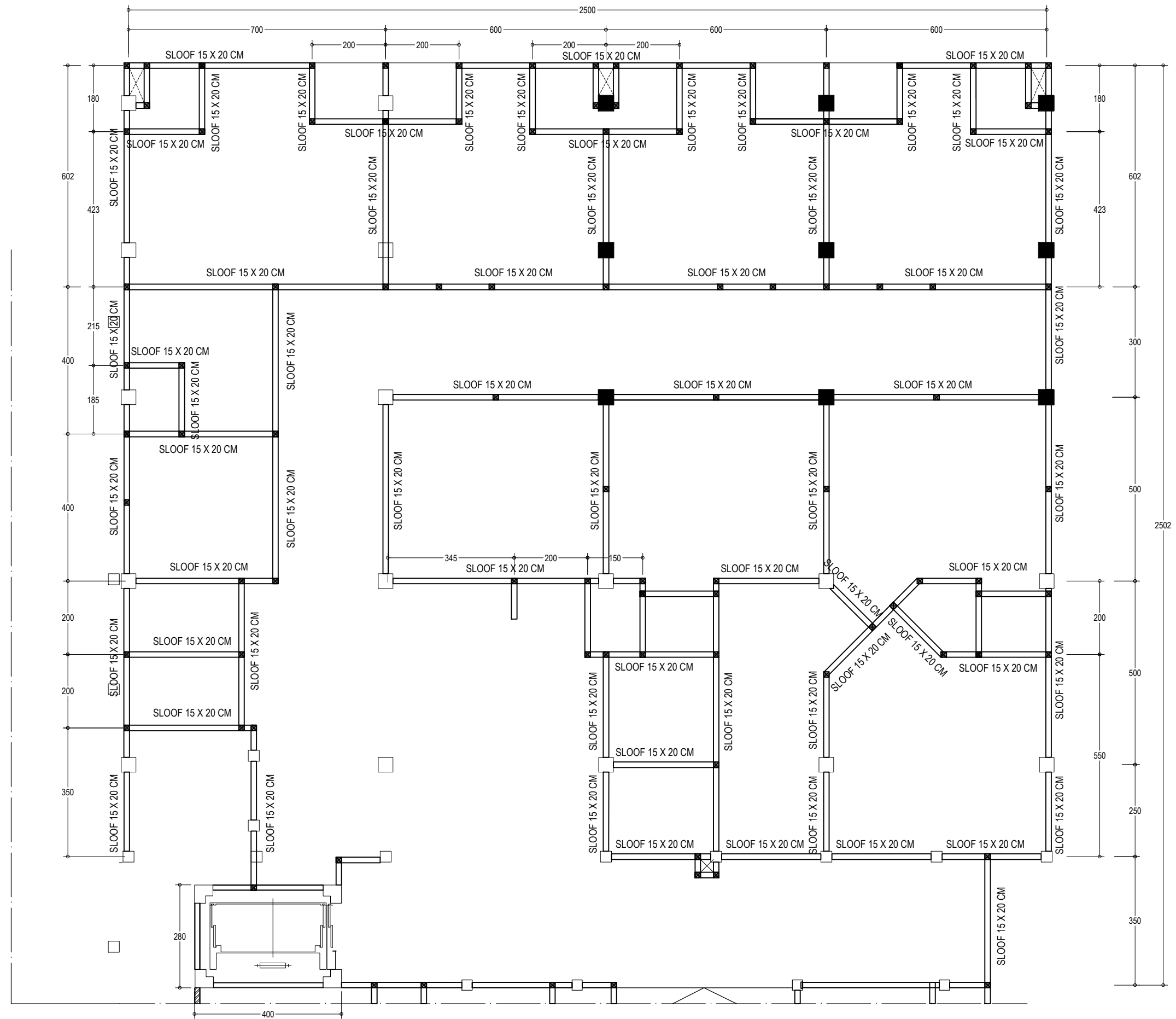


DAFTAR ISI GAMBAR KERJA

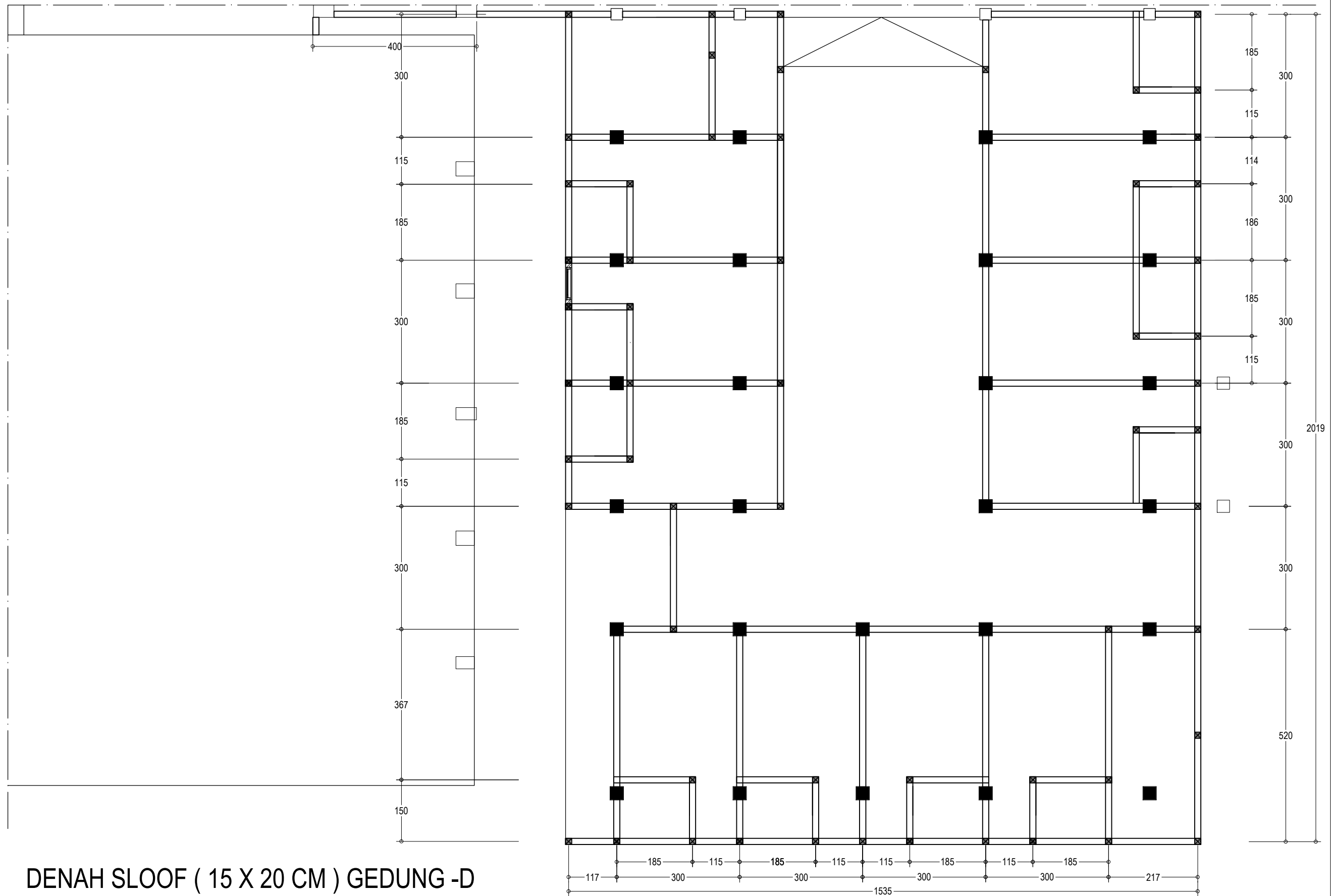
NO	KODE	GAMBAR
<i>B</i>	<i>PEKERJAAN STRUKTUR GEDUNG STR)</i>	
01	STR	DENAH PENEMPATAN KOLOM LANTAI 2
01.b	STR	DENAH PENEMPATAN SLOOF GEDUNG C LANTAI 2
01.C	STR	DENAH PENEMPATAN SLOOF GDUNG D LANTAI 2
02	STR	DENAH BALOK LATEI
03	STR	DENAH BALOK
04	STR	DETAILPENULANGAN PLAT ATAP
05	STR	DENAH RING BALK
06	STR	DENAH KUDA- KUDA
07	STR	DETAIL KUDA- KUDA 1 DAN2
08	STR	DETAIL KUDA- KUDA 3 DAN 4
09	STR	DENAH KUDA- KUDA
10	STR	DETAIL KUDA- KUDA 1 DAN 2
11	STR	DETAIL KUDA- KUDA 3 DAN 4
12	STR	DETAIL KUDA - KUDA 5, 6. 7. 8. 9. 10. 11
13	STR	DEDETAIL A, B, C
14	STR	DENAH PENENPATAN BALOK LANTAI 2
15	STR	BAGAN PORTAL AS. A, DAN A'
16	STR	BAGAN PORTAL AS. B, DAN C
17	STR	BAGAN PORTAL AS. D, DAN E
18	STR	BAGAN PORTAL AS. 5, DAN F
19	STR	BAGAN PORTAL AS. G, DANH
20	STR	BAGAN PORTAL AS. I, DAN J
21	STR	BAGAN PORTAL AS. K, DAN L
22	STR	BAGAN PORTAL AS. M, DAN N
23	STR	BAGAN PORTAL AS. 1, DAN 2
24	STR	BAGAN PORTAL AS. 3, DAN 4
25	STR	BAGAN PORTAL AS. 2a, DAN 2b
26	STR	BAGAN PORTAL AS.2c, DAN 3b
27	STR	BAGAN PORTAL AS. 4a, DAN 4b
28	STR	DETAIL PENULANGAN PORTAL
29	STR	DENAH JEMBATAN RAM DARURAT EKSISTING DAN RENCANA
30	STR	DENAH PLAT BETON LANTAI DAN PENUTUP KERAMIK
31	STR	DENAH PENULANGAN JEMBATAN RAM DARURAT
32	STR	DENAH PENULANGAN JEMBATAN RAM DARURAT
33	STR	DETAIL PENULANGAN JEMBATAN RAM DARURAT



DENAH SLOOF (15 X 20 CM) GEDUNG - C

BARU

SKALA 1 : 120



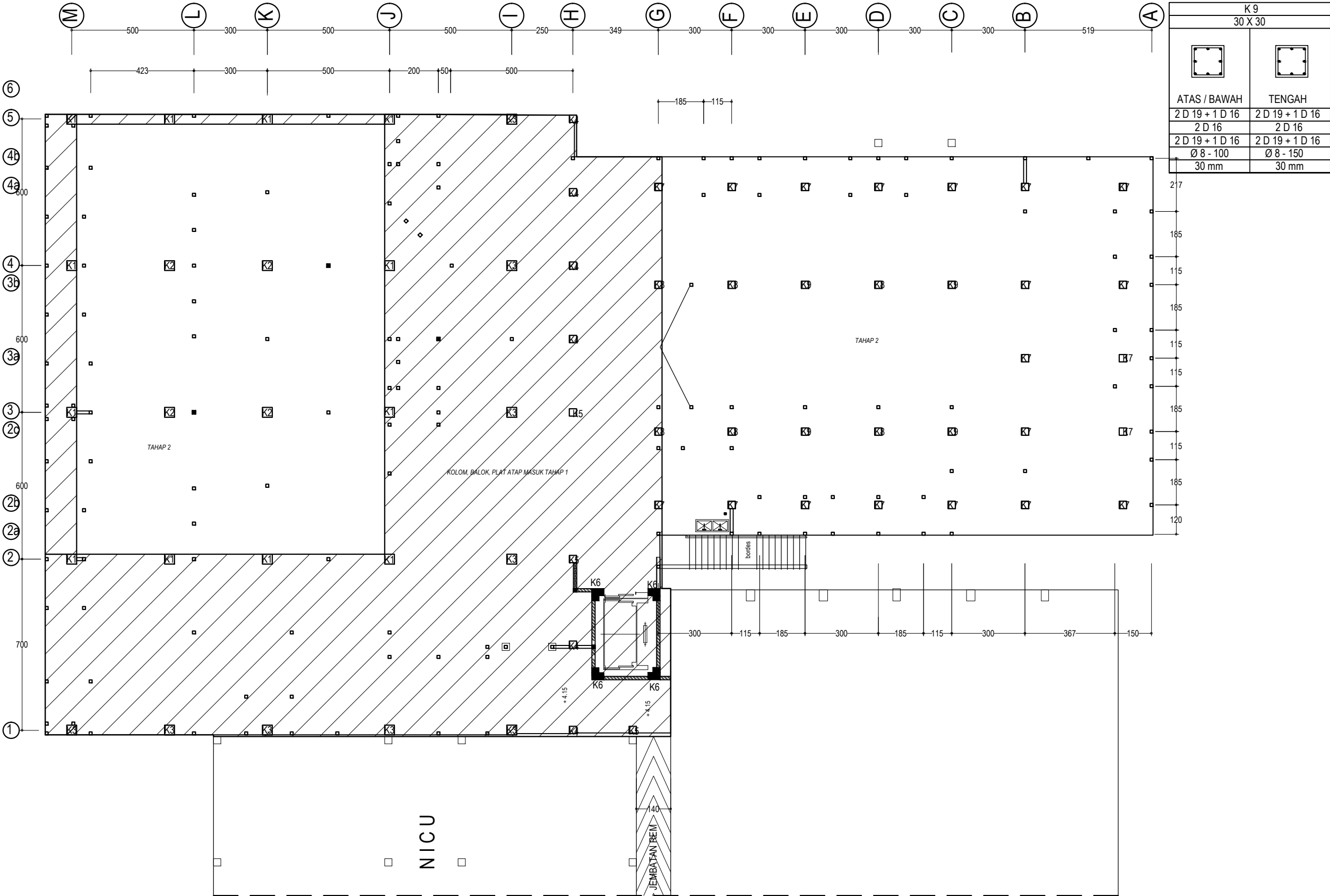
DENAH SLOOF (15 X 20 CM) GEDUNG -D

BARU

SKALA 1 : 100

TABEL PENULANGAN BETON

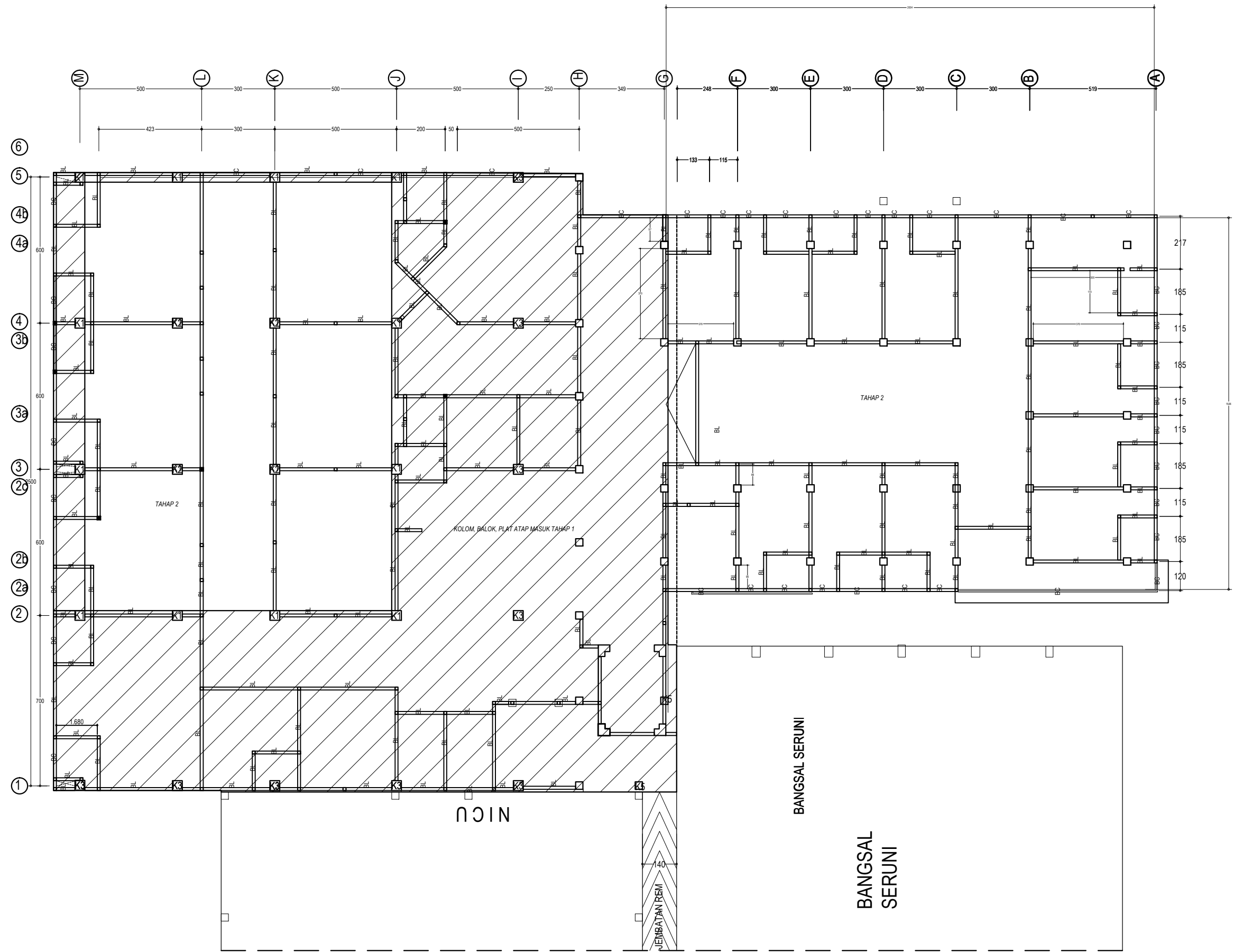
TYPE KOLOM	K1		K2		K3		K 4		K 5		K 6		K 7		K 8	
UKURAN KOLOM	40 X 40		40 X 40		40 X 40		30 X 30		30 X 30		30 X 30		30 X 30		30 X 30	
ATAS / BAWAH																
TENGAH																
TULANGAN ATAS	2 D 19 + 2 D 16	2 D 19 + 2 D 16	3 D 19	3 D 19	2 D 19 + 2 D 16	2 D 19 + 2 D 16	2 D 19 + 1 D 16	2 D 19 + 1 D 16	4 D 19	4 D 19	4 D 19	4 D 19	4 D 19	4 D 19	2 D 19 + 1 D 16	2 D 19 + 1 D 16
TULANGAN TENGAH	4 D 16	4 D 16	2 D 19	2 D 19	4 D 16	4 D 16	2 D 16	2 D 16	4 D 19	4 D 19	4 D 19	4 D 19	4 D 19	4 D 19	2 D 16	2 D 16
TULANGAN BAWAH	2 D 19 + 2 D 16	2 D 19 + 2 D 16	3 D 19	3 D 19	2 D 19 + 2 D 16	2 D 19 + 2 D 16	2 D 19 + 1 D 16	2 D 19 + 1 D 16	4 D 19	4 D 19	4 D 19	4 D 19	4 D 19	4 D 19	2 D 19 + 1 D 16	2 D 19 + 1 D 16
SENGKANG	Ø 8 - 100	Ø 8 - 150	Ø 12 - 100	Ø 12 - 150	Ø 8 - 100	Ø 8 - 150	Ø 8 - 100	Ø 8 - 150	Ø 8 - 100	Ø 8 - 150	Ø 8 - 100	Ø 8 - 150	Ø 8 - 100	Ø 8 - 150	Ø 8 - 100	Ø 8 - 150
SELIMUT BETON	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm



DENAH PENEMPATAN KOLOM GEDUNG
PERAWATAN LANTAI - 2

ELV. 6.825 m

SKALA 1 : 175



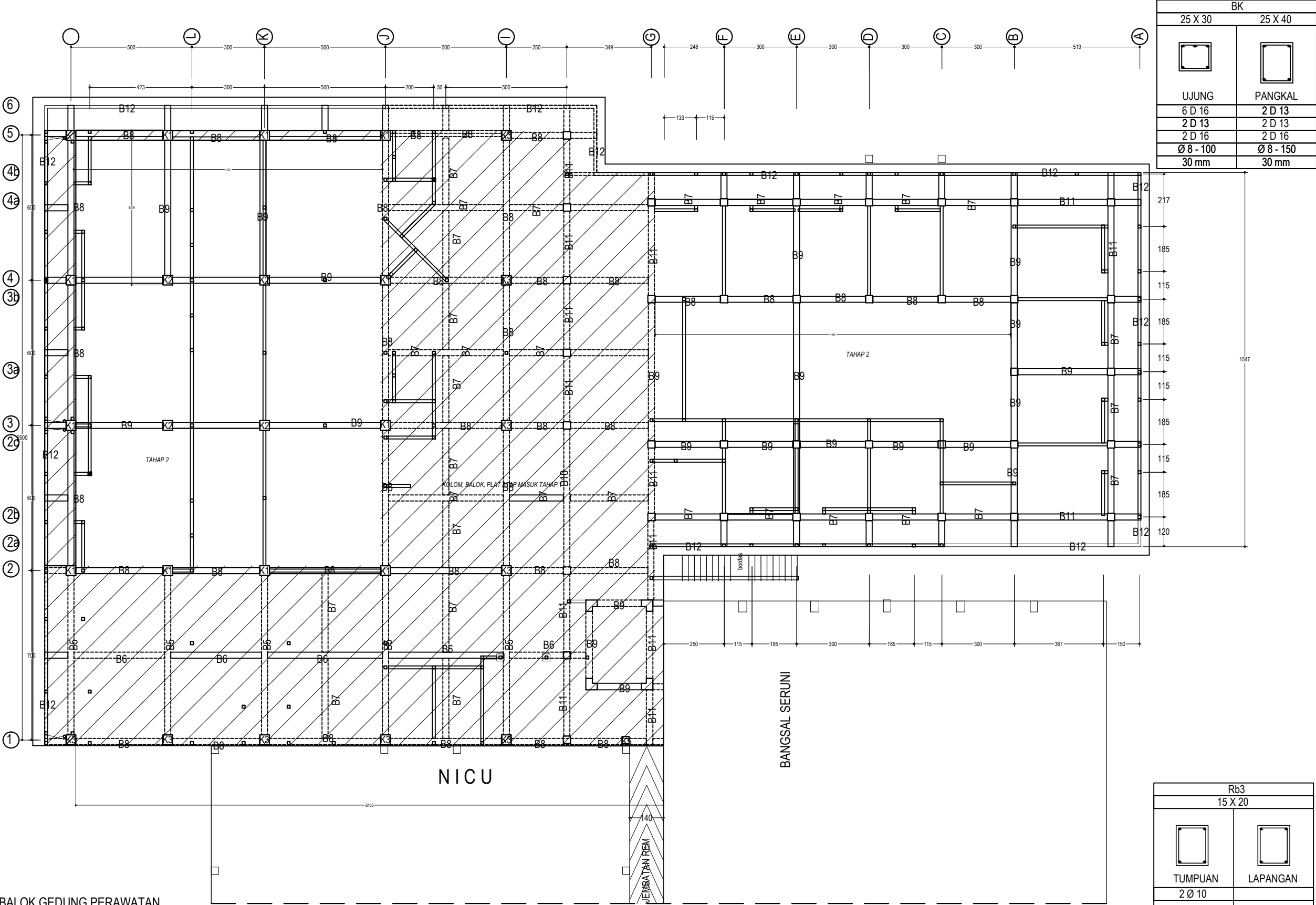
DENAH BALOK LATEI GEDUNG PERAWATAN
LANTAI - 2

ELV. 6.825 m

SKALA 1 : 175

TABEL PENULANGAN BETON







TYPE BALOK	B5		B6		B7		B8		B9		B10		B11		B12	
UKURAN BALOK	25 X 60		25 X 45		25 X 45		25 X 50		25 X 40		25 X 50		25 X 45		15 X 30	
TULANGAN ATAS	5 D 19	2 D 19	3 D 19	2 D 16	3 D 16	3 D 16	5 D 19	3 D 19	3 D 16	2 D 16	4 D 16	3 D 16	4 D 16	3 D 16	3 D 13	2 D 13
TULANGAN TENGAH	2 D 16	2 D 16	2 D 13	2 D 13	2 D 13	2 D 13	4 D 16	4 D 16			2 D 13		2 D 13	2 D 13		
TULANGAN BAWAH	3 D 19	2 D 19	2 D 19	3 D 16	3 D 16	3 D 16	3 D 19	3 D 19	2 D 16	3 D 16	3 D 16	4 D 16	2 D 16	4 D 16	2 D 13	3 D 16
SENGKANG	Ø 10 - 100	Ø 10 - 100	Ø 8 - 100	Ø 8 - 150	Ø 8 - 100	Ø 8 - 150	Ø 8 - 100	Ø 8 - 150	Ø 8 - 100	Ø 8 - 150	Ø 8 - 100	Ø 8 - 150	Ø 8 - 100	Ø 8 - 150	Ø 8 - 100	Ø 8 - 150
SELIMUT BETON	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm

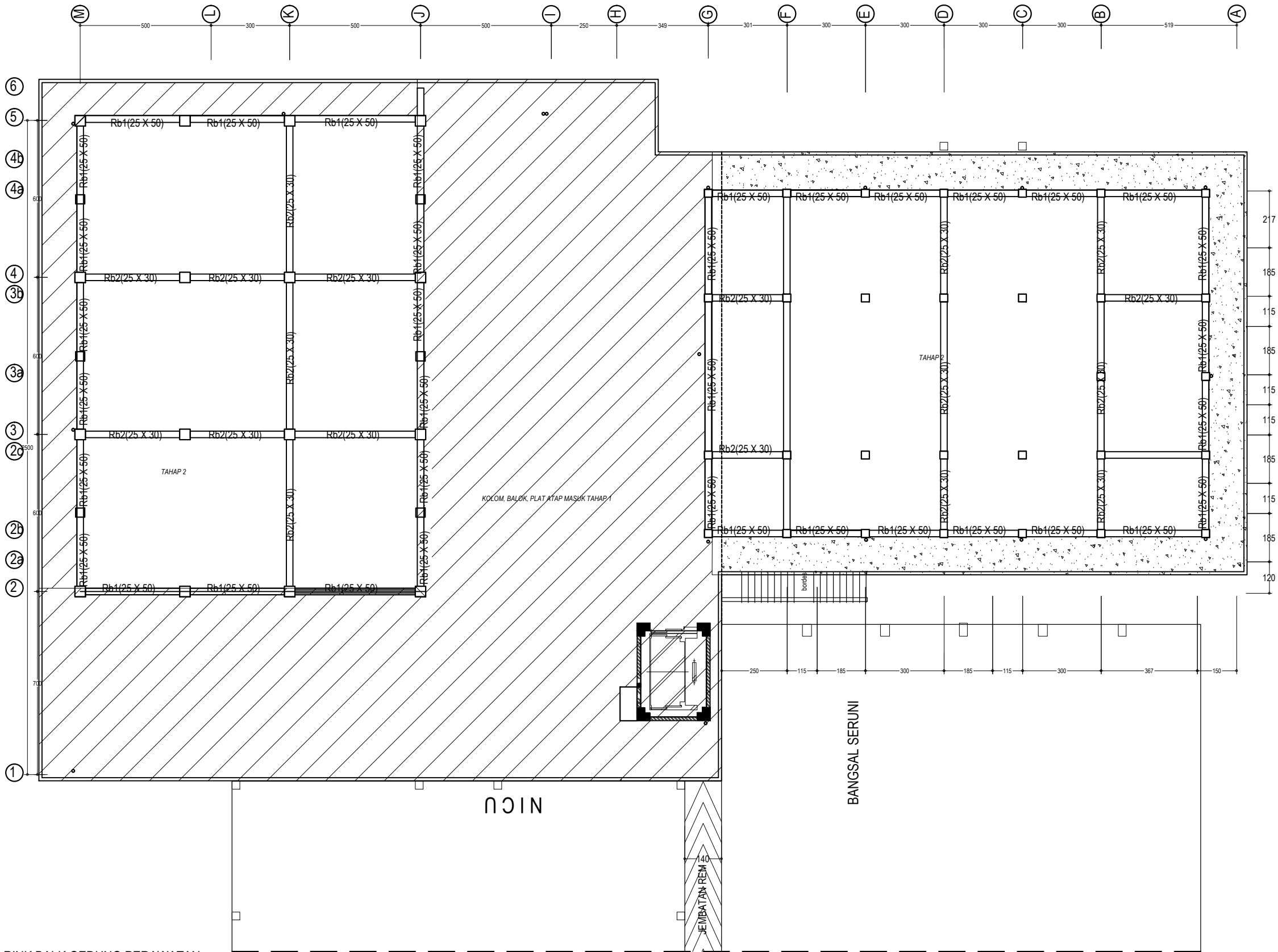


DENAH BALOK GEDUNG PERAWATAN
LANTAI - 2

ELV. 8.35 m

SKALA 1 : 175

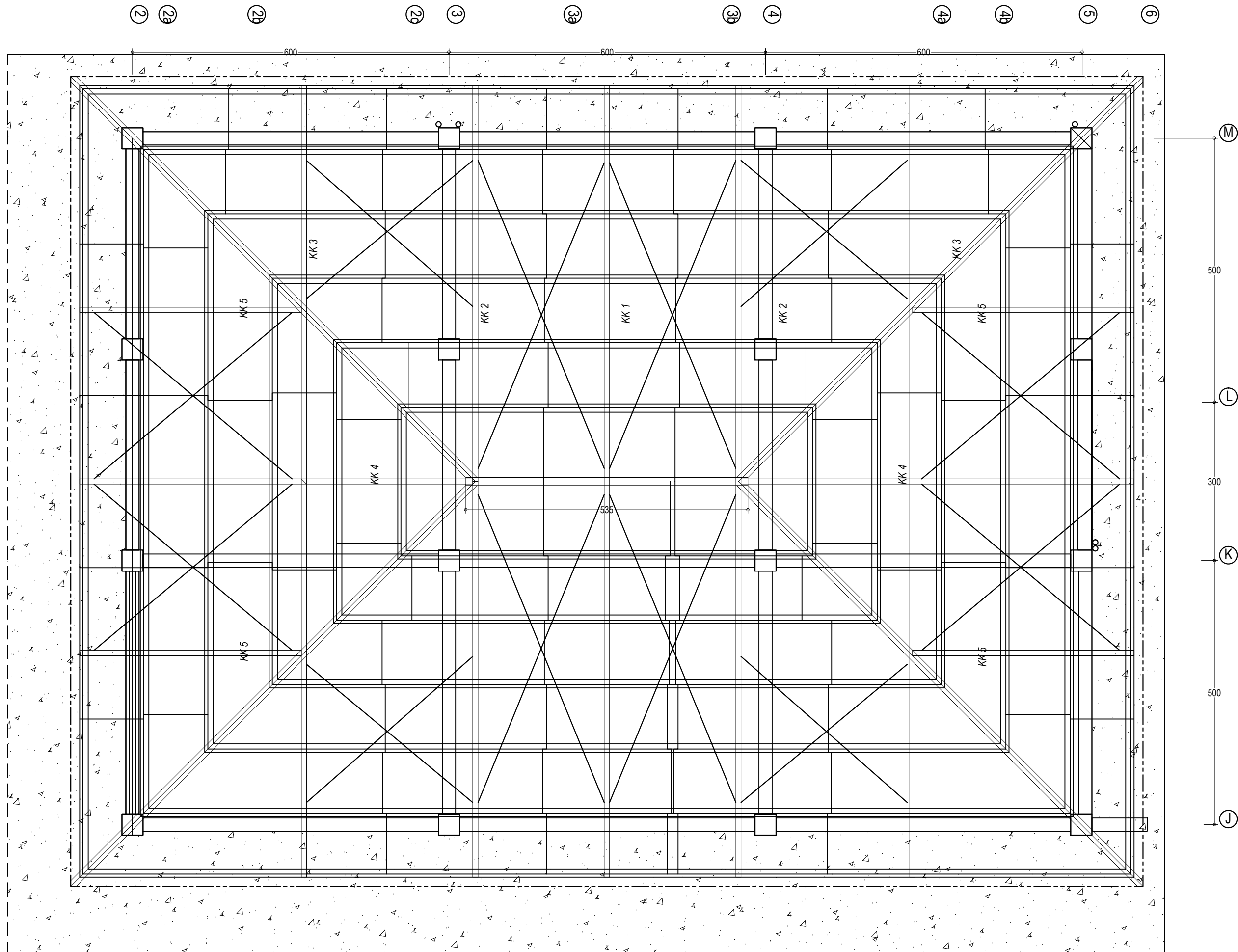
TABEL PENULANGAN BETON						
TYPE BALOK	Rb1		Rb2		K'	
UKURAN BALOK	25 X 50		25 X 30		25 X 25	
						
	TUMPUAN	LAPANGAN	TUMPUAN	LAPANGAN	ATAS / BAWAH	TENGAH
TULANGAN ATAS	4 D 16	2 D 16	2 D 16	3 D 16	3 D 16	3 D 16
TULANGAN TENGAH	2 D 13	2 D 13			2 D 16	2 D 16
TULANGAN BAWAH	3 D 16	2 D 16	3 D 16	2 D 16	3 D 16	3 D 16
SENGKANG	Ø 10 - 100	Ø10 - 150	Ø 8 - 100	Ø 8 - 150	Ø 8 - 150	Ø 8 - 150
SELIMUT BETON	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm



DENAH RINK BALK GEDUNG PERAWATAN
LANTAI - 2

ELV. 9.15 m

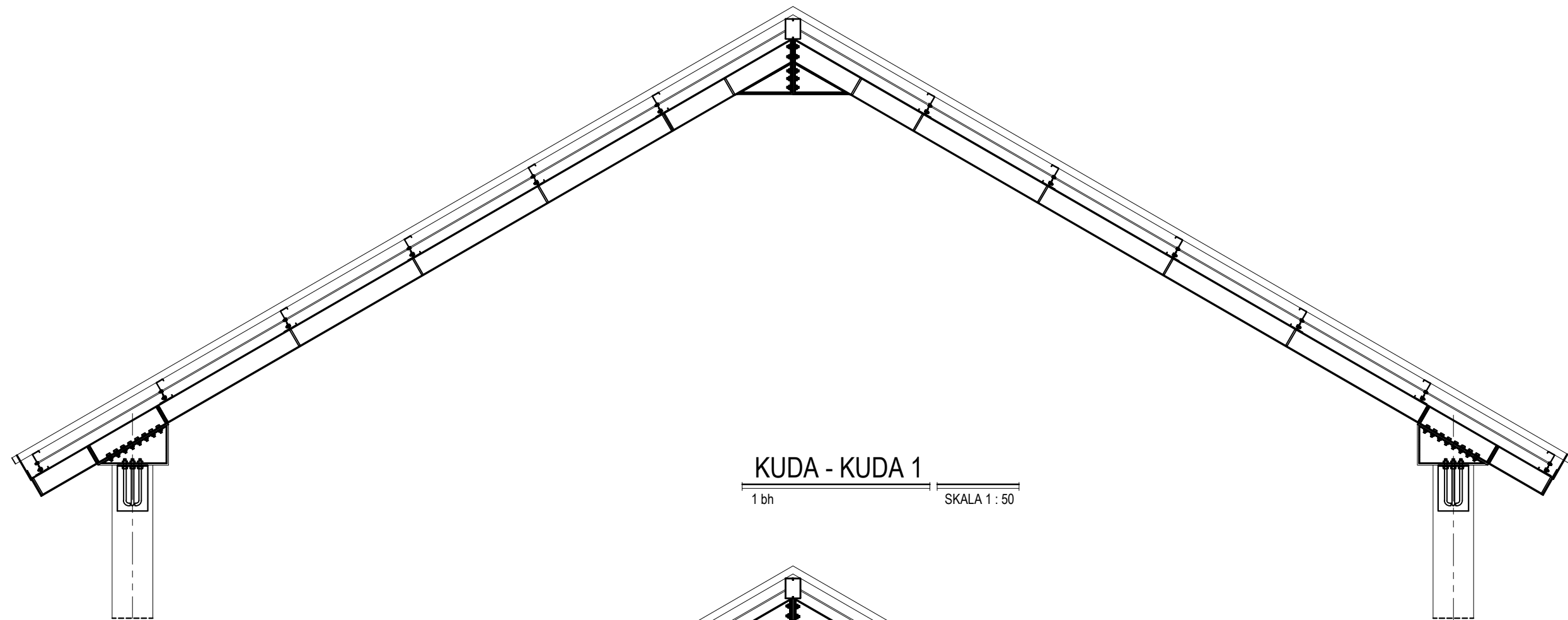
SKALA 1 : 175



DENAH KUDA - KUDA

RENCANA

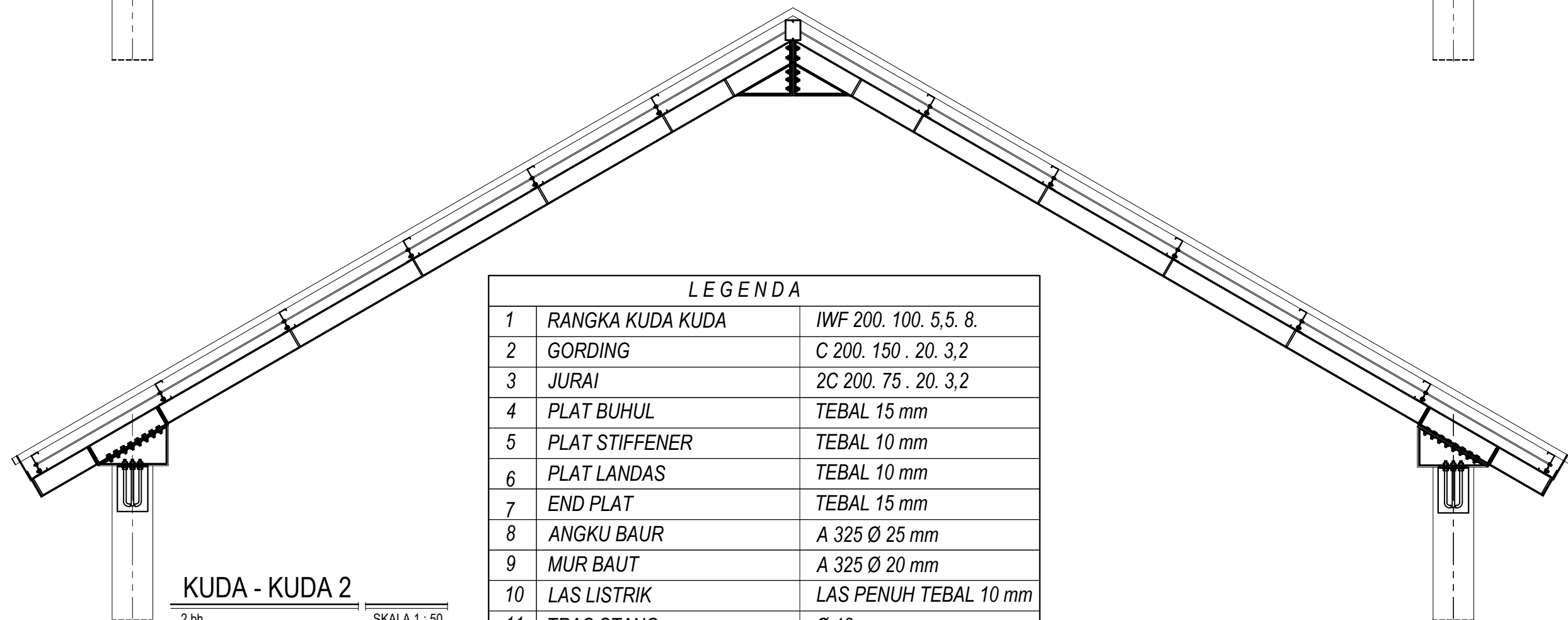
SKALA 1 : 75



KUDA - KUDA 1

1 bh

SKALA 1 : 50



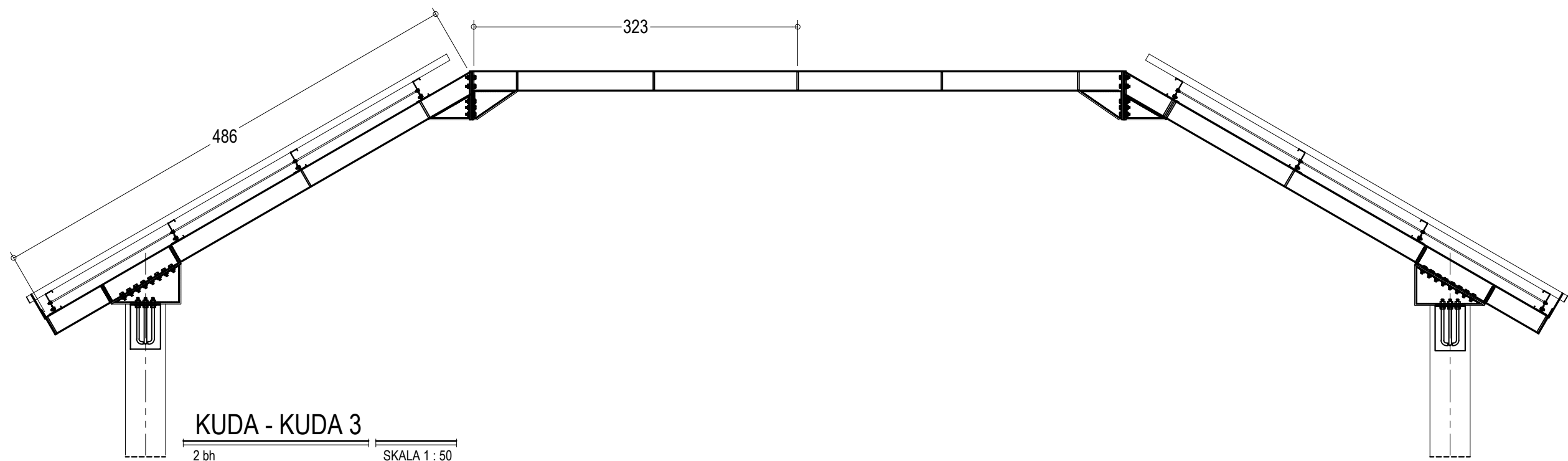
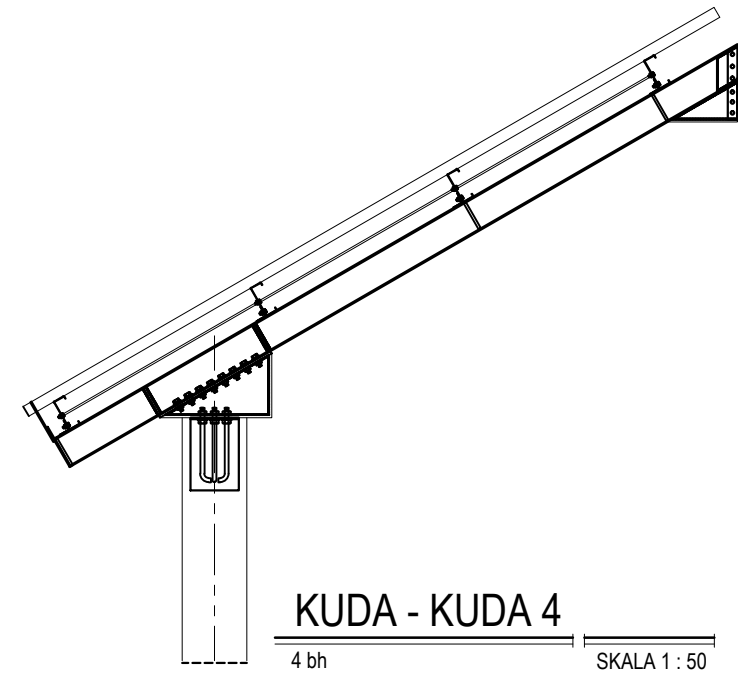
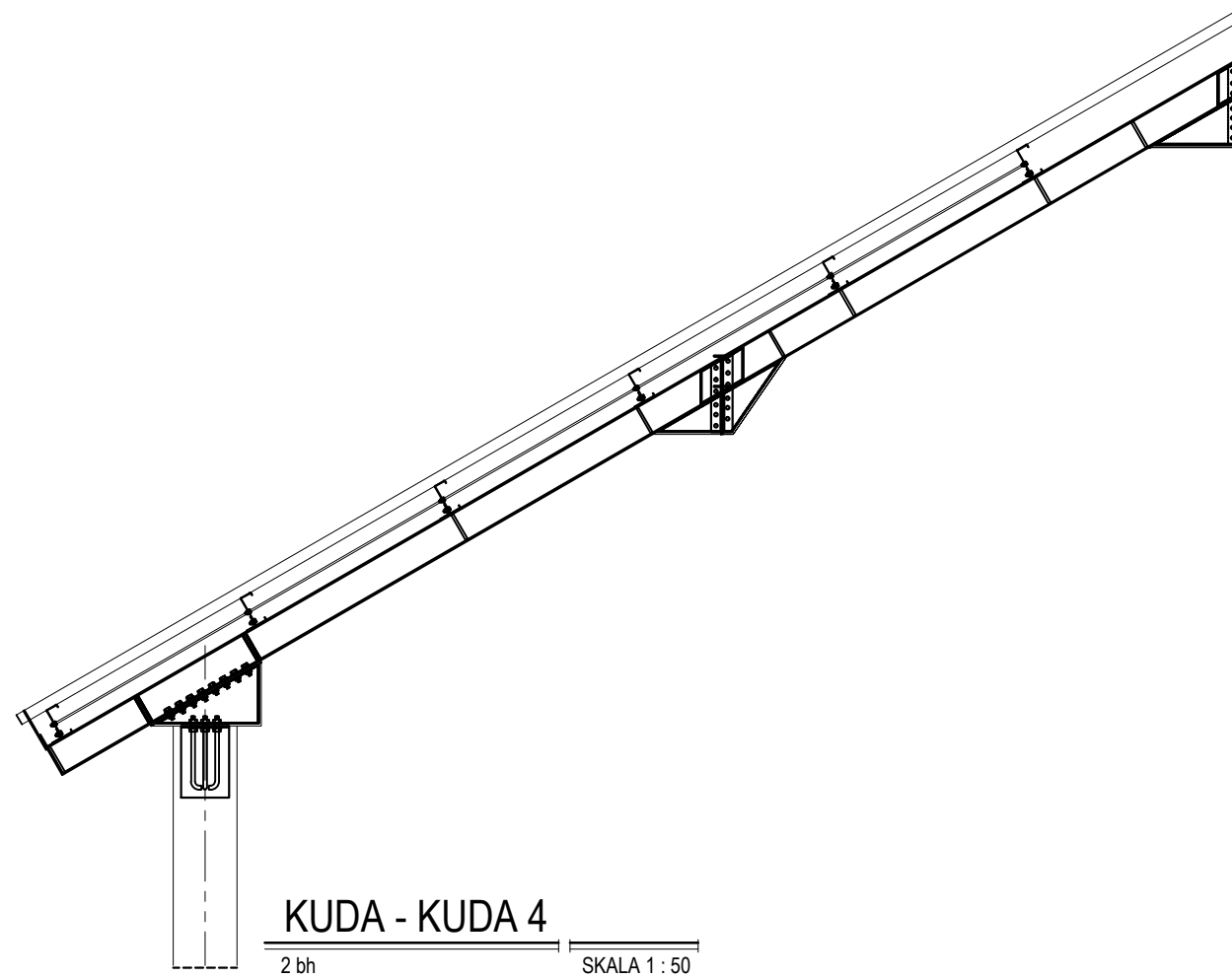
KUDA - KUDA 2

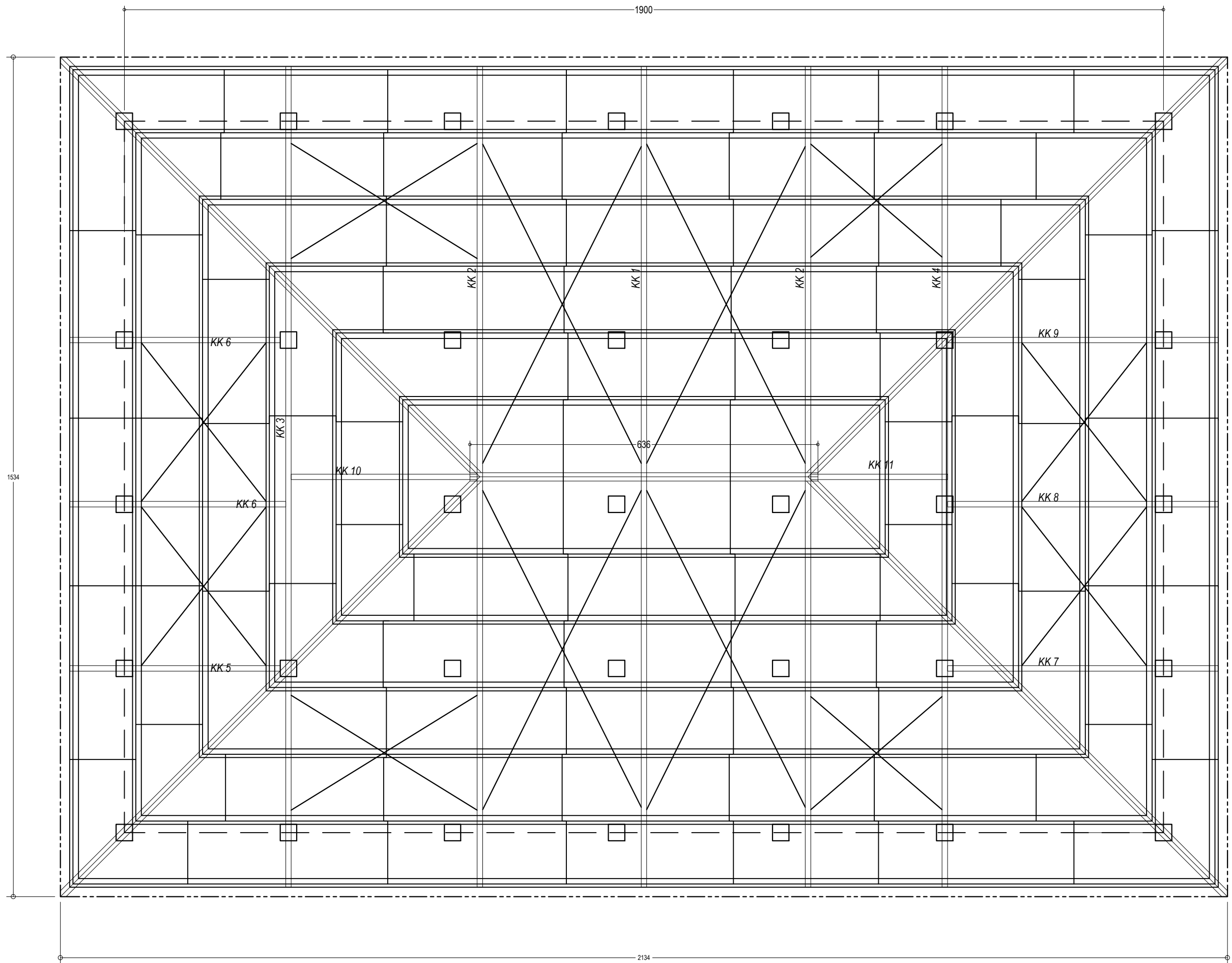
2 bh

SKALA 1 : 50

LEGENDA

1	RANGKA KUDA KUDA	IWF 200. 100. 5,5. 8.
2	GORDING	C 200. 150 . 20. 3,2
3	JURAI	2C 200. 75 . 20. 3,2
4	PLAT BUHUL	TEBAL 15 mm
5	PLAT STIFFENER	TEBAL 10 mm
6	PLAT LANDAS	TEBAL 10 mm
7	END PLAT	TEBAL 15 mm
8	ANGKU BAUR	A 325 Ø 25 mm
9	MUR BAUT	A 325 Ø 20 mm
10	LAS LISTRIK	LAS PENUH TEBAL 10 mm
11	TRAC STANG	Ø 12 mm
12	WHENHAG / ZAGROT	Ø 12 mm
13	LISTPLANK	300. 10 mm
14	PENUTUP ATAP	M CLASS
15	PENUTUP ATAP BUBUNGAN	M CLASS

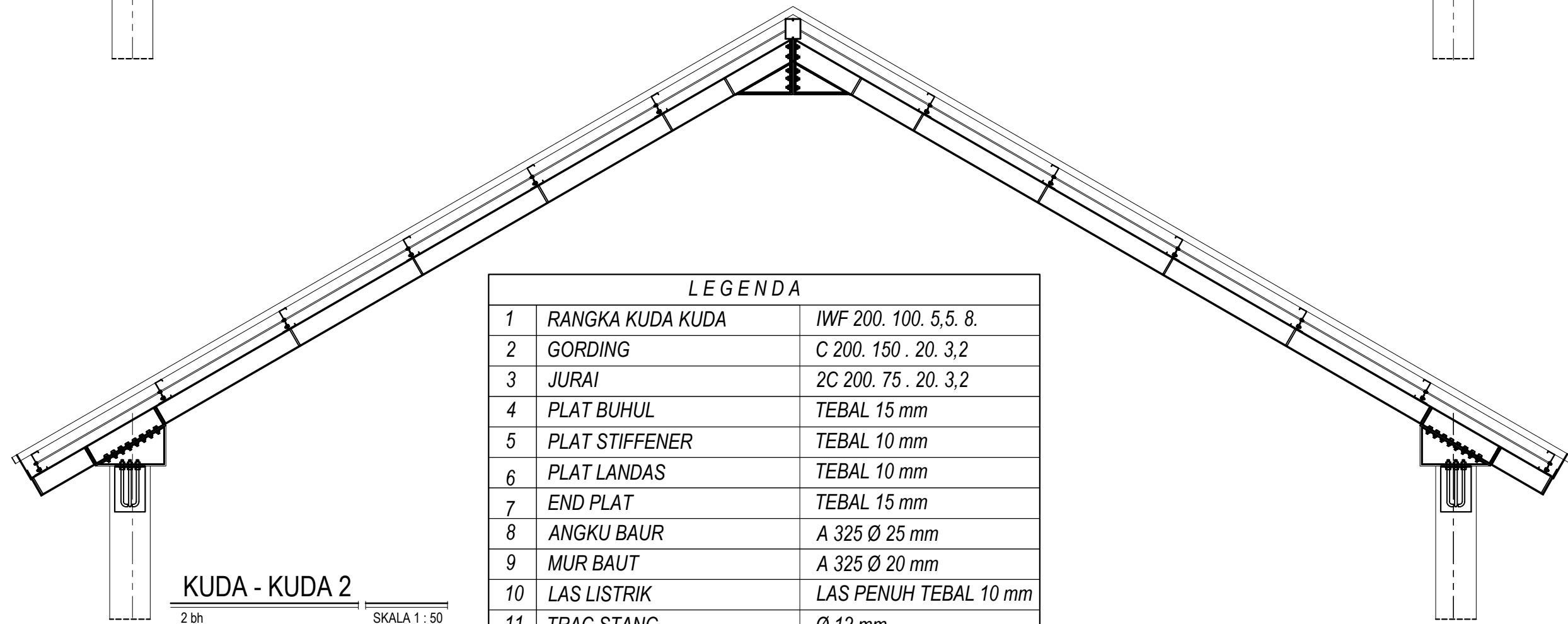
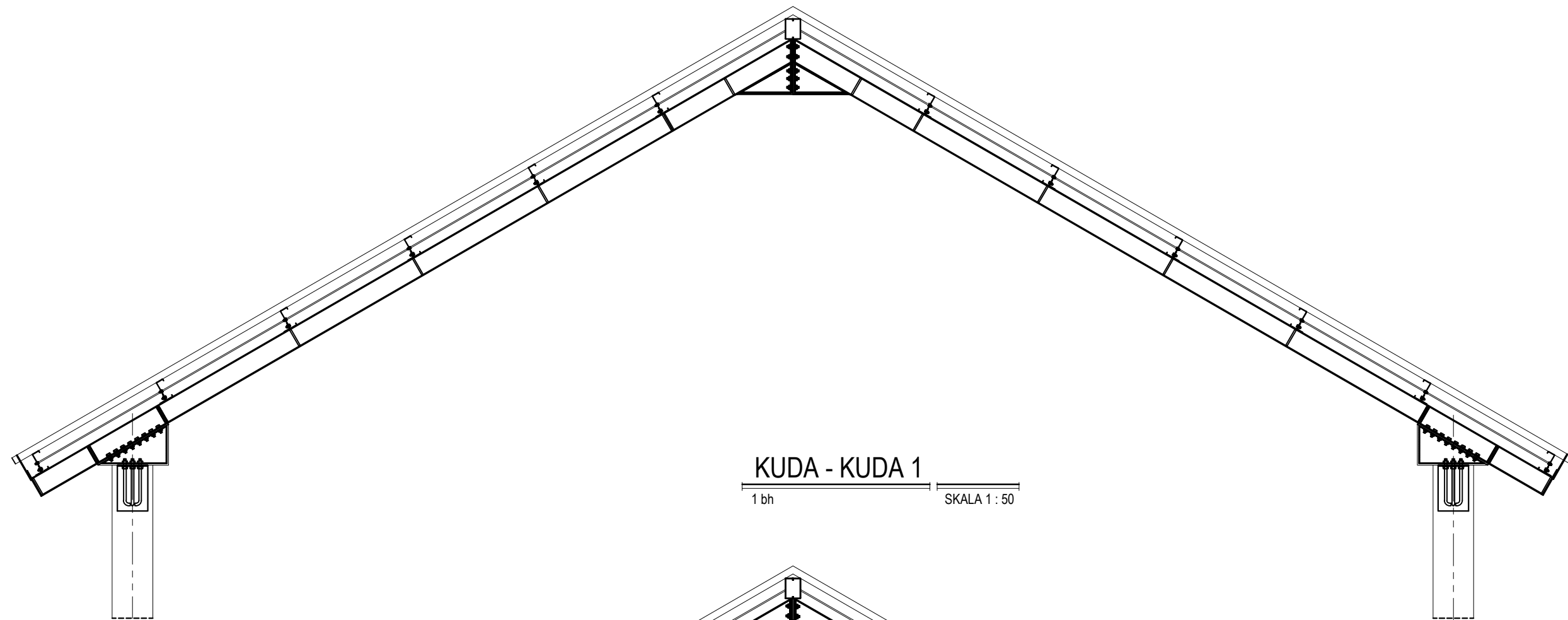




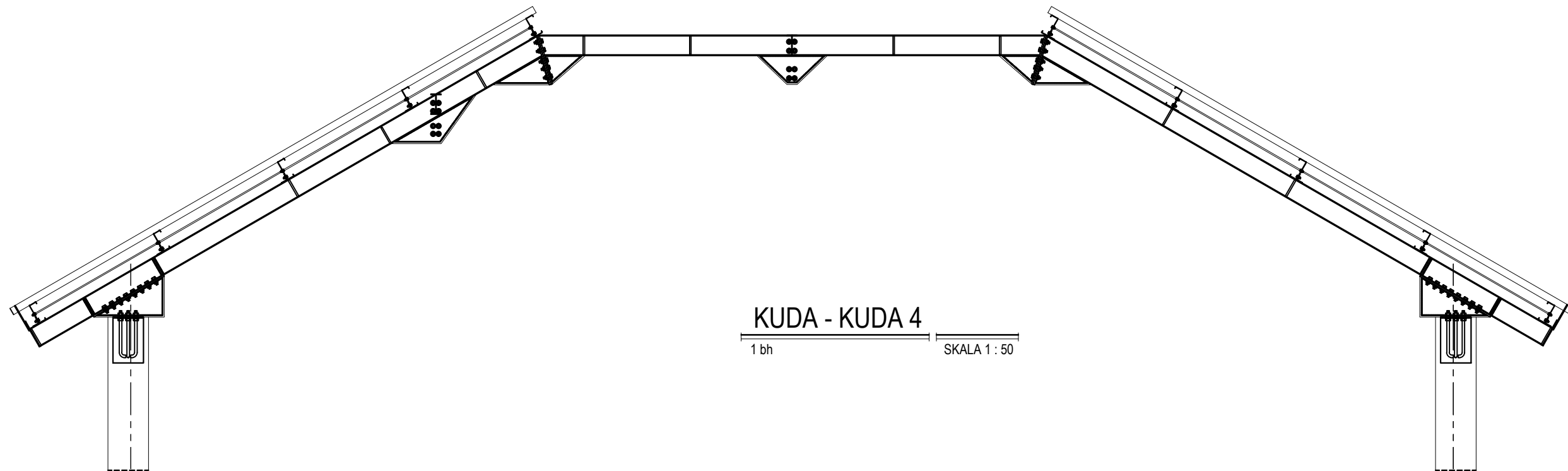
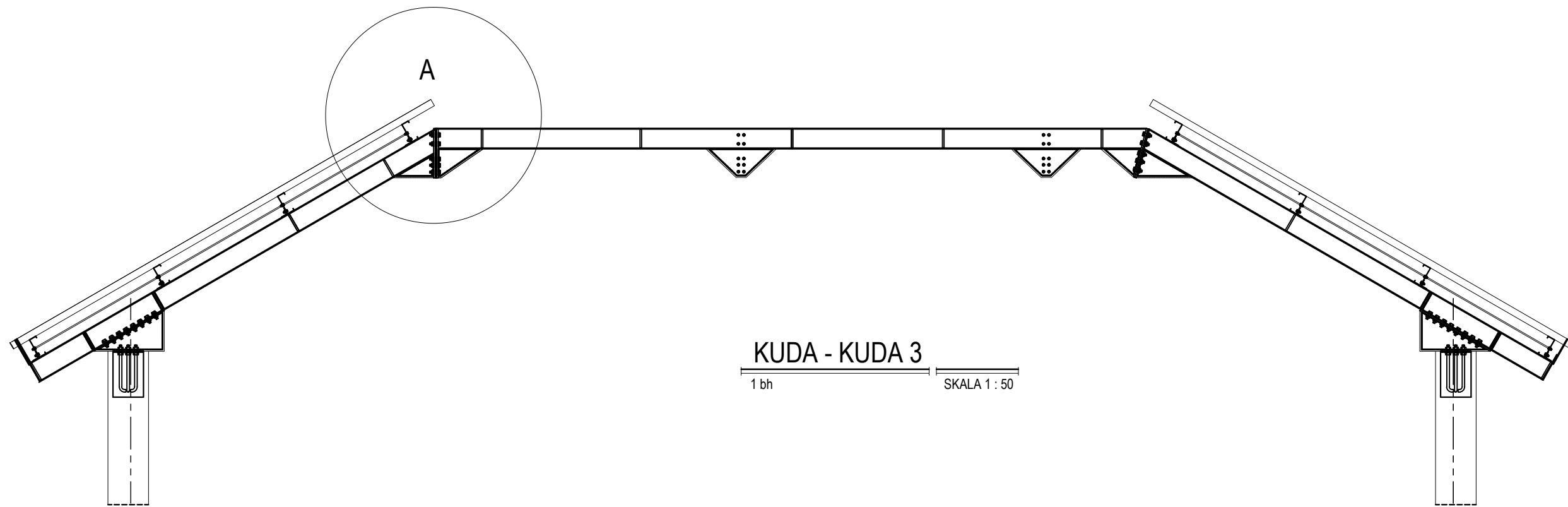
DENAH KUDA - KUDA

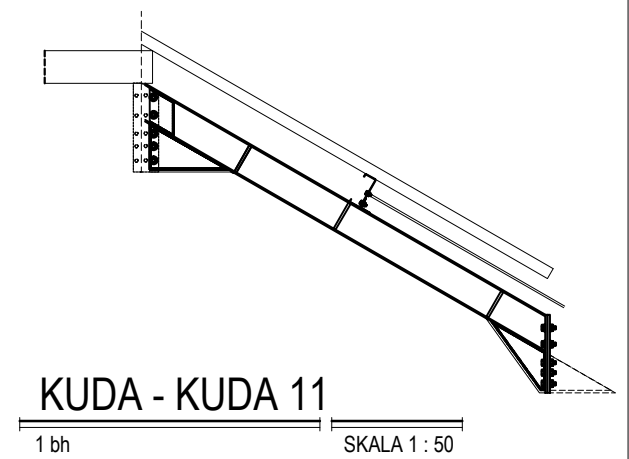
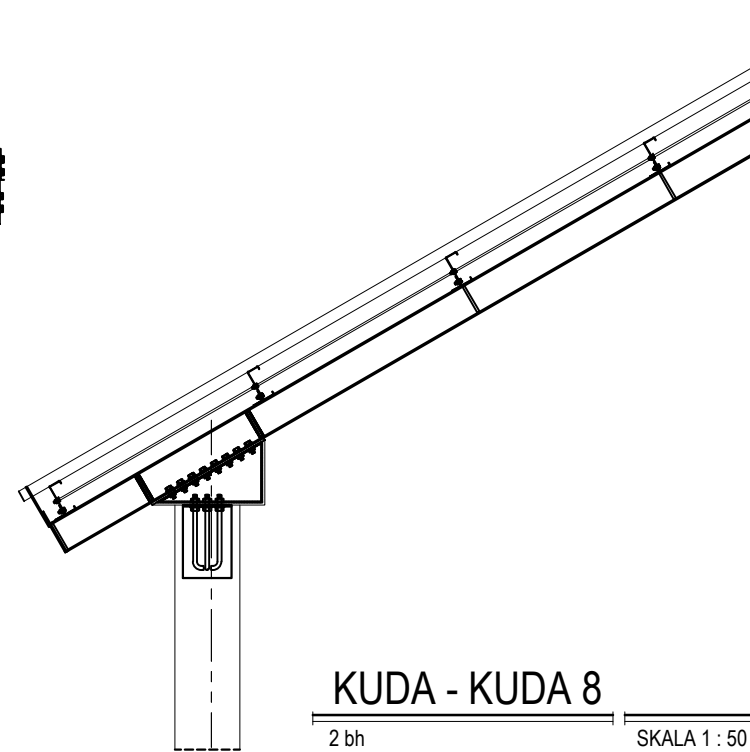
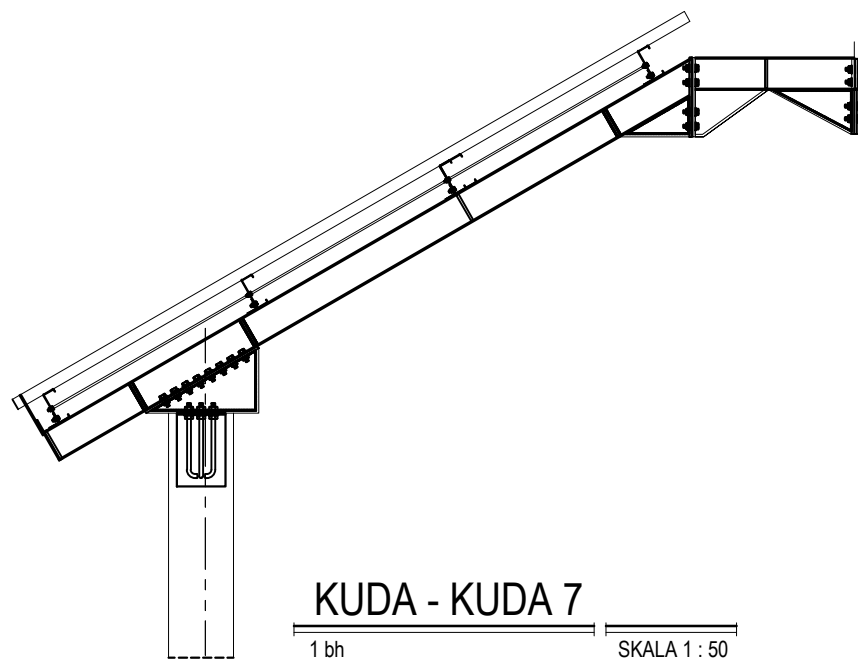
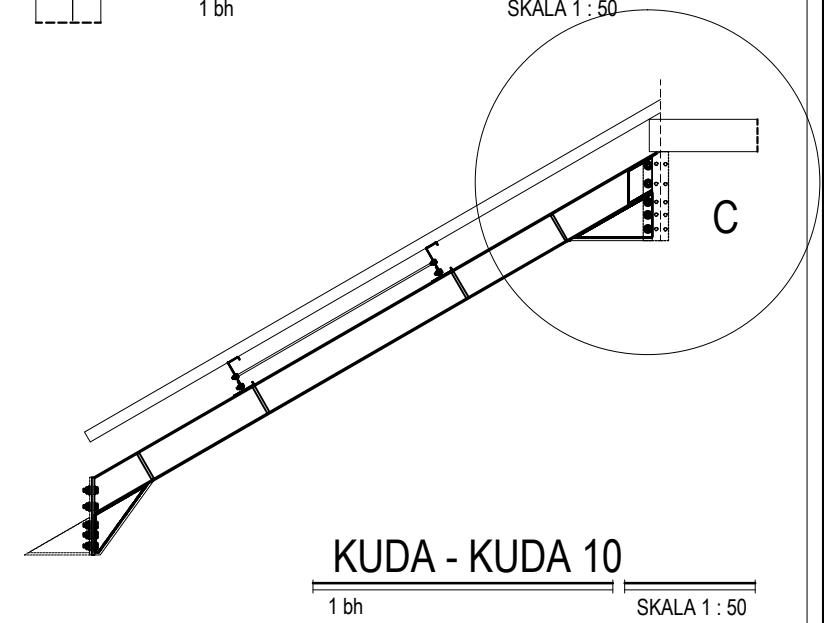
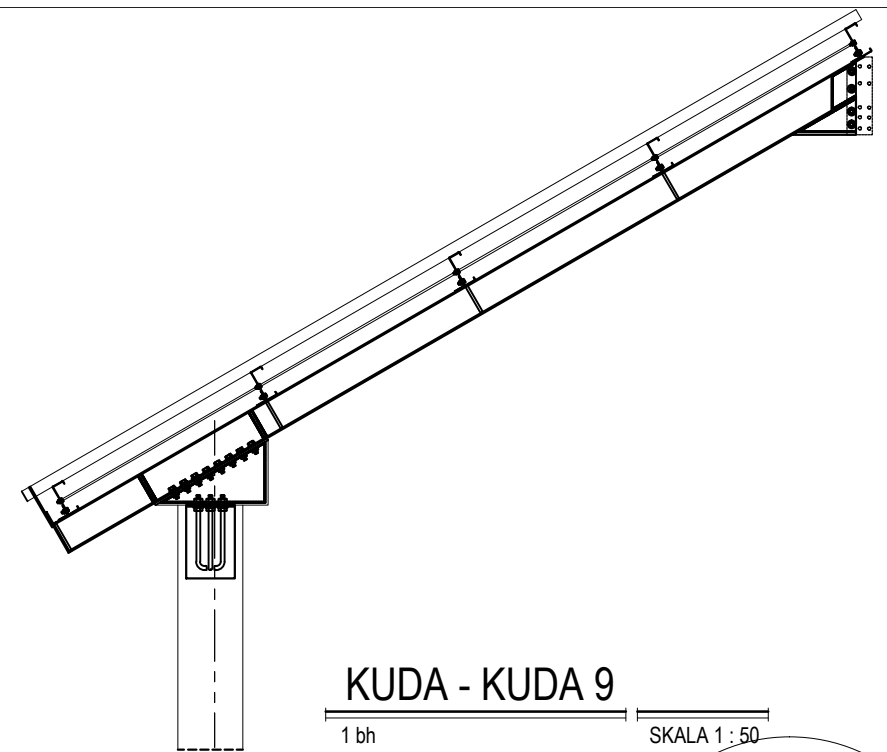
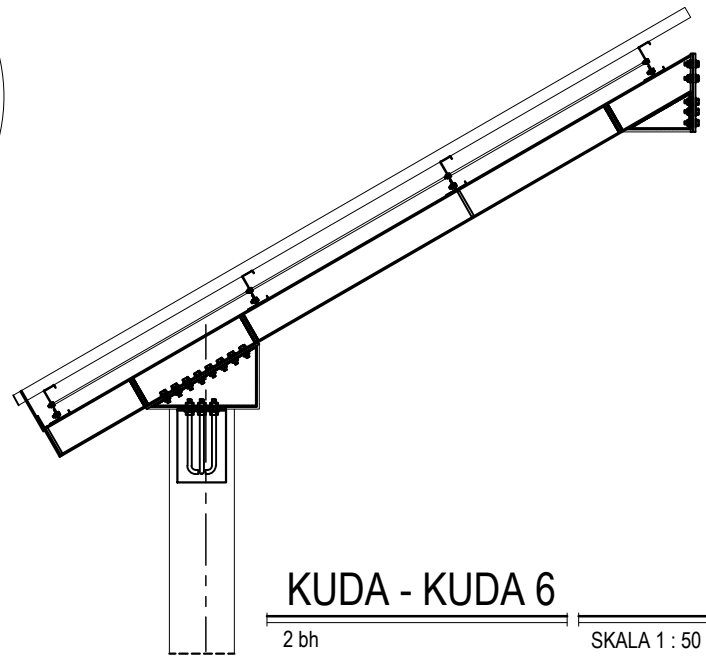
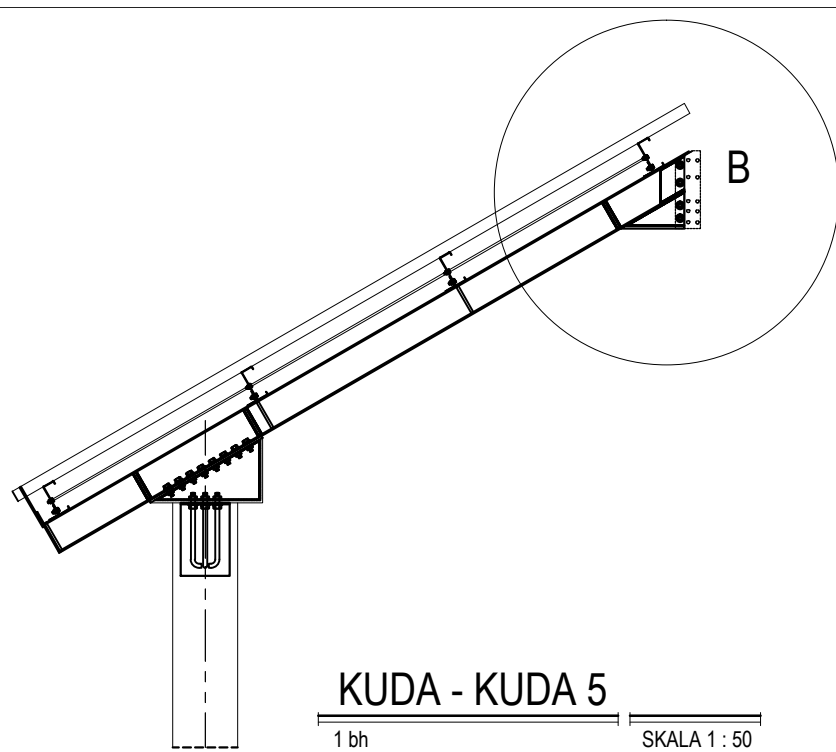
RENCANA

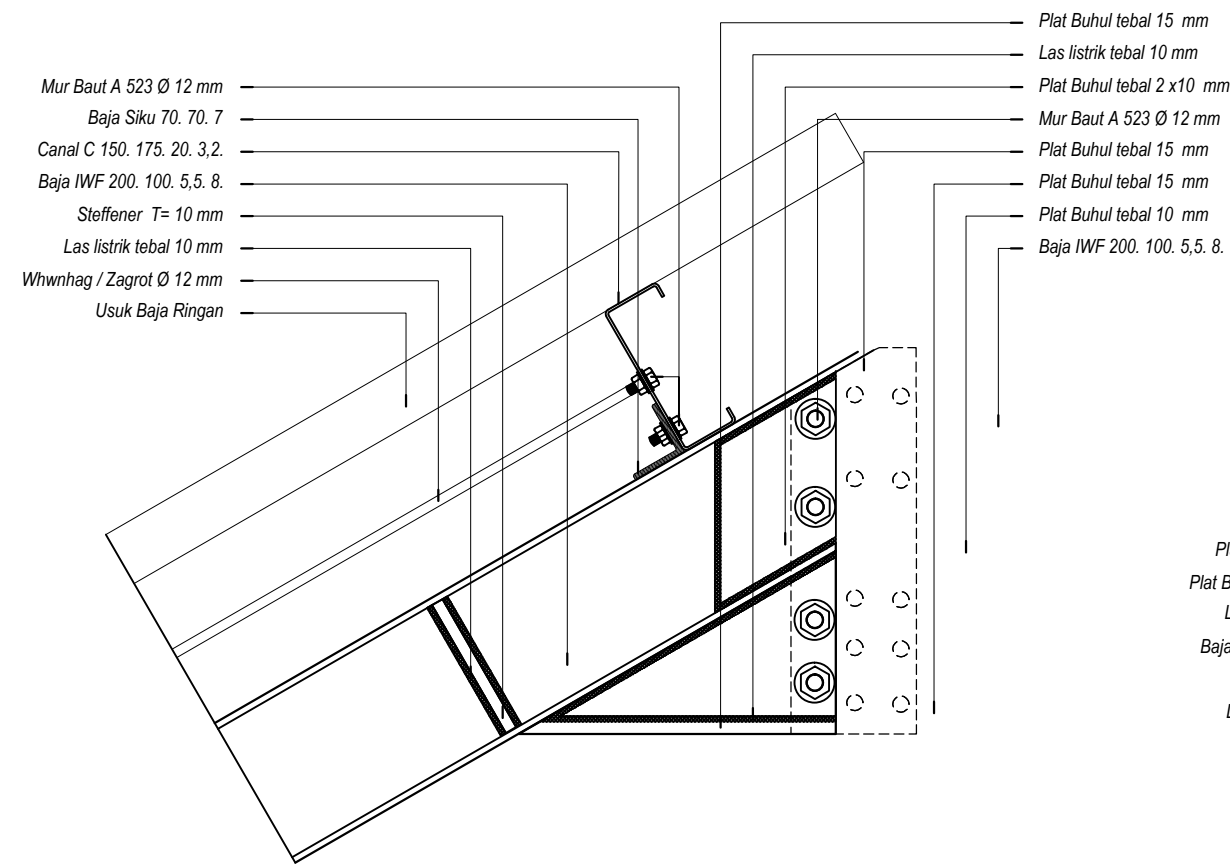
SKALA 1 : 75



LEGENDA		
1	RANGKA KUDA KUDA	IWF 200. 100. 5,5. 8.
2	GORDING	C 200. 150 . 20. 3,2
3	JURAI	2C 200. 75 . 20. 3,2
4	PLAT BUHUL	TEBAL 15 mm
5	PLAT STIFFENER	TEBAL 10 mm
6	PLAT LANDAS	TEBAL 10 mm
7	END PLAT	TEBAL 15 mm
8	ANGKU BAUR	A 325 Ø 25 mm
9	MUR BAUT	A 325 Ø 20 mm
10	LAS LISTRIK	LAS PENUH TEBAL 10 mm
11	TRAC STANG	Ø 12 mm
12	WHENHAG / ZAGROT	Ø 12 mm
13	LISTPLANK	300. 10 mm
14	PENUTUP ATAP	M CLASS
15	PENUTUP ATAP BUBUNGAN	M CLASS







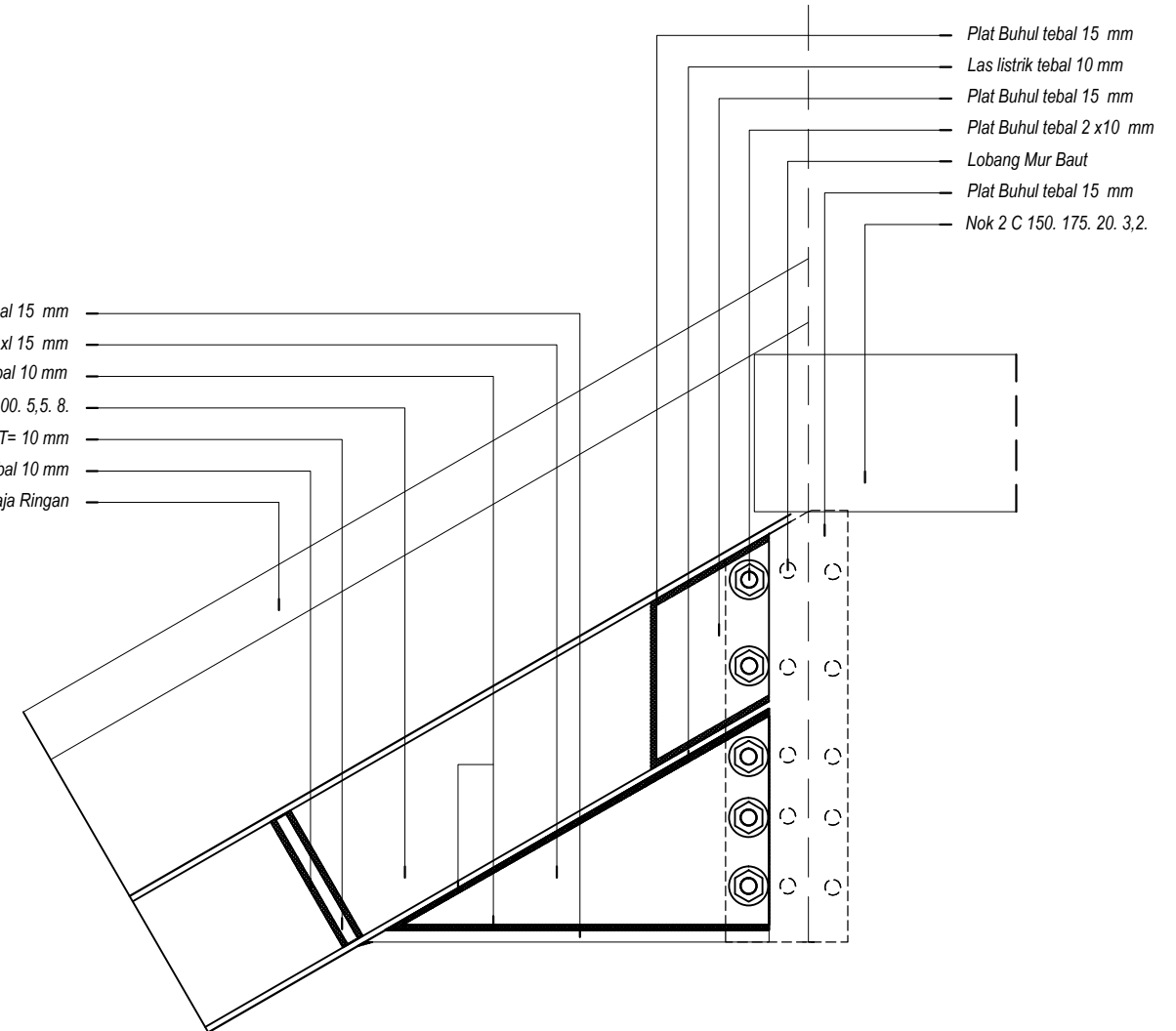
DETAIL B

SKALA 1 :10

- Plat Buhul tebal 15 mm
- Las listrik tebal 10 mm
- Plat Buhul tebal 2 x10 mm
- Mur Baut A 523 Ø 12 mm
- Plat Buhul tebal 15 mm
- Plat Buhul tebal 15 mm
- Plat Buhul tebal 10 mm
- Baja IWF 200. 100. 5.5. 8.

- Mur Baut A 523 Ø 12 mm
- Baja Siku 70. 70. 7
- Canal C 150. 175. 20. 3.2.
- Baja IWF 200. 100. 5.5. 8.
- Steffener T= 10 mm
- Las listrik tebal 10 mm
- Whwnhag / Zagrot Ø 12 mm
- Usuk Baja Ringan

- Plat Buhul tebal 15 mm
- Plat Buhul teba 2 xl 15 mm
- Las listrik tebal 10 mm
- Baja IWF 200. 100. 5.5. 8.
- Steffener T= 10 mm
- Las listrik tebal 10 mm
- Usuk Baja Ringan



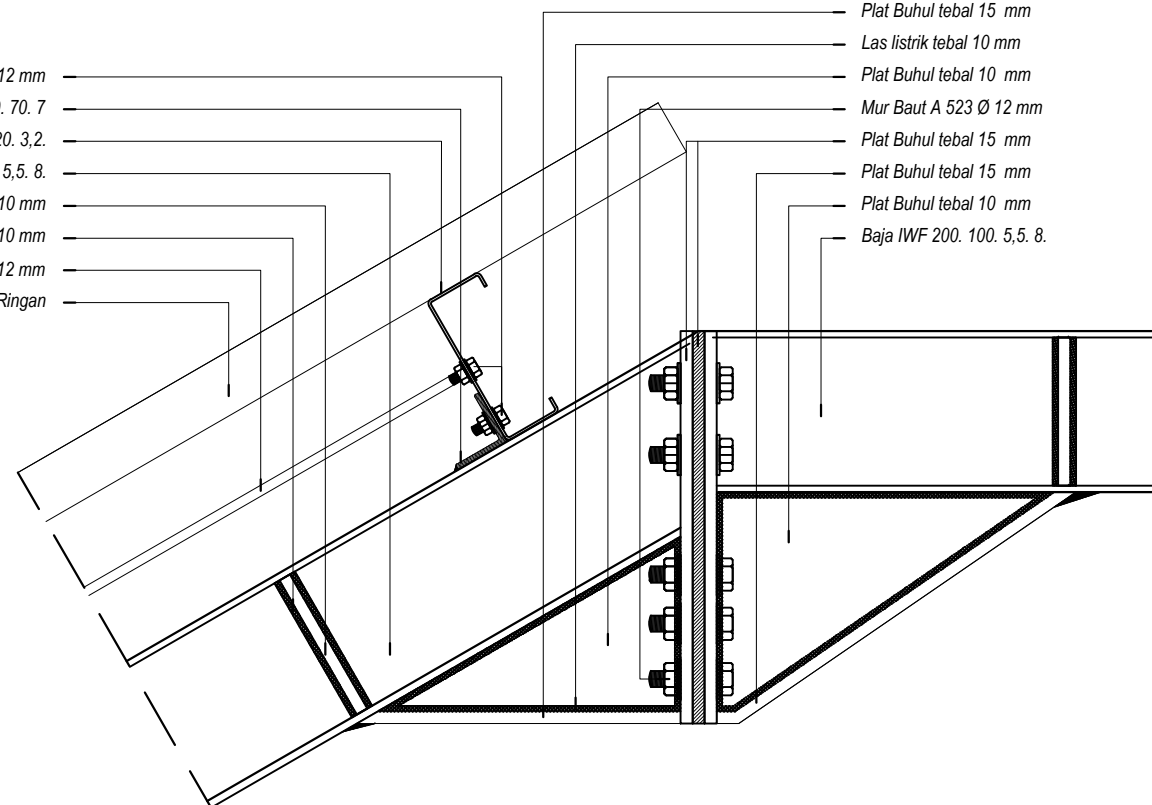
DETAIL C

SKALA 1 :10

- Plat Buhul tebal 15 mm
- Las listrik tebal 10 mm
- Plat Buhul tebal 15 mm
- Plat Buhul tebal 2 x10 mm
- Lobang Mur Baut
- Plat Buhul tebal 15 mm
- Nok 2 C 150. 175. 20. 3.2.

- Mur Baut A 523 Ø 12 mm
- Baja Siku 70. 70. 7
- Canal C 150. 175. 20. 3.2.
- Baja IWF 200. 100. 5.5. 8.
- Steffener T= 10 mm
- Las listrik tebal 10 mm
- Whwnhag / Zagrot Ø 12 mm
- Usuk Baja Ringan

- Plat Buhul tebal 15 mm
- Las listrik tebal 10 mm
- Plat Buhul tebal 10 mm
- Mur Baut A 523 Ø 12 mm
- Plat Buhul tebal 15 mm
- Plat Buhul tebal 15 mm
- Plat Buhul tebal 10 mm
- Baja IWF 200. 100. 5.5. 8.

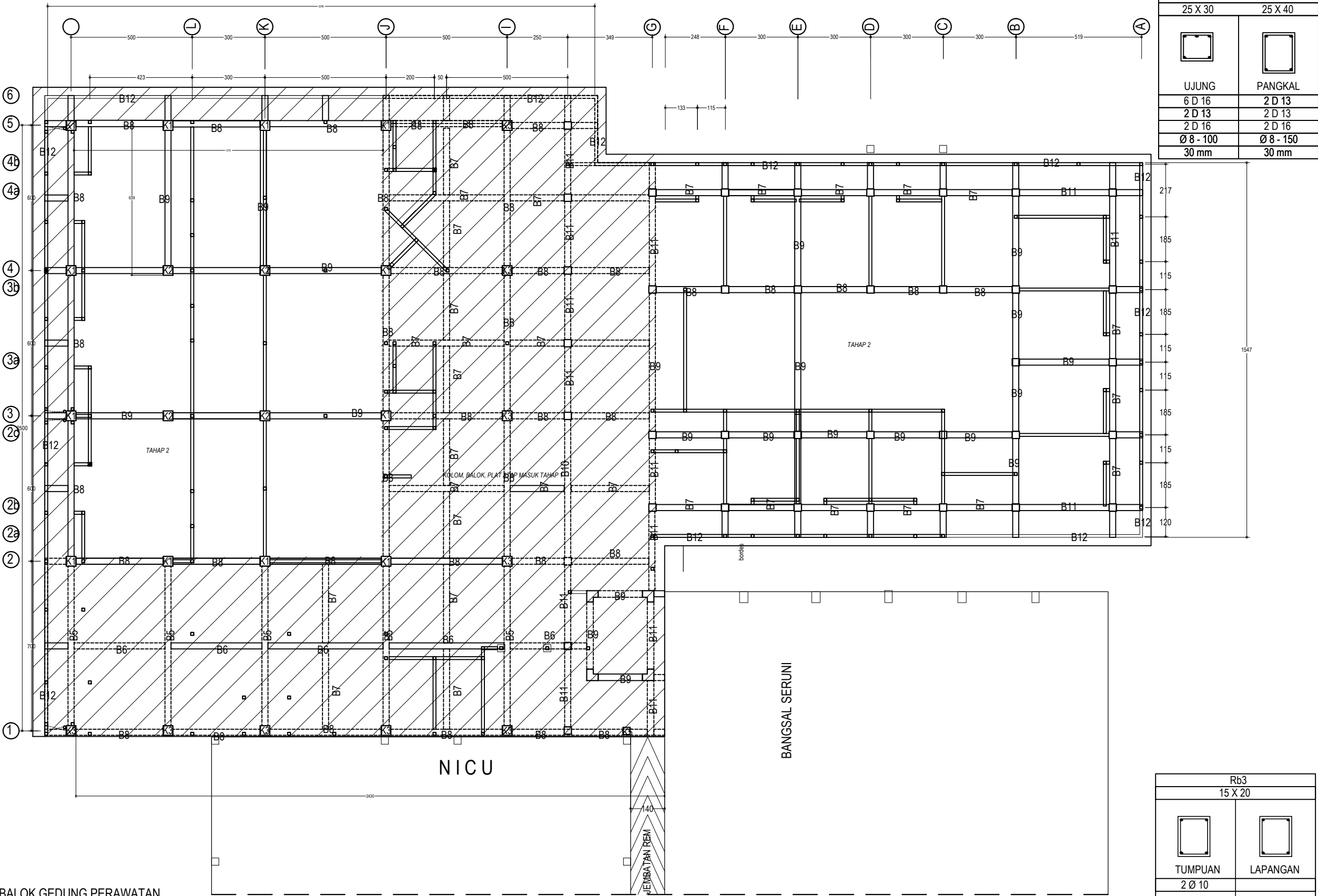


DETAIL A

SKALA 1 :10

TABEL PENULANGAN BETON

TYPE BALOK	B5		B6		B7		B8		B9		B10		B11		B12	
UKURAN BALOK	25 X 60		25 X 45		25 X 45		25 X 50		25 X 40		25 X 50		25 X 45		15 X 30	
TULANGAN ATAS	5 D 19	2 D 19	3 D 19	2 D 16	3 D 16	3 D 16	5 D 19	3 D 19	3 D 16	2 D 16	4 D 16	3 D 16	4 D 16	3 D 16	3 D 13	2 D 13
TULANGAN TENGAH	2 D 16	2 D 16	2 D 13	2 D 13	2 D 13	2 D 13	4 D 16	4 D 16			2 D 13		2 D 13	2 D 13		
TULANGAN BAWAH	3 D 19	2 D 19	2 D 19	3 D 16	3 D 16	3 D 16	3 D 19	3 D 19	2 D 16	3 D 16	3 D 16	4 D 16	2 D 16	4 D 16	2 D 13	3 D 16
SENGKANG	Ø 10 - 100	Ø 10 - 100	Ø 8 - 100	Ø 8 - 150	Ø 8 - 100	Ø 8 - 150	Ø 8 - 100	Ø 8 - 150	Ø 8 - 100	Ø 8 - 150	Ø 8 - 100	Ø 8 - 150	Ø 8 - 100	Ø 8 - 150	Ø 8 - 100	Ø 8 - 150
SELIMUT BETON	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm



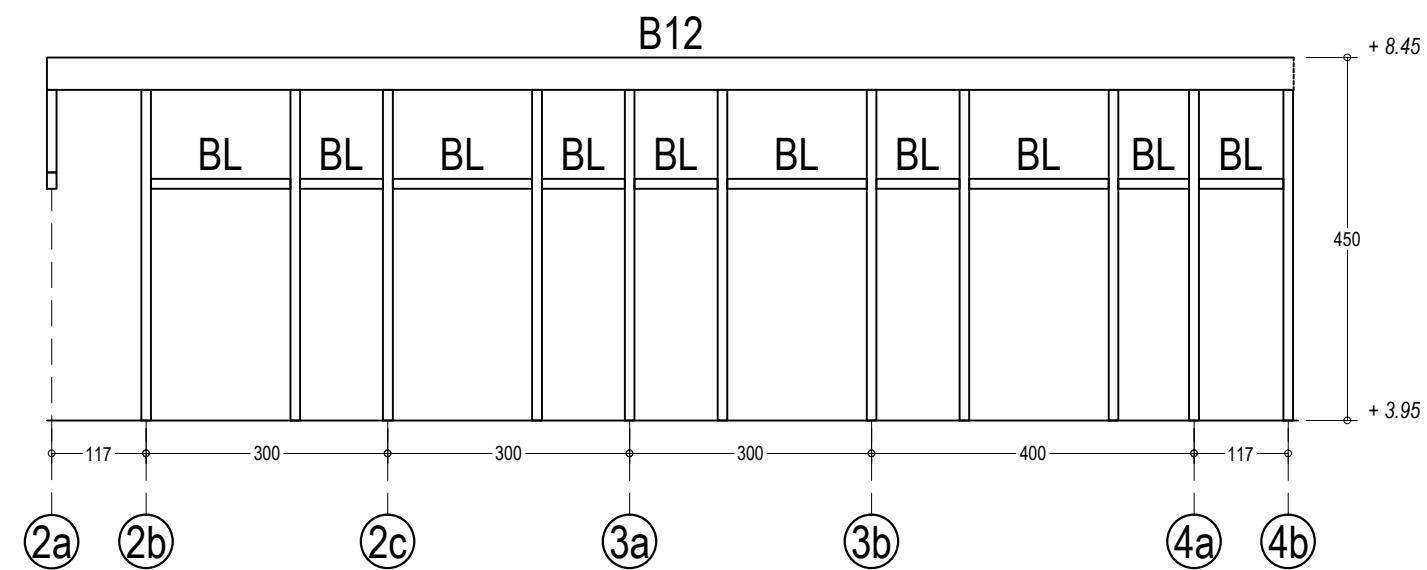
BK	
25 X 30	25 X 40
UJUNG	PANGKAL
6 D 16	2 D 13
2 D 13	2 D 13
2 D 16	2 D 16
Ø 8 - 100	Ø 8 - 150
30 mm	30 mm

Rb3	
15 X 20	
TUMPUAN	LAPANGAN
2 Ø 10	
2 Ø 10	
Ø 6 - 150	Ø 6 - 150
30 mm	30 mm

DENAH BALOK GEDUNG PERAWATAN
LANTAI - 2

ELV. 8.35 m

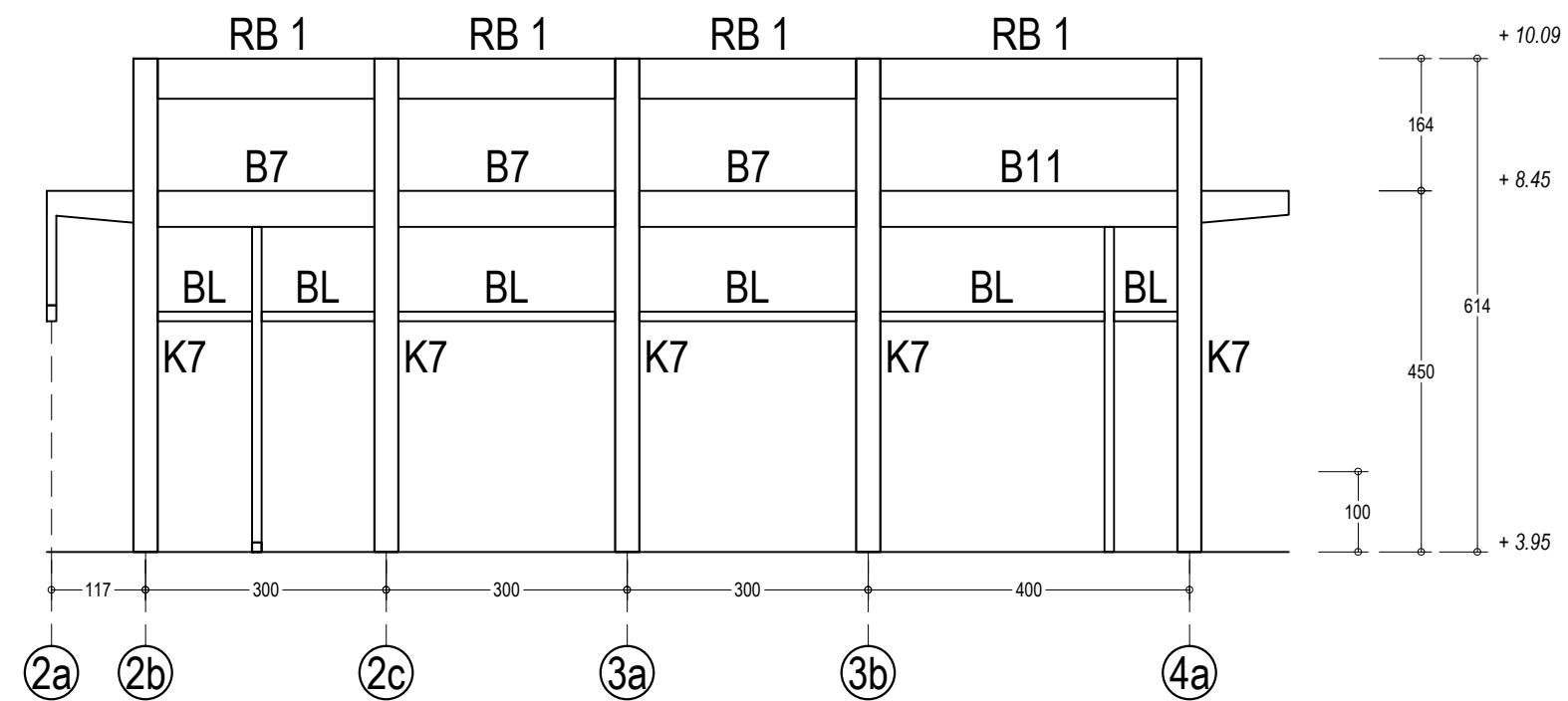
SKALA 1:175



BAGAN PORTAL AS A

THP 2

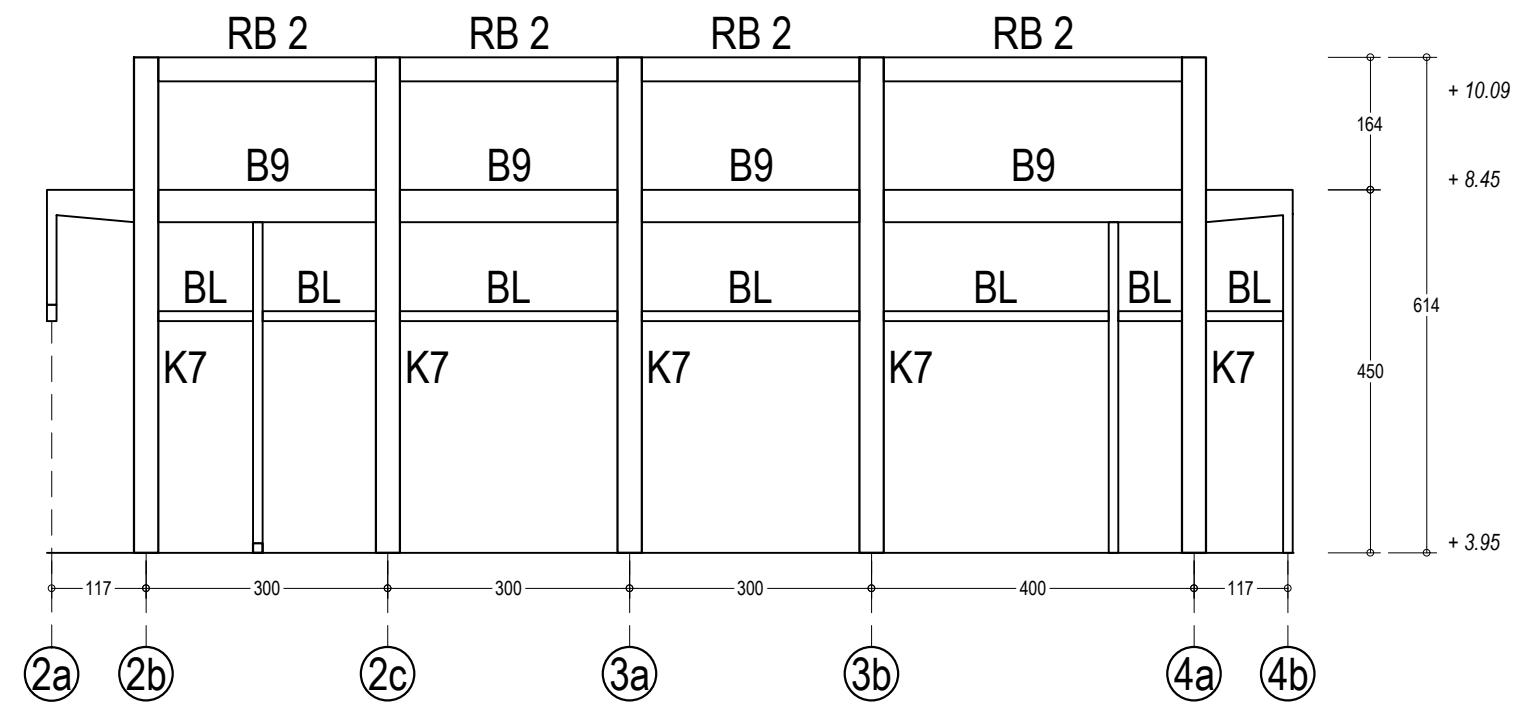
SKALA 1 : 100



BAGAN PORTAL AS A'

THP 2

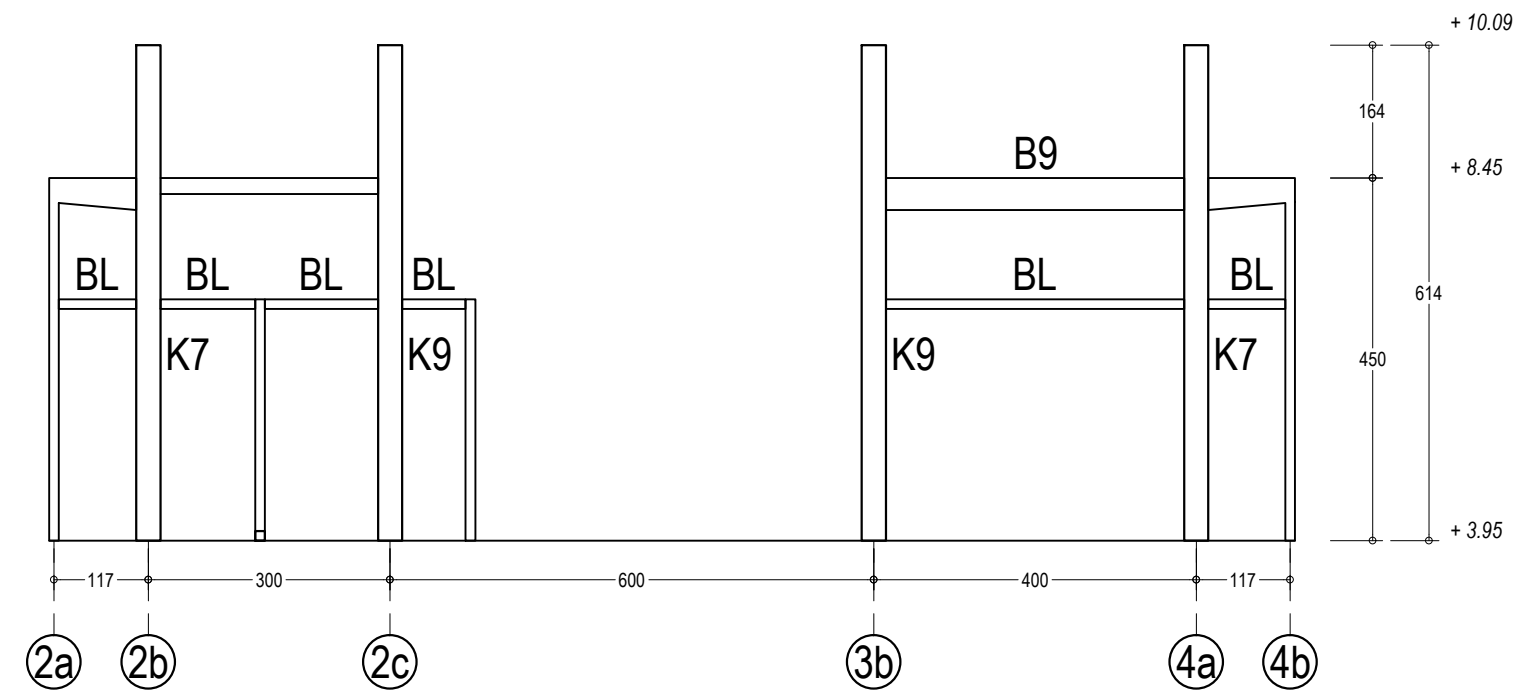
SKALA 1 : 100



BAGAN PORTAL AS B

THP 2

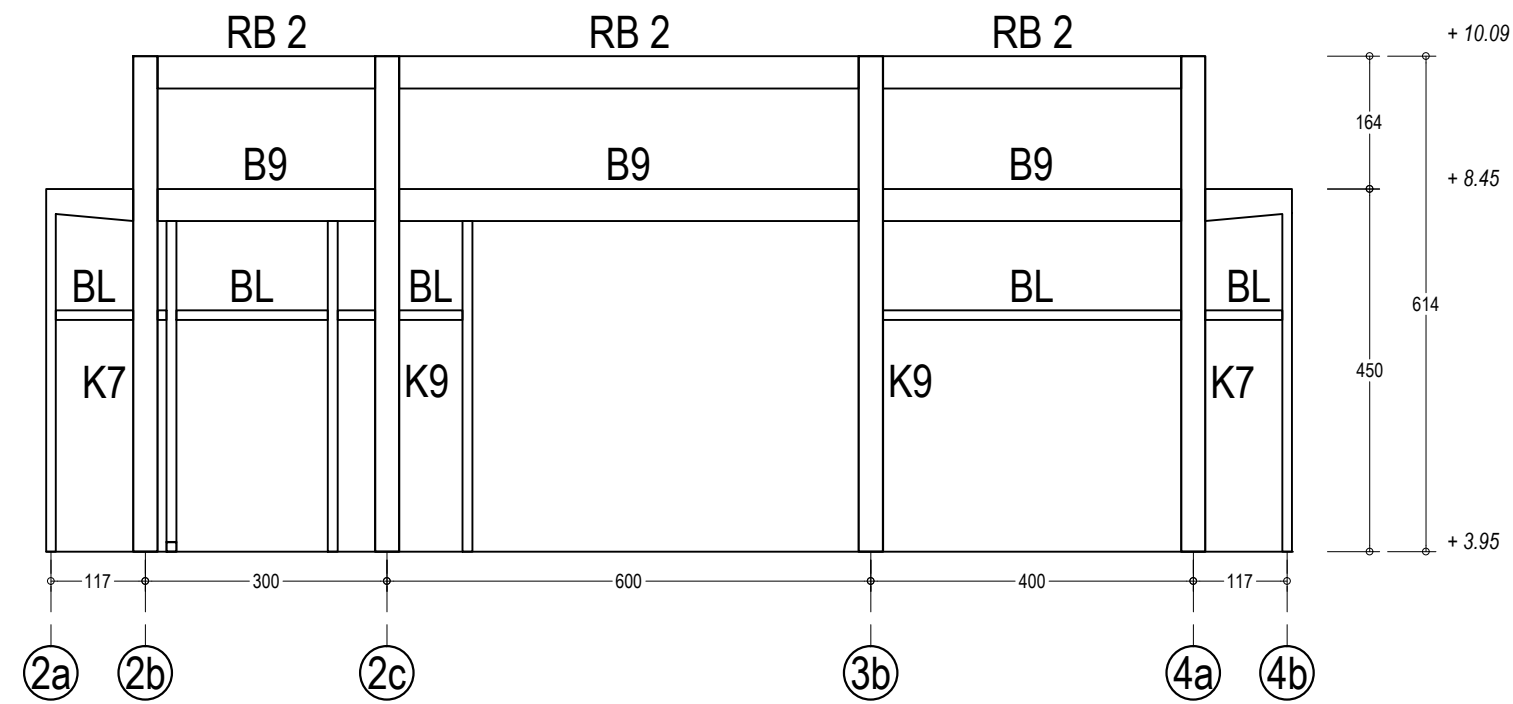
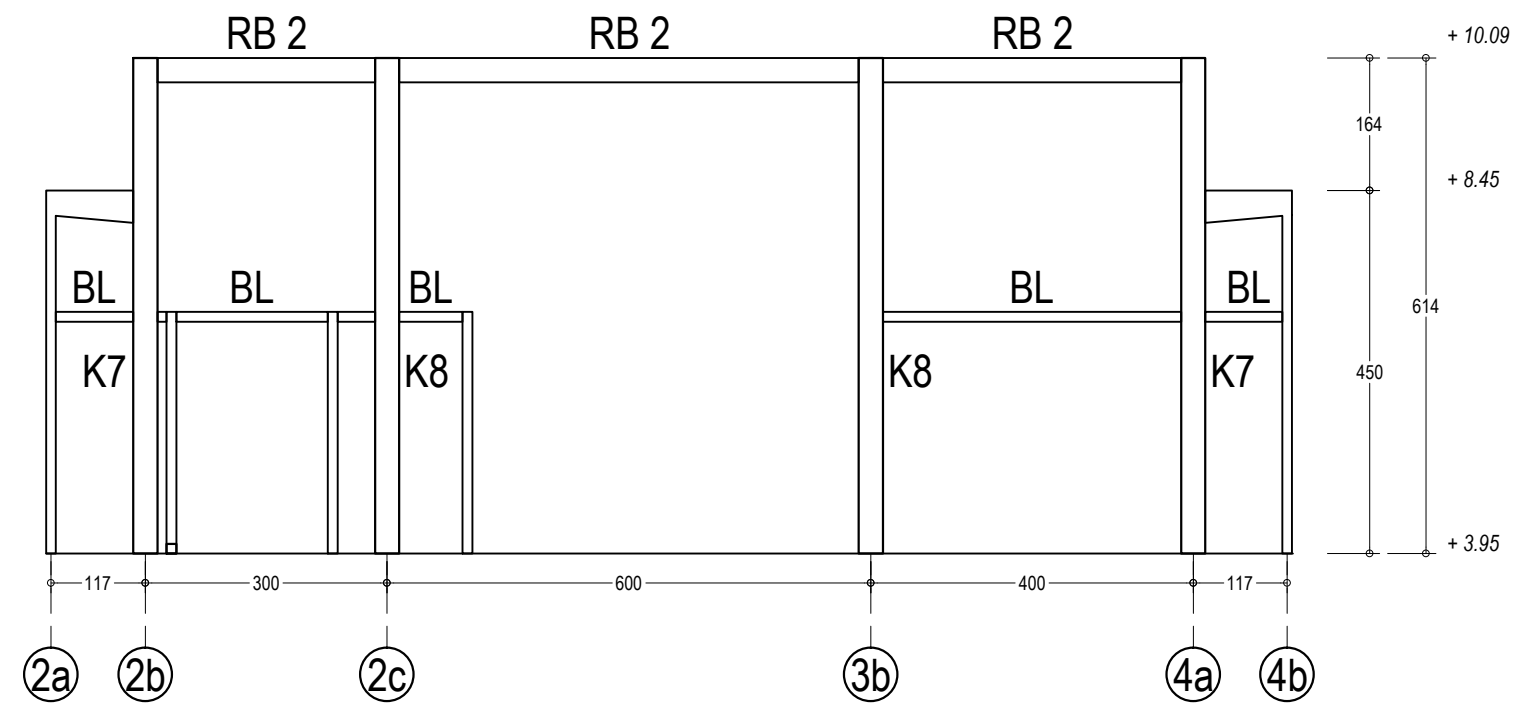
SKALA 1 : 100

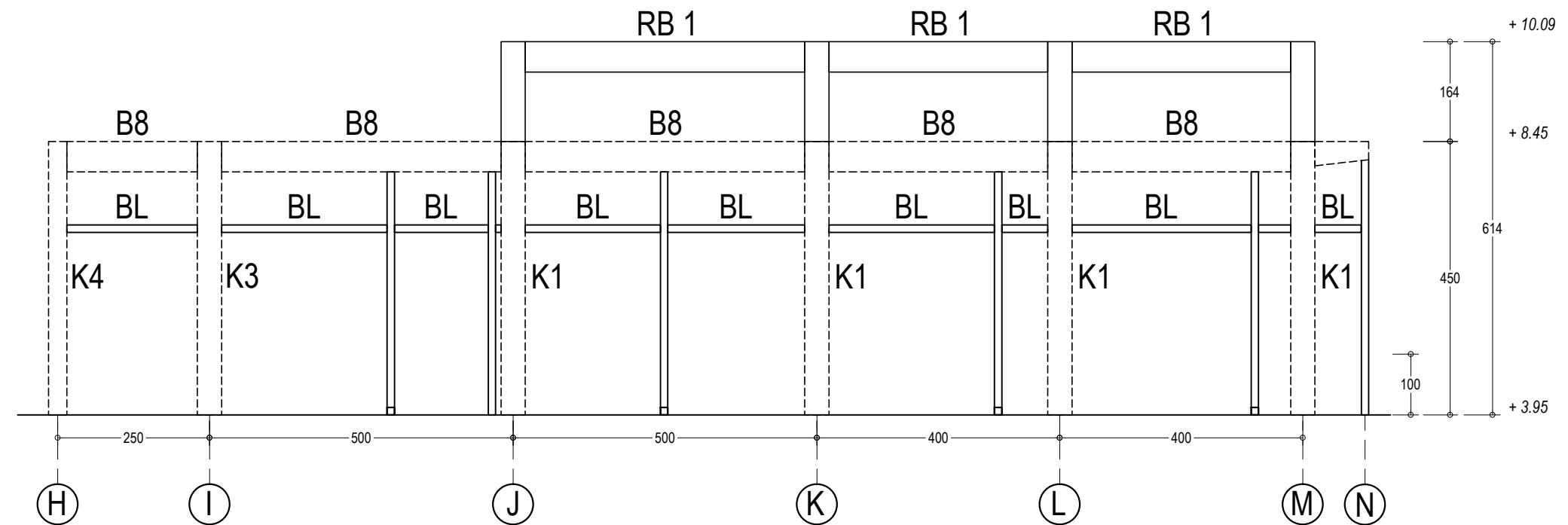


BAGAN PORTAL AS C

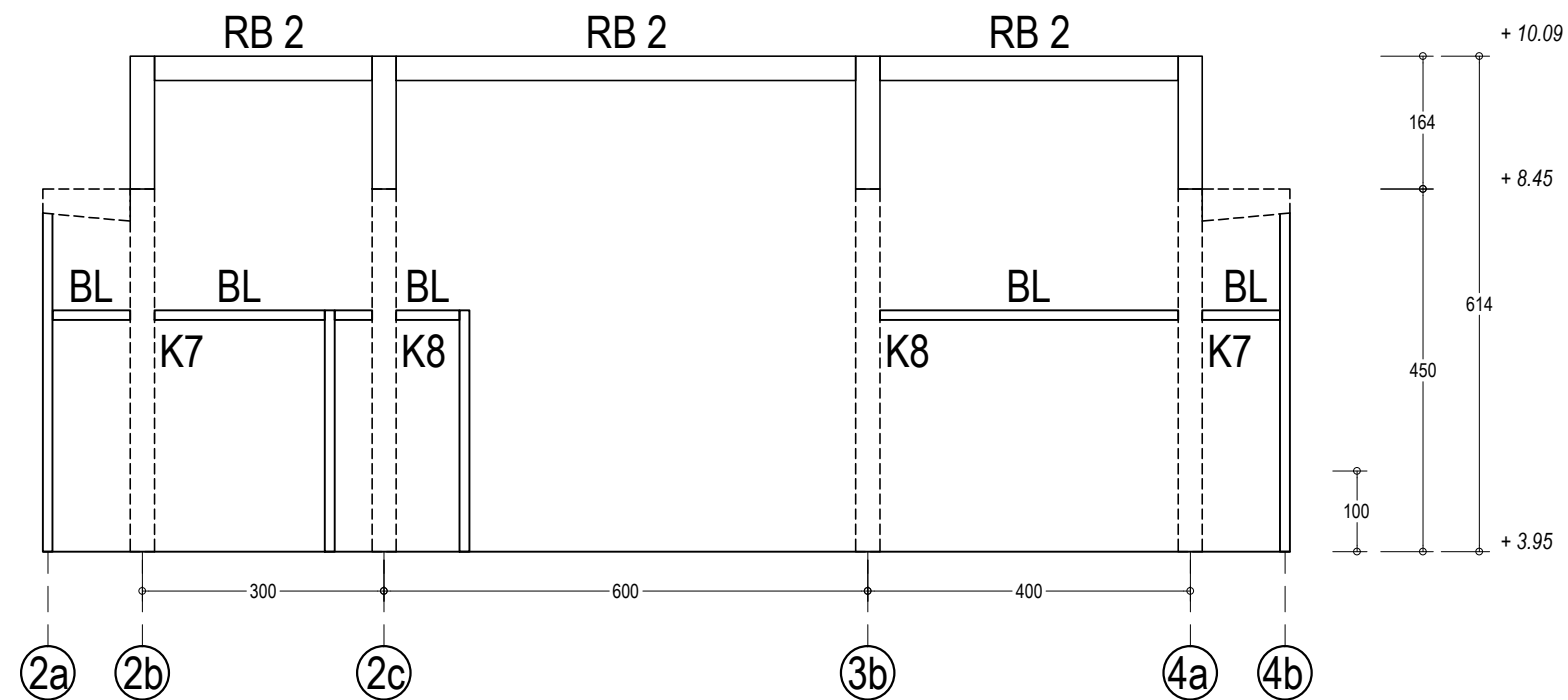
THP 2

SKALA 1 : 100

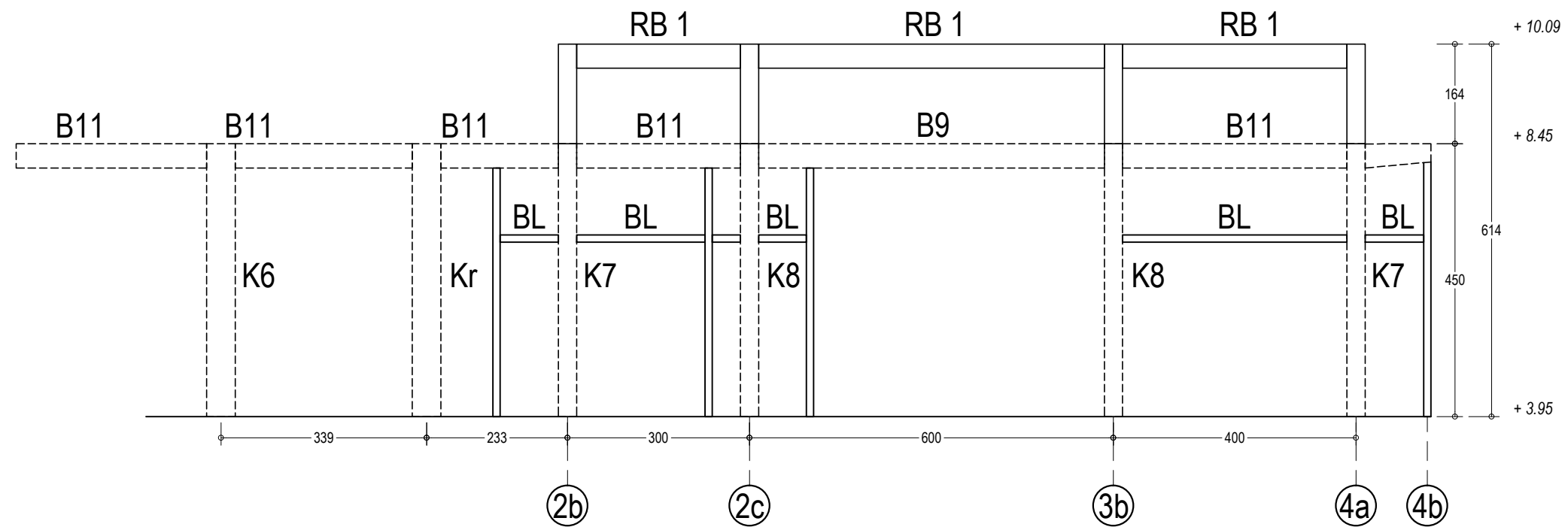




BAGAN PORTAL AS 5
THP 2 SKALA 1 : 100



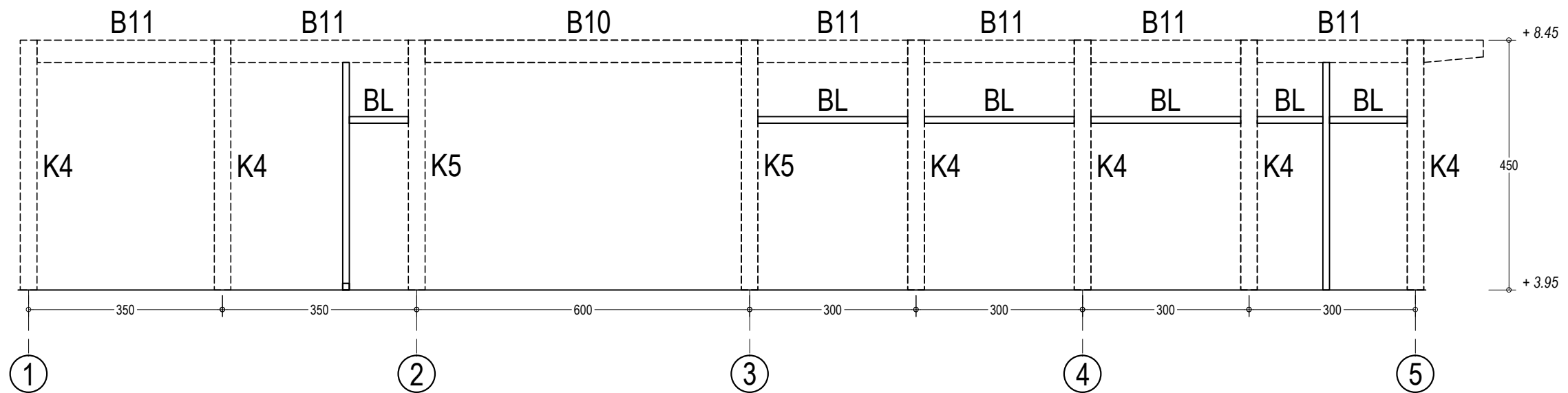
BAGAN PORTAL AS F
THP 2 SKALA 1 : 100



BAGAN PORTAL AS G

THP 2

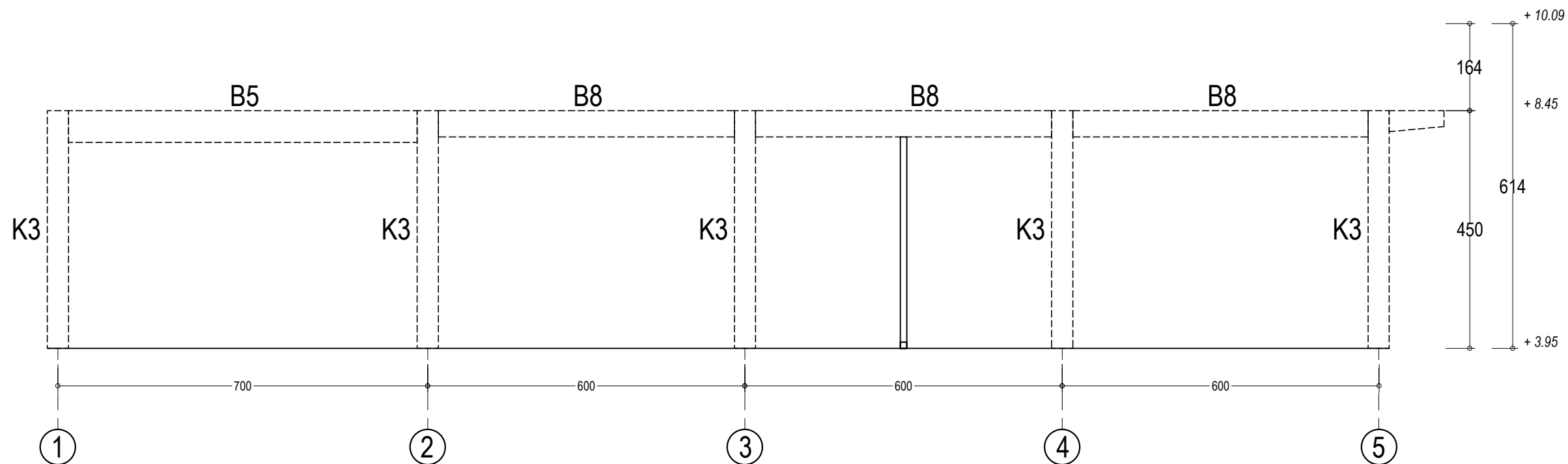
SKALA 1 : 100



BAGAN PORTAL AS H

THP 2

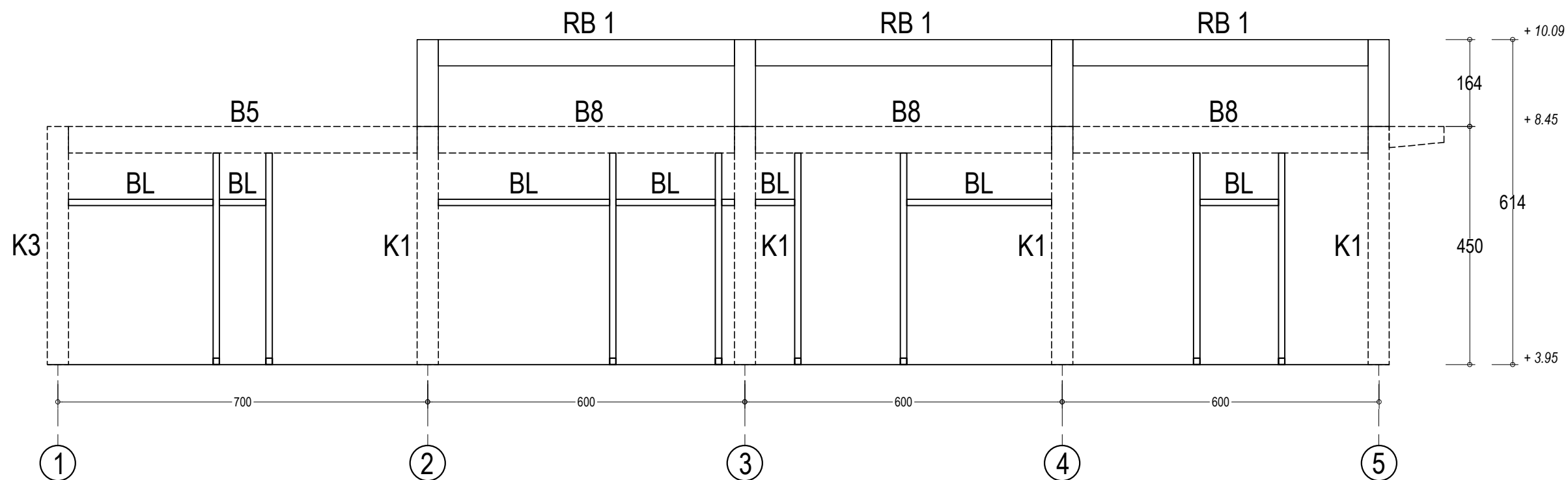
SKALA 1 : 100



BAGAN PORTAL AS I

THP 2

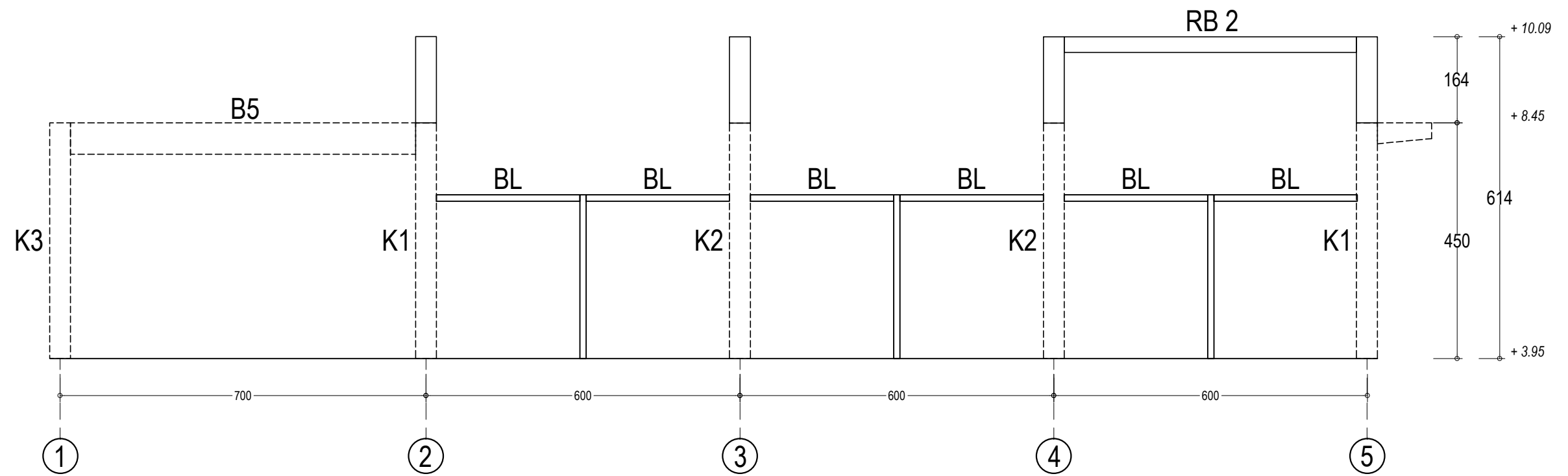
SKALA 1 : 100



BAGAN PORTAL AS J

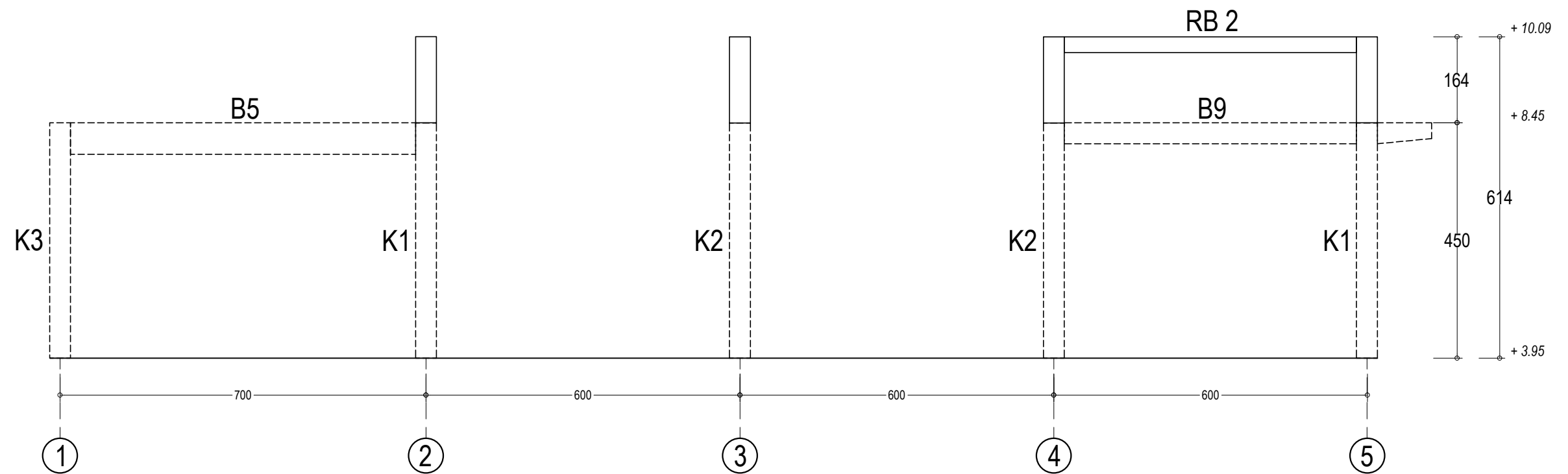
THP 2

SKALA 1 : 100



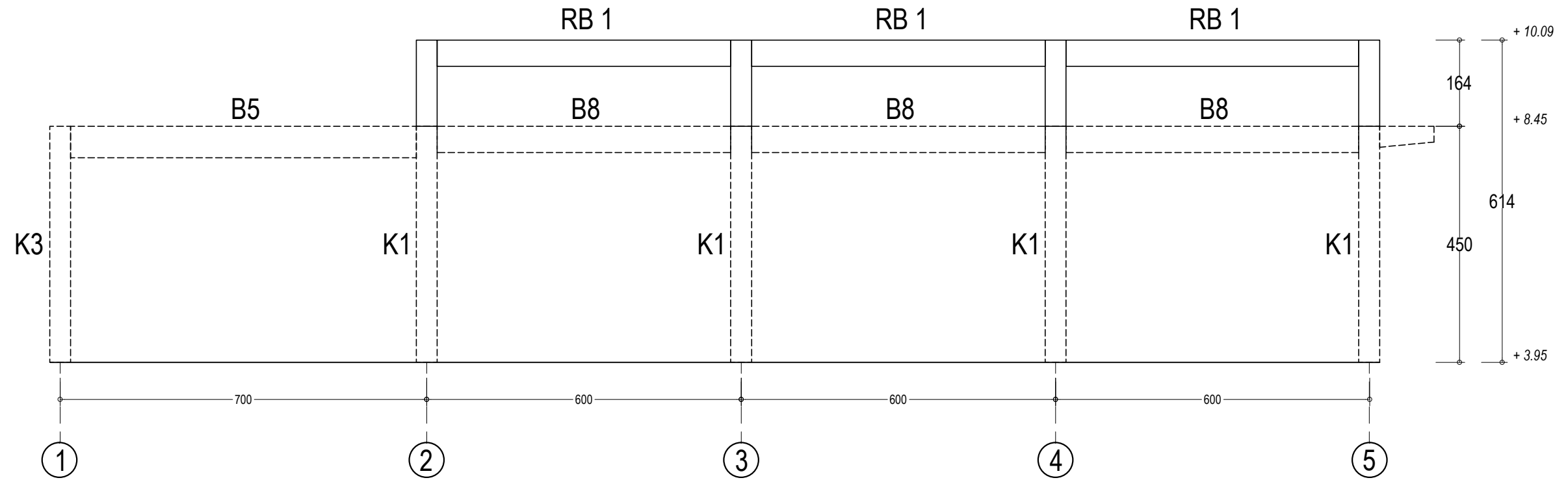
BAGAN PORTAL AS K

THP 2 SKALA 1 : 100



BAGAN PORTAL AS L

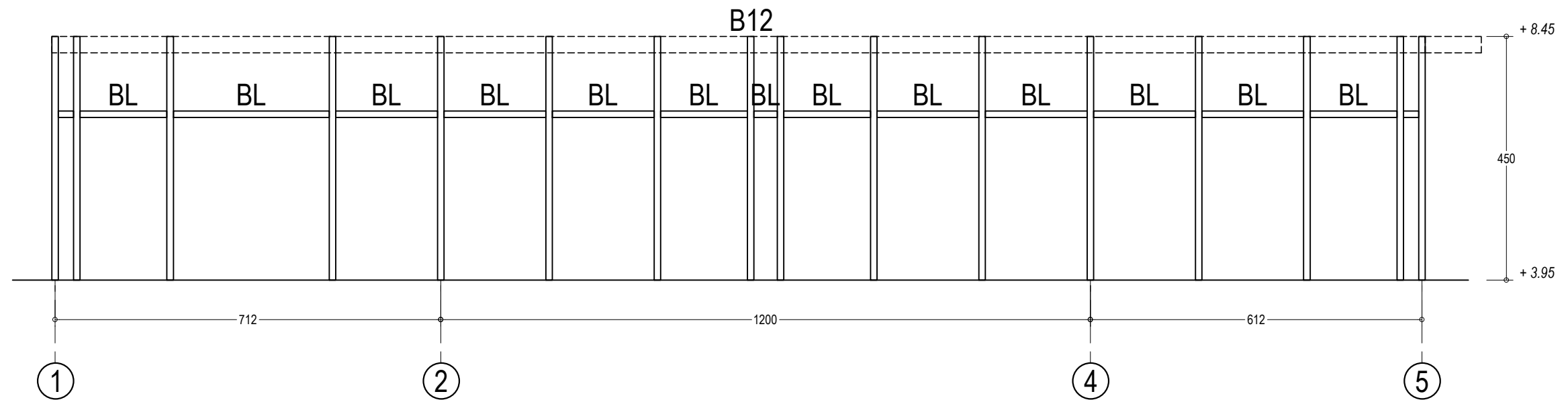
THP 2 SKALA 1 : 100



BAGAN PORTAL AS M

THP 2

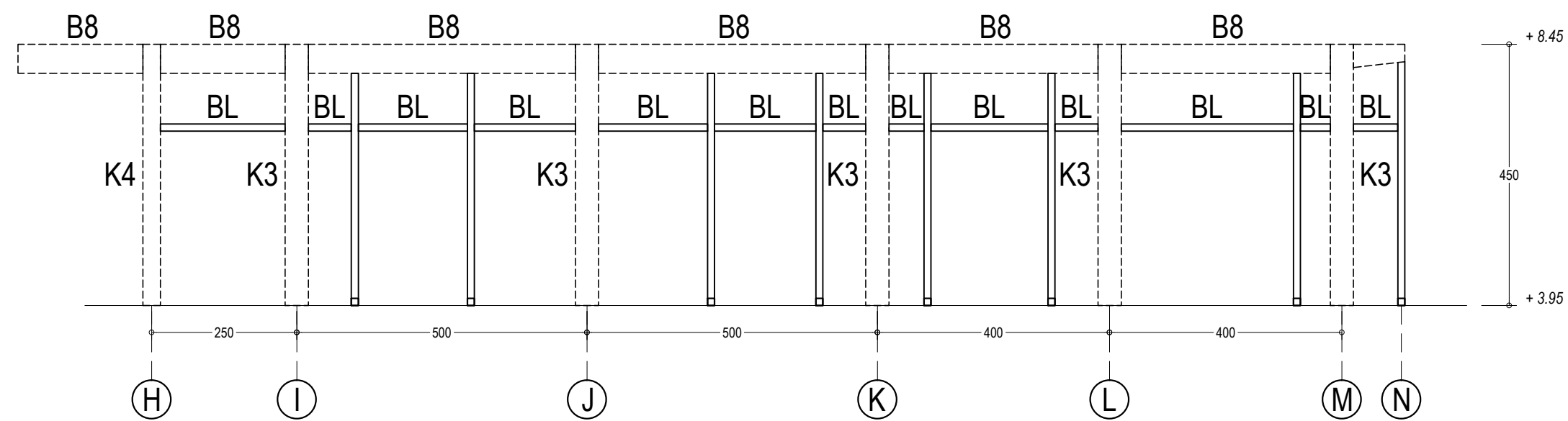
SKALA 1 : 100



BAGAN PORTAL AS N

THP 2

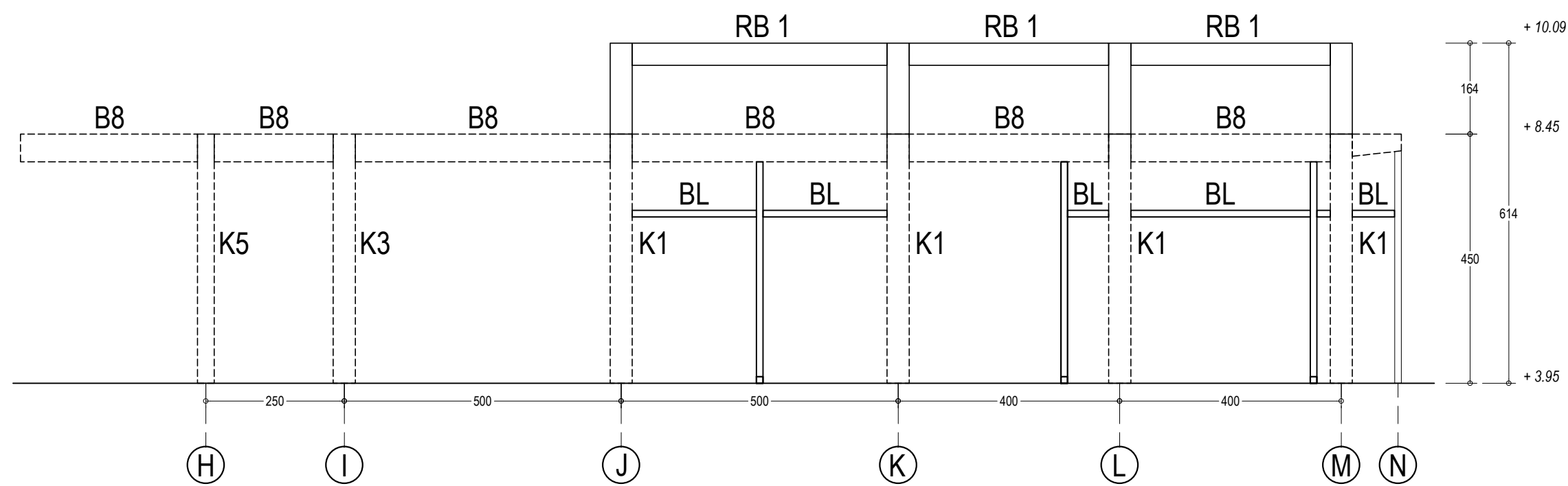
SKALA 1 : 100



BAGAN PORTAL AS 1

THP 2

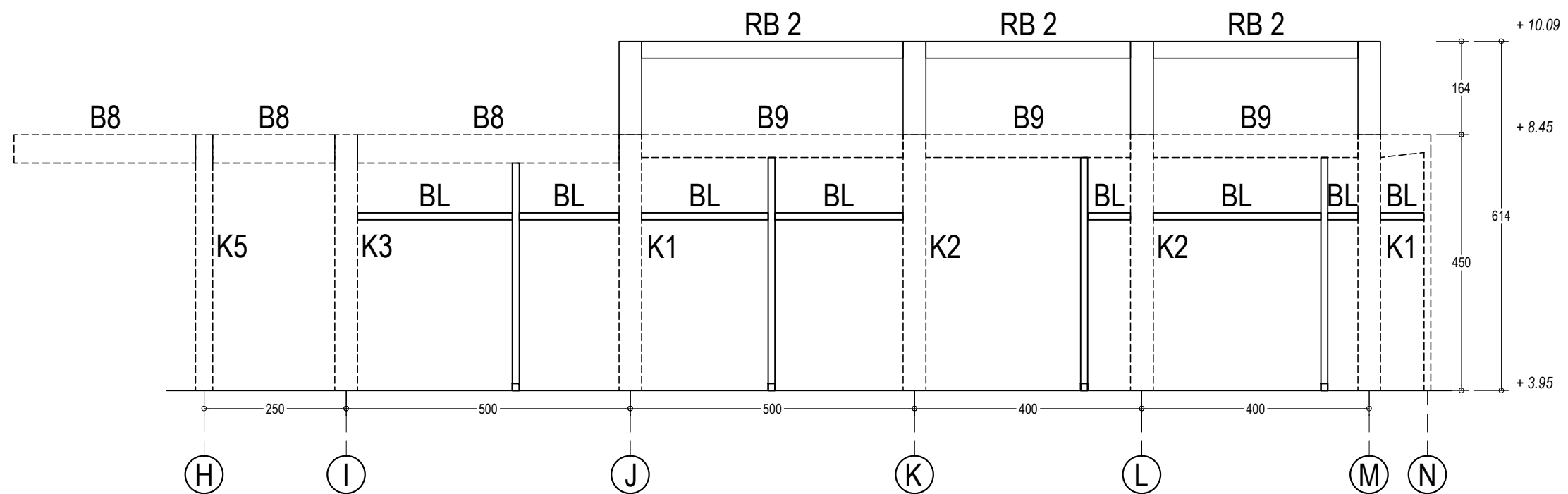
SKALA 1 : 100



BAGAN PORTAL AS 2

THP 2

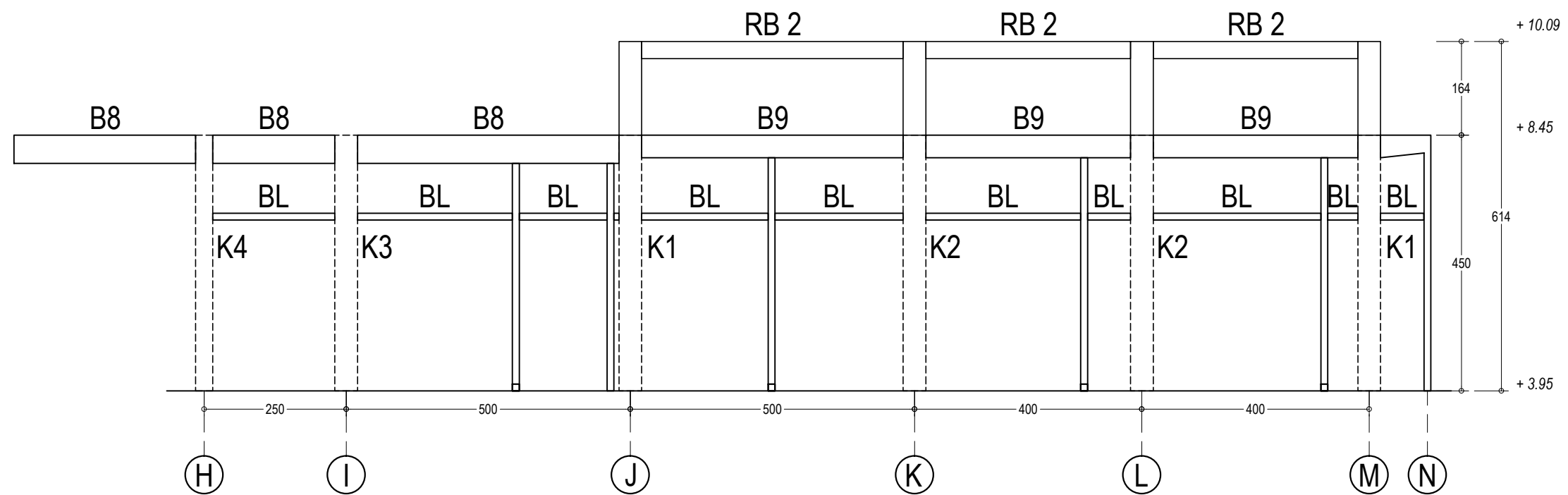
SKALA 1 : 100



BAGAN PORTAL AS 3

THP 2

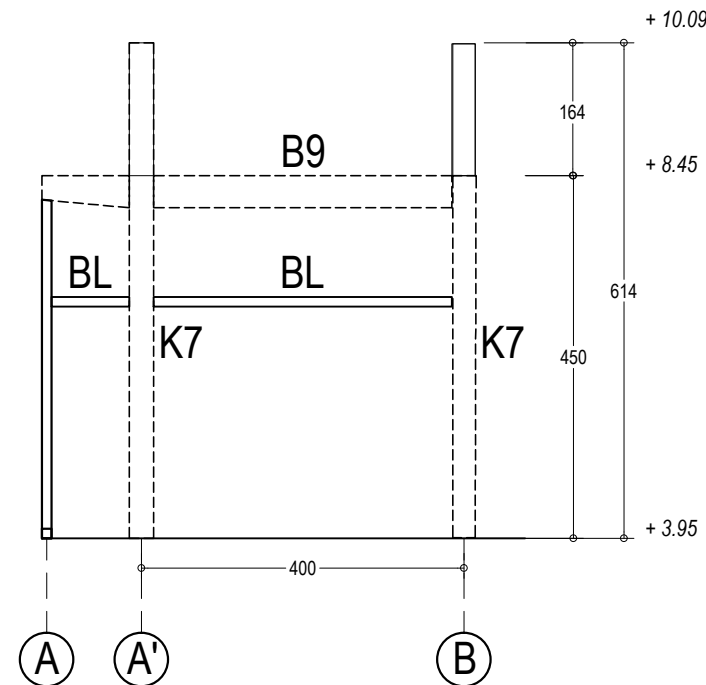
SKALA 1 : 100



BAGAN PORTAL AS 4

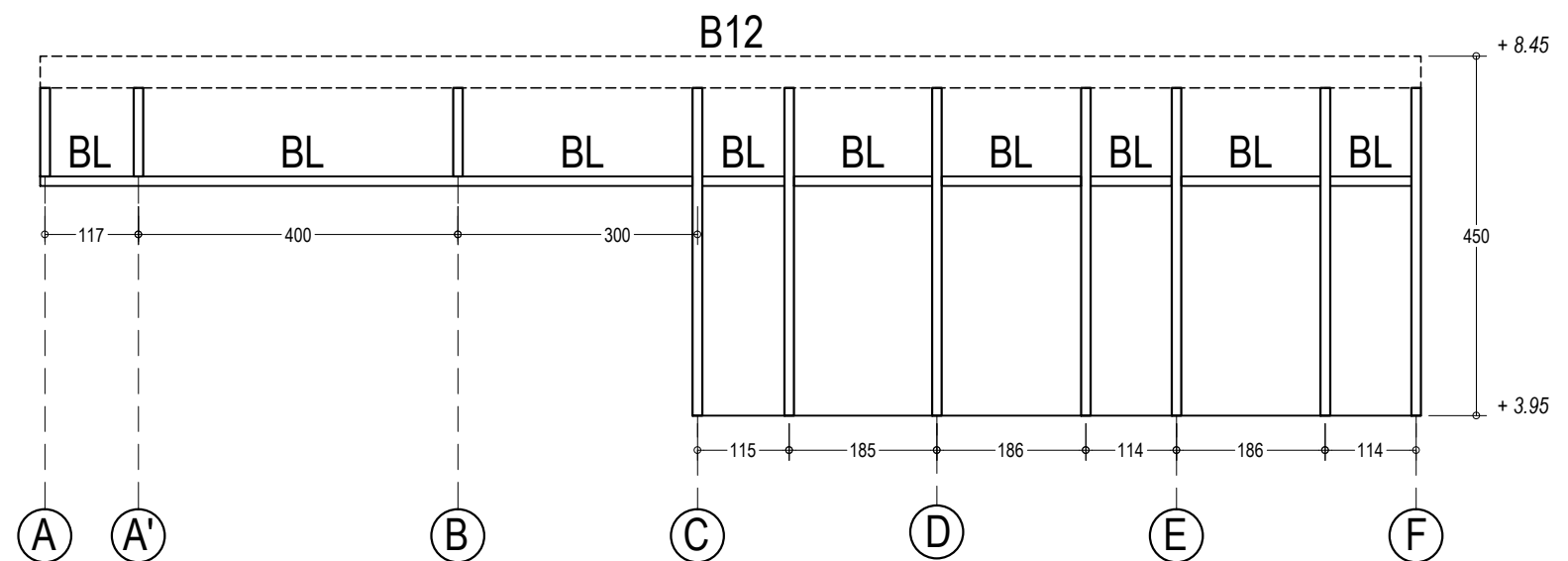
THP 2

SKALA 1 : 100



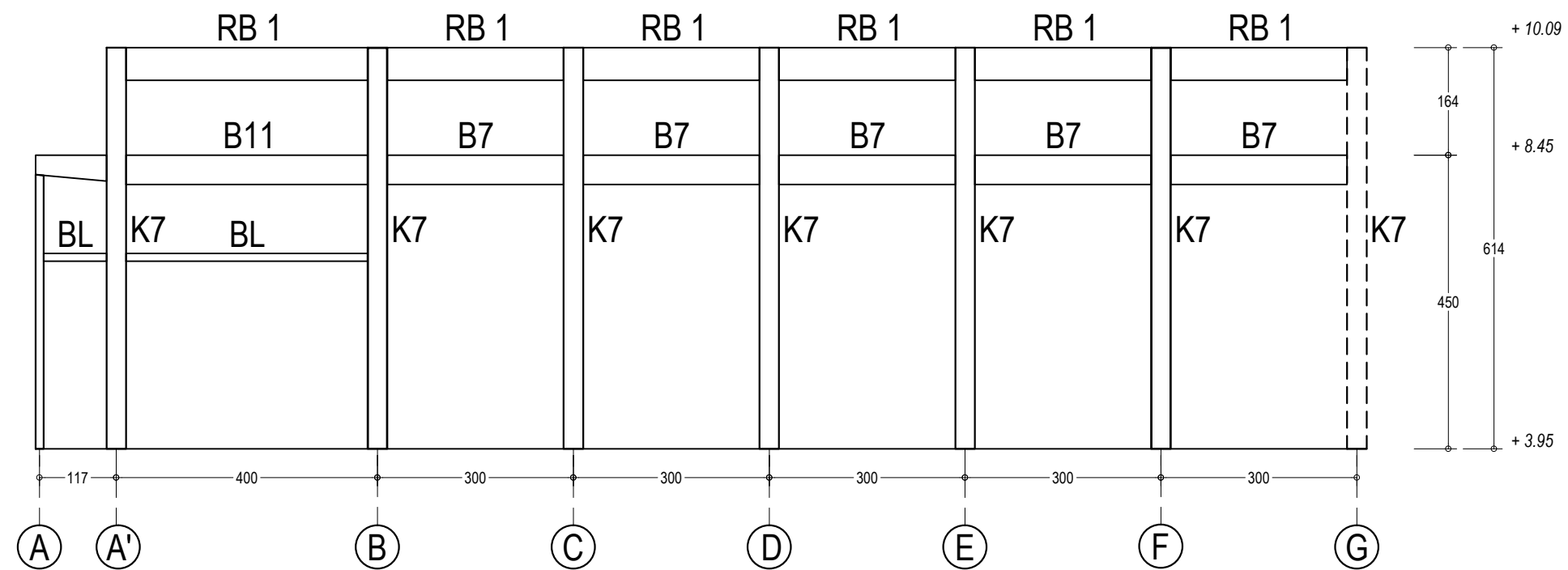
BAGAN PORTAL AS 3a

THP 2 SKALA 1 : 100



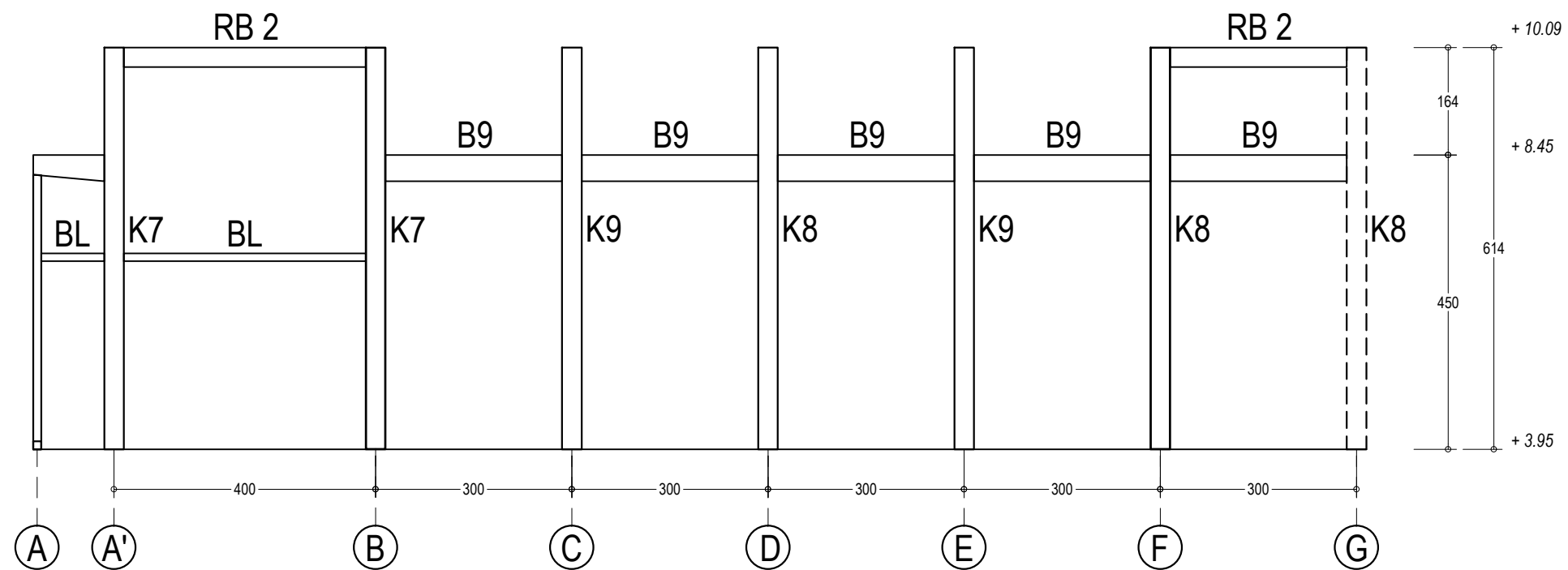
BAGAN PORTAL AS 2a

THP 2 SKALA 1 : 100



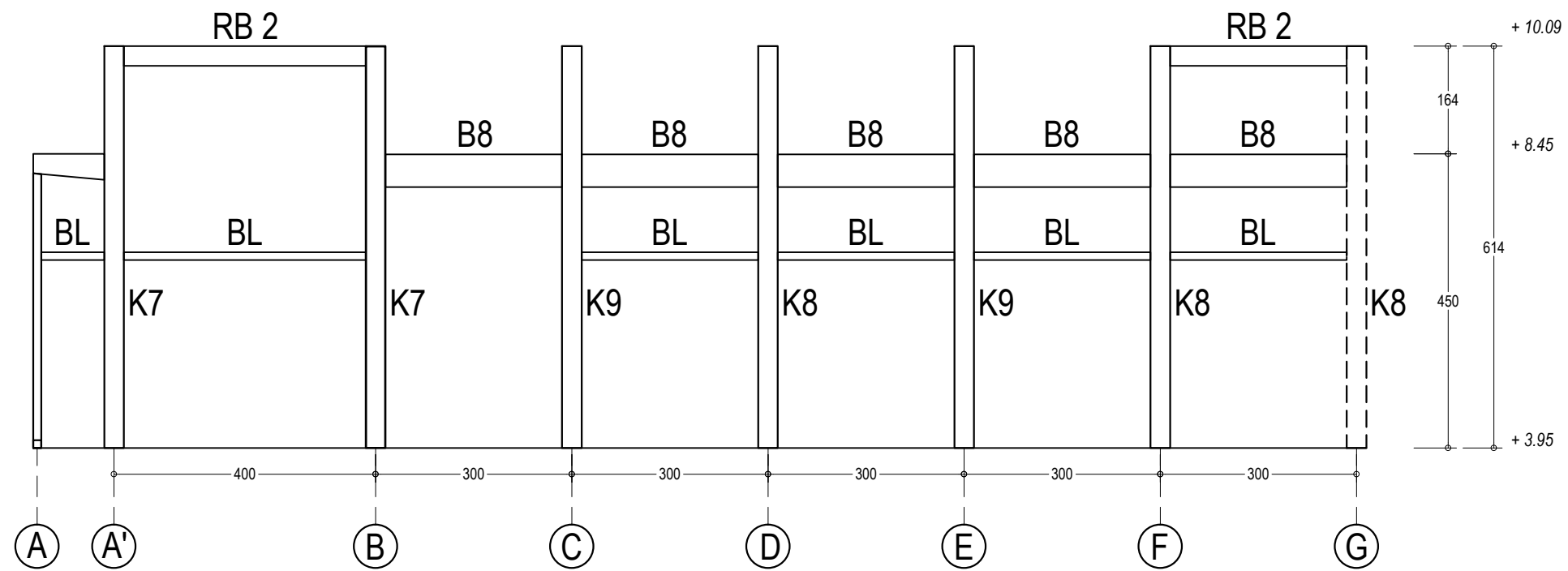
BAGAN PORTAL AS 2b

THP 2 SKALA 1 : 100



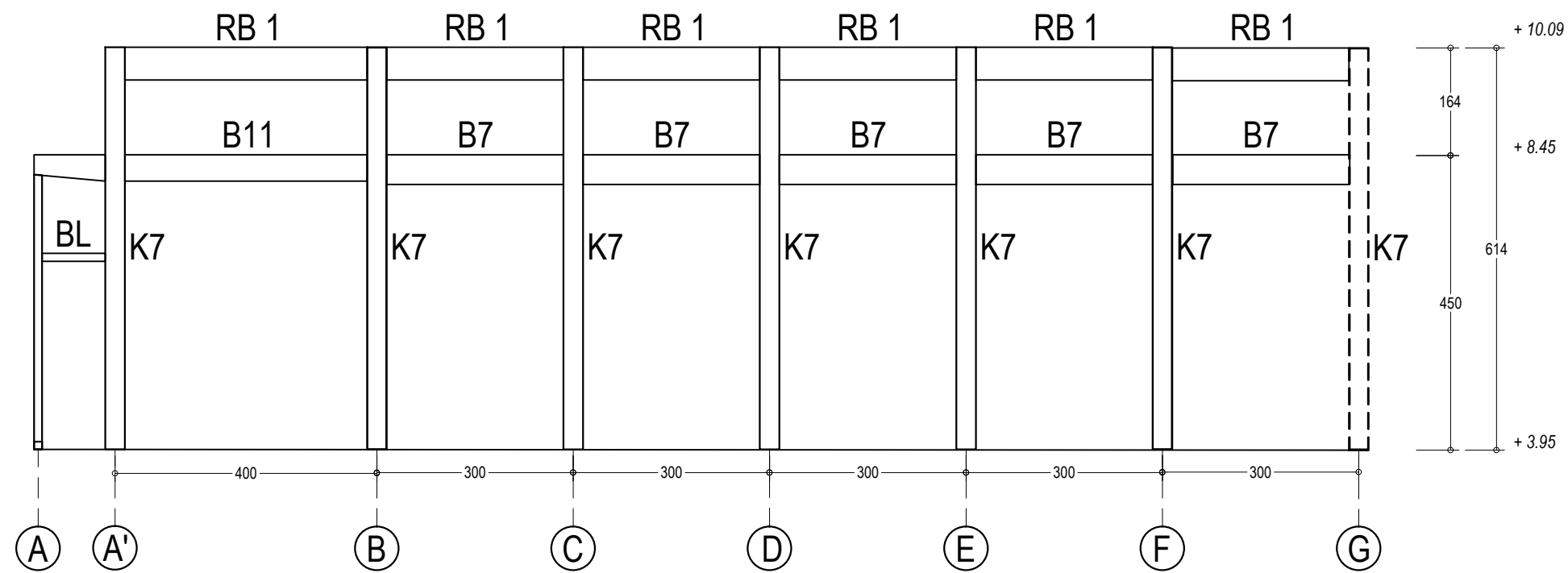
BAGAN PORTAL AS 2c

THP 2 SKALA 1 : 100



BAGAN PORTAL AS 3b

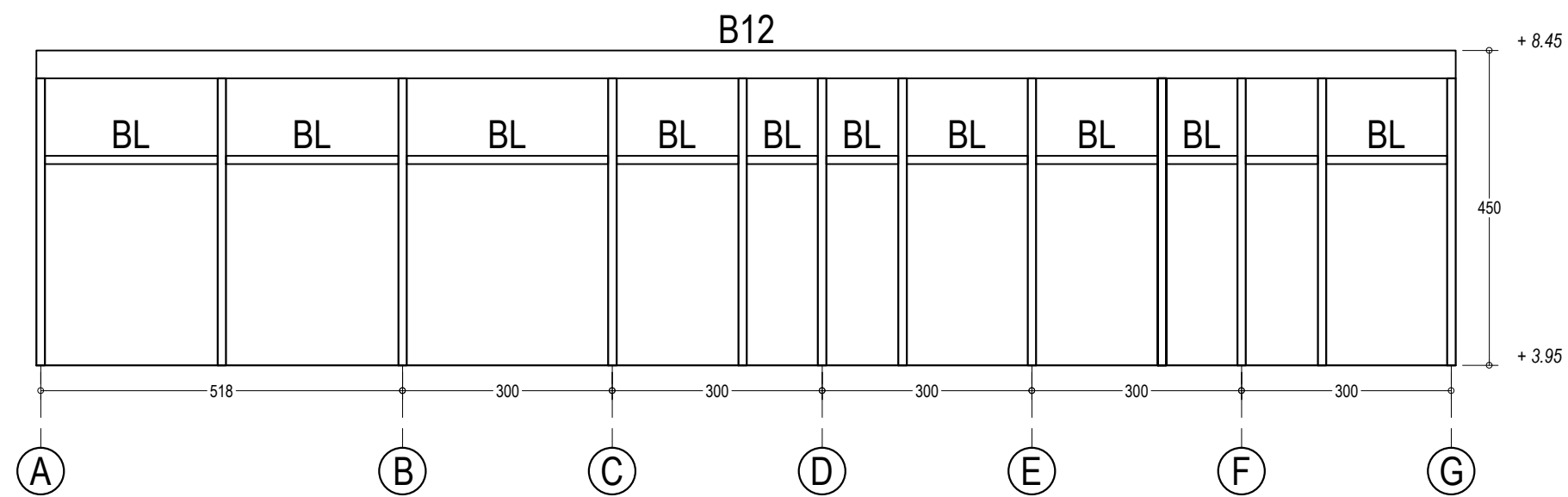
THP 2 SKALA 1 : 100



BAGAN PORTAL AS 4a

THP 2

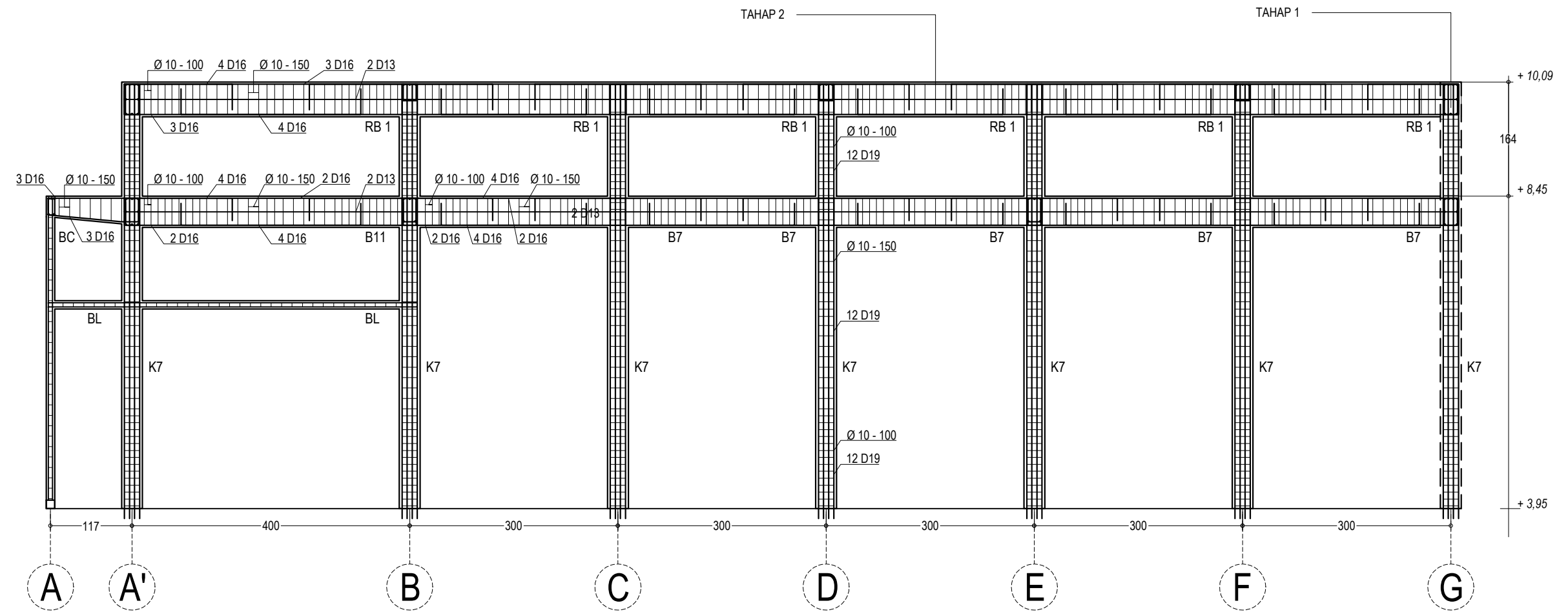
SKALA 1 : 100



BAGAN PORTAL AS 4b

THP 2

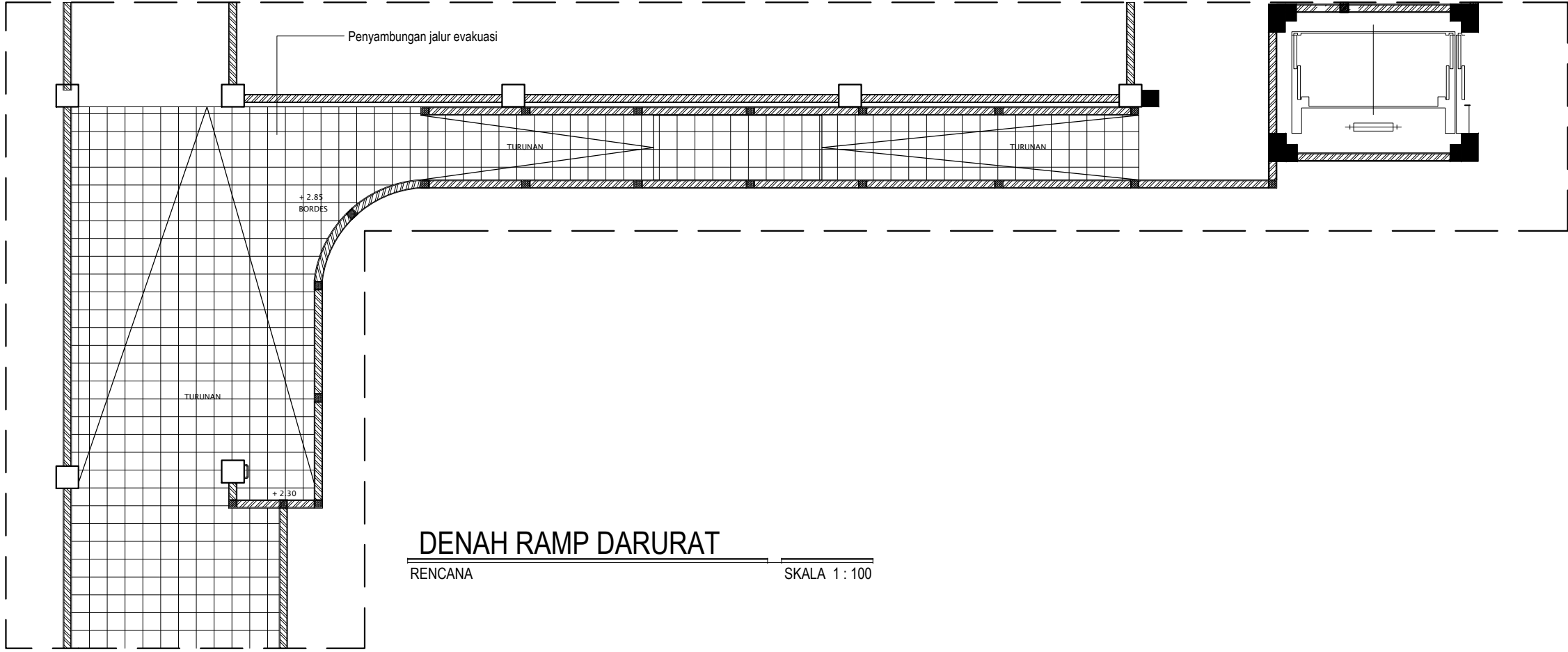
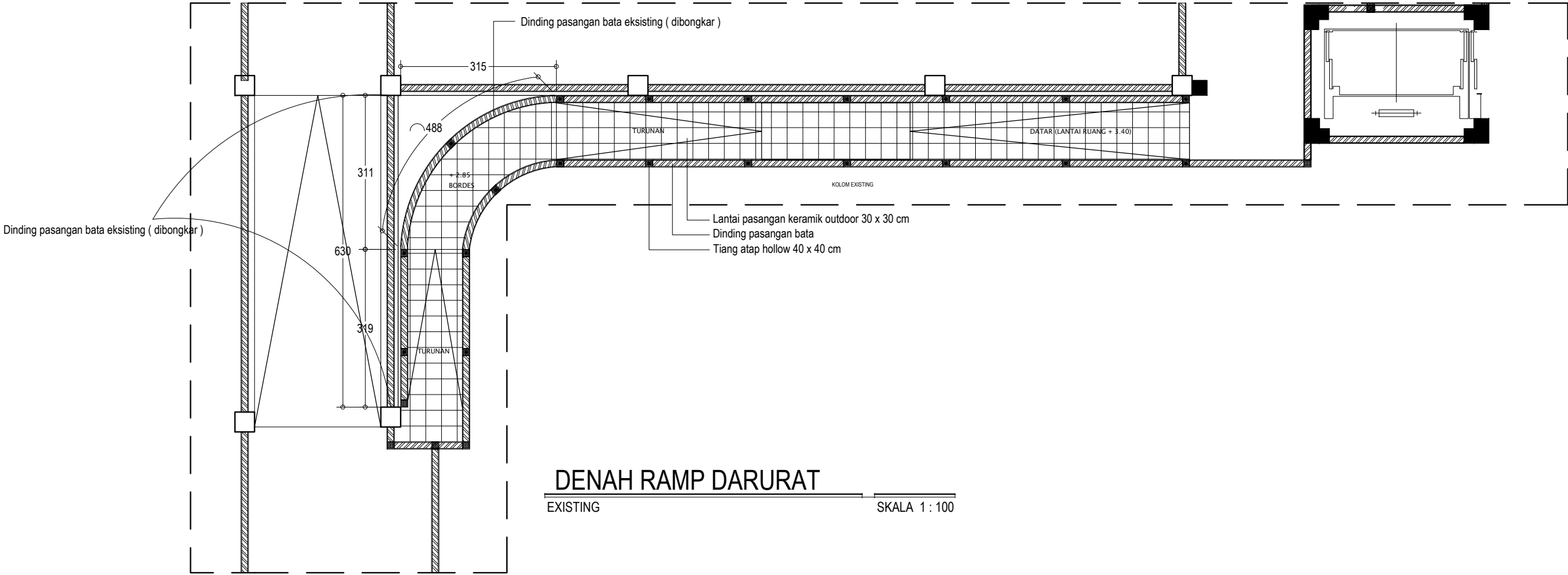
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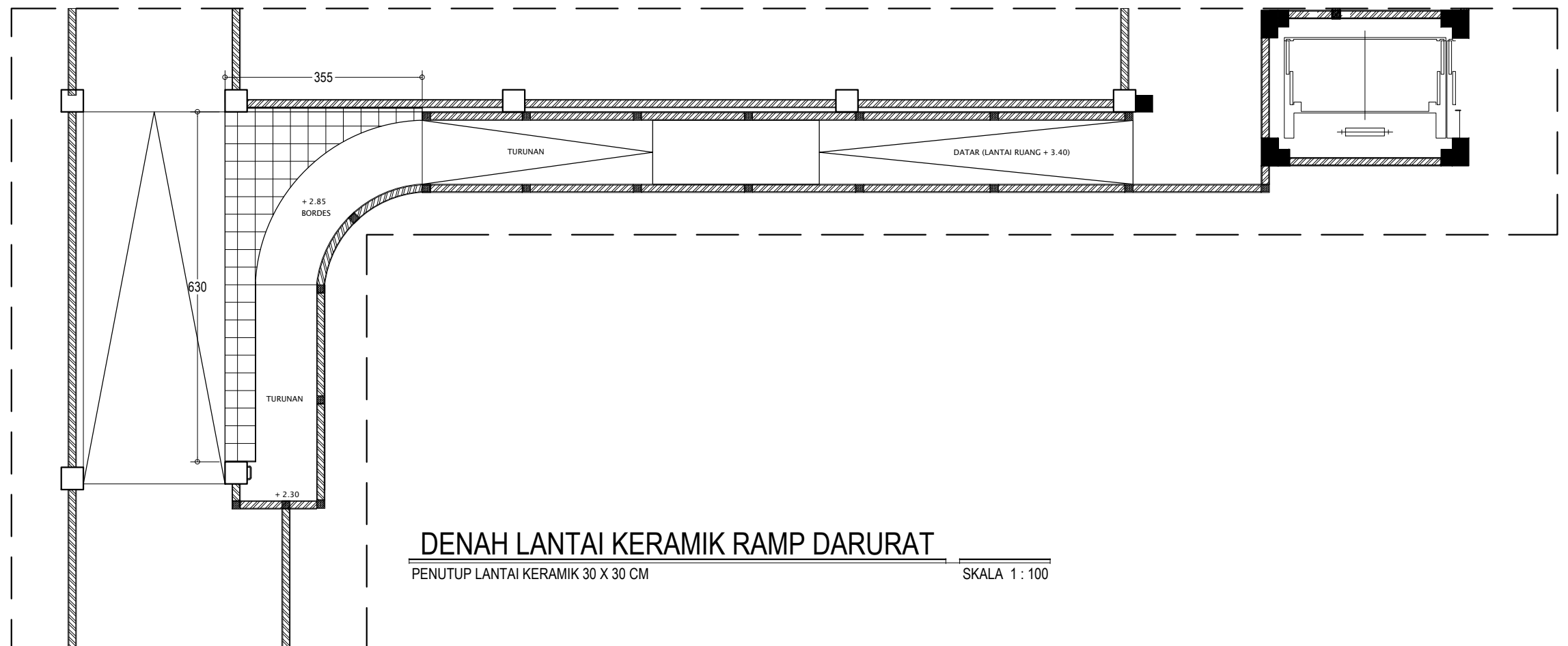
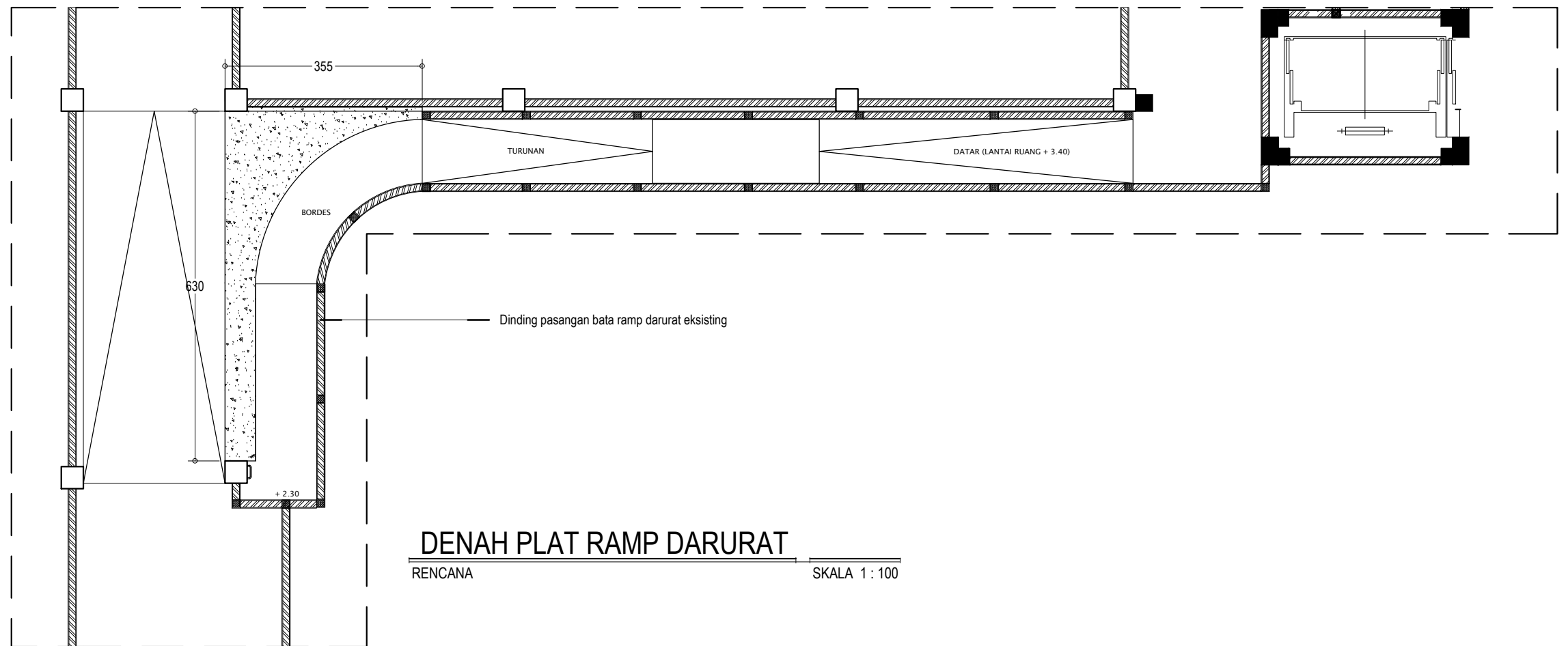


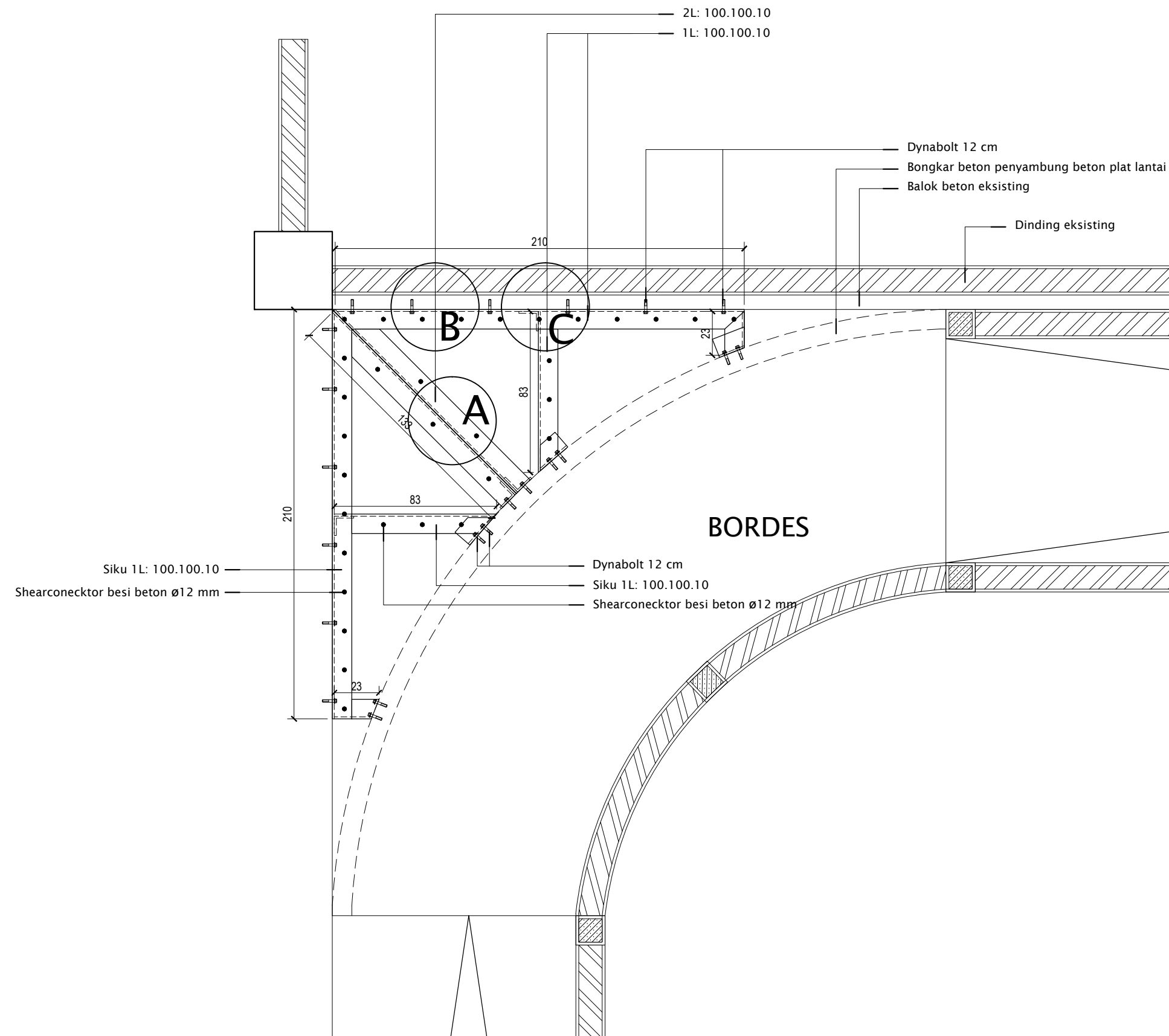
DETAIL PENULANGAN PORTAL

RENCANA

SKALA 1 : 75







DENAH PEMBESIAN RAMP

RENCANA

SKALA 1:25

Tulangan atas
Ø10 - 150
Tulangan bawah
Ø10 - 150

Ø10 - 150

Tulangan atas
Ø10 - 150
Tulangan bawah
Ø10 - 150

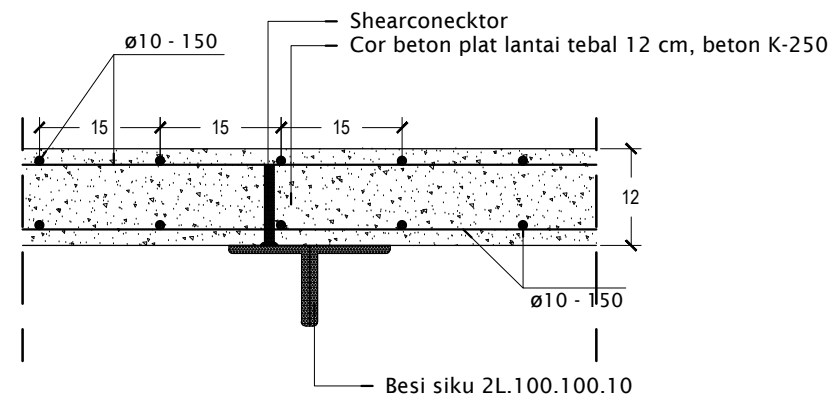
BORDES

TURUNAN

DENAH PEMBESIAN PLAT RAMP

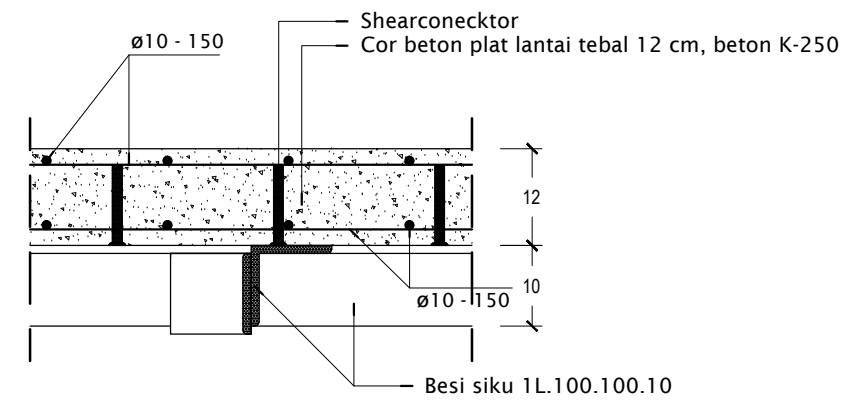
RENCANA

SKALA 1 : 25



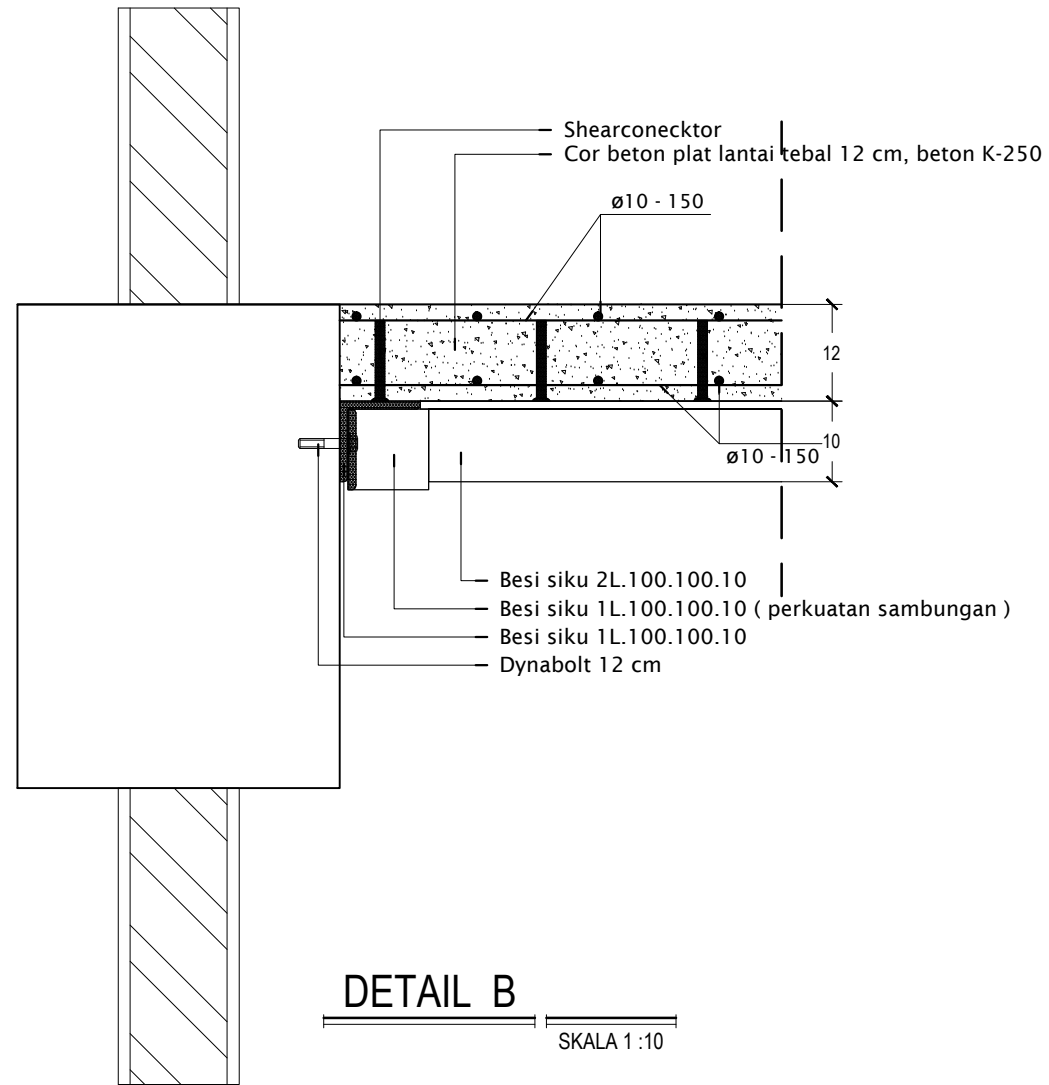
DETAIL A

SKALA 1 : 10



DETAIL C

SKALA 1 : 10



DETAIL B

SKALA 1 : 10