

BAB VII

KESIMPULAN DAN SARAN

7.1 Kesimpulan

Setelah dilakukan estimasi dimensi, analisis gempa dan perhitungan struktur atas Hotel Yellow Star 7 lantai dan 1 Basement Yogyakarta, didapatkan kesimpulan sebagai berikut :

1. Pelat satu arah dengan tebal 140 mm, tulangan pokok P12 – 200 dan tulangan susut P8 – 150.
2. Pelat dua arah dengan tebal 140 mm, tulangan tumpuan arah x P12 – 100, tulangan tumpuan arah y P12 – 100, tulangan lapangan arah x P12 – 200, tulangan lapangan arah y P12 – 200 dan tulangan susut P8 – 150.
3. Balok Induk dimensi 400 x 650 mm², menggunakan tulangan longitudinal tumpuan atas 5D25 bawah 3D25 dengan tulangan transversal tumpuan 3P12-100 dan tulangan longitudinal lapangan atas 3D25 bawah 3D25 dengan tulangan transversal lapangan 2P12-200.
4. Balok Induk dimensi 250 x 400 mm², menggunakan tulangan longitudinal tumpuan atas 3D25 bawah 3D25 dengan tulangan transversal tumpuan 2P12-80 dan tulangan longitudinal lapangan atas 2D25 bawah 2D25 dengan tulangan transversal lapangan 2P12-150.
5. Balok Anak dimensi 300 x 500 mm², menggunakan tulangan longitudinal tumpuan atas 3D25 bawah 2D25 dengan tulangan transversal tumpuan 2P12-

100 dan tulangan longitudinal lapangan atas 2D25 bawah 2D25 dengan tulangan transversal lapangan 2P12-200.

6. Kolom dimensi $800 \times 800 \text{ mm}^2$, menggunakan tulangan longitudinal 16D25, dengan tulangan transversal 4P12 – 100 sepanjang l_0 dan 4P12-150 pada daerah di luar l_0 .
7. Tangga dengan tebal pelat tangga 140 mm, tinggi 4 meter. Menggunakan tulangan longitudinal D16-200 dan tulangan susut digunakan P8-150.
8. Tangga dengan tebal pelat tangga 140 mm, tinggi 3,2 meter. Menggunakan tulangan longitudinal D16-200 dan tulangan susut digunakan P8-150.
9. Balok Bordes dimensi $250 \times 400 \text{ mm}^2$, menggunakan tulangan longitudinal atas 3D16 bawah 3D16 dengan tulangan transversal 2P8-150.

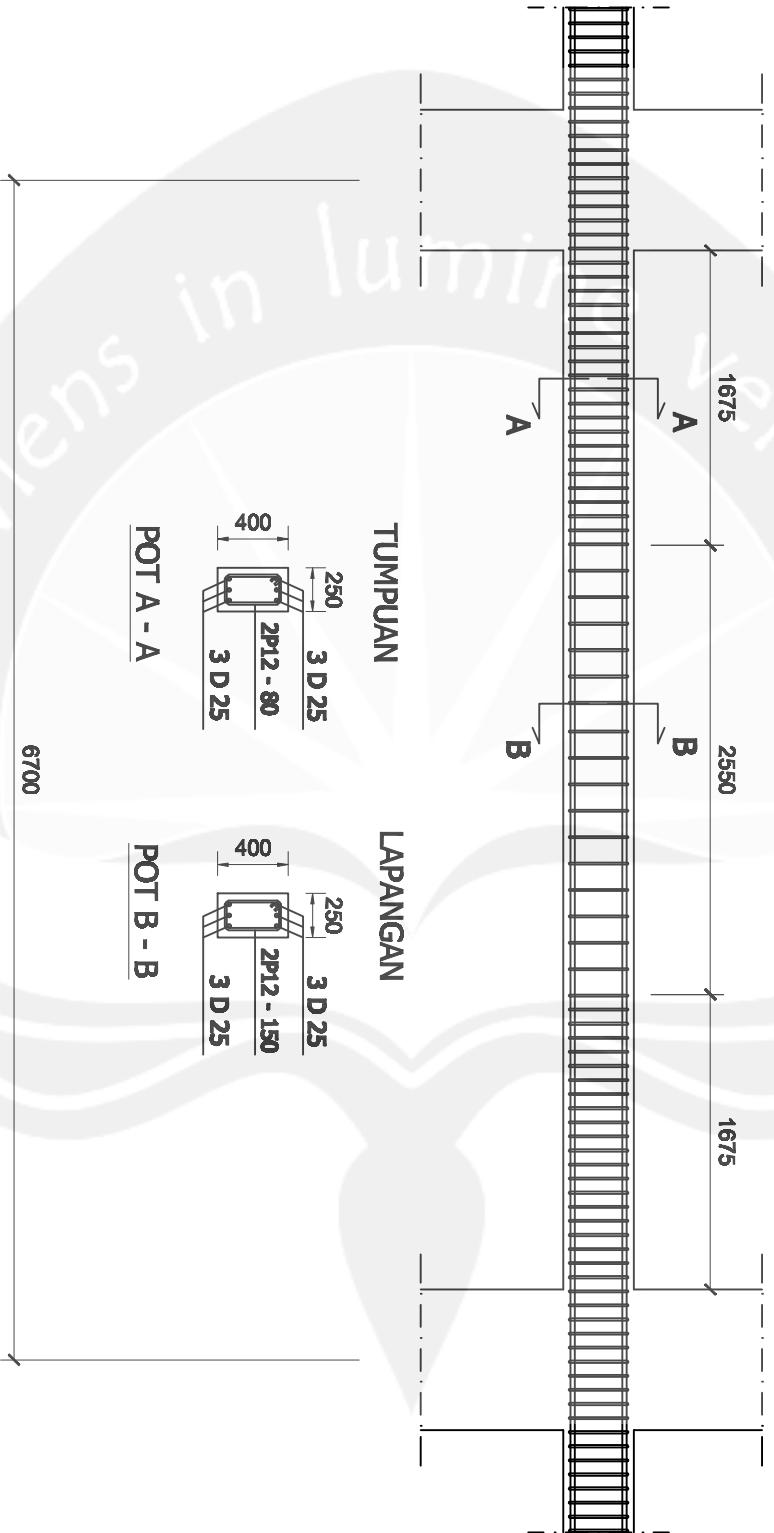
7.2 Saran

Berikut adalah beberapa saran penulis dari penyusunan Tugas Akhir yang berjudul Perancangan Ulang Hotel Yellow Star Yogyakarta :

1. Pemahaman gambar struktur proyek dan data teknis proyek harus di perhatikan dengan baik agar tidak terjadi kesalahan dalam perancangan.
2. Peraturan SNI pendukung harus di pelajari dengan baik agar perancangan struktur gedung dapat berstandart pada perancangan dari pemerintah.
3. Memperluas referensi perancangan seperti membaca buku perancangan sebanyak-banyaknya, modul kuliah, jurnal, dan juga bertanya kepada orang yang lebih berpengalaman guna membantu memperlancar proses pengerjaan Tugas Akhir.

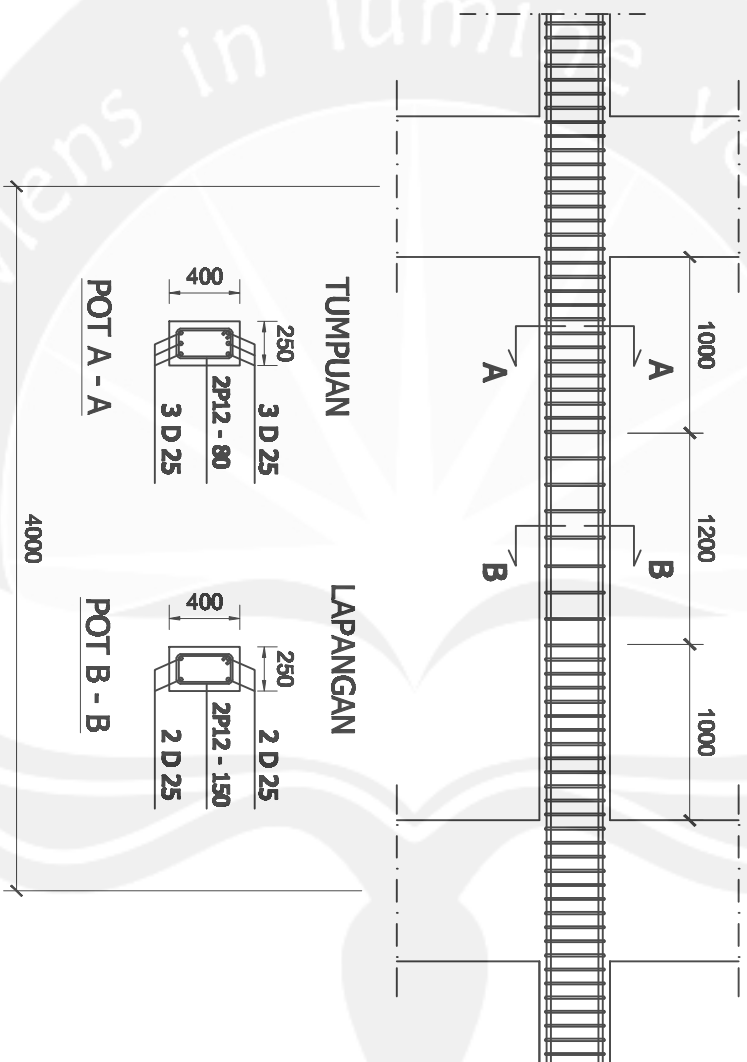
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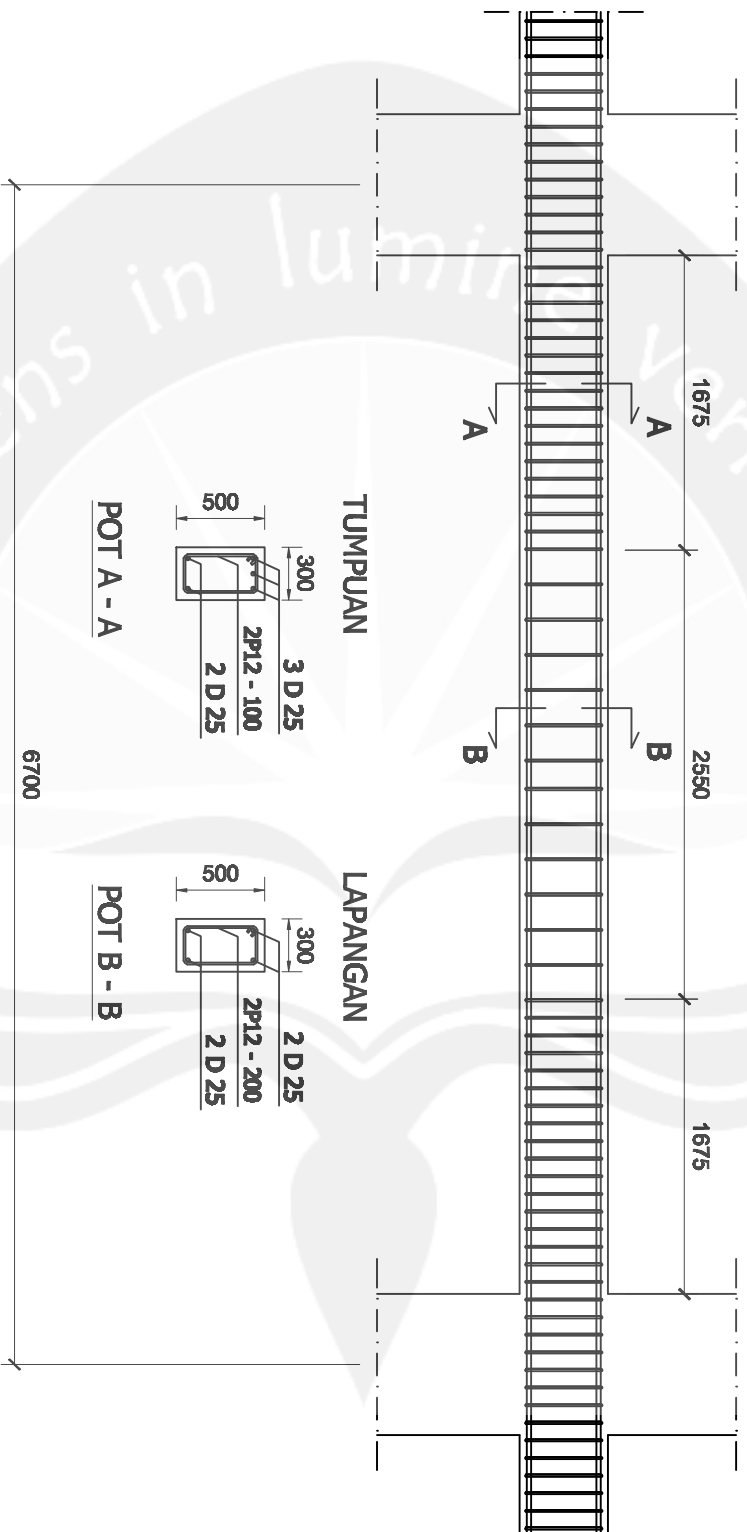
DETAIL PENUNGGAN BALOK BORDES

Skala 1 : 30



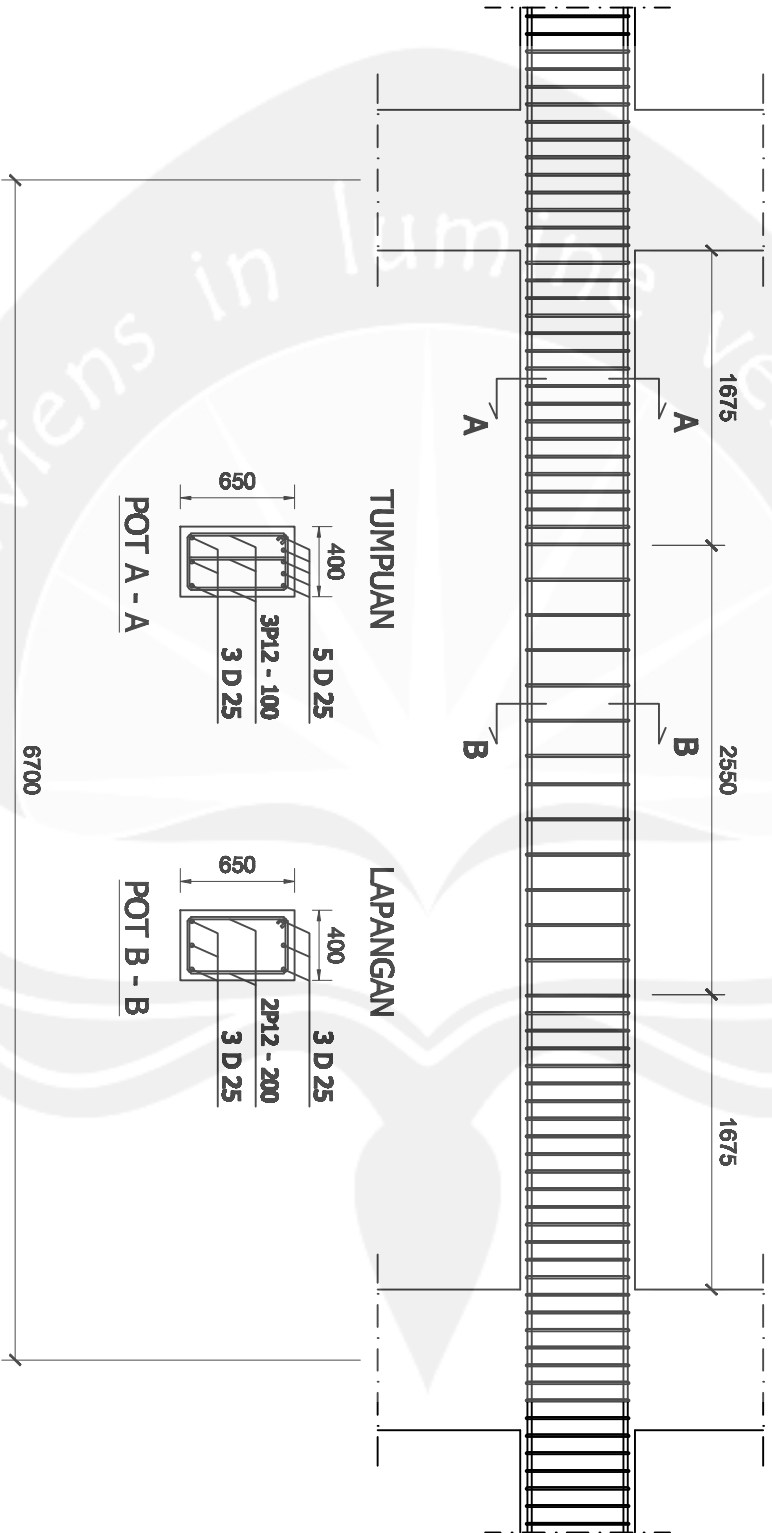
DETAIL PENULANGAN BALOK B3

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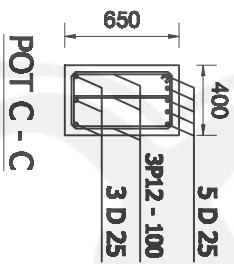
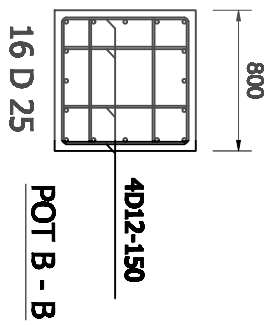
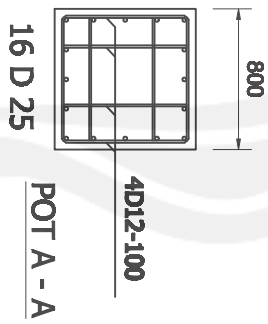
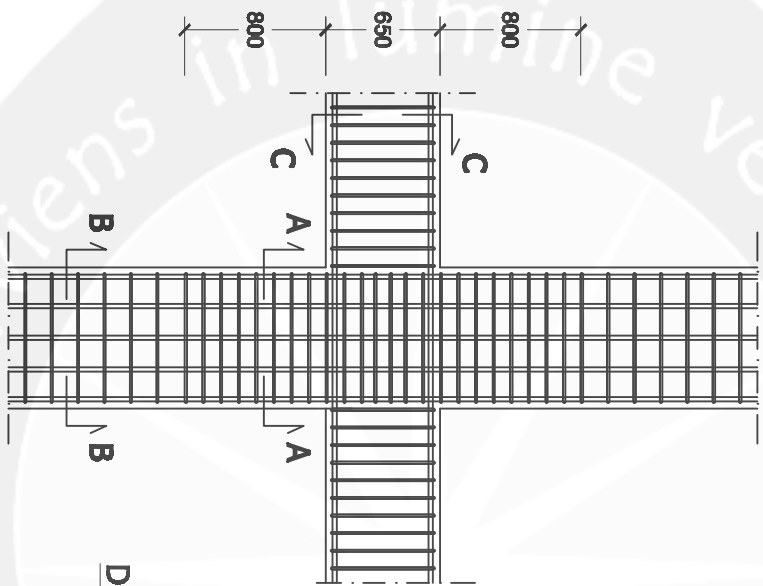
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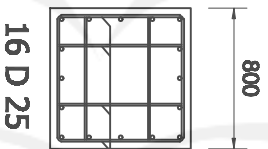
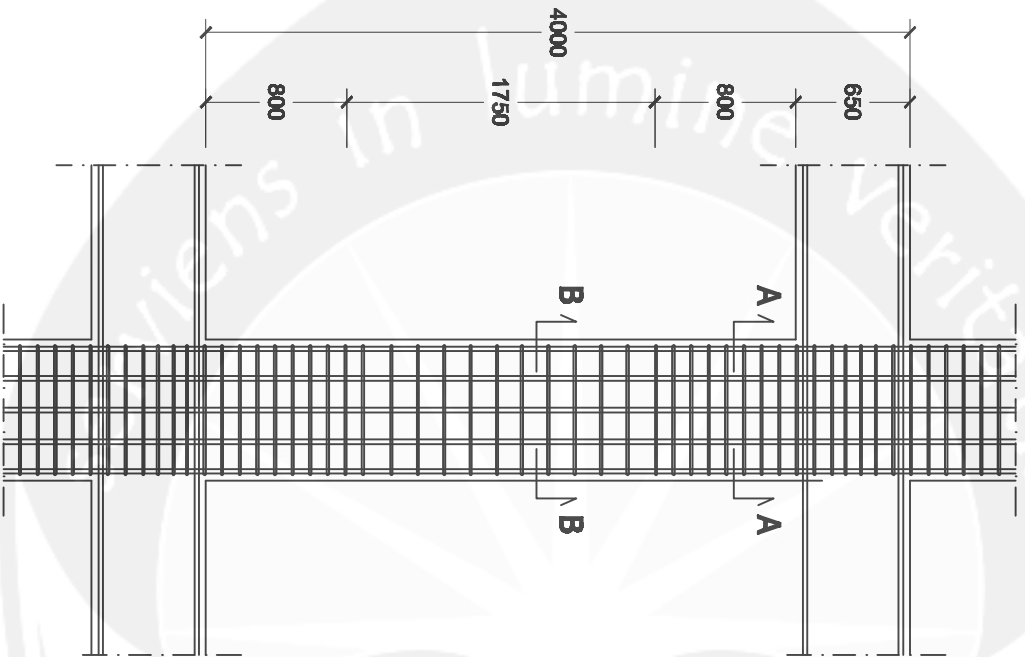
DETAIL PENULANGAN BALOK B1

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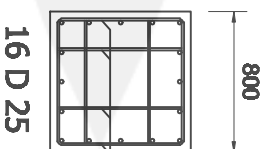


DETAIL HUBUNGAN KOLOM BALOK

Skala 1 : 30

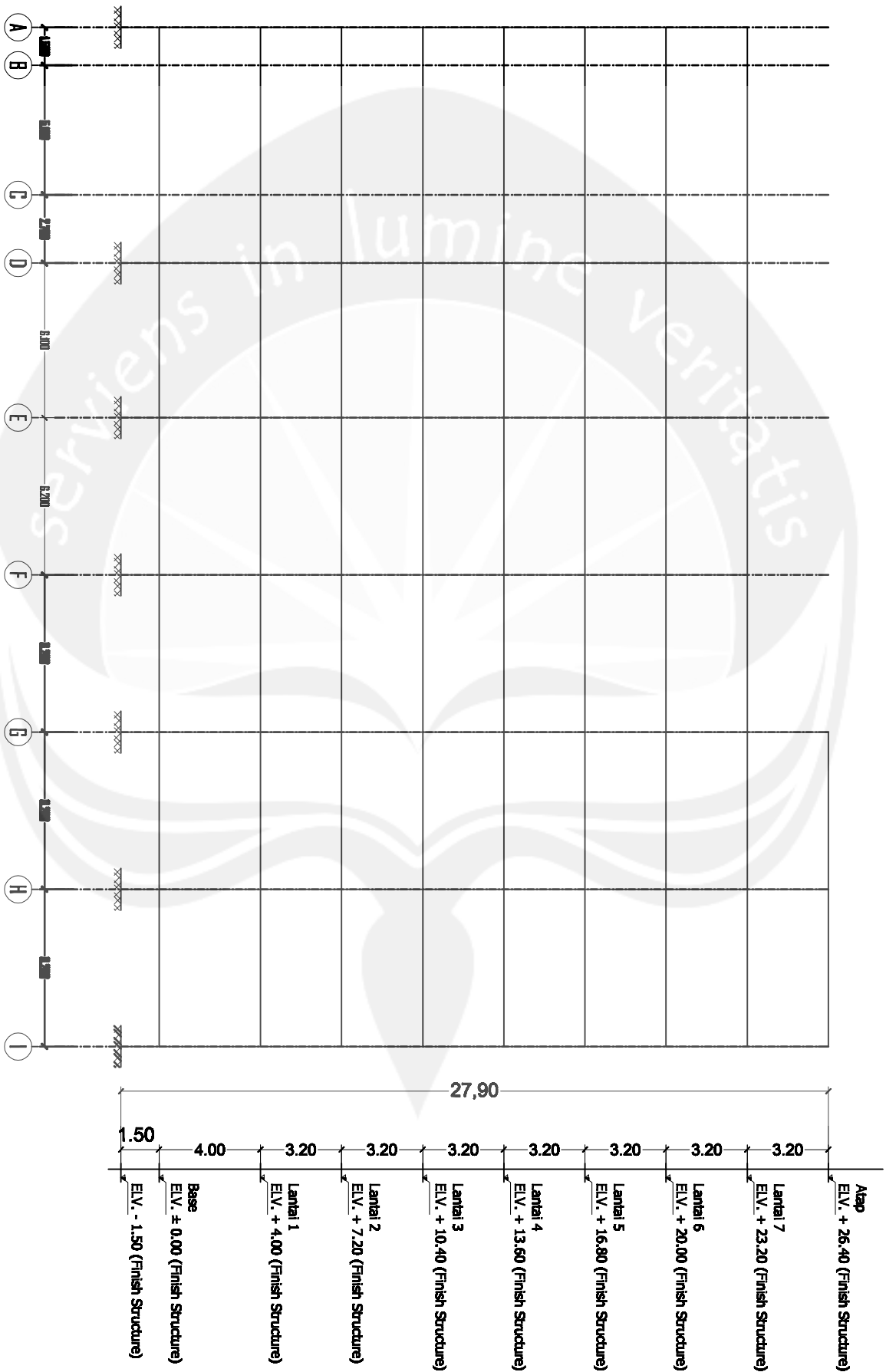


4D12-100
POT A - A



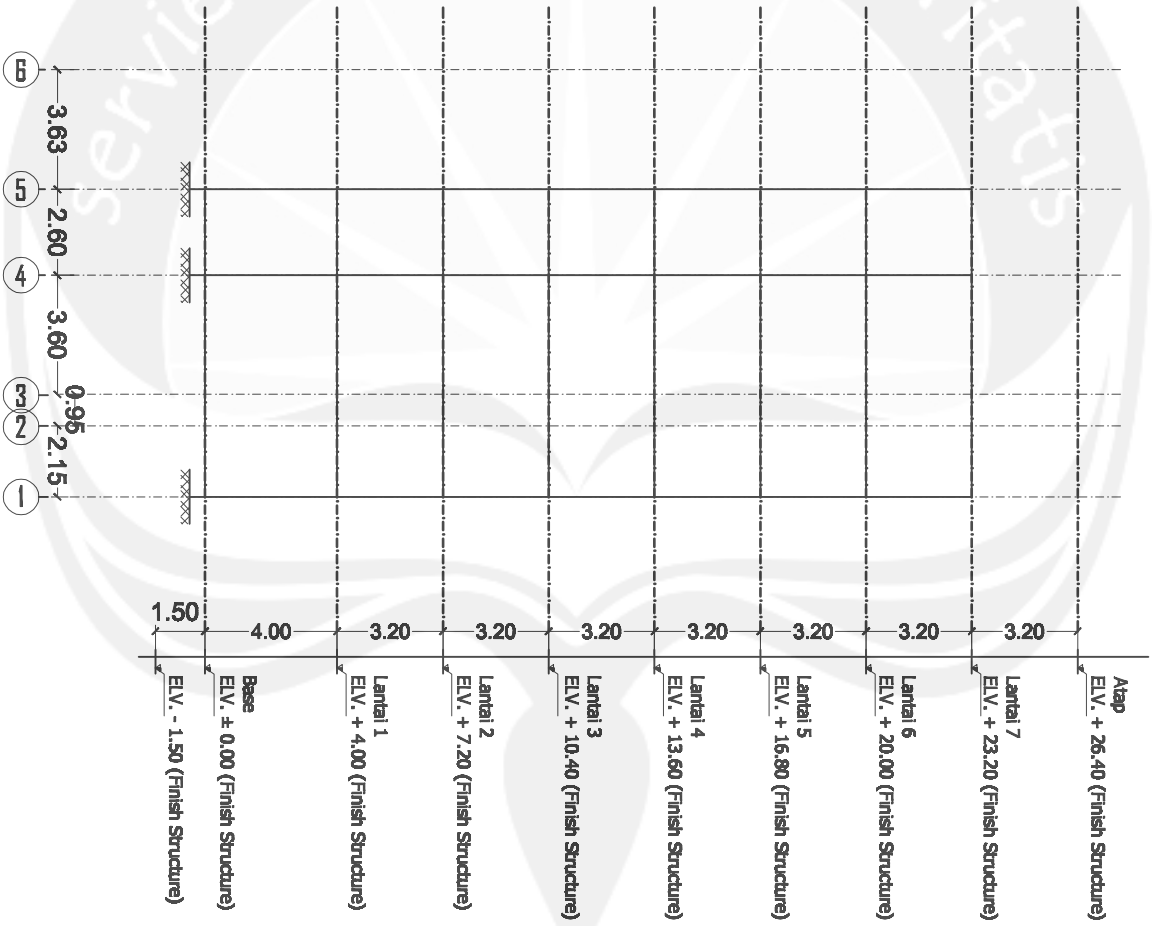
4D12-150
POT B - B

DETAIL PENULANGAN KOLOM C18
Skala 1 : 30



PORTAL AS 4
 Scale: 1:150

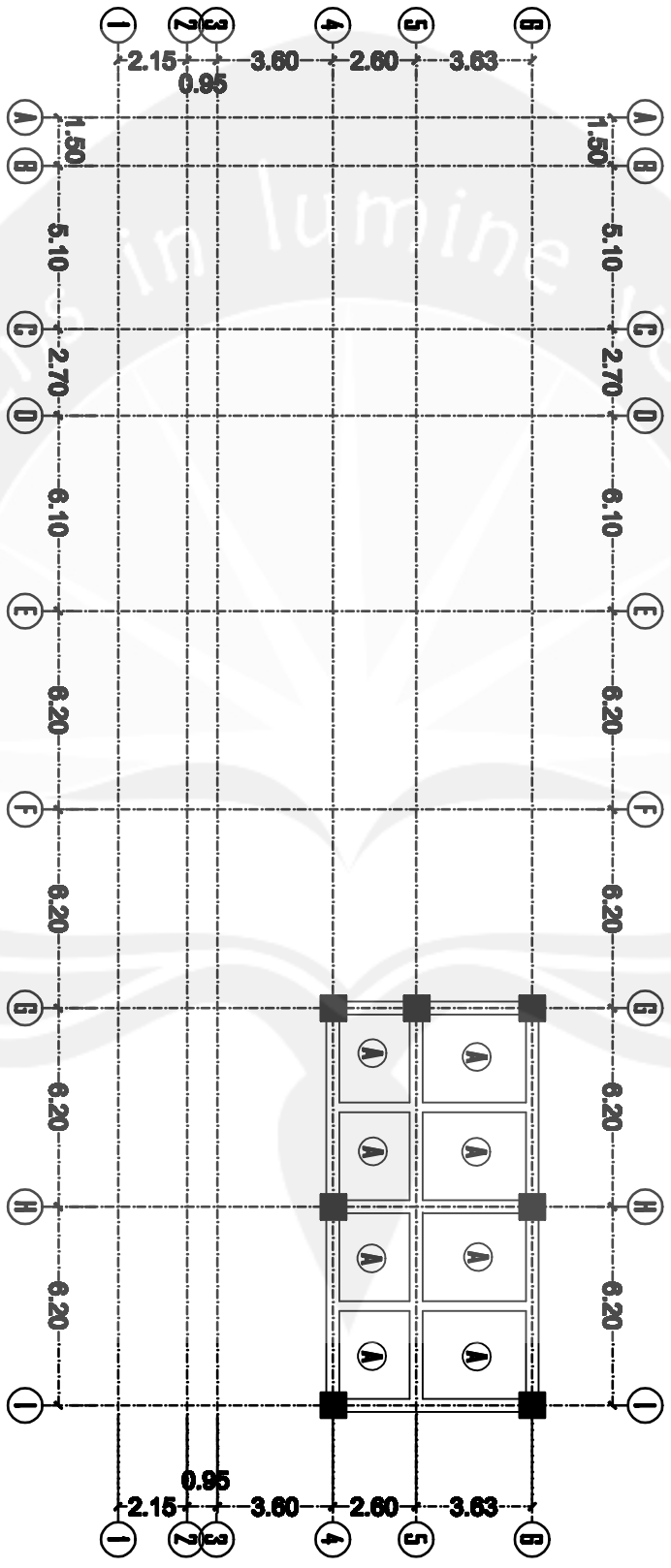




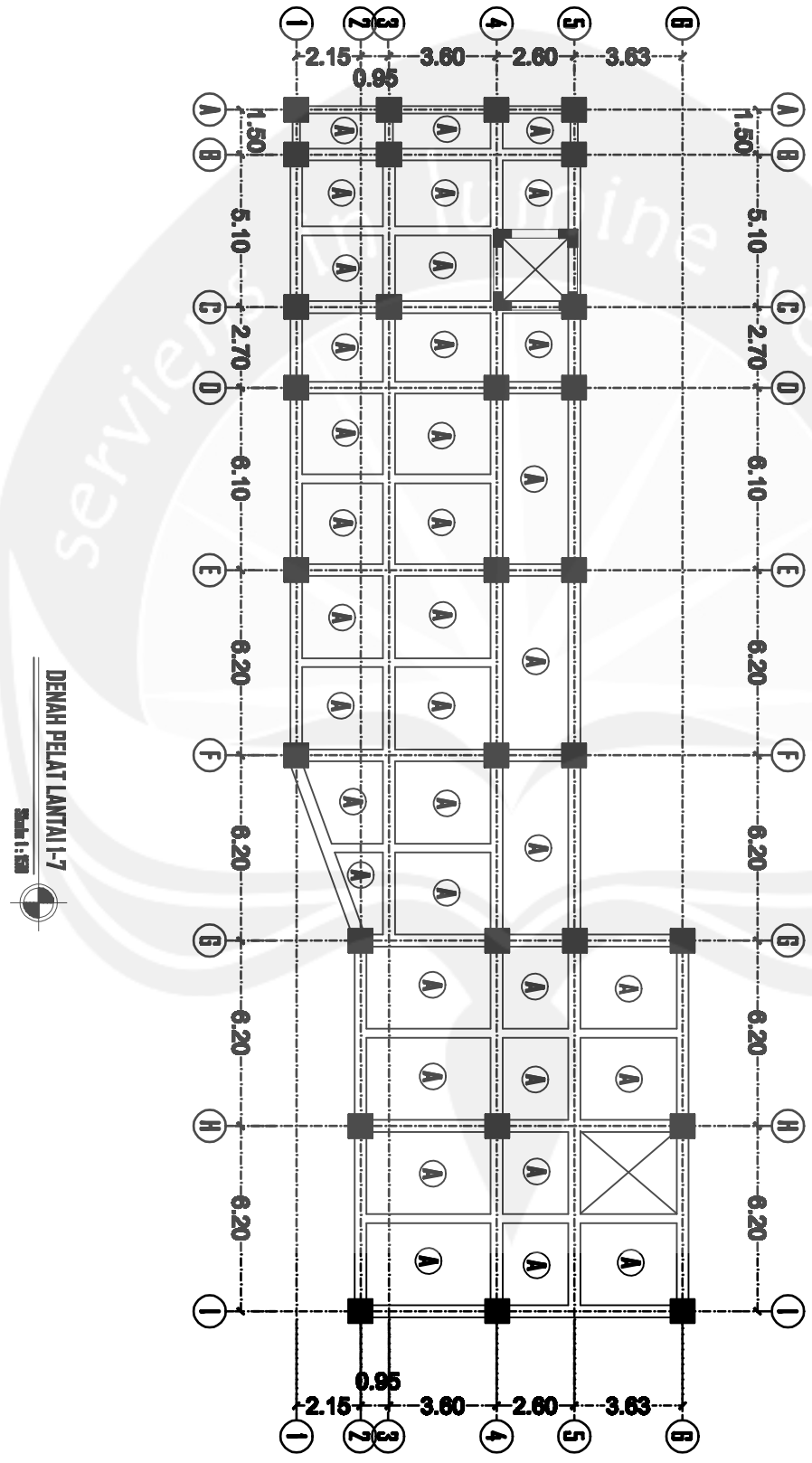
PORTAL ASE

Scale 1:50

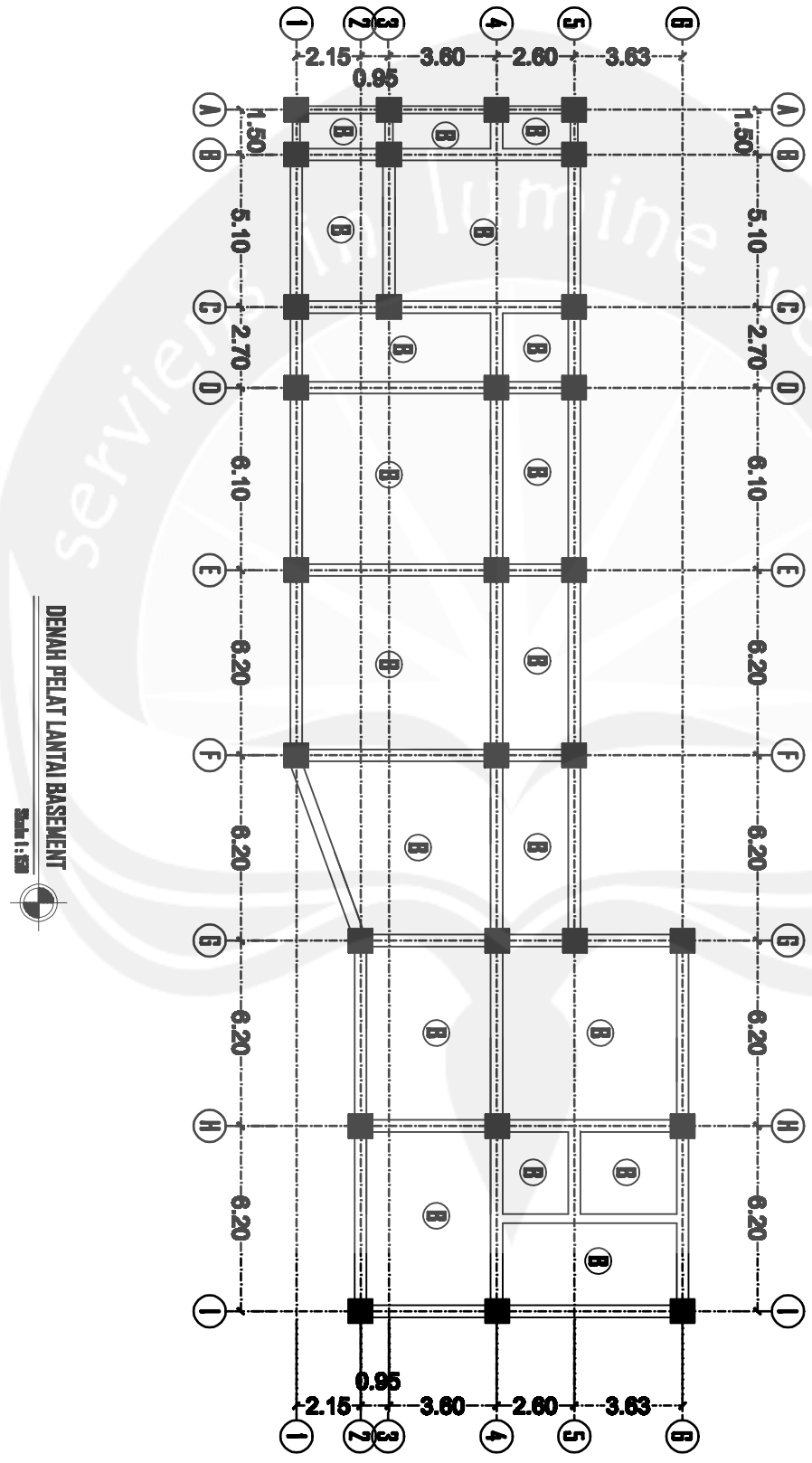




DENAH PELAT LANTAI ATAP
Skala 1:50



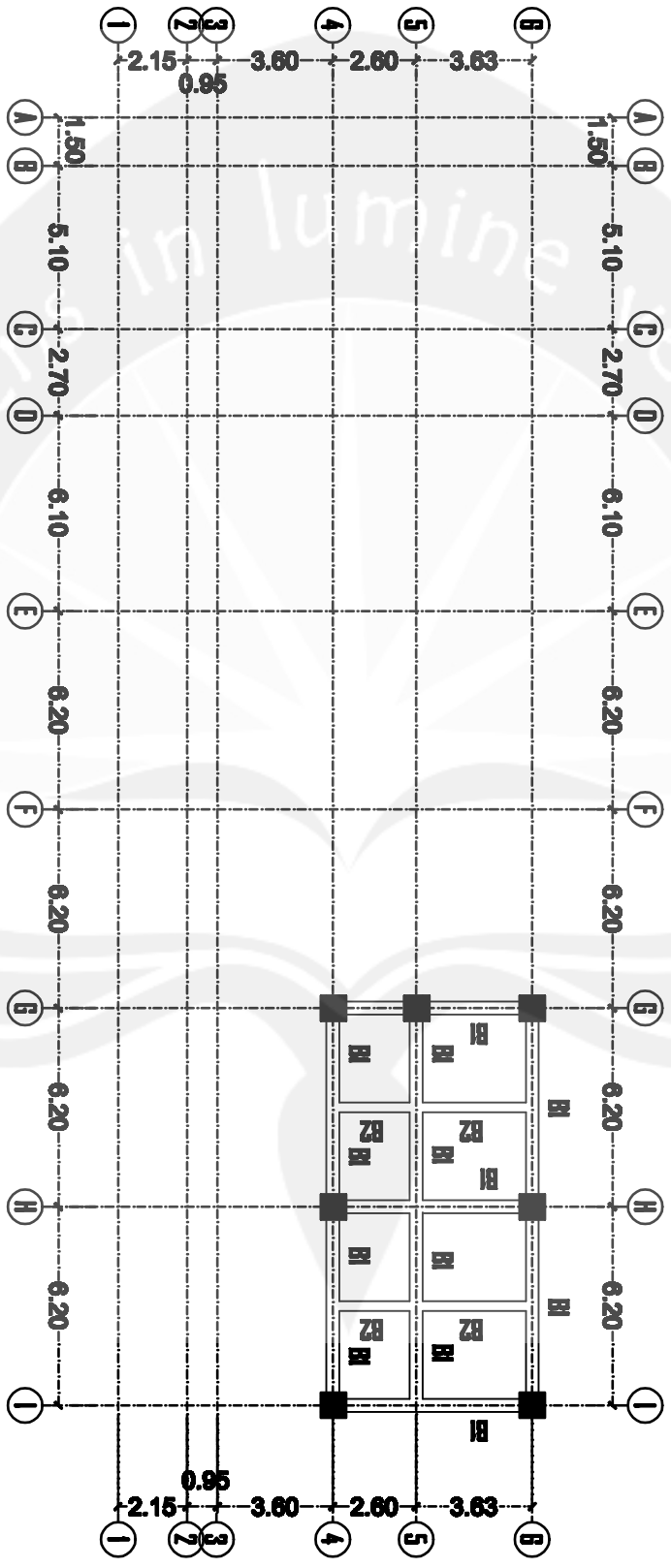
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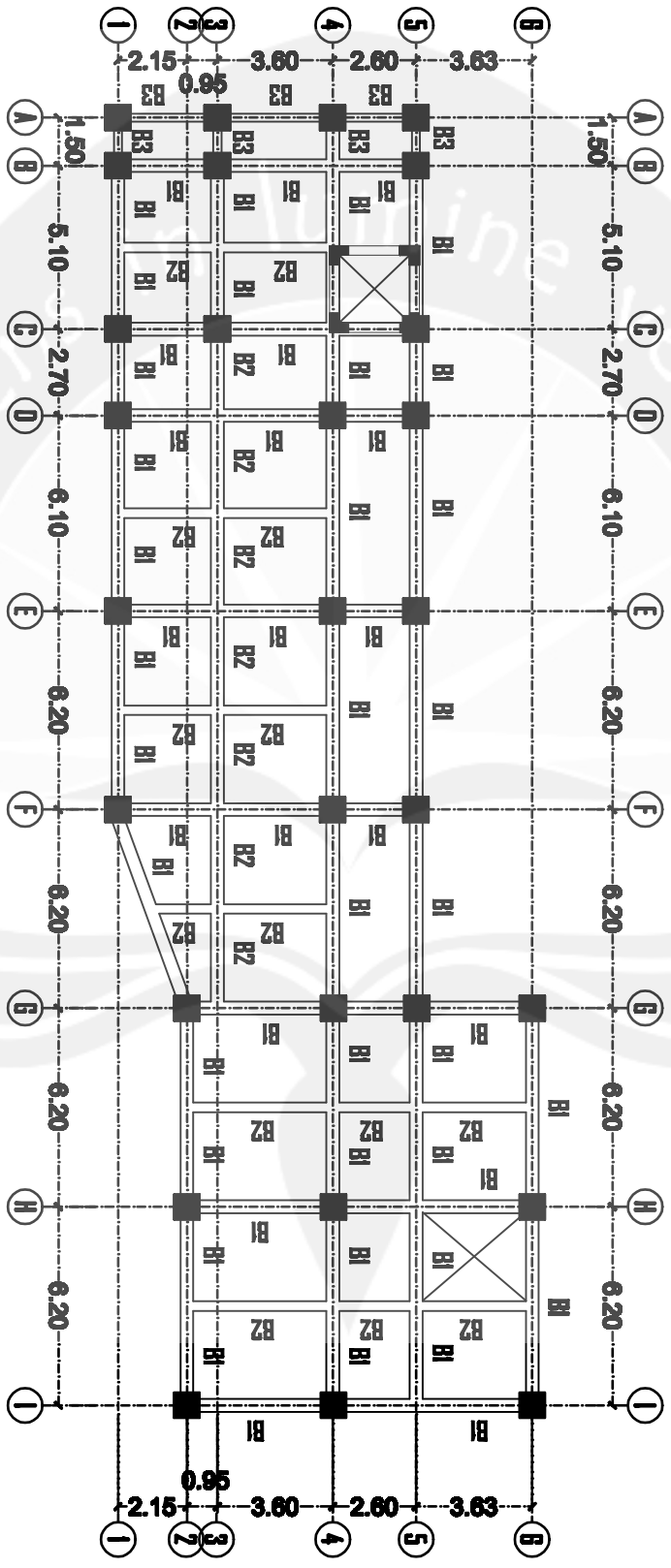
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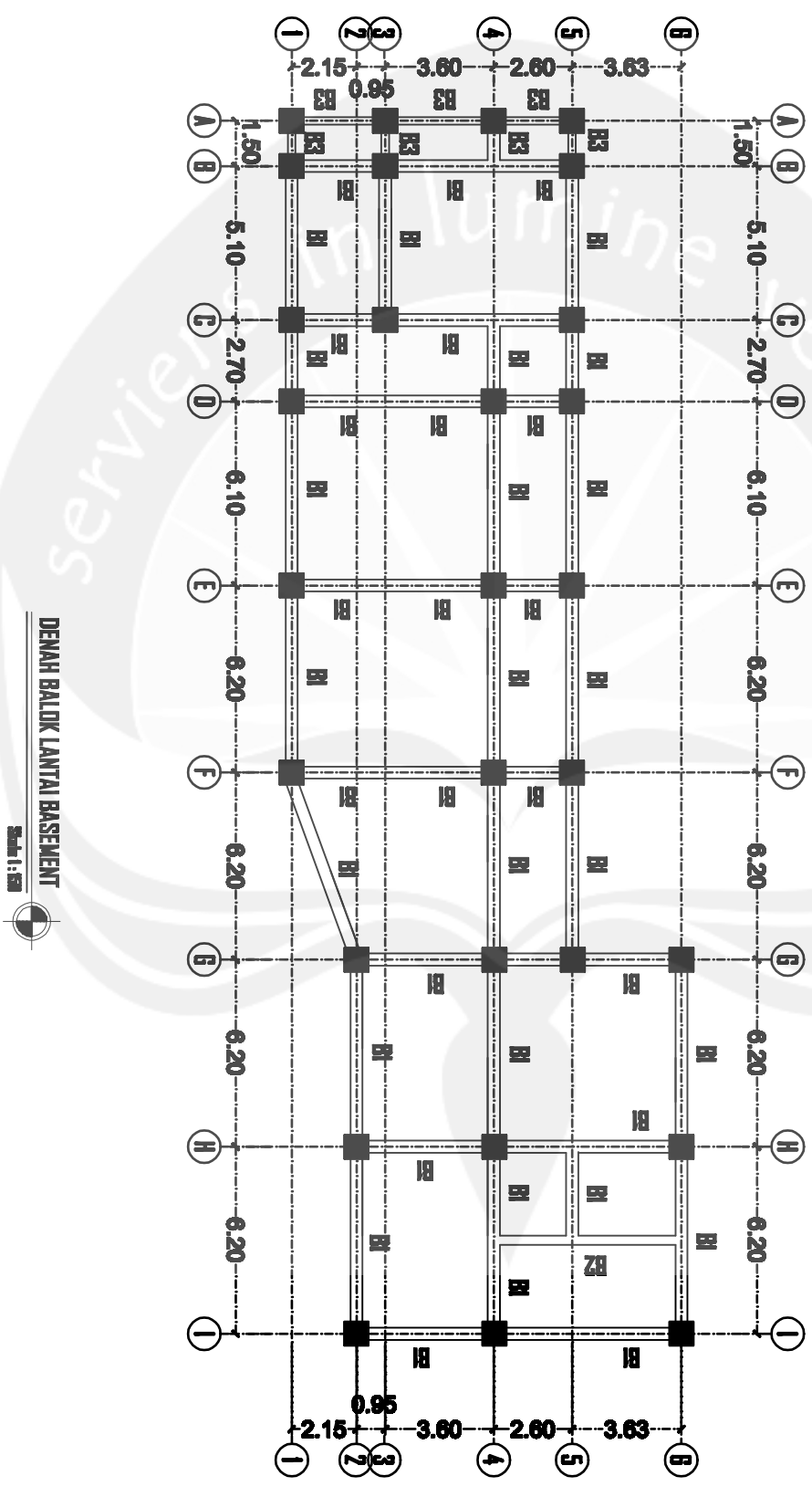




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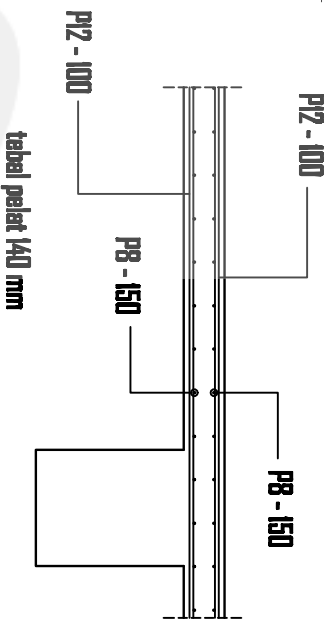
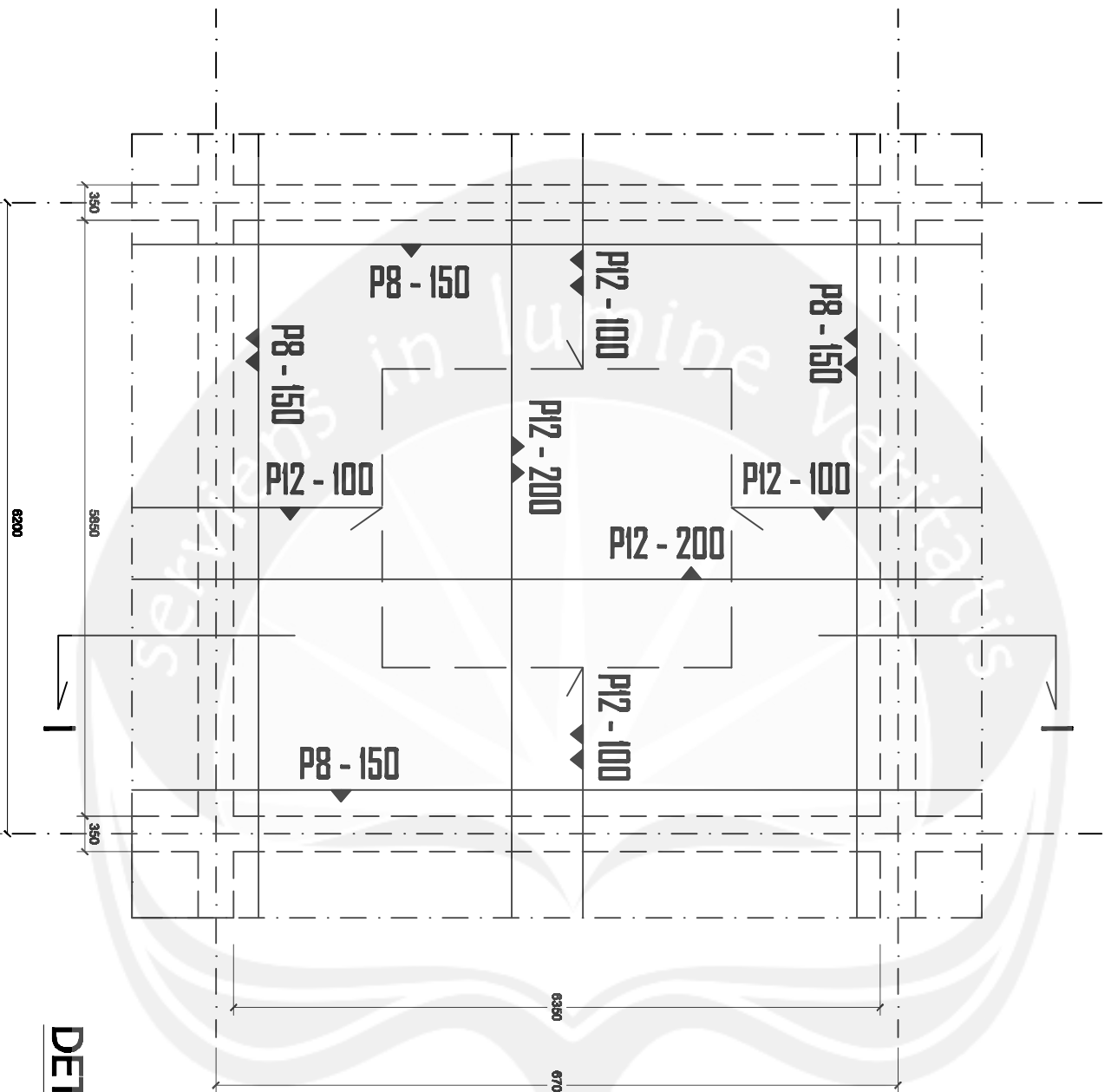


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 Skala 1:100



DENAH BALOK LANTAI BASEMENT

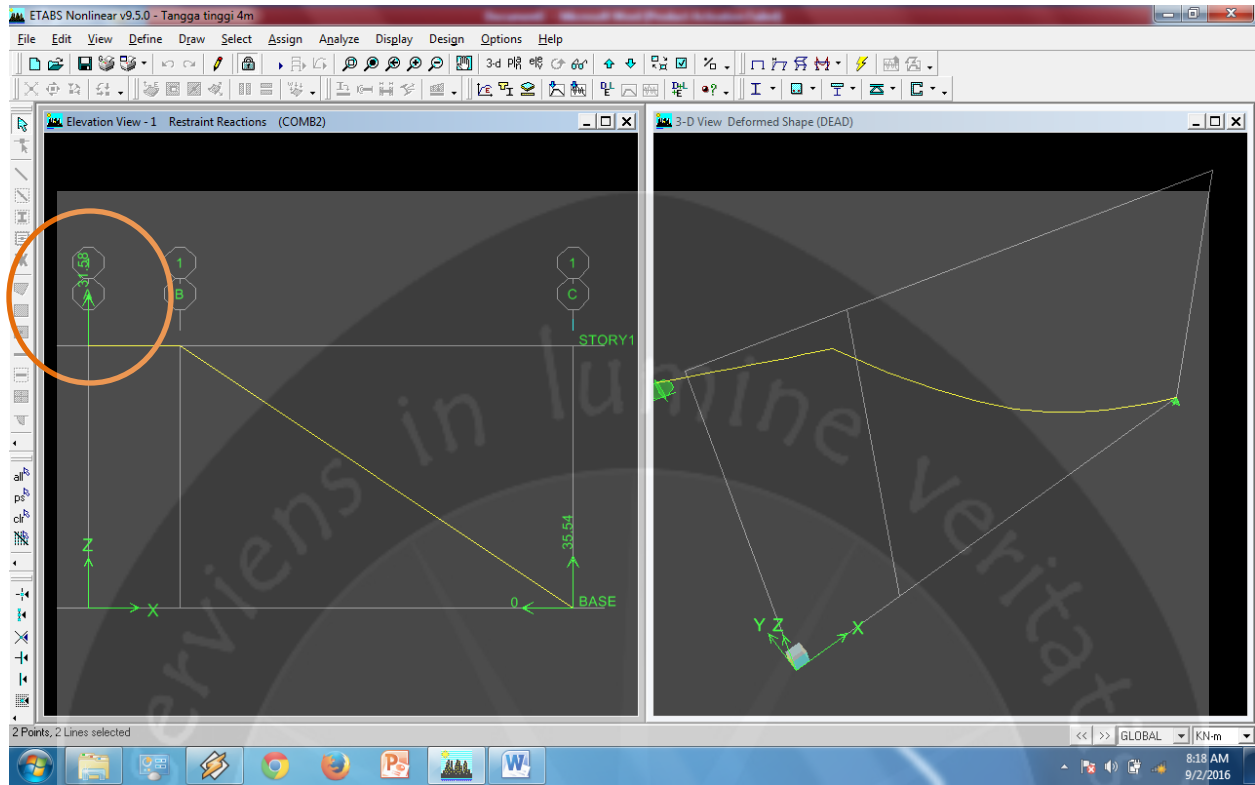
Skala 1:50



POT I-I

DETAIL PENULANGAN PELAT B

Skala 1 : 60



Lampiran 27. Reaksi Tumpuan Tangga

Story	Brace	Load	Loc	P	V2	V3	T	M2	M3
STORY1	D1	COMB2	0	-19.71	-29.57	0	0	0	0
STORY1	D1	COMB2	0.901	-11.62	-17.42	0	0	0	21.179
STORY1	D1	COMB2	1.803	-3.52	-5.28	0	0	0	31.413
STORY1	D1	COMB2	2.704	4.57	6.86	0	0	0	30.702
STORY1	D1	COMB2	3.606	12.67	19	0	0	0	19.045

Lampiran 26. Output ETABS Tangga Tinggi 4m



Story	Beam	Load	Loc	P	V2	V3	T	M2	M3
LT7	B1	ENVE MAX	0	0	12.61	0	0.387	0	14.363
LT7	B1	ENVE MAX	0.75	0	19.4	0	0.387	0	7.067
LT7	B1	ENVE MAX	1.5	0	27.81	0	0.387	0	14.761
LT7	B1	ENVE MIN	0	0	-45.09	0	-0.809	0	-34.042
LT7	B1	ENVE MIN	0.75	0	-32.08	0	-0.809	0	-9.385
LT7	B1	ENVE MIN	1.5	0	-20.68	0	-0.809	0	-15.427
LT6	B1	ENVE MAX	0	0	39.39	0	0.703	0	36.846
LT6	B1	ENVE MAX	0.75	0	46.17	0	0.703	0	5.005
LT6	B1	ENVE MAX	1.5	0	52.96	0	0.703	0	47.612
LT6	B1	ENVE MIN	0	0	-89.31	0	-1.44	0	-66.831
LT6	B1	ENVE MIN	0.75	0	-76.3	0	-1.44	0	-4.546
LT6	B1	ENVE MIN	1.5	0	-63.28	0	-1.44	0	-32.415
LT5	B1	ENVE MAX	0	0	74.05	0	0.987	0	63.101
LT5	B1	ENVE MAX	0.75	0	80.84	0	0.987	0	5.396
LT5	B1	ENVE MAX	1.5	0	87.63	0	0.987	0	72.838
LT5	B1	ENVE MIN	0	0	-122.75	0	-1.511	0	-91.767
LT5	B1	ENVE MIN	0.75	0	-109.74	0	-1.511	0	-4.535
LT5	B1	ENVE MIN	1.5	0	-96.72	0	-1.511	0	-58.16
LT4	B1	ENVE MAX	0	0	115.72	0	1.801	0	96.53
LT4	B1	ENVE MAX	0.75	0	122.51	0	1.801	0	7.503
LT4	B1	ENVE MAX	1.5	0	129.29	0	1.801	0	97.225
LT4	B1	ENVE MIN	0	0	-158.47	0	-2.181	0	-120.951
LT4	B1	ENVE MIN	0.75	0	-145.45	0	-2.181	0	-6.862
LT4	B1	ENVE MIN	1.5	0	-132.44	0	-2.181	0	-87.228
LT3	B1	ENVE MAX	0	0	140.78	0	1.046	0	112.527
LT3	B1	ENVE MAX	0.75	0	147.57	0	1.046	0	5.022
LT3	B1	ENVE MAX	1.5	0	154.36	0	1.046	0	118.916
LT3	B1	ENVE MIN	0	0	-182.37	0	-1.213	0	-135.118
LT3	B1	ENVE MIN	0.75	0	-169.36	0	-1.213	0	-3.422
LT3	B1	ENVE MIN	1.5	0	-156.34	0	-1.213	0	-108.83
LT2	B1	ENVE MAX	0	0	153.74	0	0.595	0	120.807
LT2	B1	ENVE MAX	0.75	0	160.53	0	0.595	0	3.734
LT2	B1	ENVE MAX	1.5	0	167.32	0	0.595	0	127.882
LT2	B1	ENVE MIN	0	0	-191.8	0	-0.704	0	-140.298
LT2	B1	ENVE MIN	0.75	0	-178.79	0	-0.704	0	-1.68
LT2	B1	ENVE MIN	1.5	0	-165.77	0	-0.704	0	-119.991
LT1	B1	ENVE MAX	0	0	164.83	0	0.913	0	130.048
LT1	B1	ENVE MAX	0.75	0	171.62	0	0.913	0	4.601
LT1	B1	ENVE MAX	1.5	0	180.83	0	0.913	0	129.523
LT1	B1	ENVE MIN	0	0	-195.48	0	-1.016	0	-144.17
LT1	B1	ENVE MIN	0.75	0	-182.46	0	-1.016	0	-2.734
LT1	B1	ENVE MIN	1.5	0	-171.87	0	-1.016	0	-127.375
BASEMENT	B1	ENVE MAX	0	0	82.8	0	0.245	0	66.199
BASEMENT	B1	ENVE MAX	0.75	0	89.51	0	0.245	0	2.327
BASEMENT	B1	ENVE MAX	1.5	0	101.6	0	0.245	0	65.202

BASEMENT	B1	ENVE MIN	0	0	-104.56	0	-0.246	0	-73.598
BASEMENT	B1	ENVE MIN	0.75	0	-91.69	0	-0.246	0	-0.349
BASEMENT	B1	ENVE MIN	1.5	0	-84.2	0	-0.246	0	-69.33
LT7	B7	ENVE MAX	0	0	-4.49	0	0.392	0	9.689
LT7	B7	ENVE MAX	1.55	0	10.62	0	0.392	0	9.604
LT7	B7	ENVE MAX	3.1	0	39.13	0	0.392	0	9.709
LT7	B7	ENVE MIN	0	0	-42.61	0	-0.281	0	-37.26
LT7	B7	ENVE MIN	1.55	0	-13.14	0	-0.281	0	3.07
LT7	B7	ENVE MIN	3.1	0	2.93	0	-0.281	0	-29.476
LT6	B7	ENVE MAX	0	0	4.64	0	0.087	0	23.048
LT6	B7	ENVE MAX	1.55	0	19.75	0	0.087	0	8.704
LT6	B7	ENVE MAX	3.1	0	46.65	0	0.087	0	29.164
LT6	B7	ENVE MIN	0	0	-56.41	0	-0.075	0	-58.221
LT6	B7	ENVE MIN	1.55	0	-26.95	0	-0.075	0	3.618
LT6	B7	ENVE MIN	3.1	0	-9.27	0	-0.075	0	-42.031
LT5	B7	ENVE MAX	0	0	13.22	0	0.084	0	36.356
LT5	B7	ENVE MAX	1.55	0	28.33	0	0.084	0	8.727
LT5	B7	ENVE MAX	3.1	0	55.34	0	0.084	0	42.137
LT5	B7	ENVE MIN	0	0	-64.67	0	-0.073	0	-71.002
LT5	B7	ENVE MIN	1.55	0	-35.2	0	-0.073	0	3.622
LT5	B7	ENVE MIN	3.1	0	-17.64	0	-0.073	0	-55.477
LT4	B7	ENVE MAX	0	0	23.61	0	0.093	0	52.754
LT4	B7	ENVE MAX	1.55	0	38.72	0	0.093	0	9.036
LT4	B7	ENVE MAX	3.1	0	66.5	0	0.093	0	55.691
LT4	B7	ENVE MIN	0	0	-72.81	0	-0.079	0	-83.866
LT4	B7	ENVE MIN	1.55	0	-43.34	0	-0.079	0	3.36
LT4	B7	ENVE MIN	3.1	0	-26.55	0	-0.079	0	-72.472
LT3	B7	ENVE MAX	0	0	25.42	0	0.129	0	55.11
LT3	B7	ENVE MAX	1.55	0	40.53	0	0.129	0	8.572
LT3	B7	ENVE MAX	3.1	0	68.85	0	0.129	0	57.333
LT3	B7	ENVE MIN	0	0	-73.05	0	-0.121	0	-83.829
LT3	B7	ENVE MIN	1.55	0	-43.59	0	-0.121	0	3.789
LT3	B7	ENVE MIN	3.1	0	-27.33	0	-0.121	0	-76.577
LT2	B7	ENVE MAX	0	0	24.85	0	0.15	0	54.049
LT2	B7	ENVE MAX	1.55	0	39.96	0	0.15	0	8.384
LT2	B7	ENVE MAX	3.1	0	68.36	0	0.15	0	56.483
LT2	B7	ENVE MIN	0	0	-72.32	0	-0.149	0	-82.548
LT2	B7	ENVE MIN	1.55	0	-42.86	0	-0.149	0	3.948
LT2	B7	ENVE MIN	3.1	0	-26.68	0	-0.149	0	-76.004
LT1	B7	ENVE MAX	0	0	24.62	0	0.169	0	53.777
LT1	B7	ENVE MAX	1.55	0	39.73	0	0.169	0	8.487
LT1	B7	ENVE MAX	3.1	0	68.44	0	0.169	0	55.238
LT1	B7	ENVE MIN	0	0	-71.26	0	-0.171	0	-80.983
LT1	B7	ENVE MIN	1.55	0	-41.8	0	-0.171	0	3.862
LT1	B7	ENVE MIN	3.1	0	-25.93	0	-0.171	0	-76.02
BASEMENT	B7	ENVE MAX	0	0	3.98	0	0.101	0	21.354
BASEMENT	B7	ENVE MAX	1.55	0	18.85	0	0.101	0	8.125

BASEMENT	B7	ENVE MAX	3.1	0	47.69	0	0.101	0	21.626
BASEMENT	B7	ENVE MIN	0	0	-48.3	0	-0.104	0	-45.596
BASEMENT	B7	ENVE MIN	1.55	0	-19.29	0	-0.104	0	3.994
BASEMENT	B7	ENVE MIN	3.1	0	-4.26	0	-0.104	0	-44.504
LT7	B13	ENVE MAX	0	0	2.39	0	0.728	0	8.17
LT7	B13	ENVE MAX	0.75	0	5.75	0	0.728	0	5.707
LT7	B13	ENVE MAX	1.5	0	9.11	0	0.728	0	7.913
LT7	B13	ENVE MIN	0	0	-30.48	0	-2.556	0	-32.001
LT7	B13	ENVE MIN	0.75	0	-23.22	0	-2.556	0	-11.599
LT7	B13	ENVE MIN	1.5	0	-15.95	0	-2.556	0	-5.544
LT6	B13	ENVE MAX	0	0	30.06	0	1.44	0	27.674
LT6	B13	ENVE MAX	0.75	0	33.43	0	1.44	0	4.202
LT6	B13	ENVE MAX	1.5	0	36.79	0	1.44	0	45.579
LT6	B13	ENVE MIN	0	0	-80.31	0	-2.631	0	-63.996
LT6	B13	ENVE MIN	0.75	0	-73.05	0	-2.631	0	-5.966
LT6	B13	ENVE MIN	1.5	0	-65.79	0	-2.631	0	-22.465
LT5	B13	ENVE MAX	0	0	64.17	0	1.747	0	53.656
LT5	B13	ENVE MAX	0.75	0	67.53	0	1.747	0	4.577
LT5	B13	ENVE MAX	1.5	0	70.89	0	1.747	0	69.761
LT5	B13	ENVE MIN	0	0	-112.2	0	-2.73	0	-87.641
LT5	B13	ENVE MIN	0.75	0	-104.93	0	-2.73	0	-5.669
LT5	B13	ENVE MIN	1.5	0	-97.67	0	-2.73	0	-47.639
LT4	B13	ENVE MAX	0	0	105.37	0	2.776	0	86.78
LT4	B13	ENVE MAX	0.75	0	108.73	0	2.776	0	6.843
LT4	B13	ENVE MAX	1.5	0	112.09	0	2.776	0	91.991
LT4	B13	ENVE MIN	0	0	-145.26	0	-3.672	0	-115.011
LT4	B13	ENVE MIN	0.75	0	-138	0	-3.672	0	-8.28
LT4	B13	ENVE MIN	1.5	0	-130.74	0	-3.672	0	-76.314
LT3	B13	ENVE MAX	0	0	131.75	0	1.733	0	103.934
LT3	B13	ENVE MAX	0.75	0	135.11	0	1.733	0	4.184
LT3	B13	ENVE MAX	1.5	0	138.48	0	1.733	0	114.973
LT3	B13	ENVE MIN	0	0	-170.36	0	-2.148	0	-129.68
LT3	B13	ENVE MIN	0.75	0	-163.1	0	-2.148	0	-4.098
LT3	B13	ENVE MIN	1.5	0	-155.84	0	-2.148	0	-98.734
LT2	B13	ENVE MAX	0	0	146.3	0	1.01	0	113.431
LT2	B13	ENVE MAX	0.75	0	149.66	0	1.01	0	3
LT2	B13	ENVE MAX	1.5	0	153.03	0	1.01	0	124.885
LT2	B13	ENVE MIN	0	0	-180.79	0	-1.293	0	-135.402
LT2	B13	ENVE MIN	0.75	0	-173.52	0	-1.293	0	-2.234
LT2	B13	ENVE MIN	1.5	0	-166.26	0	-1.293	0	-111.063
LT1	B13	ENVE MAX	0	0	159	0	1.427	0	123.876
LT1	B13	ENVE MAX	0.75	0	162.36	0	1.427	0	3.805
LT1	B13	ENVE MAX	1.5	0	165.73	0	1.427	0	125.797
LT1	B13	ENVE MIN	0	0	-183.7	0	-1.754	0	-138.856
LT1	B13	ENVE MIN	0.75	0	-176.44	0	-1.754	0	-3.392
LT1	B13	ENVE MIN	1.5	0	-169.17	0	-1.754	0	-119.669
BASEMENT	B13	ENVE MAX	0	0	82.19	0	0.368	0	64.002

BASEMENT	B13	ENVE MAX	0.75	0	85.39	0	0.368	0	1.764
BASEMENT	B13	ENVE MAX	1.5	0	91.01	0	0.368	0	63.417
BASEMENT	B13	ENVE MIN	0	0	-95.89	0	-0.584	0	-70.354
BASEMENT	B13	ENVE MIN	0.75	0	-88.92	0	-0.584	0	-0.85
BASEMENT	B13	ENVE MIN	1.5	0	-84.37	0	-0.584	0	-64.468
LT7	B32	ENVE MAX	0	0	-7.4	0	1.667	0	8.901
LT7	B32	ENVE MAX	1.8	0	10.32	0	1.667	0	13.064
LT7	B32	ENVE MAX	3.6	0	43.07	0	1.667	0	13.707
LT7	B32	ENVE MIN	0	0	-50.24	0	-0.082	0	-49.216
LT7	B32	ENVE MIN	1.8	0	-15.63	0	-0.082	0	5.501
LT7	B32	ENVE MIN	3.6	0	3.93	0	-0.082	0	-34.88
LT6	B32	ENVE MAX	0	0	1.41	0	0.606	0	24.125
LT6	B32	ENVE MAX	1.8	0	19.12	0	0.606	0	11.945
LT6	B32	ENVE MAX	3.6	0	51.61	0	0.606	0	30.198
LT6	B32	ENVE MIN	0	0	-59.82	0	-0.141	0	-67.253
LT6	B32	ENVE MIN	1.8	0	-25.22	0	-0.141	0	5.216
LT6	B32	ENVE MIN	3.6	0	-5.39	0	-0.141	0	-51.367
LT5	B32	ENVE MAX	0	0	7.53	0	0.606	0	35.126
LT5	B32	ENVE MAX	1.8	0	25.24	0	0.606	0	11.902
LT5	B32	ENVE MAX	3.6	0	57.82	0	0.606	0	40.839
LT5	B32	ENVE MIN	0	0	-65.66	0	-0.19	0	-77.815
LT5	B32	ENVE MIN	1.8	0	-31.05	0	-0.19	0	5.183
LT5	B32	ENVE MIN	3.6	0	-11.32	0	-0.19	0	-62.6
LT4	B32	ENVE MAX	0	0	13.86	0	0.885	0	46.791
LT4	B32	ENVE MAX	1.8	0	31.57	0	0.885	0	12.18
LT4	B32	ENVE MAX	3.6	0	64.67	0	0.885	0	50.194
LT4	B32	ENVE MIN	0	0	-70.48	0	-0.366	0	-86.722
LT4	B32	ENVE MIN	1.8	0	-35.87	0	-0.366	0	4.94
LT4	B32	ENVE MIN	3.6	0	-16.65	0	-0.366	0	-74.644
LT3	B32	ENVE MAX	0	0	15.51	0	0.443	0	49.332
LT3	B32	ENVE MAX	1.8	0	33.22	0	0.443	0	11.677
LT3	B32	ENVE MAX	3.6	0	66.83	0	0.443	0	51.61
LT3	B32	ENVE MIN	0	0	-70.59	0	-0.219	0	-86.724
LT3	B32	ENVE MIN	1.8	0	-35.99	0	-0.219	0	5.221
LT3	B32	ENVE MIN	3.6	0	-17.28	0	-0.219	0	-79.04
LT2	B32	ENVE MAX	0	0	14.88	0	0.319	0	47.963
LT2	B32	ENVE MAX	1.8	0	32.59	0	0.319	0	11.388
LT2	B32	ENVE MAX	3.6	0	66.33	0	0.319	0	50.247
LT2	B32	ENVE MIN	0	0	-69.63	0	-0.166	0	-84.881
LT2	B32	ENVE MIN	1.8	0	-35.02	0	-0.166	0	5.372
LT2	B32	ENVE MIN	3.6	0	-16.44	0	-0.166	0	-78.427
LT1	B32	ENVE MAX	0	0	13.31	0	0.422	0	45.239
LT1	B32	ENVE MAX	1.8	0	31.02	0	0.422	0	11.509
LT1	B32	ENVE MAX	3.6	0	64.95	0	0.422	0	46.749
LT1	B32	ENVE MIN	0	0	-67.54	0	-0.229	0	-81.204
LT1	B32	ENVE MIN	1.8	0	-32.93	0	-0.229	0	5.283
LT1	B32	ENVE MIN	3.6	0	-14.55	0	-0.229	0	-75.818

BASEMENT	B32	ENVE MAX	0	0	-3.01	0	0.3	0	15.29
BASEMENT	B32	ENVE MAX	1.8	0	14.4	0	0.3	0	11.039
BASEMENT	B32	ENVE MAX	3.6	0	48.23	0	0.3	0	15.764
BASEMENT	B32	ENVE MIN	0	0	-49.08	0	-0.071	0	-48.383
BASEMENT	B32	ENVE MIN	1.8	0	-15.03	0	-0.071	0	5.39
BASEMENT	B32	ENVE MIN	3.6	0	2.6	0	-0.071	0	-46.604
LT7	B44	ENVE MAX	0	0	2.3	0	0.379	0	11.552
LT7	B44	ENVE MAX	1.3	0	16.51	0	0.379	0	8.558
LT7	B44	ENVE MAX	2.6	0	40.84	0	0.379	0	12.366
LT7	B44	ENVE MIN	0	0	-34.47	0	-2.551	0	-21.404
LT7	B44	ENVE MIN	1.3	0	-11.85	0	-2.551	0	0.841
LT7	B44	ENVE MIN	2.6	0	0.66	0	-2.551	0	-34.337
LT6	B44	ENVE MAX	0	0	18.28	0	0.332	0	33.11
LT6	B44	ENVE MAX	1.3	0	33.46	0	0.332	0	7.079
LT6	B44	ENVE MAX	2.6	0	57.78	0	0.332	0	29.506
LT6	B44	ENVE MIN	0	0	-47.66	0	-1.015	0	-40.028
LT6	B44	ENVE MIN	1.3	0	-26	0	-1.015	0	1.619
LT6	B44	ENVE MIN	2.6	0	-13.49	0	-1.015	0	-55.814
LT5	B44	ENVE MAX	0	0	29.4	0	0.365	0	47.482
LT5	B44	ENVE MAX	1.3	0	44.18	0	0.365	0	7.157
LT5	B44	ENVE MAX	2.6	0	68.5	0	0.365	0	44.967
LT5	B44	ENVE MIN	0	0	-59.89	0	-0.957	0	-55.854
LT5	B44	ENVE MIN	1.3	0	-37.84	0	-0.957	0	1.539
LT5	B44	ENVE MIN	2.6	0	-25.33	0	-0.957	0	-69.823
LT4	B44	ENVE MAX	0	0	40.72	0	0.633	0	61.88
LT4	B44	ENVE MAX	1.3	0	55.31	0	0.633	0	7.663
LT4	B44	ENVE MAX	2.6	0	79.64	0	0.633	0	60.537
LT4	B44	ENVE MIN	0	0	-71.71	0	-1.388	0	-70.708
LT4	B44	ENVE MIN	1.3	0	-49.47	0	-1.388	0	1.222
LT4	B44	ENVE MIN	2.6	0	-36.96	0	-1.388	0	-84.561
LT3	B44	ENVE MAX	0	0	49.87	0	0.492	0	71.858
LT3	B44	ENVE MAX	1.3	0	65.95	0	0.492	0	7.925
LT3	B44	ENVE MAX	2.52	0	89.11	0	0.492	0	65.563
LT3	B44	ENVE MAX	2.52	0	193.56	0	19.191	0	42.999
LT3	B44	ENVE MAX	2.6	0	194.19	0	19.191	0	46.546
LT3	B44	ENVE MIN	0	0	-76.16	0	-0.876	0	-76.277
LT3	B44	ENVE MIN	1.3	0	-55.4	0	-0.876	0	-0.744
LT3	B44	ENVE MIN	2.52	0	-43.52	0	-0.876	0	-93.685
LT3	B44	ENVE MIN	2.52	0	-836.39	0	-11.612	0	-82.992
LT3	B44	ENVE MIN	2.6	0	-835.23	0	-11.612	0	-35.184
LT2	B44	ENVE MAX	0	0	49.12	0	0.341	0	71.247
LT2	B44	ENVE MAX	1.3	0	64.16	0	0.341	0	8.225
LT2	B44	ENVE MAX	2.52	0	87.33	0	0.341	0	67.279
LT2	B44	ENVE MAX	2.52	0	95.98	0	90.02	0	7.928
LT2	B44	ENVE MAX	2.6	0	96.61	0	90.02	0	0.701
LT2	B44	ENVE MIN	0	0	-78.5	0	-0.569	0	-78.975
LT2	B44	ENVE MIN	1.3	0	-56.71	0	-0.569	0	-0.328

LT2	B44	ENVE MIN	2.52	0	-44.83	0	-0.569	0	-90.906
LT2	B44	ENVE MIN	2.52	0	-131.33	0	-74.205	0	-10.381
LT2	B44	ENVE MIN	2.6	0	-130.17	0	-74.205	0	-0.398
LT1	B44	ENVE MAX	0	0	47.04	0	0.464	0	68.431
LT1	B44	ENVE MAX	1.3	0	61.28	0	0.464	0	8.31
LT1	B44	ENVE MAX	2.52	0	84.44	0	0.464	0	66.775
LT1	B44	ENVE MAX	2.52	0	107.16	0	93.571	0	8.864
LT1	B44	ENVE MAX	2.6	0	107.78	0	93.571	0	0.897
LT1	B44	ENVE MIN	0	0	-78.82	0	-0.76	0	-79.311
LT1	B44	ENVE MIN	1.3	0	-56.22	0	-0.76	0	-0.451
LT1	B44	ENVE MIN	2.52	0	-44.34	0	-0.76	0	-87.518
LT1	B44	ENVE MIN	2.52	0	-135.55	0	-82.267	0	-10.723
LT1	B44	ENVE MIN	2.6	0	-134.39	0	-82.267	0	-0.557
BASEMENT	B44	ENVE MAX	0	0	15.85	0	0.12	0	29.51
BASEMENT	B44	ENVE MAX	1.3	0	28.9	0	0.12	0	6.553
BASEMENT	B44	ENVE MAX	2.52	0	51.71	0	0.12	0	29.153
BASEMENT	B44	ENVE MAX	2.52	0	53.91	0	46.893	0	4.492
BASEMENT	B44	ENVE MAX	2.6	0	54.54	0	46.893	0	0.302
BASEMENT	B44	ENVE MIN	0	0	-49.93	0	-0.45	0	-43.686
BASEMENT	B44	ENVE MIN	1.3	0	-26.71	0	-0.45	0	1.281
BASEMENT	B44	ENVE MIN	2.52	0	-15.02	0	-0.45	0	-46.024
BASEMENT	B44	ENVE MIN	2.52	0	-72.7	0	-42.171	0	-5.678
BASEMENT	B44	ENVE MIN	2.6	0	-71.54	0	-42.171	0	-0.057
LT7	B52	ENVE MAX	0	0	-4.4	0	2.9	0	7.296
LT7	B52	ENVE MAX	0.75	0	2.39	0	2.9	0	8.176
LT7	B52	ENVE MAX	1.5	0	9.18	0	2.9	0	7.376
LT7	B52	ENVE MIN	0	0	-35.68	0	-0.533	0	-33.091
LT7	B52	ENVE MIN	0.75	0	-22.66	0	-0.533	0	-10.911
LT7	B52	ENVE MIN	1.5	0	-9.65	0	-0.533	0	-2.76
LT6	B52	ENVE MAX	0	0	25.68	0	1.402	0	27.194
LT6	B52	ENVE MAX	0.75	0	32.47	0	1.402	0	5.561
LT6	B52	ENVE MAX	1.5	0	39.26	0	1.402	0	44.859
LT6	B52	ENVE MIN	0	0	-86.86	0	-0.681	0	-65.902
LT6	B52	ENVE MIN	0.75	0	-73.84	0	-0.681	0	-5.387
LT6	B52	ENVE MIN	1.5	0	-60.83	0	-0.681	0	-21.511
LT5	B52	ENVE MAX	0	0	59.38	0	1.449	0	52.699
LT5	B52	ENVE MAX	0.75	0	66.17	0	1.449	0	5.959
LT5	B52	ENVE MAX	1.5	0	72.95	0	1.449	0	68.392
LT5	B52	ENVE MIN	0	0	-117.87	0	-0.831	0	-88.884
LT5	B52	ENVE MIN	0.75	0	-104.85	0	-0.831	0	-5.278
LT5	B52	ENVE MIN	1.5	0	-91.84	0	-0.831	0	-46.551
LT4	B52	ENVE MAX	0	0	103.06	0	2.034	0	87.637
LT4	B52	ENVE MAX	0.75	0	109.85	0	2.034	0	8.03
LT4	B52	ENVE MAX	1.5	0	116.64	0	2.034	0	93.422
LT4	B52	ENVE MIN	0	0	-154.56	0	-1.264	0	-118.898
LT4	B52	ENVE MIN	0.75	0	-141.55	0	-1.264	0	-7.663
LT4	B52	ENVE MIN	1.5	0	-128.53	0	-1.264	0	-77.135

LT3	B52	ENVE MAX	0	0	118.51	0	1.471	0	97.171
LT3	B52	ENVE MAX	0.75	0	125.3	0	1.471	0	6.365
LT3	B52	ENVE MAX	1.5	0	132.09	0	1.471	0	102.365
LT3	B52	ENVE MIN	0	0	-162.2	0	-1.071	0	-121.412
LT3	B52	ENVE MIN	0.75	0	-149.18	0	-1.071	0	-4.84
LT3	B52	ENVE MIN	1.5	0	-136.17	0	-1.071	0	-90.782
LT2	B52	ENVE MAX	0	0	96.61	0	0.701	0	74.205
LT2	B52	ENVE MAX	0.75	0	103.4	0	0.701	0	3.03
LT2	B52	ENVE MAX	1.5	0	111.69	0	0.701	0	85.717
LT2	B52	ENVE MIN	0	0	-130.17	0	-0.398	0	-90.02
LT2	B52	ENVE MIN	0.75	0	-117.16	0	-0.398	0	-0.671
LT2	B52	ENVE MIN	1.5	0	-105.65	0	-0.398	0	-80.892
LT1	B52	ENVE MAX	0	0	107.79	0	0.897	0	82.267
LT1	B52	ENVE MAX	0.75	0	114.57	0	0.897	0	2.642
LT1	B52	ENVE MAX	1.5	0	125.2	0	0.897	0	88.668
LT1	B52	ENVE MIN	0	0	-134.39	0	-0.557	0	-93.572
LT1	B52	ENVE MIN	0.75	0	-121.38	0	-0.557	0	-0.991
LT1	B52	ENVE MIN	1.5	0	-112.2	0	-0.557	0	-89.768
BASEMENT	B52	ENVE MAX	0	0	54.54	0	0.302	0	42.171
BASEMENT	B52	ENVE MAX	0.75	0	62.08	0	0.302	0	2.222
BASEMENT	B52	ENVE MAX	1.5	0	74.95	0	0.302	0	43.895
BASEMENT	B52	ENVE MIN	0	0	-71.54	0	-0.057	0	-46.893
BASEMENT	B52	ENVE MIN	0.75	0	-59.51	0	-0.057	0	-1.131
BASEMENT	B52	ENVE MIN	1.5	0	-52.8	0	-0.057	0	-52.473

Lampiran 25. Output ETABS Balok 25 x 40

Story	Beam	Load	Loc	P	V2	V3	T	M2	M3
LT7	B9	ENVE MAX	0	0	-7.54	0	0.973	0	-0.394
LT7	B9	ENVE MAX	1.55	0	7.71	0	0.973	0	14.201
LT7	B9	ENVE MAX	3.1	0	35.21	0	0.973	0	-3.464
LT7	B9	ENVE MIN	0	0	-24	0	-0.558	0	-13.025
LT7	B9	ENVE MIN	1.55	0	0.78	0	-0.558	0	-2.832
LT7	B9	ENVE MIN	3.1	0	13.31	0	-0.558	0	-36.274
LT6	B9	ENVE MAX	0	0	-7.31	0	0.993	0	6.291
LT6	B9	ENVE MAX	1.55	0	6.55	0	0.993	0	15.259
LT6	B9	ENVE MAX	3.1	0	34.05	0	0.993	0	-8.562
LT6	B9	ENVE MIN	0	0	-28.18	0	-0.436	0	-24.93
LT6	B9	ENVE MIN	1.55	0	-2.01	0	-0.436	0	-2.986
LT6	B9	ENVE MIN	3.1	0	10.52	0	-0.436	0	-24.148
LT5	B9	ENVE MAX	0	0	-3.11	0	0.927	0	13.826
LT5	B9	ENVE MAX	1.55	0	10.8	0	0.927	0	15.999
LT5	B9	ENVE MAX	3.1	0	38.3	0	0.927	0	-5.972
LT5	B9	ENVE MIN	0	0	-32.28	0	-0.439	0	-32.462
LT5	B9	ENVE MIN	1.55	0	-6.16	0	-0.439	0	-3.883
LT5	B9	ENVE MIN	3.1	0	6.37	0	-0.439	0	-27.056
LT4	B9	ENVE MAX	0	0	0.99	0	0.773	0	21.478
LT4	B9	ENVE MAX	1.55	0	15.54	0	0.773	0	17.224
LT4	B9	ENVE MAX	3.1	0	43.04	0	0.773	0	-2.737
LT4	B9	ENVE MIN	0	0	-34.67	0	-0.404	0	-37.725
LT4	B9	ENVE MIN	1.55	0	-9.18	0	-0.404	0	-5.379
LT4	B9	ENVE MIN	3.1	0	3.35	0	-0.404	0	-33.221
LT3	B9	ENVE MAX	0	0	5.09	0	0.703	0	27.287
LT3	B9	ENVE MAX	1.55	0	19.72	0	0.703	0	16.997
LT3	B9	ENVE MAX	3.1	0	47.22	0	0.703	0	4.546
LT3	B9	ENVE MIN	0	0	-38.61	0	-0.411	0	-42.611
LT3	B9	ENVE MIN	1.55	0	-13.22	0	-0.411	0	-4.453
LT3	B9	ENVE MIN	3.1	0	-0.69	0	-0.411	0	-40.031
LT2	B9	ENVE MAX	0	0	7.51	0	0.627	0	30.008
LT2	B9	ENVE MAX	1.55	0	22.38	0	0.627	0	15.858
LT2	B9	ENVE MAX	3.1	0	49.88	0	0.627	0	8.594
LT2	B9	ENVE MIN	0	0	-40.48	0	-0.393	0	-44.865
LT2	B9	ENVE MIN	1.55	0	-15.32	0	-0.393	0	-3.717
LT2	B9	ENVE MIN	3.1	0	-2.78	0	-0.393	0	-45.348
LT1	B9	ENVE MAX	0	0	8.2	0	0.418	0	30.568
LT1	B9	ENVE MAX	1.55	0	23.53	0	0.418	0	15.446
LT1	B9	ENVE MAX	3.1	0	51.03	0	0.418	0	8.932
LT1	B9	ENVE MIN	0	0	-40.03	0	-0.275	0	-43.964
LT1	B9	ENVE MIN	1.55	0	-15.33	0	-0.275	0	-3.609
LT1	B9	ENVE MIN	3.1	0	-2.8	0	-0.275	0	-47.758
LT7	B15	ENVE MAX	0	0	-15.08	0	5.056	0	-21.859
LT7	B15	ENVE MAX	1.35	0	-4.91	0	5.056	0	-5.317
LT7	B15	ENVE MAX	2.7	0	5.27	0	5.056	0	19.787
LT7	B15	ENVE MIN	0	0	-73.41	0	-4.674	0	-118.469

LT7	B15	ENVE MIN	1.35	0	-51.21	0	-4.674	0	-32.411
LT7	B15	ENVE MIN	2.7	0	-29	0	-4.674	0	-8.61
LT6	B15	ENVE MAX	0	0	0.34	0	8.043	0	12.908
LT6	B15	ENVE MAX	1.35	0	10.52	0	8.043	0	7.055
LT6	B15	ENVE MAX	2.7	0	20.7	0	8.043	0	15.835
LT6	B15	ENVE MIN	0	0	-71.56	0	-10.051	0	-120.101
LT6	B15	ENVE MIN	1.35	0	-49.35	0	-10.051	0	-34.978
LT6	B15	ENVE MIN	2.7	0	-27.15	0	-10.051	0	-18.182
LT5	B15	ENVE MAX	0	0	10.99	0	10.829	0	33.927
LT5	B15	ENVE MAX	1.35	0	21.17	0	10.829	0	13.704
LT5	B15	ENVE MAX	2.7	0	31.34	0	10.829	0	22.831
LT5	B15	ENVE MIN	0	0	-80.32	0	-13.086	0	-137.125
LT5	B15	ENVE MIN	1.35	0	-58.12	0	-13.086	0	-40.171
LT5	B15	ENVE MIN	2.7	0	-35.91	0	-13.086	0	-26.261
LT4	B15	ENVE MAX	0	0	18.72	0	12.925	0	49.481
LT4	B15	ENVE MAX	1.35	0	28.89	0	12.925	0	18.824
LT4	B15	ENVE MAX	2.7	0	39.07	0	12.925	0	28.693
LT4	B15	ENVE MIN	0	0	-89.02	0	-14.532	0	-154.32
LT4	B15	ENVE MIN	1.35	0	-66.81	0	-14.532	0	-45.624
LT4	B15	ENVE MIN	2.7	0	-44.61	0	-14.532	0	-31.149
LT3	B15	ENVE MAX	0	0	30.76	0	15.117	0	72.312
LT3	B15	ENVE MAX	1.35	0	40.94	0	15.117	0	25.391
LT3	B15	ENVE MAX	2.7	0	52.26	0	15.117	0	36.268
LT3	B15	ENVE MIN	0	0	-96.14	0	-16.987	0	-167.072
LT3	B15	ENVE MIN	1.35	0	-73.94	0	-16.987	0	-48.76
LT3	B15	ENVE MIN	2.7	0	-52.87	0	-16.987	0	-41.94
LT2	B15	ENVE MAX	0	0	36.47	0	15.843	0	82.732
LT2	B15	ENVE MAX	1.35	0	46.64	0	15.843	0	28.114
LT2	B15	ENVE MAX	2.7	0	58.83	0	15.843	0	40.114
LT2	B15	ENVE MIN	0	0	-99.24	0	-17.835	0	-172.114
LT2	B15	ENVE MIN	1.35	0	-77.03	0	-17.835	0	-49.624
LT2	B15	ENVE MIN	2.7	0	-56.84	0	-17.835	0	-47.447
LT1	B15	ENVE MAX	0	0	38.12	0	14.676	0	84.671
LT1	B15	ENVE MAX	1.35	0	48.3	0	14.676	0	27.82
LT1	B15	ENVE MAX	2.7	0	63.27	0	14.676	0	34.678
LT1	B15	ENVE MIN	0	0	-91.06	0	-16.066	0	-158.653
LT1	B15	ENVE MIN	1.35	0	-68.86	0	-16.066	0	-47.195
LT1	B15	ENVE MIN	2.7	0	-51.45	0	-16.066	0	-53.141
LT7	B16	ENVE MAX	0	1.59	-21.67	0.02	0.107	0.023	-4.535
LT7	B16	ENVE MAX	3.05	1.59	3.52	0.02	0.107	0.023	48.998
LT7	B16	ENVE MAX	3.05	1.59	12.38	0.02	1.777	0.023	46.43
LT7	B16	ENVE MAX	6.1	1.59	67.11	0.02	1.777	0.023	-23.95
LT7	B16	ENVE MIN	0	-1.59	-56.27	-0.02	-1.167	-0.023	-43.506
LT7	B16	ENVE MIN	3.05	-1.59	-1.8	-0.02	-1.167	-0.023	19.204
LT7	B16	ENVE MIN	3.05	-1.59	1.87	-0.02	-0.693	-0.023	19.04
LT7	B16	ENVE MIN	6.1	-1.59	26.8	-0.02	-0.693	-0.023	-75.536
LT6	B16	ENVE MAX	0	1.33	-20.81	0.01	0.803	0.019	-3.274

LT6	B16	ENVE MAX	3.05	1.33	4.11	0.01	0.803	0.019	48.317
LT6	B16	ENVE MAX	3.05	1.33	15.29	0.01	2.29	0.019	48.463
LT6	B16	ENVE MAX	6.1	1.33	70.02	0.01	2.29	0.019	-19.174
LT6	B16	ENVE MIN	0	-1.33	-59.88	-0.01	-1.645	-0.019	-54.14
LT6	B16	ENVE MIN	3.05	-1.33	-5.15	-0.01	-1.645	-0.019	18.898
LT6	B16	ENVE MIN	3.05	-1.33	1.16	-0.01	-1.524	-0.019	18.139
LT6	B16	ENVE MIN	6.1	-1.33	26.08	-0.01	-1.524	-0.019	-85.857
LT5	B16	ENVE MAX	0	1.07	-19.93	0.01	1.188	0.016	-1.021
LT5	B16	ENVE MAX	3.05	1.07	4.99	0.01	1.188	0.016	48.122
LT5	B16	ENVE MAX	3.05	1.07	16.4	0.01	2.758	0.016	49.692
LT5	B16	ENVE MAX	6.1	1.07	71.13	0.01	2.758	0.016	-15.182
LT5	B16	ENVE MIN	0	-1.07	-60.98	-0.01	-2.092	-0.016	-57.484
LT5	B16	ENVE MIN	3.05	-1.07	-6.25	-0.01	-2.092	-0.016	18.684
LT5	B16	ENVE MIN	3.05	-1.07	0.24	-0.01	-1.924	-0.016	16.678
LT5	B16	ENVE MIN	6.1	-1.07	25.16	-0.01	-1.924	-0.016	-90.661
LT4	B16	ENVE MAX	0	0.83	-19.01	0.01	1.493	0.012	0.842
LT4	B16	ENVE MAX	3.05	0.83	5.91	0.01	1.493	0.012	48.25
LT4	B16	ENVE MAX	3.05	0.83	17.24	0.01	3.152	0.012	50.701
LT4	B16	ENVE MAX	6.1	0.83	71.97	0.01	3.152	0.012	-12.235
LT4	B16	ENVE MIN	0	-0.83	-61.52	-0.01	-2.531	-0.012	-58.257
LT4	B16	ENVE MIN	3.05	-0.83	-6.79	-0.01	-2.531	-0.012	18.483
LT4	B16	ENVE MIN	3.05	-0.83	-0.42	-0.01	-2.249	-0.012	15.477
LT4	B16	ENVE MIN	6.1	-0.83	24.5	-0.01	-2.249	-0.012	-94.342
LT3	B16	ENVE MAX	0	0.61	-18.41	0.01	1.673	0.009	2.251
LT3	B16	ENVE MAX	3.05	0.61	6.51	0.01	1.673	0.009	47.651
LT3	B16	ENVE MAX	3.05	0.61	18.54	0.01	3.387	0.009	51.819
LT3	B16	ENVE MAX	6.1	0.61	73.27	0.01	3.387	0.009	-8.925
LT3	B16	ENVE MIN	0	-0.61	-62.69	-0.01	-2.837	-0.009	-62.105
LT3	B16	ENVE MIN	3.05	-0.61	-7.96	-0.01	-2.837	-0.009	18.382
LT3	B16	ENVE MIN	3.05	-0.61	-1.09	-0.01	-2.431	-0.009	14.192
LT3	B16	ENVE MIN	6.1	-0.61	23.83	-0.01	-2.431	-0.009	-99.75
LT2	B16	ENVE MAX	0	0.4	-18.35	0	1.695	0.006	2.228
LT2	B16	ENVE MAX	3.05	0.4	6.58	0	1.695	0.006	47.189
LT2	B16	ENVE MAX	3.05	0.4	19.06	0	3.441	0.006	52.143
LT2	B16	ENVE MAX	6.1	0.4	73.79	0	3.441	0.006	-7.927
LT2	B16	ENVE MIN	0	-0.4	-62.98	0	-2.924	-0.006	-63.153
LT2	B16	ENVE MIN	3.05	-0.4	-8.25	0	-2.924	-0.006	18.461
LT2	B16	ENVE MIN	3.05	-0.4	-1.26	0	-2.455	-0.006	13.704
LT2	B16	ENVE MIN	6.1	-0.4	23.66	0	-2.455	-0.006	-102
LT1	B16	ENVE MAX	0	0.22	-19.73	0	1.682	0.003	-1.872
LT1	B16	ENVE MAX	3.05	0.22	5.19	0	1.682	0.003	48.854
LT1	B16	ENVE MAX	3.05	0.22	19.92	0	3.094	0.003	53.753
LT1	B16	ENVE MAX	6.1	0.22	74.65	0	3.094	0.003	-10.755
LT1	B16	ENVE MIN	0	-0.22	-64.6	0	-2.67	-0.003	-65.416
LT1	B16	ENVE MIN	3.05	-0.22	-9.87	0	-2.67	-0.003	19.601
LT1	B16	ENVE MIN	3.05	-0.22	-0.02	0	-2.383	-0.003	14.753
LT1	B16	ENVE MIN	6.1	-0.22	24.9	0	-2.383	-0.003	-102.907

LT7	B17	ENVE MAX	0	1.61	-27.53	0.01	0.607	0.023	-28.228
LT7	B17	ENVE MAX	3.1	1.61	-1.92	0.01	0.607	0.023	38.79
LT7	B17	ENVE MAX	3.1	1.61	4.18	0.01	1.509	0.023	39.481
LT7	B17	ENVE MAX	6.2	1.61	60.48	0.01	1.509	0.023	-22.454
LT7	B17	ENVE MIN	0	-1.61	-63.67	-0.01	-1.645	-0.023	-71.667
LT7	B17	ENVE MIN	3.1	-1.61	-7.37	-0.01	-1.645	-0.023	17.071
LT7	B17	ENVE MIN	3.1	-1.61	0.33	-0.01	-0.529	-0.023	16.139
LT7	B17	ENVE MIN	6.2	-1.61	25.94	-0.01	-0.529	-0.023	-62.868
LT6	B17	ENVE MAX	0	1.34	-26.36	0.01	1.307	0.019	-22.472
LT6	B17	ENVE MAX	3.1	1.34	-0.75	0.01	1.307	0.019	42.299
LT6	B17	ENVE MAX	3.1	1.34	8.64	0.01	1.932	0.019	42.297
LT6	B17	ENVE MAX	6.2	1.34	64.93	0.01	1.932	0.019	-19.422
LT6	B17	ENVE MIN	0	-1.34	-67.28	-0.01	-2.037	-0.019	-81.355
LT6	B17	ENVE MIN	3.1	-1.34	-10.98	-0.01	-2.037	-0.019	17.188
LT6	B17	ENVE MIN	3.1	-1.34	-0.18	-0.01	-1.298	-0.019	16.522
LT6	B17	ENVE MIN	6.2	-1.34	25.43	-0.01	-1.298	-0.019	-74.94
LT5	B17	ENVE MAX	0	1.08	-25.23	0.01	1.704	0.015	-18.278
LT5	B17	ENVE MAX	3.1	1.08	0.38	0.01	1.704	0.015	43.278
LT5	B17	ENVE MAX	3.1	1.08	10.03	0.01	2.402	0.015	43.012
LT5	B17	ENVE MAX	6.2	1.08	66.32	0.01	2.402	0.015	-15.853
LT5	B17	ENVE MIN	0	-1.08	-68.73	-0.01	-2.474	-0.015	-86.301
LT5	B17	ENVE MIN	3.1	-1.08	-12.44	-0.01	-2.474	-0.015	16.459
LT5	B17	ENVE MIN	3.1	-1.08	-1.19	-0.01	-1.728	-0.015	16.062
LT5	B17	ENVE MIN	6.2	-1.08	24.42	-0.01	-1.728	-0.015	-79.41
LT4	B17	ENVE MAX	0	0.84	-24.2	0.01	1.991	0.012	-14.822
LT4	B17	ENVE MAX	3.1	0.84	1.41	0.01	1.991	0.012	43.638
LT4	B17	ENVE MAX	3.1	0.84	10.84	0.01	2.837	0.012	43.3
LT4	B17	ENVE MAX	6.2	0.84	67.13	0.01	2.837	0.012	-12.277
LT4	B17	ENVE MIN	0	-0.84	-69.89	-0.01	-2.852	-0.012	-90.541
LT4	B17	ENVE MIN	3.1	-0.84	-13.6	-0.01	-2.852	-0.012	15.732
LT4	B17	ENVE MIN	3.1	-0.84	-2.29	-0.01	-2.041	-0.012	15.487
LT4	B17	ENVE MIN	6.2	-0.84	23.32	-0.01	-2.041	-0.012	-82.403
LT3	B17	ENVE MAX	0	0.62	-23.35	0.01	2.199	0.009	-11.171
LT3	B17	ENVE MAX	3.1	0.62	2.26	0.01	2.199	0.009	44.951
LT3	B17	ENVE MAX	3.1	0.62	12.47	0.01	3.129	0.009	44.235
LT3	B17	ENVE MAX	6.2	0.62	68.76	0.01	3.129	0.009	-9.536
LT3	B17	ENVE MIN	0	-0.62	-71.62	-0.01	-3.094	-0.009	-96.17
LT3	B17	ENVE MIN	3.1	-0.62	-15.32	-0.01	-3.094	-0.009	15.148
LT3	B17	ENVE MIN	3.1	-0.62	-2.97	-0.01	-2.305	-0.009	15.292
LT3	B17	ENVE MIN	6.2	-0.62	22.64	-0.01	-2.305	-0.009	-87.327
LT2	B17	ENVE MAX	0	0.41	-23.04	0	2.239	0.006	-9.752
LT2	B17	ENVE MAX	3.1	0.41	2.57	0	2.239	0.006	45.497
LT2	B17	ENVE MAX	3.1	0.41	13.13	0	3.257	0.006	44.618
LT2	B17	ENVE MAX	6.2	0.41	69.42	0	3.257	0.006	-8.531
LT2	B17	ENVE MIN	0	-0.41	-72.4	0	-3.163	-0.006	-98.751
LT2	B17	ENVE MIN	3.1	-0.41	-16.11	0	-3.163	-0.006	14.923
LT2	B17	ENVE MIN	3.1	-0.41	-3.2	0	-2.391	-0.006	15.258

LT2	B17	ENVE MIN	6.2	-0.41	22.41	0	-2.391	-0.006	-89.313
LT1	B17	ENVE MAX	0	0.22	-23.95	0	2.164	0.003	-11.617
LT1	B17	ENVE MAX	3.1	0.22	1.66	0	2.164	0.003	47.349
LT1	B17	ENVE MAX	3.1	0.22	14.47	0	3.014	0.003	46.529
LT1	B17	ENVE MAX	6.2	0.22	70.77	0	3.014	0.003	-10.444
LT1	B17	ENVE MIN	0	-0.22	-73.76	0	-2.834	-0.003	-100.887
LT1	B17	ENVE MIN	3.1	-0.22	-17.47	0	-2.834	-0.003	16.088
LT1	B17	ENVE MIN	3.1	-0.22	-2.28	0	-2.359	-0.003	16.502
LT1	B17	ENVE MIN	6.2	-0.22	23.33	0	-2.359	-0.003	-91.274
LT7	B18	ENVE MAX	0	1.37	-21.31	0.01	0.195	0.015	-15.163
LT7	B18	ENVE MAX	3.1	1.37	5.98	0.01	0.195	0.014	27.101
LT7	B18	ENVE MAX	3.1	1.37	6.24	0.01	2.508	0.019	34.05
LT7	B18	ENVE MAX	6.2	1.37	56.51	0.01	2.508	0.017	-15.195
LT7	B18	ENVE MIN	0	-1.37	-53.81	-0.01	-4.644	-0.015	-53.704
LT7	B18	ENVE MIN	3.1	-1.37	-0.36	-0.01	-4.644	-0.014	11.707
LT7	B18	ENVE MIN	3.1	-1.37	-1.65	-0.01	-0.401	-0.019	12.313
LT7	B18	ENVE MIN	6.2	-1.37	21.41	-0.01	-0.401	-0.017	-67.158
LT6	B18	ENVE MAX	0	1.14	-19.98	0.01	1.679	0.013	-10.27
LT6	B18	ENVE MAX	3.1	1.14	6.06	0.01	1.679	0.012	29.931
LT6	B18	ENVE MAX	3.1	1.14	11.11	0.01	3.911	0.016	38.012
LT6	B18	ENVE MAX	6.2	1.14	61.37	0.01	3.911	0.014	-3.342
LT6	B18	ENVE MIN	0	-1.14	-58.58	-0.01	-5.032	-0.013	-66.004
LT6	B18	ENVE MIN	3.1	-1.14	-3.89	-0.01	-5.032	-0.012	12.158
LT6	B18	ENVE MIN	3.1	-1.14	-5.31	-0.01	-0.957	-0.016	9.658
LT6	B18	ENVE MIN	6.2	-1.14	17.75	-0.01	-0.957	-0.014	-81.438
LT5	B18	ENVE MAX	0	0.93	-18.21	0.01	2.339	0.01	-5.163
LT5	B18	ENVE MAX	3.1	0.93	7.62	0.01	2.339	0.009	30.881
LT5	B18	ENVE MAX	3.1	0.93	13.81	0.01	4.343	0.013	40.073
LT5	B18	ENVE MAX	6.2	0.93	64.08	0.01	4.343	0.012	6.081
LT5	B18	ENVE MIN	0	-0.93	-60.91	-0.01	-5.726	-0.01	-72.369
LT5	B18	ENVE MIN	3.1	-0.93	-6.01	-0.01	-5.726	-0.009	11.692
LT5	B18	ENVE MIN	3.1	-0.93	-8.1	-0.01	-1.307	-0.013	7.824
LT5	B18	ENVE MIN	6.2	-0.93	14.97	-0.01	-1.307	-0.012	-90.382
LT4	B18	ENVE MAX	0	0.72	-16.7	0	2.895	0.008	-0.888
LT4	B18	ENVE MAX	3.1	0.72	9.11	0	2.895	0.007	31.41
LT4	B18	ENVE MAX	3.1	0.72	15.87	0.01	4.69	0.01	41.656
LT4	B18	ENVE MAX	6.2	0.72	66.13	0.01	4.69	0.009	14.127
LT4	B18	ENVE MIN	0	-0.72	-62.5	0	-6.455	-0.008	-76.978
LT4	B18	ENVE MIN	3.1	-0.72	-7.57	0	-6.455	-0.007	11.054
LT4	B18	ENVE MIN	3.1	-0.72	-10.56	-0.01	-1.727	-0.01	6.129
LT4	B18	ENVE MIN	6.2	-0.72	12.5	-0.01	-1.727	-0.009	-97.273
LT3	B18	ENVE MAX	0	0.53	-15.26	0	3.145	0.006	3.463
LT3	B18	ENVE MAX	3.1	0.53	10.07	0	3.145	0.005	32.427
LT3	B18	ENVE MAX	3.1	0.53	18.19	0	4.795	0.007	43.081
LT3	B18	ENVE MAX	6.2	0.53	68.46	0	4.795	0.007	23.081
LT3	B18	ENVE MIN	0	-0.53	-65.26	0	-6.678	-0.006	-84.434
LT3	B18	ENVE MIN	3.1	-0.53	-9.85	0	-6.678	-0.005	11.017

LT3	B18	ENVE MIN	3.1	-0.53	-13.14	0	-1.707	-0.007	5.029
LT3	B18	ENVE MIN	6.2	-0.53	9.93	0	-1.707	-0.007	-105.121
LT2	B18	ENVE MAX	0	0.35	-14.73	0	3.151	0.004	5.091
LT2	B18	ENVE MAX	3.1	0.35	10.53	0	3.151	0.004	32.866
LT2	B18	ENVE MAX	3.1	0.35	19.04	0	4.761	0.005	43.638
LT2	B18	ENVE MAX	6.2	0.35	69.3	0	4.761	0.004	26.855
LT2	B18	ENVE MIN	0	-0.35	-66.51	0	-6.707	-0.004	-87.801
LT2	B18	ENVE MIN	3.1	-0.35	-11.04	0	-6.707	-0.004	11.083
LT2	B18	ENVE MIN	3.1	-0.35	-14.2	0	-1.599	-0.005	4.712
LT2	B18	ENVE MIN	6.2	-0.35	8.87	0	-1.599	-0.004	-107.99
LT1	B18	ENVE MAX	0	0.19	-16.04	0	3.095	0.002	1.996
LT1	B18	ENVE MAX	3.1	0.19	9.22	0	3.095	0.002	34.628
LT1	B18	ENVE MAX	3.1	0.19	18.27	0	4.572	0.003	44.374
LT1	B18	ENVE MAX	6.2	0.19	68.53	0	4.572	0.002	26.035
LT1	B18	ENVE MIN	0	-0.19	-67.98	0	-6.331	-0.002	-90.702
LT1	B18	ENVE MIN	3.1	-0.19	-12.51	0	-6.331	-0.002	11.944
LT1	B18	ENVE MIN	3.1	-0.19	-13.81	0	-1.604	-0.003	5.446
LT1	B18	ENVE MIN	6.2	-0.19	9.25	0	-1.604	-0.002	-104.502
LT7	B20	ENVE MAX	0	1.57	-22.33	0.01	2.055	0.022	-2.437
LT7	B20	ENVE MAX	3.1	1.57	3.27	0.01	2.055	0.022	57.817
LT7	B20	ENVE MAX	3.1	1.35	-0.99	0.01	-0.148	0.017	56.243
LT7	B20	ENVE MAX	3.35	1.35	-0.09	0.01	-0.148	0.015	59.42
LT7	B20	ENVE MAX	6.7	1.35	65	0.01	-0.148	0.017	-4.146
LT7	B20	ENVE MIN	0	-1.57	-61.5	-0.01	-0.718	-0.022	-46.772
LT7	B20	ENVE MIN	3.1	-1.57	-5.21	-0.01	-0.718	-0.022	25.916
LT7	B20	ENVE MIN	3.1	-1.35	-13.5	-0.01	-1.247	-0.017	25.346
LT7	B20	ENVE MIN	3.35	-1.35	-11.74	-0.01	-1.247	-0.015	25.491
LT7	B20	ENVE MIN	6.7	-1.35	24.75	-0.01	-1.247	-0.017	-49.731
LT6	B20	ENVE MAX	0	1.31	-20.36	0.01	1.833	0.018	2.061
LT6	B20	ENVE MAX	3.1	1.31	5.25	0.01	1.833	0.018	49.781
LT6	B20	ENVE MAX	3.1	1.13	0.59	0.01	0.743	0.014	46.031
LT6	B20	ENVE MAX	3.35	1.13	1.48	0.01	0.743	0.012	47.711
LT6	B20	ENVE MAX	6.7	1.13	65.06	0.01	0.743	0.014	3.215
LT6	B20	ENVE MIN	0	-1.31	-62.69	-0.01	-1.74	-0.018	-66.231
LT6	B20	ENVE MIN	3.1	-1.31	-6.41	-0.01	-1.74	-0.018	16.558
LT6	B20	ENVE MIN	3.1	-1.13	-19.22	-0.01	-1.263	-0.014	18.7
LT6	B20	ENVE MIN	3.35	-1.13	-17.46	-0.01	-1.263	-0.012	21.378
LT6	B20	ENVE MIN	6.7	-1.13	20.52	-0.01	-1.263	-0.014	-58.997
LT5	B20	ENVE MAX	0	1.06	-18.85	0.01	2.295	0.015	7.911
LT5	B20	ENVE MAX	3.1	1.06	6.75	0.01	2.295	0.015	50.386
LT5	B20	ENVE MAX	3.1	0.91	2.44	0.01	1.239	0.011	45.709
LT5	B20	ENVE MAX	3.35	0.91	3.33	0.01	1.239	0.01	46.752
LT5	B20	ENVE MAX	6.7	0.91	66.9	0.01	1.239	0.011	8.59
LT5	B20	ENVE MIN	0	-1.06	-63.83	-0.01	-2.287	-0.015	-72.56
LT5	B20	ENVE MIN	3.1	-1.06	-7.55	-0.01	-2.287	-0.015	14.348
LT5	B20	ENVE MIN	3.1	-0.91	-21.12	-0.01	-1.667	-0.011	17.288
LT5	B20	ENVE MIN	3.35	-0.91	-19.36	-0.01	-1.667	-0.01	20.617

LT5	B20	ENVE MIN	6.7	-0.91	18.64	-0.01	-1.667	-0.011	-65.924
LT4	B20	ENVE MAX	0	0.82	-17.76	0.01	2.738	0.011	13.873
LT4	B20	ENVE MAX	3.1	0.82	7.85	0.01	2.738	0.011	53.393
LT4	B20	ENVE MAX	3.1	0.71	4.33	0	1.615	0.009	47.859
LT4	B20	ENVE MAX	3.35	0.71	5.22	0	1.615	0.008	48.357
LT4	B20	ENVE MAX	6.7	0.71	69	0	1.615	0.009	12.662
LT4	B20	ENVE MIN	0	-0.82	-64.56	-0.01	-2.622	-0.011	-76.465
LT4	B20	ENVE MIN	3.1	-0.82	-8.28	-0.01	-2.622	-0.011	12.261
LT4	B20	ENVE MIN	3.1	-0.71	-22.45	0	-2.053	-0.009	15.854
LT4	B20	ENVE MIN	3.35	-0.71	-20.69	0	-2.053	-0.008	19.586
LT4	B20	ENVE MIN	6.7	-0.71	17.11	0	-2.053	-0.009	-71.332
LT3	B20	ENVE MAX	0	0.6	-16.65	0.01	3.116	0.008	15.68
LT3	B20	ENVE MAX	3.1	0.6	9.2	0.01	3.116	0.008	50.18
LT3	B20	ENVE MAX	3.1	0.52	4.95	0	2.203	0.007	44.089
LT3	B20	ENVE MAX	3.35	0.52	5.84	0	2.203	0.006	44.476
LT3	B20	ENVE MAX	6.7	0.52	69.44	0	2.203	0.006	15.348
LT3	B20	ENVE MIN	0	-0.6	-64.94	-0.01	-3.275	-0.008	-80.283
LT3	B20	ENVE MIN	3.1	-0.6	-8.9	-0.01	-3.275	-0.008	11.235
LT3	B20	ENVE MIN	3.1	-0.52	-23.55	0	-2.384	-0.007	15.206
LT3	B20	ENVE MIN	3.35	-0.52	-21.79	0	-2.384	-0.006	19.169
LT3	B20	ENVE MIN	6.7	-0.52	16.18	0	-2.384	-0.006	-76.694
LT2	B20	ENVE MAX	0	0.4	-16.25	0	3.296	0.006	15.709
LT2	B20	ENVE MAX	3.1	0.4	9.76	0	3.296	0.005	48.203
LT2	B20	ENVE MAX	3.1	0.34	5.01	0	2.489	0.004	41.957
LT2	B20	ENVE MAX	3.35	0.34	5.9	0	2.489	0.004	42.602
LT2	B20	ENVE MAX	6.7	0.34	69.45	0	2.489	0.004	15.984
LT2	B20	ENVE MIN	0	-0.4	-64.92	0	-3.543	-0.006	-80.974
LT2	B20	ENVE MIN	3.1	-0.4	-9.03	0	-3.543	-0.005	11.219
LT2	B20	ENVE MIN	3.1	-0.34	-23.76	0	-2.539	-0.004	15.25
LT2	B20	ENVE MIN	3.35	-0.34	-22	0	-2.539	-0.004	18.994
LT2	B20	ENVE MIN	6.7	-0.34	16.02	0	-2.539	-0.004	-78.864
LT1	B20	ENVE MAX	0	0.22	-15.83	0	3.091	0.003	15.542
LT1	B20	ENVE MAX	3.1	0.22	11.2	0	3.091	0.003	45.268
LT1	B20	ENVE MAX	3.1	0.19	3.97	0	2.463	0.002	39.56
LT1	B20	ENVE MAX	3.35	0.19	4.87	0	2.463	0.002	40.318
LT1	B20	ENVE MAX	6.7	0.19	67.96	0	2.463	0.002	13.939
LT1	B20	ENVE MIN	0	-0.22	-61.88	0	-3.193	-0.003	-75.592
LT1	B20	ENVE MIN	3.1	-0.22	-7.02	0	-3.193	-0.003	8.654
LT1	B20	ENVE MIN	3.1	-0.19	-24.37	0	-2.514	-0.002	12.664
LT1	B20	ENVE MIN	3.35	-0.19	-22.61	0	-2.514	-0.002	16.706
LT1	B20	ENVE MIN	6.7	-0.19	15.87	0	-2.514	-0.002	-75.879
LT7	B22	ENVE MAX	0	1.59	-22.22	0.01	0.614	0.022	-0.972
LT7	B22	ENVE MAX	3.1	1.59	3.39	0.01	0.614	0.022	59.858
LT7	B22	ENVE MAX	3.1	1.37	-0.82	0.01	0.534	0.017	58.799
LT7	B22	ENVE MAX	3.35	1.37	0.08	0.01	0.534	0.015	62.015
LT7	B22	ENVE MAX	6.7	1.37	65.37	0.01	0.534	0.017	-2.228
LT7	B22	ENVE MIN	0	-1.59	-60.45	-0.01	-0.474	-0.022	-41.766

LT7	B22	ENVE MIN	3.1	-1.59	-4.16	-0.01	-0.474	-0.022	26.729
LT7	B22	ENVE MIN	3.1	-1.37	-13.76	-0.01	-0.635	-0.017	25.77
LT7	B22	ENVE MIN	3.35	-1.37	-12	-0.01	-0.635	-0.015	25.897
LT7	B22	ENVE MIN	6.7	-1.37	24.6	-0.01	-0.635	-0.017	-48.923
LT6	B22	ENVE MAX	0	1.33	-19.81	0.01	1.8	0.019	3.867
LT6	B22	ENVE MAX	3.1	1.33	6.04	0.01	1.8	0.018	49.473
LT6	B22	ENVE MAX	3.1	1.14	0.74	0.01	1.34	0.015	45.543
LT6	B22	ENVE MAX	3.35	1.14	1.63	0.01	1.34	0.013	47.084
LT6	B22	ENVE MAX	6.7	1.14	65.05	0.01	1.34	0.014	5.699
LT6	B22	ENVE MIN	0	-1.33	-61.68	-0.01	-1.312	-0.019	-64.498
LT6	B22	ENVE MIN	3.1	-1.33	-5.62	-0.01	-1.312	-0.018	15.552
LT6	B22	ENVE MIN	3.1	-1.14	-20.51	-0.01	-1.52	-0.015	18.12
LT6	B22	ENVE MIN	3.35	-1.14	-18.75	-0.01	-1.52	-0.013	21.222
LT6	B22	ENVE MIN	6.7	-1.14	19.72	-0.01	-1.52	-0.014	-59.027
LT5	B22	ENVE MAX	0	1.07	-18.14	0.01	2.416	0.015	9.986
LT5	B22	ENVE MAX	3.1	1.07	7.91	0.01	2.416	0.015	49.66
LT5	B22	ENVE MAX	3.1	0.93	2.55	0.01	1.868	0.012	44.826
LT5	B22	ENVE MAX	3.35	0.93	3.44	0.01	1.868	0.01	45.926
LT5	B22	ENVE MAX	6.7	0.93	66.81	0.01	1.868	0.012	11.108
LT5	B22	ENVE MIN	0	-1.07	-62.8	-0.01	-1.949	-0.015	-70.999
LT5	B22	ENVE MIN	3.1	-1.07	-6.94	-0.01	-1.949	-0.015	13.27
LT5	B22	ENVE MIN	3.1	-0.93	-22.47	-0.01	-2.063	-0.012	16.661
LT5	B22	ENVE MIN	3.35	-0.93	-20.71	-0.01	-2.063	-0.01	20.241
LT5	B22	ENVE MIN	6.7	-0.93	17.81	-0.01	-2.063	-0.012	-66.094
LT4	B22	ENVE MAX	0	0.84	-16.8	0.01	2.844	0.012	16.542
LT4	B22	ENVE MAX	3.1	0.84	9.39	0.01	2.844	0.012	52.405
LT4	B22	ENVE MAX	3.1	0.72	4.42	0.01	2.26	0.009	46.759
LT4	B22	ENVE MAX	3.35	0.72	5.31	0.01	2.26	0.008	47.344
LT4	B22	ENVE MAX	6.7	0.72	68.87	0.01	2.26	0.009	15.403
LT4	B22	ENVE MIN	0	-0.84	-63.75	-0.01	-2.452	-0.012	-75.396
LT4	B22	ENVE MIN	3.1	-0.84	-8.03	-0.01	-2.452	-0.012	11.475
LT4	B22	ENVE MIN	3.1	-0.72	-23.8	-0.01	-2.451	-0.009	15.465
LT4	B22	ENVE MIN	3.35	-0.72	-22.04	-0.01	-2.451	-0.008	19.426
LT4	B22	ENVE MIN	6.7	-0.72	16.29	-0.01	-2.451	-0.009	-71.582
LT3	B22	ENVE MAX	0	0.61	-15.64	0.01	3.471	0.009	18.191
LT3	B22	ENVE MAX	3.1	0.61	10.91	0.01	3.471	0.009	48.558
LT3	B22	ENVE MAX	3.1	0.53	4.92	0	2.829	0.007	42.335
LT3	B22	ENVE MAX	3.35	0.53	5.82	0	2.829	0.006	42.865
LT3	B22	ENVE MAX	6.7	0.53	69.09	0	2.829	0.007	17.954
LT3	B22	ENVE MIN	0	-0.61	-63.89	-0.01	-3.098	-0.009	-79.472
LT3	B22	ENVE MIN	3.1	-0.61	-8.54	-0.01	-3.098	-0.009	9.773
LT3	B22	ENVE MIN	3.1	-0.53	-25.12	0	-3.028	-0.007	14.277
LT3	B22	ENVE MIN	3.35	-0.53	-23.36	0	-3.028	-0.006	18.495
LT3	B22	ENVE MIN	6.7	-0.53	15.26	0	-3.028	-0.007	-76.833
LT2	B22	ENVE MAX	0	0.41	-15.18	0	3.726	0.006	18.239
LT2	B22	ENVE MAX	3.1	0.41	11.59	0	3.726	0.006	46.324
LT2	B22	ENVE MAX	3.1	0.35	4.96	0	3.066	0.004	39.91

LT2	B22	ENVE MAX	3.35	0.35	5.85	0	3.066	0.004	40.501
LT2	B22	ENVE MAX	6.7	0.35	69.02	0	3.066	0.004	18.519
LT2	B22	ENVE MIN	0	-0.41	-63.75	0	-3.379	-0.006	-80.263
LT2	B22	ENVE MIN	3.1	-0.41	-8.63	0	-3.379	-0.006	9.4
LT2	B22	ENVE MIN	3.1	-0.35	-25.46	0	-3.263	-0.004	14.025
LT2	B22	ENVE MIN	3.35	-0.35	-23.7	0	-3.263	-0.004	18.258
LT2	B22	ENVE MIN	6.7	-0.35	15.02	0	-3.263	-0.004	-78.975
LT1	B22	ENVE MAX	0	0.22	-14.63	0	3.545	0.003	18.555
LT1	B22	ENVE MAX	3.1	0.22	13.09	0	3.545	0.003	43.568
LT1	B22	ENVE MAX	3.1	0.19	4	0	2.935	0.002	37.73
LT1	B22	ENVE MAX	3.35	0.19	4.89	0	2.935	0.002	38.614
LT1	B22	ENVE MAX	6.7	0.19	67.68	0	2.935	0.002	16.563
LT1	B22	ENVE MIN	0	-0.22	-61.16	0	-3.292	-0.003	-75.6
LT1	B22	ENVE MIN	3.1	-0.22	-6.98	0	-3.292	-0.003	7.389
LT1	B22	ENVE MIN	3.1	-0.19	-25.89	0	-3.089	-0.002	11.9
LT1	B22	ENVE MIN	3.35	-0.19	-24.13	0	-3.089	-0.002	16.188
LT1	B22	ENVE MIN	6.7	-0.19	14.98	0	-3.089	-0.002	-76.328
LT7	B24	ENVE MAX	0	1.73	-17.54	0.04	1.406	0.043	1.903
LT7	B24	ENVE MAX	2.025	1.73	-4.74	0.04	1.406	0.042	48.348
LT7	B24	ENVE MAX	2.025	0.97	-3.13	0.01	4.278	0.016	43.077
LT7	B24	ENVE MAX	2.813	0.97	1.2	0.01	4.278	0.009	52.55
LT7	B24	ENVE MAX	5.625	0.97	59	0.01	4.278	0.015	2.137
LT7	B24	ENVE MIN	0	-1.73	-49.51	-0.04	-3.532	-0.043	-32.283
LT7	B24	ENVE MIN	2.025	-1.73	-22.05	-0.04	-3.532	-0.042	16.053
LT7	B24	ENVE MIN	2.025	-0.97	-22.63	-0.01	1.151	-0.016	14.769
LT7	B24	ENVE MIN	2.813	-0.97	-13.47	-0.01	1.151	-0.009	21.26
LT7	B24	ENVE MIN	5.625	-0.97	19.78	-0.01	1.151	-0.015	-39.718
LT6	B24	ENVE MAX	0	1.44	-15.39	0.04	3.496	0.036	7.939
LT6	B24	ENVE MAX	2.025	1.44	-2.59	0.04	3.496	0.035	44.26
LT6	B24	ENVE MAX	2.025	0.81	0.09	0.01	3.478	0.014	38.901
LT6	B24	ENVE MAX	2.813	0.81	4.43	0.01	3.478	0.008	46.433
LT6	B24	ENVE MAX	5.625	0.81	60.81	0.01	3.478	0.013	11.182
LT6	B24	ENVE MIN	0	-1.44	-50.9	-0.04	-5.509	-0.036	-52.649
LT6	B24	ENVE MIN	2.025	-1.44	-23.44	-0.04	-5.509	-0.035	4.263
LT6	B24	ENVE MIN	2.025	-0.81	-29.74	-0.01	0.089	-0.014	3.315
LT6	B24	ENVE MIN	2.813	-0.81	-20.58	-0.01	0.089	-0.008	14.809
LT6	B24	ENVE MIN	5.625	-0.81	14.08	-0.01	0.089	-0.013	-50.395
LT5	B24	ENVE MAX	0	1.17	-13.81	0.03	4.669	0.029	14.139
LT5	B24	ENVE MAX	2.025	1.17	-1.01	0.03	4.669	0.029	46.797
LT5	B24	ENVE MAX	2.025	0.66	2.86	0.01	3.775	0.011	41.013
LT5	B24	ENVE MAX	2.813	0.66	7.19	0.01	3.775	0.006	46.951
LT5	B24	ENVE MAX	5.625	0.66	63.54	0.01	3.775	0.01	17.8
LT5	B24	ENVE MIN	0	-1.17	-52.07	-0.03	-6.616	-0.029	-59.309
LT5	B24	ENVE MIN	2.025	-1.17	-24.61	-0.03	-6.616	-0.029	0.444
LT5	B24	ENVE MIN	2.025	-0.66	-32.58	-0.01	-0.399	-0.011	-0.195
LT5	B24	ENVE MIN	2.813	-0.66	-23.42	-0.01	-0.399	-0.006	12.952
LT5	B24	ENVE MIN	5.625	-0.66	11.27	-0.01	-0.399	-0.01	-58.14

LT4	B24	ENVE MAX	0	0.91	-12.64	0.02	5.657	0.023	20.665
LT4	B24	ENVE MAX	2.025	0.91	0.16	0.02	5.657	0.022	51.395
LT4	B24	ENVE MAX	2.025	0.51	5.52	0	4.192	0.009	45.313
LT4	B24	ENVE MAX	2.813	0.51	9.85	0	4.192	0.005	48.992
LT4	B24	ENVE MAX	5.625	0.51	66.45	0	4.192	0.008	22.679
LT4	B24	ENVE MIN	0	-0.91	-52.91	-0.02	-7.51	-0.023	-63.929
LT4	B24	ENVE MIN	2.025	-0.91	-25.45	-0.02	-7.51	-0.022	-2.925
LT4	B24	ENVE MIN	2.025	-0.51	-34.57	0	-0.723	-0.009	-3.367
LT4	B24	ENVE MIN	2.813	-0.51	-25.41	0	-0.723	-0.005	11.511
LT4	B24	ENVE MIN	5.625	-0.51	9.03	0	-0.723	-0.008	-64.307
LT3	B24	ENVE MAX	0	0.66	-11.42	0.02	6.376	0.017	23.249
LT3	B24	ENVE MAX	2.025	0.66	1.38	0.02	6.376	0.016	50.313
LT3	B24	ENVE MAX	2.025	0.37	7.05	0	4.263	0.006	43.895
LT3	B24	ENVE MAX	2.813	0.37	11.38	0	4.263	0.004	47.646
LT3	B24	ENVE MAX	5.625	0.37	67.85	0	4.263	0.006	27.044
LT3	B24	ENVE MIN	0	-0.66	-53.43	-0.02	-8.018	-0.017	-68.413
LT3	B24	ENVE MIN	2.025	-0.66	-25.97	-0.02	-8.018	-0.016	-5.156
LT3	B24	ENVE MIN	2.025	-0.37	-36.47	0	-1.24	-0.006	-5.36
LT3	B24	ENVE MIN	2.813	-0.37	-27.31	0	-1.24	-0.004	9.737
LT3	B24	ENVE MIN	5.625	-0.37	7.27	0	-1.24	-0.006	-70.757
LT2	B24	ENVE MAX	0	0.44	-10.88	0.01	6.586	0.011	23.877
LT2	B24	ENVE MAX	2.025	0.44	1.92	0.01	6.586	0.011	49.322
LT2	B24	ENVE MAX	2.025	0.25	7.57	0	4.286	0.004	42.722
LT2	B24	ENVE MAX	2.813	0.25	11.9	0	4.286	0.002	46.751
LT2	B24	ENVE MAX	5.625	0.25	68.36	0	4.286	0.004	28.652
LT2	B24	ENVE MIN	0	-0.44	-53.51	-0.01	-8.134	-0.011	-69.579
LT2	B24	ENVE MIN	2.025	-0.44	-26.05	-0.01	-8.134	-0.011	-5.635
LT2	B24	ENVE MIN	2.025	-0.25	-37.04	0	-1.434	-0.004	-5.753
LT2	B24	ENVE MIN	2.813	-0.25	-27.88	0	-1.434	-0.002	9.104
LT2	B24	ENVE MIN	5.625	-0.25	6.71	0	-1.434	-0.004	-73.756
LT1	B24	ENVE MAX	0	0.24	-10.53	0.01	6.555	0.006	24.074
LT1	B24	ENVE MAX	2.025	0.24	2.27	0.01	6.555	0.006	48.531
LT1	B24	ENVE MAX	2.025	0.14	7.04	0	3.919	0.002	42.389
LT1	B24	ENVE MAX	2.813	0.14	11.38	0	3.919	0.001	46.188
LT1	B24	ENVE MAX	5.625	0.14	67.95	0	3.919	0.002	25.835
LT1	B24	ENVE MIN	0	-0.24	-51.21	-0.01	-7.436	-0.006	-65.682
LT1	B24	ENVE MIN	2.025	-0.24	-23.75	-0.01	-7.436	-0.006	-6.115
LT1	B24	ENVE MIN	2.025	-0.14	-36.26	0	-1.552	-0.002	-6.178
LT1	B24	ENVE MIN	2.813	-0.14	-27.1	0	-1.552	-0.001	8.706
LT1	B24	ENVE MIN	5.625	-0.14	7.38	0	-1.552	-0.002	-72.62
LT7	B26	ENVE MAX	0	0	-17.04	0	2.591	0	1.219
LT7	B26	ENVE MAX	2.275	0	7.29	0	2.591	0	42.384
LT7	B26	ENVE MAX	4.55	0	58.22	0	2.591	0	-7.899
LT7	B26	ENVE MIN	0	0	-52.25	0	-0.268	0	-34.349
LT7	B26	ENVE MIN	2.275	0	-2.8	0	-0.268	0	16.351
LT7	B26	ENVE MIN	4.55	0	20.05	0	-0.268	0	-45.648
LT6	B26	ENVE MAX	0	0	-13.18	0	2.587	0	11.118

LT6	B26	ENVE MAX	2.275	0	10.5	0	2.587	0	42.158
LT6	B26	ENVE MAX	4.55	0	61.43	0	2.587	0	-0.354
LT6	B26	ENVE MIN	0	0	-57.79	0	-0.35	0	-52.329
LT6	B26	ENVE MIN	2.275	0	-7.69	0	-0.35	0	12.303
LT6	B26	ENVE MIN	4.55	0	15.17	0	-0.35	0	-53.661
LT5	B26	ENVE MAX	0	0	-10.11	0	2.461	0	18.463
LT5	B26	ENVE MAX	2.275	0	13.59	0	2.461	0	42.946
LT5	B26	ENVE MAX	4.55	0	64.52	0	2.461	0	5.936
LT5	B26	ENVE MIN	0	0	-60.79	0	-0.427	0	-59.787
LT5	B26	ENVE MIN	2.275	0	-10.72	0	-0.427	0	11.265
LT5	B26	ENVE MIN	4.55	0	12.13	0	-0.427	0	-60.338
LT4	B26	ENVE MAX	0	0	-7.2	0	2.159	0	26.16
LT4	B26	ENVE MAX	2.275	0	16.96	0	2.159	0	44.279
LT4	B26	ENVE MAX	4.55	0	67.88	0	2.159	0	9.478
LT4	B26	ENVE MIN	0	0	-62.5	0	-0.481	0	-65.235
LT4	B26	ENVE MIN	2.275	0	-12.88	0	-0.481	0	9.444
LT4	B26	ENVE MIN	4.55	0	9.97	0	-0.481	0	-67.106
LT3	B26	ENVE MAX	0	0	-5.09	0	1.863	0	30.212
LT3	B26	ENVE MAX	2.275	0	19.19	0	1.863	0	43.244
LT3	B26	ENVE MAX	4.55	0	70.12	0	1.863	0	14.201
LT3	B26	ENVE MIN	0	0	-64.32	0	-0.523	0	-69.443
LT3	B26	ENVE MIN	2.275	0	-14.83	0	-0.523	0	9.666
LT3	B26	ENVE MIN	4.55	0	8.03	0	-0.523	0	-73.298
LT2	B26	ENVE MAX	0	0	-4.29	0	1.593	0	31.666
LT2	B26	ENVE MAX	2.275	0	20.14	0	1.593	0	42.328
LT2	B26	ENVE MAX	4.55	0	71.06	0	1.593	0	15.695
LT2	B26	ENVE MIN	0	0	-64.79	0	-0.502	0	-70.681
LT2	B26	ENVE MIN	2.275	0	-15.44	0	-0.502	0	10.041
LT2	B26	ENVE MIN	4.55	0	7.42	0	-0.502	0	-76.092
LT1	B26	ENVE MAX	0	0	-4.43	0	1.124	0	31.595
LT1	B26	ENVE MAX	2.275	0	20.33	0	1.124	0	42.471
LT1	B26	ENVE MAX	4.55	0	71.25	0	1.124	0	13.743
LT1	B26	ENVE MIN	0	0	-63.86	0	-0.415	0	-69.246
LT1	B26	ENVE MIN	2.275	0	-14.84	0	-0.415	0	9.466
LT1	B26	ENVE MIN	4.55	0	8.01	0	-0.415	0	-76.368
LT7	B29	ENVE MAX	0	0	-17.2	0	0.15	0	0.889
LT7	B29	ENVE MAX	2.275	0	8.04	0	0.15	0	39.905
LT7	B29	ENVE MAX	4.55	0	58.96	0	0.15	0	-16.706
LT7	B29	ENVE MIN	0	0	-49.49	0	-0.891	0	-34.418
LT7	B29	ENVE MIN	2.275	0	-0.95	0	-0.891	0	12.515
LT7	B29	ENVE MIN	4.55	0	21.91	0	-0.891	0	-49.072
LT6	B29	ENVE MAX	0	0	-13.7	0	0.122	0	9.67
LT6	B29	ENVE MAX	2.275	0	10.53	0	0.122	0	39.211
LT6	B29	ENVE MAX	4.55	0	61.46	0	0.122	0	-8.05
LT6	B29	ENVE MIN	0	0	-55.79	0	-0.42	0	-53.679
LT6	B29	ENVE MIN	2.275	0	-6.25	0	-0.42	0	9.111
LT6	B29	ENVE MIN	4.55	0	16.6	0	-0.42	0	-55.445

LT5	B29	ENVE MAX	0	0	-10.47	0	0.139	0	17.479
LT5	B29	ENVE MAX	2.275	0	13.88	0	0.139	0	39.761
LT5	B29	ENVE MAX	4.55	0	64.81	0	0.139	0	-1.499
LT5	B29	ENVE MIN	0	0	-58.75	0	-0.423	0	-60.825
LT5	B29	ENVE MIN	2.275	0	-9.31	0	-0.423	0	8.576
LT5	B29	ENVE MIN	4.55	0	13.54	0	-0.423	0	-62.629
LT4	B29	ENVE MAX	0	0	-7.32	0	0.17	0	25.99
LT4	B29	ENVE MAX	2.275	0	17.5	0	0.17	0	40.99
LT4	B29	ENVE MAX	4.55	0	68.42	0	0.17	0	2.119
LT4	B29	ENVE MIN	0	0	-60.58	0	-0.373	0	-66.791
LT4	B29	ENVE MIN	2.275	0	-11.62	0	-0.373	0	6.917
LT4	B29	ENVE MIN	4.55	0	11.23	0	-0.373	0	-69.655
LT3	B29	ENVE MAX	0	0	-4.82	0	0.169	0	30.4
LT3	B29	ENVE MAX	2.275	0	20.2	0	0.169	0	39.626
LT3	B29	ENVE MAX	4.55	0	71.12	0	0.169	0	8.26
LT3	B29	ENVE MIN	0	0	-62.63	0	-0.324	0	-70.605
LT3	B29	ENVE MIN	2.275	0	-13.86	0	-0.324	0	7.831
LT3	B29	ENVE MIN	4.55	0	8.99	0	-0.324	0	-77.29
LT2	B29	ENVE MAX	0	0	-3.6	0	0.174	0	32.354
LT2	B29	ENVE MAX	2.275	0	21.6	0	0.174	0	38.731
LT2	B29	ENVE MAX	4.55	0	72.53	0	0.174	0	11
LT2	B29	ENVE MIN	0	0	-63.37	0	-0.293	0	-71.823
LT2	B29	ENVE MIN	2.275	0	-14.79	0	-0.293	0	8.388
LT2	B29	ENVE MIN	4.55	0	8.06	0	-0.293	0	-81.443
LT1	B29	ENVE MAX	0	0	-3.12	0	0.194	0	33.608
LT1	B29	ENVE MAX	2.275	0	22.55	0	0.194	0	38.712
LT1	B29	ENVE MAX	4.55	0	73.48	0	0.194	0	9.925
LT1	B29	ENVE MIN	0	0	-62.61	0	-0.248	0	-70.605
LT1	B29	ENVE MIN	2.275	0	-14.49	0	-0.248	0	8.04
LT1	B29	ENVE MIN	4.55	0	8.36	0	-0.248	0	-83.573
ATAP	B59	ENVE MAX	0	0	-26.33	0	1.536	0	-13.808
ATAP	B59	ENVE MAX	3.115	0	2.11	0	1.536	0	64.354
ATAP	B59	ENVE MAX	6.23	0	61.51	0	1.536	0	-15.421
ATAP	B59	ENVE MIN	0	0	-61.32	0	-0.849	0	-50.817
ATAP	B59	ENVE MIN	3.115	0	-1.99	0	-0.849	0	29.493
ATAP	B59	ENVE MIN	6.23	0	26.39	0	-0.849	0	-49.964
LT7	B59	ENVE MAX	0	1.66	-9.58	0.02	4.995	0.025	-8.281
LT7	B59	ENVE MAX	2.6	1.66	14.32	0.02	4.995	0.024	8.406
LT7	B59	ENVE MAX	2.6	1.19	-9.75	0.01	-0.073	0.014	5.128
LT7	B59	ENVE MAX	3.115	1.19	-7.42	0.01	-0.073	0.01	15.663
LT7	B59	ENVE MAX	6.23	1.19	45.05	0.01	-0.073	0.014	6.527
LT7	B59	ENVE MIN	0	-1.66	-38.66	-0.02	-0.189	-0.025	-38.704
LT7	B59	ENVE MIN	2.6	-1.66	-1.78	-0.02	-0.189	-0.024	-8.99
LT7	B59	ENVE MIN	2.6	-1.19	-38.73	-0.01	-2.763	-0.014	-14.506
LT7	B59	ENVE MIN	3.115	-1.19	-33.94	-0.01	-2.763	-0.01	-1.628
LT7	B59	ENVE MIN	6.23	-1.19	12.37	-0.01	-2.763	-0.014	-32.123
LT6	B59	ENVE MAX	0	1.38	-5.05	0.02	5.294	0.021	-2.075

LT6	B59	ENVE MAX	2.6	1.38	19.65	0.02	5.294	0.02	12.804
LT6	B59	ENVE MAX	2.6	0.99	-5.4	0.01	0.049	0.012	10.54
LT6	B59	ENVE MAX	3.115	0.99	-3.07	0.01	0.049	0.008	19.266
LT6	B59	ENVE MAX	6.23	0.99	49.82	0.01	0.049	0.011	15.336
LT6	B59	ENVE MIN	0	-1.38	-41.12	-0.02	-0.335	-0.021	-41.048
LT6	B59	ENVE MIN	2.6	-1.38	-5.03	-0.02	-0.335	-0.02	-14.919
LT6	B59	ENVE MIN	2.6	-0.99	-41.9	-0.01	-2.879	-0.012	-19.621
LT6	B59	ENVE MIN	3.115	-0.99	-37.1	-0.01	-2.879	-0.008	-5.548
LT6	B59	ENVE MIN	6.23	-0.99	8.79	-0.01	-2.879	-0.011	-44.96
LT5	B59	ENVE MAX	0	1.12	-1.1	0.01	5.675	0.017	2.711
LT5	B59	ENVE MAX	2.6	1.12	23.62	0.01	5.675	0.016	17.539
LT5	B59	ENVE MAX	2.6	0.8	-1.75	0.01	0.597	0.009	15.827
LT5	B59	ENVE MAX	3.115	0.8	0.58	0.01	0.597	0.007	22.876
LT5	B59	ENVE MAX	6.23	0.8	53.5	0.01	0.597	0.009	23.533
LT5	B59	ENVE MIN	0	-1.12	-45	-0.01	-0.979	-0.017	-46.681
LT5	B59	ENVE MIN	2.6	-1.12	-8.94	-0.01	-0.979	-0.016	-20.653
LT5	B59	ENVE MIN	2.6	-0.8	-45.41	-0.01	-3.215	-0.009	-25.4
LT5	B59	ENVE MIN	3.115	-0.8	-40.62	-0.01	-3.215	-0.007	-9.721
LT5	B59	ENVE MIN	6.23	-0.8	5.24	-0.01	-3.215	-0.009	-54.148
LT4	B59	ENVE MAX	0	0.87	1.79	0.01	6.09	0.013	6.057
LT4	B59	ENVE MAX	2.6	0.87	26.02	0.01	6.09	0.013	22.146
LT4	B59	ENVE MAX	2.6	0.62	1.05	0	0.933	0.007	19.651
LT4	B59	ENVE MAX	3.115	0.62	3.38	0	0.933	0.005	25.757
LT4	B59	ENVE MAX	6.23	0.62	56.17	0	0.933	0.007	31.521
LT4	B59	ENVE MIN	0	-0.87	-49.21	-0.01	-1.424	-0.013	-52.702
LT4	B59	ENVE MIN	2.6	-0.87	-12.66	-0.01	-1.424	-0.013	-24.509
LT4	B59	ENVE MIN	2.6	-0.62	-48.53	0	-3.751	-0.007	-29.284
LT4	B59	ENVE MIN	3.115	-0.62	-43.74	0	-3.751	-0.005	-12.492
LT4	B59	ENVE MIN	6.23	-0.62	2.25	0	-3.751	-0.007	-61.001
LT3	B59	ENVE MAX	0	0.64	3.5	0.01	6.52	0.009	8.858
LT3	B59	ENVE MAX	2.6	0.64	27.85	0.01	6.52	0.009	22.999
LT3	B59	ENVE MAX	2.6	0.46	3.57	0	1.556	0.005	22.654
LT3	B59	ENVE MAX	3.115	0.46	5.9	0	1.556	0.004	28.077
LT3	B59	ENVE MAX	6.23	0.46	59.01	0	1.556	0.005	34.876
LT3	B59	ENVE MIN	0	-0.64	-50.48	-0.01	-2.261	-0.009	-56.521
LT3	B59	ENVE MIN	2.6	-0.64	-14.04	-0.01	-2.261	-0.009	-27.538
LT3	B59	ENVE MIN	2.6	-0.46	-50.11	0	-4.133	-0.005	-31.297
LT3	B59	ENVE MIN	3.115	-0.46	-45.32	0	-4.133	-0.004	-14.311
LT3	B59	ENVE MIN	6.23	-0.46	0.36	0	-4.133	-0.005	-66.807
LT2	B59	ENVE MAX	0	0.42	1.76	0	6.952	0.006	9.717
LT2	B59	ENVE MAX	2.6	0.42	25.9	0	6.952	0.006	20.187
LT2	B59	ENVE MAX	2.6	0.3	3.61	0	1.92	0.004	19.84
LT2	B59	ENVE MAX	3.115	0.3	5.94	0	1.92	0.003	25.215
LT2	B59	ENVE MAX	6.23	0.3	58.86	0	1.92	0.003	35.731
LT2	B59	ENVE MIN	0	-0.42	-49.17	0	-2.746	-0.006	-58.246
LT2	B59	ENVE MIN	2.6	-0.42	-12.53	0	-2.746	-0.006	-24.46
LT2	B59	ENVE MIN	2.6	-0.3	-50.72	0	-4.54	-0.004	-30.487

LT2	B59	ENVE MIN	3.115	-0.3	-45.93	0	-4.54	-0.003	-13.159
LT2	B59	ENVE MIN	6.23	-0.3	-0.06	0	-4.54	-0.003	-67.588
LT1	B59	ENVE MAX	0	0.23	1.05	0	6.711	0.003	8.772
LT1	B59	ENVE MAX	2.6	0.23	24.82	0	6.711	0.003	19.438
LT1	B59	ENVE MAX	2.6	0.17	2.96	0	1.858	0.002	18.452
LT1	B59	ENVE MAX	3.115	0.17	5.29	0	1.858	0.001	24.197
LT1	B59	ENVE MAX	6.23	0.17	58.02	0	1.858	0.002	35.777
LT1	B59	ENVE MIN	0	-0.23	-49.33	0	-2.542	-0.003	-59.527
LT1	B59	ENVE MIN	2.6	-0.23	-12.32	0	-2.542	-0.003	-23.669
LT1	B59	ENVE MIN	2.6	-0.17	-50.57	0	-4.609	-0.002	-29.349
LT1	B59	ENVE MIN	3.115	-0.17	-45.78	0	-4.609	-0.001	-12.132
LT1	B59	ENVE MIN	6.23	-0.17	0.27	0	-4.609	-0.002	-66.068
ATAP	B61	ENVE MAX	0	0	-25.55	0	0.305	0	-10.852
ATAP	B61	ENVE MAX	3.115	0	2.83	0	0.305	0	65.592
ATAP	B61	ENVE MAX	6.23	0	62.1	0	0.305	0	-11.044
ATAP	B61	ENVE MIN	0	0	-62.63	0	0.037	0	-53.25
ATAP	B61	ENVE MIN	3.115	0	-3.23	0	0.037	0	30.408
ATAP	B61	ENVE MIN	6.23	0	25.27	0	0.037	0	-50.557
LT7	B61	ENVE MAX	0	0	-19.49	0	2.298	0	-9.431
LT7	B61	ENVE MAX	2.52	0	-1.31	0	2.298	0	33.713
LT7	B61	ENVE MAX	2.52	0	1.23	0	0.626	0	31.508
LT7	B61	ENVE MAX	3.115	0	3.45	0	0.626	0	36.114
LT7	B61	ENVE MAX	6.23	0	43.85	0	0.626	0	6.344
LT7	B61	ENVE MIN	0	0	-54.16	0	-0.66	0	-58.943
LT7	B61	ENVE MIN	2.52	0	-14.65	0	-0.66	0	10.824
LT7	B61	ENVE MIN	2.52	0	-13.44	0	-1.088	0	12.76
LT7	B61	ENVE MIN	3.115	0	-9.01	0	-1.088	0	13.655
LT7	B61	ENVE MIN	6.23	0	12.73	0	-1.088	0	-44.361
LT6	B61	ENVE MAX	0	0	-18.1	0	3.096	0	-4.226
LT6	B61	ENVE MAX	2.52	0	0.07	0	3.096	0	36.214
LT6	B61	ENVE MAX	2.52	0	4.4	0	1.055	0	32.342
LT6	B61	ENVE MAX	3.115	0	6.62	0	1.055	0	36.314
LT6	B61	ENVE MAX	6.23	0	47.26	0	1.055	0	15.055
LT6	B61	ENVE MIN	0	0	-54.89	0	-1.247	0	-62.481
LT6	B61	ENVE MIN	2.52	0	-15.38	0	-1.247	0	8.334
LT6	B61	ENVE MIN	2.52	0	-15.94	0	-1.656	0	11.154
LT6	B61	ENVE MIN	3.115	0	-11.51	0	-1.656	0	12.284
LT6	B61	ENVE MIN	6.23	0	9.99	0	-1.656	0	-56.34
LT5	B61	ENVE MAX	0	0	-17.12	0	3.939	0	-0.533
LT5	B61	ENVE MAX	2.52	0	1.06	0	3.939	0	37.516
LT5	B61	ENVE MAX	2.52	0	6.83	0	1.566	0	32.502
LT5	B61	ENVE MAX	3.115	0	9.05	0	1.566	0	35.474
LT5	B61	ENVE MAX	6.23	0	49.51	0	1.566	0	22.773
LT5	B61	ENVE MIN	0	0	-55.78	0	-1.979	0	-68.079
LT5	B61	ENVE MIN	2.52	0	-16.27	0	-1.979	0	4.911
LT5	B61	ENVE MIN	2.52	0	-18.83	0	-2.278	0	8.836
LT5	B61	ENVE MIN	3.115	0	-14.4	0	-2.278	0	11.236

LT5	B61	ENVE MIN	6.23	0	7.28	0	-2.278	0	-64.527
LT4	B61	ENVE MAX	0	0	-16.1	0	4.442	0	2.231
LT4	B61	ENVE MAX	2.52	0	2.08	0	4.442	0	37.885
LT4	B61	ENVE MAX	2.52	0	8.59	0	2.032	0	32.697
LT4	B61	ENVE MAX	3.115	0	10.81	0	2.032	0	37.041
LT4	B61	ENVE MAX	6.23	0	51.12	0	2.032	0	30.411
LT4	B61	ENVE MIN	0	0	-57.3	0	-2.657	0	-72.51
LT4	B61	ENVE MIN	2.52	0	-17.79	0	-2.657	0	4.119
LT4	B61	ENVE MIN	2.52	0	-21	0	-2.708	0	8.391
LT4	B61	ENVE MIN	3.115	0	-16.57	0	-2.708	0	9.664
LT4	B61	ENVE MIN	6.23	0	5.26	0	-2.708	0	-70.89
LT3	B61	ENVE MAX	0	0	-16.31	0	5.171	0	3.288
LT3	B61	ENVE MAX	2.52	0	1.87	0	5.171	0	39.613
LT3	B61	ENVE MAX	2.52	0	10.13	0	2.469	0	33.108
LT3	B61	ENVE MAX	3.115	0	12.35	0	2.469	0	34.707
LT3	B61	ENVE MAX	6.23	0	52.5	0	2.469	0	33.11
LT3	B61	ENVE MIN	0	0	-56.91	0	-3.279	0	-75.683
LT3	B61	ENVE MIN	2.52	0	-17.4	0	-3.279	0	-0.193
LT3	B61	ENVE MIN	2.52	0	-22.89	0	-3.294	0	5.177
LT3	B61	ENVE MIN	3.115	0	-18.46	0	-3.294	0	9.409
LT3	B61	ENVE MIN	6.23	0	3.52	0	-3.294	0	-75.059
LT2	B61	ENVE MAX	0	0	-16.73	0	5.418	0	2.904
LT2	B61	ENVE MAX	2.52	0	1.45	0	5.418	0	40.184
LT2	B61	ENVE MAX	2.52	0	10.55	0	2.644	0	33.219
LT2	B61	ENVE MAX	3.115	0	12.78	0	2.644	0	34.086
LT2	B61	ENVE MAX	6.23	0	52.78	0	2.644	0	33.8
LT2	B61	ENVE MIN	0	0	-56.63	0	-3.528	0	-76.974
LT2	B61	ENVE MIN	2.52	0	-17.12	0	-3.528	0	-2.074
LT2	B61	ENVE MIN	2.52	0	-23.68	0	-3.522	0	3.715
LT2	B61	ENVE MIN	3.115	0	-19.25	0	-3.522	0	8.894
LT2	B61	ENVE MIN	6.23	0	2.88	0	-3.522	0	-75.764
LT1	B61	ENVE MAX	0	0	-16.99	0	5.173	0	1.286
LT1	B61	ENVE MAX	2.52	0	1.18	0	5.173	0	38.665
LT1	B61	ENVE MAX	2.52	0	10	0	2.599	0	32.06
LT1	B61	ENVE MAX	3.115	0	12.22	0	2.599	0	33.916
LT1	B61	ENVE MAX	6.23	0	52.05	0	2.599	0	33.775
LT1	B61	ENVE MIN	0	0	-56.94	0	-3.472	0	-77.312
LT1	B61	ENVE MIN	2.52	0	-17.43	0	-3.472	0	-1.055
LT1	B61	ENVE MIN	2.52	0	-23.58	0	-3.447	0	4.57
LT1	B61	ENVE MIN	3.115	0	-19.15	0	-3.447	0	9.031
LT1	B61	ENVE MIN	6.23	0	3.15	0	-3.447	0	-74.343
BASEMENT	B61	ENVE MAX	0	0	-22.65	0	10.171	0	-1.486
BASEMENT	B61	ENVE MAX	2.52	0	-1.64	0	10.171	0	70.596
BASEMENT	B61	ENVE MAX	2.52	0	2	0	-0.933	0	67.108
BASEMENT	B61	ENVE MAX	3.115	0	7.24	0	-0.933	0	69.628
BASEMENT	B61	ENVE MAX	6.23	0	76.58	0	-0.933	0	-1.302
BASEMENT	B61	ENVE MIN	0	0	-75.55	0	1.486	0	-77.463

BASEMENT	B61	ENVE MIN	2.52	0	-28.7	0	1.486	0	22.566
BASEMENT	B61	ENVE MIN	2.52	0	-20.11	0	-6.981	0	22.149
BASEMENT	B61	ENVE MIN	3.115	0	-8.35	0	-6.981	0	25.547
BASEMENT	B61	ENVE MIN	6.23	0	23.15	0	-6.981	0	-79.128
LT7	B67	ENVE MAX	0	0	-16.91	0	0.517	0	-2.375
LT7	B67	ENVE MAX	3.1	0	21.2	0	0.517	0	25.141
LT7	B67	ENVE MAX	3.6	0	25.79	0	0.517	0	18.224
LT7	B67	ENVE MAX	3.6	0	2.18	0	1.524	0	22.537
LT7	B67	ENVE MAX	6.2	0	28.68	0	1.524	0	6.132
LT7	B67	ENVE MIN	0	0	-52.76	0	-0.159	0	-49.722
LT7	B67	ENVE MIN	3.1	0	1.67	0	-0.159	0	8.105
LT7	B67	ENVE MIN	3.6	0	3.9	0	-0.159	0	1.628
LT7	B67	ENVE MIN	3.6	0	-5	0	-2.842	0	3.345
LT7	B67	ENVE MIN	6.2	0	8.71	0	-2.842	0	-25.204
LT6	B67	ENVE MAX	0	0	-13.68	0	0.802	0	3.89
LT6	B67	ENVE MAX	3.1	0	25.27	0	0.802	0	22.622
LT6	B67	ENVE MAX	3.6	0	29.86	0	0.802	0	16.208
LT6	B67	ENVE MAX	3.6	0	3.66	0	1.84	0	22.877
LT6	B67	ENVE MAX	6.2	0	29.99	0	1.84	0	12.471
LT6	B67	ENVE MIN	0	0	-53.59	0	-0.457	0	-54.488
LT6	B67	ENVE MIN	3.1	0	-0.01	0	-0.457	0	4.714
LT6	B67	ENVE MIN	3.6	0	2.23	0	-0.457	0	-3.461
LT6	B67	ENVE MIN	3.6	0	-6.7	0	-3.356	0	-3.29
LT6	B67	ENVE MIN	6.2	0	7.17	0	-3.356	0	-37.25
LT5	B67	ENVE MAX	0	0	-11.96	0	0.999	0	7.442
LT5	B67	ENVE MAX	3.1	0	26.88	0	0.999	0	23.571
LT5	B67	ENVE MAX	3.6	0	31.47	0	0.999	0	17.718
LT5	B67	ENVE MAX	3.6	0	5.31	0	2.136	0	26.083
LT5	B67	ENVE MAX	6.2	0	31.67	0	2.136	0	18.836
LT5	B67	ENVE MIN	0	0	-55.59	0	-0.669	0	-59.369
LT5	B67	ENVE MIN	3.1	0	-1.9	0	-0.669	0	3.291
LT5	B67	ENVE MIN	3.6	0	0.34	0	-0.669	0	-5.307
LT5	B67	ENVE MIN	3.6	0	-8.25	0	-3.55	0	-6.562
LT5	B67	ENVE MIN	6.2	0	5.6	0	-3.55	0	-43.951
LT4	B67	ENVE MAX	0	0	-10.45	0	1.123	0	10.728
LT4	B67	ENVE MAX	3.1	0	28.19	0	1.123	0	25.886
LT4	B67	ENVE MAX	3.6	0	32.78	0	1.123	0	20.509
LT4	B67	ENVE MAX	3.6	0	6.57	0	2.215	0	30.056
LT4	B67	ENVE MAX	6.2	0	33.02	0	2.215	0	24.094
LT4	B67	ENVE MIN	0	0	-57.6	0	-0.738	0	-63.811
LT4	B67	ENVE MIN	3.1	0	-3.71	0	-0.738	0	1.377
LT4	B67	ENVE MIN	3.6	0	-1.48	0	-0.738	0	-7.446
LT4	B67	ENVE MIN	3.6	0	-9.22	0	-3.516	0	-9.786
LT4	B67	ENVE MIN	6.2	0	4.53	0	-3.516	0	-49.194
LT3	B67	ENVE MAX	0	0	-9.06	0	1.371	0	13.883
LT3	B67	ENVE MAX	3.1	0	30.07	0	1.371	0	23.689
LT3	B67	ENVE MAX	3.6	0	34.66	0	1.371	0	17.829

LT3	B67	ENVE MAX	3.6	0	6.56	0	1.988	0	28.291
LT3	B67	ENVE MAX	6.2	0	32.52	0	1.988	0	26.478
LT3	B67	ENVE MIN	0	0	-57.42	0	-1.09	0	-65.835
LT3	B67	ENVE MIN	3.1	0	-4.02	0	-1.09	0	-0.159
LT3	B67	ENVE MIN	3.6	0	-1.79	0	-1.09	0	-9.285
LT3	B67	ENVE MIN	3.6	0	-10.58	0	-3.057	0	-14.308
LT3	B67	ENVE MIN	6.2	0	3.67	0	-3.057	0	-54.314
LT2	B67	ENVE MAX	0	0	-9.88	0	1.571	0	12.513
LT2	B67	ENVE MAX	3.1	0	28.93	0	1.571	0	23.627
LT2	B67	ENVE MAX	3.6	0	33.52	0	1.571	0	17.147
LT2	B67	ENVE MAX	3.6	0	6.26	0	1.024	0	28.492
LT2	B67	ENVE MAX	6.2	0	32.1	0	1.024	0	26.167
LT2	B67	ENVE MIN	0	0	-57.54	0	-1.212	0	-66.941
LT2	B67	ENVE MIN	3.1	0	-3.81	0	-1.212	0	0.308
LT2	B67	ENVE MIN	3.6	0	-1.58	0	-1.212	0	-7.732
LT2	B67	ENVE MIN	3.6	0	-10.61	0	-2.141	0	-13.108
LT2	B67	ENVE MIN	6.2	0	3.76	0	-2.141	0	-51.746
LT1	B67	ENVE MAX	0	0	-10.69	0	1.511	0	9.645
LT1	B67	ENVE MAX	3.1	0	27.96	0	1.511	0	24.148
LT1	B67	ENVE MAX	3.6	0	32.55	0	1.511	0	17.404
LT1	B67	ENVE MAX	3.6	0	5.66	0	0.612	0	28.669
LT1	B67	ENVE MAX	6.2	0	31.55	0	0.612	0	24.073
LT1	B67	ENVE MIN	0	0	-57.12	0	-1.098	0	-65.213
LT1	B67	ENVE MIN	3.1	0	-3.23	0	-1.098	0	-0.135
LT1	B67	ENVE MIN	3.6	0	-1	0	-1.098	0	-7.714
LT1	B67	ENVE MIN	3.6	0	-9.86	0	-1.607	0	-12.857
LT1	B67	ENVE MIN	6.2	0	4.46	0	-1.607	0	-49.618
LT7	B68	ENVE MAX	0	0	-17.98	0	0.626	0	-17.143
LT7	B68	ENVE MAX	3.1	0	-1.35	0	0.626	0	32.524
LT7	B68	ENVE MAX	3.1	0	-0.95	0	1.387	0	33.033
LT7	B68	ENVE MAX	6.2	0	49.67	0	1.387	0	-0.412
LT7	B68	ENVE MIN	0	0	-42.93	0	-0.946	0	-46.278
LT7	B68	ENVE MIN	3.1	0	-7.91	0	-0.946	0	12.819
LT7	B68	ENVE MIN	3.1	0	-12.06	0	-1.438	0	10.209
LT7	B68	ENVE MIN	6.2	0	18.2	0	-1.438	0	-41.376
LT6	B68	ENVE MAX	0	0	-17.09	0	1.136	0	-15.332
LT6	B68	ENVE MAX	3.1	0	-0.46	0	1.136	0	32.407
LT6	B68	ENVE MAX	3.1	0	1.19	0	2.26	0	32.878
LT6	B68	ENVE MAX	6.2	0	52.03	0	2.26	0	4.756
LT6	B68	ENVE MIN	0	0	-43.17	0	-1.806	0	-47.989
LT6	B68	ENVE MIN	3.1	0	-8.15	0	-1.806	0	11.023
LT6	B68	ENVE MIN	3.1	0	-13.56	0	-1.879	0	8.102
LT6	B68	ENVE MIN	6.2	0	16.47	0	-1.879	0	-50.77
LT5	B68	ENVE MAX	0	0	-16.1	0	1.667	0	-13.3
LT5	B68	ENVE MAX	3.1	0	0.53	0	1.667	0	33.424
LT5	B68	ENVE MAX	3.1	0	3.48	0	2.843	0	33.731
LT5	B68	ENVE MAX	6.2	0	54.37	0	2.843	0	11.817

LT5	B68	ENVE MIN	0	0	-44.56	0	-2.341	0	-51.849
LT5	B68	ENVE MIN	3.1	0	-9.54	0	-2.341	0	9.41
LT5	B68	ENVE MIN	3.1	0	-15.71	0	-2.428	0	6.431
LT5	B68	ENVE MIN	6.2	0	14.28	0	-2.428	0	-59.097
LT4	B68	ENVE MAX	0	0	-15.48	0	2.139	0	-11.683
LT4	B68	ENVE MAX	3.1	0	1.15	0	2.139	0	34.223
LT4	B68	ENVE MAX	3.1	0	4.96	0	3.29	0	35.762
LT4	B68	ENVE MAX	6.2	0	55.56	0	3.29	0	19.545
LT4	B68	ENVE MIN	0	0	-45.87	0	-2.675	0	-55.798
LT4	B68	ENVE MIN	3.1	0	-10.85	0	-2.675	0	8.411
LT4	B68	ENVE MIN	3.1	0	-17.96	0	-2.911	0	4.412
LT4	B68	ENVE MIN	6.2	0	12.31	0	-2.911	0	-64.422
LT3	B68	ENVE MAX	0	0	-14.61	0	2.462	0	-9.641
LT3	B68	ENVE MAX	3.1	0	2.02	0	2.462	0	34.722
LT3	B68	ENVE MAX	3.1	0	7.15	0	3.676	0	34.502
LT3	B68	ENVE MAX	6.2	0	57.74	0	3.676	0	24.568
LT3	B68	ENVE MIN	0	0	-47.28	0	-3.055	0	-60.721
LT3	B68	ENVE MIN	3.1	0	-12.26	0	-3.055	0	6.718
LT3	B68	ENVE MIN	3.1	0	-20.16	0	-3.134	0	4.22
LT3	B68	ENVE MIN	6.2	0	10.13	0	-3.134	0	-70.901
LT2	B68	ENVE MAX	0	0	-14.09	0	2.594	0	-7.838
LT2	B68	ENVE MAX	3.1	0	2.54	0	2.594	0	35.522
LT2	B68	ENVE MAX	3.1	0	8.11	0	3.799	0	34.524
LT2	B68	ENVE MAX	6.2	0	58.62	0	3.799	0	26.715
LT2	B68	ENVE MIN	0	0	-48.19	0	-3.165	0	-64.257
LT2	B68	ENVE MIN	3.1	0	-13.17	0	-3.165	0	5.398
LT2	B68	ENVE MIN	3.1	0	-21.29	0	-3.196	0	3.628
LT2	B68	ENVE MIN	6.2	0	9.08	0	-3.196	0	-73.072
LT1	B68	ENVE MAX	0	0	-14.49	0	2.6	0	-8.544
LT1	B68	ENVE MAX	3.1	0	2.14	0	2.6	0	34.795
LT1	B68	ENVE MAX	3.1	0	7.53	0	3.721	0	34.282
LT1	B68	ENVE MAX	6.2	0	57.74	0	3.721	0	27.059
LT1	B68	ENVE MIN	0	0	-48.51	0	-3.015	0	-66.176
LT1	B68	ENVE MIN	3.1	0	-13.49	0	-3.015	0	5.72
LT1	B68	ENVE MIN	3.1	0	-21.54	0	-3.156	0	3.685
LT1	B68	ENVE MIN	6.2	0	9.13	0	-3.156	0	-71.01
LT7	B68	ENVE MAX	0	0	-17.98	0	0.626	0	-17.143
LT7	B68	ENVE MAX	3.1	0	-1.35	0	0.626	0	32.524
LT7	B68	ENVE MAX	3.1	0	-0.95	0	1.387	0	33.033
LT7	B68	ENVE MAX	6.2	0	49.67	0	1.387	0	-0.412
LT7	B68	ENVE MIN	0	0	-42.93	0	-0.946	0	-46.278
LT7	B68	ENVE MIN	3.1	0	-7.91	0	-0.946	0	12.819
LT7	B68	ENVE MIN	3.1	0	-12.06	0	-1.438	0	10.209
LT7	B68	ENVE MIN	6.2	0	18.2	0	-1.438	0	-41.376
LT6	B68	ENVE MAX	0	0	-17.09	0	1.136	0	-15.332
LT6	B68	ENVE MAX	3.1	0	-0.46	0	1.136	0	32.407
LT6	B68	ENVE MAX	3.1	0	1.19	0	2.26	0	32.878

LT6	B68	ENVE MAX	6.2	0	52.03	0	2.26	0	4.756
LT6	B68	ENVE MIN	0	0	-43.17	0	-1.806	0	-47.989
LT6	B68	ENVE MIN	3.1	0	-8.15	0	-1.806	0	11.023
LT6	B68	ENVE MIN	3.1	0	-13.56	0	-1.879	0	8.102
LT6	B68	ENVE MIN	6.2	0	16.47	0	-1.879	0	-50.77
LT5	B68	ENVE MAX	0	0	-16.1	0	1.667	0	-13.3
LT5	B68	ENVE MAX	3.1	0	0.53	0	1.667	0	33.424
LT5	B68	ENVE MAX	3.1	0	3.48	0	2.843	0	33.731
LT5	B68	ENVE MAX	6.2	0	54.37	0	2.843	0	11.817
LT5	B68	ENVE MIN	0	0	-44.56	0	-2.341	0	-51.849
LT5	B68	ENVE MIN	3.1	0	-9.54	0	-2.341	0	9.41
LT5	B68	ENVE MIN	3.1	0	-15.71	0	-2.428	0	6.431
LT5	B68	ENVE MIN	6.2	0	14.28	0	-2.428	0	-59.097
LT4	B68	ENVE MAX	0	0	-15.48	0	2.139	0	-11.683
LT4	B68	ENVE MAX	3.1	0	1.15	0	2.139	0	34.223
LT4	B68	ENVE MAX	3.1	0	4.96	0	3.29	0	35.762
LT4	B68	ENVE MAX	6.2	0	55.56	0	3.29	0	19.545
LT4	B68	ENVE MIN	0	0	-45.87	0	-2.675	0	-55.798
LT4	B68	ENVE MIN	3.1	0	-10.85	0	-2.675	0	8.411
LT4	B68	ENVE MIN	3.1	0	-17.96	0	-2.911	0	4.412
LT4	B68	ENVE MIN	6.2	0	12.31	0	-2.911	0	-64.422
LT3	B68	ENVE MAX	0	0	-14.61	0	2.462	0	-9.641
LT3	B68	ENVE MAX	3.1	0	2.02	0	2.462	0	34.722
LT3	B68	ENVE MAX	3.1	0	7.15	0	3.676	0	34.502
LT3	B68	ENVE MAX	6.2	0	57.74	0	3.676	0	24.568
LT3	B68	ENVE MIN	0	0	-47.28	0	-3.055	0	-60.721
LT3	B68	ENVE MIN	3.1	0	-12.26	0	-3.055	0	6.718
LT3	B68	ENVE MIN	3.1	0	-20.16	0	-3.134	0	4.22
LT3	B68	ENVE MIN	6.2	0	10.13	0	-3.134	0	-70.901
LT2	B68	ENVE MAX	0	0	-14.09	0	2.594	0	-7.838
LT2	B68	ENVE MAX	3.1	0	2.54	0	2.594	0	35.522
LT2	B68	ENVE MAX	3.1	0	8.11	0	3.799	0	34.524
LT2	B68	ENVE MAX	6.2	0	58.62	0	3.799	0	26.715
LT2	B68	ENVE MIN	0	0	-48.19	0	-3.165	0	-64.257
LT2	B68	ENVE MIN	3.1	0	-13.17	0	-3.165	0	5.398
LT2	B68	ENVE MIN	3.1	0	-21.29	0	-3.196	0	3.628
LT2	B68	ENVE MIN	6.2	0	9.08	0	-3.196	0	-73.072
LT1	B68	ENVE MAX	0	0	-14.49	0	2.6	0	-8.544
LT1	B68	ENVE MAX	3.1	0	2.14	0	2.6	0	34.795
LT1	B68	ENVE MAX	3.1	0	7.53	0	3.721	0	34.282
LT1	B68	ENVE MAX	6.2	0	57.74	0	3.721	0	27.059
LT1	B68	ENVE MIN	0	0	-48.51	0	-3.015	0	-66.176
LT1	B68	ENVE MIN	3.1	0	-13.49	0	-3.015	0	5.72
LT1	B68	ENVE MIN	3.1	0	-21.54	0	-3.156	0	3.685
LT1	B68	ENVE MIN	6.2	0	9.13	0	-3.156	0	-71.01

Lampiran 24. Output ETABS Balok 30 x 50

Story	Beam	Load	Loc	P	V2	V3	T	M2	M3
LT7	B27	ENVE MAX	0	0	13.65	0	2.952	0	70.573
LT7	B27	ENVE MAX	2.275	0	45.47	0	2.952	0	48.353
LT7	B27	ENVE MAX	4.55	0	104.57	0	2.952	0	66.046
LT7	B27	ENVE MIN	0	0	-88.84	0	-1.682	0	-99.299
LT7	B27	ENVE MIN	2.275	0	-34.26	0	-1.682	0	13.844
LT7	B27	ENVE MIN	4.55	0	-6.97	0	-1.682	0	-145.767
LT6	B27	ENVE MAX	0	0	58.32	0	1.542	0	159.257
LT6	B27	ENVE MAX	2.275	0	96.3	0	1.542	0	39.032
LT6	B27	ENVE MAX	4.55	0	155.39	0	1.542	0	144.549
LT6	B27	ENVE MIN	0	0	-117.58	0	-0.171	0	-173.995
LT6	B27	ENVE MIN	2.275	0	-69.16	0	-0.171	0	0.921
LT6	B27	ENVE MIN	4.55	0	-41.87	0	-0.171	0	-282.747
LT5	B27	ENVE MAX	0	0	87.87	0	1.126	0	228.166
LT5	B27	ENVE MAX	2.275	0	126.4	0	1.126	0	39.239
LT5	B27	ENVE MAX	4.55	0	185.5	0	1.126	0	209.077
LT5	B27	ENVE MIN	0	0	-145.56	0	-0.275	0	-237.46
LT5	B27	ENVE MIN	2.275	0	-97.7	0	-0.275	0	2.597
LT5	B27	ENVE MIN	4.55	0	-70.4	0	-0.275	0	-348.952
LT4	B27	ENVE MAX	0	0	109.28	0	1.444	0	272.362
LT4	B27	ENVE MAX	2.275	0	144.03	0	1.444	0	43.06
LT4	B27	ENVE MAX	4.55	0	203.13	0	1.444	0	276.432
LT4	B27	ENVE MIN	0	0	-177.16	0	-0.526	0	-305.531
LT4	B27	ENVE MIN	2.275	0	-125.53	0	-0.526	0	-1.916
LT4	B27	ENVE MIN	4.55	0	-98.23	0	-0.526	0	-393.815
LT3	B27	ENVE MAX	0	0	129.78	0	1.121	0	325.335
LT3	B27	ENVE MAX	2.275	0	164.49	0	1.121	0	36.548
LT3	B27	ENVE MAX	4.55	0	223.59	0	1.121	0	316.682
LT3	B27	ENVE MIN	0	0	-197.67	0	-0.688	0	-358.687
LT3	B27	ENVE MIN	2.275	0	-145.98	0	-0.688	0	4.418
LT3	B27	ENVE MIN	4.55	0	-118.69	0	-0.688	0	-434.241
LT2	B27	ENVE MAX	0	0	137.97	0	1.039	0	347.295
LT2	B27	ENVE MAX	2.275	0	172.01	0	1.039	0	33.138
LT2	B27	ENVE MAX	4.55	0	231.1	0	1.039	0	333.932
LT2	B27	ENVE MIN	0	0	-207.38	0	-0.799	0	-384.187
LT2	B27	ENVE MIN	2.275	0	-155.03	0	-0.799	0	7.753
LT2	B27	ENVE MIN	4.55	0	-127.73	0	-0.799	0	-448.1
LT1	B27	ENVE MAX	0	0	134.46	0	1.117	0	337.245
LT1	B27	ENVE MAX	2.275	0	165.17	0	1.117	0	35.166
LT1	B27	ENVE MAX	4.55	0	224.27	0	1.117	0	340.145
LT1	B27	ENVE MIN	0	0	-212.56	0	-0.958	0	-393.94
LT1	B27	ENVE MIN	2.275	0	-156.88	0	-0.958	0	5.688
LT1	B27	ENVE MIN	4.55	0	-129.58	0	-0.958	0	-434.585
BASEMENT	B28	ENVE MAX	0	0	56.74	0	1.047	0	169.681
BASEMENT	B28	ENVE MAX	2.275	0	84.54	0	1.047	0	32.208
BASEMENT	B28	ENVE MAX	4.55	0	145.46	0	1.047	0	164.638
BASEMENT	B28	ENVE MIN	0	0	-145.11	0	-0.526	0	-248.952

BASEMENT	B28	ENVE MIN	2.275	0	-84.25	0	-0.526	0	11.026
BASEMENT	B28	ENVE MIN	4.55	0	-56.51	0	-0.526	0	-245.221
ATAP	B42	ENVE MAX	0	0	-13.49	0	-8.583	0	37.641
ATAP	B42	ENVE MAX	3.1	0	7.48	0	-8.583	0	88.676
ATAP	B42	ENVE MAX	3.1	0	52.79	0	18.852	0	89.776
ATAP	B42	ENVE MAX	6.2	0	93.72	0	18.852	0	13.731
ATAP	B42	ENVE MIN	0	0	-87.82	0	-31.965	0	-134.581
ATAP	B42	ENVE MIN	3.1	0	-46.89	0	-31.965	0	32.516
ATAP	B42	ENVE MIN	3.1	0	-4.56	0	5.225	0	32.102
ATAP	B42	ENVE MIN	6.2	0	16.41	0	5.225	0	-137.321
LT7	B42	ENVE MAX	0	0	-30.5	0	5.105	0	0.485
LT7	B42	ENVE MAX	3.1	0	0.94	0	5.105	0	99.038
LT7	B42	ENVE MAX	3.1	0	64.93	0	4.097	0	101.223
LT7	B42	ENVE MAX	6.2	0	131.81	0	4.097	0	26.798
LT7	B42	ENVE MIN	0	0	-141.35	0	-9.343	0	-244.06
LT7	B42	ENVE MIN	3.1	0	-74.47	0	-9.343	0	37.725
LT7	B42	ENVE MIN	3.1	0	-11.94	0	-14.897	0	38.023
LT7	B42	ENVE MIN	6.2	0	19.5	0	-14.897	0	-204.204
LT6	B42	ENVE MAX	0	0	-15.66	0	11.834	0	49.962
LT6	B42	ENVE MAX	3.1	0	15.78	0	11.834	0	104.359
LT6	B42	ENVE MAX	3.1	0	82.49	0	10.659	0	106.764
LT6	B42	ENVE MAX	6.2	0	149.38	0	10.659	0	68.579
LT6	B42	ENVE MIN	0	0	-148.96	0	-12.281	0	-268.868
LT6	B42	ENVE MIN	3.1	0	-82.07	0	-12.281	0	34.665
LT6	B42	ENVE MIN	3.1	0	-26.03	0	-21.996	0	34.981
LT6	B42	ENVE MIN	6.2	0	5.41	0	-21.996	0	-254.276
LT5	B42	ENVE MAX	0	0	-0.58	0	17.484	0	99.279
LT5	B42	ENVE MAX	3.1	0	30.86	0	17.484	0	107.553
LT5	B42	ENVE MAX	3.1	0	101.33	0	17.038	0	110.571
LT5	B42	ENVE MAX	6.2	0	168.22	0	17.038	0	121.09
LT5	B42	ENVE MIN	0	0	-163.12	0	-16.636	0	-315.106
LT5	B42	ENVE MIN	3.1	0	-96.23	0	-16.636	0	31.677
LT5	B42	ENVE MIN	3.1	0	-43.94	0	-26.623	0	31.321
LT5	B42	ENVE MIN	6.2	0	-12.5	0	-26.623	0	-309.516
LT4	B42	ENVE MAX	0	0	9.94	0	21.061	0	135.243
LT4	B42	ENVE MAX	3.1	0	41.38	0	21.061	0	111.925
LT4	B42	ENVE MAX	3.1	0	116.43	0	20.913	0	115.589
LT4	B42	ENVE MAX	6.2	0	183.32	0	20.913	0	157.964
LT4	B42	ENVE MIN	0	0	-173.87	0	-20.108	0	-350.447
LT4	B42	ENVE MIN	3.1	0	-106.99	0	-20.108	0	28.655
LT4	B42	ENVE MIN	3.1	0	-56.75	0	-30.943	0	27.979
LT4	B42	ENVE MIN	6.2	0	-25.31	0	-30.943	0	-351.804
LT3	B42	ENVE MAX	0	0	25.71	0	26.576	0	183.877
LT3	B42	ENVE MAX	3.1	0	57.15	0	26.576	0	112.339
LT3	B42	ENVE MAX	3.1	0	133.59	0	25.998	0	116.906
LT3	B42	ENVE MAX	6.2	0	200.48	0	25.998	0	207.436
LT3	B42	ENVE MIN	0	0	-188.21	0	-23.507	0	-393.594

LT3	B42	ENVE MIN	3.1	0	-121.32	0	-23.507	0	29.301
LT3	B42	ENVE MIN	3.1	0	-72.64	0	-34.362	0	27.653
LT3	B42	ENVE MIN	6.2	0	-41.2	0	-34.362	0	-404.226
LT2	B42	ENVE MAX	0	0	33.33	0	29.43	0	205.162
LT2	B42	ENVE MAX	3.1	0	64.77	0	29.43	0	110.367
LT2	B42	ENVE MAX	3.1	0	139.81	0	27.901	0	115.75
LT2	B42	ENVE MAX	6.2	0	206.7	0	27.901	0	225.487
LT2	B42	ENVE MIN	0	0	-195.45	0	-25.011	0	-413.034
LT2	B42	ENVE MIN	3.1	0	-128.56	0	-25.011	0	31.936
LT2	B42	ENVE MIN	3.1	0	-77.72	0	-35.349	0	29.668
LT2	B42	ENVE MIN	6.2	0	-46.28	0	-35.349	0	-424.982
LT1	B42	ENVE MAX	0	0	29.92	0	28.289	0	195.676
LT1	B42	ENVE MAX	3.1	0	61.36	0	28.289	0	111.78
LT1	B42	ENVE MAX	3.1	0	137.34	0	27.281	0	117.393
LT1	B42	ENVE MAX	6.2	0	204.23	0	27.281	0	212.502
LT1	B42	ENVE MIN	0	0	-191.78	0	-23.987	0	-400.618
LT1	B42	ENVE MIN	3.1	0	-124.89	0	-23.987	0	32.636
LT1	B42	ENVE MIN	3.1	0	-73.31	0	-34.848	0	30.483
LT1	B42	ENVE MIN	6.2	0	-41.87	0	-34.848	0	-415.509
BASEMENT	B42	ENVE MAX	0	0	-1.3	0	0.78	0	81.378
BASEMENT	B42	ENVE MAX	3.1	0	44.16	0	0.78	0	70.873
BASEMENT	B42	ENVE MAX	6.2	0	145	0	0.78	0	79.801
BASEMENT	B42	ENVE MIN	0	0	-143.93	0	-1.881	0	-256.872
BASEMENT	B42	ENVE MIN	3.1	0	-43.37	0	-1.881	0	30.371
BASEMENT	B42	ENVE MIN	6.2	0	1.82	0	-1.881	0	-260.224
ATAP	B43	ENVE MAX	0	0	-20.58	0	-4.84	0	-0.166
ATAP	B43	ENVE MAX	3.1	0	0.39	0	-4.84	0	83.86
ATAP	B43	ENVE MAX	3.1	0	44.27	0	28.868	0	84.111
ATAP	B43	ENVE MAX	6.2	0	85.2	0	28.868	0	14.604
ATAP	B43	ENVE MIN	0	0	-86.14	0	-24.381	0	-119.73
ATAP	B43	ENVE MIN	3.1	0	-45.21	0	-24.381	0	31.128
ATAP	B43	ENVE MIN	3.1	0	-0.92	0	6.012	0	31.199
ATAP	B43	ENVE MIN	6.2	0	20.05	0	6.012	0	-129.633
LT7	B43	ENVE MAX	0	0	-27.84	0	6.85	0	14.425
LT7	B43	ENVE MAX	3.1	0	3.52	0	6.85	0	136.573
LT7	B43	ENVE MAX	3.1	0	81.16	0	9.612	0	136.702
LT7	B43	ENVE MAX	6.2	0	147.86	0	9.612	0	15.447
LT7	B43	ENVE MIN	0	0	-142.77	0	-7.867	0	-202.971
LT7	B43	ENVE MIN	3.1	0	-76.07	0	-7.867	0	51.773
LT7	B43	ENVE MIN	3.1	0	0.82	0	-8.034	0	54.024
LT7	B43	ENVE MIN	6.2	0	32.18	0	-8.034	0	-230.838
LT6	B43	ENVE MAX	0	0	-10.66	0	12.783	0	61.174
LT6	B43	ENVE MAX	3.1	0	20.7	0	12.783	0	130.788
LT6	B43	ENVE MAX	3.1	0	97.44	0	16.36	0	130.414
LT6	B43	ENVE MAX	6.2	0	164.14	0	16.36	0	50.446
LT6	B43	ENVE MIN	0	0	-152.33	0	-13.879	0	-238.038
LT6	B43	ENVE MIN	3.1	0	-85.62	0	-13.879	0	45.612

LT6	B43	ENVE MIN	3.1	0	-11.31	0	-14.245	0	48.132
LT6	B43	ENVE MIN	6.2	0	20.06	0	-14.245	0	-290.912
LT5	B43	ENVE MAX	0	0	7.41	0	17.725	0	114.04
LT5	B43	ENVE MAX	3.1	0	38.77	0	17.725	0	130.238
LT5	B43	ENVE MAX	3.1	0	114.93	0	22.113	0	129.143
LT5	B43	ENVE MAX	6.2	0	181.63	0	22.113	0	98.329
LT5	B43	ENVE MIN	0	0	-169.13	0	-19.609	0	-290.68
LT5	B43	ENVE MIN	3.1	0	-102.43	0	-19.609	0	42.458
LT5	B43	ENVE MIN	3.1	0	-27.33	0	-19.514	0	45.797
LT5	B43	ENVE MIN	6.2	0	4.03	0	-19.514	0	-346.946
LT4	B43	ENVE MAX	0	0	20.74	0	21.898	0	152.437
LT4	B43	ENVE MAX	3.1	0	52.1	0	21.898	0	136.459
LT4	B43	ENVE MAX	3.1	0	127.17	0	25.586	0	134.591
LT4	B43	ENVE MAX	6.2	0	193.87	0	25.586	0	149.496
LT4	B43	ENVE MIN	0	0	-187.5	0	-22.819	0	-341.403
LT4	B43	ENVE MIN	3.1	0	-120.8	0	-22.819	0	39.534
LT4	B43	ENVE MIN	3.1	0	-42.81	0	-23.764	0	43.39
LT4	B43	ENVE MIN	6.2	0	-11.45	0	-23.764	0	-385.035
LT3	B43	ENVE MAX	0	0	36.1	0	25.497	0	199.982
LT3	B43	ENVE MAX	3.1	0	67.46	0	25.497	0	130.754
LT3	B43	ENVE MAX	3.1	0	141.37	0	29.603	0	128.25
LT3	B43	ENVE MAX	6.2	0	208.08	0	29.603	0	183.873
LT3	B43	ENVE MIN	0	0	-201.75	0	-26.899	0	-391.266
LT3	B43	ENVE MIN	3.1	0	-135.04	0	-26.899	0	39.463
LT3	B43	ENVE MIN	3.1	0	-55.62	0	-27.641	0	44.014
LT3	B43	ENVE MIN	6.2	0	-24.26	0	-27.641	0	-429.436
LT2	B43	ENVE MAX	0	0	41.87	0	26.896	0	218.814
LT2	B43	ENVE MAX	3.1	0	73.24	0	26.896	0	128.089
LT2	B43	ENVE MAX	3.1	0	146.58	0	31.191	0	127.35
LT2	B43	ENVE MAX	6.2	0	213.29	0	31.191	0	197.811
LT2	B43	ENVE MIN	0	0	-208.35	0	-28.534	0	-414.405
LT2	B43	ENVE MIN	3.1	0	-141.65	0	-28.534	0	40.394
LT2	B43	ENVE MIN	3.1	0	-61.05	0	-29.201	0	43.142
LT2	B43	ENVE MIN	6.2	0	-29.68	0	-29.201	0	-444.487
LT1	B43	ENVE MAX	0	0	38.25	0	26.606	0	207.349
LT1	B43	ENVE MAX	3.1	0	69.62	0	26.606	0	130.79
LT1	B43	ENVE MAX	3.1	0	142.8	0	30.411	0	129.434
LT1	B43	ENVE MAX	6.2	0	209.51	0	30.411	0	199.071
LT1	B43	ENVE MIN	0	0	-210.19	0	-27.61	0	-417.405
LT1	B43	ENVE MIN	3.1	0	-143.49	0	-27.61	0	40.154
LT1	B43	ENVE MIN	3.1	0	-60.9	0	-29.036	0	43.265
LT1	B43	ENVE MIN	6.2	0	-29.54	0	-29.036	0	-432.273
BASEMENT	B43	ENVE MAX	0	0	-7.59	0	-1.231	0	70.163
BASEMENT	B43	ENVE MAX	3.1	0	29.32	0	-1.231	0	104.938
BASEMENT	B43	ENVE MAX	3.1	0	83.35	0	39.619	0	113.932
BASEMENT	B43	ENVE MAX	6.2	0	164.87	0	39.619	0	76.673
BASEMENT	B43	ENVE MIN	0	0	-156.13	0	-37.844	0	-273.965

BASEMENT	B43	ENVE MIN	3.1	0	-75.29	0	-37.844	0	39.567
BASEMENT	B43	ENVE MIN	3.1	0	-31.12	0	0.255	0	42.229
BASEMENT	B43	ENVE MIN	6.2	0	6.06	0	0.255	0	-289.698
ATAP	B60	ENVE MAX	0	0	-17.14	0	2.261	0	32.048
ATAP	B60	ENVE MAX	3.115	0	17.32	0	2.261	0	77.809
ATAP	B60	ENVE MAX	6.23	0	87.7	0	2.261	0	31.4
ATAP	B60	ENVE MIN	0	0	-89.25	0	-0.954	0	-109.718
ATAP	B60	ENVE MIN	3.115	0	-18.67	0	-0.954	0	34.482
ATAP	B60	ENVE MIN	6.23	0	16	0	-0.954	0	-100.648
LT7	B60	ENVE MAX	0	0	-21.79	0	11.561	0	35.461
LT7	B60	ENVE MAX	2.52	0	1.67	0	11.561	0	127.329
LT7	B60	ENVE MAX	2.52	0	20.78	0	-11.075	0	128.198
LT7	B60	ENVE MAX	2.6	0	21.16	0	-11.075	0	128.812
LT7	B60	ENVE MAX	2.6	0	68.78	0	8.825	0	135.939
LT7	B60	ENVE MAX	3.115	0	74.28	0	8.825	0	109.173
LT7	B60	ENVE MAX	6.23	0	127.17	0	8.825	0	53.841
LT7	B60	ENVE MIN	0	0	-161.67	0	-11.915	0	-232.07
LT7	B60	ENVE MIN	2.52	0	-112.27	0	-11.915	0	47.357
LT7	B60	ENVE MIN	2.52	0	-70.47	0	-52.701	0	46.808
LT7	B60	ENVE MIN	2.6	0	-69.77	0	-52.701	0	50.125
LT7	B60	ENVE MIN	2.6	0	-16.55	0	-9.839	0	44.014
LT7	B60	ENVE MIN	3.115	0	-13.7	0	-9.839	0	41.87
LT7	B60	ENVE MIN	6.23	0	11.85	0	-9.839	0	-221.003
LT6	B60	ENVE MAX	0	0	2.52	0	18.031	0	102.55
LT6	B60	ENVE MAX	2.52	0	25.98	0	18.031	0	134.153
LT6	B60	ENVE MAX	2.52	0	44.11	0	-5.357	0	135.825
LT6	B60	ENVE MAX	2.6	0	44.49	0	-5.357	0	134.027
LT6	B60	ENVE MAX	2.6	0	92.56	0	14.993	0	144.7
LT6	B60	ENVE MAX	3.115	0	98.06	0	14.993	0	109.31
LT6	B60	ENVE MAX	6.23	0	150.95	0	14.993	0	109.478
LT6	B60	ENVE MIN	0	0	-180.76	0	-18.955	0	-287.01
LT6	B60	ENVE MIN	2.52	0	-131.36	0	-18.955	0	39.534
LT6	B60	ENVE MIN	2.52	0	-89.23	0	-58.888	0	38.533
LT6	B60	ENVE MIN	2.6	0	-88.53	0	-58.888	0	43.897
LT6	B60	ENVE MIN	2.6	0	-34.59	0	-13.971	0	34.346
LT6	B60	ENVE MIN	3.115	0	-31.73	0	-13.971	0	37.866
LT6	B60	ENVE MIN	6.23	0	-6.18	0	-13.971	0	-298.405
LT5	B60	ENVE MAX	0	0	21.24	0	25.942	0	154.101
LT5	B60	ENVE MAX	2.52	0	44.7	0	25.942	0	137.962
LT5	B60	ENVE MAX	2.52	0	62.16	0	0.255	0	140.113
LT5	B60	ENVE MAX	2.6	0	62.54	0	0.255	0	137.082
LT5	B60	ENVE MAX	2.6	0	109.06	0	21.27	0	150.188
LT5	B60	ENVE MAX	3.115	0	114.56	0	21.27	0	107.816
LT5	B60	ENVE MAX	6.23	0	167.45	0	21.27	0	158.986
LT5	B60	ENVE MIN	0	0	-201.32	0	-27.395	0	-349.216
LT5	B60	ENVE MIN	2.52	0	-151.91	0	-27.395	0	29.689
LT5	B60	ENVE MIN	2.52	0	-108.72	0	-66.857	0	28.213

LT5	B60	ENVE MIN	2.6	0	-108.02	0	-66.857	0	34.924
LT5	B60	ENVE MIN	2.6	0	-51.7	0	-19.585	0	22.872
LT5	B60	ENVE MIN	3.115	0	-48.84	0	-19.585	0	33.69
LT5	B60	ENVE MIN	6.23	0	-23.29	0	-19.585	0	-351.673
LT4	B60	ENVE MAX	0	0	35.78	0	32.074	0	193.303
LT4	B60	ENVE MAX	2.52	0	59.24	0	32.074	0	142.556
LT4	B60	ENVE MAX	2.52	0	76.85	0	3.552	0	144.998
LT4	B60	ENVE MAX	2.6	0	77.23	0	3.552	0	140.991
LT4	B60	ENVE MAX	2.6	0	122.47	0	25.562	0	156.1
LT4	B60	ENVE MAX	3.115	0	127.98	0	25.562	0	112.768
LT4	B60	ENVE MAX	6.23	0	180.87	0	25.562	0	207.784
LT4	B60	ENVE MIN	0	0	-218.24	0	-33.672	0	-392.761
LT4	B60	ENVE MIN	2.52	0	-168.84	0	-33.672	0	26.751
LT4	B60	ENVE MIN	2.52	0	-125.1	0	-72.631	0	24.846
LT4	B60	ENVE MIN	2.6	0	-124.39	0	-72.631	0	32.669
LT4	B60	ENVE MIN	2.6	0	-66.3	0	-23.954	0	18.681
LT4	B60	ENVE MIN	3.115	0	-63.44	0	-23.954	0	31.066
LT4	B60	ENVE MIN	6.23	0	-37.89	0	-23.954	0	-394.467
LT3	B60	ENVE MAX	0	0	47.11	0	38.903	0	227.634
LT3	B60	ENVE MAX	2.52	0	70.57	0	38.903	0	146.075
LT3	B60	ENVE MAX	2.52	0	87.22	0	7.677	0	148.839
LT3	B60	ENVE MAX	2.6	0	87.6	0	7.677	0	144.162
LT3	B60	ENVE MAX	2.6	0	131.65	0	31.346	0	160.708
LT3	B60	ENVE MAX	3.115	0	137.15	0	31.346	0	107.248
LT3	B60	ENVE MAX	6.23	0	190.04	0	31.346	0	225.1
LT3	B60	ENVE MIN	0	0	-230.24	0	-41.097	0	-435.798
LT3	B60	ENVE MIN	2.52	0	-180.84	0	-41.097	0	16.217
LT3	B60	ENVE MIN	2.52	0	-135.59	0	-80.233	0	14.046
LT3	B60	ENVE MIN	2.6	0	-134.89	0	-80.233	0	22.549
LT3	B60	ENVE MIN	2.6	0	-74.08	0	-28.697	0	7.759
LT3	B60	ENVE MIN	3.115	0	-71.22	0	-28.697	0	29.555
LT3	B60	ENVE MIN	6.23	0	-45.67	0	-28.697	0	-423.158
LT2	B60	ENVE MAX	0	0	49.95	0	41.039	0	238.086
LT2	B60	ENVE MAX	2.52	0	73.41	0	41.039	0	147.419
LT2	B60	ENVE MAX	2.52	0	89.72	0	7.472	0	150.283
LT2	B60	ENVE MAX	2.6	0	90.1	0	7.472	0	145.474
LT2	B60	ENVE MAX	2.6	0	133.24	0	33.063	0	161.445
LT2	B60	ENVE MAX	3.115	0	138.75	0	33.063	0	103.395
LT2	B60	ENVE MAX	6.23	0	191.64	0	33.063	0	230.353
LT2	B60	ENVE MIN	0	0	-235.03	0	-43.374	0	-454.035
LT2	B60	ENVE MIN	2.52	0	-185.63	0	-43.374	0	12
LT2	B60	ENVE MIN	2.52	0	-139.66	0	-81.902	0	9.708
LT2	B60	ENVE MIN	2.6	0	-138.95	0	-81.902	0	18.468
LT2	B60	ENVE MIN	2.6	0	-76.36	0	-30.092	0	3.742
LT2	B60	ENVE MIN	3.115	0	-73.51	0	-30.092	0	30.483
LT2	B60	ENVE MIN	6.23	0	-47.96	0	-30.092	0	-429.182

LT1	B60	ENVE MAX	0	0	46.36	0	39.721	0	227.399
LT1	B60	ENVE MAX	2.52	0	69.82	0	39.721	0	145.933
LT1	B60	ENVE MAX	2.52	0	86.71	0	4.882	0	148.664
LT1	B60	ENVE MAX	2.6	0	87.09	0	4.882	0	144.129
LT1	B60	ENVE MAX	2.6	0	130.59	0	31.819	0	159.354
LT1	B60	ENVE MAX	3.115	0	136.09	0	31.819	0	105.051
LT1	B60	ENVE MAX	6.23	0	188.98	0	31.819	0	229.337
LT1	B60	ENVE MIN	0	0	-234.65	0	-41.882	0	-450.476
LT1	B60	ENVE MIN	2.52	0	-185.24	0	-41.882	0	14.429
LT1	B60	ENVE MIN	2.52	0	-139.13	0	-81.762	0	12.114
LT1	B60	ENVE MIN	2.6	0	-138.43	0	-81.762	0	20.799
LT1	B60	ENVE MIN	2.6	0	-75.43	0	-29.147	0	6.774
LT1	B60	ENVE MIN	3.115	0	-72.58	0	-29.147	0	30.657
LT1	B60	ENVE MIN	6.23	0	-47.03	0	-29.147	0	-420.959
BASEMENT	B60	ENVE MAX	0	0	-2.25	0	36.344	0	85.457
BASEMENT	B60	ENVE MAX	2.52	0	25.25	0	36.344	0	107.578
BASEMENT	B60	ENVE MAX	2.52	0	45.69	0	-0.209	0	111.668
BASEMENT	B60	ENVE MAX	3.115	0	61.93	0	-0.209	0	84.711
BASEMENT	B60	ENVE MAX	6.23	0	152.86	0	-0.209	0	94.559
BASEMENT	B60	ENVE MIN	0	0	-159.06	0	0.581	0	-280.043
BASEMENT	B60	ENVE MIN	2.52	0	-99.39	0	0.581	0	9.663
BASEMENT	B60	ENVE MIN	2.52	0	-54.94	0	-24.898	0	9.477
BASEMENT	B60	ENVE MIN	3.115	0	-42.32	0	-24.898	0	33.751
BASEMENT	B60	ENVE MIN	6.23	0	-1.22	0	-24.898	0	-279.264

Lampiran 23. Output ETABS Balok 40 x 65

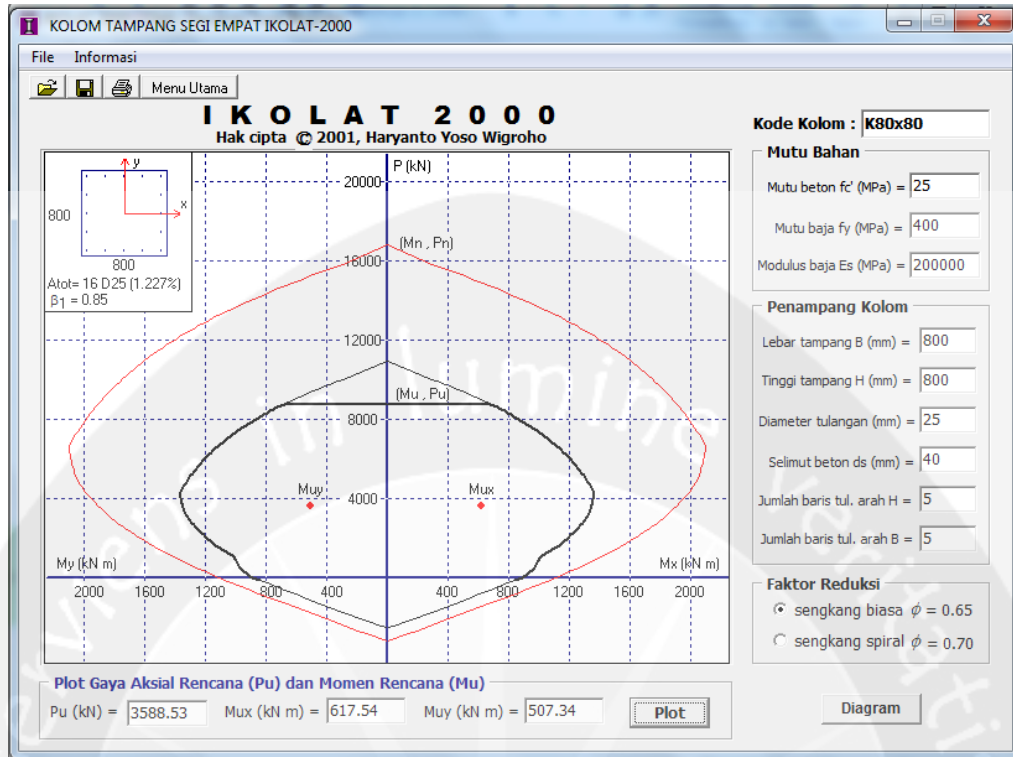
KOLOM AS 4-H

Story	Column	Load	Loc	P	V2	V3	T	M2	M3
ATAP	C18	ENVE MAX	0	-95.35	51.56	13.78	1.328	22.175	73.431
ATAP	C18	ENVE MAX	1.6	-88.25	51.56	13.78	1.328	10.465	4.56
ATAP	C18	ENVE MAX	3.2	-81.14	51.56	13.78	1.328	152.901	90.219
ATAP	C18	ENVE MIN	0	-268.21	-54.45	-89.28	-0.907	-132.802	-85.069
ATAP	C18	ENVE MIN	1.6	-255.16	-54.45	-89.28	-0.907	-0.294	-11.573
ATAP	C18	ENVE MIN	3.2	-242.1	-54.45	-89.28	-0.907	-21.933	-92.606
LT7	C18	ENVE MAX	0	-290.07	54.15	68.75	1.474	99.131	79.371
LT7	C18	ENVE MAX	1.6	-282.97	54.15	68.75	1.474	10.011	8.201
LT7	C18	ENVE MAX	3.2	-275.86	54.15	68.75	1.474	168.337	91.786
LT7	C18	ENVE MIN	0	-694.39	-52.39	-99.3	-1.311	-149.417	-75.851
LT7	C18	ENVE MIN	1.6	-681.33	-52.39	-99.3	-1.311	-11.417	-7.502
LT7	C18	ENVE MIN	3.2	-668.28	-52.39	-99.3	-1.311	-120.864	-93.908
LT6	C18	ENVE MAX	0	-501.01	107.55	116.65	2.74	169.195	152.801
LT6	C18	ENVE MAX	1.6	-490.78	107.55	116.65	2.74	24.405	20.113
LT6	C18	ENVE MAX	3.2	-480.55	107.55	116.65	2.74	313.266	183.737
LT6	C18	ENVE MIN	0	-1096.8	-102.39	-180.54	-2.489	-264.456	-143.925
LT6	C18	ENVE MIN	1.6	-1078	-102.39	-180.54	-2.489	-17.438	-19.48
LT6	C18	ENVE MIN	3.2	-1059.2	-102.39	-180.54	-2.489	-204.072	-191.346
LT5	C18	ENVE MAX	0	-687.97	138.08	155.56	3.066	236.87	207.499
LT5	C18	ENVE MAX	1.6	-677.74	138.08	155.56	3.066	10.887	13.676
LT5	C18	ENVE MAX	3.2	-667.51	138.08	155.56	3.066	343.791	229.141
LT5	C18	ENVE MIN	0	-1523.11	-134.7	-208.77	-2.878	-324.27	-201.908
LT5	C18	ENVE MIN	1.6	-1504.31	-134.7	-208.77	-2.878	-13.158	-13.488
LT5	C18	ENVE MIN	3.2	-1485.51	-134.7	-208.77	-2.878	-260.931	-234.355
LT4	C18	ENVE MAX	0	-853.66	151.67	178.53	3.261	271.415	223.544
LT4	C18	ENVE MAX	1.6	-843.43	151.67	178.53	3.261	20.294	21.552
LT4	C18	ENVE MAX	3.2	-833.2	151.67	178.53	3.261	369.662	259.996
LT4	C18	ENVE MIN	0	-1990.6	-149.42	-218.36	-3.226	-329.074	-218.132
LT4	C18	ENVE MIN	1.6	-1971.8	-149.42	-218.36	-3.226	-14.233	-19.745
LT4	C18	ENVE MIN	3.2	-1953	-149.42	-218.36	-3.226	-299.882	-261.795
LT3	C18	ENVE MAX	0	-1017.75	203.92	214.92	8.466	327.497	300.289
LT3	C18	ENVE MAX	1.6	-999.57	203.92	214.92	8.466	25.854	29.359
LT3	C18	ENVE MAX	3.2	-981.38	203.92	214.92	8.466	470.44	349.543
LT3	C18	ENVE MIN	0	-2505.66	-200.65	-277.87	-8.395	-418.732	-292.548
LT3	C18	ENVE MIN	1.6	-2472.24	-200.65	-277.87	-8.395	-16.377	-26.849
LT3	C18	ENVE MIN	3.2	-2438.82	-200.65	-277.87	-8.395	-360.25	-352.264
LT2	C18	ENVE MAX	0	-1177.37	208.44	223.54	9.119	373.984	351.149
LT2	C18	ENVE MAX	1.6	-1159.18	208.44	223.54	9.119	16.315	17.642
LT2	C18	ENVE MAX	3.2	-1140.99	208.44	223.54	9.119	423.366	317.407
LT2	C18	ENVE MIN	0	-3030.66	-206.05	-277.12	-8.925	-463.423	-342.239
LT2	C18	ENVE MIN	1.6	-2997.24	-206.05	-277.12	-8.925	-20.029	-12.556
LT2	C18	ENVE MIN	3.2	-2963.82	-206.05	-277.12	-8.925	-341.355	-316.146
LT1	C18	ENVE MAX	0	-1349.19	183.86	208.24	8.568	547.506	493.778
LT1	C18	ENVE MAX	2	-1326.46	183.86	208.24	8.568	131.026	126.049

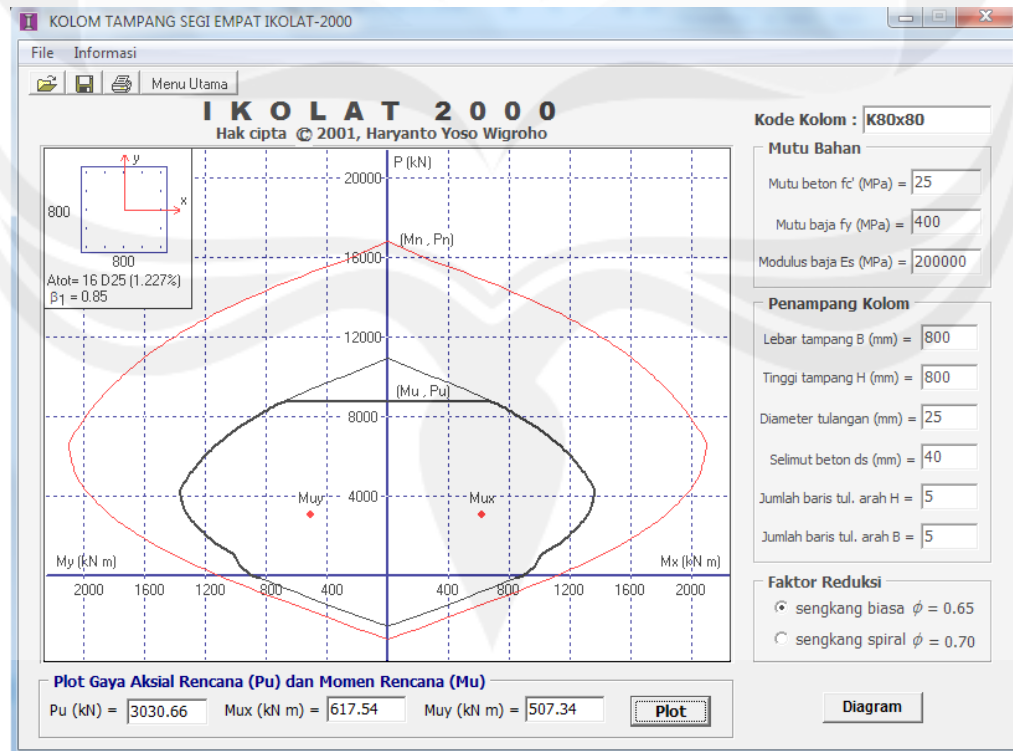
LT1	C18	ENVE MAX	4	-1303.73	183.86	208.24	8.568	355.834	255.321
LT1	C18	ENVE MIN	0	-3588.53	-190.67	-243.35	-8.46	-617.548	-507.341
LT1	C18	ENVE MIN	2	-3546.75	-190.67	-243.35	-8.46	-130.857	-126.01
LT1	C18	ENVE MIN	4	-3504.97	-190.67	-243.35	-8.46	-285.454	-241.681
BASEMENT	C18	ENVE MAX	0	-1511.13	170.36	195.62	2.782	540.544	490.419
BASEMENT	C18	ENVE MAX	0.75	-1502.61	170.36	195.62	2.782	405.067	370.166
BASEMENT	C18	ENVE MAX	1.5	-1494.08	170.36	195.62	2.782	278.645	251.578
BASEMENT	C18	ENVE MIN	0	-4035.77	-204.19	-265.75	-2.767	-563.808	-494.94
BASEMENT	C18	ENVE MIN	0.75	-4020.1	-204.19	-265.75	-2.767	-375.732	-349.317
BASEMENT	C18	ENVE MIN	1.5	-4004.43	-204.19	-265.75	-2.767	-196.709	-205.358

Lampiran 22. Output ETABS Kolom C18

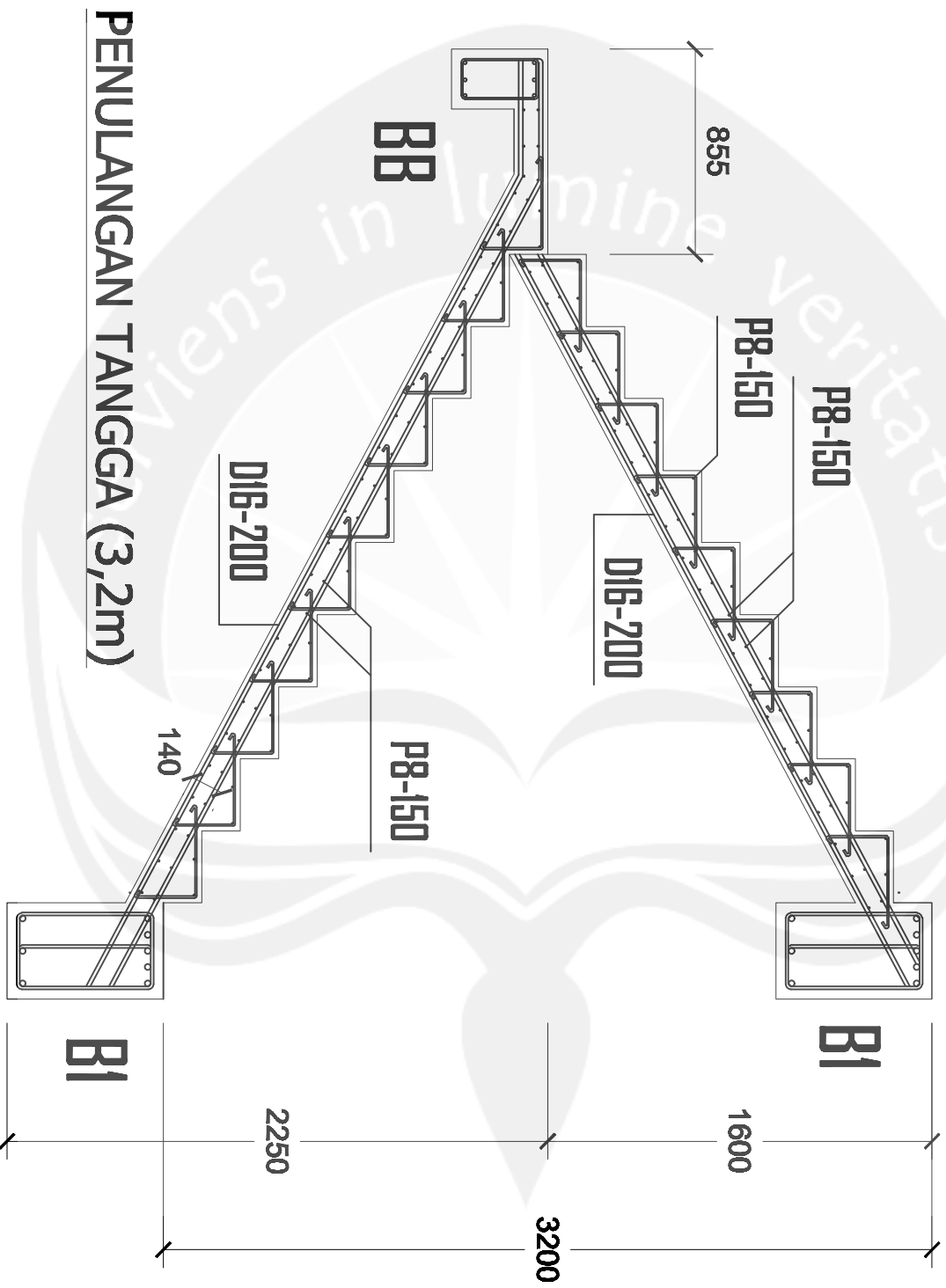




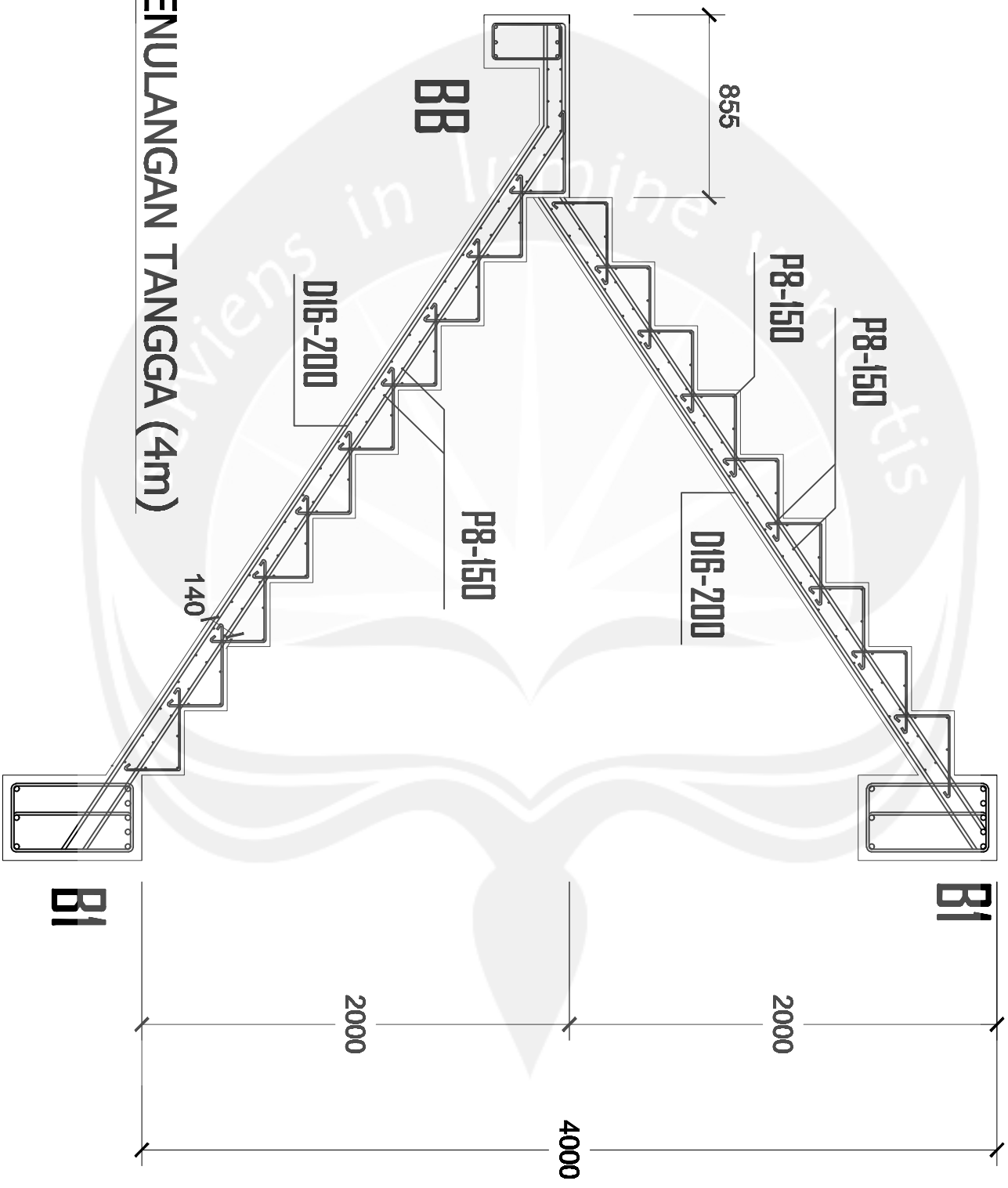
Lampiran 21 Diagram Interaksi Kolom Lantai 1 C18

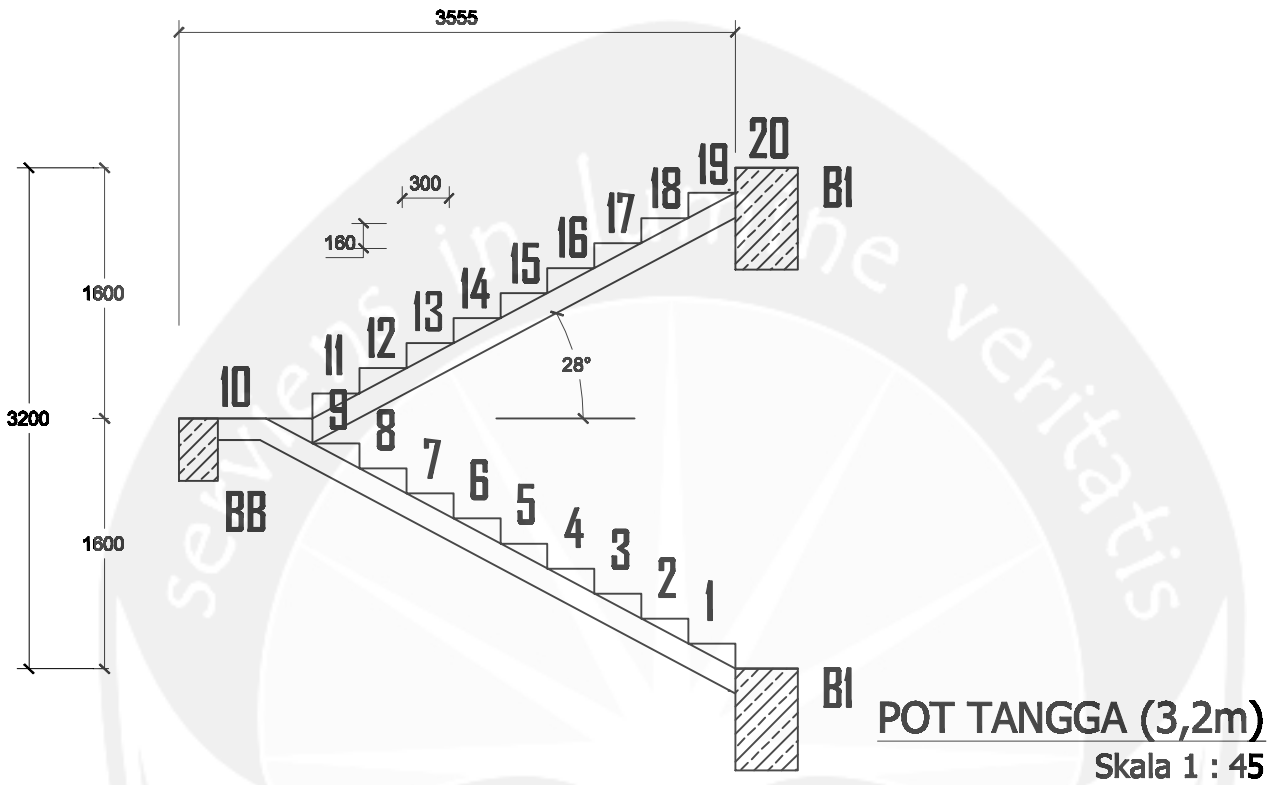


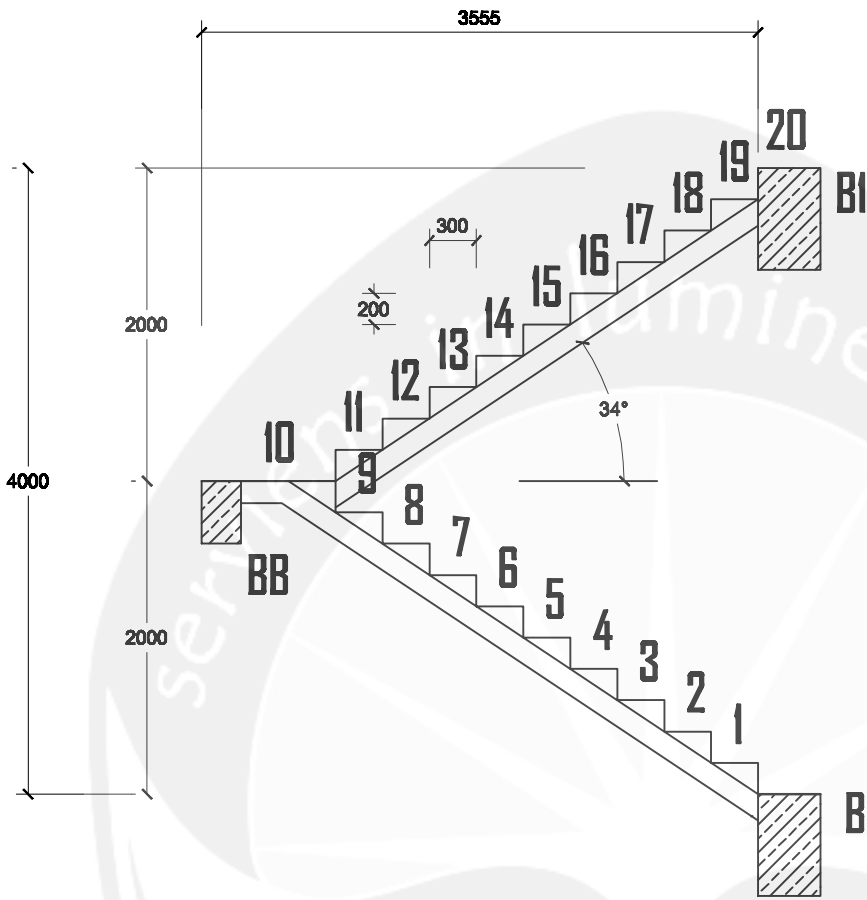
Lampiran 21 Diagram Interaksi Kolom Lantai 2 C18



PENULANGAN TANGGA (4m)

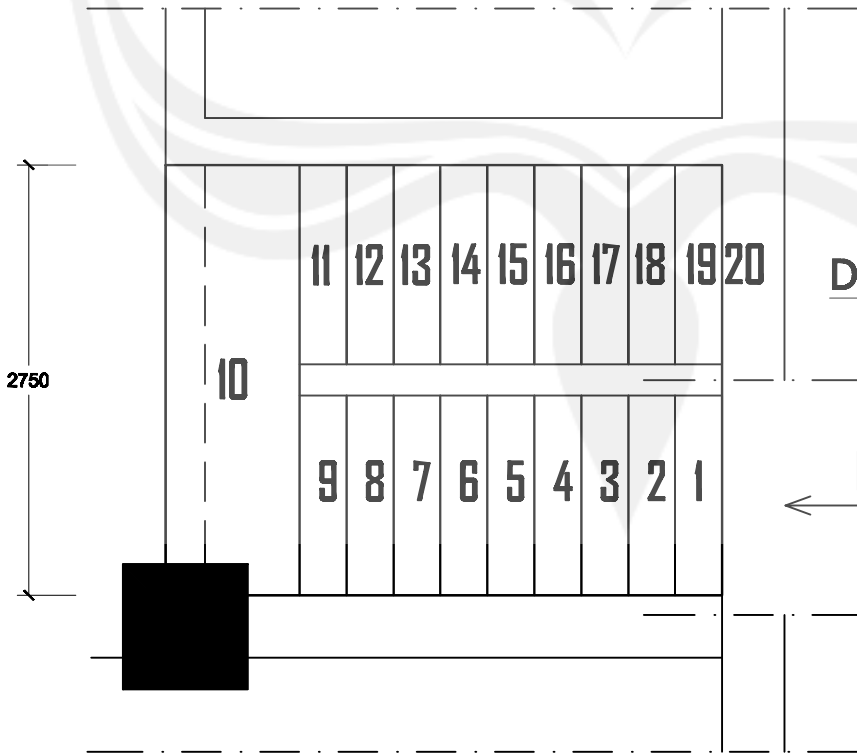






POT TANGGA (4m)

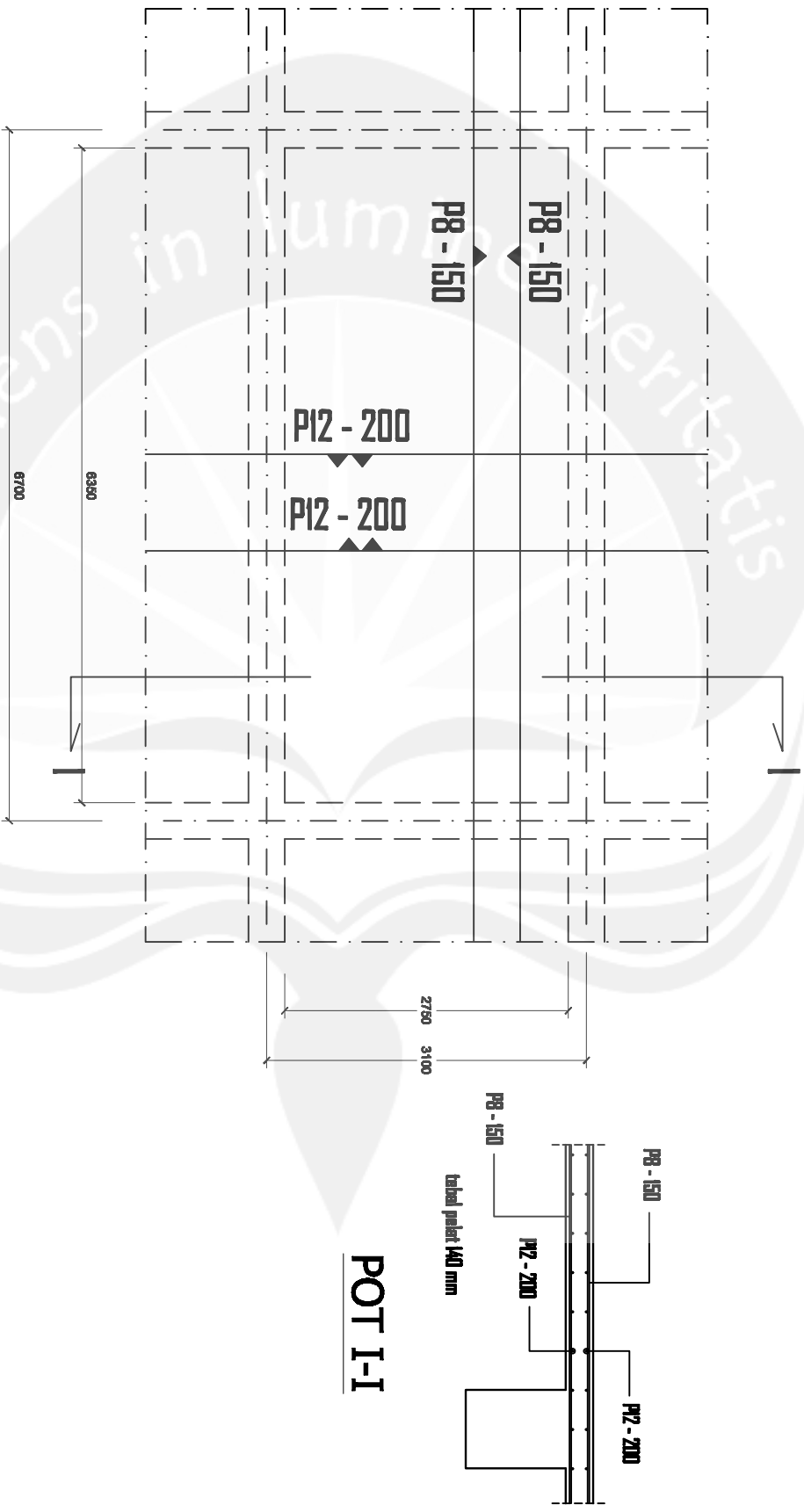
Skala 1 : 45



DENAH TANGGA (4m)

Skala 1 : 45

← **NAIK**



DETAIL PENULANGAN PELAT A

Skala 1 : 25

