.9	합성전~2	I	-0.0	-0.0	-33.1	0.3	0.3	41465.8	-37.9	합성전~2	I	0.0	-0.0	-25.1	0.8
56456.5	31.5	J	J	-0.0	-0.0	28.4	0.3	0.3	0.8	13063.5	34.1	J	0.0	-0.0	36.4	36.4
392	1	19 합성후~1	I	-0.5	-0.2	-7.1	0.0	0.0	396	1	19 합성후~1	I	0.0	-0.9	-1.3	-0.8
14482.0	-445.7	J	J	-0.5	-0.2	6.9	0.0	0.0	3437.6	-886.0	J	0.0	-0.9	4.6	-0.8	
14884.1	451.8								-3.4	991.8						

			단위모~1	I	0.0	0.0	-0.0	-0.0				단위모~1	I	0.0	0.0	0.0
	-0.1	2.6		J	0.0	0.0	-0.0	-0.0	0.0	3.7	1.1		J	0.0	0.0	0.0
	-0.0	-2.8							0.0	2.0	-1.1					
2.6	13761.5	1095.9	활하중 Max	I	0.1	1.2	6.6		1.4	37706.1	742.7	활하중 Max	I	0.1	0.3	2.8
				J	0.1	1.2	6.6						J	0.1	0.3	2.8
2.6	1.3	1174.1							1.4	39635.1	737.5					
			Min	I	-0.1	-1.2	-0.9	-1.5				Min	I	-0.1	-0.3	-2.9
	-1551.0	-1049.3		J	-0.1	-1.2	-0.9	-1.5		-4723.9	-736.8		J	-0.1	-0.3	-2.9
	-7.9	-1226.2								-6437.1	-743.3					-1.4
			합성전~2	I	0.0	-0.1	-6.7	0.6				합성전~2	I	0.0	-0.0	-31.8
	13067.8	-72.9		J	0.0	-0.1	19.1			55767.5	-76.8		J	0.0	-0.0	29.6
0.6	-16.8	81.9							0.5	61240.9	77.2					
			19 합성후~1	I	0.0	-0.2	-3.9	0.4		401	1	19 합성후~1	I	-0.0	-0.1	-6.9
	397	1		J	0.0	-0.2	1.9			10995.4	-128.8		J	-0.0	-0.1	7.1
	-2.9	-265.3														0.1
0.4	2076.2	237.0								10412.9	128.7					
			단위모~1	I	0.0	0.0	-0.0	-0.0				단위모~1	I	0.0	0.0	0.0
	-0.0	2.8		J	0.0	0.0	-0.0	-0.0	0.0	2.0	1.0		J	0.0	0.0	0.0
	3.4	-2.6							0.0	1.0	-1.0					
			활하중 Max	I	0.1	1.5	0.8					활하중 Max	I	0.1	0.3	2.9
2.4	3.1	1513.6		J	0.1	1.5	0.8		1.3	39634.7	745.6		J	0.1	0.3	2.9
			Min	I	-0.1	-1.5	-7.3	-3.2				Min	I	-0.1	-0.3	-2.9
2.4	15325.5	1342.6		J	-0.1	-1.5	-7.3	-3.2	1.3	39538.3	739.2		J	-0.1	-0.3	-2.9
	-7.8	-1502.4								-6436.9	-739.1					-1.1
	-1544.2	-1352.7								-8545.5	-745.5					-1.1
			합성전~2	I	0.0	-0.1	-19.5	-0.1				합성전~2	I	0.0	-0.0	-30.0
	-16.6	-160.2		J	0.0	-0.1	6.3	-0.1		61240.7	-74.3		J	0.0	-0.0	31.5
13859.5	143.0								0.5	57538.3	74.6					
			19 합성후~1	I	-0.0	-0.0	-8.0	0.4		402	1	19 합성후~1	I	-0.1	-0.1	-6.6
	398	1		J	-0.0	-0.0	6.0	0.4		10413.0	-127.8		J	-0.1	-0.1	7.4
	2075.5	-107.6														-0.0
	7125.3	120.7								8239.6	127.8					
			단위모~1	I	0.0	0.0	-0.0	-0.0				단위모~1	I	0.0	0.0	0.0
	3.4	1.0		J	0.0	0.0	-0.0	-0.0	0.0	1.0	1.0		J	0.0	0.0	0.0
	5.7	-1.2							0.0	0.6	-1.0					
			활하중 Max	I	0.0	0.3	1.4					활하중 Max	I	0.1	0.3	3.1
2.3	15324.1	611.4		J	0.0	0.3	1.4		1.5	39538.4	747.8		J	0.1	0.3	3.1
			Min	I	-0.0	-0.3	-5.3	-2.9				Min	I	-0.1	-0.3	-3.0
2.3	34186.4	682.1		J	-0.0	-0.3	-5.3	-2.9	1.5	38751.4	740.7		J	-0.1	-0.3	-3.0
	-1544.0	-607.1								-8545.3	-740.6					-1.1
	-3436.2	-686.9								-11960.6	-747.8					-1.1
			합성전~2	I	0.0	-0.0	-36.7	0.2				합성전~2	I	0.0	-0.0	-28.3
	13855.3	-65.9		J	0.0	-0.0	24.8			57539.1	-70.6		J	0.0	-0.0	33.1
0.2	43429.0	73.9							0.5	45514.9	71.1					
			19 합성후~1	I	-0.0	-0.1	-7.5	0.4		403	1	19 합성후~1	I	-0.1	-0.1	-5.5
	399	1		J	-0.0	-0.1	6.5	0.4		8239.8	-126.5		J	-0.1	-0.1	8.5
	7125.2	-132.1														-0.2
	9718.3	130.9								805.8	126.4					
			단위모~1	I	0.0	0.0	0.0	0.0				단위모~1	I	0.0	0.0	0.0
0.0	5.7	1.2		J	0.0	0.0	0.0	0.0	-0.0	0.6	0.9		J	0.0	0.0	0.0
									-0.0	0.3	-0.9					
	0.0	3.7	-1.2													
			활하중 Max	I	0.0	0.3	2.6					활하중 Max	I	0.1	0.3	4.6
1.7	34185.4	754.2		J	0.0	0.3	2.6		1.9	38751.5	750.6		J	0.1	0.3	4.6
			Min	I	-0.0	-0.3	-2.9	-2.0				Min	I	-0.1	-0.3	-2.1
1.7	37706.8	742.0		J	-0.0	-0.3	-2.9	-2.0	1.9	28605.7	742.0		J	-0.1	-0.3	-2.1
	-3436.0	-748.7								-11960.5	-742.3					-1.2
	-4724.1	-747.4								-14088.4	-750.1					-1.2
			합성전~2	I	0.0	-0.0	-33.2	0.4				합성전~2	I	0.0	-0.0	-23.0
	43427.5	-80.2		J	0.0	-0.0	28.3			45516.4	-65.6		J	0.0	-0.0	38.5
0.4	55768.7	79.6							0.4	6622.7	66.2					
			19 합성후~1	I	-0.0	-0.1	-7.3	0.3		404	1	19 합성후~1	I	-0.1	-0.1	-5.2
	400	1		J	-0.0	-0.1	6.7	0.3		806.0	-125.6		J	-0.1	-0.1	8.8
	9718.2	-129.3														-0.3
	10995.4	129.4								-8075.5	126.2					-0.3

-0.0	0.3	단위모~1 0.8	I	0.0	0.0	0.0	-1.3	0.5	단위모~1	I	0.0	0.0	-0.0	-0.0	
-0.0	-0.2	-0.9	J	0.0	0.0	0.0	0.0	-0.5	J	0.0	0.0	-0.0	-0.0	-0.0	
2.3	28606.0	활하중 Max 757.8	I	0.1	0.3	5.0	2.0	7145.4	활하중 Max 688.8	I	0.1	0.3	1.3	1.3	
2.3	16498.5	752.4	J	0.1	0.3	5.0	2.0	17623.2	722.4	J	0.1	0.3	1.3	1.3	
-14088.2	-748.2	Min	I	-0.1	-0.3	-1.5	-1.7	-28072.7	-675.2	Min	I	-0.1	-0.3	-5.2	-2.3
-16434.1	-761.9	J	J	-0.1	-0.3	-1.5	-1.7	-19186.3	-736.8	J	-0.1	-0.3	-5.2	-2.3	
6624.8	-59.7	합성전~2	I	0.0	-0.0	-21.4	0.2	-88758.5	-28.9	합성전~2	I	0.0	-0.0	-37.1	-0.3
0.2	-40246.7	60.8	J	0.0	-0.0	40.1	-57089.0	31.9	J	0.0	-0.0	24.4	-0.3	-0.3	
405	1	19 합성후~1	I	-0.1	-0.0	-5.5	-0.3	409	1	19 합성후~1	I	-0.1	-0.0	-8.1	-0.0
-8075.0	-117.8	J	J	-0.1	-0.0	8.5	-0.3	-12182.3	-118.2	J	-0.1	-0.0	5.9	-0.0	
-15559.1	110.1							-6794.0	117.3						
-0.0	-0.2	단위모~1 0.7	I	0.0	0.0	0.0	0.0	0.0	0.5	단위모~1	I	0.0	0.0	-0.0	-0.0
-0.0	-1.4	-0.7	J	0.0	0.0	0.0	0.0	0.4	-0.5	J	0.0	0.0	-0.0	-0.0	
2.4	16499.2	활하중 Max 724.7	I	0.1	0.3	5.5	1.6	17622.0	784.9	활하중 Max	I	0.1	0.3	1.7	1.7
2.4	7910.2	667.3	J	0.1	0.3	5.5	1.6	29288.7	764.0	J	0.1	0.3	1.7	1.7	
-16433.1	-714.1	Min	I	-0.1	-0.3	-1.0	-2.0	-19187.0	-768.1	Min	I	-0.1	-0.3	-4.6	-1.9
-26916.5	-677.0	J	J	-0.1	-0.3	-1.0	-2.0	-18617.4	-780.7	J	-0.1	-0.3	-4.6	-1.9	
-40243.3	-49.8	합성전~2	I	0.0	-0.0	-21.9	-0.1	-57091.9	-26.0	합성전~2	I	0.0	-0.0	-37.1	-0.1
-84213.9	47.6	J	J	0.0	-0.0	39.5	-0.1	-25234.1	26.3	J	0.0	-0.0	24.4	-0.1	
406	1	19 합성후~1	I	-0.1	-0.1	0.9	-0.3	410	1	19 합성후~1	I	-0.1	-0.0	-7.8	0.0
-15558.3	-183.5	J	J	-0.1	-0.1	7.9	-0.3	-6794.2	-115.5	J	-0.1	-0.0	6.2	0.0	
-26609.8	171.1							-2995.2	115.3						
-0.0	-1.4	단위모~1 1.0	I	0.0	0.0	0.0	0.0	0.0	0.4	단위모~1	I	0.0	0.0	0.0	0.0
-0.0	-4.3	-1.0	J	0.0	0.0	0.0	0.0	0.0	0.3	-0.4	J	0.0	0.0	0.0	0.0
2.4	7910.4	활하중 Max 1148.7	I	0.1	1.0	11.4	1.3	29288.1	781.4	활하중 Max	I	0.1	0.3	2.5	2.5
2.4	6367.0	1050.3	J	0.1	1.0	11.4	1.3	33252.7	764.9	J	0.1	0.3	2.5	2.5	
-26915.6	-1130.1	Min	I	-0.1	-1.0	-0.9	-2.4	-18617.4	-763.9	Min	I	-0.1	-0.3	-3.7	-1.5
-47068.6	-1066.9	J	J	-0.1	-1.0	-0.9	-2.4	-16033.9	-782.4	J	-0.1	-0.3	-3.7	-1.5	
-84208.7	-69.7	합성전~2	I	0.0	-0.1	11.1	-0.6	-25235.6	-21.7	합성전~2	I	-0.0	-0.0	-35.1	0.0
-150302.5	68.1	J	J	0.0	-0.1	41.8	-0.6	-3515.3	21.8	J	-0.0	-0.0	26.4	0.0	
407	1	19 합성후~1	I	-0.1	-0.1	-7.5	-0.2	411	1	19 합성후~1	I	-0.1	-0.0	-7.2	-0.0
-26609.6	-168.0	J	J	-0.1	-0.1	-0.5	-0.2	-2995.3	-114.1	J	-0.1	-0.0	6.8	-0.0	
-16697.2	181.1							-1981.9	113.8						
-4.3	0.8	단위모~1	I	0.0	0.0	-0.0	-0.0	0.0	0.3	0.4	I	0.0	0.0	0.0	0.0
-1.3	-0.9	J	J	0.0	0.0	-0.0	-0.0	0.0	0.1	-0.4	J	0.0	0.0	0.0	0.0
2.2	6367.2	활하중 Max 1075.9	I	0.1	1.0	1.3	1.3	33252.0	782.9	활하중 Max	I	0.1	0.3	2.8	2.8
2.2	7145.6	1134.4	J	0.1	1.0	1.3	1.3	34203.3	765.7	J	0.1	0.3	2.8	2.8	
-47067.5	-1055.9	Min	I	-0.1	-1.0	-11.3	-2.5	-16033.8	-765.0	Min	I	-0.1	-0.3	-3.0	-1.2
-28071.9	-1155.2	J	J	-0.1	-1.0	-11.3	-2.5	-14745.5	-783.6	J	-0.1	-0.3	-3.0	-1.2	
-150301.0	-51.8	합성전~2	I	0.0	-0.0	-40.0	-0.6	-3516.2	-19.7	합성전~2	I	-0.0	-0.0	-32.2	0.1
-88754.1	59.1	J	J	0.0	-0.0	-9.2	-0.6	3000.7	19.6	J	-0.0	-0.0	29.6	0.1	
408	1	19 합성후~1	I	-0.1	-0.0	-7.9	-0.1	412	1	19 합성후~1	I	-0.1	-0.0	-6.8	-0.1
-16698.0	-106.1	J	J	-0.1	-0.0	6.1	-0.1	-1981.9	-113.3	J	-0.1	-0.0	7.3	-0.1	
-12181.8	113.4							-3384.7	112.8						

0.0	0.1	단위모~1 0.4	I	0.0	0.0	0.0			단위모~1 0.9	I	0.0	0.0	-0.0	-0.0
0.0	-0.1		J	0.0	0.0	0.0		1.7		J	0.0	0.0	-0.0	-0.0
0.0	-0.1	-0.4						4.7	-0.8					
1.4	34203.1	활하중 Max 786.1	I	0.1	0.3	3.0		2.3	7102.9	1193.2	활하중 Max I	0.1	1.0	11.3
			J	0.1	0.3	3.0					J	0.1	1.0	11.3
1.4	33160.4	768.3	Min	-0.1	-0.3	-2.8	-1.2	2.3	6213.0	1090.1	Min	-0.1	-1.0	-1.2
-14745.4	-768.2		J	-0.1	-0.3	-2.8	-1.2	-28162.7	-1171.0		J	-0.1	-1.0	-1.2
-16016.6	-786.3							-47124.9	-1111.4					
		합성전~2	I	-0.0	-0.0	-29.6	0.1			합성전~2	I	-0.0	-0.0	9.4
3000.7	-19.3		J	-0.0	-0.0	32.2	0.1	-88833.5	-53.6		J	-0.0	-0.0	40.1
-3466.4	19.1							-150761.9	46.6					-0.6
413	1	19 합성후~1	I	-0.1	-0.0	-6.2	-0.1	417	1	19 합성후~1	I	-0.1	-0.1	-8.0
-3384.7	-113.0		J	-0.1	-0.0	7.8	-0.1	-27242.8	-162.3		J	-0.1	-0.1	-1.0
-7500.9	112.5							-15908.1	173.7					0.2
0.0	-0.1	단위모~1 0.4	I	0.0	0.0	-0.0				단위모~1 1.0	I	0.0	0.0	0.0
0.0	-0.1		J	0.0	0.0	-0.0		-0.0	4.7		J	0.0	0.0	0.0
0.0	-0.1	-0.4						-0.0	1.7	-1.0				
1.6	33160.6	활하중 Max 791.0	I	0.1	0.3	3.8		2.2	6212.5	1106.4	활하중 Max I	0.1	1.0	0.9
			J	0.1	0.3	3.8					J	0.1	1.0	0.9
1.6	29097.6	773.0	Min	-0.1	-0.3	-2.5	-1.3	2.2	7827.7	1170.3	Min	-0.1	-1.0	-2.6
-16016.6	-773.2		J	-0.1	-0.3	-2.5	-1.3	-47125.9	-1088.4		J	-0.1	-1.0	-2.6
-18569.4	-790.9							-26768.0	-1190.3					
		합성전~2	I	-0.0	-0.0	-26.4	0.1			합성전~2	I	-0.0	-0.1	-42.0
-3465.5	-20.6		J	-0.0	-0.0	35.1	0.1	-150763.4	-62.6		J	-0.0	-0.1	-11.2
-25144.5	20.2							-84289.8	63.9					-0.7
414	1	19 합성후~1	I	-0.1	-0.0	-5.9	-0.0	418	1	19 합성후~1	I	-0.0	-0.0	-8.6
-7500.8	-113.2		J	-0.1	-0.0	8.1	-0.0	-15909.0	-104.7		J	-0.0	-0.0	5.4
-12922.1	113.3							-7935.0	111.9					0.4
		단위모~1	I	0.0	0.0	-0.0	-0.0			단위모~1 0.7	I	0.0	0.0	0.0
-0.1	0.5		J	0.0	0.0	-0.0	-0.0	-0.0	1.7		J	0.0	0.0	0.0
0.3	-0.5							-0.0	0.4	-0.7				
1.9	29097.7	활하중 Max 795.6	I	0.1	0.4	4.6		2.0	7827.4	703.3	활하중 Max I	0.1	0.3	1.0
			J	0.1	0.4	4.6					J	0.1	0.3	1.0
1.9	17378.4	783.4	Min	-0.1	-0.3	-1.7	-1.6	2.0	16637.3	741.0	Min	-0.1	-0.3	-2.5
-18569.2	-778.4		J	-0.1	-0.3	-1.7	-1.6	-26768.8	-692.7		J	-0.1	-0.3	-2.5
-19194.5	-800.8							-16379.2	-752.5					
		합성전~2	I	-0.0	-0.0	-24.4	-0.1			합성전~2	I	-0.0	-0.0	-39.6
-25143.0	-24.1		J	-0.0	-0.0	37.1	-0.1	-84294.9	-44.2		J	-0.0	-0.0	21.9
-57016.2	23.6							-40148.4	46.3					-0.2
415	1	19 합성후~1	I	-0.1	-0.0	-6.1	0.1	419	1	19 합성후~1	I	-0.0	-0.0	-8.9
-12921.7	-108.1		J	-0.1	-0.0	7.9	0.1	-7935.5	-120.5		J	-0.0	-0.0	5.1
-17284.9	100.4							1323.1	119.8					0.4
		단위모~1	I	0.0	0.0	-0.0	-0.0			단위모~1 0.8	I	0.0	0.0	0.0
0.3	0.5		J	0.0	0.0	-0.0	-0.0	-0.0	0.4		J	0.0	0.0	0.0
1.7	-0.5							-0.0	-0.4	-0.8				
2.3	17379.1	활하중 Max 756.4	I	0.1	0.3	5.2		1.7	16636.1	793.5	활하중 Max I	0.0	0.4	1.5
			J	0.1	0.3	5.2					J	0.0	0.4	1.5
2.3	7102.7	693.5	Min	-0.1	-0.3	-1.3	-2.1	1.7	28816.2	778.4	Min	-0.0	-0.3	-5.0
-19193.7	-741.4		J	-0.1	-0.3	-1.3	-2.1	-16380.0	-783.1		J	-0.0	-0.3	-5.0
-28163.6	-707.8							-14057.0	-788.9					-2.1
		합성전~2	I	-0.0	-0.0	-24.4	-0.2			합성전~2	I	-0.0	-0.0	-40.1
-57013.4	-29.1		J	-0.0	-0.0	37.1	-0.2	-40151.8	-57.2		J	-0.0	-0.0	21.4
-88837.9	26.1							6751.4	56.3					0.1
416	1	19 합성후~1	I	-0.1	-0.1	0.5	0.1	420	1	19 합성후~1	I	-0.0	-0.0	-8.5
-17284.1	-170.9		J	-0.1	-0.1	7.5	0.1	1322.9	-120.9		J	-0.0	-0.0	5.5
-27242.7	157.7							9002.3	121.0					0.4

0.0	-0.4	단위모~1 0.9	I	0.0	0.0	0.0	0.0	0.0	-4.9	단위모~1 1.1	I	0.0	0.0	0.0	
0.0	-1.1		J	0.0	0.0	0.0	0.0	0.0	-6.9	-1.1	J	0.0	0.0	0.0	
1.4	28815.4	활하중 Max 782.8	I	0.0	0.3	2.1	2.1	2.1	2.3	37487.4	783.1	I	0.0	0.3	2.9
1.4	38887.8	774.0	J	0.0	0.3	2.1	2.1	2.1	2.3	33830.5	784.2	J	0.0	0.3	2.9
-14057.1	-773.8	Min	I	-0.0	-0.3	-4.5	-1.7	-1.7	-4635.4	-777.2	Min	I	-0.0	-0.3	-2.6
-11909.2	-783.0		J	-0.0	-0.3	-4.5	-1.7	-1.7	-3270.7	-790.1		J	-0.0	-0.3	-2.6
6749.3	-62.9	합성전~2	I	-0.0	-0.0	-38.5	0.3	0.3	55685.7	-78.0	합성전~2	I	0.0	-0.0	-28.3
45607.7	62.6		J	-0.0	-0.0	23.0	0.3	0.3	0.5	43288.3	78.6	J	0.0	-0.0	33.2
421	1	19 합성후~1	I	-0.0	-0.0	-7.4	0.2	0.2	425	1	19 합성후~1	I	-0.0	-0.0	-5.9
9002.1	-122.3		J	-0.0	-0.0	6.6	0.2	0.2	7642.4	-115.5		J	-0.0	-0.0	-0.4
11142.5	122.3								2337.2	103.0			8.1	-0.4	
0.0	-1.1	단위모~1 0.9	I	0.0	0.0	0.0	0.0	0.0	-6.9	1.0	단위모~1	I	0.0	0.0	-0.0
0.0	-1.9	-0.9	J	0.0	0.0	0.0	0.0	0.0	-3.9	-0.9	J	0.0	0.0	-0.0	-0.0
1.3	38887.1	활하중 Max 781.6	I	0.0	0.3	3.0	3.0	3.0	3.1	33830.9	719.8	I	0.0	0.3	5.2
1.3	39552.3	773.5	J	0.0	0.3	3.0	3.0	3.0	3.1	15146.6	636.2	J	0.0	0.3	5.2
-11909.3	-773.8	Min	I	-0.0	-0.3	-3.1	-1.2	-1.2	-3270.7	-714.7	Min	I	-0.0	-0.3	-1.4
-8484.0	-781.4		J	-0.0	-0.3	-3.1	-1.2	-1.2	-1410.6	-640.7		J	-0.0	-0.3	-1.4
45606.2	-68.2	합성전~2	I	-0.0	-0.0	-33.1	0.5	0.5	43289.7	-72.8	합성전~2	I	0.0	-0.0	-24.8
57567.6	67.9		J	-0.0	-0.0	28.4	0.5	0.5	0.3	13764.0	65.1	J	0.0	-0.0	36.6
422	1	19 합성후~1	I	-0.0	-0.0	-7.1	0.0	0.0	426	1	19 합성후~1	I	0.0	-0.2	-1.8
11142.5	-123.2		J	-0.0	-0.0	6.9	0.0	0.0	2337.9	-227.1		J	0.0	-0.2	-0.5
11657.4	123.3								-2.4	254.3			4.1	-0.5	
0.0	-1.9	단위모~1 1.0	I	0.0	0.0	0.0	0.0	0.0	-3.9	2.2	단위모~1	I	0.0	0.0	-0.0
0.0	-3.1	-1.0	J	0.0	0.0	0.0	0.0	0.0	0.0	-2.4	J	0.0	0.0	-0.0	-0.0
1.4	39551.7	활하중 Max 780.1	I	0.0	0.3	2.9	2.9	2.9	3.2	15147.8	1416.5	I	0.1	1.6	7.2
1.4	39424.0	773.0	J	0.0	0.3	2.9	2.9	2.9	3.2	2.2	1573.6	J	0.1	1.6	7.2
-8484.1	-773.1	Min	I	-0.0	-0.3	-2.9	-1.1	-1.1	-1410.8	-1406.2	Min	I	-0.1	-1.6	-0.8
-6363.1	-780.0		J	-0.0	-0.3	-2.9	-1.1	-1.1	-8.2	-1585.0		J	-0.1	-1.6	-0.8
57566.8	-72.1	합성전~2	I	-0.0	-0.0	-31.5	0.5	0.5	13768.3	-142.0	합성전~2	I	0.0	-0.1	-6.3
61213.5	71.9		J	-0.0	-0.0	30.0	0.5	0.5	0.0	-16.6	159.3	J	0.0	-0.1	19.5
423	1	19 합성후~1	I	-0.0	-0.0	-6.7	-0.1	-0.1	427	1	19 합성후~1	I	0.0	-0.1	-3.8
11657.5	-123.8		J	-0.0	-0.0	7.3	-0.1	-0.1	-3.0	-157.5		J	0.0	-0.1	2.1
10284.4	123.8								0.1	1768.3	140.9				
0.0	-3.1	단위모~1 1.0	I	0.0	0.0	0.0	0.0	0.0	0.0	0.0	단위모~1	I	-0.0	0.0	0.0
0.0	-4.9	-1.0	J	0.0	0.0	0.0	0.0	0.0	0.0	-13.9	-3.0	J	-0.0	0.0	0.0
1.7	39423.8	활하중 Max 778.3	I	0.0	0.3	2.9	2.9	2.9	2.7	1.7	1251.8	I	0.1	1.3	0.8
1.7	37487.2	771.3	J	0.0	0.3	2.9	2.9	2.9	2.7	16331.0	1174.3	J	0.1	1.3	0.8
-6363.2	-772.0	Min	I	-0.0	-0.3	-2.8	-1.2	-1.2	-7.5	-1314.1	Min	I	-0.1	-1.3	-7.8
-4635.3	-777.6		J	-0.0	-0.3	-2.8	-1.2	-1.2	-1339.9	-1118.4		J	-0.1	-1.3	-7.8
61213.6	-75.0	합성전~2	I	0.0	-0.0	-29.6	0.5	0.5	-16.6	-307.8	합성전~2	I	0.0	-0.3	-19.2
0.5	55684.5	74.8	J	0.0	-0.0	31.8	0.5	0.5	0.5	13124.9	275.9	J	0.0	-0.3	6.7
424	1	19 합성후~1	I	-0.0	-0.1	-6.5	-0.3	-0.3	428	1	19 합성후~1	I	-0.0	-0.0	-7.9
10284.6	-125.3		J	-0.0	-0.1	7.5	-0.3	-0.3	1767.6	-63.5		J	-0.0	-0.0	6.1
7642.3	126.5								6152.6	71.5				0.2	0.2

			단위모~1	I	-0.0	0.0	-0.0	0.0				단위모~1	I	-0.0	0.0	-0.0	-0.0
	0.2	0.6		J	-0.0	0.0	-0.0	0.0		0.4	0.7		J	-0.0	0.0	-0.0	-0.0
	0.2	-0.6								1.4	-0.8						
1.5	31314.9		활하중 Max	I		0.1	0.3	5.0	2.1	8374.3		활하중 Max	I		0.1	0.3	1.0
		675.5		J		0.1	0.3	5.0		604.3			J		0.1	0.3	1.0
1.5	19323.3	697.1							2.1	18074.0	668.8						
			Min	I	-0.1	-0.3	-1.8	-1.8				Min	I	-0.1	-0.3	-5.8	-1.8
	-19373.0	-692.5		J	-0.1	-0.3	-1.8	-1.8		-27670.6	-625.5		J	-0.1	-0.3	-5.8	-1.8
	-19593.6	-680.0								-16732.9	-646.0						
			합성전~2	I	0.0	-0.0	-24.6	-0.4				합성전~2	I	-0.0	-0.0	-39.2	0.2
	-25304.6	-86.7		J	0.0	-0.0	36.9	-0.4		-82298.1	-106.5		J	-0.0	-0.0	22.3	0.2
	-56070.2	86.5								-40101.6	114.2						
	445	1	19 합성후~1	I	-0.0	-0.0	-6.2	0.1	449	1	19 합성후~1	I	-0.0	-0.0	-8.6	0.2	
	-11662.4	-66.3		J	-0.0	-0.0	7.8	0.1	-8026.4	-78.1		J	-0.0	-0.0	5.4	0.2	
	-15902.4	61.8							173.1	77.6							
			단위모~1	I	-0.0	0.0	0.0	-0.0				단위모~1	I	-0.0	0.0	-0.0	-0.0
	0.2	0.6		J	-0.0	0.0	0.0	-0.0		1.4	0.9		J	-0.0	0.0	-0.0	-0.0
	-0.1	-0.5								1.4	-0.8						
			활하중 Max	I		0.1	0.3	5.6	1.8	18073.5		활하중 Max	I		0.0	0.3	1.5
1.8	19324.5	645.1		J		0.1	0.3	5.6		683.5			J		0.0	0.3	1.5
1.8	7939.0	619.7							1.8	30583.7	704.8						
			Min	I	-0.1	-0.3	-1.4	-2.2				Min	I	-0.0	-0.3	-5.3	-1.6
	-19593.0	-662.5		J	-0.1	-0.3	-1.4	-2.2		-16733.7	-709.2		J	-0.0	-0.3	-5.3	-1.6
	-28903.6	-603.5								-14709.7	-679.3						
			합성전~2	I	-0.0	-0.0	-24.7	-0.5				합성전~2	I	-0.0	-0.1	-39.9	0.5
	-56067.7	-88.1		J	-0.0	-0.0	36.8	-0.5		-40105.0	-129.1		J	-0.0	-0.1	21.6	0.5
	-86483.4	82.1								5507.0	128.2						
	446	1	19 합성후~1	I	-0.0	-0.1	0.4	0.1	450	1	19 합성후~1	I	-0.0	-0.0	-8.4	0.2	
	-15901.6	-105.0		J	-0.0	-0.1	7.4	0.1	172.8	-78.6		J	-0.0	-0.0	5.6	0.2	
	-25586.2	95.9							7048.7	78.6							
			단위모~1	I	-0.0	0.0	0.0	-0.0				단위모~1	I	-0.0	0.0	-0.0	-0.0
	-0.1	0.9		J	-0.0	0.0	0.0	-0.0		1.4	0.8		J	-0.0	0.0	-0.0	-0.0
	-11.4	-0.7								1.7	-0.8						
			활하중 Max	I		0.1	0.9	12.1	1.5	30583.1		활하중 Max	I		0.0	0.3	2.0
1.9	7939.2	1022.3		J		0.1	0.9	12.1		676.1			J		0.0	0.3	2.0
1.9	7069.3	976.1							1.5	40402.7	702.6						
			Min	I	-0.1	-0.9	-1.6	-2.3				Min	I	-0.0	-0.3	-4.9	-1.4
	-28902.7	-1049.7		J	-0.1	-0.9	-1.6	-2.3		-14709.9	-702.7		J	-0.0	-0.3	-4.9	-1.4
	-49213.7	-952.4								-12638.1	-676.1						
			합성전~2	I	0.0	-0.1	8.4	-0.5				합성전~2	I	-0.0	-0.1	-38.4	0.6
	-86479.3	-138.9		J	0.0	-0.1	39.1	-0.5		5505.0	-133.4		J	-0.0	-0.1	23.1	0.6
	-145806.1	120.1								43776.2	133.4						
	447	1	19 합성후~1	I	-0.0	-0.1	-7.8	0.0	451	1	19 합성후~1	I	-0.0	-0.0	-7.4	0.1	
	-25586.4	-106.2		J	-0.0	-0.1	-0.8	0.0	7048.5	-79.7		J	-0.0	-0.0	6.6	0.1	
	-14919.6	112.4							9121.1	79.7							
			단위모~1	I	-0.0	0.0	-0.0	0.0				단위모~1	I	-0.0	0.0	-0.0	-0.0
	-11.4	1.3		J	-0.0	0.0	-0.0	0.0		1.7	0.8		J	-0.0	0.0	-0.0	-0.0
	0.4	-1.2								1.8	-0.8						
			활하중 Max	I		0.1	0.9	1.2	1.4	40402.5		활하중 Max	I		0.0	0.3	3.2
2.1	7068.9	947.3		J		0.1	0.9	1.2		676.6			J		0.0	0.3	3.2
2.1	8374.7	1054.1							1.4	41292.1	703.8						
			Min	I	-0.1	-0.9	-12.2	-2.1				Min	I	-0.0	-0.3	-3.4	-1.3
	-49214.9	-981.8		J	-0.1	-0.9	-12.2	-2.1		-12638.2	-704.2		J	-0.0	-0.3	-3.4	-1.3
	-27669.6	-1018.9								-9074.9	-676.2						
			합성전~2	I	0.0	-0.1	-40.8	-0.6				합성전~2	I	-0.0	-0.1	-33.2	0.6
	-145808.4	-172.9		J	0.0	-0.1	-10.0	-0.6		43774.9	-138.6		J	-0.0	-0.1	28.3	0.6
	-82292.9	176.9								55948.1	138.6						
	448	1	19 합성후~1	I	-0.0	-0.0	-8.4	0.2	452	1	19 합성후~1	I	-0.0	-0.0	-7.1	0.1	
	-14920.5	-67.3		J	-0.0	-0.0	5.6	0.2	9121.0	-80.6		J	-0.0	-0.0	6.9	0.1	
	-8025.9	72.0							9747.6	80.6							

1.8	0.7	단위모~1	I	-0.0	0.0	-0.0	-0.0
				J	-0.0	0.0	-0.0
2.1	-0.7						
1.4	41291.9	676.4	활하중 Max	I	0.0	0.3	3.1
				J	0.0	0.3	3.1
1.4	41266.2	704.6	Min	I	-0.0	-0.3	-3.1
				J	-0.0	-0.3	-3.1
-9075.0	-704.8						
-6833.5	-676.2						
55947.4	-142.8	합성전~2	I	-0.0	-0.1	-31.5	0.5
				J	-0.0	-0.1	30.0
59837.7	142.7						
453 9747.6	1 -81.3	19 합성후~1	I	-0.0	-0.0	-6.8	-0.0
				J	-0.0	-0.0	7.2
8696.6	81.2						
2.1	0.7	단위모~1	I	-0.0	0.0	-0.0	-0.0
				J	-0.0	0.0	-0.0
3.1	-0.6						
1.6	41266.8	675.9	활하중 Max	I	0.0	0.3	3.2
				J	0.0	0.3	3.2
1.6	39547.0	704.3	Min	I	-0.0	-0.3	-2.9
				J	-0.0	-0.3	-2.9
-6833.6	-705.1						
-5007.0	-675.2						
59837.9	-146.4	합성전~2	I	-0.0	-0.1	-29.7	0.3
				J	-0.0	-0.1	31.8
54498.6	146.2						
454 8696.7	1 -82.6	19 합성후~1	I	-0.0	-0.0	-6.5	-0.1
				J	-0.0	-0.0	7.5
6430.6	83.4						
3.1	0.5	단위모~1	I	-0.0	0.0	-0.0	0.0
				J	-0.0	0.0	-0.0
3.8	-0.5						
1.8	39547.9	680.9	활하중 Max	I	0.0	0.3	3.2
				J	0.0	0.3	3.2
1.8	35883.6	717.3	Min	I	-0.0	-0.3	-2.6
				J	-0.0	-0.3	-2.6
-5007.1	-711.0						
-3588.0	-687.0						
54499.9	-151.1	합성전~2	I	-0.0	-0.1	-28.3	0.1
				J	-0.0	-0.1	33.2
42245.3	152.4						
455 6430.7	1 -76.6	19 합성후~1	I	-0.0	-0.0	-6.1	-0.2
				J	-0.0	-0.0	7.9
1950.7	68.1						
3.8	0.4	단위모~1	I	-0.0	0.0	-0.0	0.0
				J	-0.0	0.0	-0.0
9.1	-0.3						
2.3	35884.9	626.5	활하중 Max	I	0.0	0.3	5.6
				J	0.0	0.3	5.6
2.3	16243.9	582.6	Min	I	-0.0	-0.3	-1.5
				J	-0.0	-0.3	-1.5
-3588.2	-654.6						
-1577.6	-557.6						
42246.7	-141.7	합성전~2	I	-0.0	-0.1	-25.0	-0.1
				J	-0.0	-0.1	36.5
13560.1	125.9						
456 1951.4	1 -151.8	19 합성후~1	I	0.0	-0.2	-2.0	-0.2
				J	0.0	-0.2	3.9
-2.8	169.9						

9.1	0.3	단위모~1	I	-0.0	0.0	0.0	-0.0
				J	-0.0	0.0	-0.0
-0.0	-0.3						
2.3	16245.3	1233.5	활하중 Max	I	0.1	1.4	7.7
				J	0.1	1.4	7.7
2.3	2.8	1443.5	Min	I	-0.1	-1.4	-0.9
				J	-0.1	-1.4	-0.9
-1577.8	-1290.0						
-8.1	-1380.3						
13564.4	-284.0	합성전~2	I	0.0	-0.3	-6.4	-0.4
				J	0.0	-0.3	19.4
-16.4	317.8						

BEAM ELEMENT FORCES & MOMENTS MIN/MAX SUMMARY BY PROPERTY PRINTOUT Unit System : kN , mm

* LENGTH : the length of between two nodes

[SECTION NAME : 외측거더1 , SECTION ID : 1]

** MAX							
ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	
TORSION	MOMENT-y	MOMENT-z	LENGTH				

42	AXL 합성후~1	1	I	72.3	-1.7	107.2	-85400.4
1.9e+006	-13300.8	3150.00					
42	SHY 활하중	1	J	2.4	6.0	355.2	604491.7
2.1e+006	29563.0	3150.00					
44	SHZ 합성전~2	1	J	0.4	-4.9	950.1	149813.9
-16661.5	62.8	2100.00					
43	TOR 활하중	1	J	1.7	5.0	432.1	686103.2
767995.8	7634.4	5000.00					
4	MTY 합성전~2	1	J	0.9	-8.8	-426.1	463.9
7.1e+006	75151.8	3150.00					
4	MTZ 합성전~2	1	J	0.9	-8.8	-426.1	463.9
7.1e+006	75151.8	3150.00					

*** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	
TORSION	MOMENT-y	MOMENT-z	LENGTH				
4	AXL 합성후~1	1	J	-69.6	-1.1	-99.8	105907.7
1.9e+006	677.5	3150.00					
4	SHY 활하중	1	I	-1.8	-9.1	-346.6	-551797.8
-310025.4	-27313.0	3150.00					
2	SHZ 합성전~2	1	I	0.5	-5.0	-967.5	-62942.4
1821.2	-61.9	2100.00					
3	TOR 활하중	1	I	-1.3	-7.6	-424.5	-651406.6
-121525.2	-7385.9	5000.00					
4	MTY 활하중	1	J	-1.8	-9.1	-276.9	-448896.0
-424200.2	-42438.7	3150.00					
42	MTZ 합성전~2	1	I	0.6	-8.6	434.8	172475.2
7.1e+006	-73289.6	3150.00					

[SECTION NAME : 외측거더2 , SECTION ID : 2]

** MAX							
ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z	
TORSION	MOMENT-y	MOMENT-z	LENGTH				

38	AXL 합성후~1	1	I	166.1	-0.4	-72.7	56437.4
2.1e+006	-28408.5 1900.00						
25	SHY 합성전~2	1	I	-1.1	15.9	33.5	12031.4
2.5e+006	5281.8 5025.00						
41	SHZ 합성전~2	1	J	0.6	-8.6	434.8	172475.2
7.1e+006	-73289.6 1850.00						

-11022.9	-366.6	2100.00							
93 TOR	활하중	1	I	-1.5	-9.5	-679.7	-832310.8		
-156190.0	-12655.4	5000.00							
94 MTY	활하중	1	J	-2.1	-10.1	-419.5	-788787.4		
-433945.0	-54193.0	3150.00							
132 MTZ	합성전~2	1	I	0.6	-9.7	453.9	71750.4		
7.6e+006	-89472.6	3150.00							

[SECTION NAME : 내측거더2 , SECTION ID : 7]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z
TORSION	MOMENT-y	MOMENT-z	LENGTH			
116 AXL	활하중	1	I	11.2	15.4	363.1
3.5e+006	218128.0	1850.00				778644.5
114 SHY	합성전~2	1	I	-0.7	19.4	-276.6
2.0e+006	102819.9	5025.00				15592.5
115 SHZ	활하중	1	J	10.5	15.5	510.0
3.5e+006	217287.9	5025.00				725257.9
131 TOR	활하중	1	I	2.2	7.0	355.1
4.0e+006	69297.4	1850.00				880249.2
98 MTY	합성전~2	1	I	1.2	-10.1	2.6
9.3e+006	159777.0	500.00				131966.3
113 MTZ	활하중	1	I	9.2	15.5	342.1
3.4e+006	258631.2	1850.00				671130.6

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z
TORSION	MOMENT-y	MOMENT-z	LENGTH			
116 AXL	활하중	1	J	-11.0	-10.1	-341.3
-1.8e+006	-251006.7	1850.00				-612234.5
53 SHY	활하중	1	I	-2.2	-10.3	-267.2
-711877.6	-83364.8	500.00				-174015.9
114 SHZ	활하중	1	I	-9.8	-10.1	-509.3
-1.8e+006	-213374.2	5025.00				-658348.0
95 TOR	활하중	1	J	-2.1	-10.1	-354.0
-511640.6	-63699.3	1850.00				-801443.6
113 MTY	활하중	1	I	-9.1	-10.1	-427.8
-1.8e+006	-209628.9	1850.00				-707496.0
116 MTZ	활하중	1	J	-11.0	-10.1	-341.3
-1.8e+006	-251006.7	1850.00				-612234.5

[SECTION NAME : 내측거더3 , SECTION ID : 8]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z
TORSION	MOMENT-y	MOMENT-z	LENGTH			
117 AXL	활하중	1	I	11.2	15.4	427.8
3.4e+006	218985.7	3150.00				770863.7
112 SHY	합성전~2	1	I	-0.7	19.3	-578.1
-269875.0	199735.0	3150.00				13083.2
103 SHZ	합성전~2	1	J	1.4	-10.3	835.8
3.0e+006	312226.0	5000.00				51035.3
103 TOR	활하중	1	J	4.8	6.0	583.2
2.9e+006	296499.0	5000.00				846048.1
102 MTY	합성전~2	1	I	1.3	-10.2	397.1
8.0e+006	229315.2	3100.00				100264.3
103 MTZ	합성전~2	1	J	1.4	-10.3	835.8
3.0e+006	312226.0	5000.00				51035.3

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z
TORSION	MOMENT-y	MOMENT-z	LENGTH			
117 AXL	활하중	1	J	-11.0	-10.1	-218.7
-1.9e+006	-268804.7	3150.00				-613066.9
103 SHY	합성전~2	1	I	1.4	-10.3	605.6
6.6e+006	260666.8	5000.00				53535.3
81 SHZ	합성전~2	1	I	0.5	-8.1	-832.6
3.0e+006	-278191.8	5000.00				37523.5
126 TOR	활하중	1	I	-4.7	-9.8	-583.2
-1.5e+006	-276442.2	5000.00				-779189.0
112 MTY	활하중	1	I	-9.1	-10.1	-553.6
-1.9e+006	-210412.7	3150.00				-730846.7
126 MTZ	합성전~2	1	I	0.4	-10.1	-832.0
3.0e+006	-304492.7	5000.00				116719.4

[SECTION NAME : 내측거더4 , SECTION ID : 9]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z
TORSION	MOMENT-y	MOMENT-z	LENGTH			
119 AXL	활하중	1	I	12.5	13.8	576.3
1.9e+006	237216.7	600.00				832839.2
118 SHY	합성전~2	1	J	-0.5	18.9	884.1
-4.0e+006	-283798.1	5000.00				-74966.5
105 SHZ	합성전~2	1	J	1.3	-8.2	1255.7
-2.9e+006	366818.3	650.00				-59028.6
104 TOR	활하중	1	J	5.4	5.8	649.7
1.7e+006	342760.4	5000.00				884466.2
80 MTY	합성전~2	1	J	0.3	-6.2	-906.9
3.0e+006	-278065.3	5000.00				-27620.0
105 MTZ	합성전~2	1	J	1.3	-8.2	1255.7
-2.9e+006	366818.3	650.00				-59028.6

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z
TORSION	MOMENT-y	MOMENT-z	LENGTH			
119 AXL	활하중	1	J	-12.2	-8.9	-196.8
-2.5e+006	-317161.1	600.00				-835903.2
104 SHY	합성전~2	1	J	1.4	-10.0	1145.1
-2.1e+006	361748.5	5000.00				-7886.6
124 SHZ	합성전~2	1	I	0.1	-8.0	-1255.0
-2.9e+006	-357824.6	650.00				5679.5
124 TOR	활하중	1	J	-6.0	-8.3	-608.6
-2.0e+006	-319606.9	650.00				-852811.4
110 MTY	합성전~2	1	I	-0.7	17.0	-992.2
-4.7e+006	304708.0	600.00				-50901.0
124 MTZ	합성전~2	1	I	0.1	-8.0	-1255.0
-2.9e+006	-357824.6	650.00				5679.5

[SECTION NAME : 내측거더5 , SECTION ID : 10]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z
TORSION	MOMENT-y	MOMENT-z	LENGTH			
121 AXL	활하중	1	I	13.2	10.0	743.8
747247.1	252647.3	2500.00				851623.9
120 SHY	합성전~2	1	J	-0.2	17.0	1219.3
-9.5e+006	-369241.8	4400.00				-106734.1
107 SHZ	합성전~2	1	J	1.0	-3.5	1646.5
-1.3e+007	411002.0	2500.00				-86980.8
106 TOR	활하중	1	J	6.0	5.0	769.0
852878.6	382633.5	4350.00				909723.2
109 MTY	활하중	1	J	8.0	13.7	197.7
1.8e+006	338226.3	4400.00				817597.8
107 MTZ	합성전~2	1	J	1.0	-3.5	1646.5
-1.3e+007	411002.0	2500.00				-86980.8

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z
TORSION	MOMENT-y	MOMENT-z	LENGTH			
121 AXL	활하중	1	J	-12.8	-6.4	-82.0
-4.9e+006	-368043.0	2500.00				-900789.9
120 SHY	활하중	1	J	-12.2	-8.9	-101.8
-3.8e+006	-353101.0	4400.00				-850435.6
122 SHZ	합성전~2	1	I	-0.4	-3.3	-1658.5
-1.3e+007	-400691.5	2500.00				-45714.4
122 TOR	활하중	1	I	-6.8	-5.1	-871.0
-4.9e+006	-368323.9	2500.00				-920789.1
122 MTY	합성전~2	1	I	-0.4	-3.3	-1658.5
-1.3e+007	-400691.5	2500.00				-45714.4
122 MTZ	합성전~2	1	I	-0.4	-3.3	-1658.5
-1.3e+007	-400691.5	2500.00				-45714.4

[SECTION NAME : 중분대거더1 , SECTION ID : 11]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z
TORSION	MOMENT-y	MOMENT-z	LENGTH			

177	AXL	활하중	1	I	2.1	6.7	322.8	319388.2
3.4e+006	84510.7	3150.00						
179	SHY	활하중	1	I	1.0	13.6	484.7	311673.5
1.0e+006	25430.3	2100.00						
179	SHZ	합성전~2	1	J	-1.4	-18.8	986.0	-82720.8
-3383.3	251.3	2100.00						
138	TOR	활하중	1	I	1.4	7.8	59.7	415317.2
995643.8	40019.9	5000.00						
177	MTY	합성전~2	1	I	-2.0	-8.8	429.9	809.0
7.2e+006	-127329.4	3150.00						
139	MTZ	합성전~2	1	J	-2.9	-9.0	-439.7	149070.9
7.2e+006	130806.5	3150.00						

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z
TORSION	MOMENT-y	MOMENT-z	LENGTH			
139	AXL	합성전~2	1	J	-2.9	-9.0
7.2e+006	130806.5	3150.00				
137	SHY	활하중	1	J	-1.5	-20.3
-128068.4	-23570.3	2100.00				
137	SHZ	합성전~2	1	I	-1.7	-19.3
-20356.5	-239.2	2100.00				
178	TOR	활하중	1	J	-2.3	-12.4
-127311.7	-35920.4	5000.00				
177	MTY	활하중	1	I	-2.8	-9.1
-468128.9	-119110.7	3150.00				
177	MTZ	합성전~2	1	I	-2.0	-8.8
7.2e+006	-127329.4	3150.00				

[SECTION NAME : 중분대거터2 , SECTION ID : 12]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z
TORSION	MOMENT-y	MOMENT-z	LENGTH			
161	AXL	활하중	1	I	13.0	16.5
3.2e+006	210223.5	1850.00				
158	SHY	합성전~2	1	J	2.7	21.2
1.7e+006	102977.2	1850.00				
176	SHZ	합성전~2	1	J	-2.0	-8.8
7.2e+006	-127329.4	1850.00				
140	TOR	활하중	1	J	1.9	5.7
3.7e+006	144328.7	1850.00				
143	MTY	합성전~2	1	J	-3.3	-7.7
8.9e+006	189088.9	500.00				
158	MTZ	활하중	1	I	10.9	17.0
3.0e+006	253863.3	1850.00				

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z
TORSION	MOMENT-y	MOMENT-z	LENGTH			
161	AXL	활하중	1	J	-12.4	-10.7
-1.8e+006	-245250.2	1850.00				
158	SHY	활하중	1	J	-10.3	-10.8
-1.8e+006	-204607.5	1850.00				
140	SHZ	합성전~2	1	I	-2.9	-9.0
7.2e+006	130806.5	1850.00				
176	TOR	활하중	1	I	-2.8	-9.1
-551229.0	-134588.9	1850.00				
158	MTY	활하중	1	I	-10.3	-10.8
-1.9e+006	-203016.7	1850.00				
161	MTZ	활하중	1	J	-12.4	-10.7
-1.8e+006	-245250.2	1850.00				

[SECTION NAME : 중분대거터3 , SECTION ID : 13]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z
TORSION	MOMENT-y	MOMENT-z	LENGTH			
162	AXL	활하중	1	I	13.0	16.5
3.0e+006	212459.4	3150.00				
157	SHY	합성전~2	1	J	2.7	21.2
1.1e+006	142165.1	3150.00				
148	SHZ	합성전~2	1	J	-3.2	-11.4
2.9e+006	324374.0	5000.00				
148	TOR	활하중	1	I	4.3	6.4
3.5e+006	259365.7	5000.00				

147	MTY	합성전~2	1	I	-3.3	-8.9	368.8	50043.9
7.7e+006	240145.7	3100.00						
148	MTZ	합성전~2	1	J	-3.2	-11.4	802.1	2299.4
2.9e+006	324374.0	5000.00						

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z
TORSION	MOMENT-y	MOMENT-z	LENGTH			
162	AXL	활하중	1	J	-12.4	-10.7
-1.9e+006	-267887.4	3150.00				
148	SHY	합성전~2	1	I	-3.2	-11.4
6.3e+006	267390.4	5000.00				
171	SHZ	합성전~2	1	I	-1.2	-11.2
2.7e+006	-316212.5	5000.00				
148	TOR	활하중	1	I	-4.9	-10.9
-1.2e+006	-153087.5	5000.00				
157	MTY	활하중	1	I	-10.3	-10.8
-1.9e+006	-206482.9	3150.00				
171	MTZ	합성전~2	1	I	-1.2	-11.2
2.7e+006	-316212.5	5000.00				

[SECTION NAME : 중분대거터4 , SECTION ID : 14]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z
TORSION	MOMENT-y	MOMENT-z	LENGTH			
164	AXL	활하중	1	I	14.0	24.7
1.5e+006	246323.3	600.00				
155	SHY	합성전~2	1	J	1.9	32.2
-4.0e+006	334707.0	600.00				
150	SHZ	합성전~2	1	J	-2.4	-23.2
-2.7e+006	418132.4	650.00				
155	TOR	활하중	1	J	9.1	26.2
1.5e+006	357009.0	600.00				
149	MTY	합성전~2	1	I	-3.0	-15.8
2.9e+006	324159.6	5000.00				
150	MTZ	합성전~2	1	J	-2.4	-23.2
-2.7e+006	418132.4	650.00				

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z
TORSION	MOMENT-y	MOMENT-z	LENGTH			
164	AXL	활하중	1	J	-13.8	-16.2
-2.3e+006	-344379.2	600.00				
150	SHY	합성전~2	1	I	-2.4	-23.2
-1.9e+006	403046.3	650.00				
169	SHZ	합성전~2	1	I	0.0	-22.9
-2.8e+006	-408373.1	650.00				
150	TOR	활하중	1	I	-6.0	-20.6
-1.9e+006	-218402.0	650.00				
155	MTY	합성전~2	1	I	1.9	32.2
-4.5e+006	354049.8	600.00				
169	MTZ	합성전~2	1	I	0.0	-22.9
-2.8e+006	-408373.1	650.00				

[SECTION NAME : 중분대거터5 , SECTION ID : 15]

** MAX

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z
TORSION	MOMENT-y	MOMENT-z	LENGTH			
166	AXL	활하중	1	J	14.6	33.7
741459.9	339938.0	2500.00				
153	SHY	합성전~2	1	J	1.0	43.9
-9.0e+006	496079.1	2500.00				
152	SHZ	합성전~2	1	J	-1.6	-34.9
-1.2e+007	606081.5	2500.00				
153	TOR	활하중	1	I	8.0	35.7
676466.2	539013.7	2500.00				
165	MTY	활하중	1	I	14.0	24.7
1.3e+006	251288.3	4400.00				
152	MTZ	합성전~2	1	J	-1.6	-34.9
-1.2e+007	606081.5	2500.00				

** MIN

ELEM	COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z
TORSION	MOMENT-y	MOMENT-z	LENGTH			

166 AXL 활하중	1	J	-14.7	-22.0	-121.6	-518178.2
-4.5e+006 -499659.2 2500.00						
152 SHY 합성전~2	1	I	-1.6	-34.9	1419.2	-137157.7
-8.2e+006 518884.7 2500.00						
167 SHZ 합성전~2	1	I	1.2	-34.4	-1476.8	-31357.2
-1.2e+007 -593717.0 2500.00						
152 TOR 활하중	1	J	-6.7	-30.5	-67.8	-523335.0
-4.6e+006 -313527.8 2500.00						
152 MTY 합성전~2	1	J	-1.6	-34.9	1549.0	-134407.7
-1.2e+007 606081.5 2500.00						
167 MTZ 합성전~2	1	I	1.2	-34.4	-1476.8	-31357.2
-1.2e+007 -593717.0 2500.00						

[SECTION NAME : 가로보1 , SECTION ID : 16 , SECTION SHAPE : H]
[SECTION SIZE] H:2500 B1:300 tw:16 tf1:12 B2:300 tf2:12
** MAX

ELEM COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z
TORSION	MOMENT-y	MOMENT-z	LENGTH		

183 AXL 활하중	1	I	18.2	0.7	100.3	13.3
379786.6 1053.3 2810.70						
181 SHY 합성후~1	1	I	-0.2	1.2	-30.4	-1.6
-98085.2 2000.0 2810.70						
277 SHZ 활하중	1	I	3.3	0.6	160.0	9.8
259817.2 588.6 2810.70						
182 TOR 활하중	1	I	10.9	0.8	99.6	18.4
213670.9 1200.5 2810.70						
184 MTY 활하중	1	I	3.5	0.6	157.7	6.1
635249.8 933.8 2810.70						
181 MTZ 합성후~1	1	I	-0.2	1.2	-30.4	-1.6
-98085.2 2000.0 2810.70						

** MIN

ELEM COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z
TORSION	MOMENT-y	MOMENT-z	LENGTH		

279 AXL 합성전~2	1	I	-17.6	0.1	3.3	10.9
31627.9 160.9 2810.70						
278 SHY 활하중	1	I	-10.0	-0.8	-81.9	-14.5
-133806.5 -795.0 2810.70						
183 SHZ 활하중	1	I	-10.8	-0.6	-115.1	-12.9
-346559.4 -1005.4 2810.70						
185 TOR 활하중	1	I	-9.9	-0.8	-84.6	-19.4
-161882.0 -1260.1 2810.70						
275 MTY 활하중	1	J	-6.2	-0.8	-85.8	-14.3
-371418.5 -1192.8 2810.70						
181 MTZ 합성후~1	1	J	-0.2	1.2	-30.4	-1.6
-12521.5 -1389.1 2810.70						

[SECTION NAME : 가로보2 , SECTION ID : 17 , SECTION SHAPE : H]
[SECTION SIZE] H:2700 B1:300 tw:16 tf1:12 B2:300 tf2:12
** MAX

ELEM COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z
TORSION	MOMENT-y	MOMENT-z	LENGTH		

285 AXL 합성전~2	1	J	30.5	0.1	-9.2	-2.3
220837.0 -189.0 2810.70						
187 SHY 합성후~1	1	I	-0.8	1.1	-23.0	0.6
-56802.3 1705.5 2810.70						
280 SHZ 활하중	1	I	3.4	0.7	131.3	10.3
221494.4 803.3 2810.70						
191 TOR 활하중	1	I	11.6	1.0	76.7	13.3
136281.7 1406.4 2810.70						
187 MTY 활하중	1	I	3.4	0.7	122.9	8.5
481581.0 1029.7 2810.70						
187 MTZ 합성후~1	1	I	-0.8	1.1	-23.0	0.6
-56802.3 1705.5 2810.70						

** MIN

ELEM COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z
TORSION	MOMENT-y	MOMENT-z	LENGTH		

282 AXL 합성전~2	1	I	-30.7	0.1	35.7	0.1
70726.3 161.0 2810.70						
284 SHY 활하중	1	I	-7.6	-1.0	-62.6	-12.3
-106088.0 -1110.5 2810.70						
192 SHZ 합성전~2	1	I	30.5	0.1	-117.2	-0.0
-134436.4 192.9 2810.70						
188 TOR 활하중	1	I	-12.5	-1.0	-71.7	-13.7
-127778.6 -1384.4 2810.70						
284 MTY 활하중	1	J	-7.6	-1.0	-62.6	-12.3
-296682.2 -1409.0 2810.70						
191 MTZ 활하중	1	I	-7.6	-1.0	-72.7	-12.9
-130127.7 -1431.1 2810.70						

[SECTION NAME : 가로보3 , SECTION ID : 18 , SECTION SHAPE : H]
[SECTION SIZE] H:1800 B1:300 tw:10 tf1:12 B2:300 tf2:12
** MAX

ELEM COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z
TORSION	MOMENT-y	MOMENT-z	LENGTH		

249 AXL 합성전~2	1	I	11.7	0.1	-44.9	2.1
-61904.1 193.3 2810.70						
193 SHY 합성후~1	1	I	1.2	1.4	-8.1	-0.4
-20438.4 2129.8 2810.70						
207 SHZ 활하중	1	I	0.6	0.7	93.7	1.4
364086.7 1041.8 2810.70						
194 TOR 활하중	1	I	4.8	0.9	27.3	4.7
64708.5 1298.1 2810.70						
353 MTY 활하중	1	J	1.0	0.8	74.3	1.4
373616.7 1250.8 2810.70						
193 MTZ 합성후~1	1	I	1.2	1.4	-8.1	-0.4
-20438.4 2129.8 2810.70						

** MIN

ELEM COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z
TORSION	MOMENT-y	MOMENT-z	LENGTH		

219 AXL 합성전~2	1	J	-11.8	0.1	-12.2	-2.5
27552.7 -150.2 2810.70						
365 SHY 활하중	1	I	-4.5	-0.9	-33.7	-3.7
-55508.6 -1030.1 2810.70						
353 SHZ 활하중	1	I	-0.7	-0.8	-105.7	-1.9
-89282.8 -781.9 2810.70						
272 TOR 활하중	1	I	-4.6	-0.9	-30.2	-4.7
-57153.6 -1365.2 2810.70						
203 MTY 활하중	1	I	-0.4	-0.8	-102.1	-1.8
-229714.2 -1196.0 2810.70						
193 MTZ 합성후~1	1	J	1.2	1.4	-8.1	-0.4
2362.0 -1690.9 2810.70						

[SECTION NAME : 스트럿거 , SECTION ID : 19 , SECTION SHAPE : H]
[SECTION SIZE] H:1200 B1:300 tw:10 tf1:12 B2:300 tf2:12
** MAX

ELEM COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z
TORSION	MOMENT-y	MOMENT-z	LENGTH		

377 AXL 활하중	1	J	0.2	0.8	1.6	1.8
7503.9 861.2 2500.00						
426 SHY 활하중	1	I	0.1	1.6	7.2	3.2
15147.8 1416.5 2100.00						
436 SHZ 합성전~2	1	J	0.0	-0.2	42.0	-0.6
-149106.4 186.3 2500.00						
426 TOR 활하중	1	I	0.1	1.6	7.2	3.2
15147.8 1416.5 2100.00						
400 MTY 합성전~2	1	J	0.0	-0.0	29.6	0.5
61240.9 77.2 5000.00						
367 MTZ 합성후~1	1	J	-0.3	-1.9	1.5	0.7
3096.1 1843.9 2100.00						

** MIN

ELEM COM	LC	PT	AXIAL	SHEAR-y	SHEAR-z
TORSION	MOMENT-y	MOMENT-z	LENGTH		

381 AXL 합성후~1	1	I	-5.3	-0.3	-7.2	-0.0
-1430.8 -641.0 5025.00						
367 SHY 합성후~1	1	I	-0.3	-1.9	-4.4	0.7
-4.1 -2063.5 2100.00						
417 SHZ 합성전~2	1	I	-0.0	-0.1	-42.0	-0.7
-150763.4 -62.6 2500.00						
397 TOR 활하중	1	I	-0.1	-1.5	-7.3	-3.2
-7.8 -1502.4 2100.00						
417 MTY 합성전~2	1	I	-0.0	-0.1	-42.0	-0.7
-150763.4 -62.6 2500.00						
367 MTZ 합성후~1	1	I	-0.3	-1.9	-4.4	0.7
-4.1 -2063.5 2100.00						