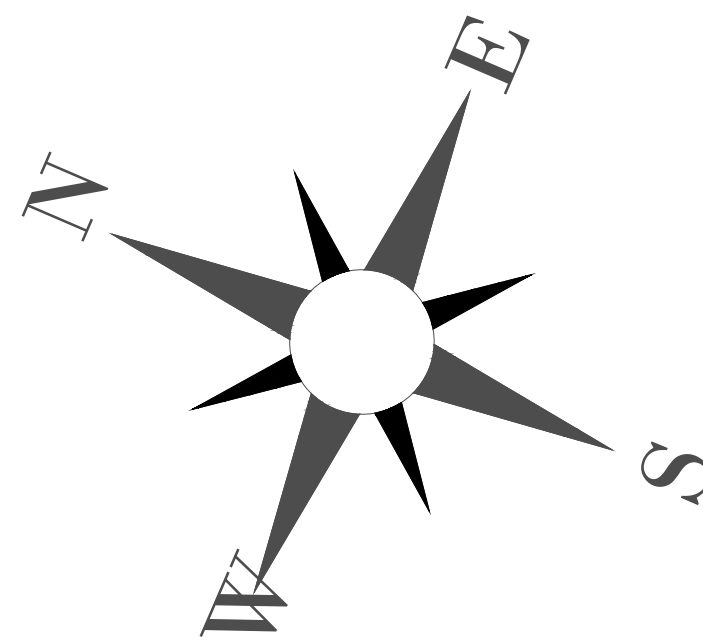


LIST OF STRUCTURAL DRAWINGS

NO.	DRAWING TITLE	SCALE
S-00	LIST OF STRUCTURAL DRAWINGS	N.T.S
S-01	GENERAL STRUCTURAL NOTES	N.T.S
S-02	GENERAL STRUCTURAL DETAILS	N.T.S
S-03	EXCAVATION PLAN	1:150
S-04	STRUCTURAL SITE PLAN PART-01	1:100
S-05	STRUCTURAL SITE PLAN PART-02	1:100
S-06	STRUCTURAL SITE DETAILS	1:20
S-07	COLUMN AXES PLAN	1:100
S-08	FOUNDATION PLAN	AS SHOWN
S-09	FOUNDATION DETAILS	1:20
S-10	SLAB ON GRADE REINFORCEMENT PLAN	AS SHOWN
S-11	COLUMN AND SHEAR WALLS REINFORCEMENT DETAILS	AS SHOWN
S-12	BASEMENT FLOOR SLAB REINFORCEMENT PLAN	1:100
S-13	GROUND FLOOR SLAB REINFORCEMENT PLAN	1:100
S-14	FIRST FLOOR SLAB REINFORCEMENT PLAN	1:100
S-15	SECOND AND ROOF FLOOR SLAB REINFORCEMENT PLAN	1:100
S-16	BEAM REINFORCEMENT DETAILS - 01	AS SHOWN
S-17	BEAM REINFORCEMENT DETAILS - 02	AS SHOWN
S-18	BEAM REINFORCEMENT DETAILS - 03	AS SHOWN
S-19	STAIRCASE STRUCTURAL DETAILS	1:20
S-20	FENCE STRUCTURAL DETAILS	1:100
S-21	RAIN WATER TANKS &GENERATOR &TRANSFORMER STRUCTURAL DETAILS	AS SHOWN
S-22	WATER TANK &ROOF WATER TANK &SEPTIC TANK STRUCTURAL DETAILS	AS SHOWN
S-23	FIRE ROOM AND FIRE TANK &WASTE ROOM STRUCTURAL DETAILS	AS SHOWN
S-24	SKYLIGHT STRUCTURAL DETAILS	N.T.S



NOTES:

PLOT NO		:	413	
DISTRICT		:	IRBID	
BASIN		:	40 ALMUSRIB ALSHAMALI	
REV. MARK	DATE	MADE BY	REMARKS	
CLIENT	NATIONAL CENTER FOR DIABETES ENDOCRINOLOGY AND GENETICS			
MP CE	MADI & PARTNERS CONSULTING ENGINEERS TEL.5829640-5829641 FAX.5829642 e-mail : mpce@index.com.jo			
PROJECT	NATIONAL DIABETES AND ENDOCRINOLOGY CENTER BUILDING IN IRBID CITY			
DRG. TITLE	LIST OF STRUCTURAL DRAWINGS			
DRAWN BY : STRUC.T			SCALE: N.T.S	
DESIGNED BY: H.S			DATE :DEC.-2023	
CHECKED BY : H.S			PROJECT No.	DRAWING No. S-00
APPROVED BY: H.S				

- Design of the structure is done according to the JORDANIAN CODE FOR LOADS AND FORCES & JORDANIAN CODE FOR REINFORCED CONCRETE.

The following loads were used in the design phase:

DRAWINGS

- Scaling from the drawings is not accepted.
- 2- Structural drawings shall be read in conjunction with Architectural, Mechanical and Electrical drawings.
- 3- Sleeves and openings smaller than 200×200 mm are not shown on the structural drawings. For any required openings refer to Architectural, Mechanical and Electrical drawings.
- 4- Contractor shall prepare working drawings and bar bending schedules for reinforcement in a format agreed with the engineer before construction.
- 5- Drawings are not necessarily to scale.
- 6- Chamfers for fair face concrete are not shown on Structural drawings. Reference should be made to Architectural details for such purpose.
- 7- Where conflict is noticed between structural plans and any other discipline, structural designer should be consulted.

- 1- All bars shall be deformed high strength steel, with Yield Strength equal to: $f_y = 420$ MPa
Except 8mm diameter bars with Yield Strength shall be $f_y = 275$ MPa.
- 2- Reinforcement shall comply with Jordanian Standards.
- 3- Reinforcement shall be placed as shown on the drawings and in the lengths needed or specified.
- 4- Where bar lengths are stated they shall be placed as shown on the practical bar length and shall be employed with staggered lap splices. Lap length shall be 55 times bar diameter.
- 5- Bar crank shall not exceed 1:12.

The following type of reinforced concrete shall be employed:

- Grade 25 concrete of characteristic cube strength equal to 25 MPa, minimum cement content of 275 kilograms per cubic meter, and a maximum Water : Cement ratio of 0.50.
For Lintel Beams and Stairs on grade. Normal Portland Cement shall be use.
 - Grade 35 (FAIR FACE BOTH SIDES) concrete of characteristic cube strength equal to 35 MPa, minimum cement content of 350 kilograms per cubic meter, and a maximum Water : Cement ratio of 0.50.
For Fences (except front fence which should be blind concrete) & for all Retaining walls.
Normal Portland Cement shall be used.
For Septic Tank, Water Tank and Rainwater Collection Tank, Sulfate Resistance Cement shall be used with additives to prevent leakage (خرسانة مانعة للنش).
 - Grade 40 concrete of characteristic cube strength equal to 40 MPa, minimum cement content of 400 kilograms per cubic meter, and a maximum Water : Cement ratio of 0.45.
For Slabs, Beams, Shear Wall, Columns, Stairs, Tie Beams, Slab on grade, and Foundations.
Normal Portland Cement shall be used
- ** Characteristic Strength as defined by a 150 mm cube at age of 28 days.

The following type of plain concrete shall be employed:

- Grade 15 concrete of characteristic cube strength equal to 15 MPa, minimum cement content of 200 kilograms per cubic meter, and a maximum Water : Cement ratio of 0.45. To be used for blinding concrete under foundations.
- *Characteristic Strength as defined by a 150 mm cube at age of 28 days.

Technical drawings of five types of load-bearing (LB) components, showing dimensions in millimeters (mm):

- LB-1:** Square component with side length 20 mm. Internal dimensions are 20 mm (width) and 20 mm (height). Outer dimensions are 20 mm (width) and 20 mm (height).
- LB-2:** Square component with side length 20 mm. Internal dimensions are 20 mm (width) and 20 mm (height). Outer dimensions are 20 mm (width) and 20 mm (height).
- LB-3:** Square component with side length 20 mm. Internal dimensions are 20 mm (width) and 20 mm (height). Outer dimensions are 20 mm (width) and 20 mm (height).
- LB-4:** Square component with side length 20 mm. Internal dimensions are 20 mm (width) and 20 mm (height). Outer dimensions are 20 mm (width) and 20 mm (height).
- LB-5:** Rectangular component with width 20 mm and height 40 mm. Internal dimensions are 20 mm (width) and 40 mm (height). Outer dimensions are 20 mm (width) and 40 mm (height).

SPAN (L) (mm)	NUMBER OF BLOCKS ABOVE LINTEL BEAM				
	2BLOCKS OR LESS	3 TO 4	5 TO 6	7 TO 8	9 TO 10
1200 OR LESS	LB-1	LB-1	LB-1	LB-1	LB-1
1201 – 1800	LB-1	LB-1	LB-1	LB-1	LB-2
1801 – 2400	LB-1	LB-1	LB-2	LB-2	LB-2
1401 – 3000	LB-1	LB-2	LB-4	LB-5	LB-5
3001 – 3600	LB-2	LB-4	LB-5	LB-5	LB-5

NOTE:

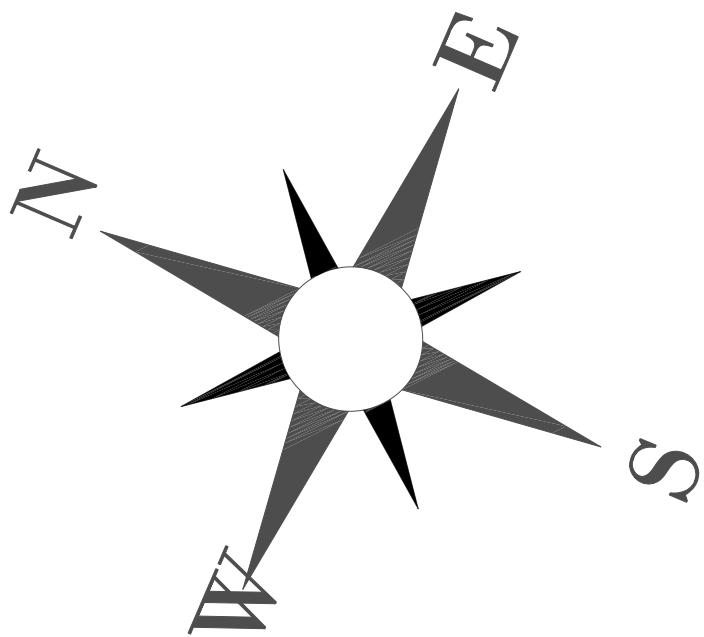
1. Lintel beams width is 10, 15 or 20 cm, according to the wall thickness.
2. All stirrups for lintel beams are Ø10 @ 20 cm
3. Bottom and top bars shall be continuous.

Clear concrete cover to reinforcement shall be:

- 70 mm for concrete below grade.
- 50 mm for basement walls.
- 20 mm for basement walls/ internal face.
- 20 mm for slabs & staircase
- 40 mm for beams
- 40 mm for columns

Aggregate sizes shall comply with Jordanian specifications
Aggregate shall be Chloride (Salt) free.

- With Reference to JORDAN MESBAR GEOENGINEERING CONSULTING Report No: S23054 ,dated 26/09/2023,Bearing capacity of the soil at the foundation level is **1.80 Kg/cm²**,with minimum depth of 2.0 m from the surrounding ground level around the building.
- The Geo-technical consultant should be informed after finishing the excavations to verify information stated in the soil test report and to confirm the bearing capacity at foundation levels at the contractor's cost.
- Contractor should comply with ALL recommendations stated in the soil report.
- BOTH excavation and neighbors wall are contractor responsibility.
- The foundations and columns have been designed to carry **SEVEN FLOORS**



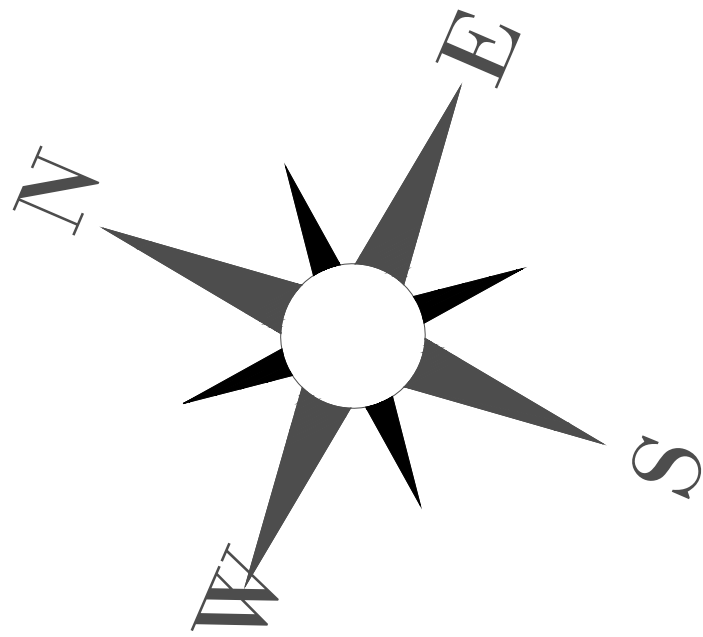
NOTES:

PLOT NO		413	
DISTRICT		IRIBID	
BASIN		40 ALMUSRIB ALSHAMALI	
REV.	MARK	DATE	MADE BY
CLIENT		NATIONAL CENTER FOR DIABETES ENDOCRINOLOGY AND GENETICS	
M P C E	MADI & PARTNERS CONSULTING ENGINEERS		
	TEL.5829640-5829641 FAX.5829642 e-mail : mpce@index.com.jo		
PROJECT		NATIONAL DIABETES AND ENDOCRINOLOGY CENTER BUILDING IN IRIBID CITY	
DRG. TITLE		GENERAL STRUCTURAL NOTES	
DRAWN BY : STRUC.T		SCALE : N.T.S	
DESIGNED BY : H.S		DATE : DEC.-2023	
CHECKED BY : H.S		PROJECT No.	DRAWING No. S-01
APPROVED BY: H.S			

اسم مكتب الهندسة: شركة مسجل الايرن ناشناتل الهندسية ، رقم المكتب: 2828 ، تاريخ: 2023/10 / 8
اسم المالك/عميلة اريد الهندسة : رقم الترخيص: (413) ، رقم المخطط واسمها: (40) لتسريب اللباني
الموقع: اريد

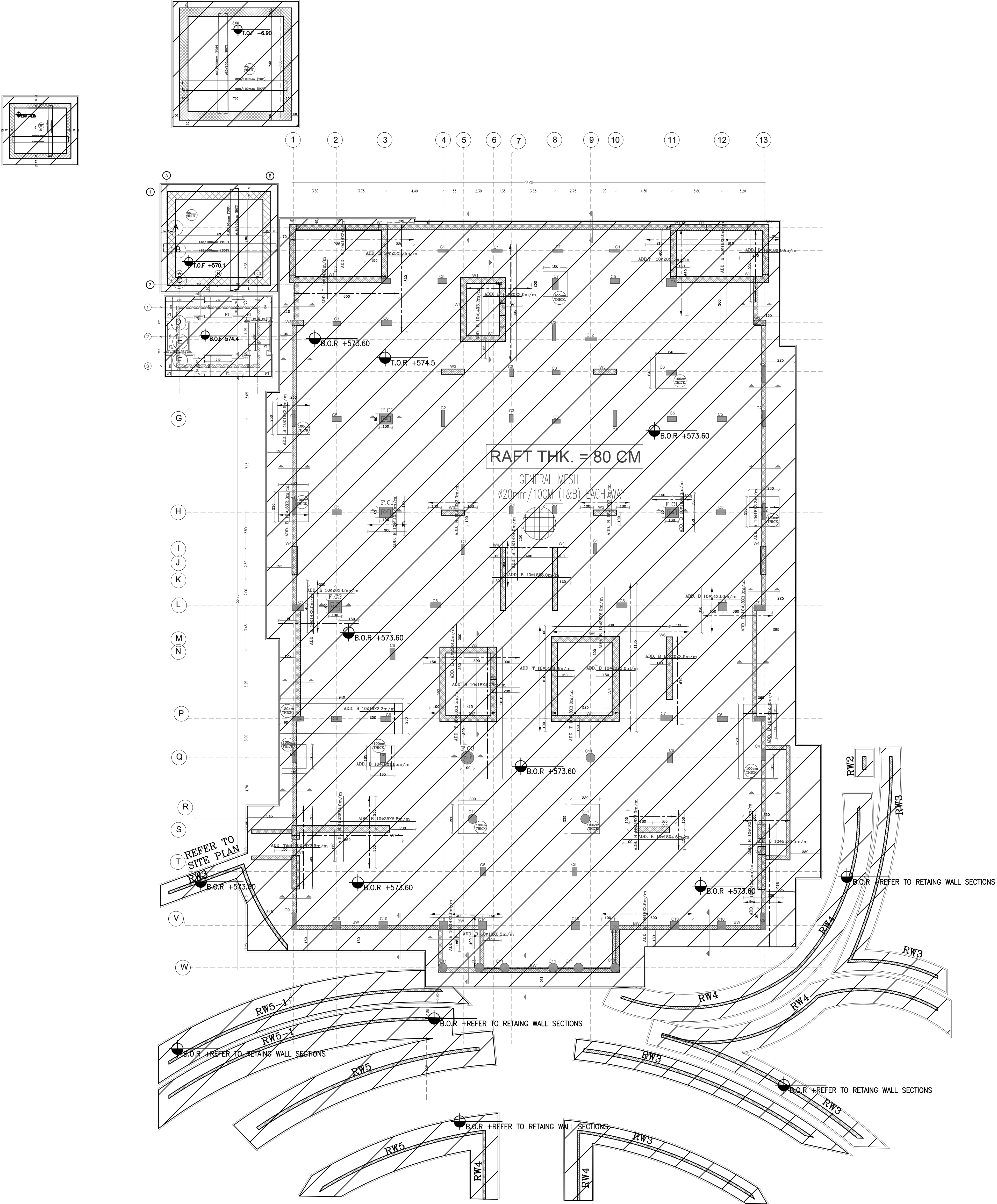
1- قوة التأسيس وصفتها :	طين سائي
2- نوع الاساسات :	2.00 م من التأسيس النهائي الأرض خارج اللباني فوائد متصلة مع زوايا ربط أو قواعد منفصلة
3- قوة التصلب المتصور بها :	1.80 Kg/cm ²
4- معاملات التزلزل :	Soil Section : SD-2B Z= 0.20 C _u =0.28 C _v = 0.40
5- المعطى الجانبي :	K _q =0.69 K _a =0.52 K _p =1.89
6- الهبوط :	δ _v = 1.15 cm.
7- ردة فعل التربة :	K _s = 120 ^{kg} /cm ³ *K _s = 216 kg/cm ³
8- الحفريات :	اندر
9- التويل الداخلية :	2H:1 V
10- صلاحية المواد للضم :	غير متاحة للضم
11- تصريف المياه :	يجب إبعاد المياه السطحية عن موقع المبنى
12- اكتشاف عن متسوب التأسيس :	يجب إبعاد مكانها حال الوصول إلى متسوب التأسيس للتأكد من عدمه في مخرجات
13- تدعيم جوانب الحفريات :	النموذج ليس بحاجة إلى تدعيم

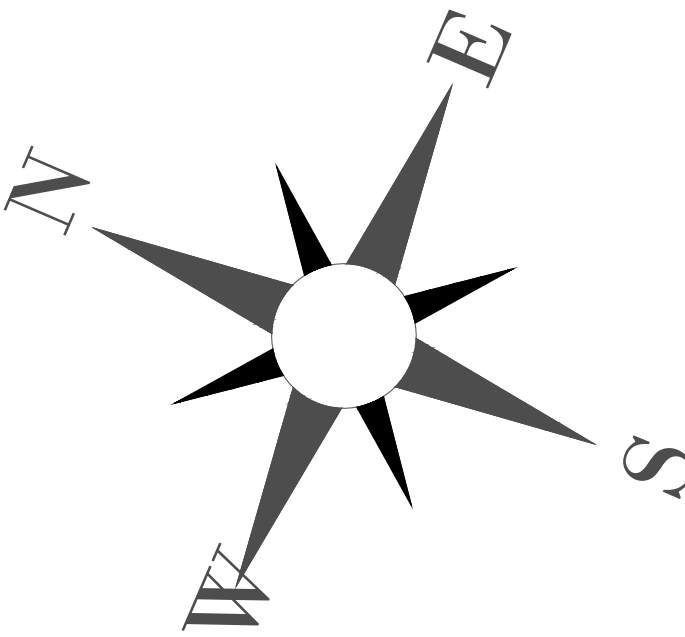
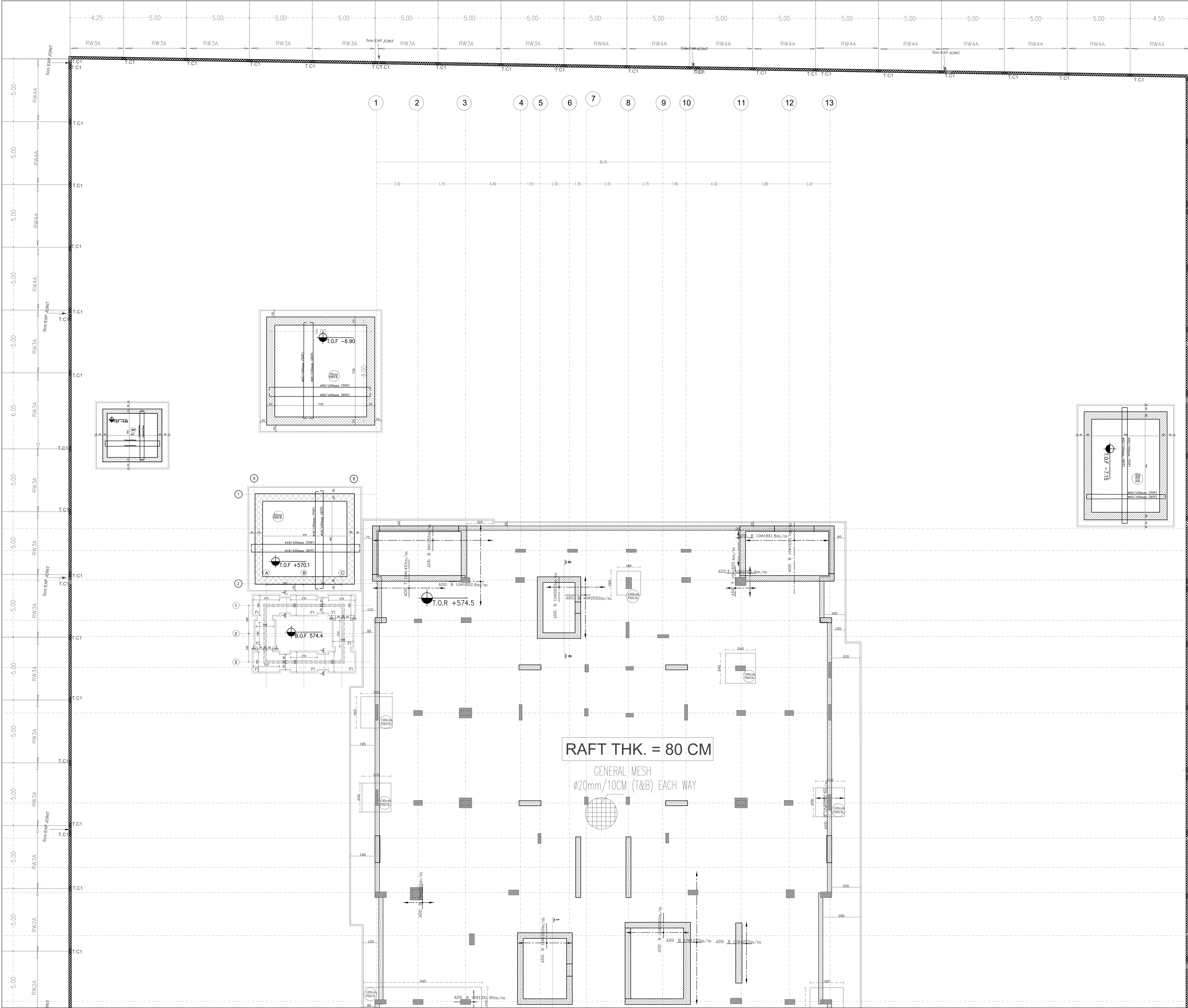
- 1- لا يوجد تأثير لأعمال الاسناد على الخدمات الموجودة في الشوارع المحاذية .
- 2- لا يوجد تأثير لأعمال الاسناد على المباني و الاسوار المجاورة للحفريات .
- 3- لا يوجد تأثير لأعمال مياه الأمطار على أنظمة الاسناد لجوانب الحفريات .
- 4- لا يوجد تأثير لمرور المركبات على أنظمة اسناد جوانب الحفريات .
- 5- المدة المتوقعة لانجاز أعمال الحفر هي شهرين وذلك بعد الحصول على اذن الحفر .
- 6- سيتم حفر خندق حول المشروع بميل مناسب بهدف تصريف مياه الأمطار والمياه السطحية حول المشروع .
- 7- سيتم وضع سياج مناسب حول الحفريات وذلك لمنع اقتراب المشاة و المركبات .
- 8- سيتم وضع شواخص ارشادية توضح ضرورة عدم الاقتراب من موقع الحفريات .
- 9- تكون مسؤولية المقاول المحافظة على سلامة أسوار الجار .



NOTES:

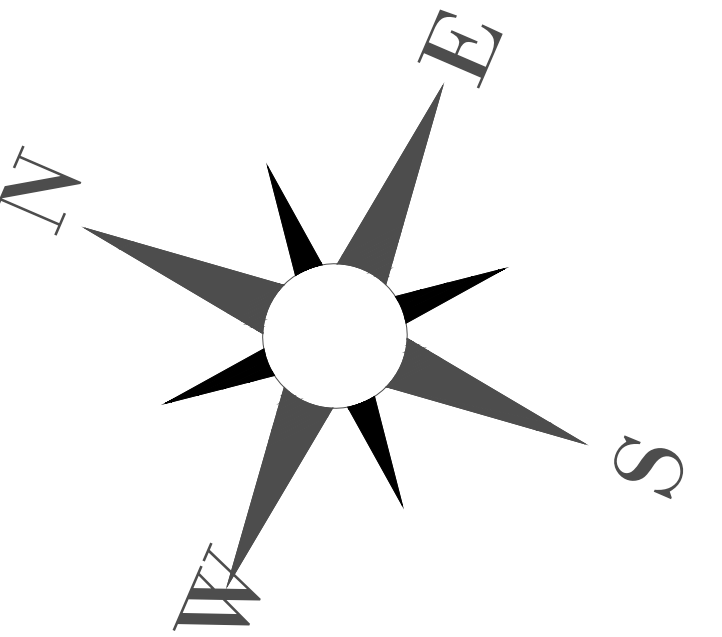
PLOT NO		:		413	
DISTRICT		:		IRBID	
BASIN		:		40 ALMUSRIB ALSHAMALIJI	
V. MARK		DATE		MADE BY	
CLIENT		NATIONAL CENTER FOR DIABETES ENDOCRINOLOGY AND GENETICS			
M P C E		MADI & PARTNERS CONSULTING ENGINEERS TEL.5829640-5829641 FAX.5829642 e-mail : mpce@index.com.jo			
PROJECT		NATIONAL DIABETES AND ENDOCRINOLOGY CENTER BUILDING IN IRBID CITY			
RG. TITLE		EXCAVATION PLAN			
DRAWN BY : STRUC.T				SCALE: 1:150	
ESIGNED BY: H.S				DATE : DEC.-2023	
CHECKED BY: H.S				PROJECT No.	
PPROVED BY: H.S				DRAWING No. S-03	



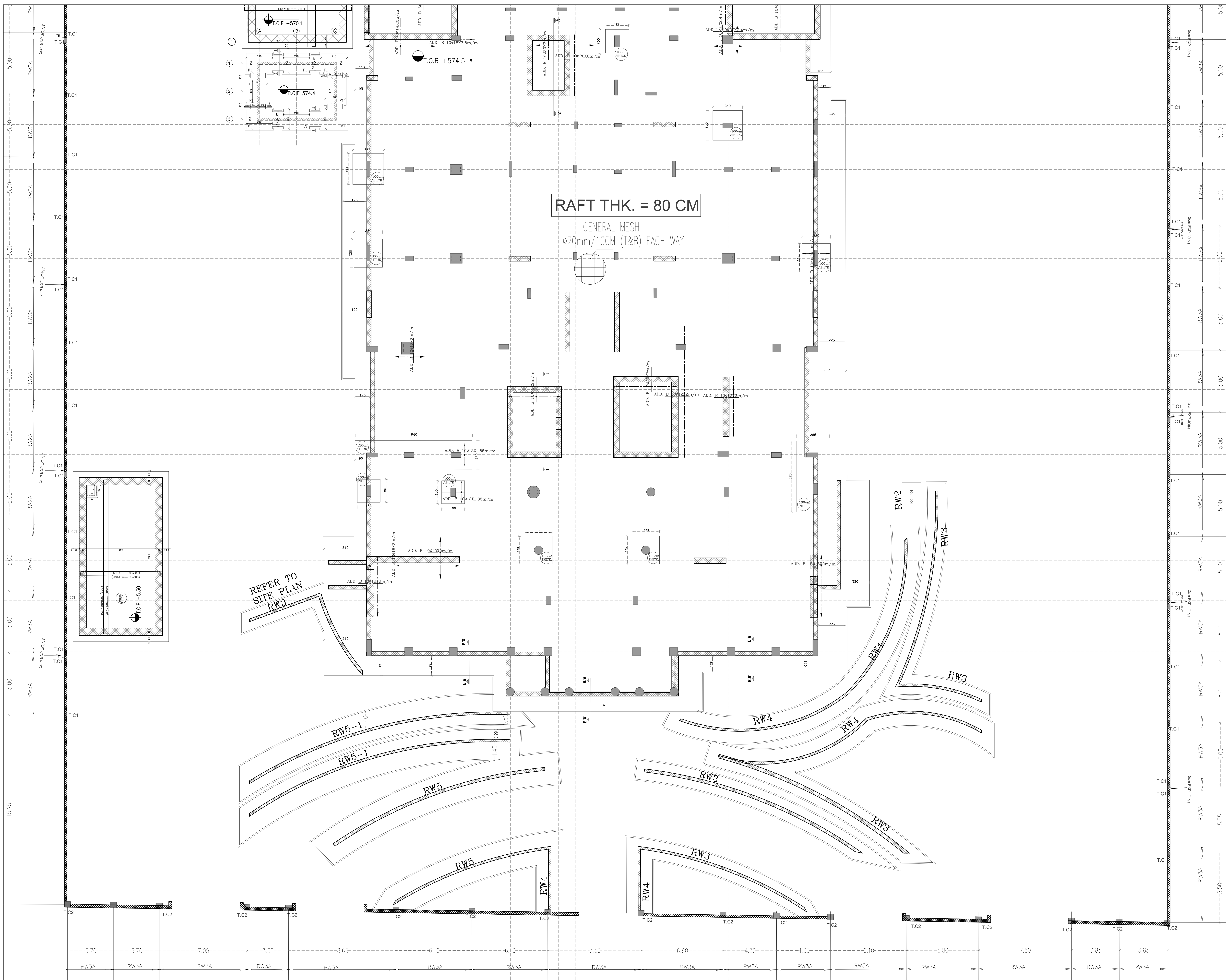


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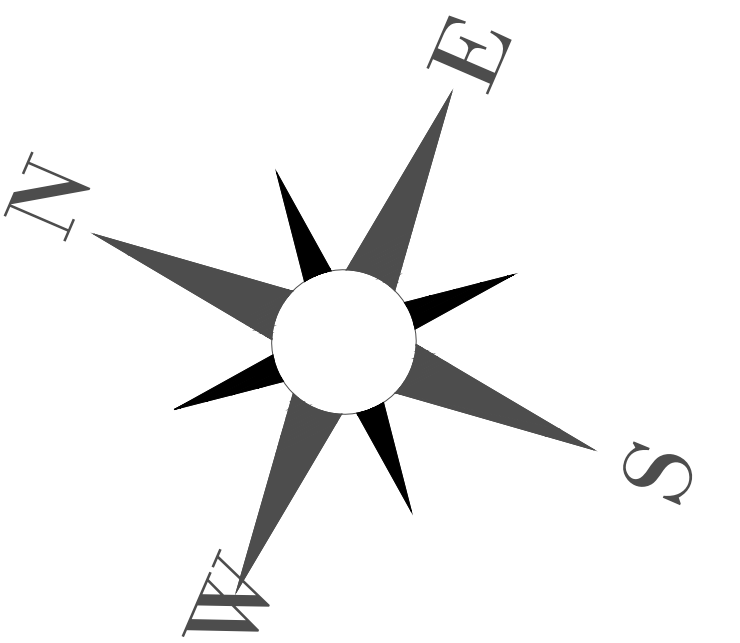
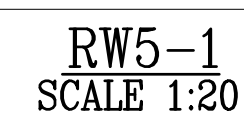
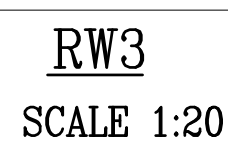
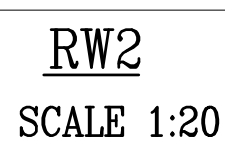
PLOT NO		:		413	
DISTRICT		:		IRBID	
BASIN		:		40 ALMUSRIB ALSHAMALIJI	
EV. MARK	DATE	MADE BY	REMARKS		
CLIENT	NATIONAL CENTER FOR DIABETES ENDOCRINOLOGY AND GENETICS				
MP CE	MADI & PARTNERS CONSULTING ENGINEERS TEL 5829640-5829641 FAX 5829642 e-mail : mpce@index.com.jo				
PROJECT	NATIONAL DIABETES AND ENDOCRINOLOGY CENTER BUILDING IN IRBID CITY				
DRG. TITLE	STRUCTURAL SITE PLAN PART-01				
DRAWN BY			:	STRUCT	
DESIGNED BY			:	H.S	
CHECKED BY			:	H.S	
APPROVED BY			:	H.S	
				SCALE: 1:100	
				DATE : DEC.-2023	
				PROJECT No.	DRAWING No.
					S-04



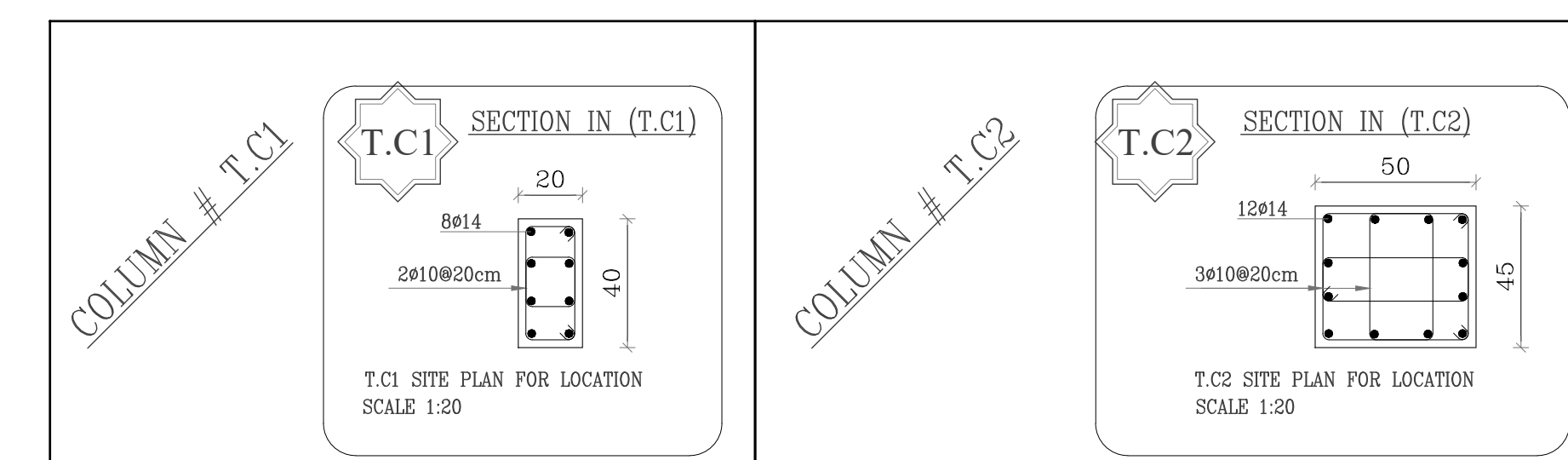
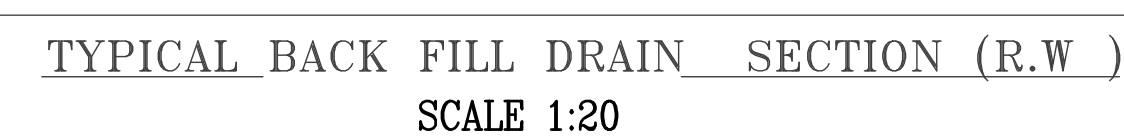
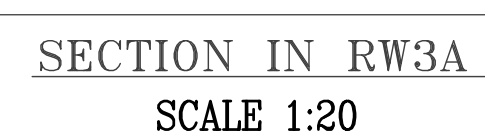
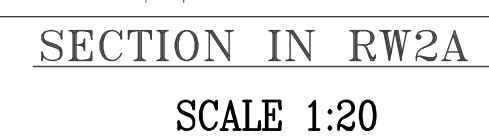
PLOT NO :		413	
DISTRICT :		IRBID	
BASIN :		40 ALMUSRIB ALSHAMALI	
EV. MARK	DATE	MADE BY	REMARKS
CLIENT	NATIONAL CENTER FOR DIABETES ENDOCRINOLOGY AND GENETICS		
MP CE	MADI & PARTNERS CONSULTING ENGINEERS TEL.5829640-5829641 FAX.5829642 e-mail : mpce@index.com.jo		
PROJECT	NATIONAL DIABETES AND ENDOCRINOLOGY CENTER BUILDING IN IRBID CITY		
ORG. TITLE	STRUCTURAL SITE PLAN PART-02		
DRAWN BY : STRUCT		SCALE: 1:100	
DESIGNED BY : H.S		DATE : DEC. - 2023	
CHECKED BY : H.S		PROJECT No.	DRAWING No. S-05
APPROVED BY : H.S			



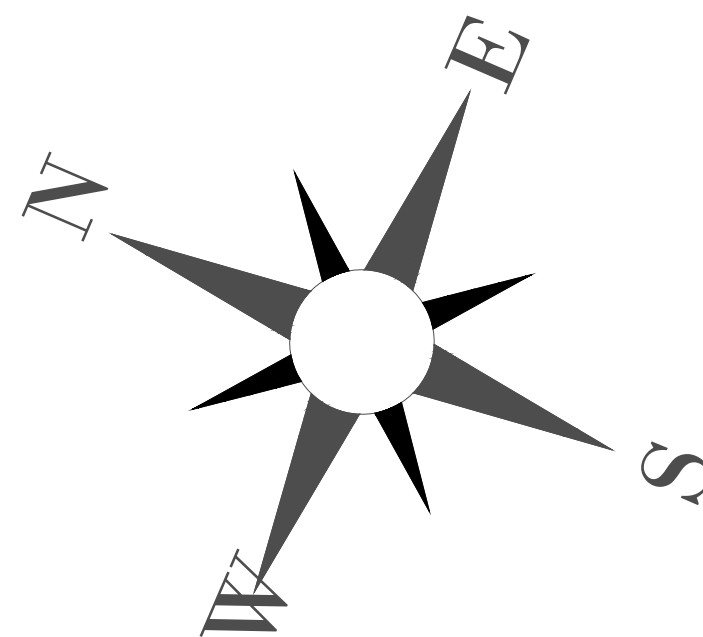
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K _o = 0.5
K _a = 0.33



NOTES:



PLOT NO		413	
DISTRICT		IRBID	
BASIN		40 ALMUSRIB ALSHAMALI	
REV. MARK	DATE	MADE BY	REMARKS
CLIENT		NATIONAL CENTER FOR DIABETES ENDOCRINOLOGY AND GENETICS	
M P	MADI & PARTNERS CONSULTING ENGINEERS		
C E	TEL.5829640-5829641 FAX.5829642 e-mail : mpce@index.com.jo		
PROJECT		NATIONAL DIABETES AND ENDOCRINOLOGY CENTER BUILDING IN IRBID CITY	
DRG. TITLE		STRUCTURAL SITE DETAILS	
DRAWN BY : STRUCT		SCALE : 1:20	
DESIGNED BY : H.S		DATE : DEC. - 2023	
CHECKED BY : H.S		PROJECT No.	DRAWING No.
APPROVED BY : H.S			S-06



NOTES:

PLOT NO : 413

DISTRICT : IRBID

BASIN : 40 ALMUSRIB ALSHAMALIJU

REV. MARK DATE MADE BY REMARKS

CLIENT NATIONAL CENTER FOR DIABETES
ENDOCRINOLOGY AND GENETICS

MP MADI & PARTNERS CONSULTING ENGINEERS
CE TEL:5829640-5829641 FAX:5829642
e-mail : mpce@index.com.jo

PROJECT NATIONAL DIABETES AND ENDOCRINOLOGY
CENTER BUILDING IN IRBID CITY

DRG. TITLE COLUMN AXES PLAN

DRAWN BY : STRUC.T

SCALE: 1:100

DESIGNED BY : H.S

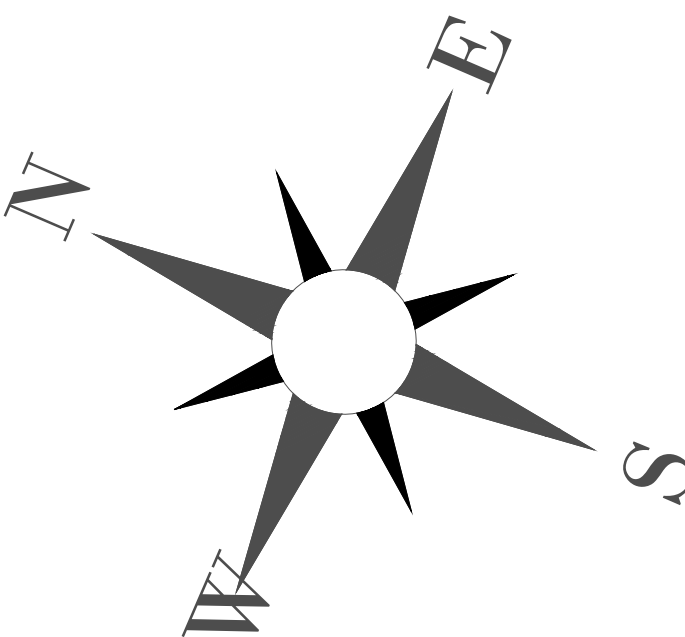
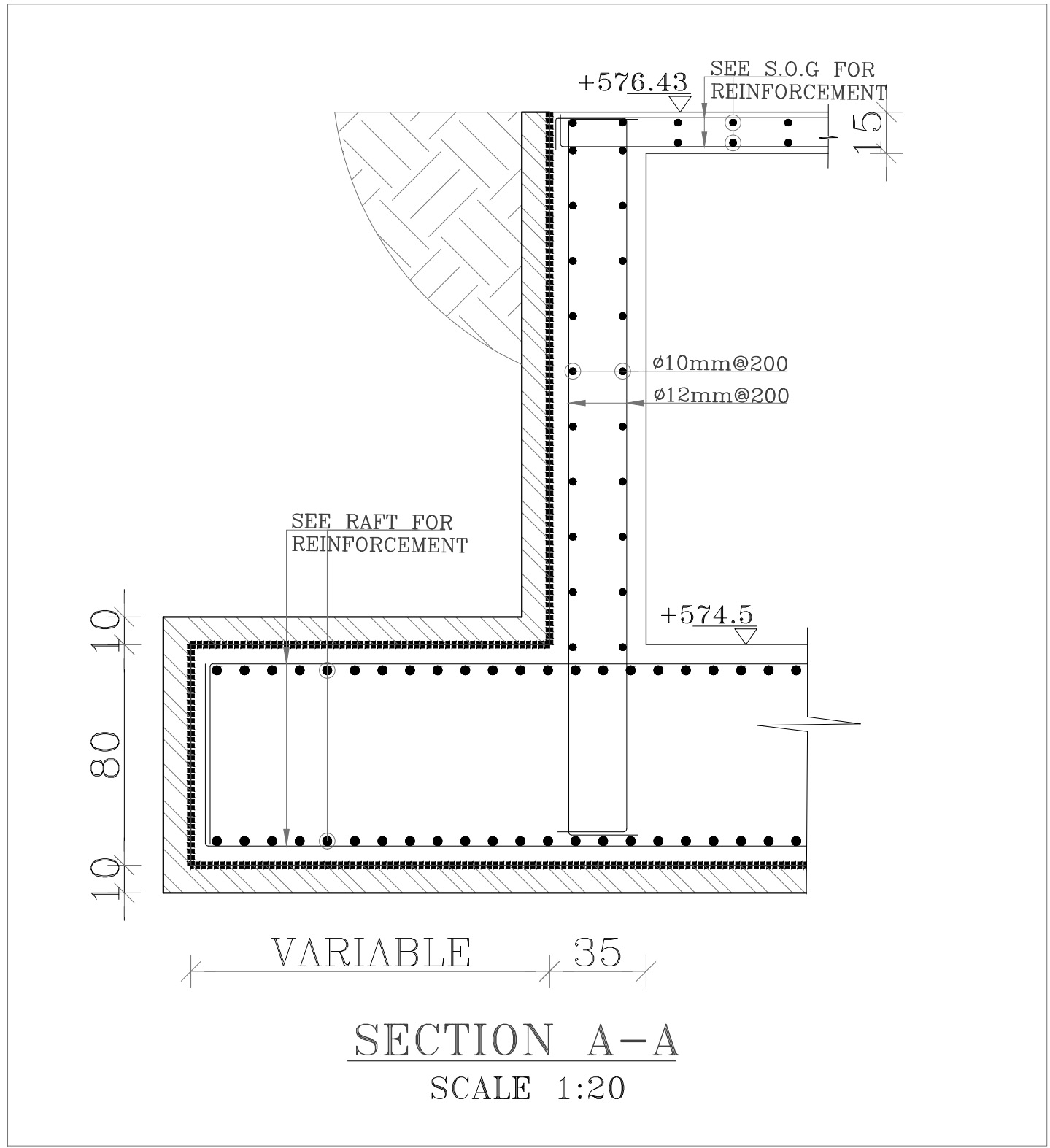
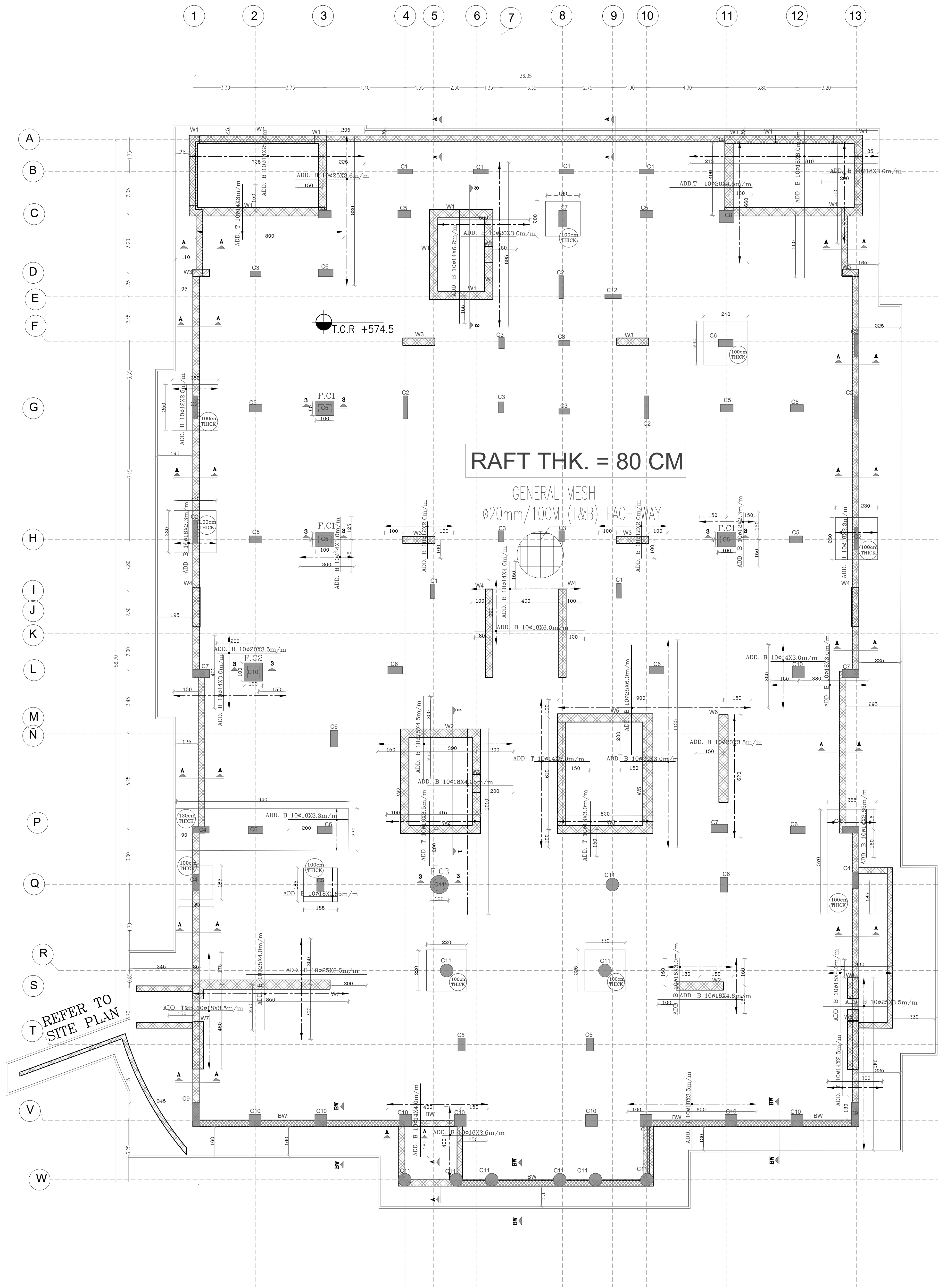
DATE :DEC.-2023

CHECKED BY : H.S

PROJECT No. DRAWING No.

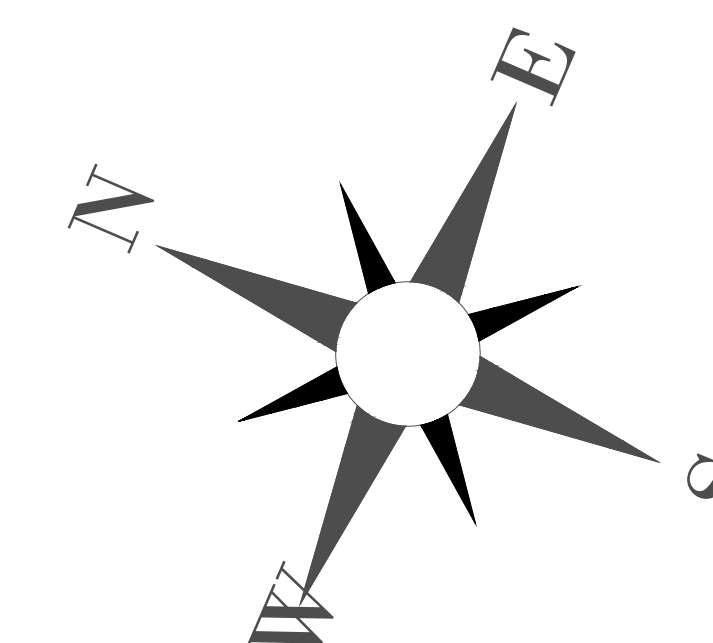
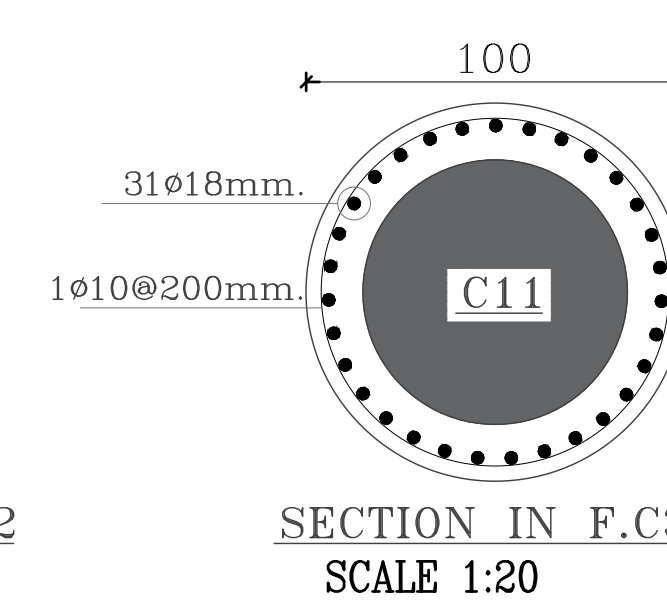
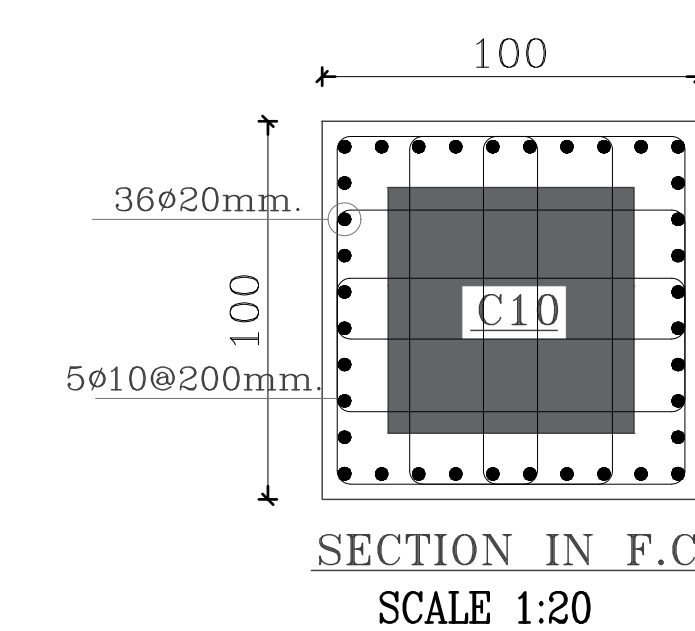
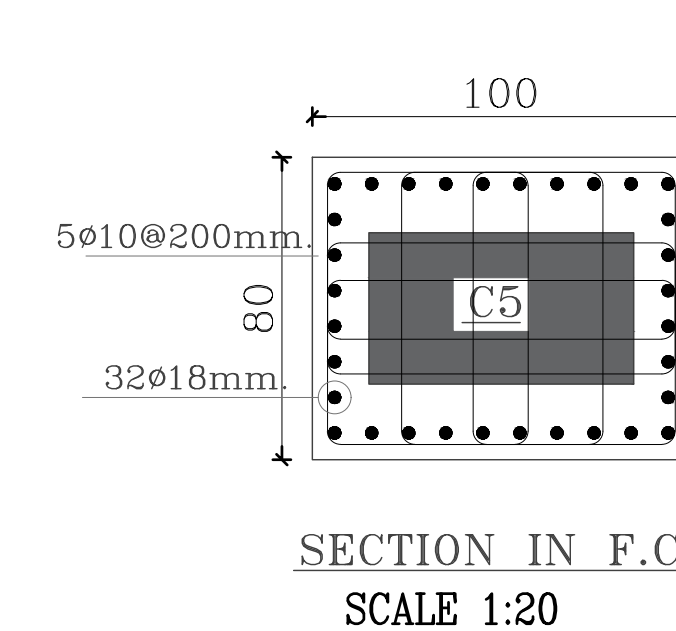
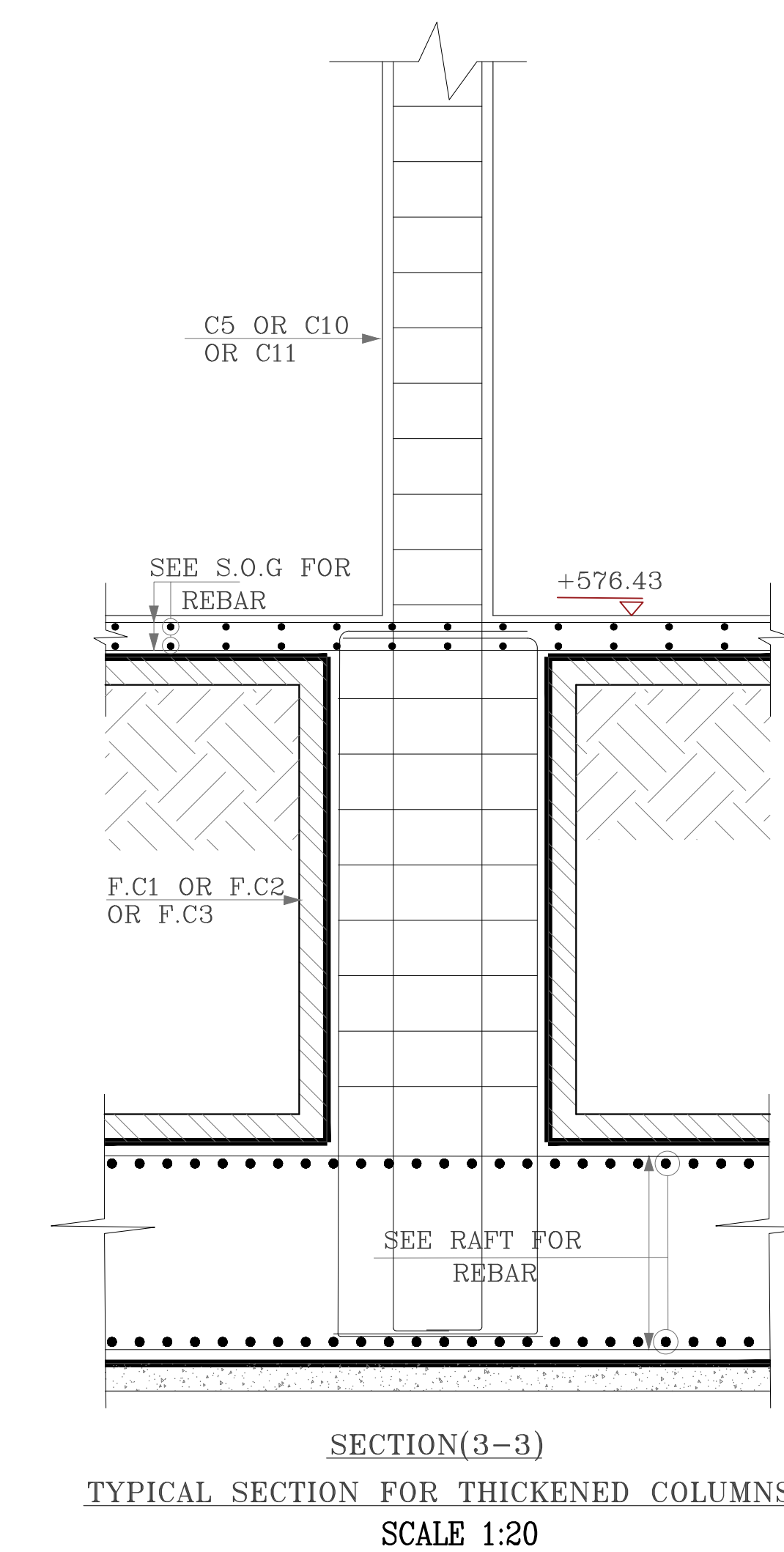
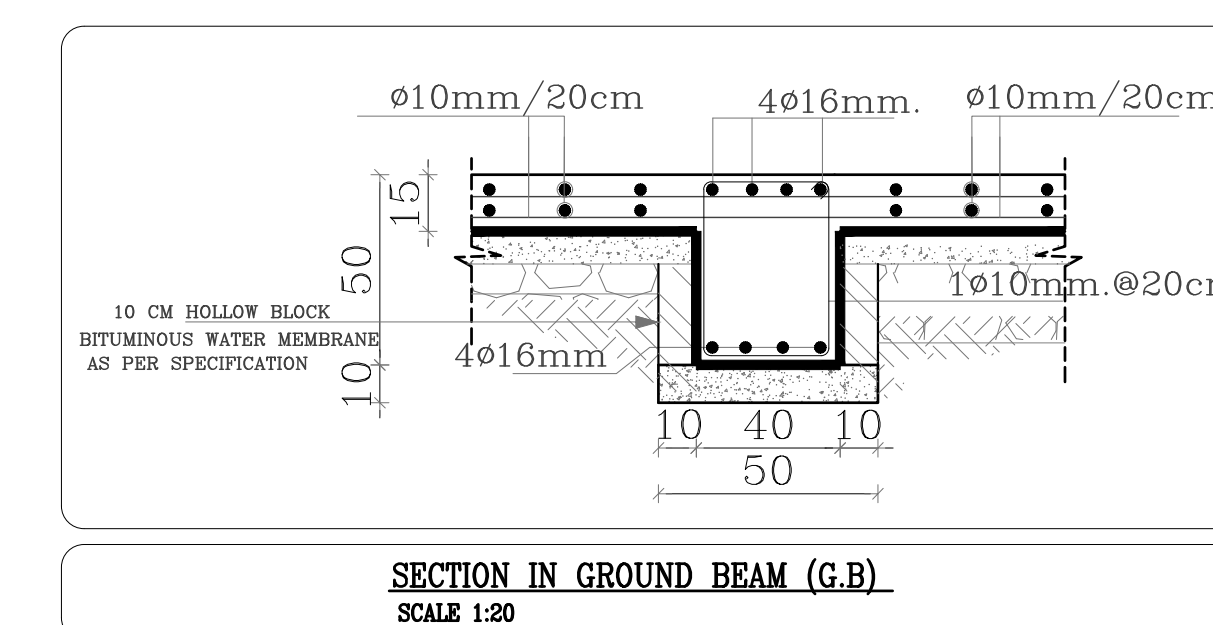
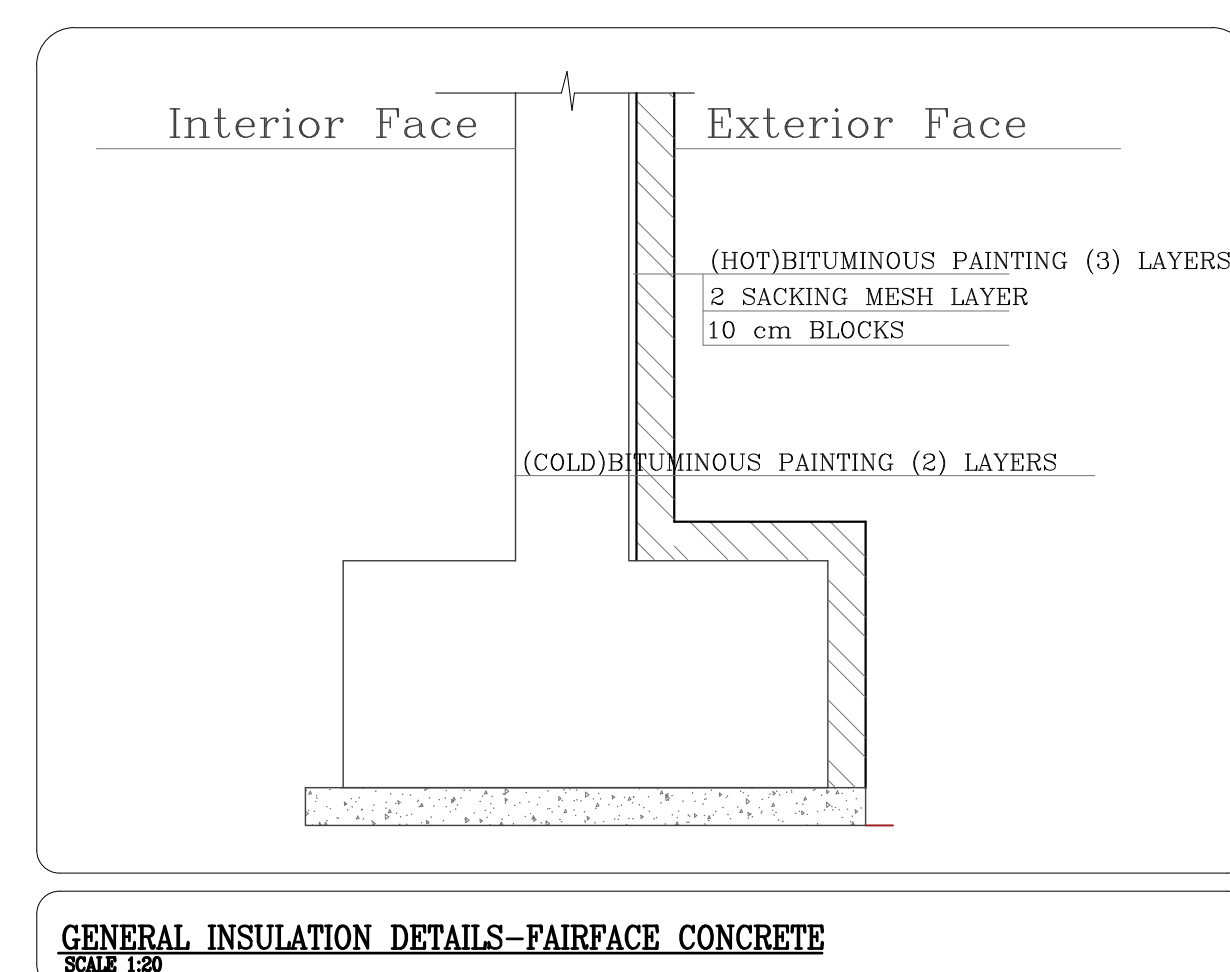
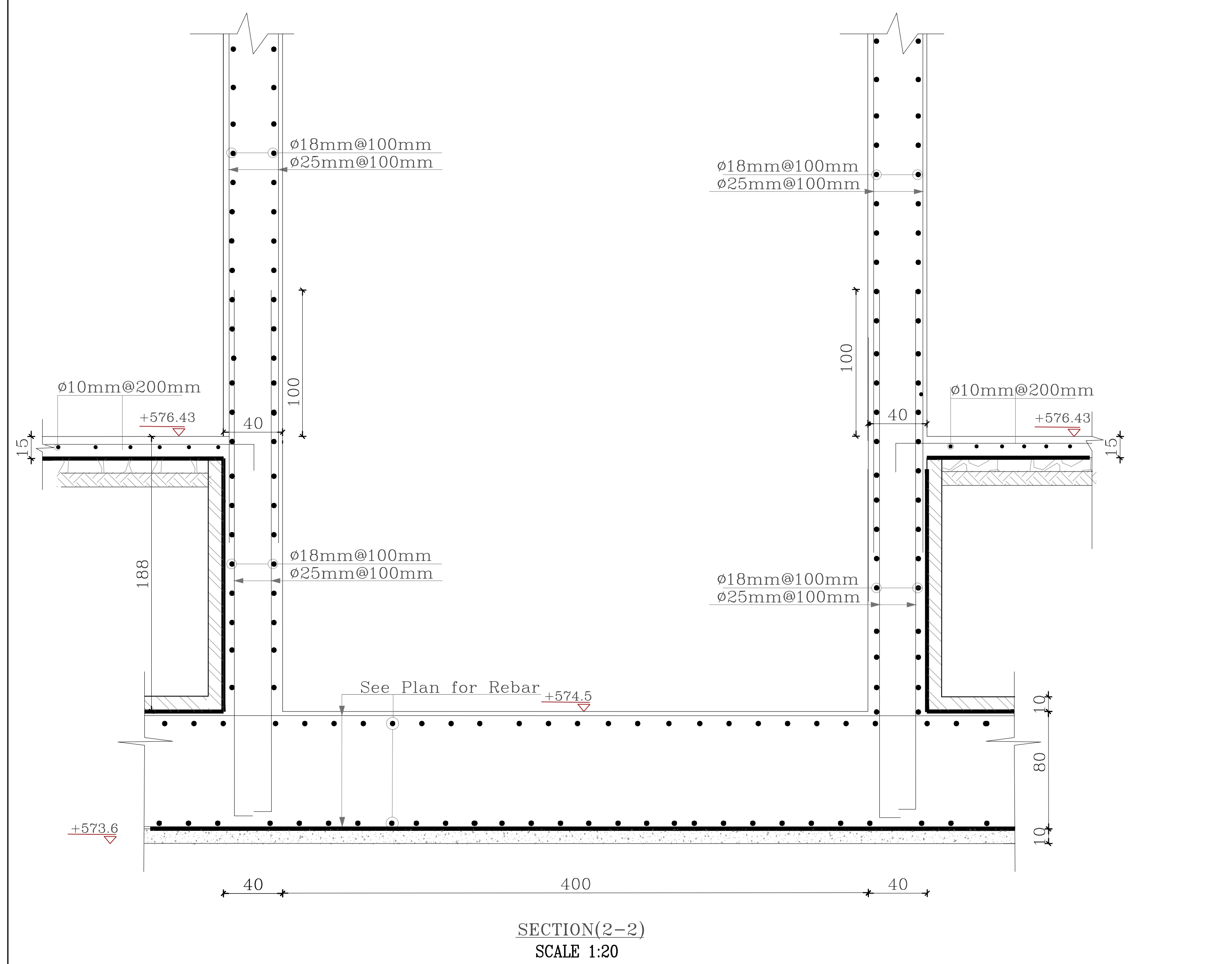
APPROVED BY: H.S

S-07



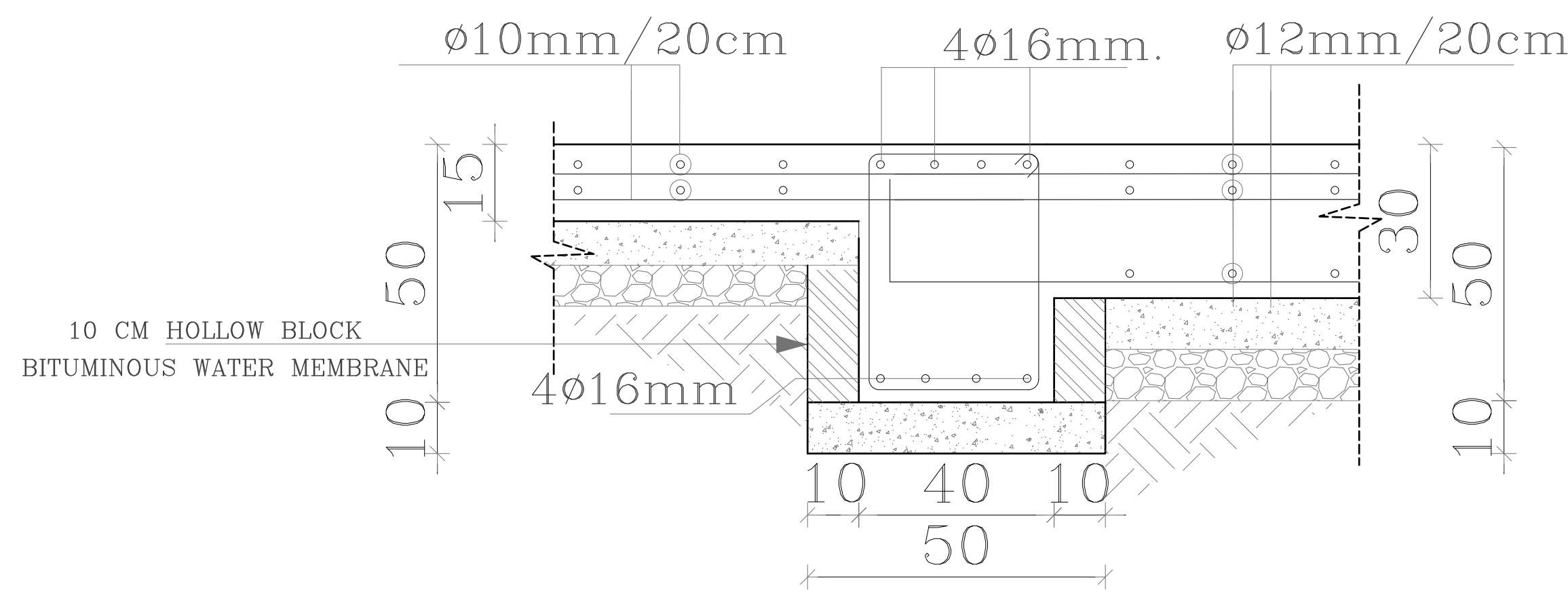
NOTES:

PLOT NO		413	
DISTRICT		IRBID	
BASIN		40 ALMUSRIB ALSHAMALI	
EV. MARK	DATE	MADE BY	REMARKS
CLIENT NATIONAL CENTER FOR DIABETES ENDOCRINOLOGY AND GENETICS			
M P C E	MADI & PARTNERS CONSULTING ENGINEERS TEL.5829640-5829641 FAX.5829642 e-mail : mpce@index.com.jo		
	PROJECT NATIONAL DIABETES AND ENDOCRINOLOGY CENTER BUILDING IN IRBID CITY		
DRG. TITLE	FOUNDATION PLAN		
DRAWN BY : STRUC.T		SCALE: AS SHOWN	
DESIGNED BY : H.S		DATE : DEC.-2023	
CHECKED BY : H.S		PROJECT No.	DRAWING No. S-08
APPROVED BY: H.S			

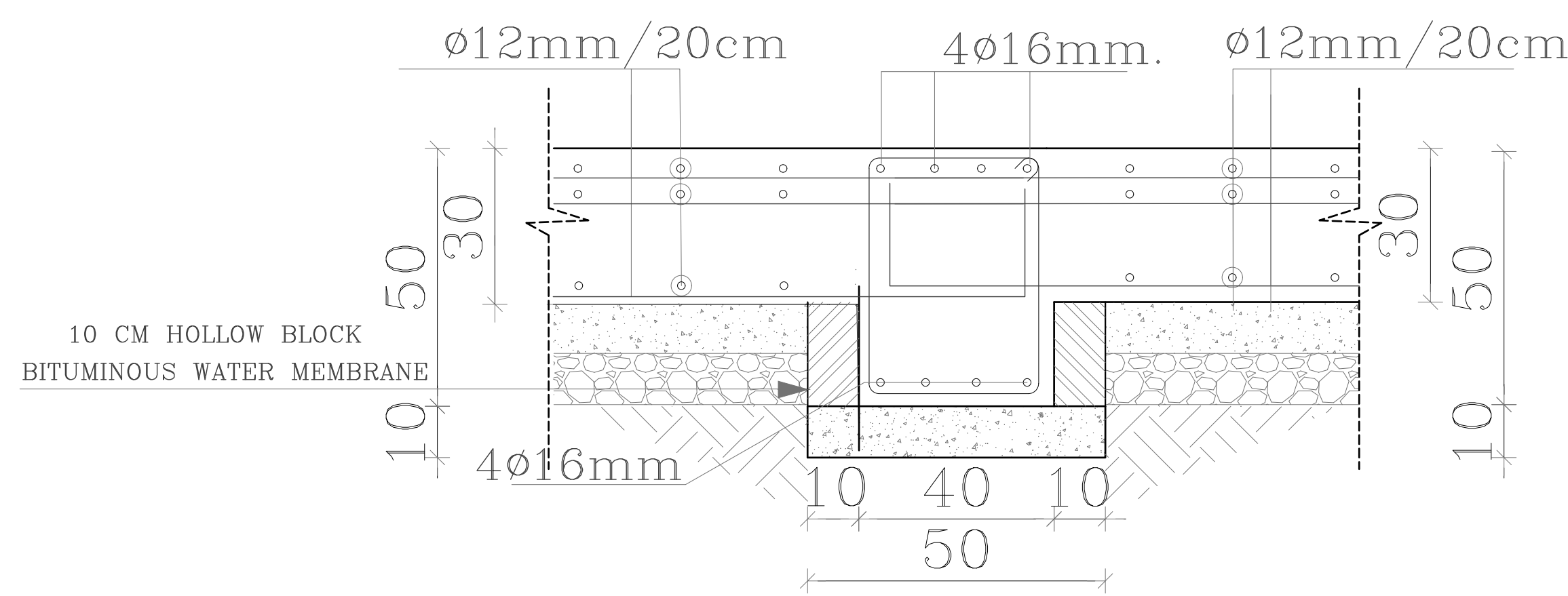


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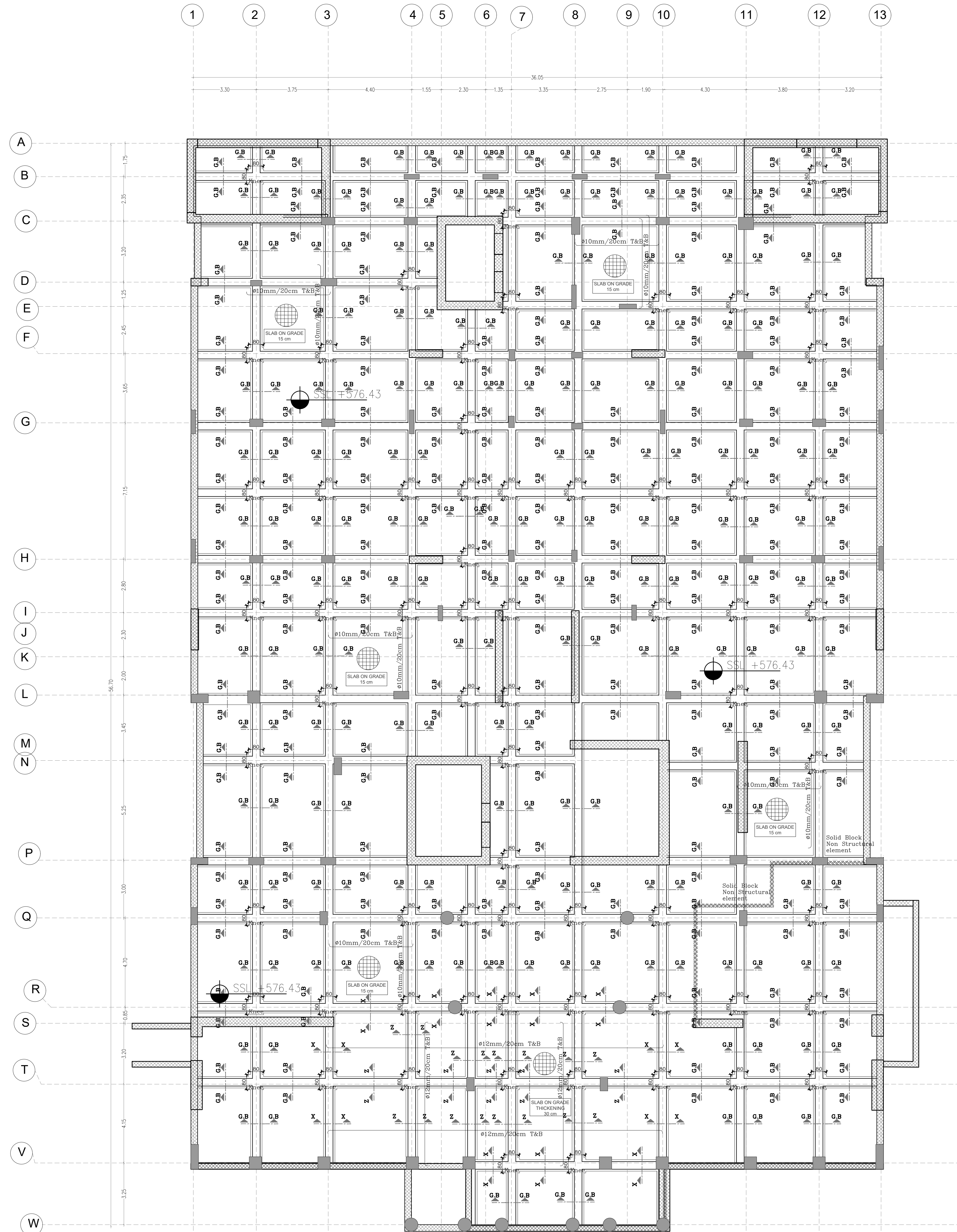
PLOT NO		: 413	
DISTRICT		: IRBID	
BASIN		: 40 ALMUSRIB ALSHAMALIU	
REV. MARK	DATE	MADE BY	REMARKS
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MP	MADi & PARTNERS CONSULTING ENGINEERS TEL.5829640-5829641 FAX.5829642 e-mail : mpce@index.com.jo		
CE			
PROJECT		NATIONAL DIABETES AND ENDOCRINOLOGY CENTER BUILDING IN IRBID CITY	
DRG. TITLE		FOUNDATION DETAILS	
DRAWN BY : STRUC.T		SCALE: 1:20	
DESIGNED BY : H.S		DATE : DEC.-2023	
CHECKED BY : H.S		PROJECT NO.	DRAWING No
APPROVED BY: H.S		S-09	



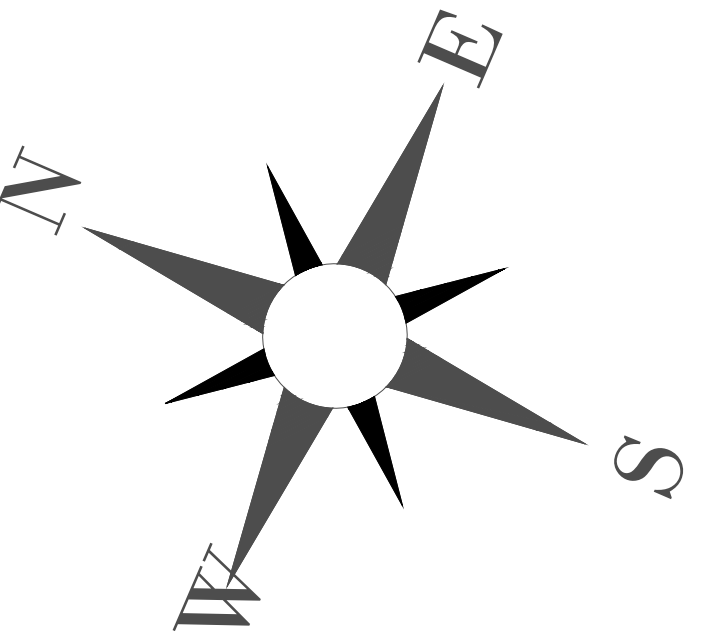
DETAIL X-X
SCALE 1:10



DETAIL Z-Z
SCALE 1:10



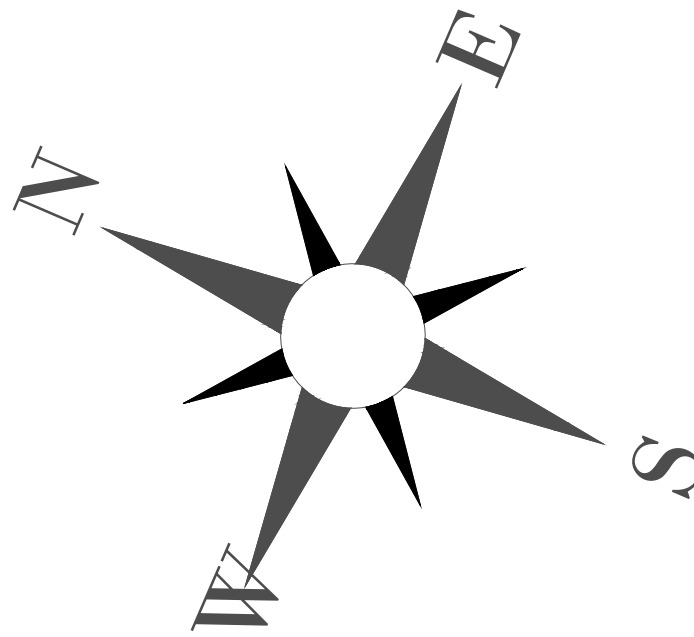
SCALE 1:100



NOTES:

PLOT NO : 413			
DISTRICT : IRBID			
BASIN : 40 ALMUSRIB ALSHAMALIJI			
REV. MARK	DATE	MADE BY	REMARKS
CLIENT NATIONAL CENTER FOR DIABETES ENDOCRINOLOGY AND GENETICS			
M P C E		MADI & PARTNERS CONSULTING ENGINEERS TEL.5829640-5829641 FAX.5829642 e-mail : mpce@index.com.jo	
PROJECT	NATIONAL DIABETES AND ENDOCRINOLOGY CENTER BUILDING IN IRBID CITY		
DRG. TITLE	SLAB ON GRADE REINFORCEMENT PLAN		
DRAWN BY : STRUCT		SCALE: AS SHOWN	
DESIGNED BY : H.S		DATE : DEC.-2023	
CHECKED BY : H.S		PROJECT No.	DRAWING No. S-10
APPROVED BY: H.S			

COLUMN DETAILS			
COLUMN No.	COLUMN SECTIONS		
COLUMN # 1	<div>C1SECTION IN (C1)<div><div>18ø18</div><div>3ø10@20cm</div><div>0.80</div><div>0.25</div></div><div>SCALE 1:20</div></div>	COLUMN # 4	<div>C4SECTION IN (C4)<div><div>22ø20</div><div>4ø10@20cm</div><div>0.90</div><div>0.35</div></div><div>SCALE 1:20</div></div>
COLUMN # 2	<div>C2SECTION IN (C2)<div><div>24ø20</div><div>4ø10@20cm</div><div>1.25</div><div>0.25</div></div><div>SCALE 1:20</div></div>	COLUMN # 5	<div>C5SECTION IN (C5)<div><div>22ø20</div><div>4ø10@20cm</div><div>0.70</div><div>0.40</div></div><div>SCALE 1:20</div></div>
COLUMN # 3	<div>C3SECTION IN (C3)<div><div>18ø20</div><div>2ø10@20cm&1ø10@20CLIP</div><div>0.60</div><div>0.30</div></div><div>SCALE 1:20</div></div>	COLUMN # 6	<div>C6SECTION IN (C6)<div><div>24ø20</div><div>4ø10@20cm</div><div>0.80</div><div>0.40</div></div><div>SCALE 1:20</div></div>
		COLUMN # 7	<div>C7SECTION IN (C7)<div><div>28ø25</div><div>4ø10@20cm</div><div>0.90</div><div>0.45</div></div><div>SCALE 1:20</div></div>
		COLUMN # 10	<div>C10SECTION IN (C10)<div><div>32ø25</div><div>5ø10@20cm</div><div>0.65</div><div>0.65</div></div><div>SCALE 1:20</div></div>
		COLUMN # 11	<div>C11SECTION IN (C11)<div><div>34ø25</div><div>ø12 pitch 20cm SPIRAL STIRRUP</div><div>0.3</div><div>ø0.70</div></div><div>SCALE 1:20</div><div>*TO BE STAGGERED LAP SPLICED.</div></div>
		COLUMN # P.C.1	<div>P.C.1SECTION IN (P.C.1)<div><div>34ø25</div><div>5ø10@20cm</div><div>0.80</div><div>0.60</div></div><div>SCALE 1:20</div></div>
		COLUMN # P.C.2	<div>P.C.2SECTION IN (P.C.2)<div><div>22ø20</div><div>4ø10@20cm</div><div>0.70</div><div>0.40</div></div><div>SCALE 1:20</div></div>
		COLUMN # 12	<div>C12SECTION IN (C12)<div><div>18ø18</div><div>3ø10@20cm</div><div>0.90</div><div>0.25</div></div><div>SCALE 1:20</div></div>

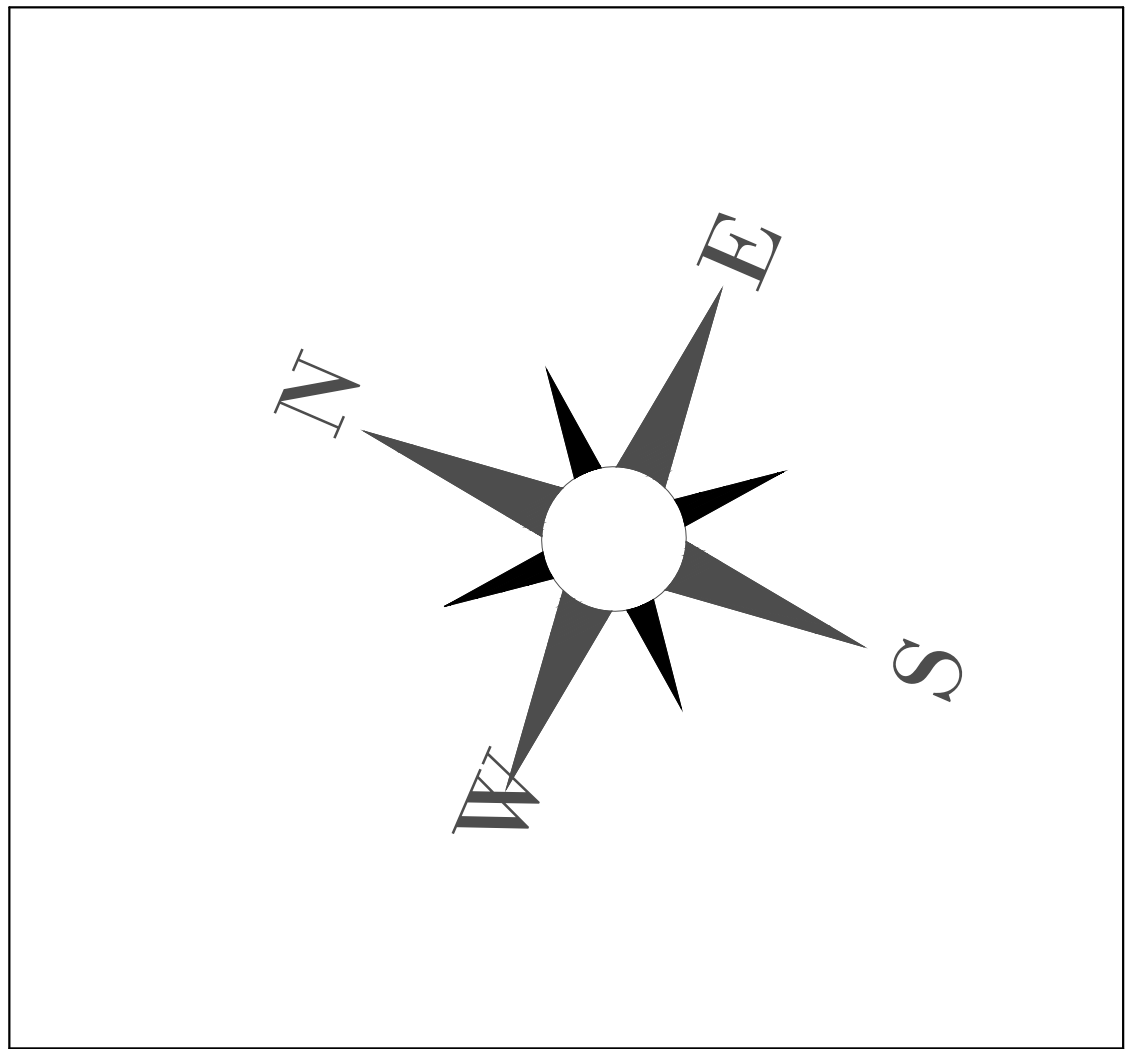


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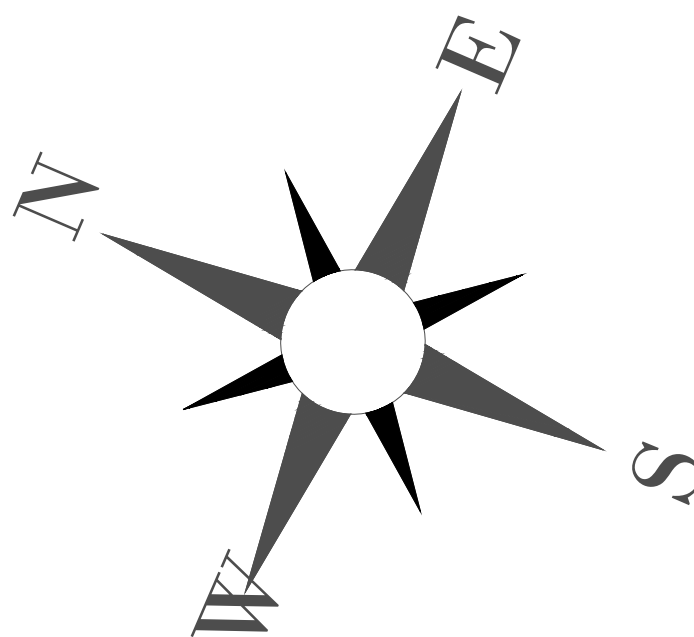
W1				W2			W3			W4		
	WALL THICKNESS	VERTICAL REBAR	HORIZONTAL REBAR	WALL THICKNESS	VERTICAL REBAR	HORIZONTAL REBAR	WALL THICKNESS	VERTICAL REBAR	HORIZONTAL REBAR	WALL THICKNESS	VERTICAL REBAR	HORIZONTAL REBAR
BASEMENT	45	ø25mm@100mm	ø18mm@100mm	45	ø25mm@100mm	ø18mm@100mm	40	ø25mm@100mm	ø12mm@100mm	40	ø25mm@200mm	ø12mm@200mm
GROUND	45	ø25mm@100mm	ø18mm@100mm	45	ø25mm@100mm	ø18mm@100mm	40	ø25mm@100mm	ø12mm@100mm	40	ø25mm@200mm	ø12mm@200mm
FIRST	45	ø25mm@100mm	ø18mm@100mm	45	ø25mm@100mm	ø18mm@100mm	40	ø25mm@100mm	ø12mm@100mm	40	ø18mm@200mm	ø12mm@200mm
SECOND	45	ø25mm@100mm	ø18mm@100mm	45	ø25mm@100mm	ø18mm@100mm	40	ø25mm@100mm	ø12mm@100mm	40	ø18mm@200mm	ø12mm@200mm
THIRD	45	ø16mm@100mm	ø16mm@100mm	45	ø25mm@100mm	ø14mm@100mm	40	ø25mm@100mm	ø12mm@100mm	40	ø18mm@200mm	ø12mm@200mm
FOURTH	45	ø16mm@100mm	ø16mm@100mm	45	ø25mm@100mm	ø14mm@100mm	40	ø25mm@100mm	ø12mm@100mm	40	ø18mm@200mm	ø12mm@200mm
FIFTH	45	ø16mm@100mm	ø16mm@100mm	45	ø25mm@100mm	ø14mm@100mm	40	ø25mm@100mm	ø12mm@100mm	40	ø18mm@200mm	ø12mm@200mm

W5				W6			W7			W8		
	WALL THICKNESS	VERTICAL REBAR	HORIZONTAL REBAR	WALL THICKNESS	VERTICAL REBAR	HORIZONTAL REBAR	WALL THICKNESS	VERTICAL REBAR	HORIZONTAL REBAR	WALL THICKNESS	VERTICAL REBAR	HORIZONTAL REBAR
BASEMENT	45/55	ø25mm@75mm	ø20mm@150mm	50	ø18mm@100mm	ø12mm@200mm	50	ø25mm@75mm	ø20mm@150mm	60	ø20mm@100mm	ø16mm@200mm
GROUND	45/55	ø25mm@75mm	ø20mm@150mm	50	ø18mm@100mm	ø12mm@200mm	50	ø25mm@75mm	ø20mm@150mm	60	ø20mm@100mm	ø16mm@200mm
FIRST	45/55	ø25mm@75mm	ø20mm@150mm	50	ø18mm@100mm	ø12mm@200mm	50	ø25mm@75mm	ø20mm@150mm	60	ø20mm@100mm	ø16mm@200mm
SECOND	45/55	ø25mm@75mm	ø20mm@150mm	50	ø14mm@100mm	ø12mm@200mm	50	ø25mm@75mm	ø20mm@150mm	60	ø14mm@100mm	ø12mm@200mm
THIRD	45/55	ø25mm@75mm	ø20mm@150mm	50	ø14mm@100mm	ø12mm@200mm	50	ø25mm@150mm	ø20mm@150mm	60	ø14mm@200mm	ø12mm@200mm
FOURTH	45/55	ø25mm@150mm	ø18mm@150mm	50	ø14mm@100mm	ø12mm@200mm	50	ø25mm@150mm	ø16mm@150mm	60	ø14mm@200mm	ø12mm@200mm
FIFTH	45/55	ø25mm@150mm	ø18mm@150mm	50	ø14mm@100mm	ø12mm@200mm	50	ø25mm@150mm	ø16mm@150mm	60	ø14mm@200mm	ø12mm@200mm

PLOT NO : 413			
DISTRICT : IRBID			
BASIN : 40 ALMUSRIB ALSHAMALI			
REV. MARK	DATE	MADE BY	REMARKS
CLIENT	NATIONAL CENTER FOR DIABETES ENDOCRINOLOGY AND GENETICS		
MPC E	MADI & PARTNERS CONSULTING ENGINEERS		
	TEL.5829640-5829641 FAX.5829642 e-mail : mpce@index.com.jo		
PROJECT	NATIONAL DIABETES AND ENDOCRINOLOGY CENTER BUILDING IN IRBID CITY		
DRG. TITLE	COLUMN AND SHEAR WALLS REINFORCEMENT DETAILS		
DRAWN BY : STRUCT		SCALE: AS SHOWN	
DESIGNED BY: H.S		DATE : DEC.-2023	
CHECKED BY : H.S		PROJECT No.	DRAWING No.
APPROVED BY: H.S			

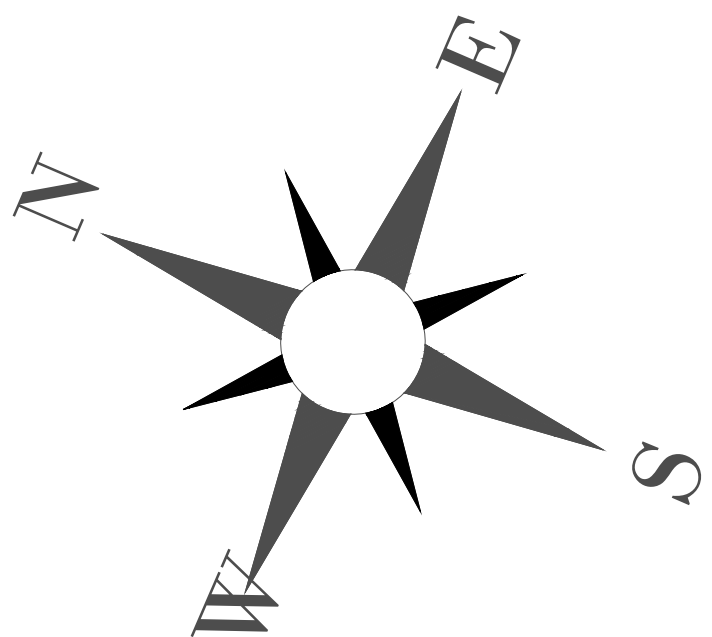


PLOT NO :		413	
DISTRICT :		IRIBID	
BASIN :		40 ALMUSRIB ALSHAMALI	
V. MARK	DATE	MADE BY	REMARKS
CLIENT	NATIONAL CENTER FOR DIABETES ENDOCRINOLOGY AND GENETICS		
MPC E	MADI & PARTNERS CONSULTING ENGINEERS TEL.5829640-5829641 FAX.5829642 e-mail : mpce@index.com.jo		
	PROJECT NATIONAL CENTER AND ENDOCRINOLOGY CENTER BUILDING IN IRIBID CITY		
RG. TITLE	BASEMENT FLOOR SLAB REINFORCEMENT PLAN		
DRAWN BY : STRUCT		SCALE: 1:100	
DESIGNED BY: H.S		DATE : DEC.- 2023	
CHECKED BY: H.S		PROJECT No.	DRAWING No. S-12
APPROVED BY: H.S			



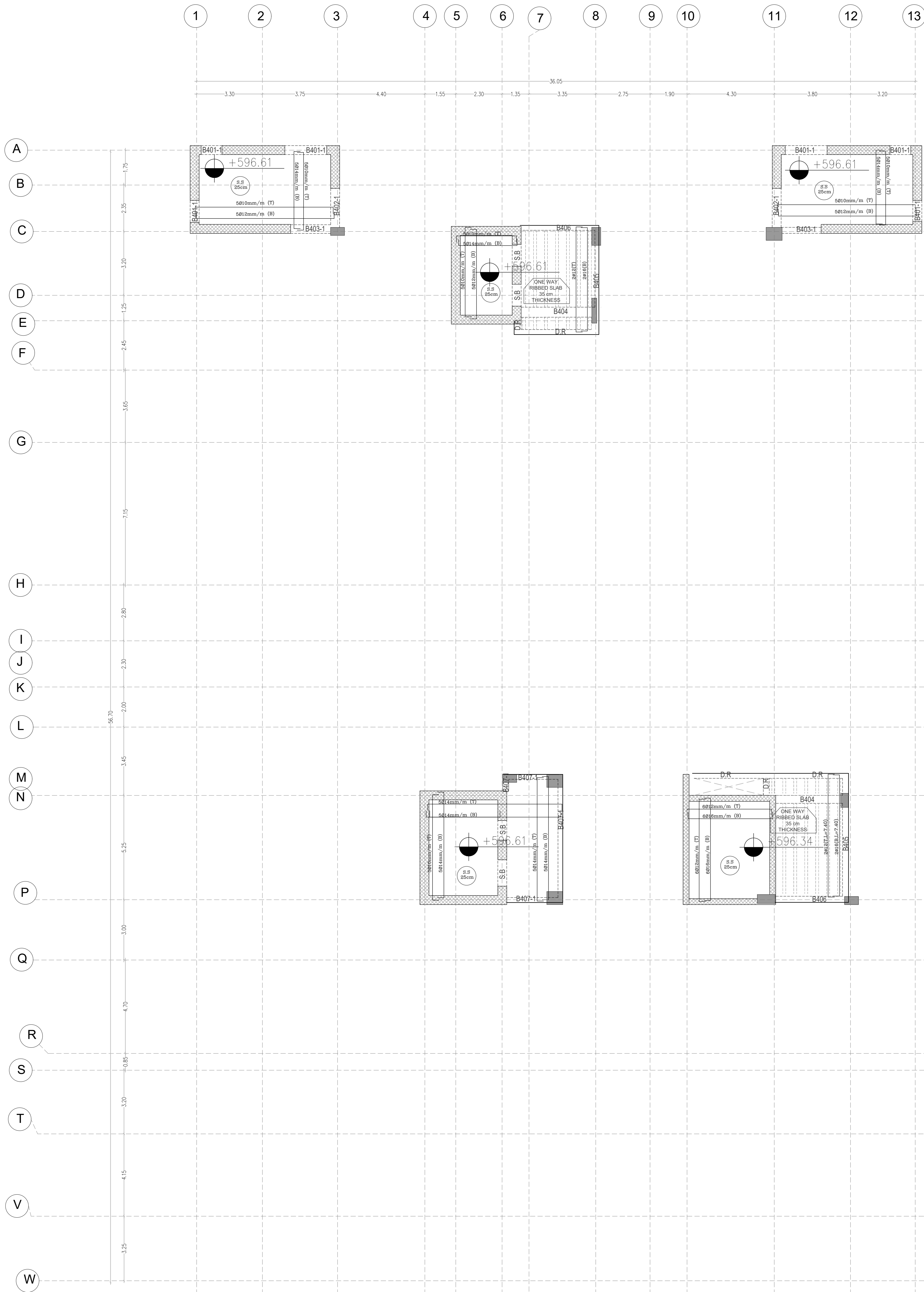
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PLOT NO		:	413	
DISTRICT		:	IRBID	
BASIN		:	40 ALMUSRIB ALSHAMALIJI	
REV. MARK	DATE	MADE BY	REMARKS	
CLIENT	NATIONAL CENTER FOR DIABETES ENDOCRINOLOGY AND GENETICS			
MP CE	MADI & PARTNERS CONSULTING ENGINEERS TEL.5829640-5829641 FAX.5829642 e-mail : mpce@index.com.jo			
PROJECT	NATIONAL DIABETES AND ENDOCRINOLOGY CENTER BUILDING IN IRBID CITY			
DRG. TITLE	GROUND FLOOR SLAB REINFORCEMENT PLAN			
DRAWN BY : STRUCT			SCALE: 1:100	
DESIGNED BY : H.S			DATE : DEC.-2023	
CHECKED BY : H.S			PROJECT No.	DRAWING No. S-13
APPROVED BY: H.S				

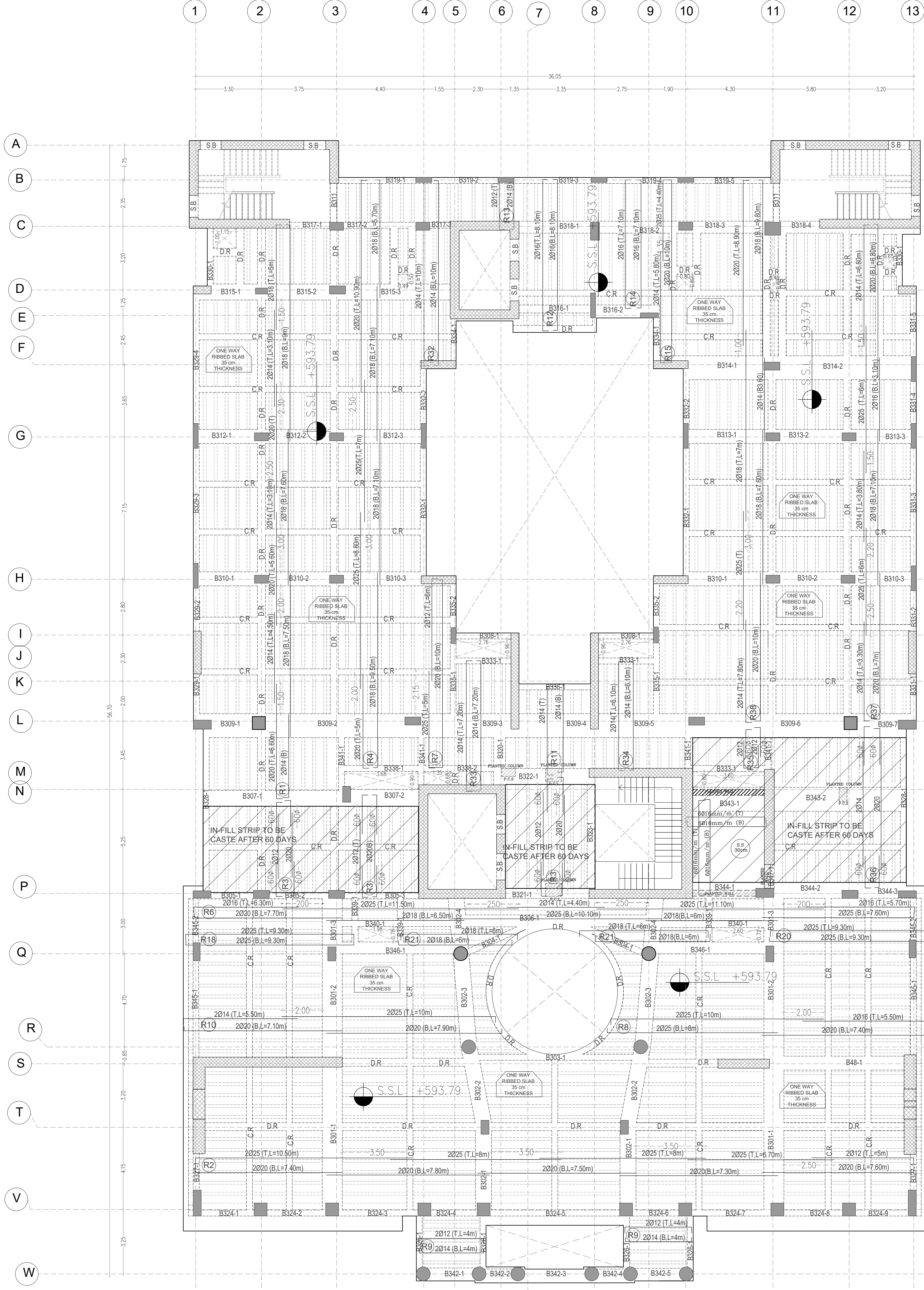


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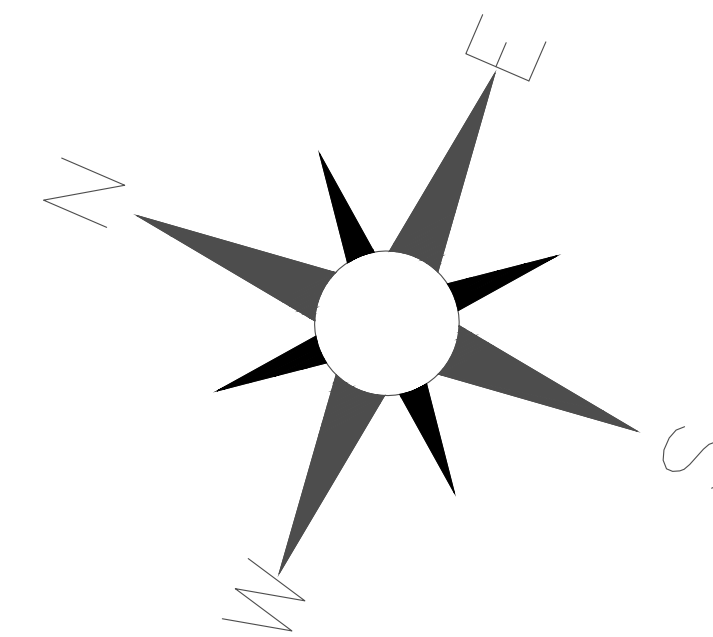
PLOT NO		:	413	
DISTRICT		:	IRBID	
BASIN		:	40 ALMUSRIB ALSHAMALIJI	
EV. MARK	DATE	MADE BY	REMARKS	
CLIENT	NATIONAL CENTER FOR DIABETES ENDOCRINOLOGY AND GENETICS			
MP CE	MADI & PARTNERS CONSULTING ENGINEERS TEL.5829640-5829641 FAX.5829642 e-mail : mpce@index.com.jo			
PROJECT	NATIONAL DIABETES AND ENDOCRINOLOGY CENTER BUILDING IN IRBID CITY			
DRG. TITLE	FIRST FLOOR SLAB REINFORCEMENT PLAN			
DRAWN BY : STRUCT			SCALE: 1:100	
DESIGNED BY : H.S			DATE : DEC.-2023	
CHECKED BY : H.S			PROJECT No.	DRAWING No.
APPROVED BY: H.S				



ROOF FLOOR SLAB REINFORCEMENT PLAN

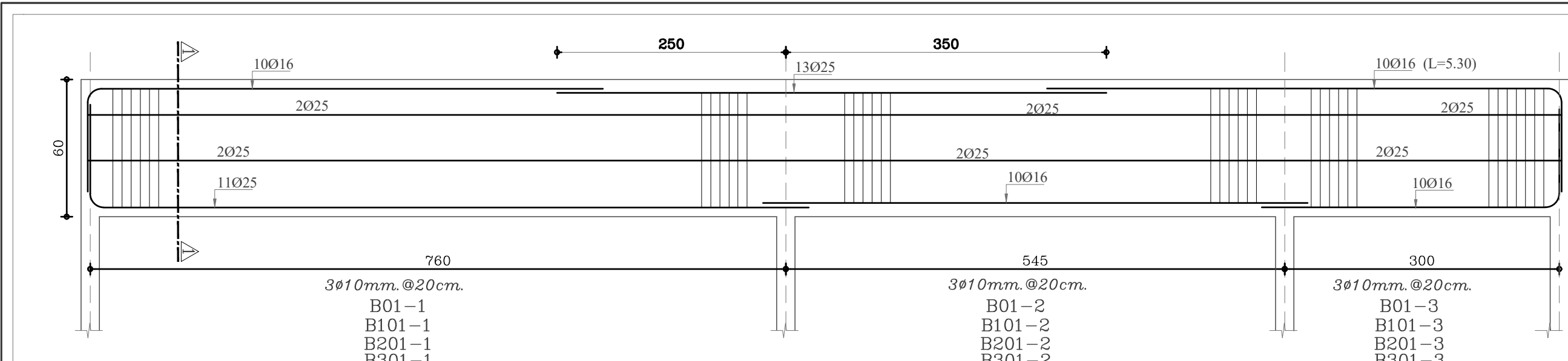


SECOND FLOOR SLAB REINFORCEMENT PLAN

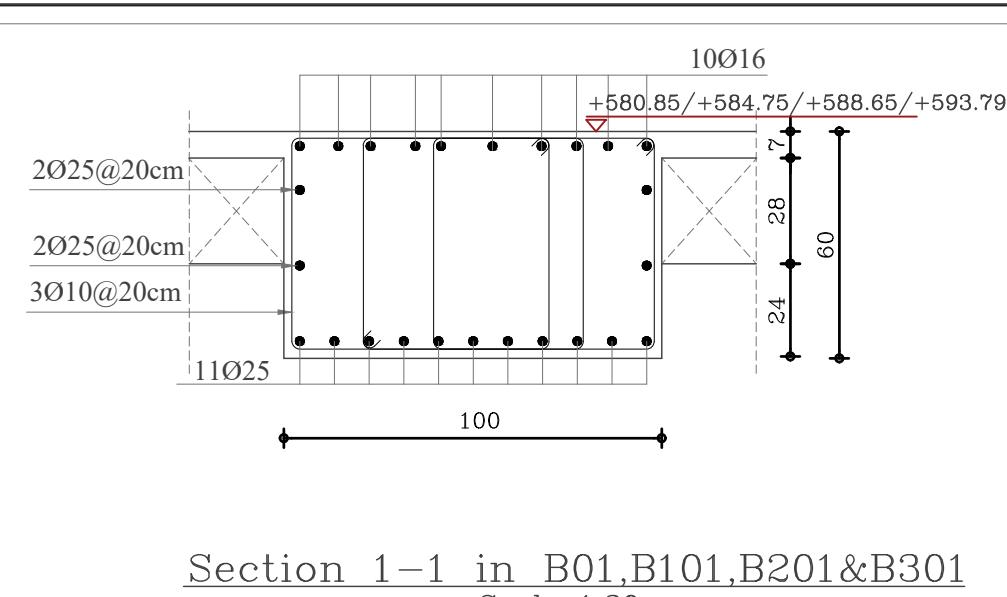


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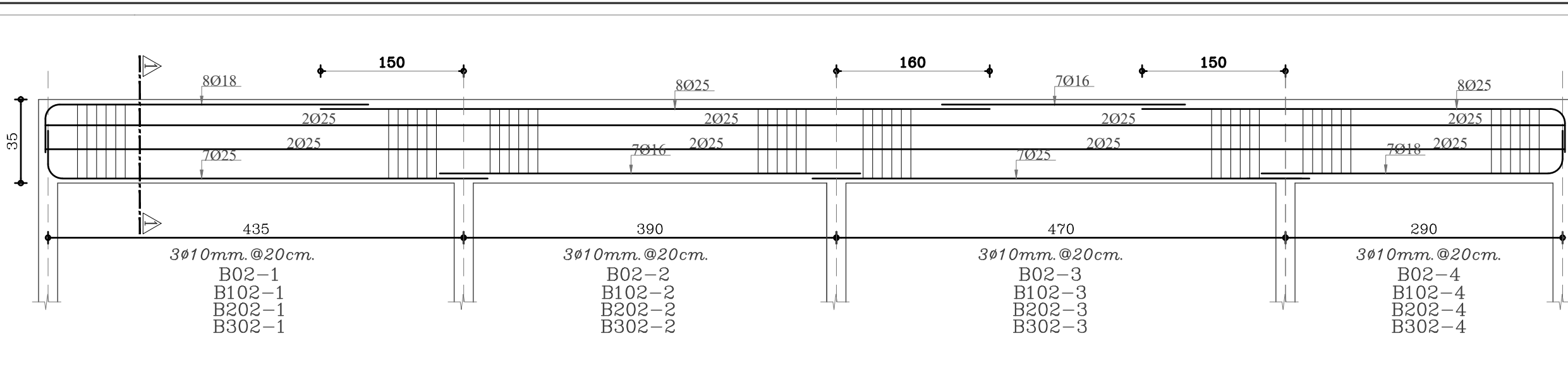
PLOT NO		413	
DISTRICT		IRBID	
BASIN		40 ALMUSRIB ALSHAMALIY	
REV	MARK	DATE	MADE BY
CLIENT			
NATIONAL CENTER FOR DIABETES ENDOCRINOLOGY AND GENETICS			
M P C E	MADI & PARTNERS CONSULTING ENGINEERS		
	TEL.5829640-5829641 FAX.5829642 e-mail : mpce@index.com.jo		
PROJECT	NATIONAL DIABETES AND ENDOCRINOLOGY CENTER BUILDING IN IRBID CITY		
DRG. TITLE	SECOND AND ROOF FLOOR SLAB REINFORCEMENT PLAN		
DRAWN BY		STRUCT	SCALE: 1:100
DESIGNED BY		H.S	DATE :DEC.-2023
CHECKED BY		H.S	PROJECT No. DRAWING No. S-15
APPROVED BY:		H.S	



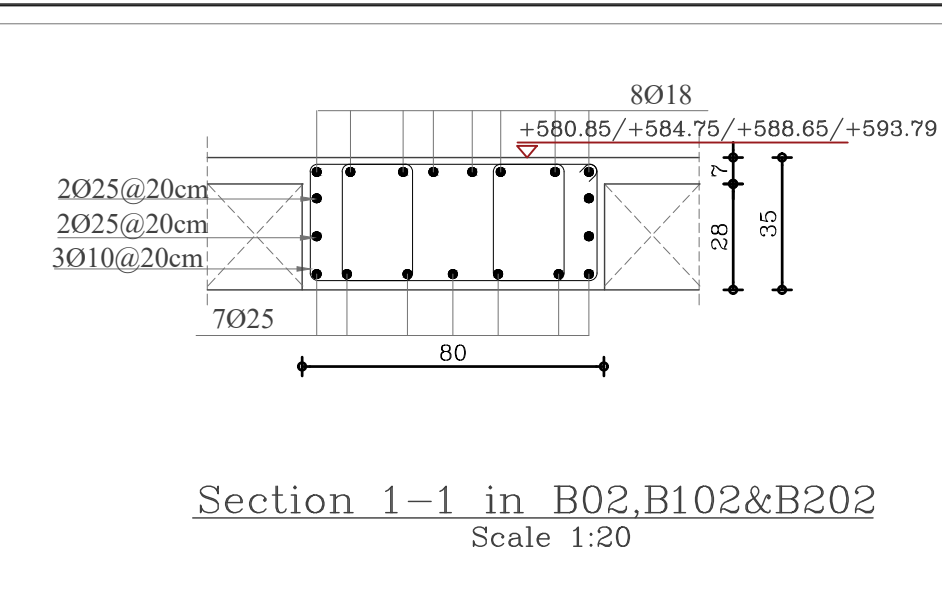
LONGITUDINAL SECTION IN B01,B101,B201&B301
Scale: H- 1:50
V- 1:20



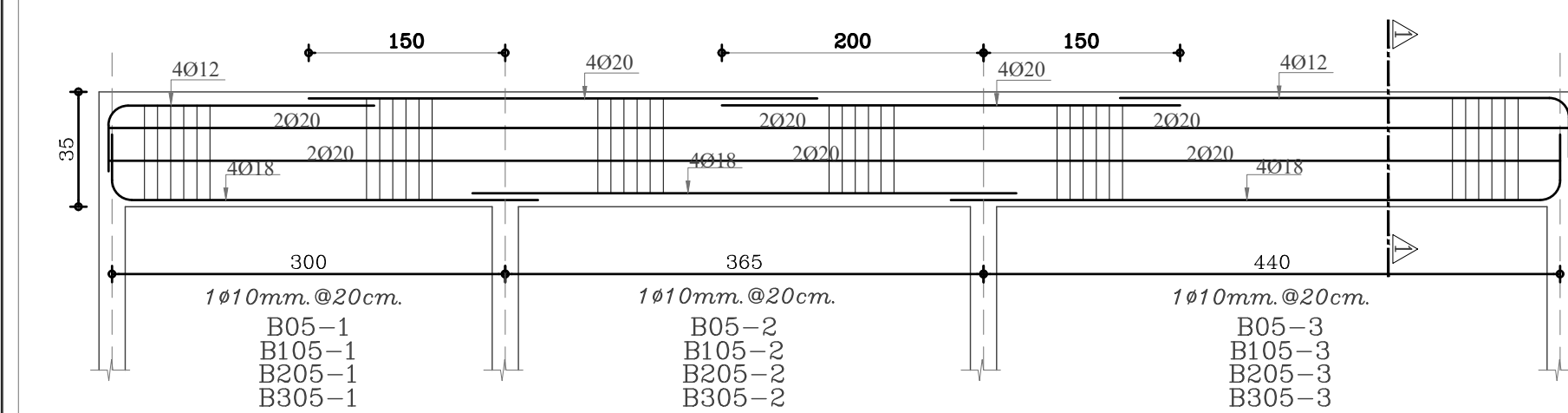
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Scale 1:20



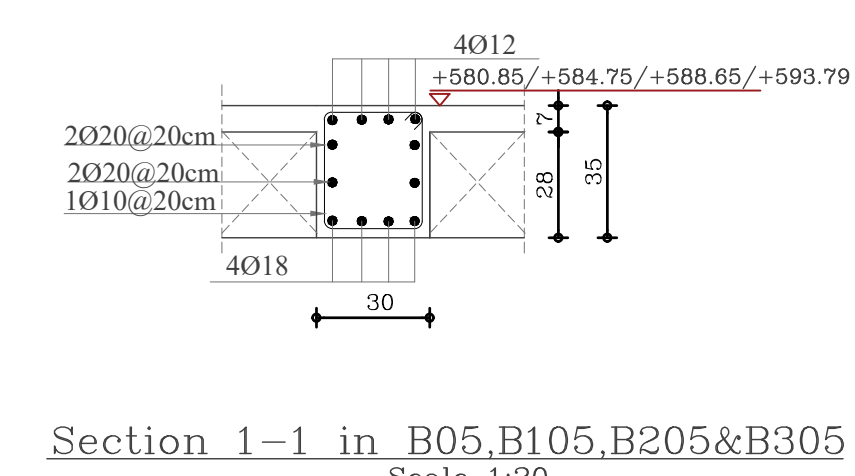
LONGITUDINAL SECTION IN B02,B102&B202
Scale: H- 1:50
V- 1:20



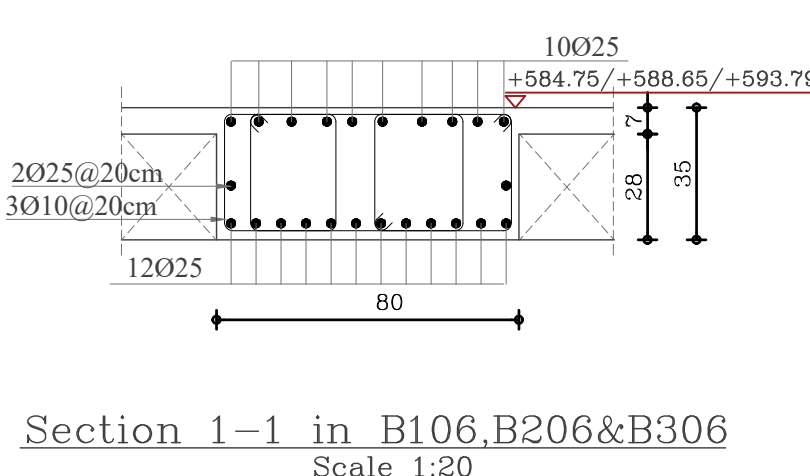
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Scale 1:20



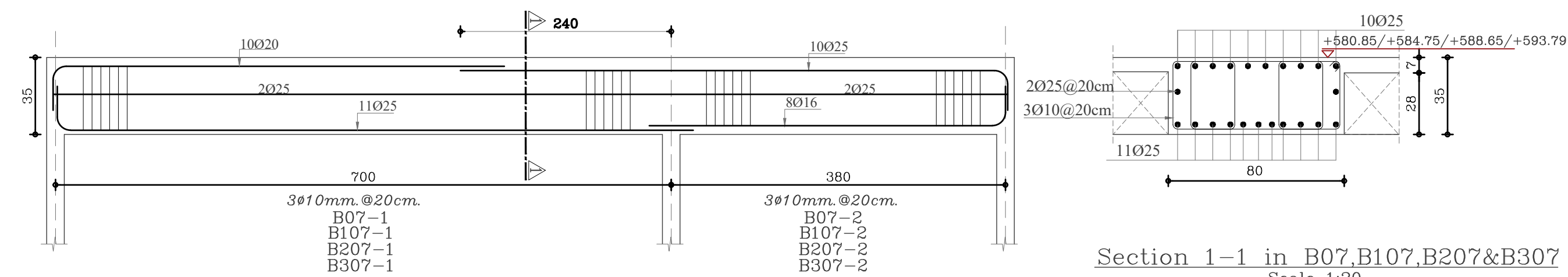
LONGITUDINAL SECTION IN B05,B105,B205&B305
Scale: H- 1:50
V- 1:20



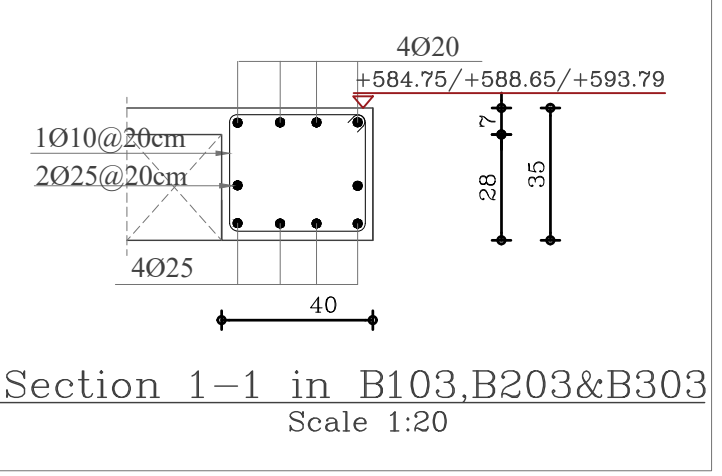
Section 1-1 in B05,B105,B205&B305
Scale 1:20



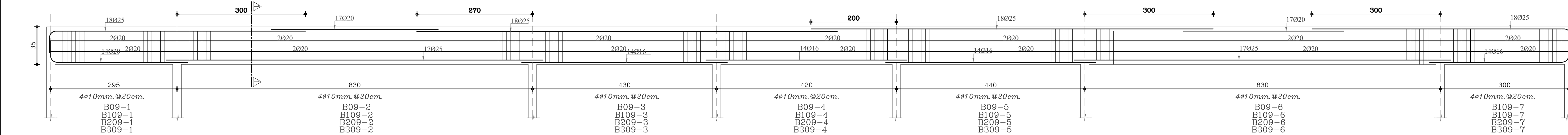
Section 1-1 in B106,B206&B306
Scale 1:20



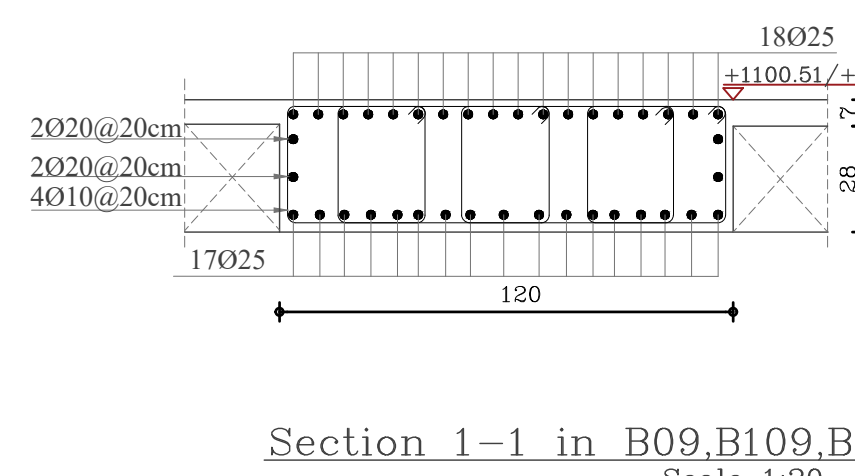
LONGITUDINAL SECTION IN B07,B107,B207&B307
Scale: H- 1:50
V- 1:20



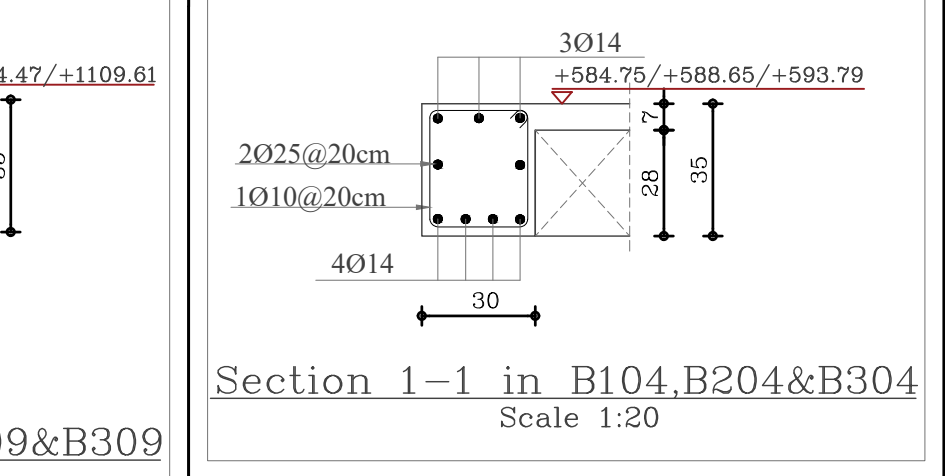
Section 1-1 in B103,B203&B303
Scale 1:20



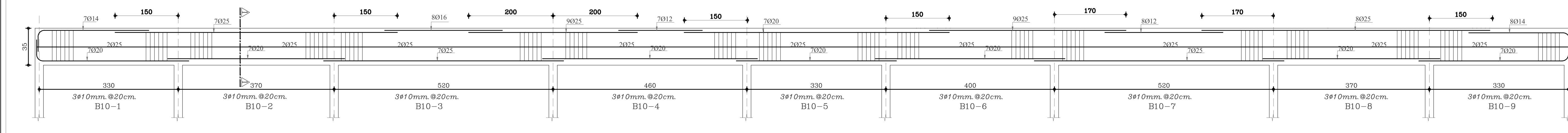
LONGITUDINAL SECTION IN B09,B109,B209&B309
Scale: H- 1:50
V- 1:20



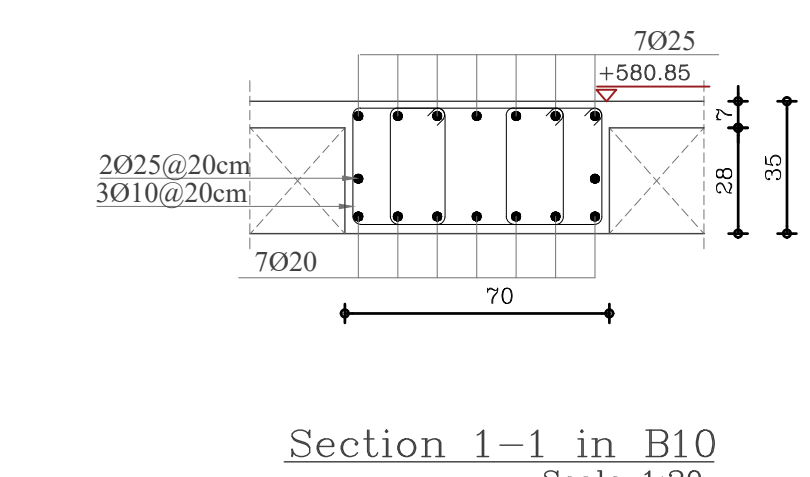
Section 1-1 in B09,B109,B209&B309
Scale 1:20



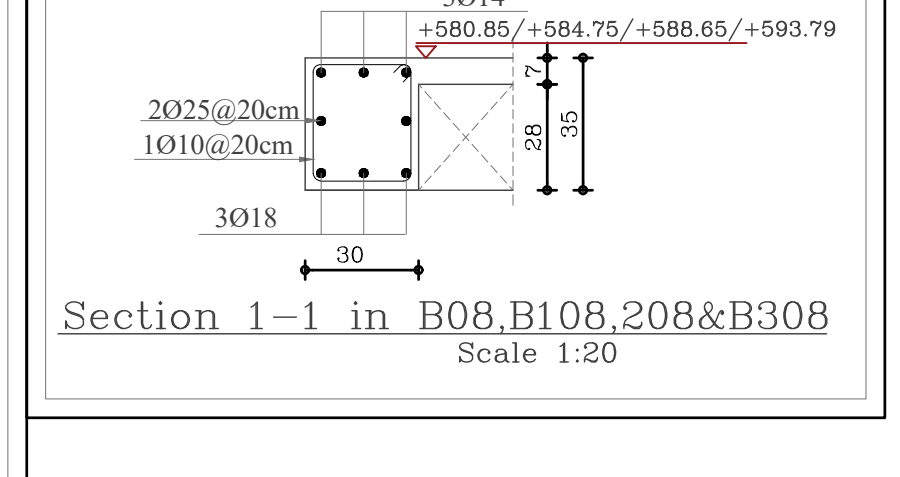
Section 1-1 in B104,B204&B304
Scale 1:20



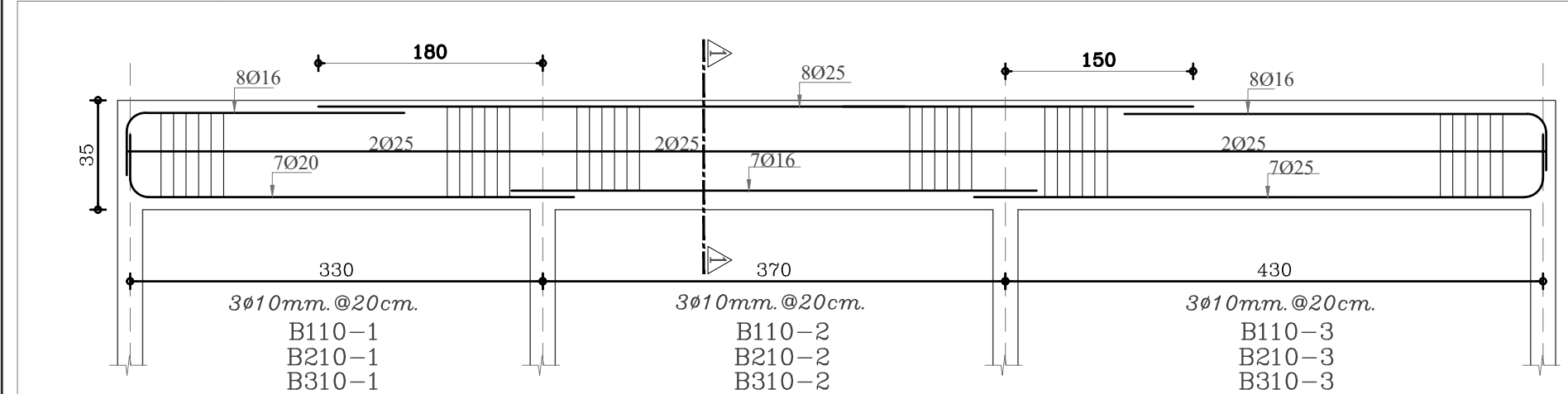
LONGITUDINAL SECTION IN B10
Scale: H- 1:50
V- 1:20



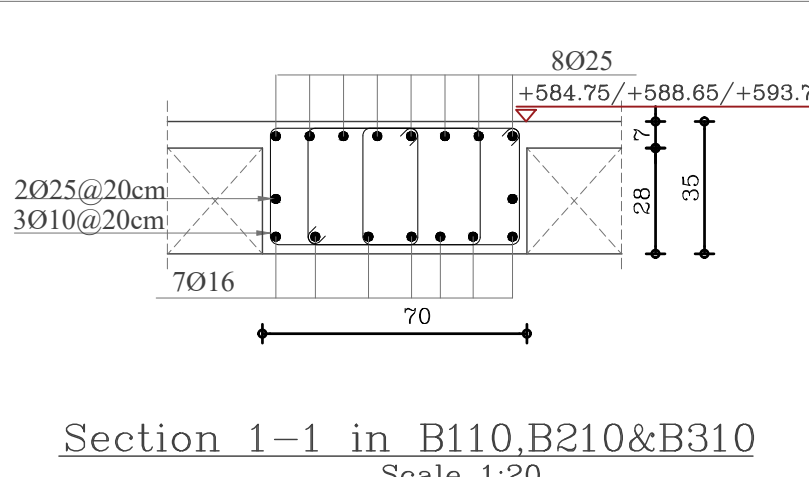
Section 1-1 in B10
Scale 1:20



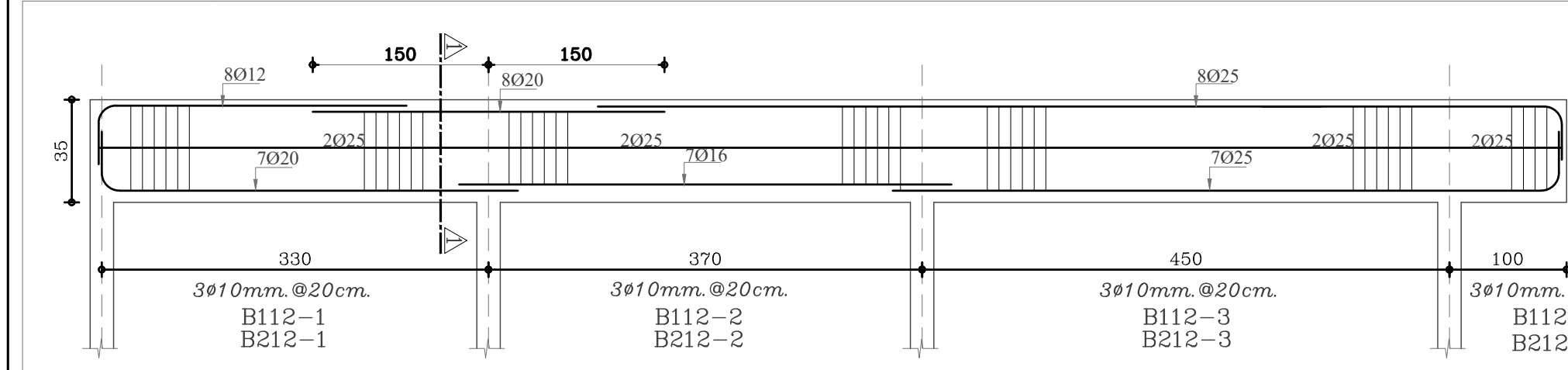
Section 1-1 in B08,B108,B208&B308
Scale 1:20



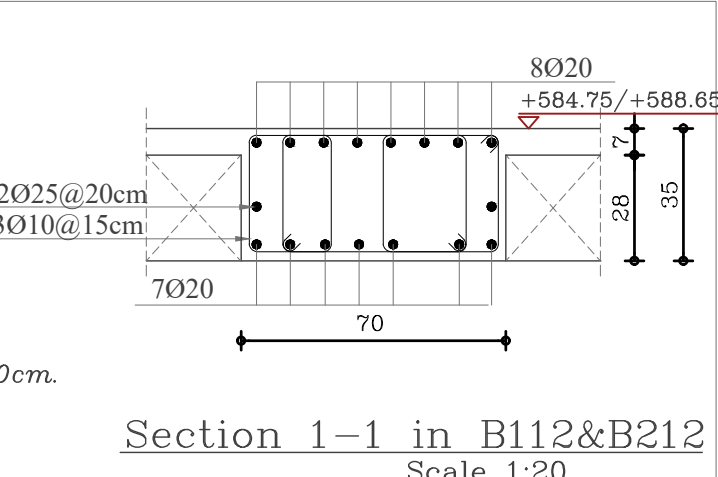
LONGITUDINAL SECTION IN B110,B210&B310
Scale: H- 1:50
V- 1:20



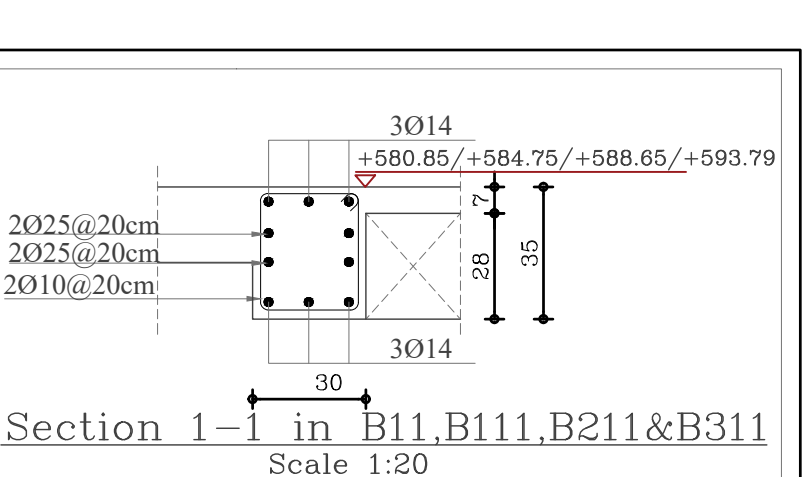
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Scale 1:20



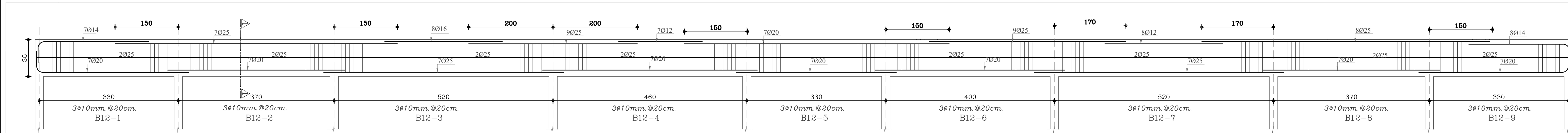
LONGITUDINAL SECTION IN B112&B212
Scale: H- 1:50
V- 1:20



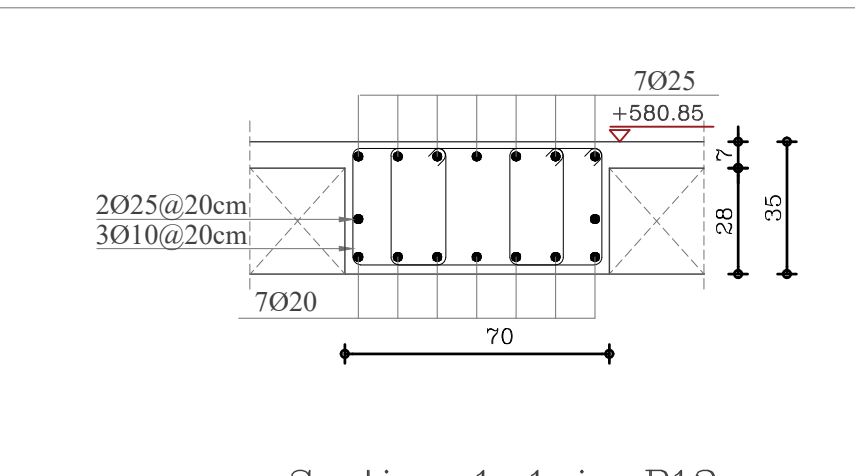
Section 1-1 in B112&B212
Scale 1:20



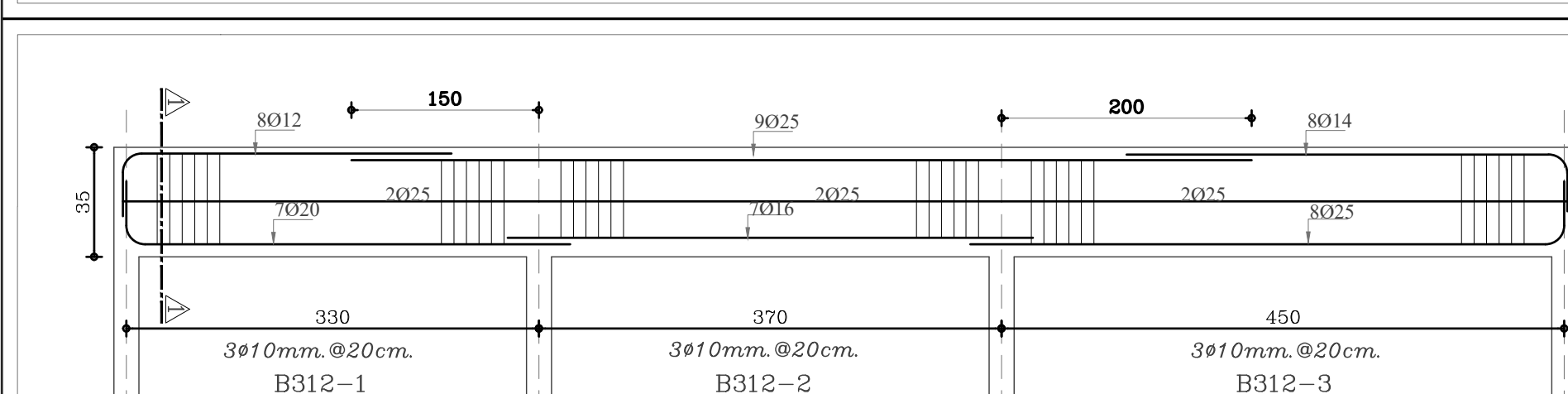
Section 1-1 in B11,B111,B211&B311
Scale 1:20



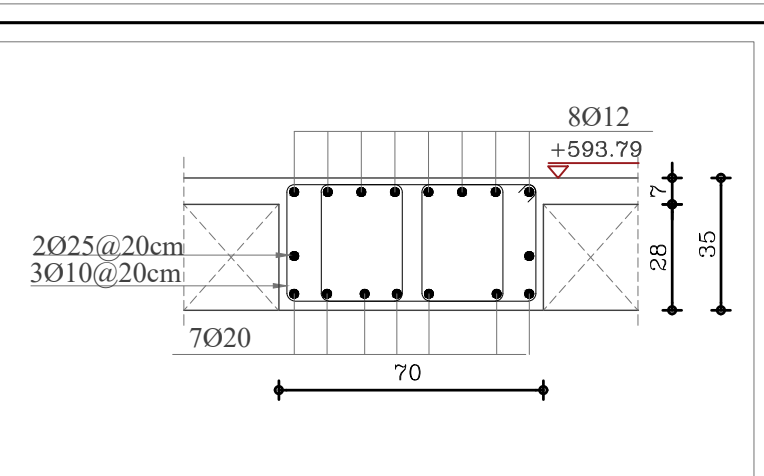
LONGITUDINAL SECTION IN B12
Scale: H- 1:50
V- 1:20



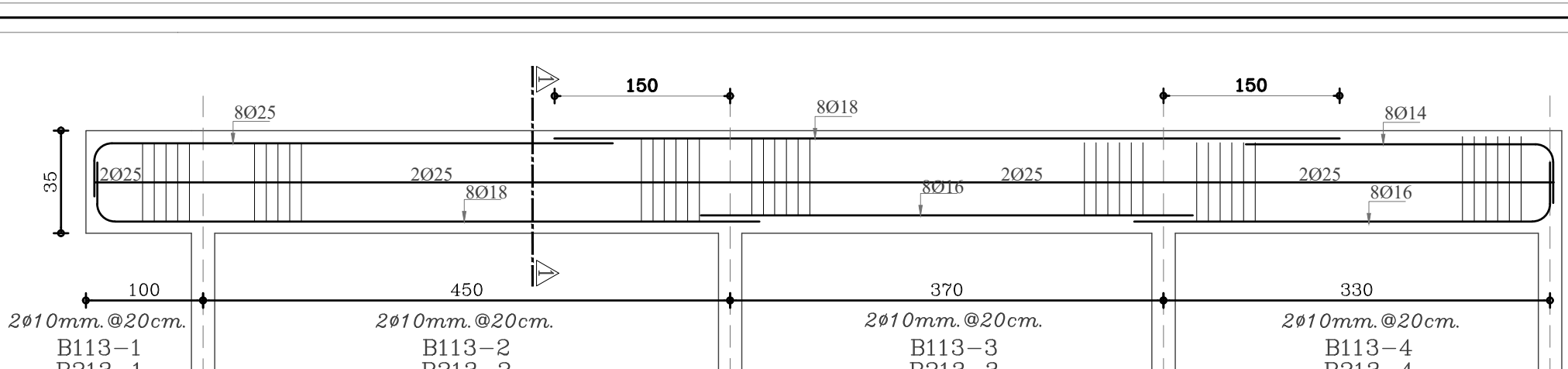
Section 1-1 in B12
Scale 1:20



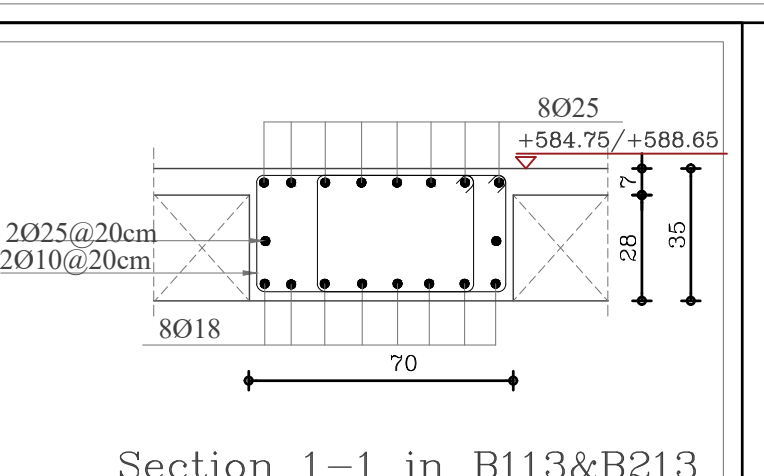
LONGITUDINAL SECTION IN B312
Scale: H- 1:50
V- 1:20



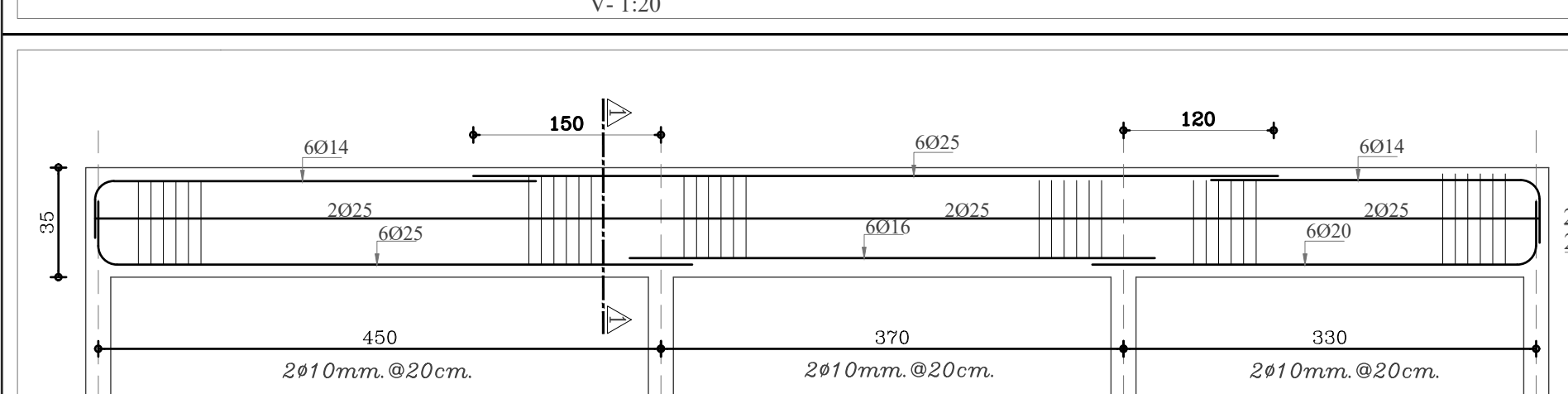
Section 1-1 in B312
Scale 1:20



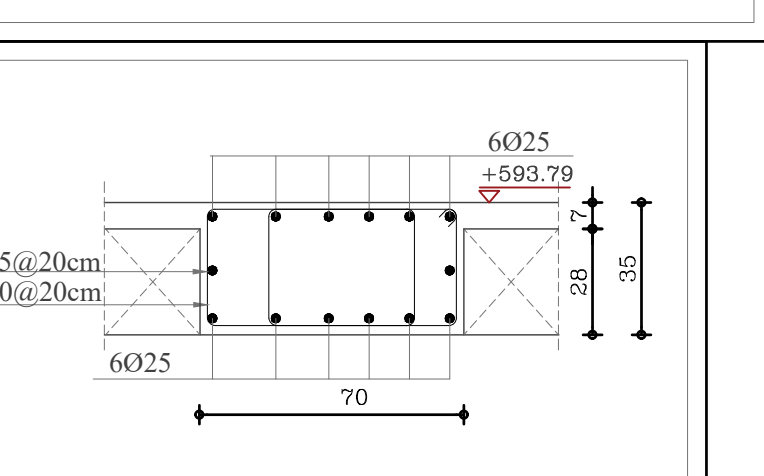
LONGITUDINAL SECTION IN B113&B213
Scale: H- 1:50
V- 1:20



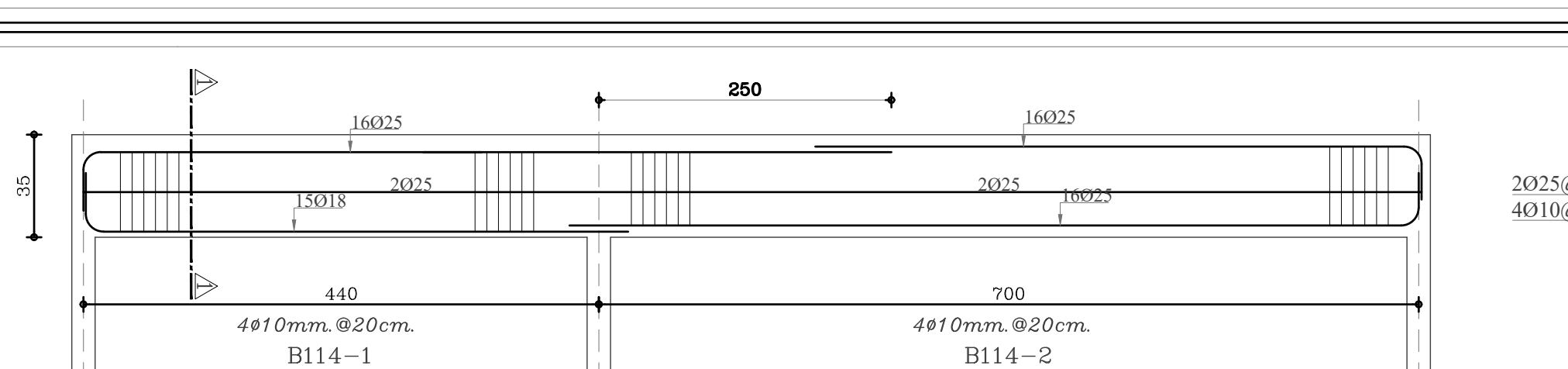
Section 1-1 in B113&B213
Scale 1:20



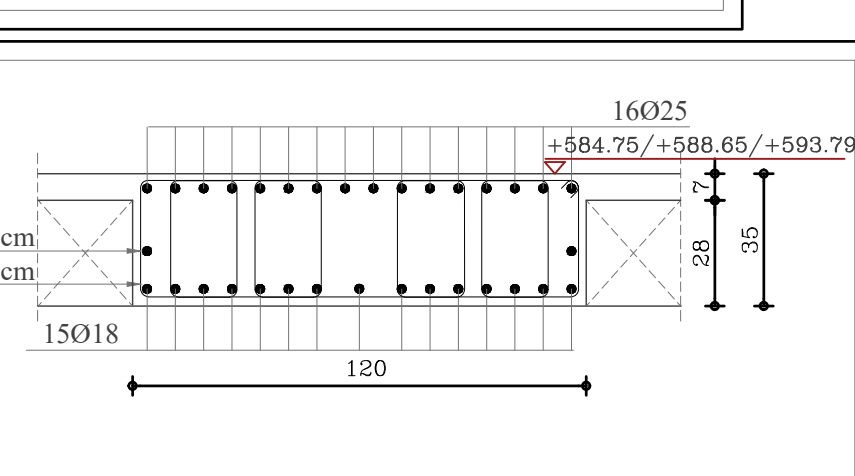
LONGITUDINAL SECTION IN B313
Scale: H- 1:50
V- 1:20



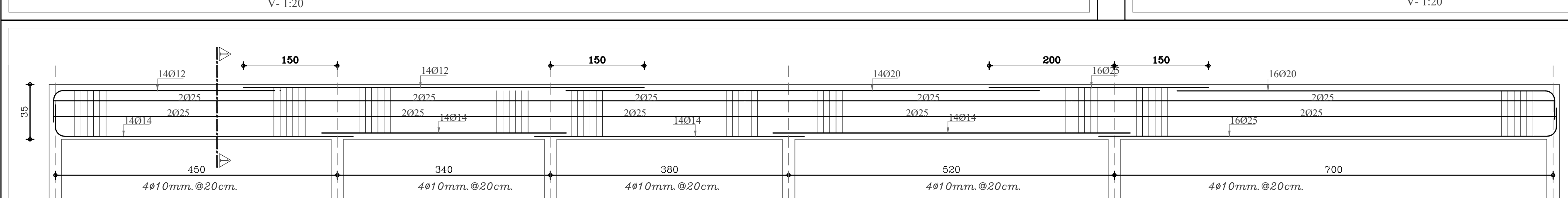
Section 1-1 in B313
Scale 1:20



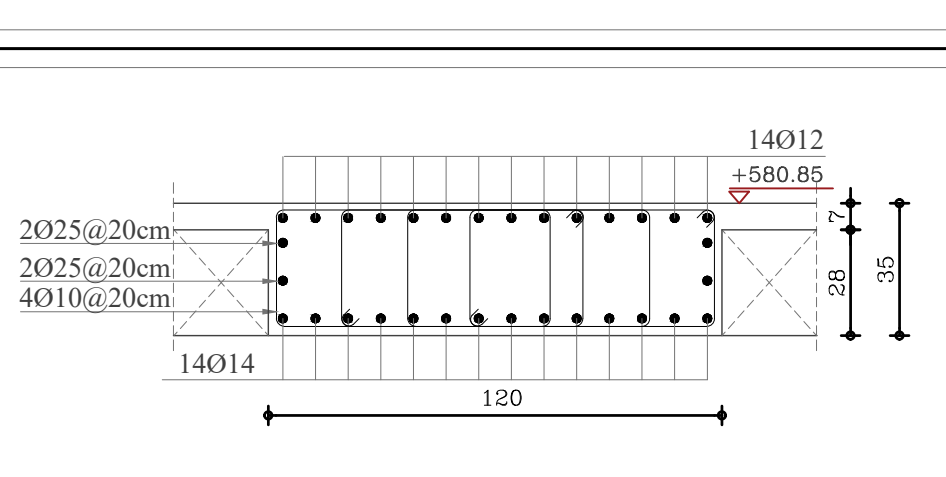
LONGITUDINAL SECTION IN B114,B214&B314
Scale: H- 1:50
V- 1:20



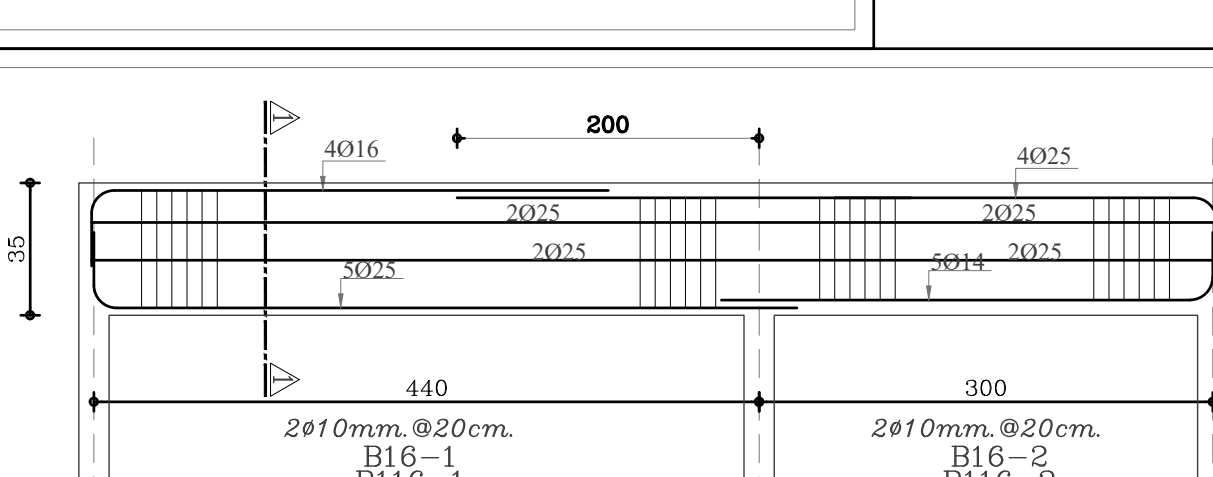
Section 1-1 in B114,B214&B314
Scale 1:20



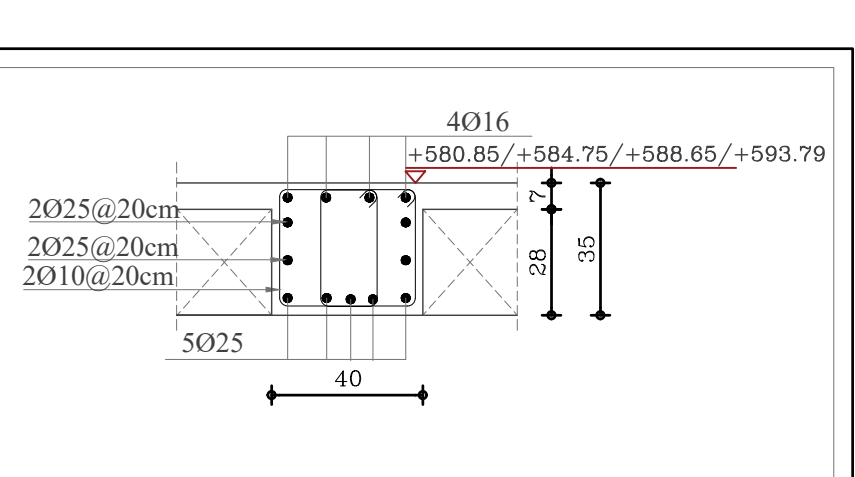
LONGITUDINAL SECTION IN B14
Scale: H- 1:50
V- 1:20



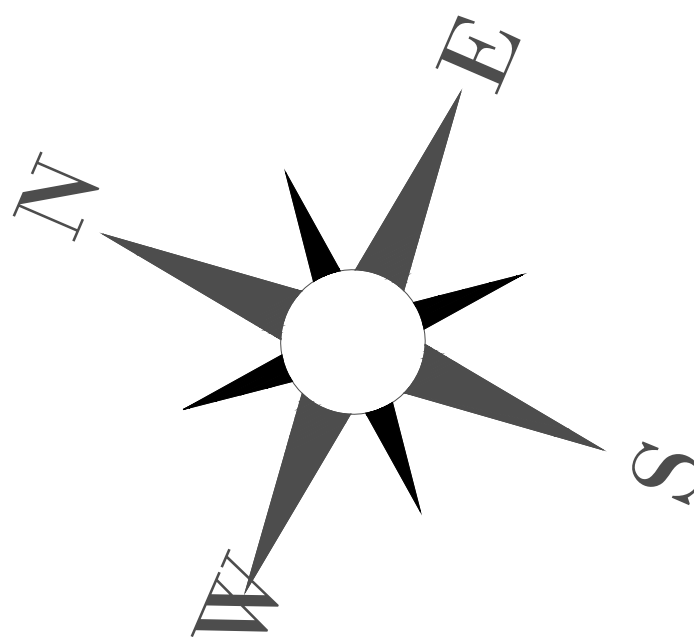
Section 1-1 in B14
Scale 1:20



LONGITUDINAL SECTION IN B16,B116,B216,B316
Scale: H- 1:50
V- 1:20

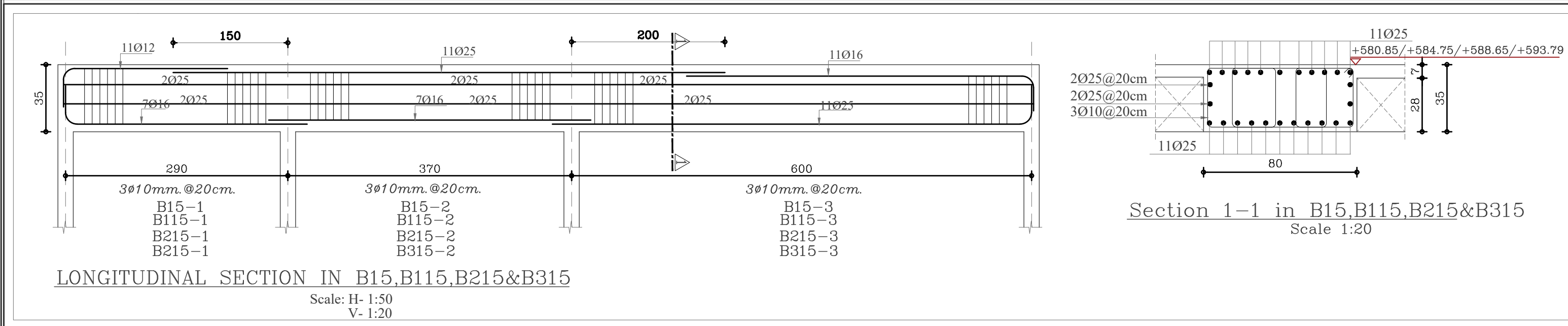


Section 1-1 in B16,B116,B216,B316
Scale 1:20



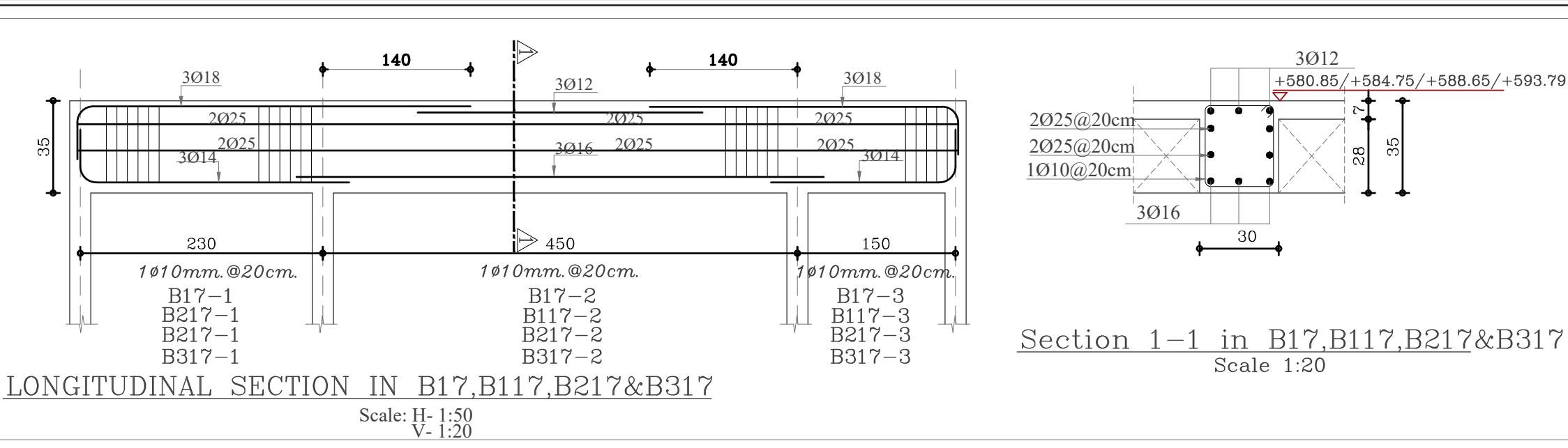
NOTES:

PLOT NO		:		413	
DISTRICT		:		IRBID	
BASIN		:		40 ALMUSRIB ALSHAMALIJI	
REV. MARK	DATE	MADE BY	REMARKS		
CLIENT	NATIONAL CENTER FOR DIABETES ENDOCRINOLOGY AND GENETICS				
M P C E	MADI & PARTNERS CONSULTING ENGINEERS				
	TEL.5829640-5829641 FAX.5829642 e-mail : mpce@index.com.jo				
PROJECT	NATIONAL DIABETES AND ENDOCRINOLOGY CENTER BUILDING IN IRBID CITY				
DRG. TITLE	BEAM REINFORCEMENT DETAILS-01				
DRAWN BY : STRUCT			SCALE: AS SHOWN		
DESIGNED BY : H.S			DATE : DEC.- 2023		
CHECKED BY : H.S			PROJECT No.		DRAWING No.
APPROVED BY: H.S			S-16		



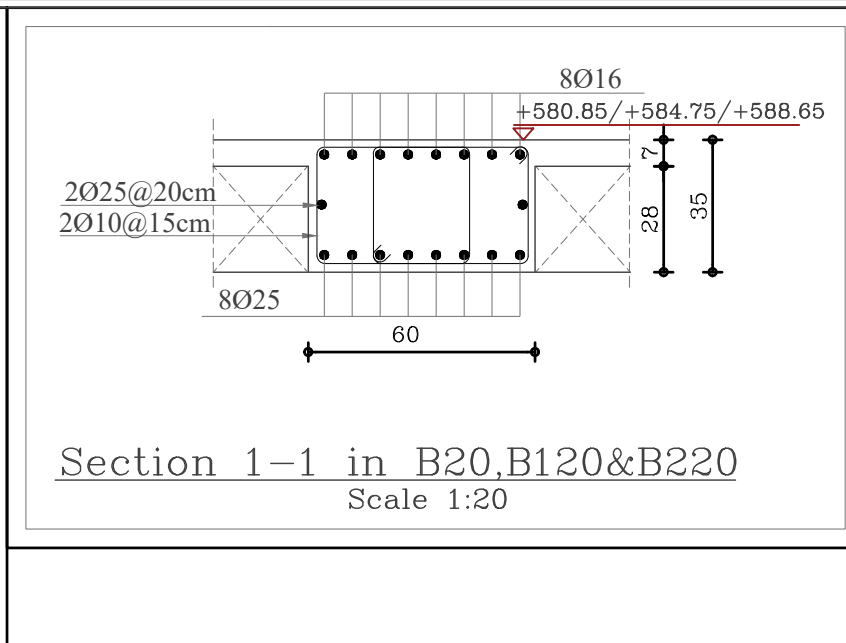
Section 1-1 in B15,B115,B215&B315

Scale 1:20



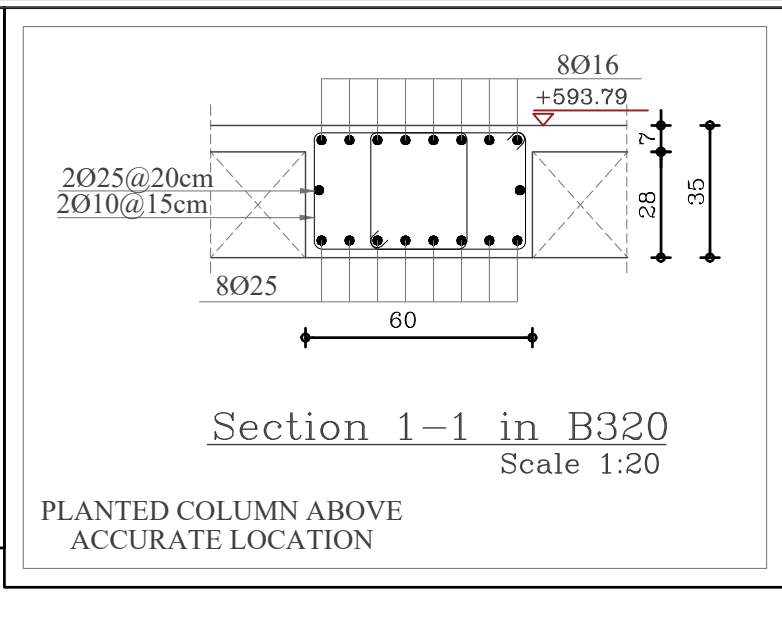
LONGITUDINAL SECTION IN B17,B117,B217&B317

Scale: H- 1:50
V- 1:20



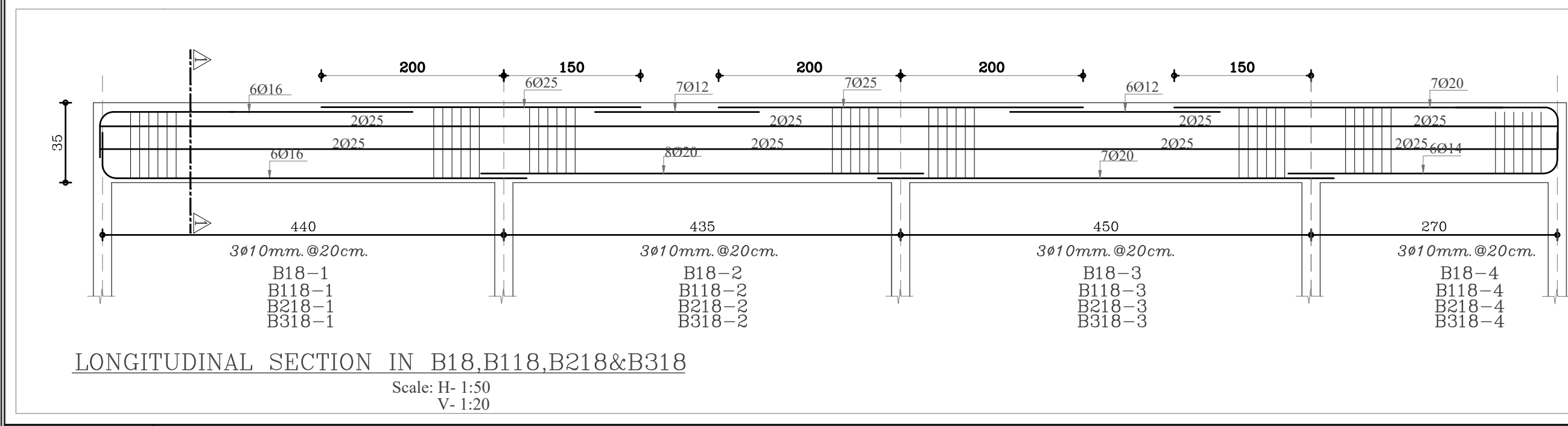
Section 1-1 in B20,B120&B220

Scale 1:20



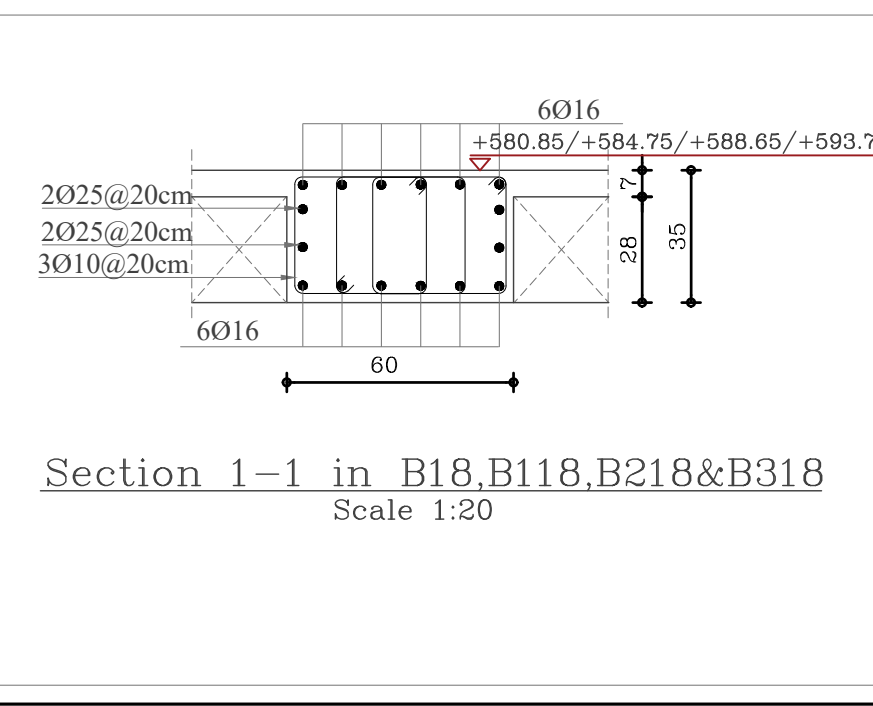
Section 1-1 in B320

Scale 1:20



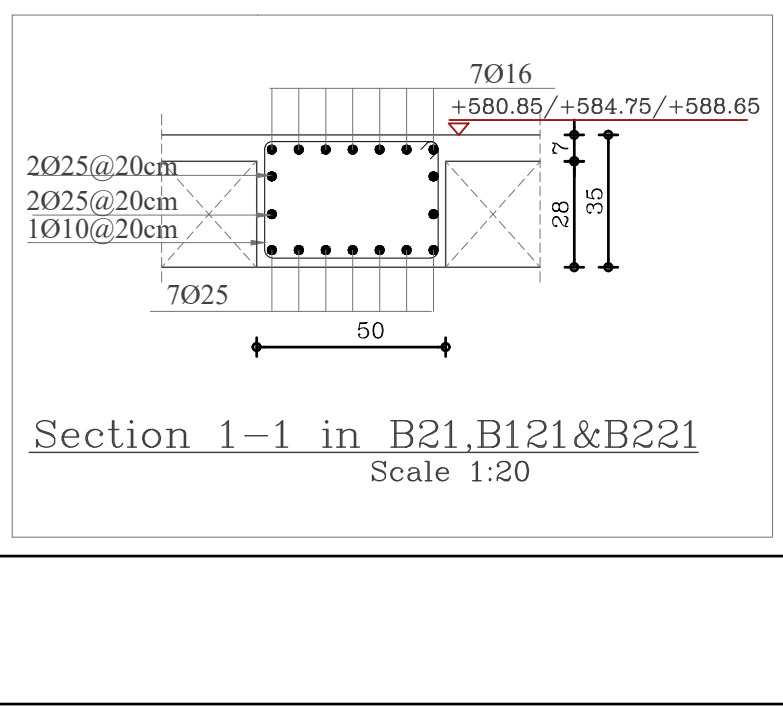
LONGITUDINAL SECTION IN B18,B118,B218&B318

Scale: H- 1:50
V- 1:20



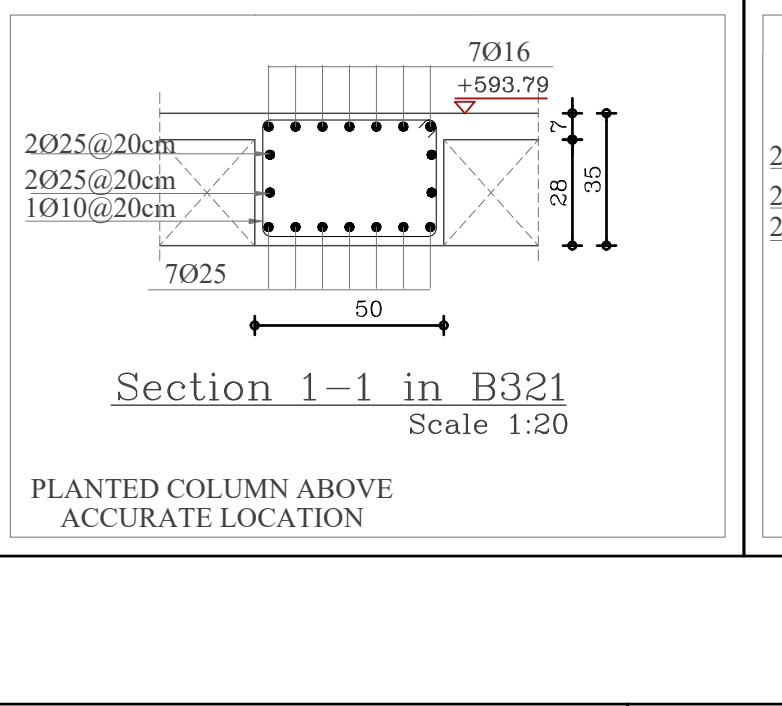
Section 1-1 in B18,B118,B218&B318

Scale 1:20



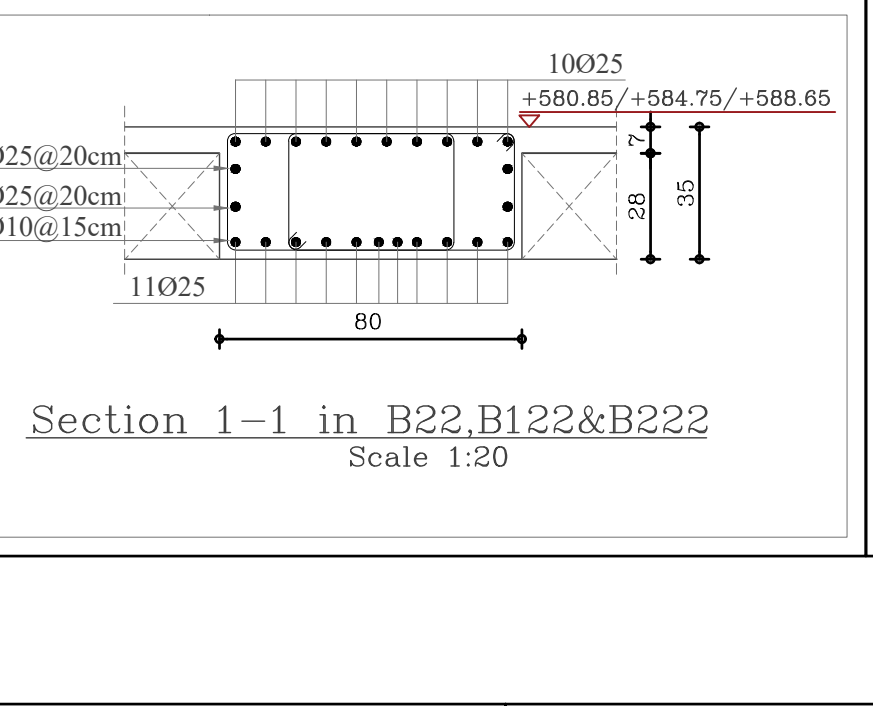
Section 1-1 in B21,B121&B221

Scale 1:20



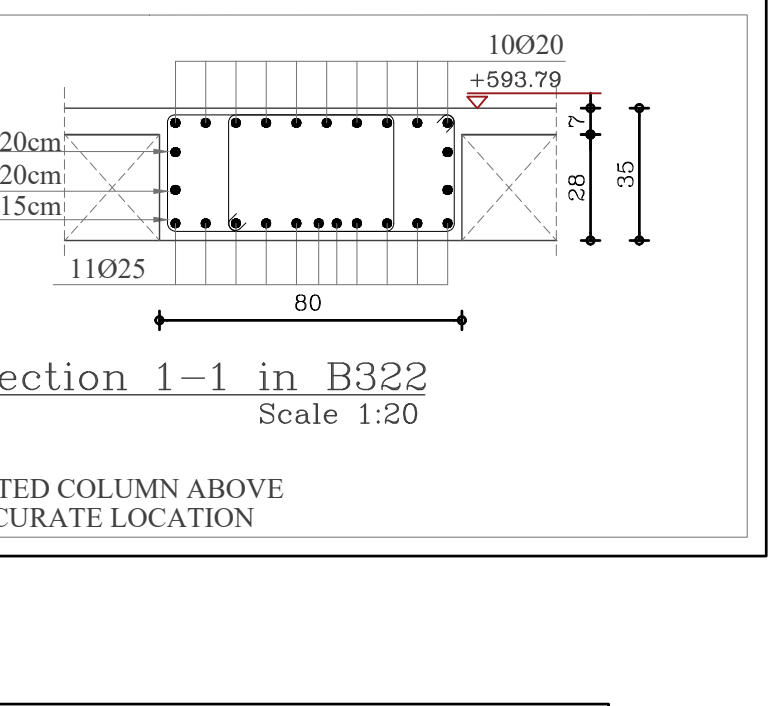
Section 1-1 in B321

Scale 1:20



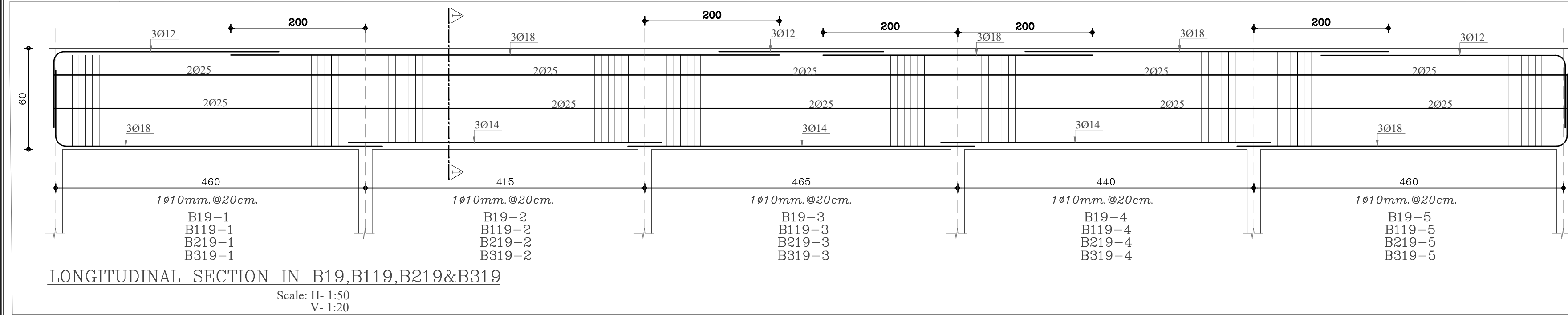
Section 1-1 in B22,B122&B222

Scale 1:20



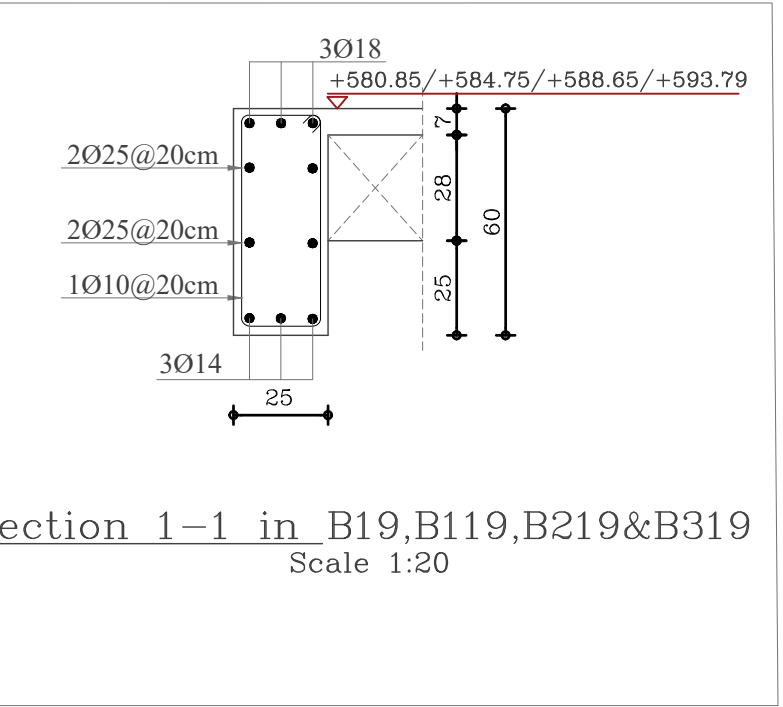
Section 1-1 in B322

Scale 1:20



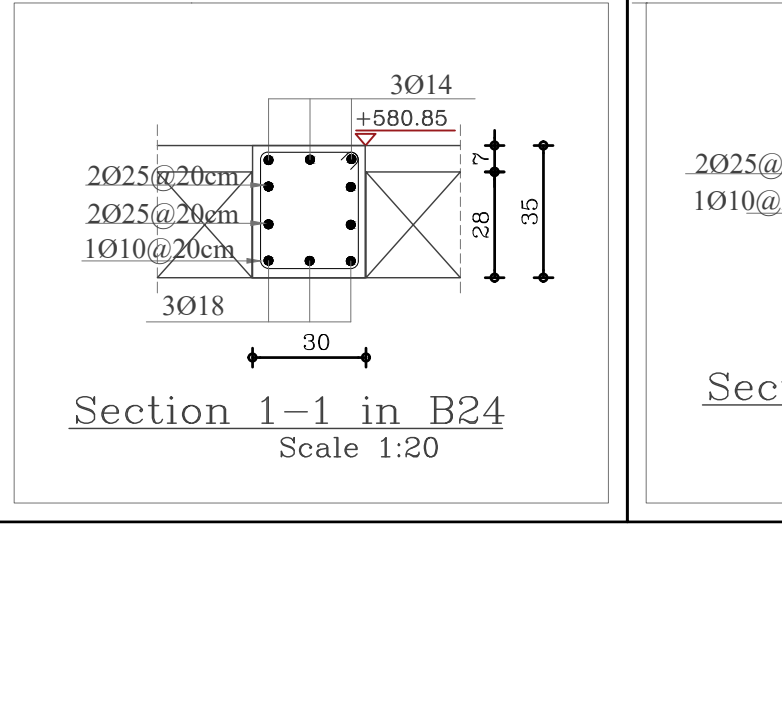
LONGITUDINAL SECTION IN B19,B119,B219&B319

Scale: H- 1:50
V- 1:20



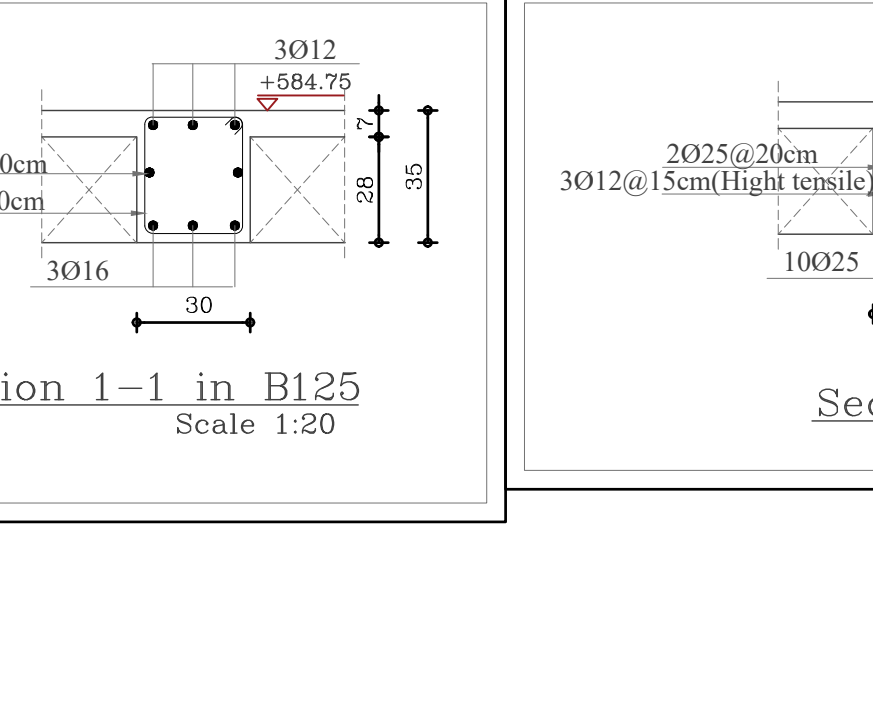
Section 1-1 in B19,B119,B219&B319

Scale 1:20



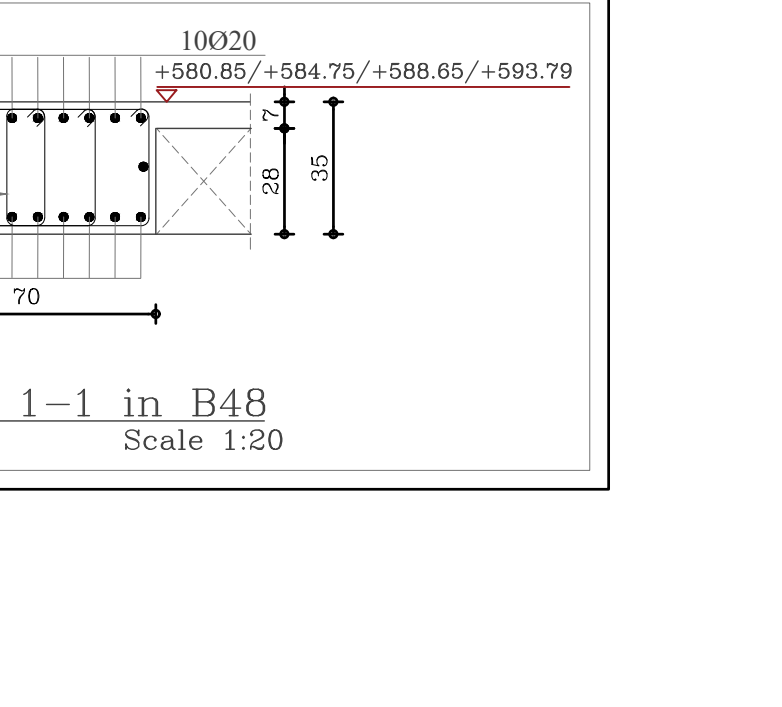
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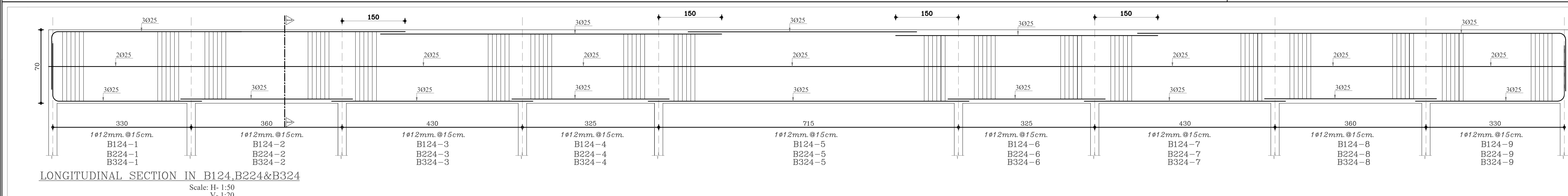
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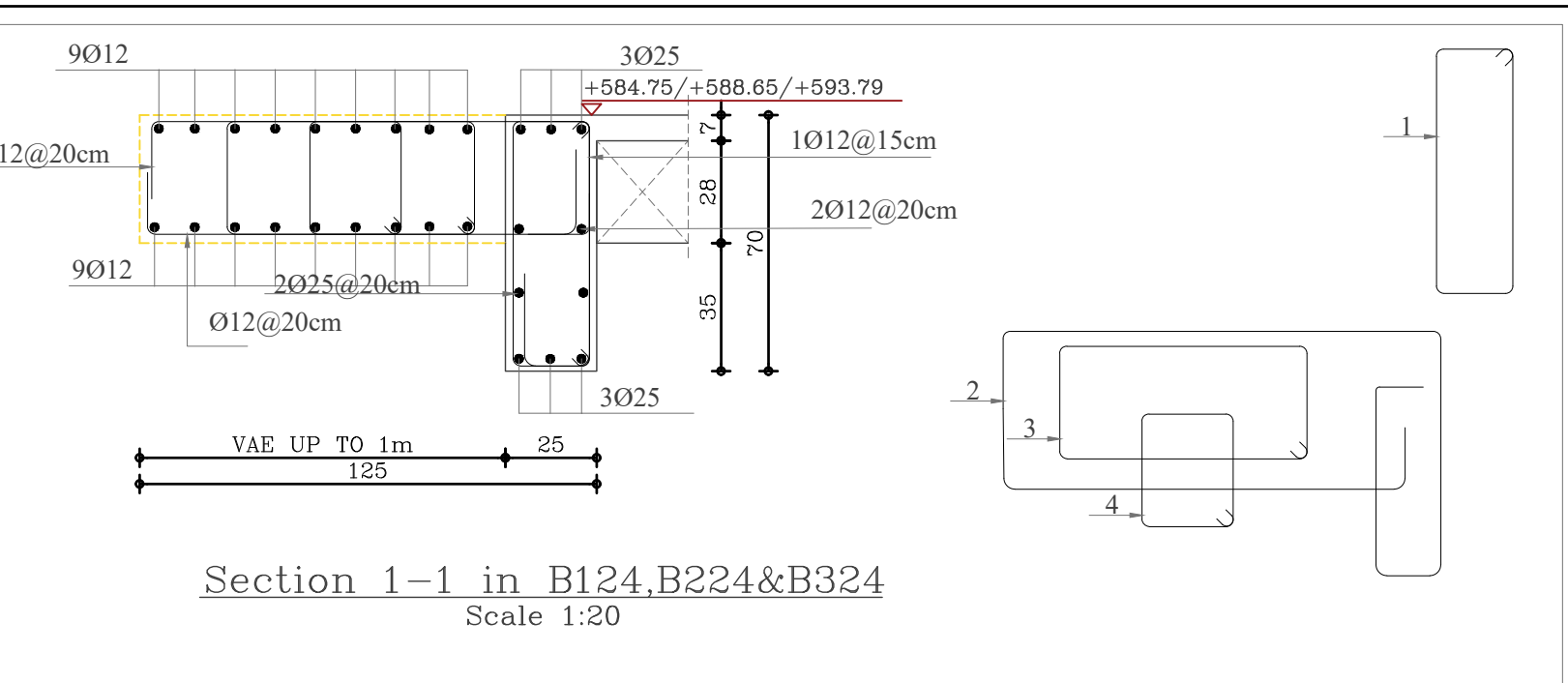
Section 1-1 in B48

Scale 1:20



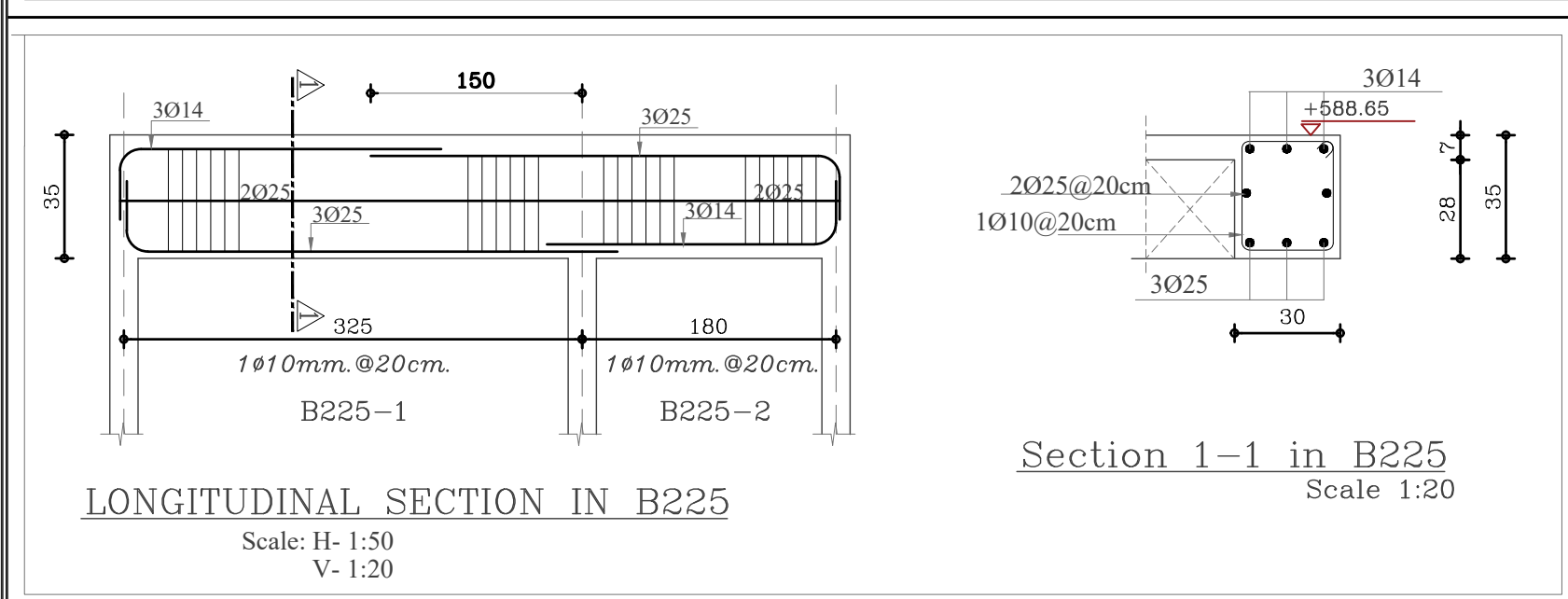
LONGITUDINAL SECTION IN B124,B224&B324

Scale: H- 1:50
V- 1:20



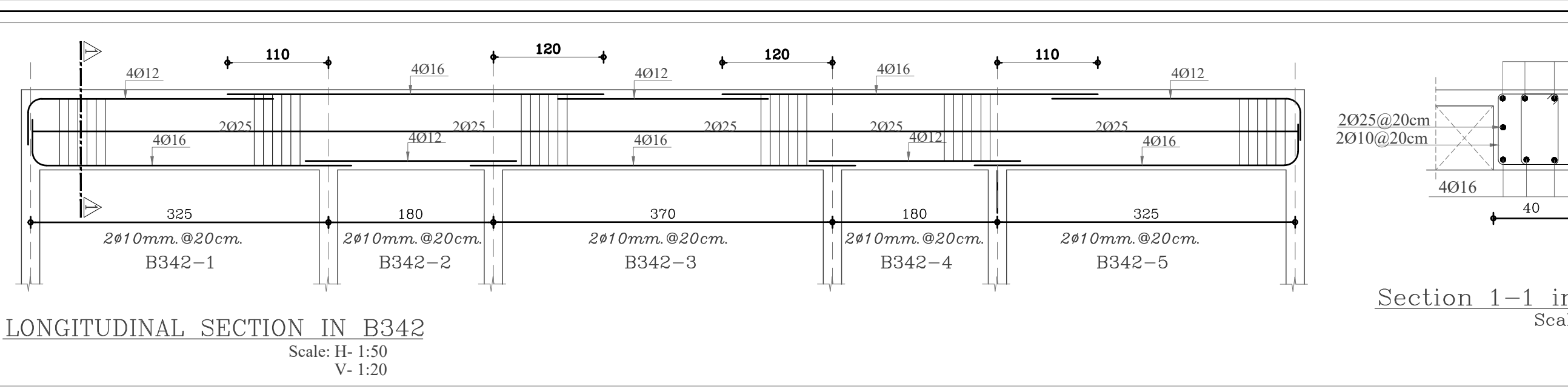
Section 1-1 in B124,B224&B324

Scale 1:20



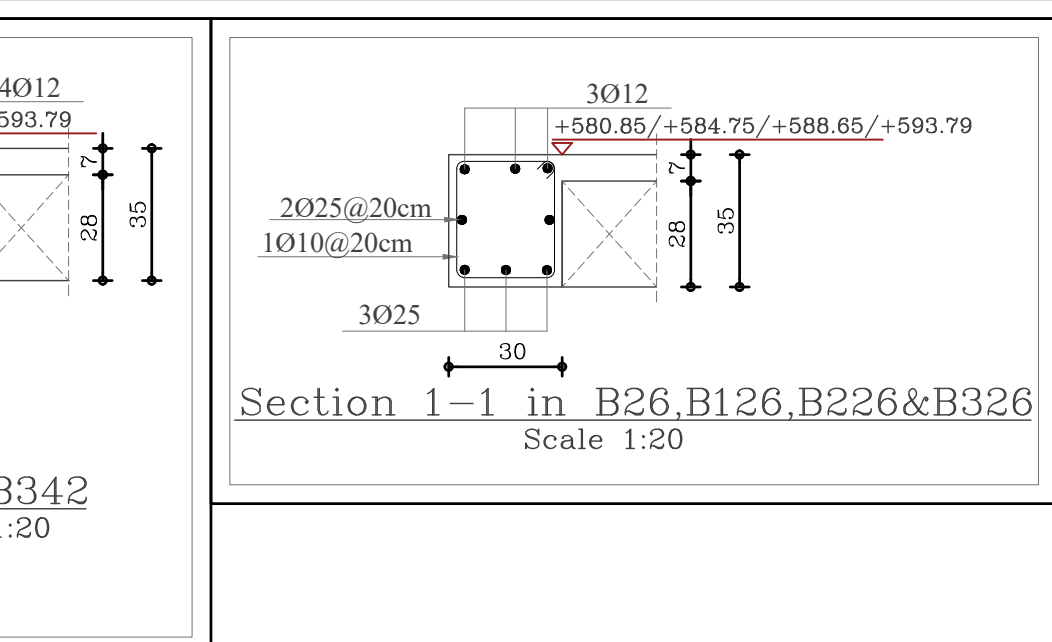
LONGITUDINAL SECTION IN B225

Scale: H- 1:50
V- 1:20



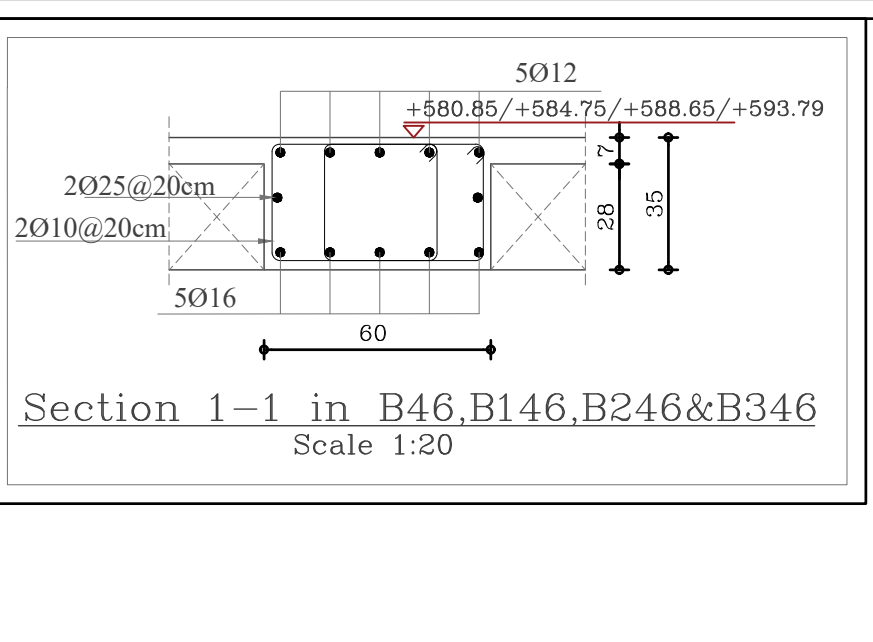
LONGITUDINAL SECTION IN B342

Scale: H- 1:50
V- 1:20



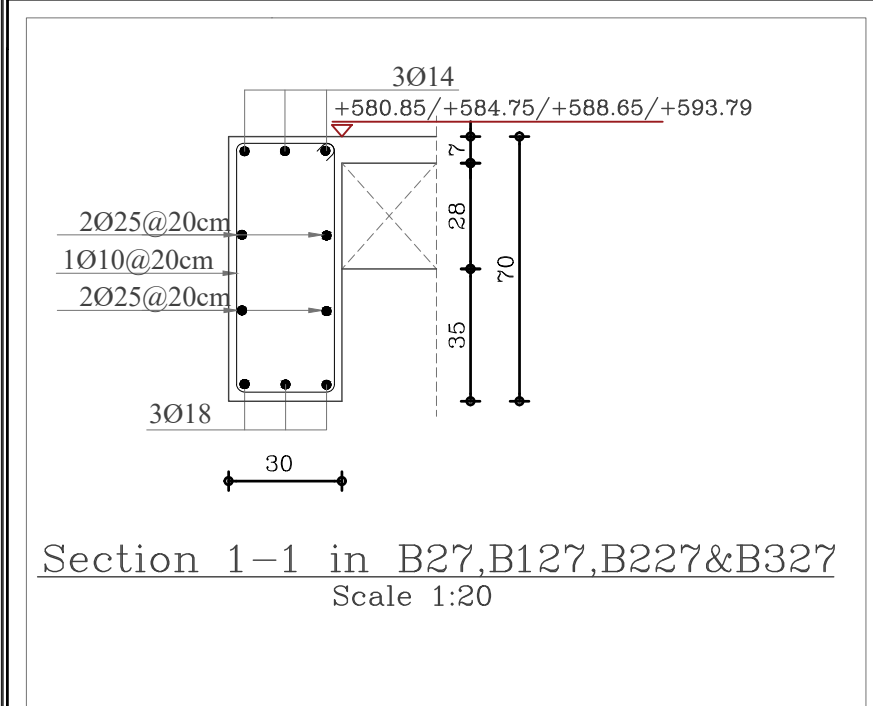
Section 1-1 in B26,B126,B226&B326

Scale 1:20



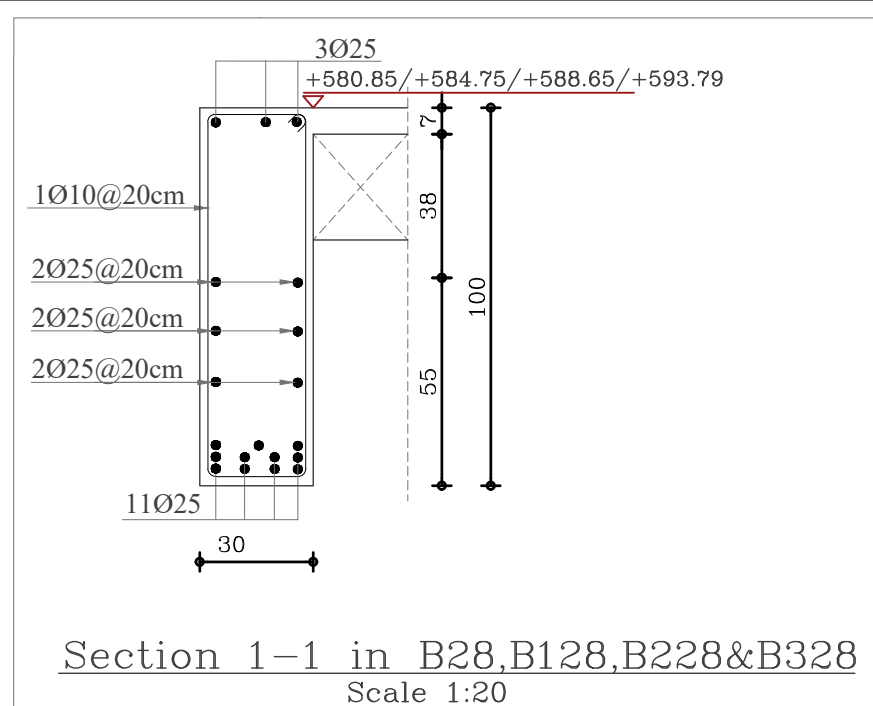
Section 1-1 in B46,B146,B246&B346

Scale 1:20



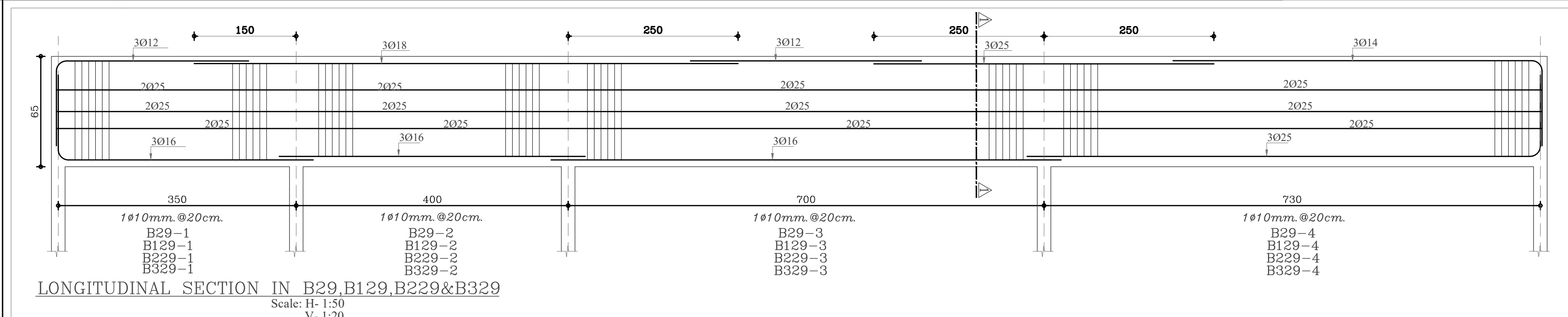
Section 1-1 in B27,B127,B227&B327

Scale 1:20



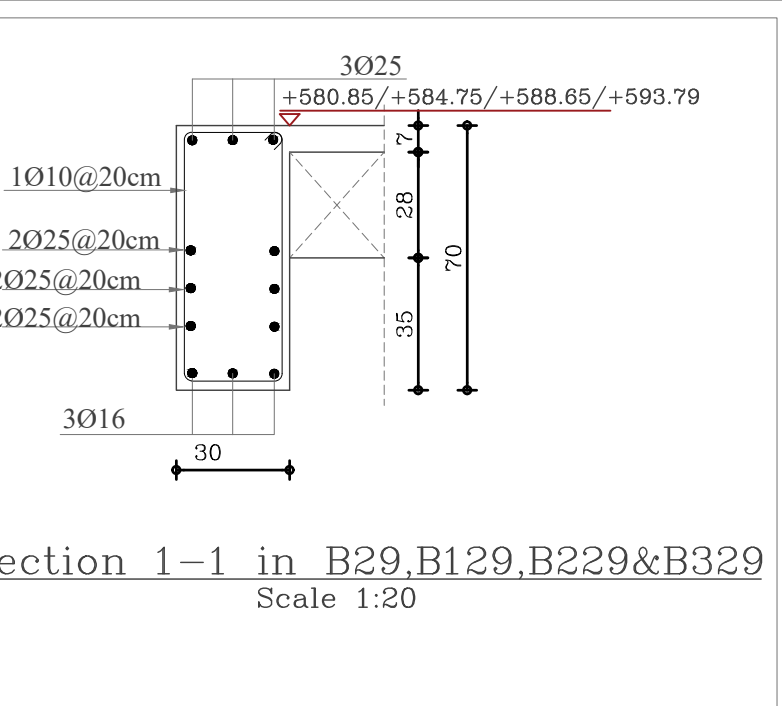
Section 1-1 in B28,B128,B228&B328

Scale 1:20



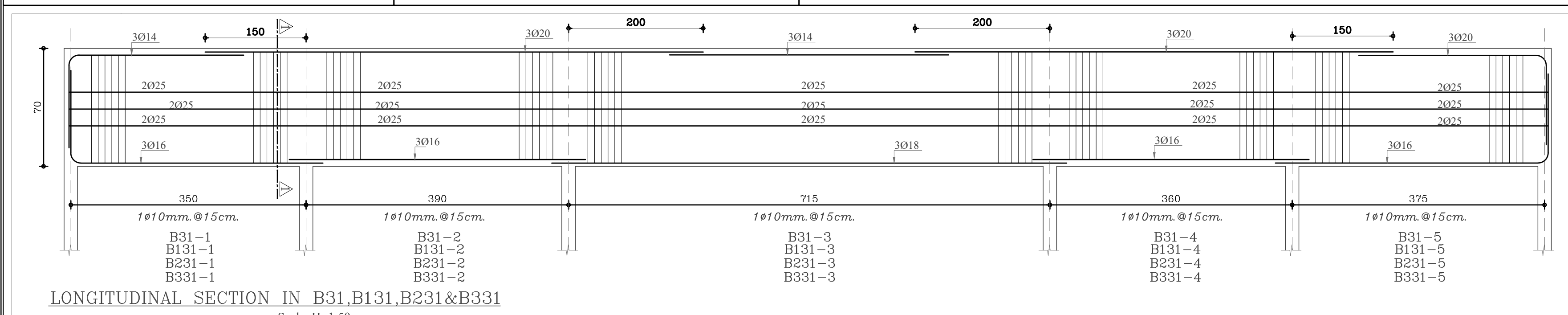
LONGITUDINAL SECTION IN B29,B129,B229&B329

Scale: H- 1:50
V- 1:20



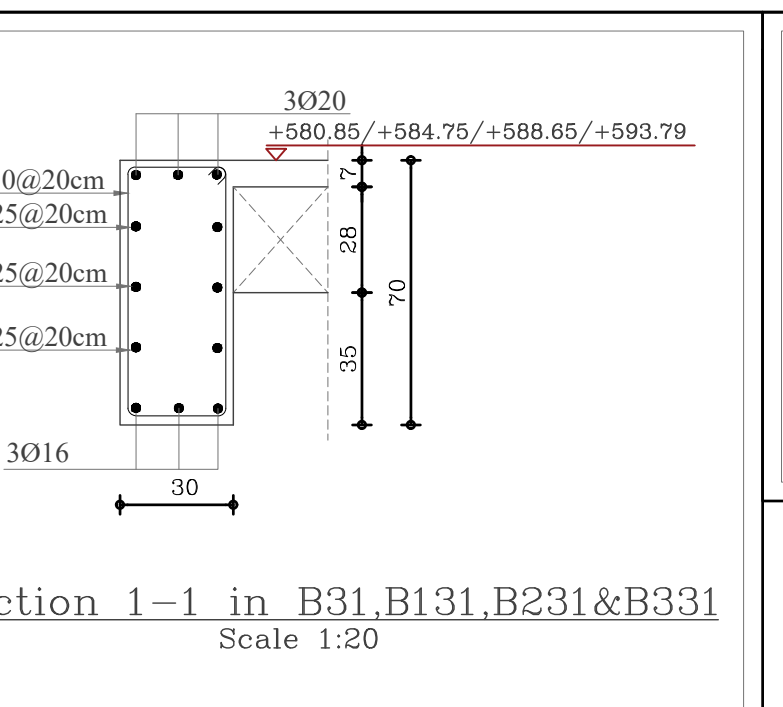
Section 1-1 in B29,B129,B229&B329

Scale 1:20



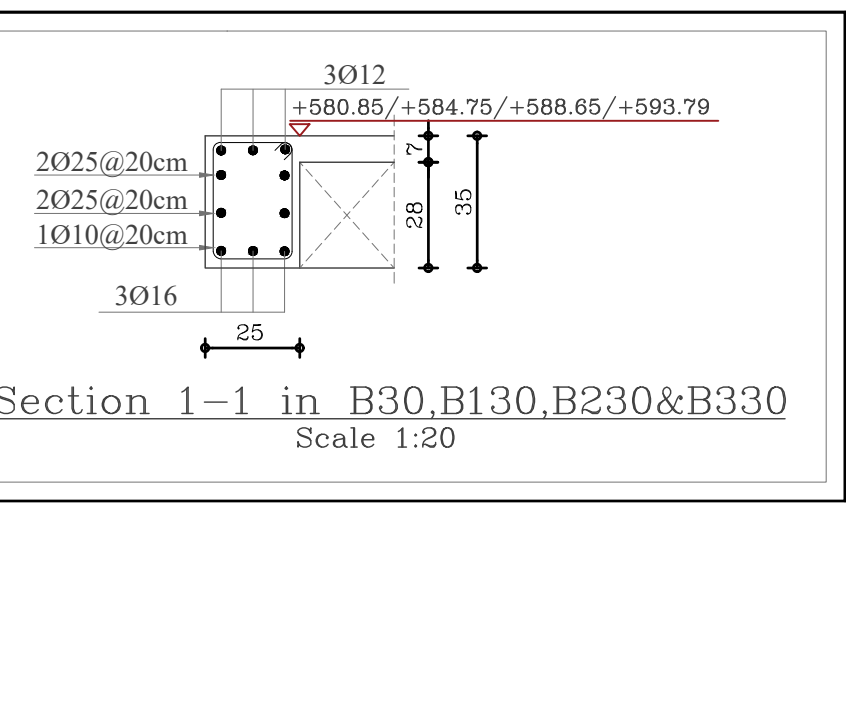
LONGITUDINAL SECTION IN B31,B131,B231&B331

Scale: H- 1:50
V- 1:20



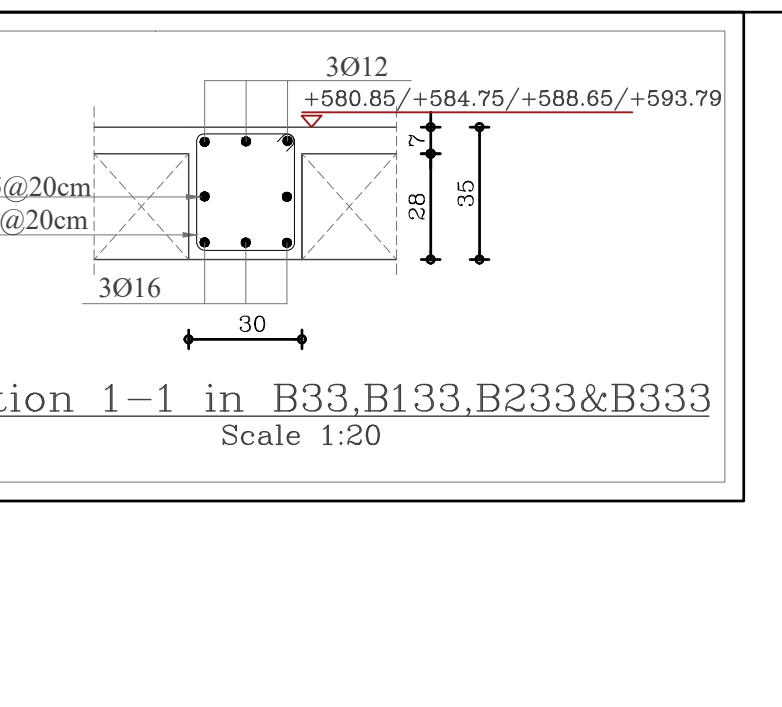
Section 1-1 in B31,B131,B231&B331

Scale 1:20



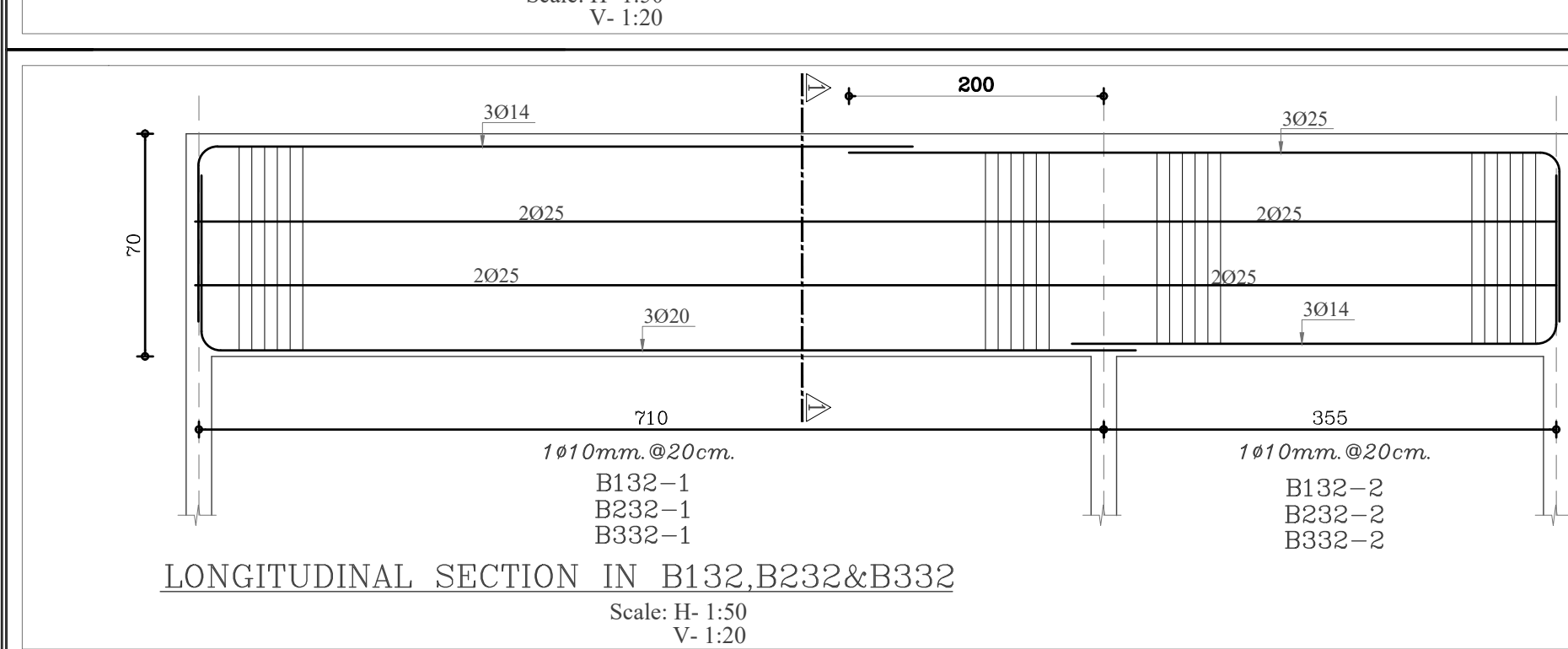
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Scale 1:20



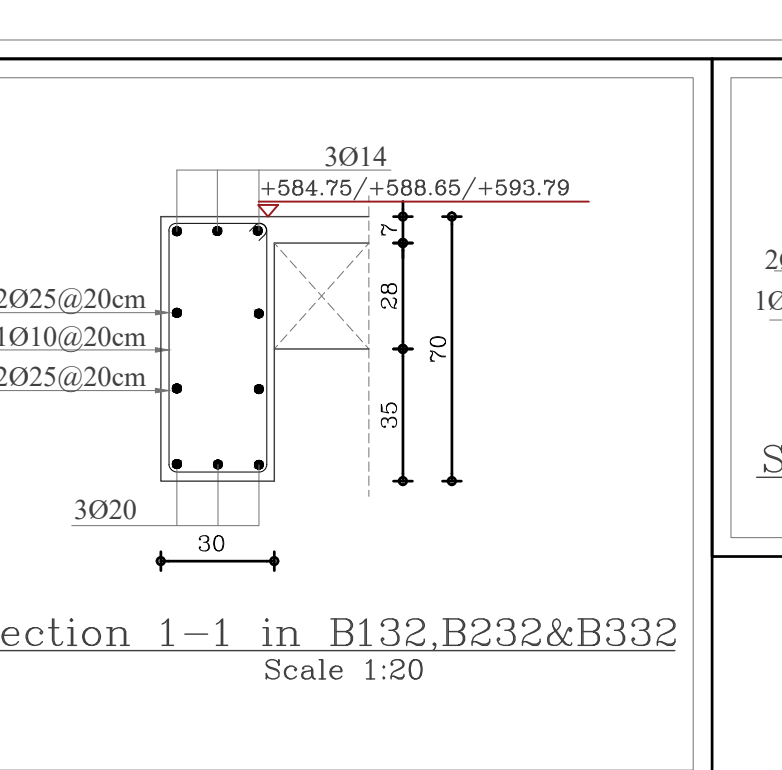
Section 1-1 in B33,B133,B233&B333

Scale 1:20



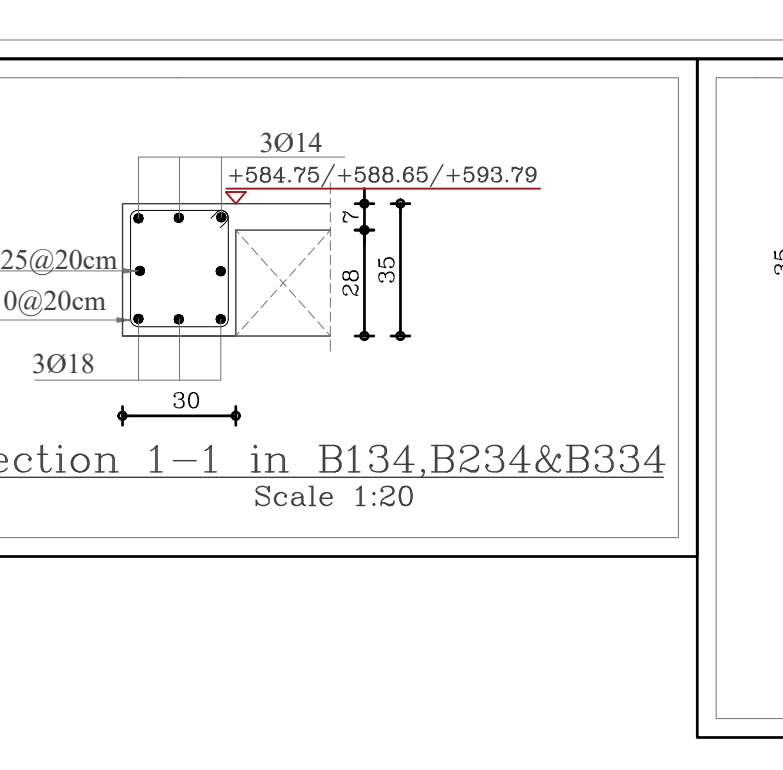
LONGITUDINAL SECTION IN B32,B132&B332

Scale: H- 1:50
V- 1:20



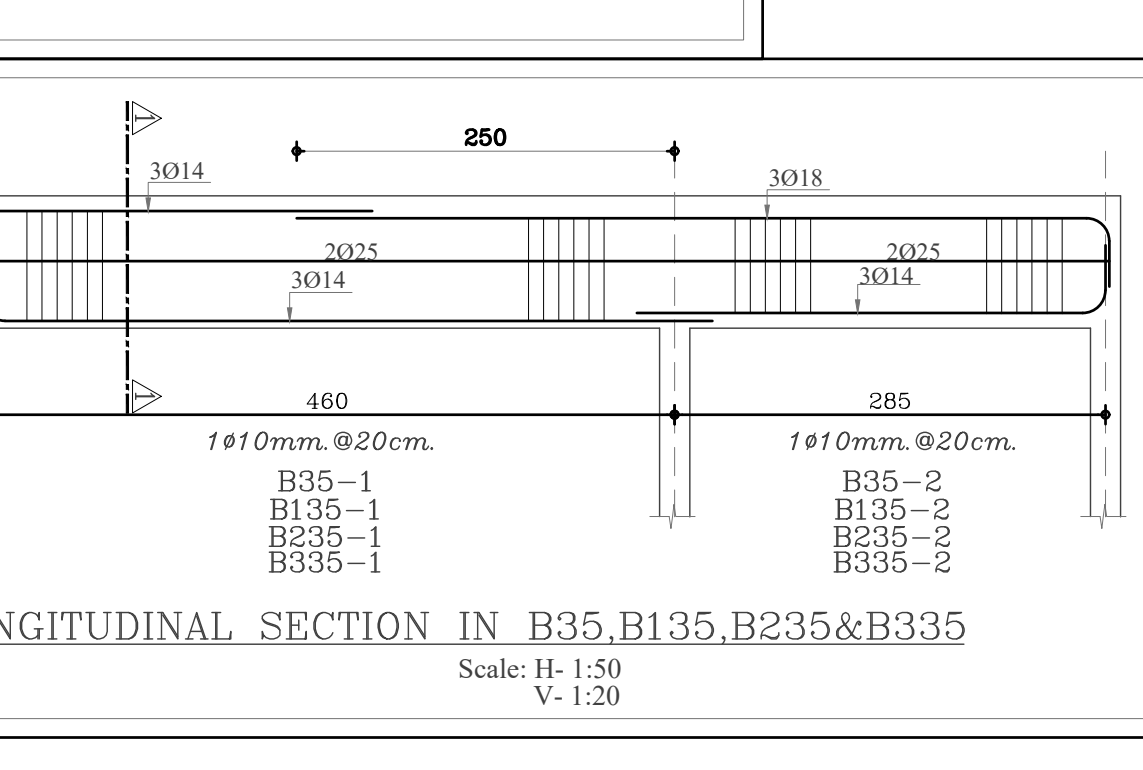
Section 1-1 in B32,B132&B332

Scale 1:20



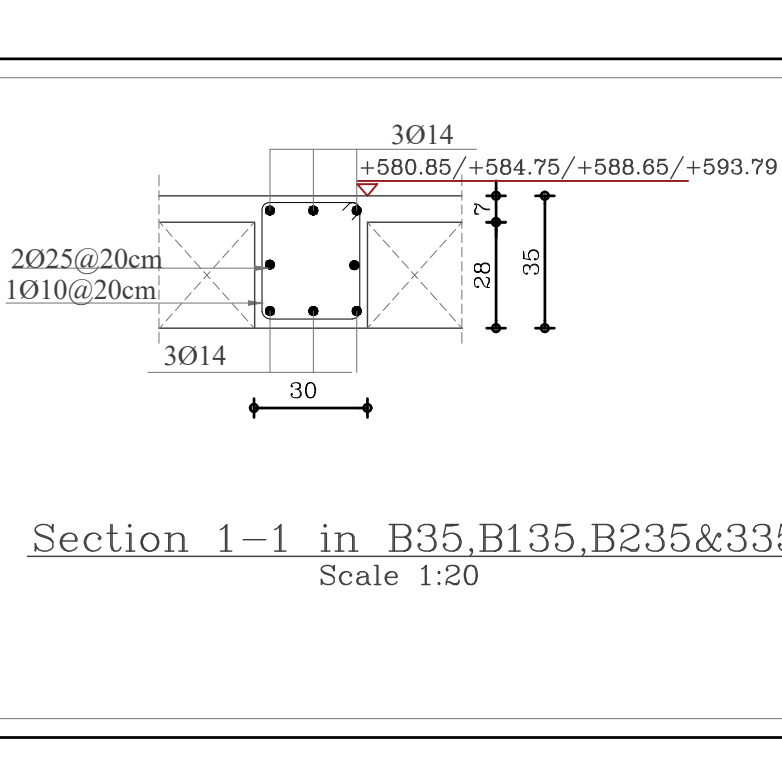
Section 1-1 in B34,B234&B334

Scale 1:20



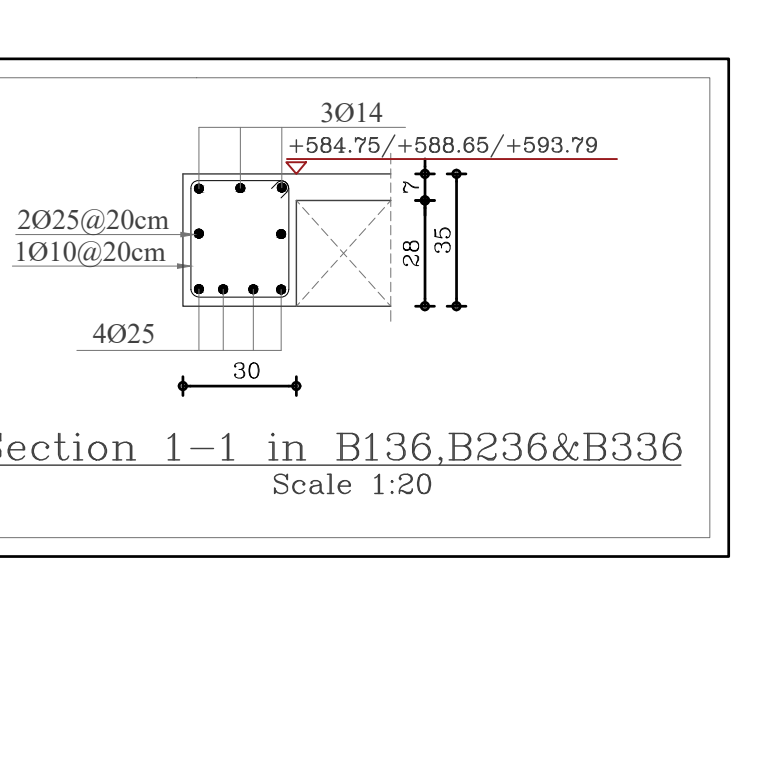
LONGITUDINAL SECTION IN B35,B135,B235&B335

Scale: H- 1:50
V- 1:20



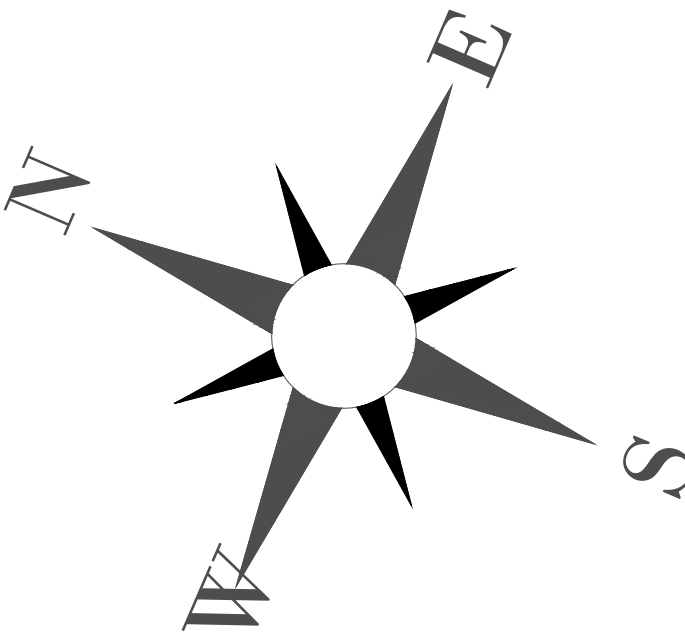
Section 1-1 in B35,B135,B235&B335

Scale 1:20



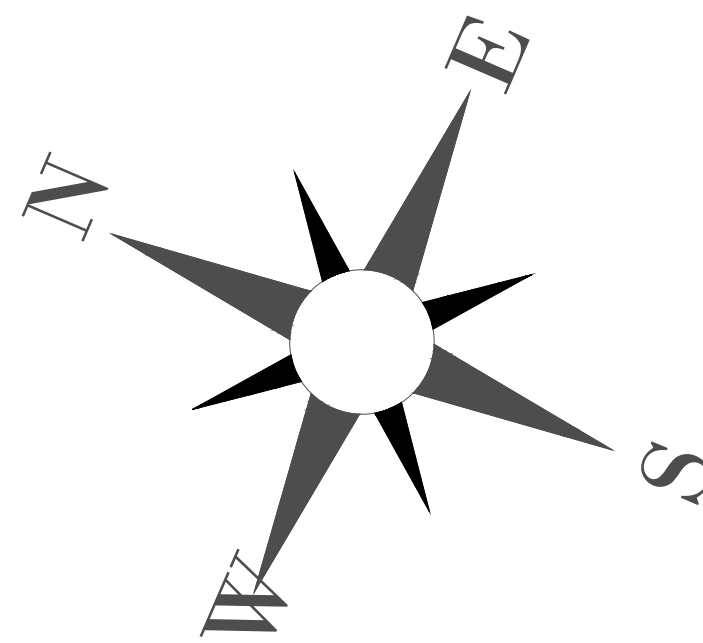
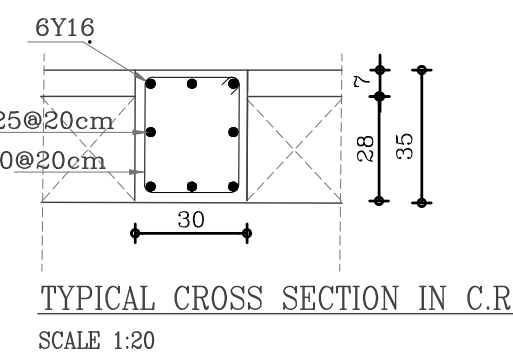
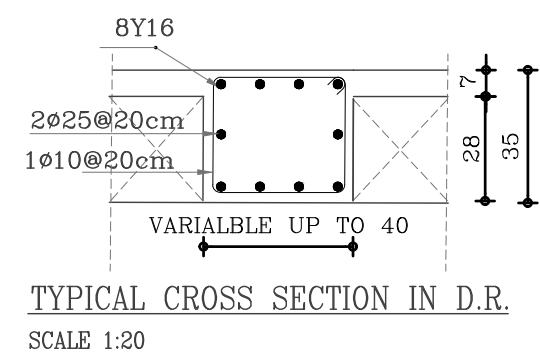
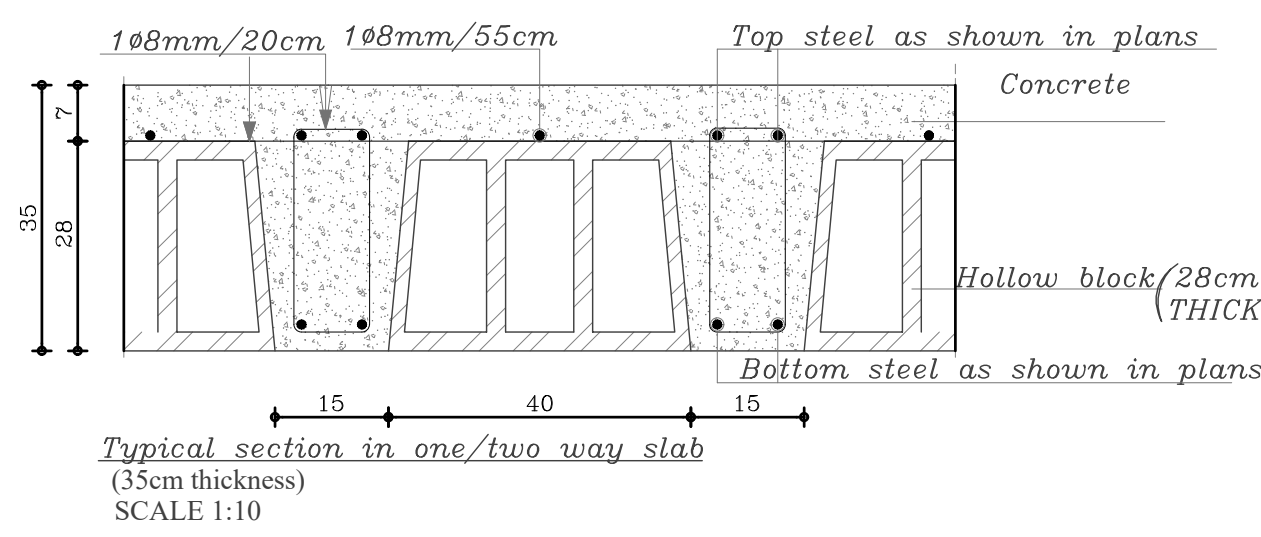
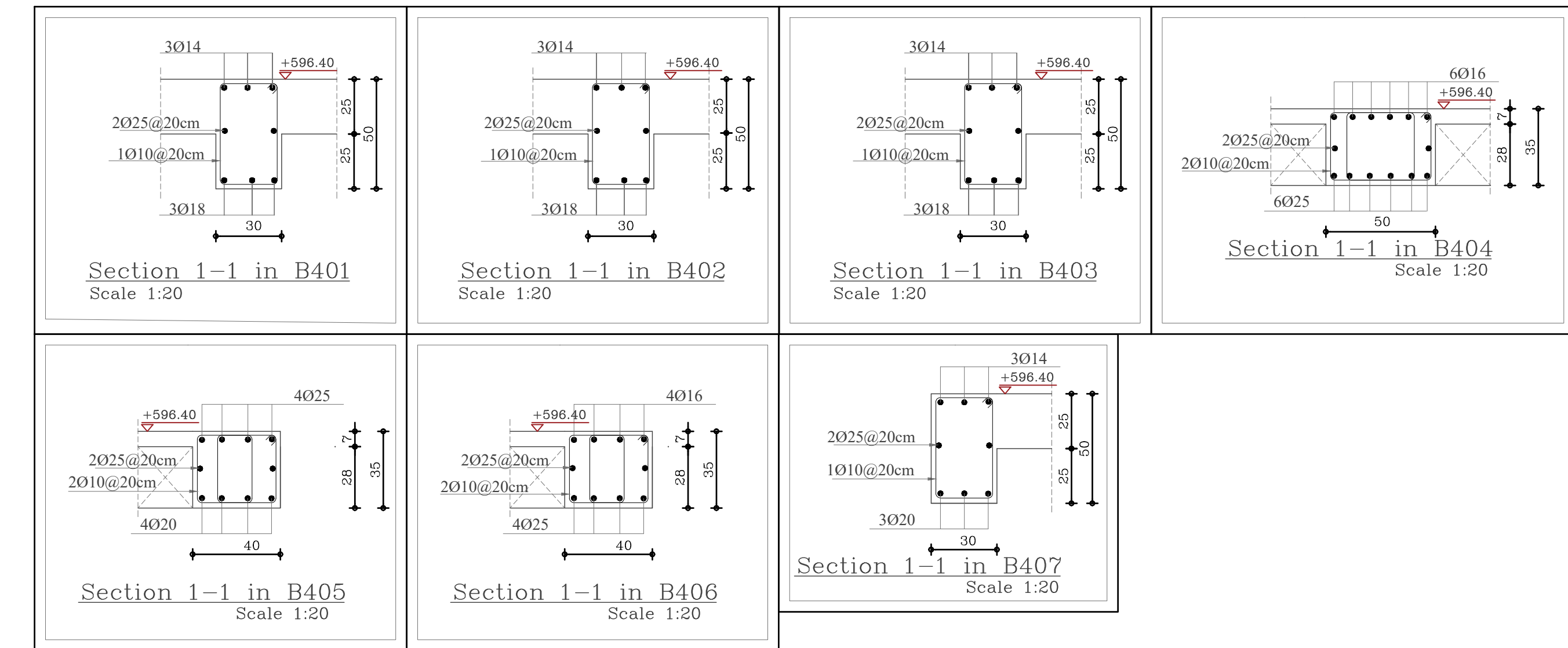
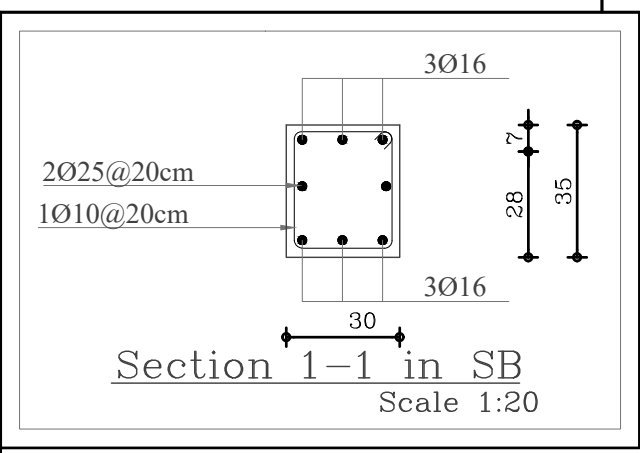
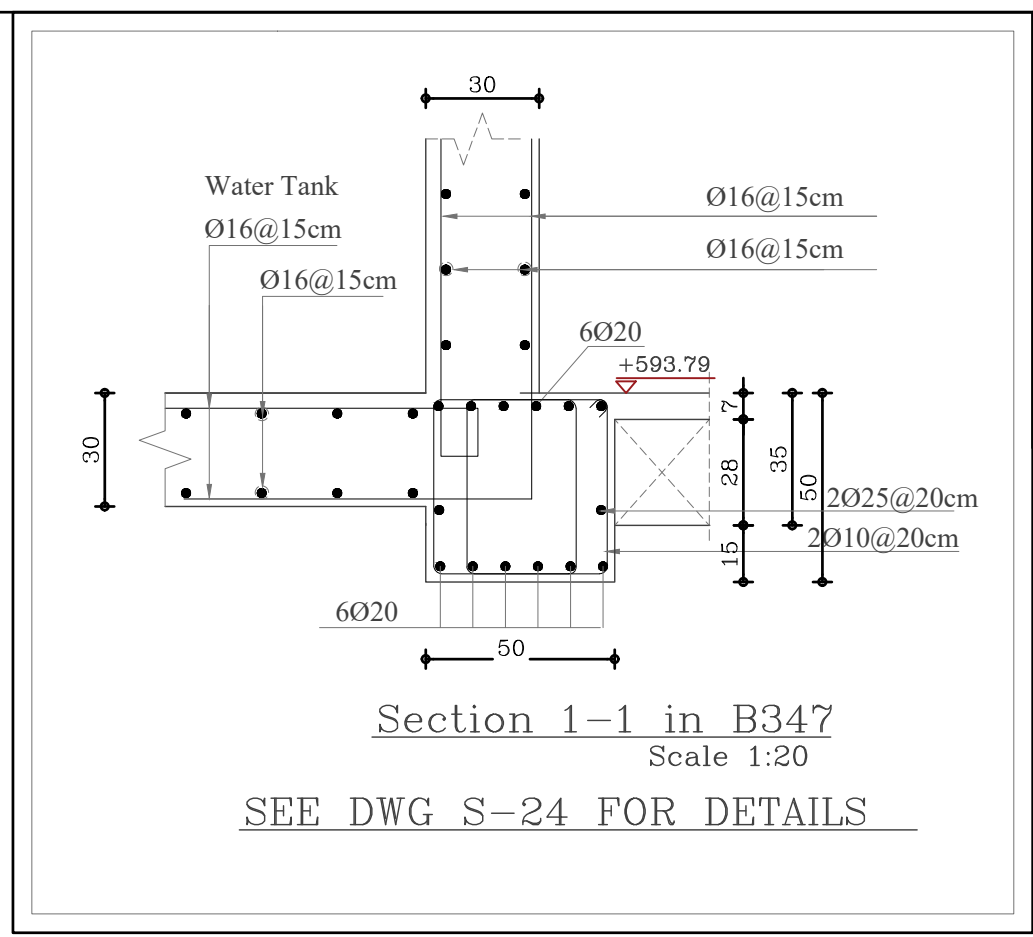
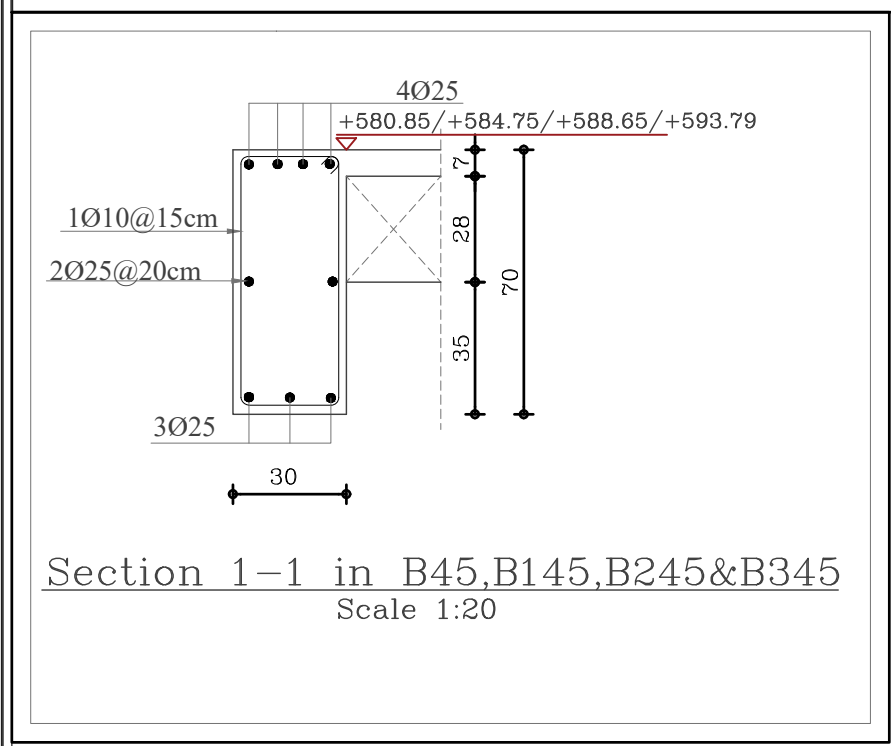
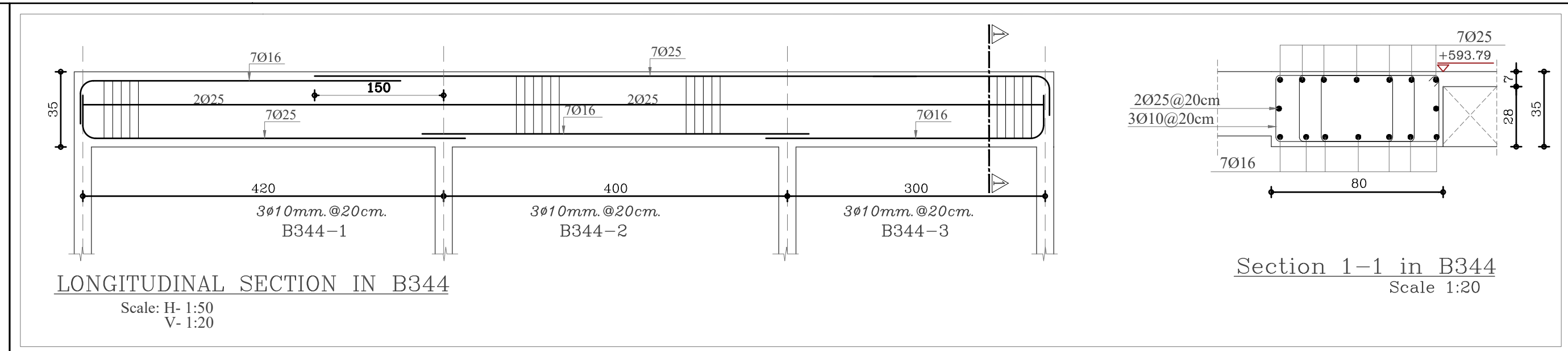
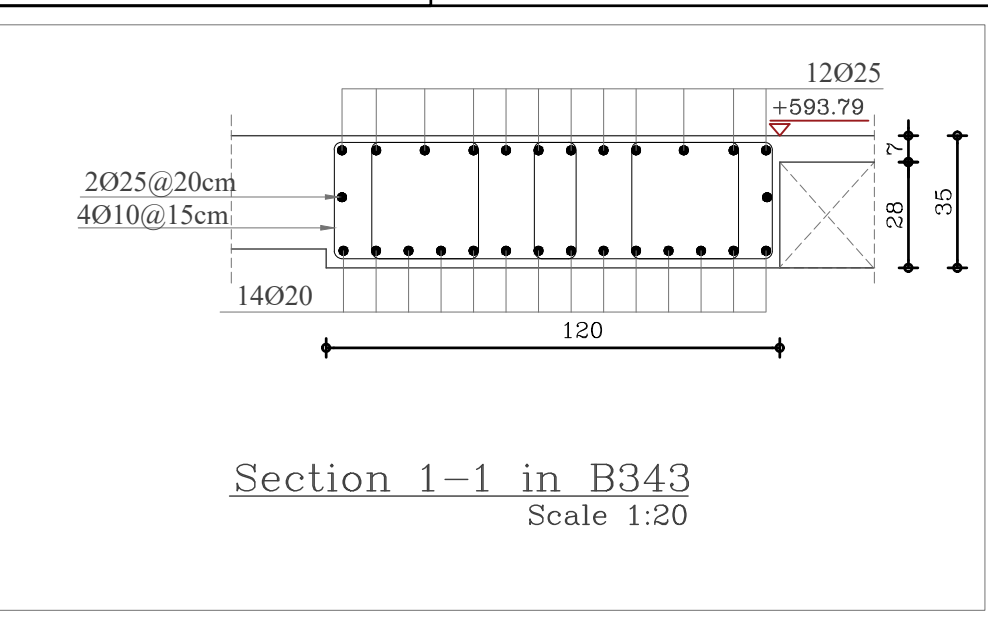
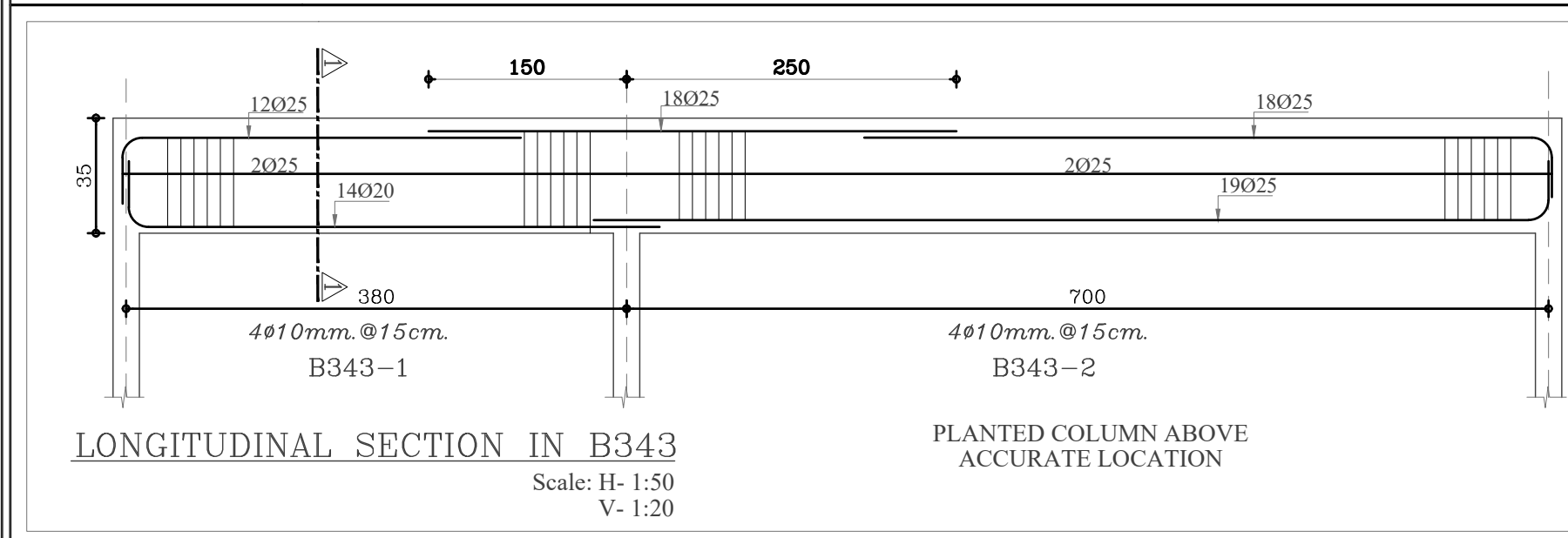
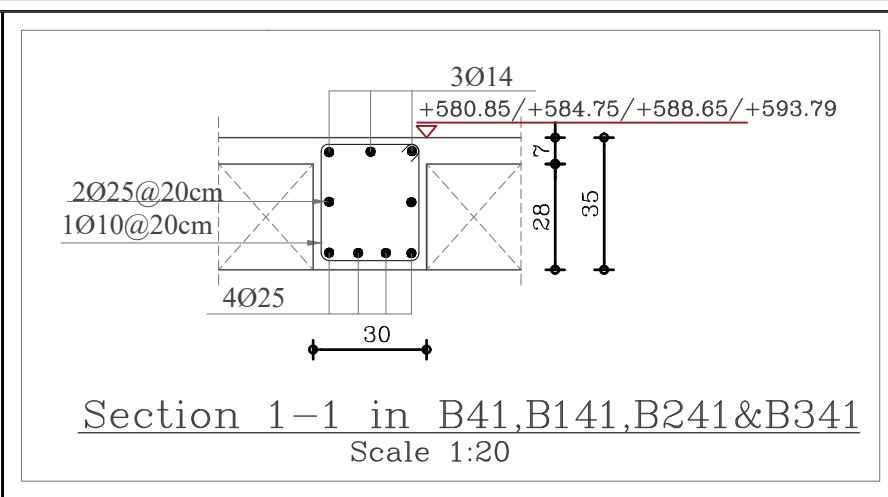
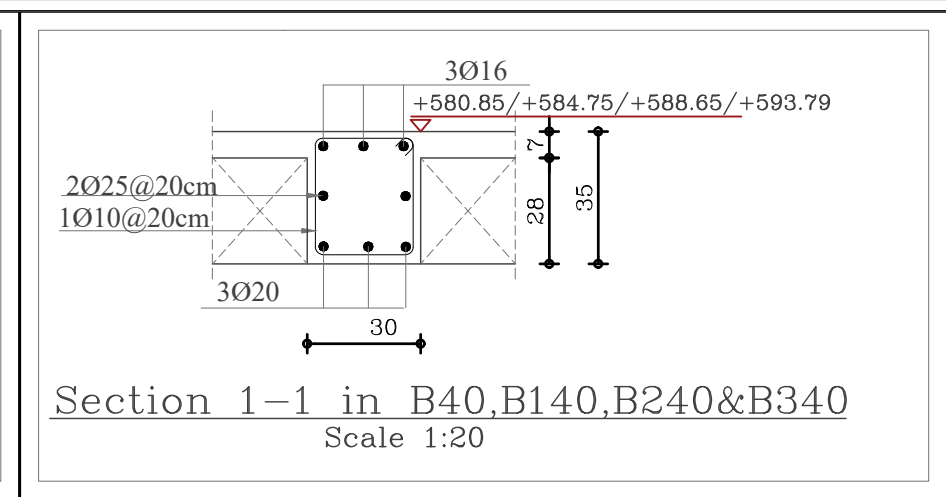
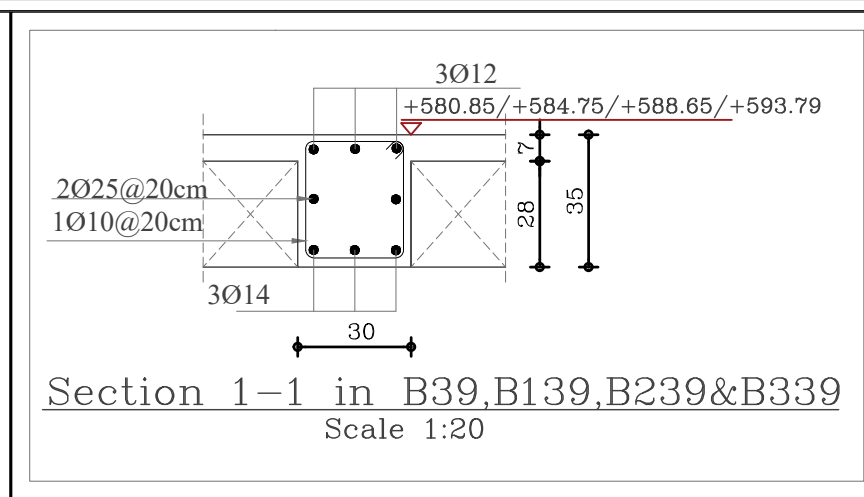
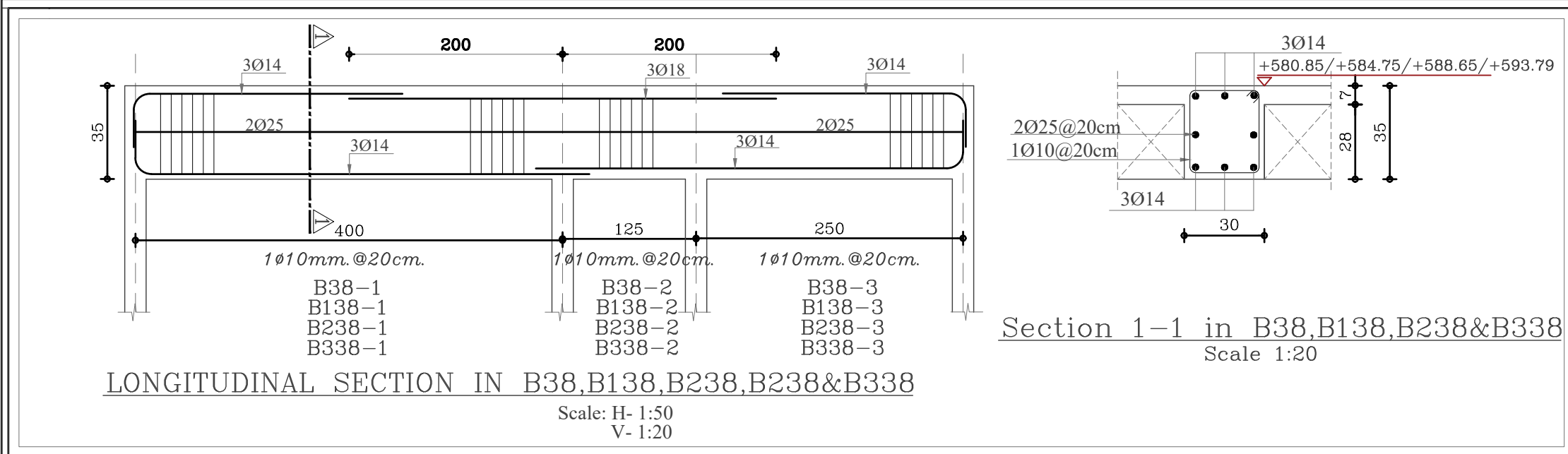
Section 1-1 in B36,B236&B336

Scale 1:20



NOTES:

PLOT NO		:	413	
DISTRICT		:	IRBID	
BASIN		:	40 ALMUSRIB ALSHAMALIJI	
EV. MARK	DATE	MADE BY	REMARKS	
CLIENT	NATIONAL CENTER FOR DIABETES ENDOCRINOLOGY AND GENETICS			
M P C E	MADI & PARTNERS CONSULTING ENGINEERS			
	TEL.5829640-5829641 FAX.5829642 e-mail : mpce@index.com.jo			
PROJECT	NATIONAL DIABETES AND ENDOCRINOLOGY CENTER BUILDING IN IRBID CITY			
DRG. TITLE	BEAM REINFORCEMENT DETAILS-02			
DRAWN BY : STRUCT			SCALE: AS SHOWN	
DESIGNED BY : H.S			DATE : DEC.-2023	
CHECKED BY : H.S			PROJECT No.	DRAWING No.
APPROVED BY: H.S				
			S-17	



NOTES:

PLOT NO : 413

DISTRICT : IRBID

BASIN : 40 ALMUSRIB ALSHAMALIJI

REV. MARK DATE MADE BY REMARKS

CLIENT NATIONAL CENTER FOR DIABETES
ENDOCRINOLOGY AND GENETICS

M P MADI & PARTNERS CONSULTING ENGINEERS
C E TEL:5829640-5829641 FAX:5829642
e-mail : mpce@index.com.jo

PROJECT NATIONAL DIABETES AND ENDOCRINOLOGY
CENTER BUILDING IN IRBID CITY

DRG. TITLE BEAM REINFORCEMENT DETAILS-03

DRAWN BY : STRUC.T SCALE: AS SHOWN

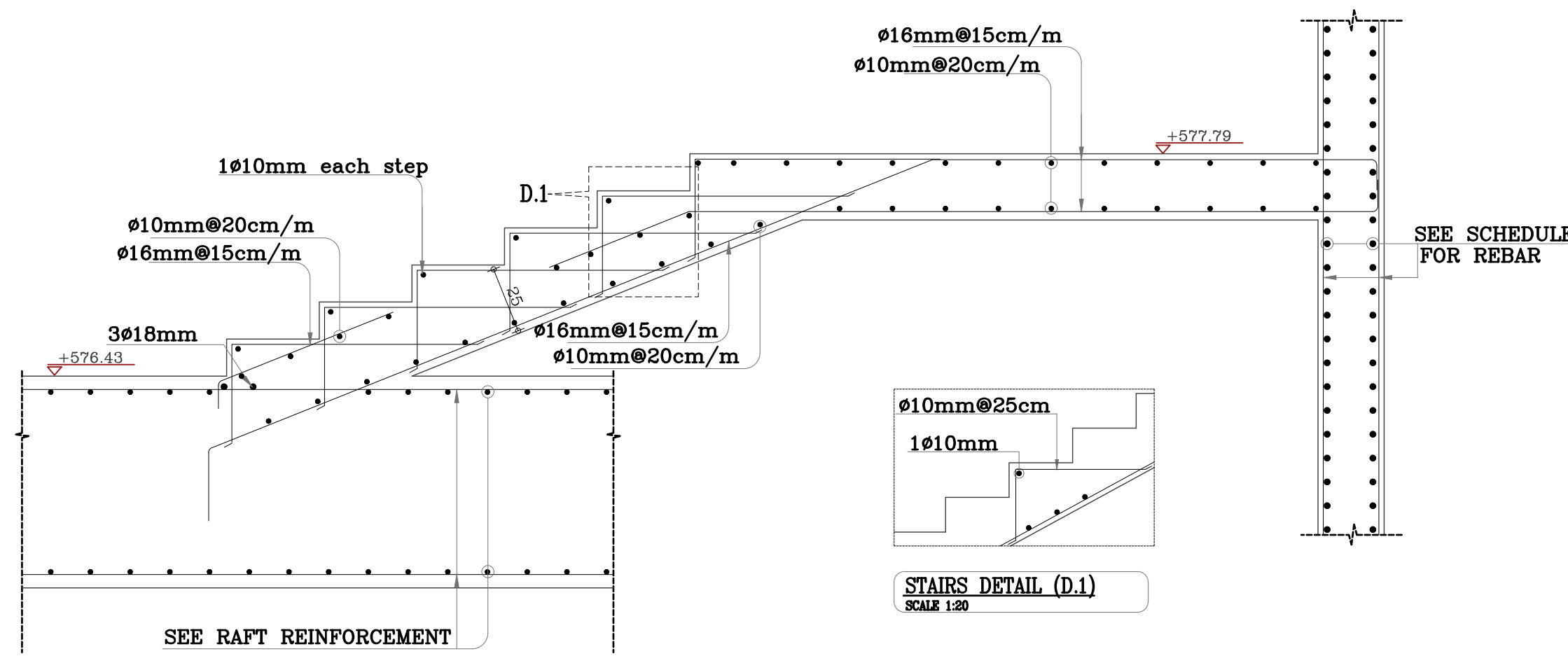
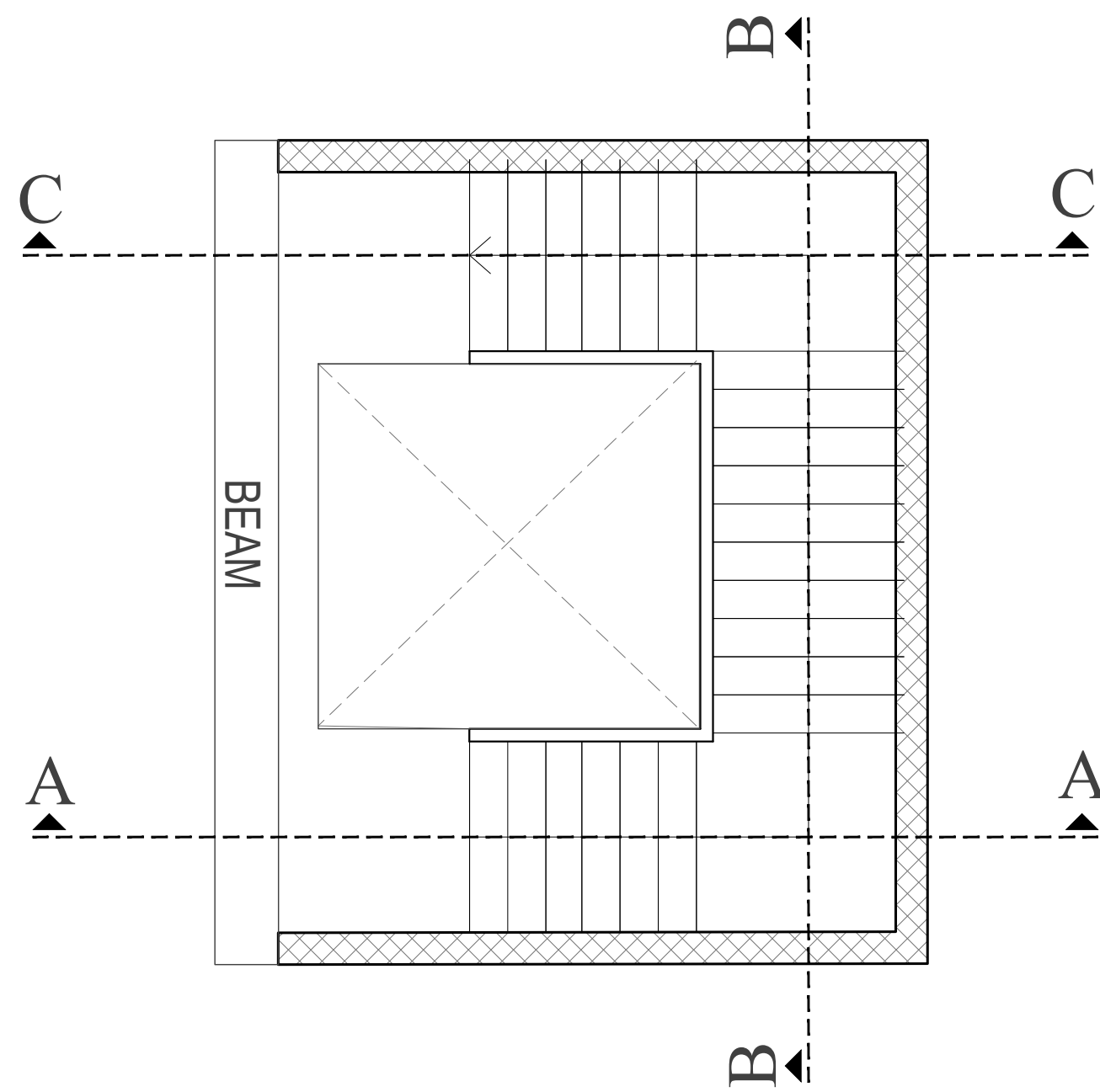
DESIGNED BY : H.S DATE : DEC.-2023

CHECKED BY : H.S PROJECT No. DRAWING No.

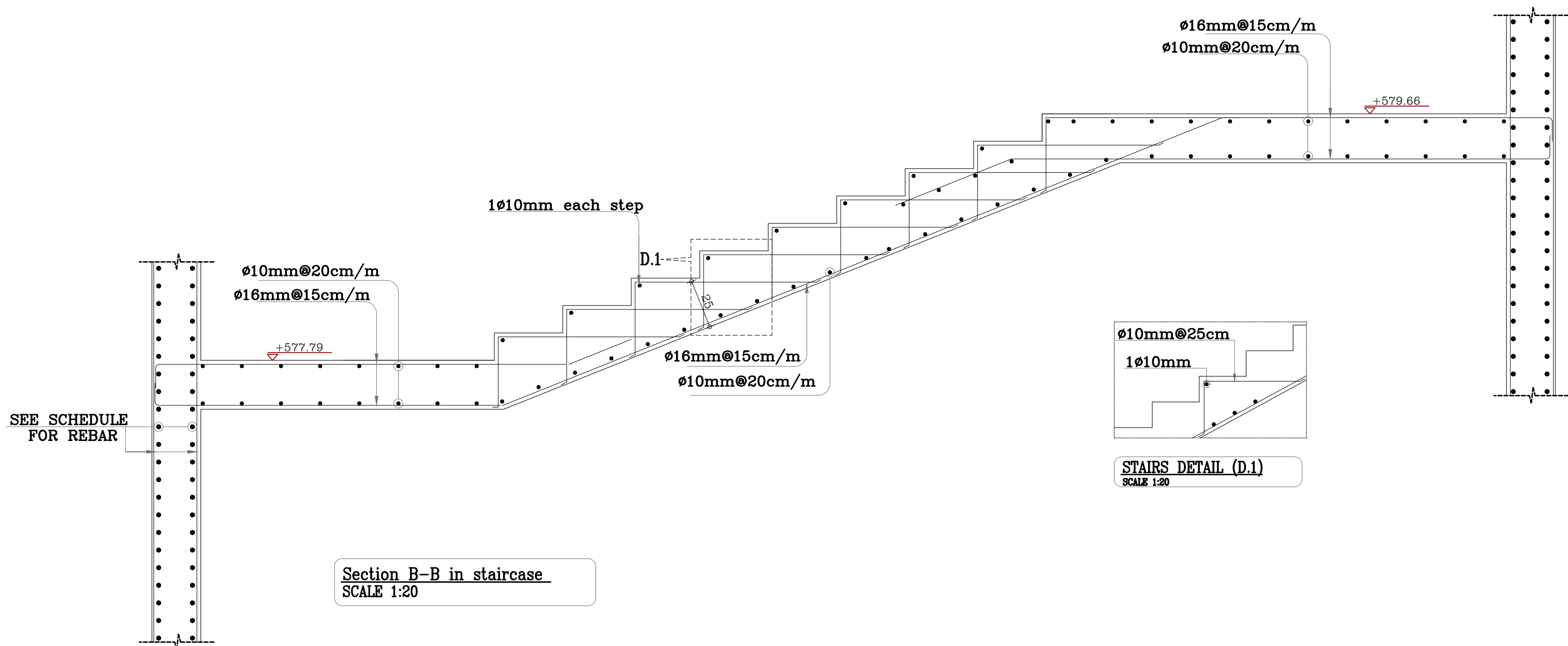
APPROVED BY: H.S

S-18

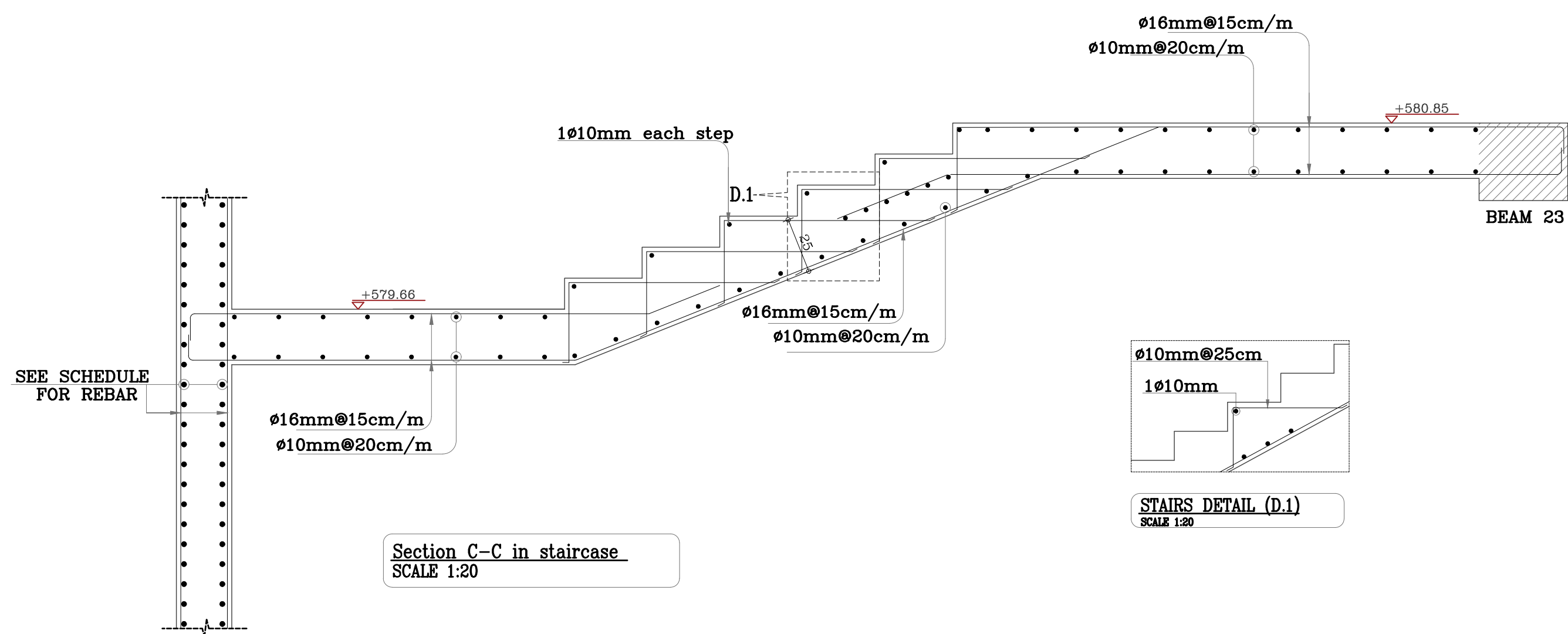
staircase A



Section A-A in staircase
SCALE 1:20

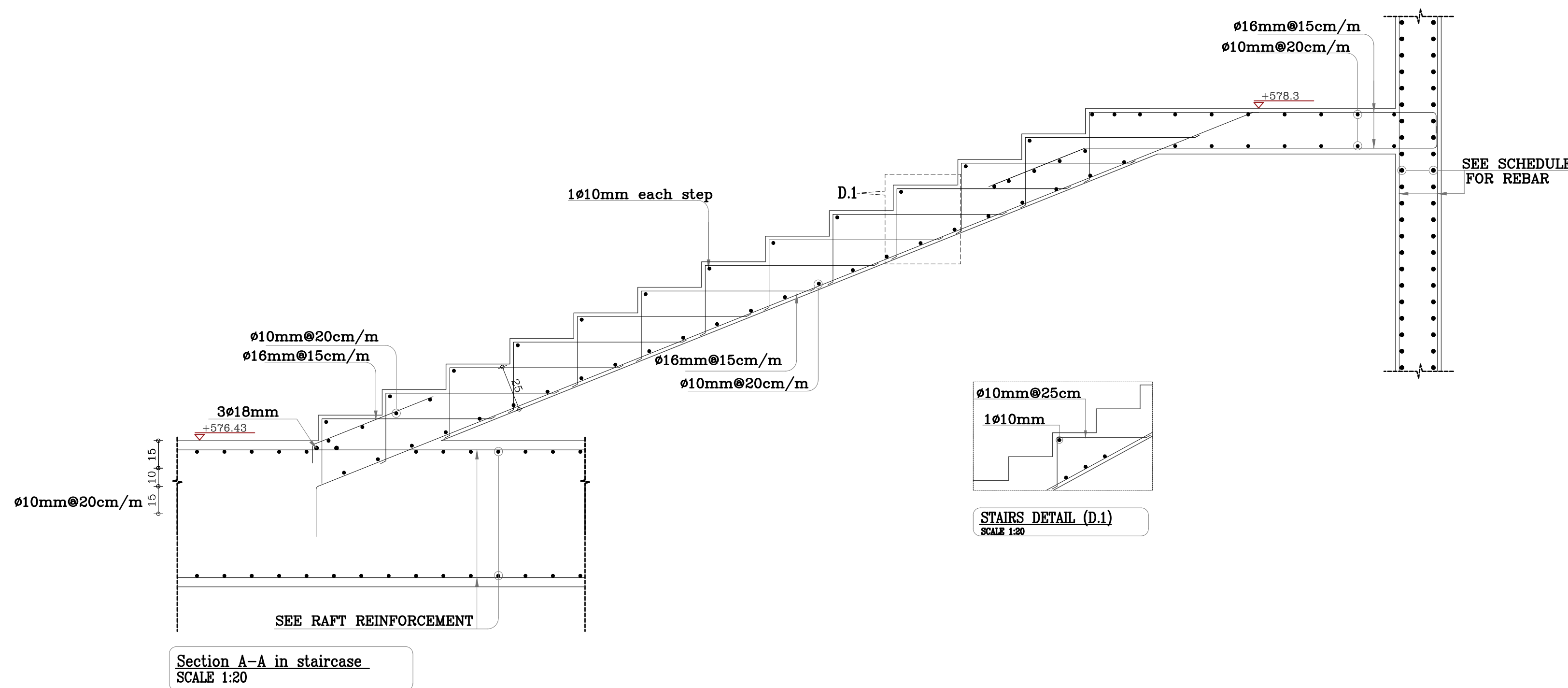
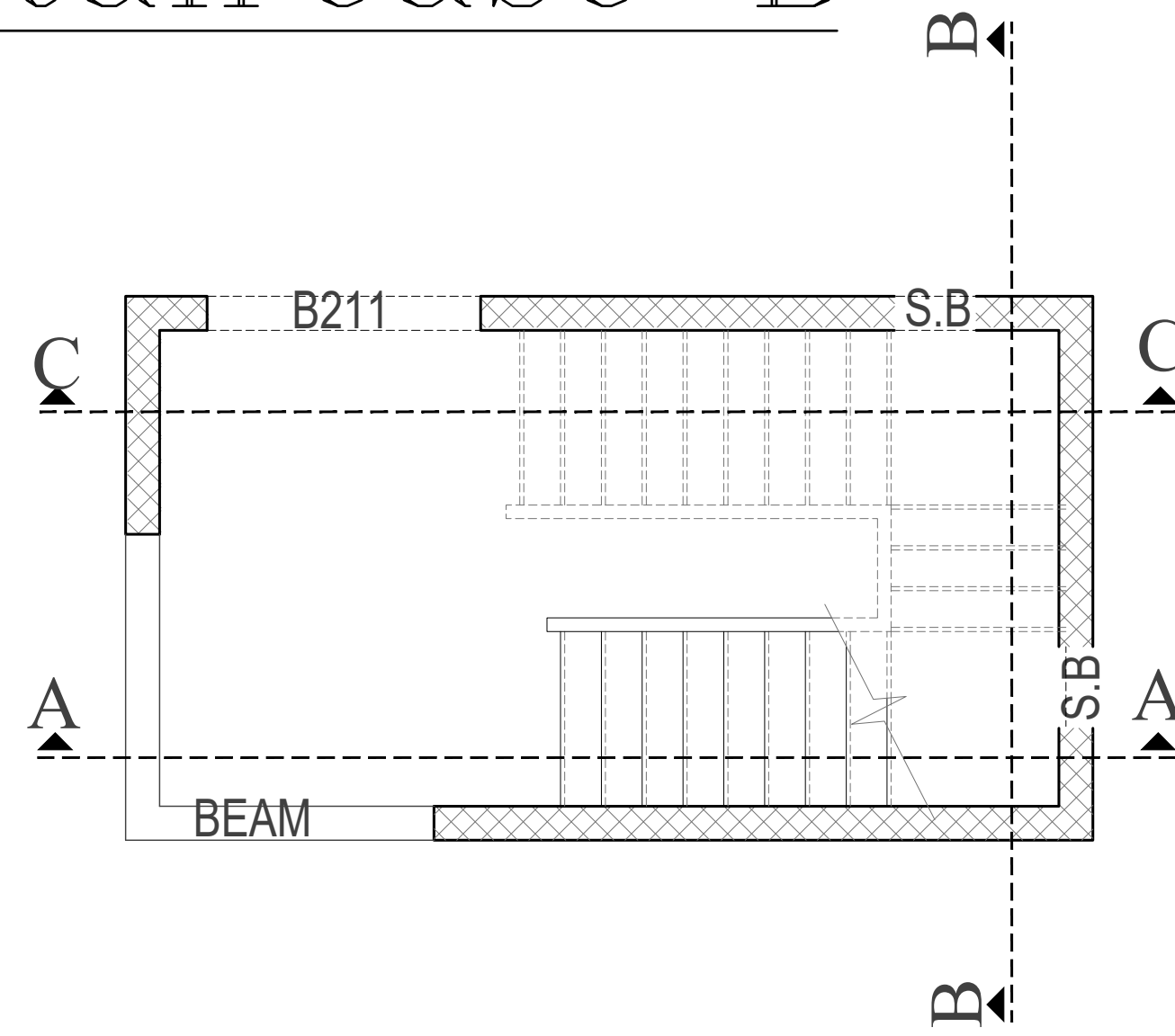


Section B-B in staircase
SCALE 1:20

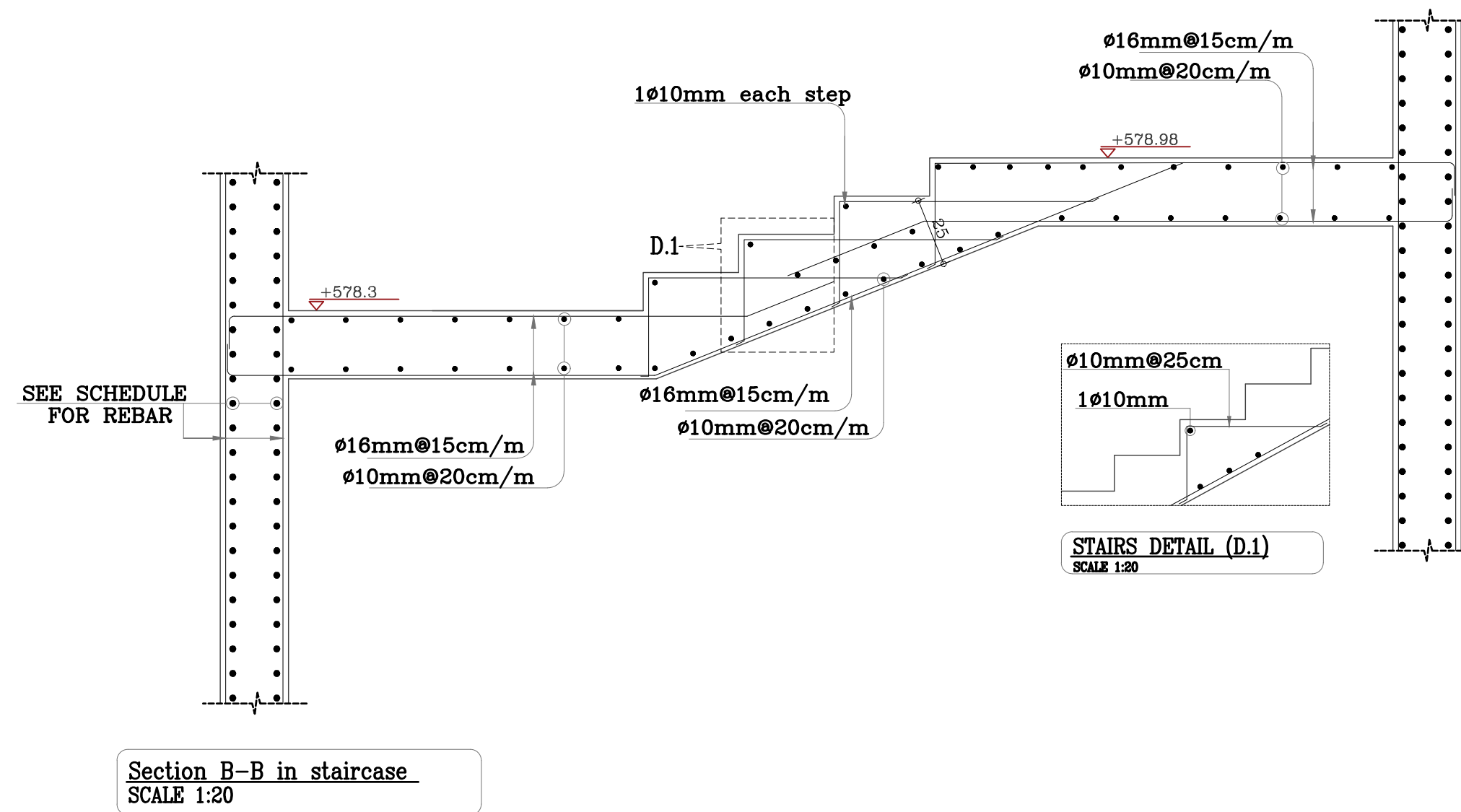


Section C-C in staircase
SCALE 1:20

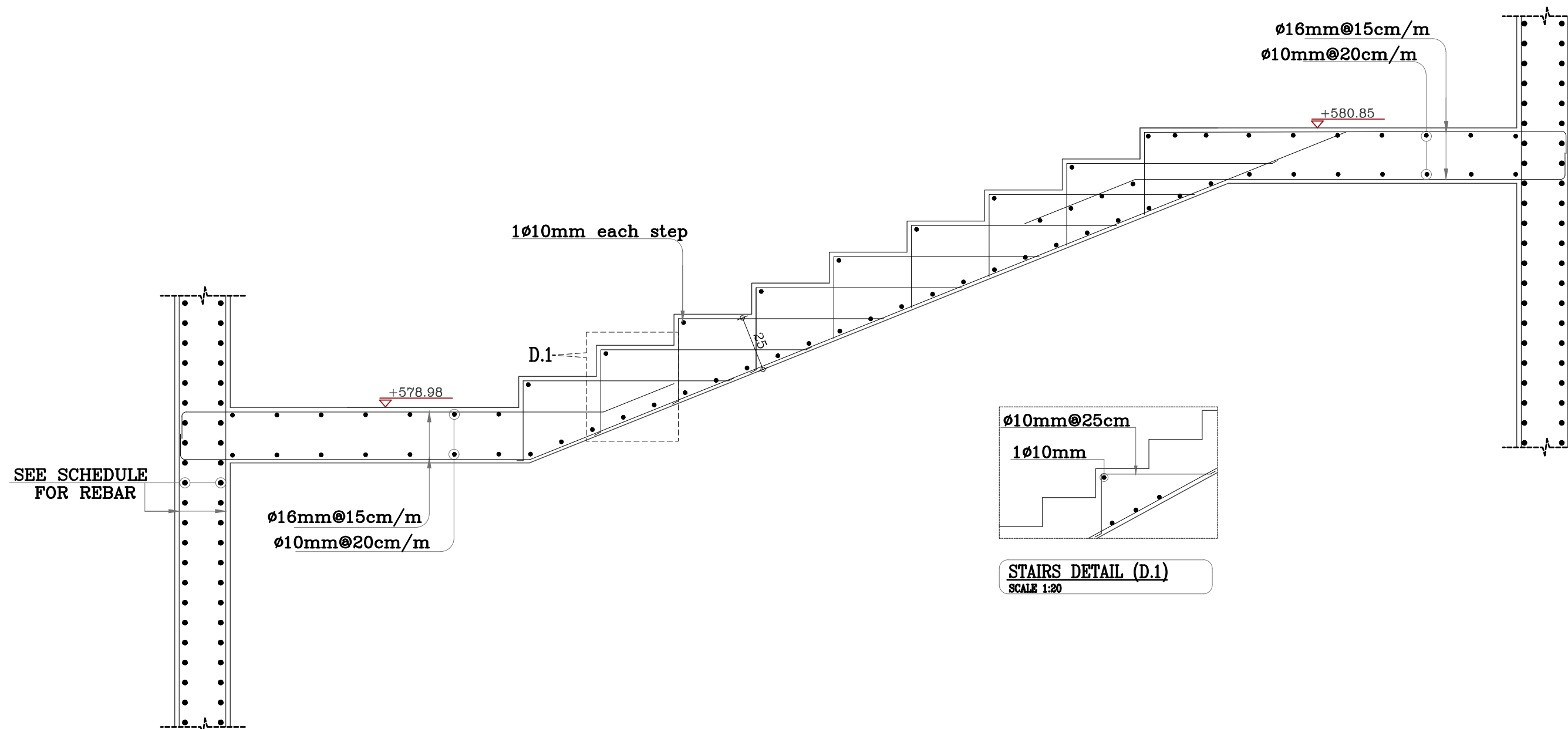
staircase B



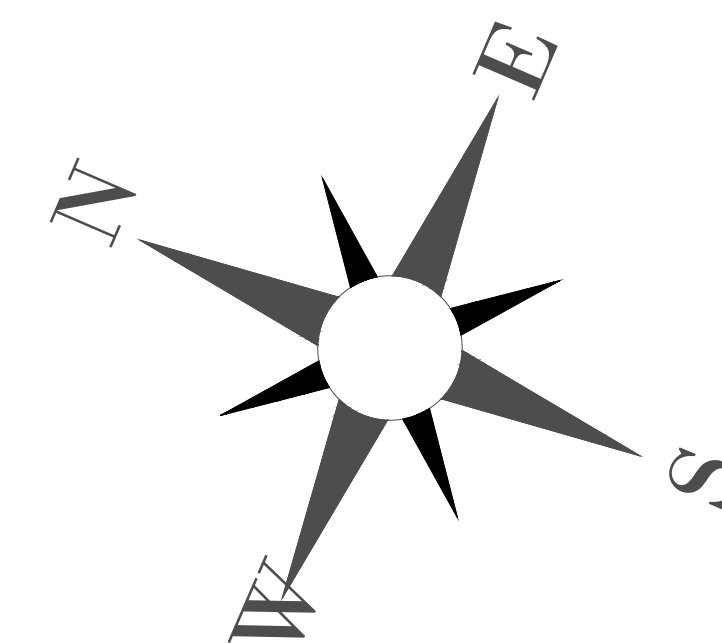
Section A-A in staircase
SCALE 1:20



Section B-B in staircase
SCALE 1:20

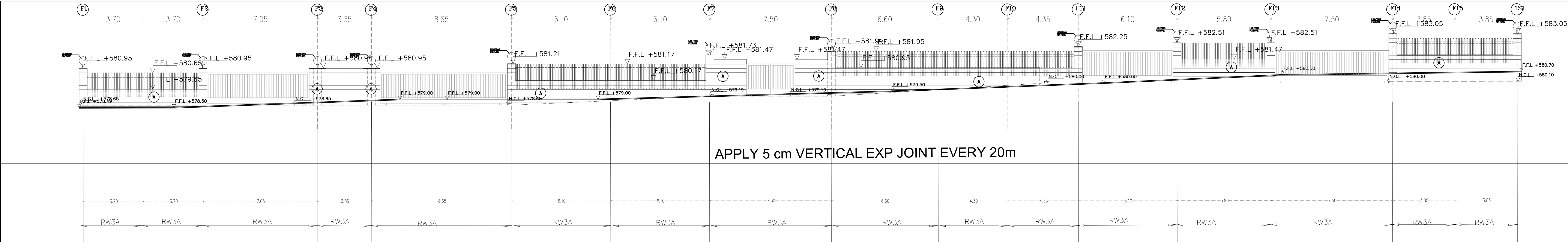


Section C-C in staircase
SCALE 1:20

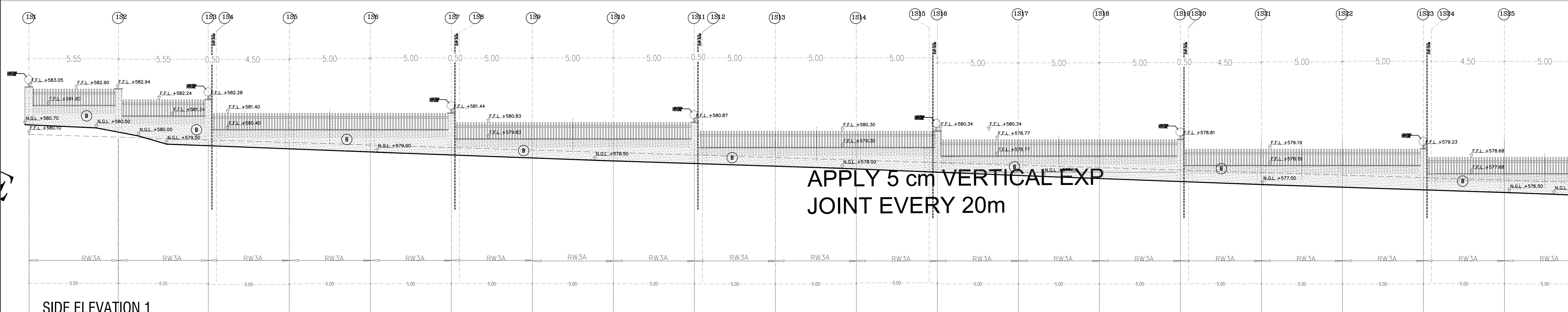


NOTES:

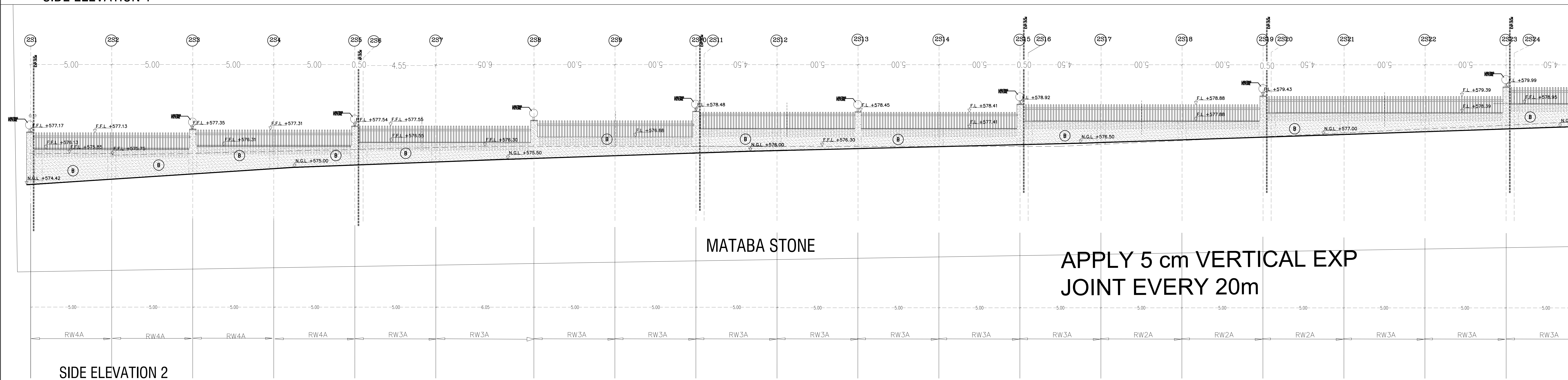
PLOT NO		:	413	
DISTRICT		:	IRBID	
BASIN		:	40 ALMUSRIB ALSHAMALJU	
REV. MARK	DATE	MADE BY	REMARKS	
CLIENT		NATIONAL CENTER FOR DIABETES ENDOCRINOLOGY AND GENETICS		
M	P	MADI & PARTNERS CONSULTING ENGINEERS		
C	E	TEL.5829640-5829641 FAX.5829642 e-mail : mpce@index.com.jo		
PROJECT	NATIONAL DIABETES AND ENDOCRINOLOGY CENTER BUILDING IN IRBID CITY			
DRG. TITLE	STAIRCASE STRUCTURAL DETAILS			
DRAWN BY : STRUC.T			SCALE: 1:20	
DESIGNED BY : H.S			DATE : DEC.-2023	
CHECKED BY : H.S			PROJECT No.	DRAWING No. S-19
APPROVED BY : H.S				



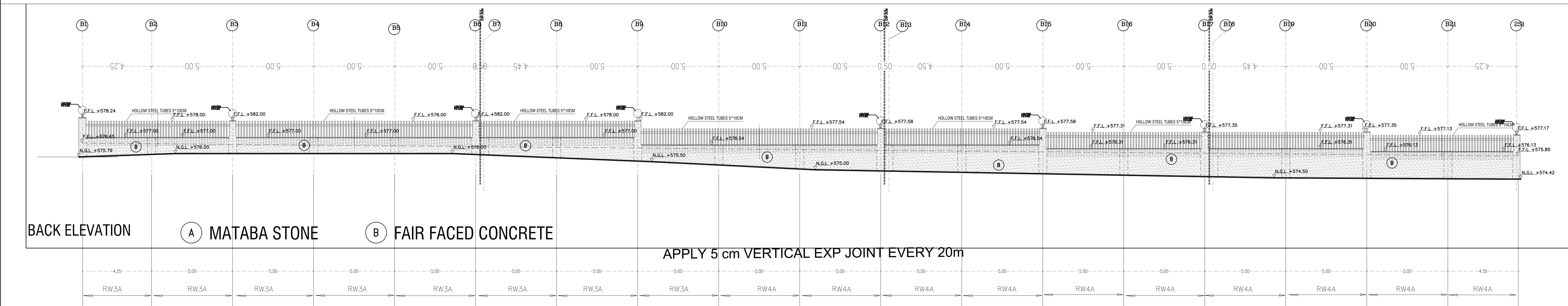
FRONT ELEVATION



SIDE ELEVATION 1



SIDE ELEVATION 2



BACK ELEVATION

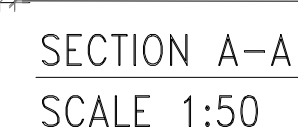
(A) MATABA STONE (B) FAIR FACED CONCRETE

BACK ELEVATION

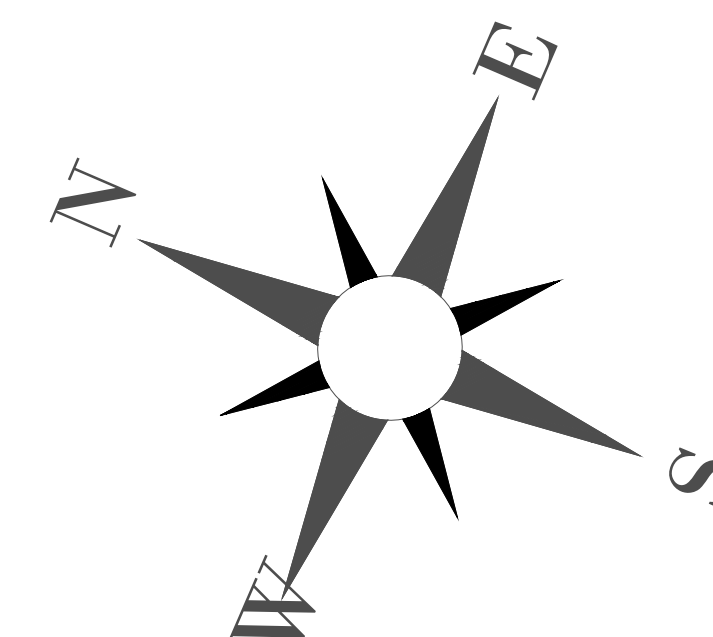


NOTES:

PLOT NO		:	413	
DISTRICT		:	IRBID	
BASIN		:	40 ALMUSRIB ALSHAMALIJI	
EV. MARK	DATE	MADE BY	REMARKS	
CLIENT	NATIONAL CENTER FOR DIABETES ENDOCRINOLOGY AND GENETICS			
MPC E	MADI & PARTNERS CONSULTING ENGINEERS			
	TEL.5829640-5829641 FAX.5829642 e-mail : mpce@index.com.jo			
PROJECT	NATIONAL DIABETES AND ENDOCRINOLOGY CENTER BUILDING IN IRBID CITY			
DRG. TITLE	FENCES STRUCTURAL DETAILS			
DRAWN BY : STRUC.T			SCALE: 1:100	
DESIGNED BY : H.S			DATE : DEC.-2023	
CHECKED BY : H.S			PROJECT No.	DRAWING No. S-20
APPROVED BY : H.S				

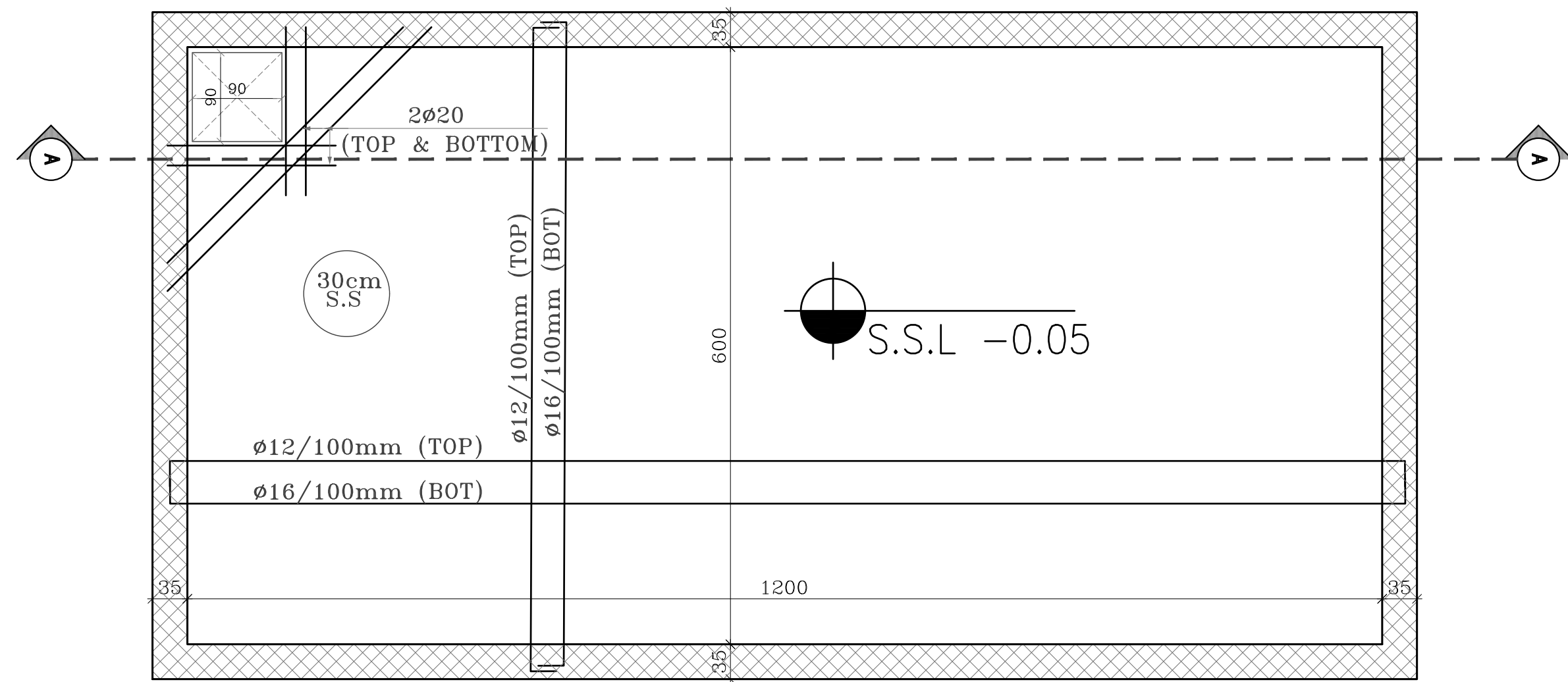


COLUMN #

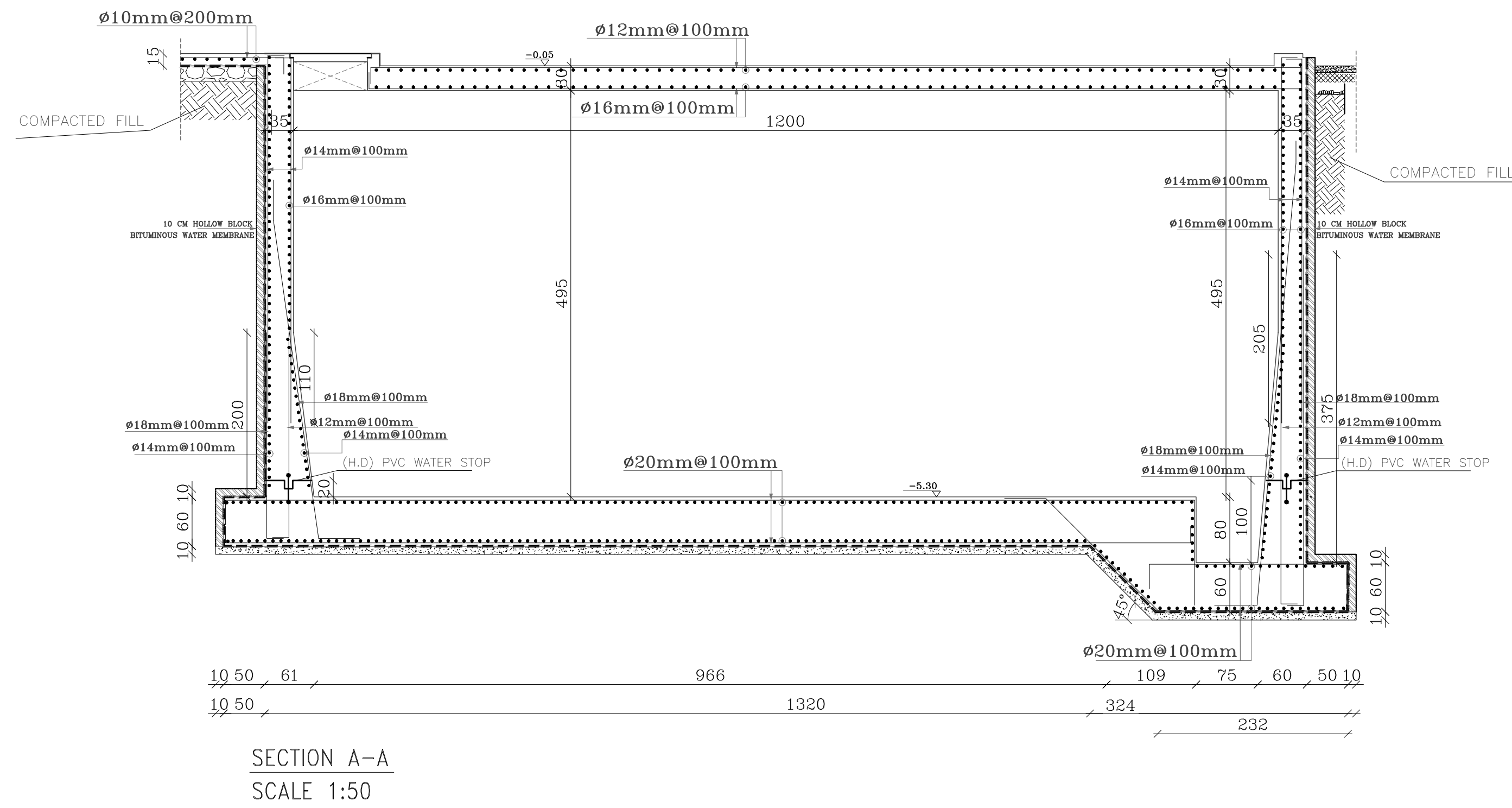


NOTES:

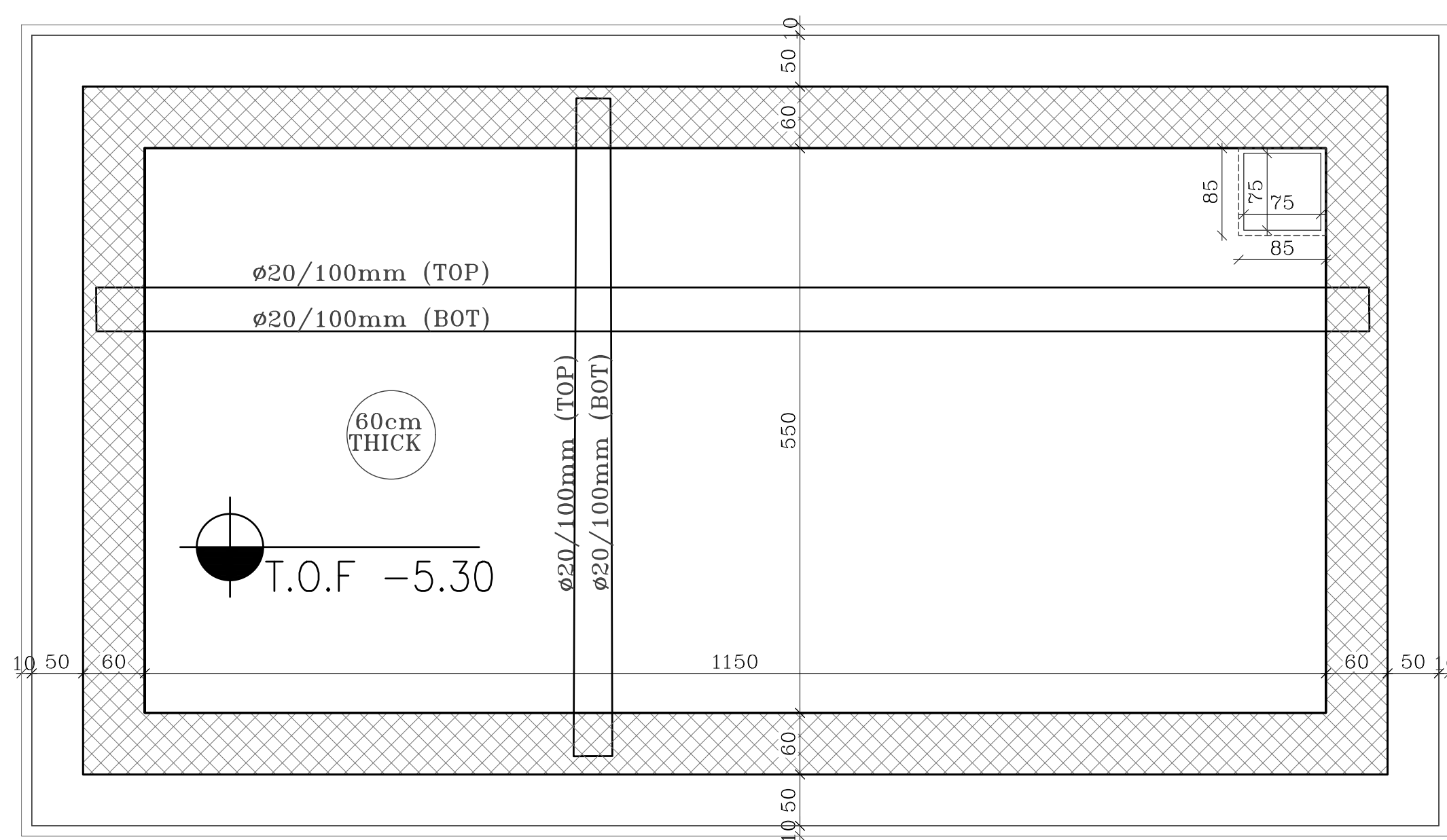
PLOT NO		:		413	
DISTRICT		:		IRBID	
BASIN		:		40 ALMUSRIB ALSHAMALU	
REV	MARK	DATE	MADE BY	REMARKS	
CLIENT		NATIONAL CENTER FOR DIABETES ENDOCRINOLOGY AND GENETICS			
M	P	MADI & PARTNERS CONSULTING ENGINEERS			
C	E	TEL:5829640-5829641 FAX:5829642 e-mail : mpce@index.com.jo			
PROJECT		NATIONAL DIABETES AND ENDOCRINOLOGY CENTER BUILDING IN IRBID CITY			
DRG. TITLE		RAIN WATER TANKS & GENERATOR & TRANSFORMER STRUCTURAL DETAILS			
DRAWN BY : STRUCT			SCALE: AS SHOWN		
DESIGNED BY : H.S			DATE : DEC.-2023		
CHECKED BY : H.S			PROJECT No.		DRAWING No.
APPROVED BY : H.S					S-21



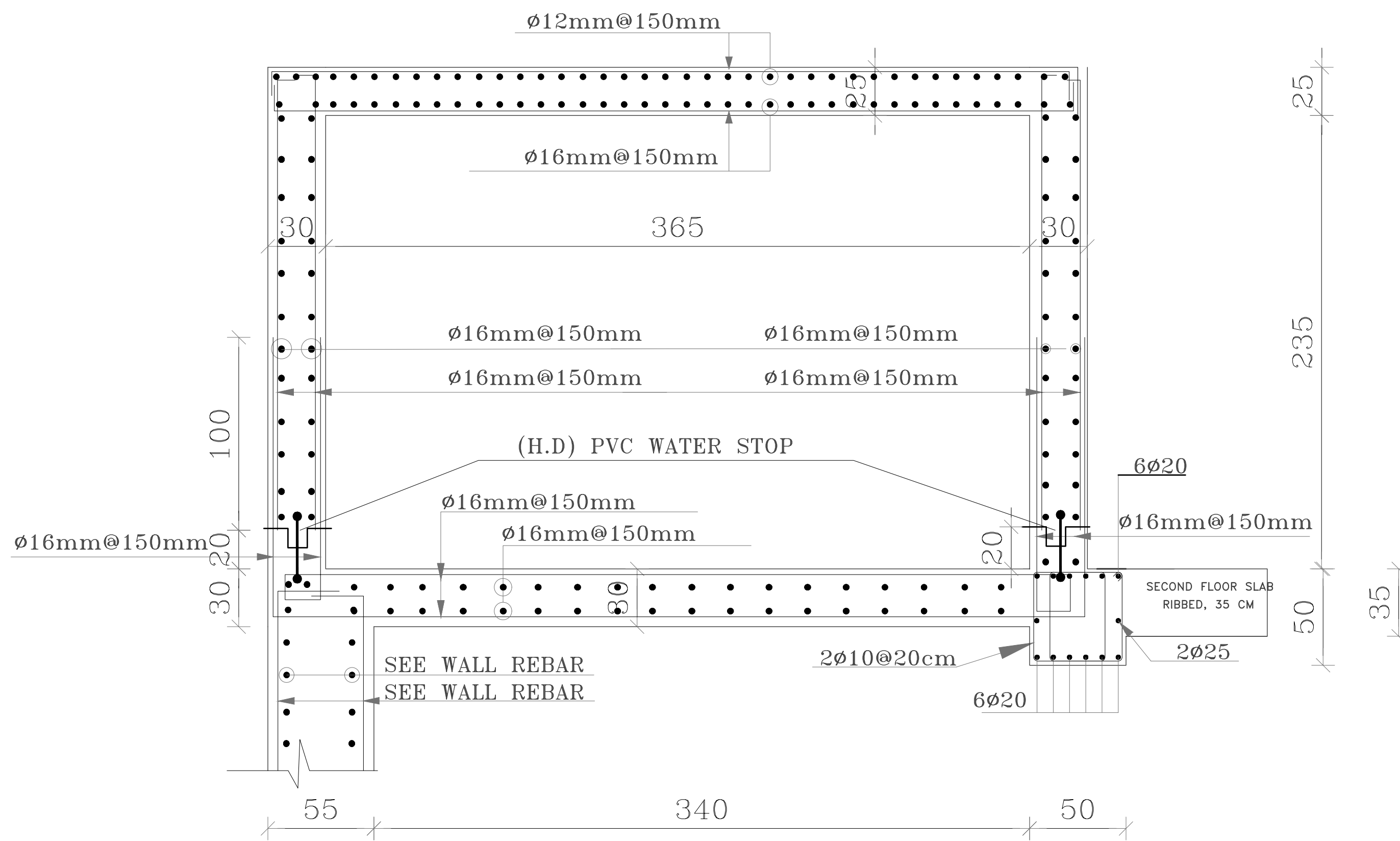
UNDER GROUND WATER TANK - TOP SLAB REINFORCEMENT PLAN
SCALE 1:50



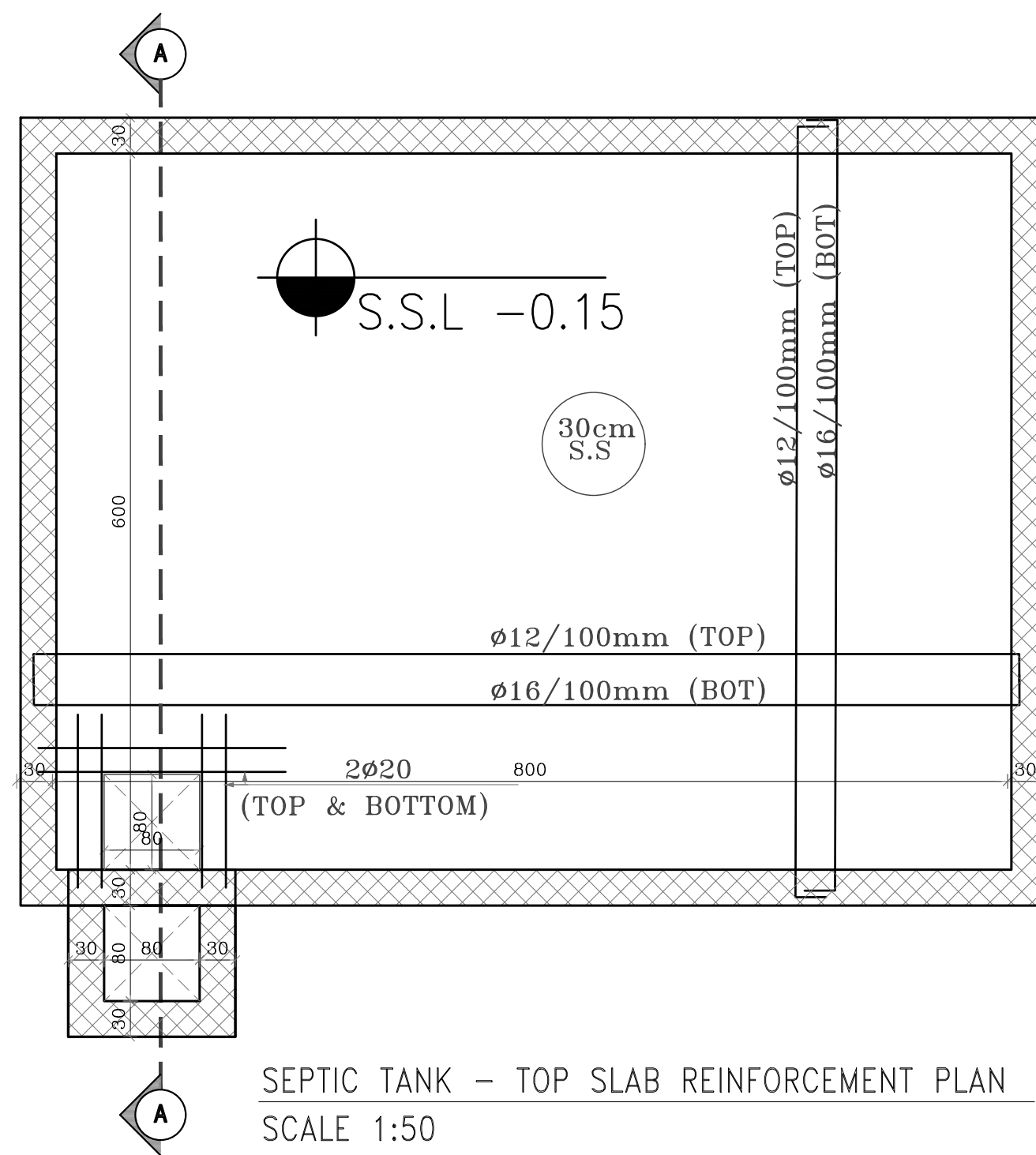
SECTION A-A
SCALE 1:50



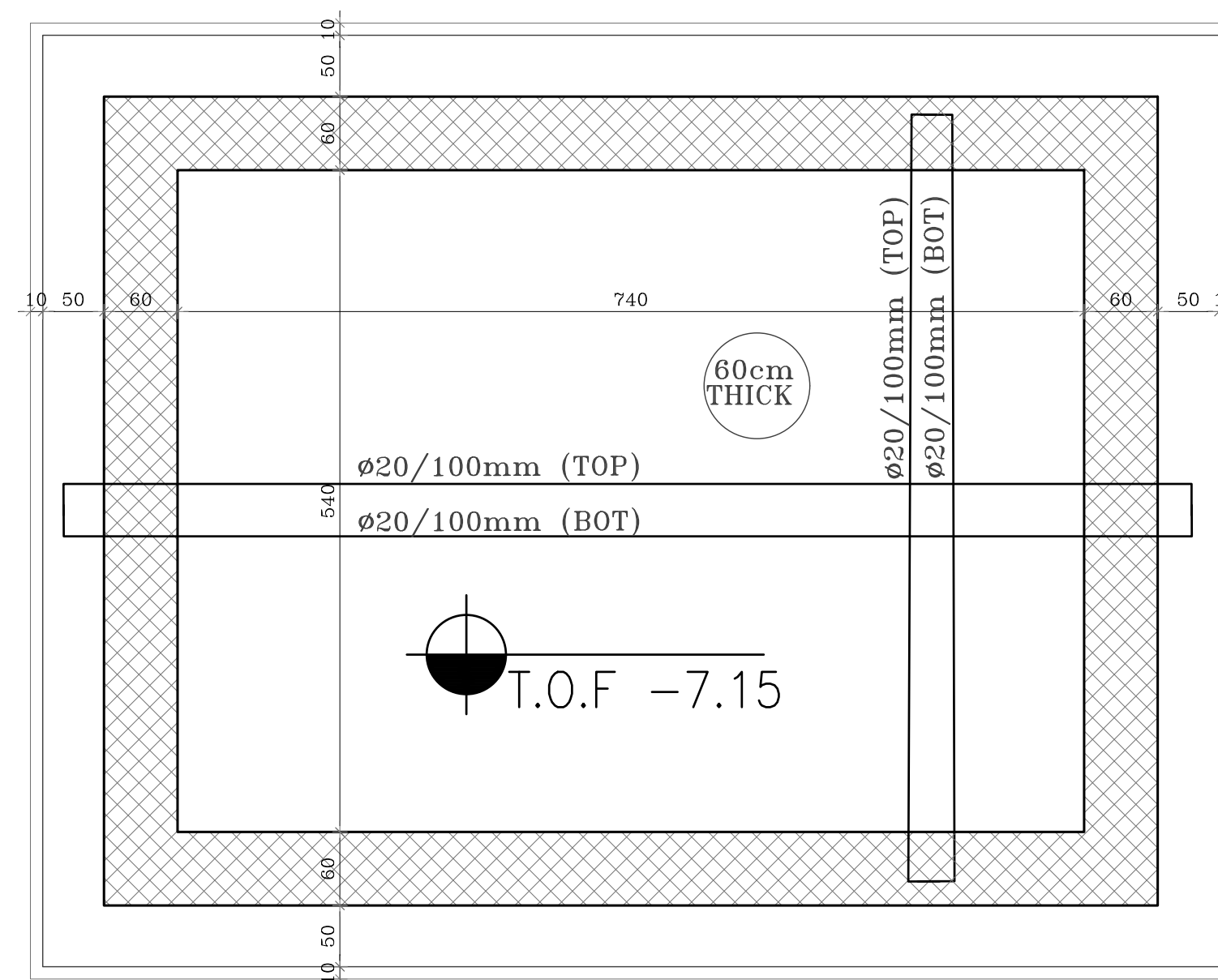
UNDER GROUND WATER TANK - FOUNDATION PLAN
SCALE 1:50



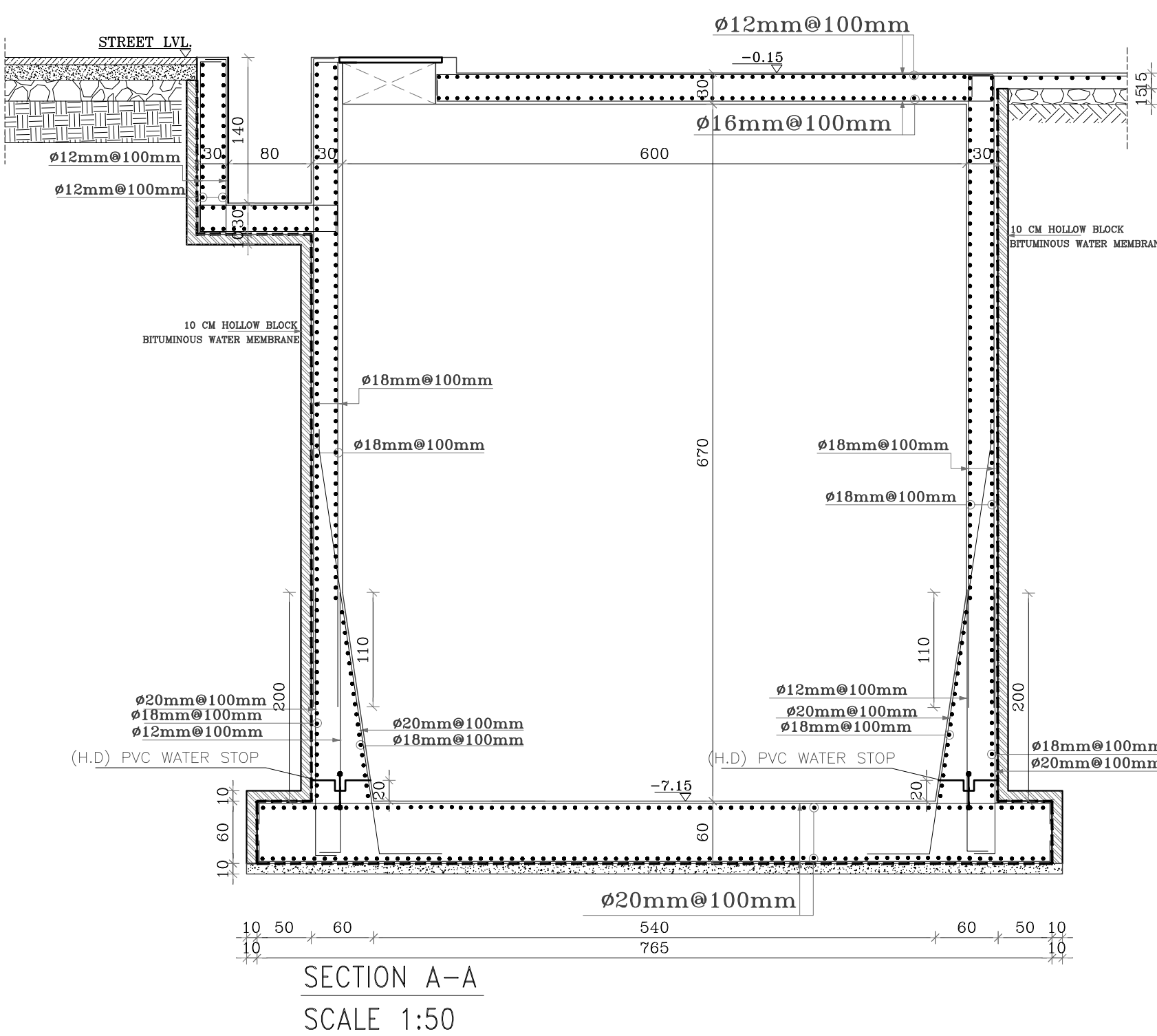
ROOF WATER TANK DETAILS
SCALE 1:20



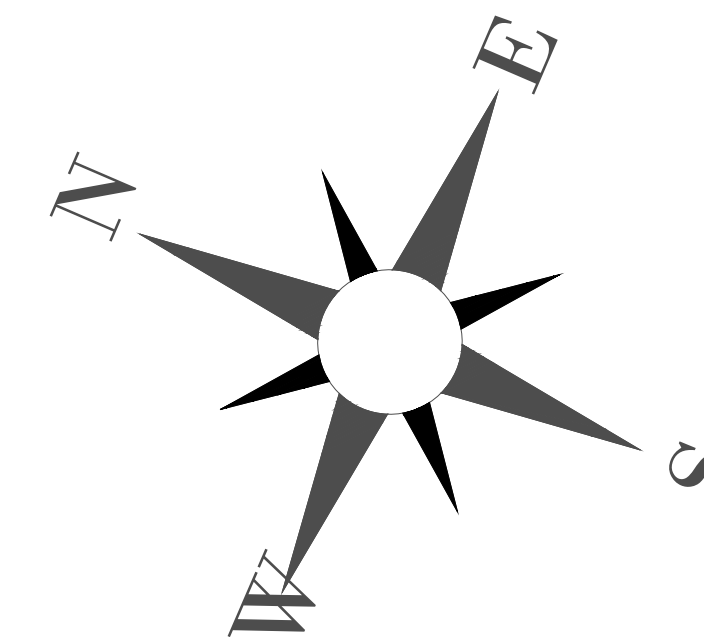
SEPTIC TANK - TOP SLAB REINFORCEMENT PLAN
SCALE 1:50



SEPTIC TANK - FOUNDATION PLAN
SCALE 1:50



SECTION A-A
SCALE 1:50



NOTES:

PLOT NO : 413

DISTRICT : IRBD

BASIN : 40 ALMUSRIB ALSHAMALI

REV. MARK DATE MADE BY REMARKS

CLIENT NATIONAL CENTER FOR DIABETES
ENDOCRINOLOGY AND GENETICS

MP MADI & PARTNERS CONSULTING ENGINEERS
CE TEL:5829640-5829641 FAX:5829642
e-mail : mpce@index.com.jo

PROJECT NATIONAL DIABETES AND ENDOCRINOLOGY
CENTER BUILDING IN IRBD CITY

DRG. TITLE WATER TANK & ROOF WATER TANK &
SEPTIC TANK STRUCTURAL DETAILS

DRAWN BY : ST.TEAM

SCALE: AS SHOWN

DESIGNED BY : H.S

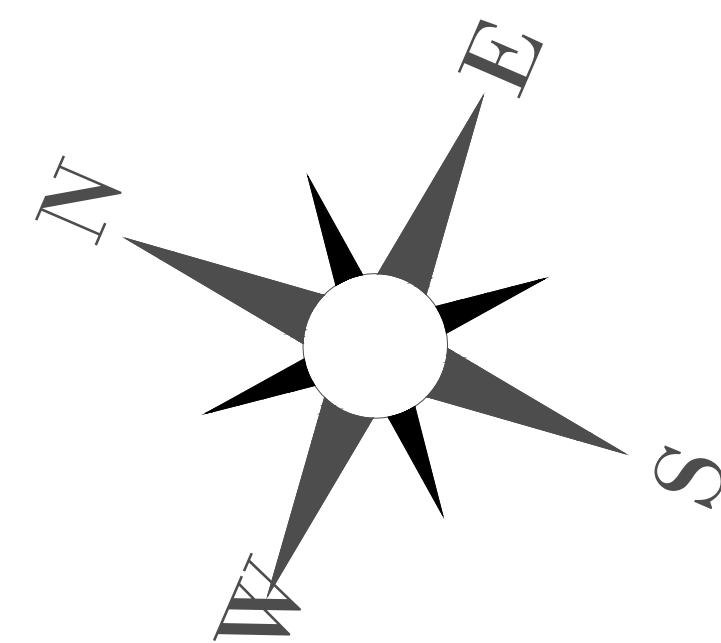
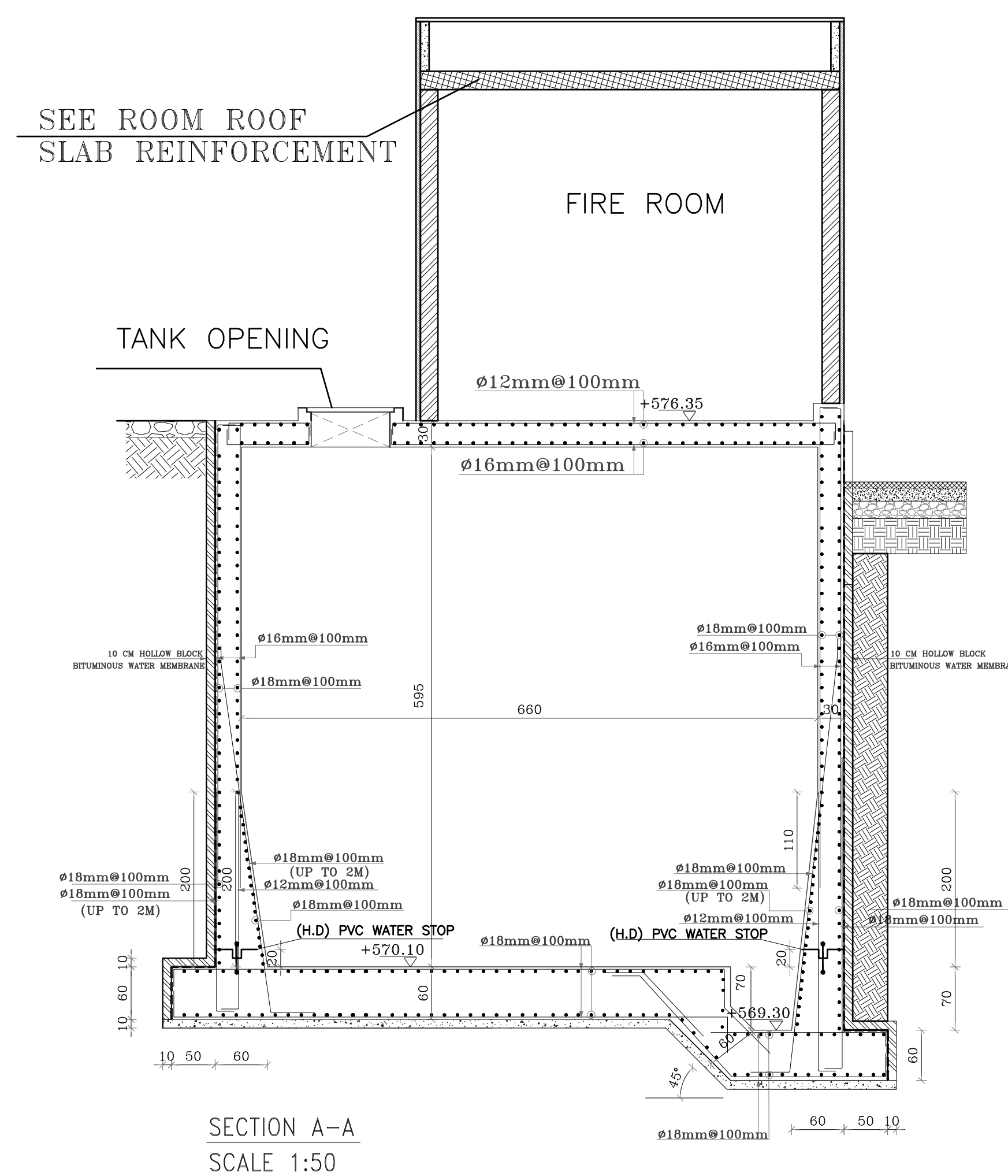
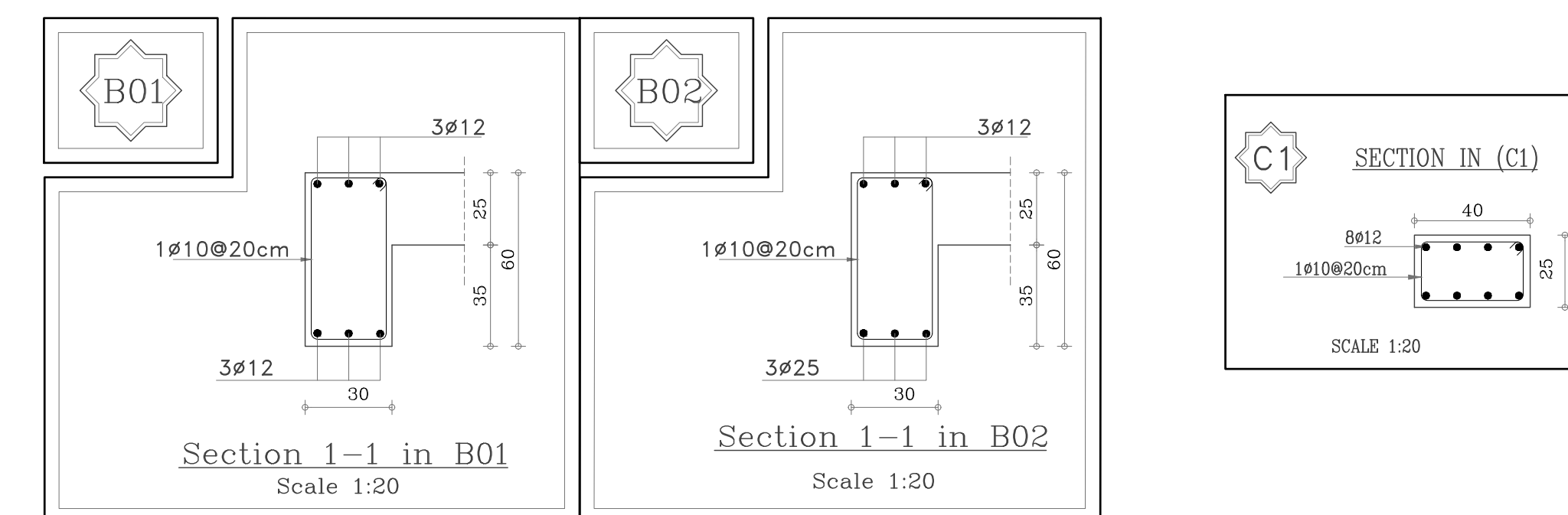
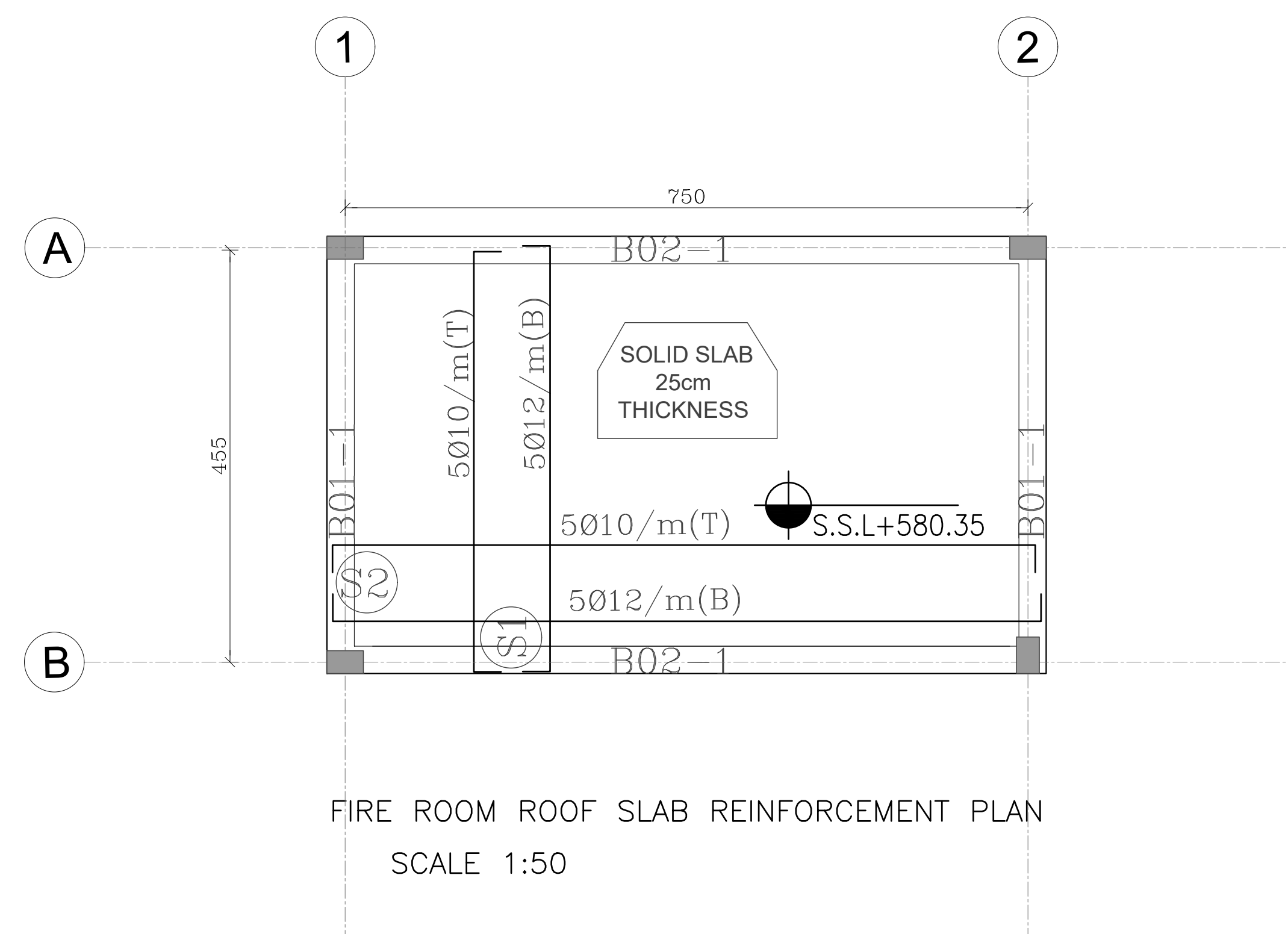
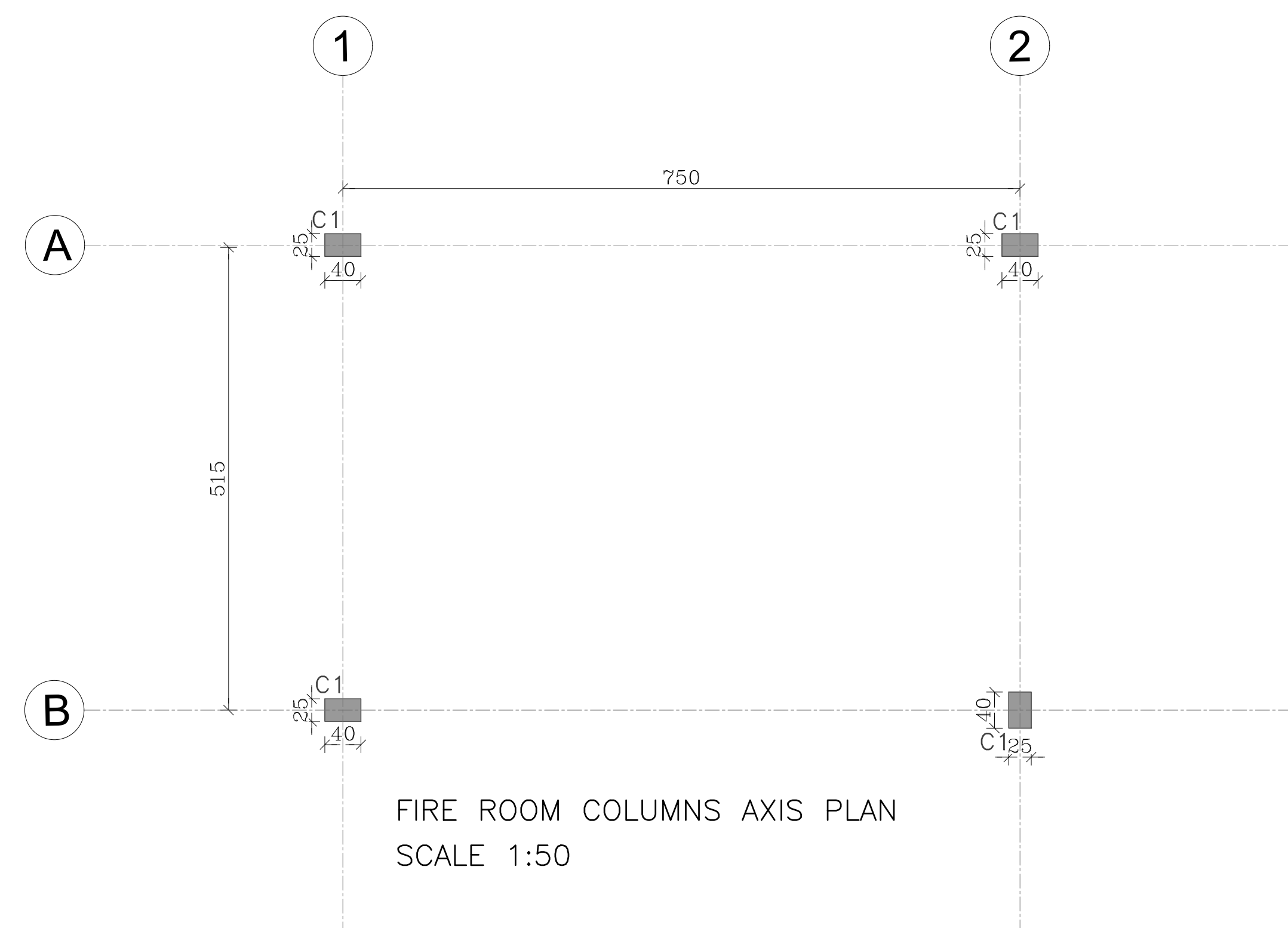
DATE : DEC.-2023

CHECKED BY : H.S

PROJECT No. DRAWING No.

APPROVED BY: H.S

S-22



NOTES:

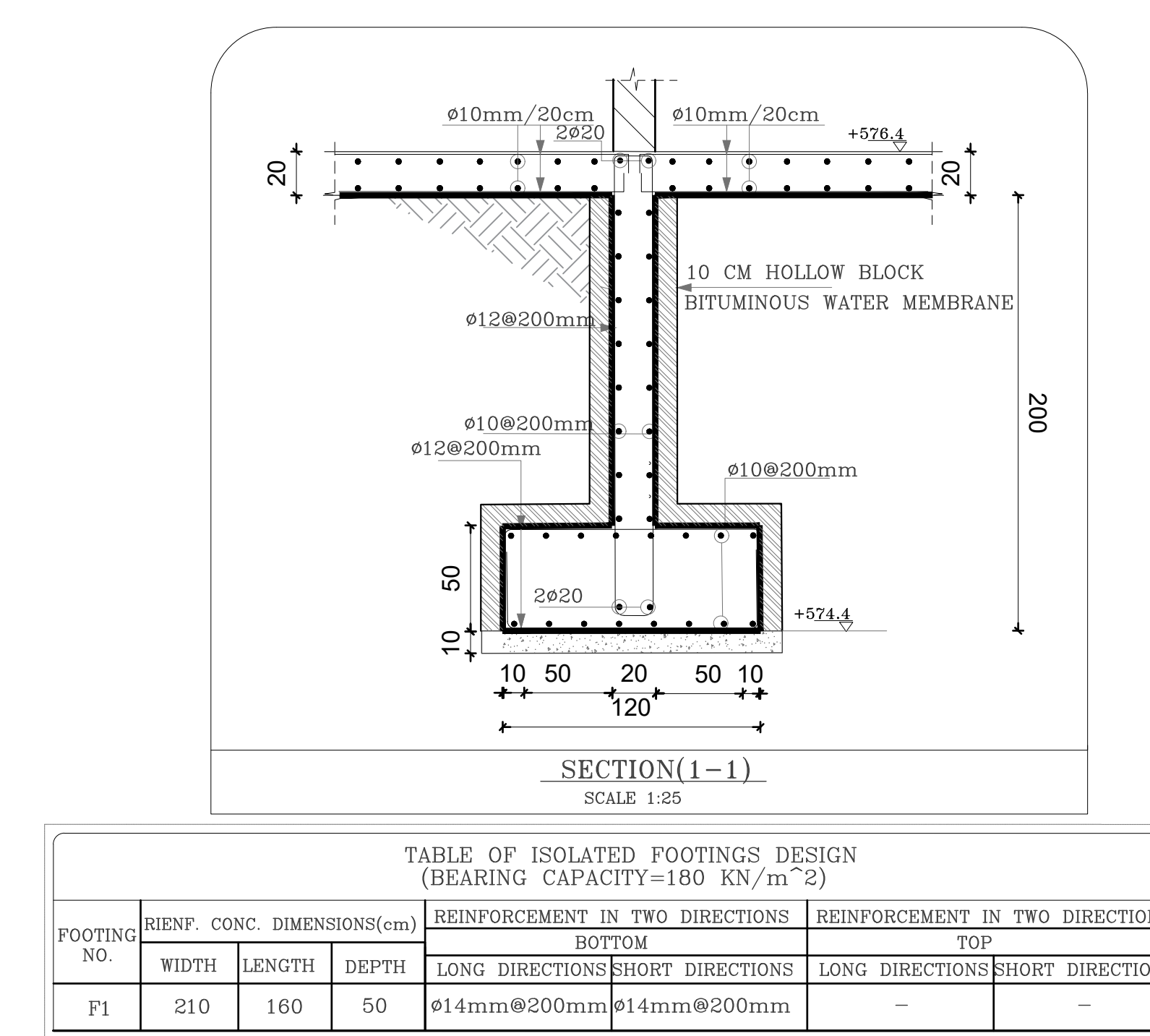
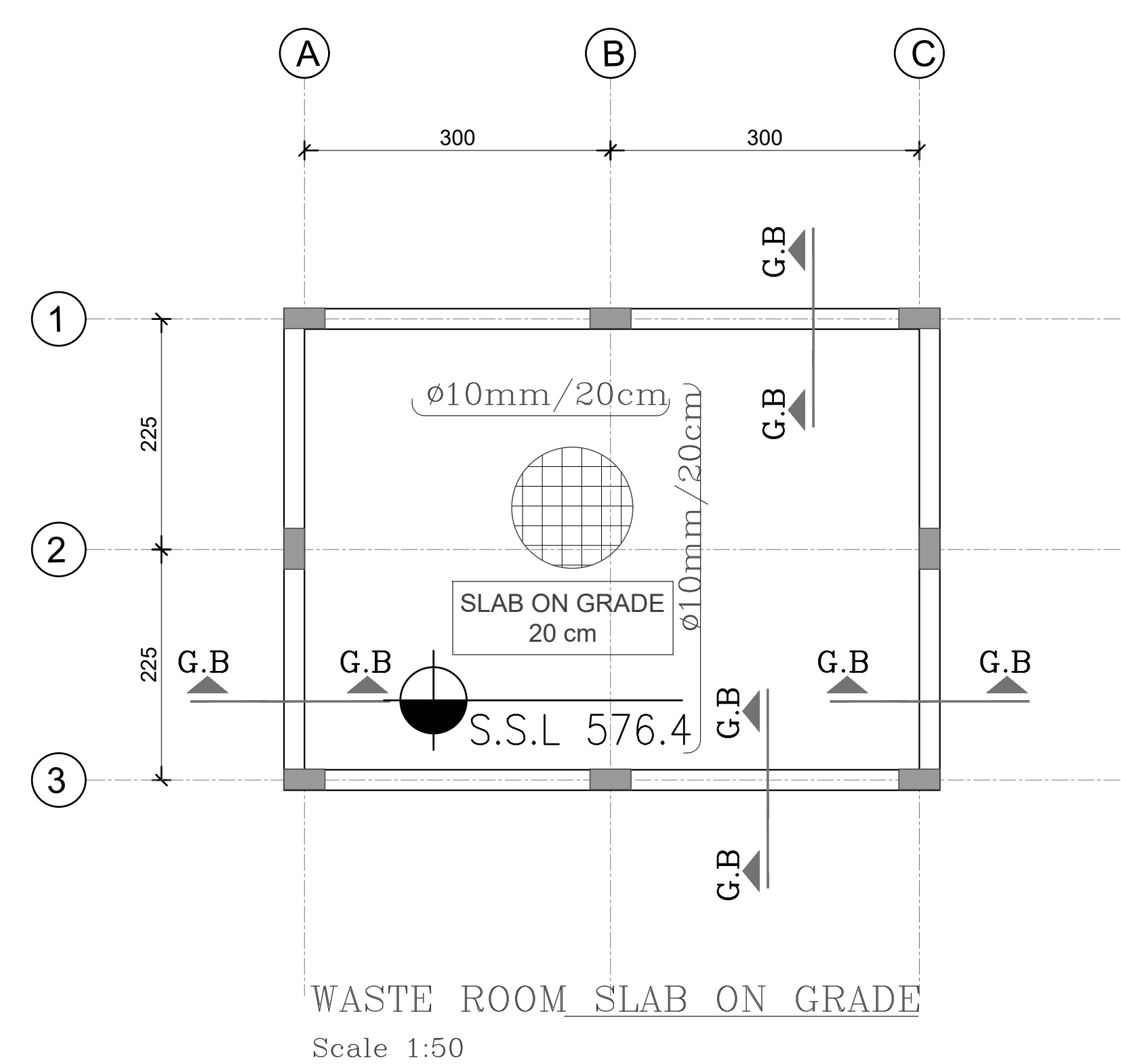
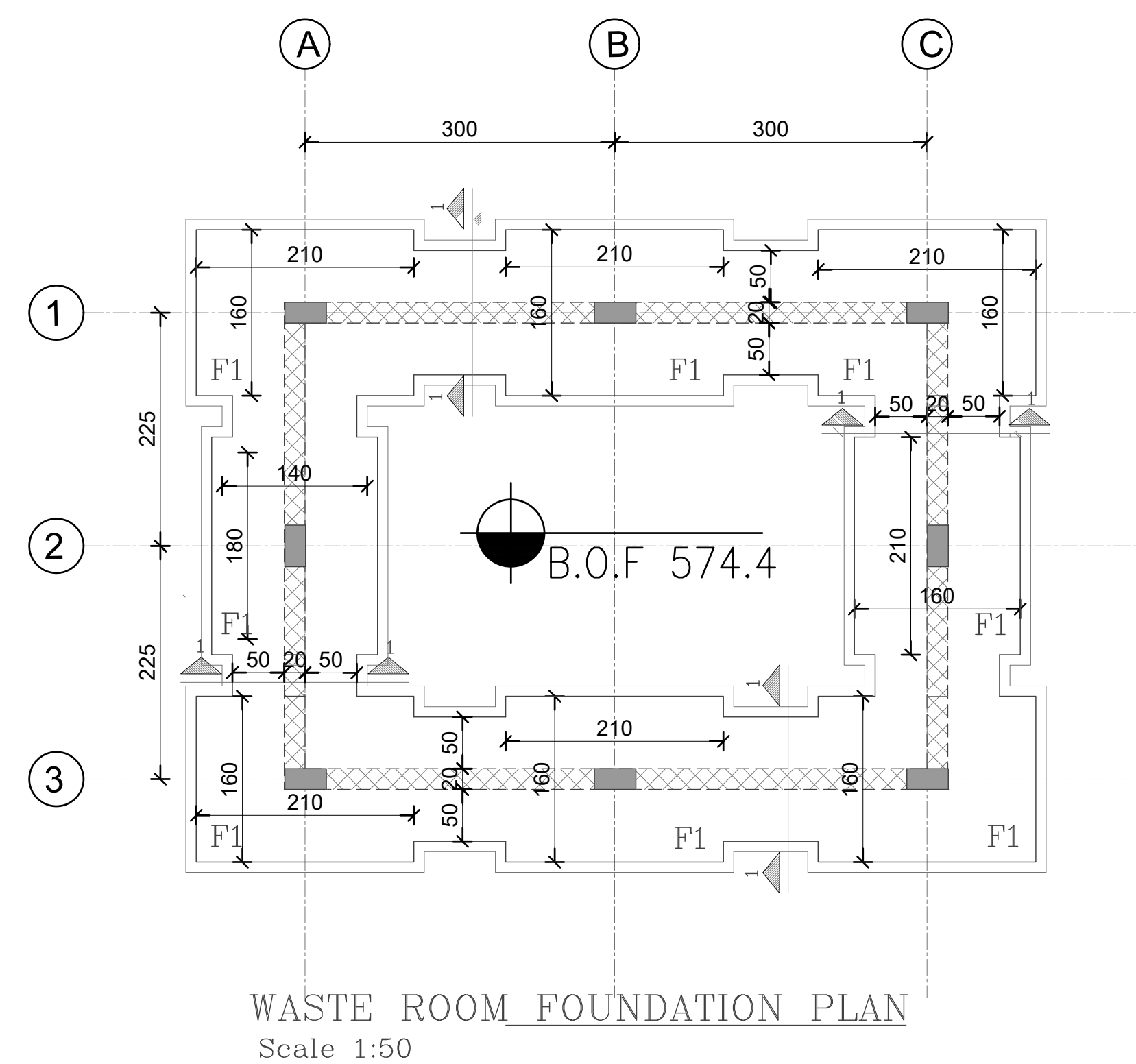
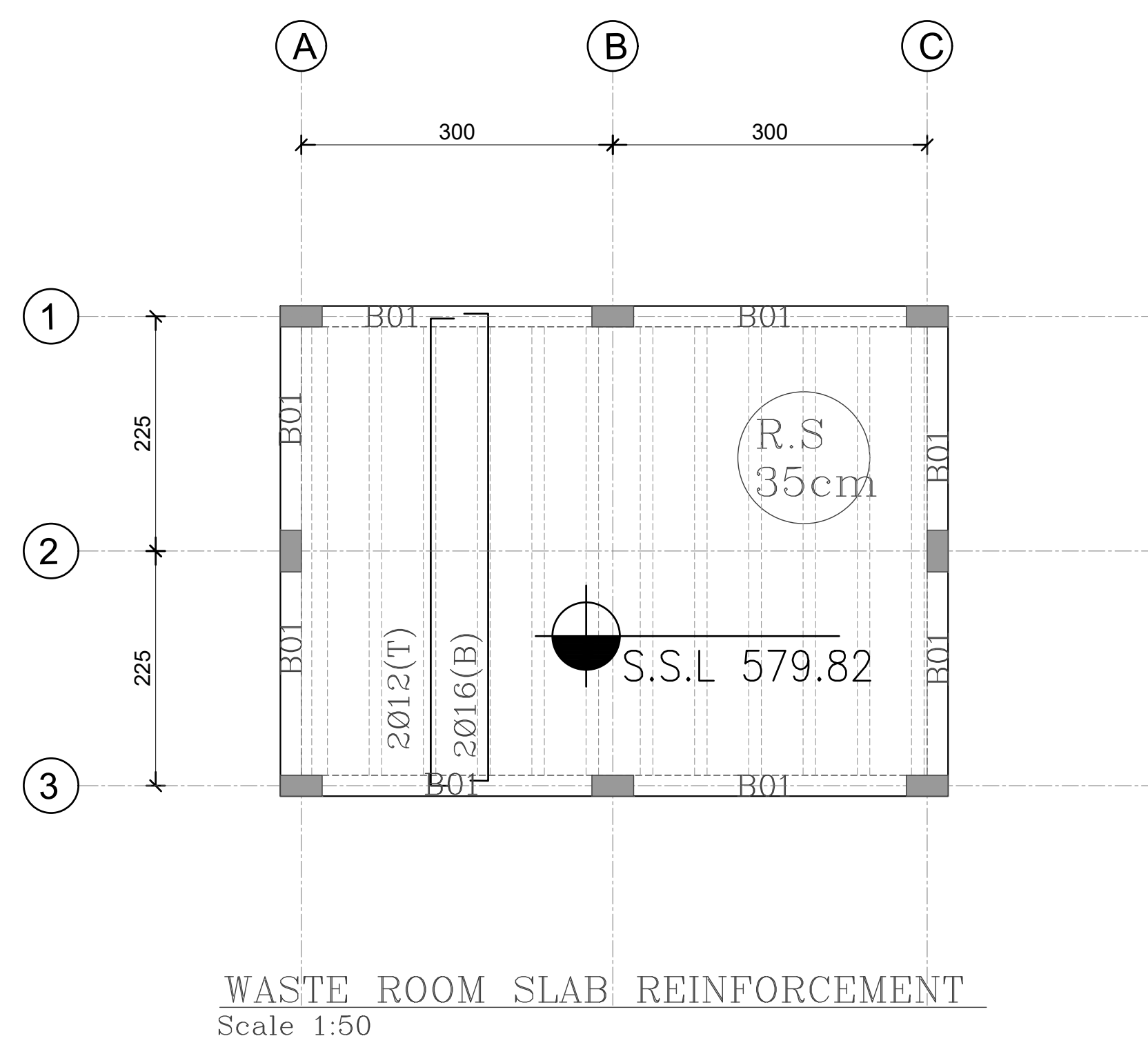
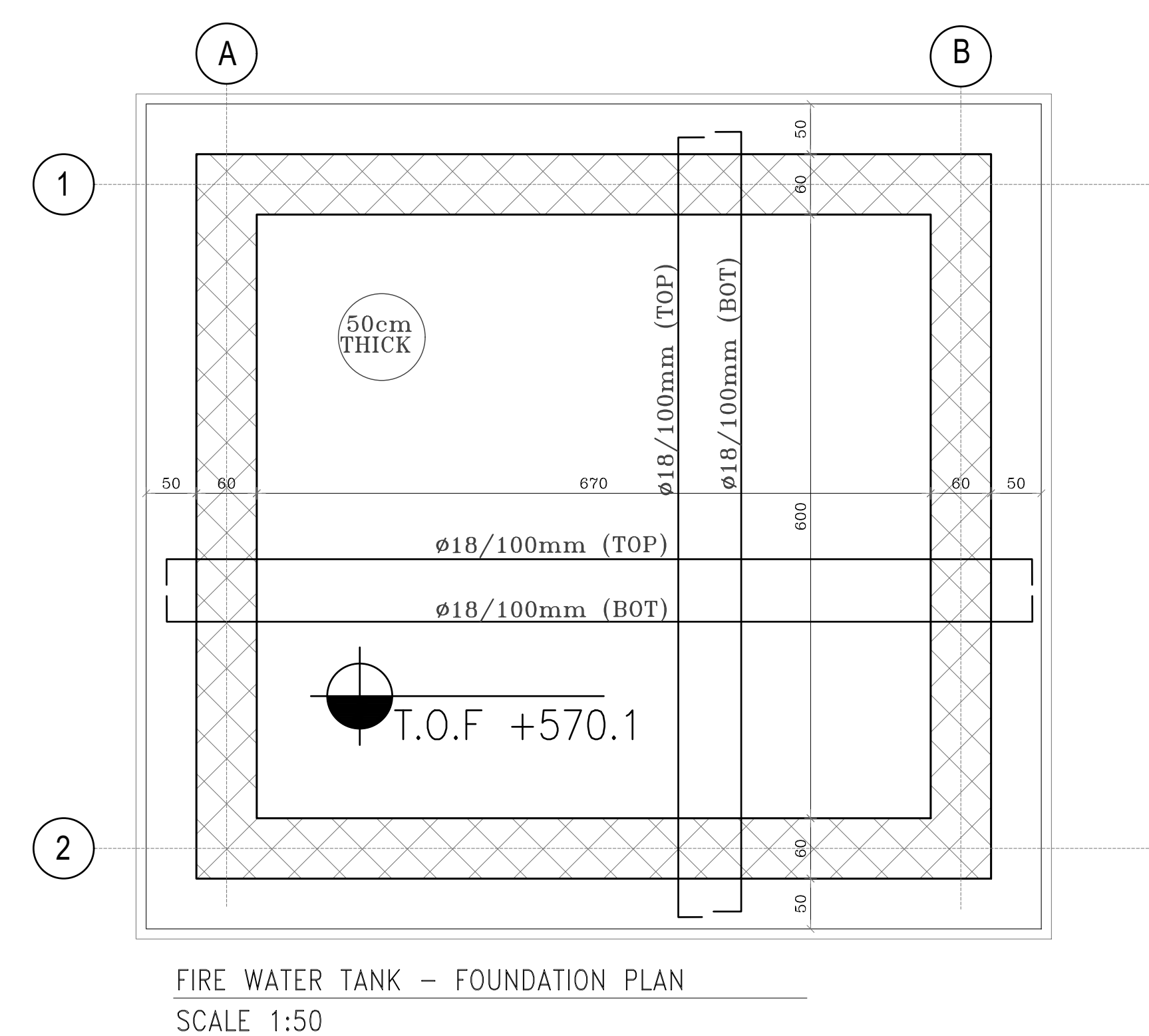
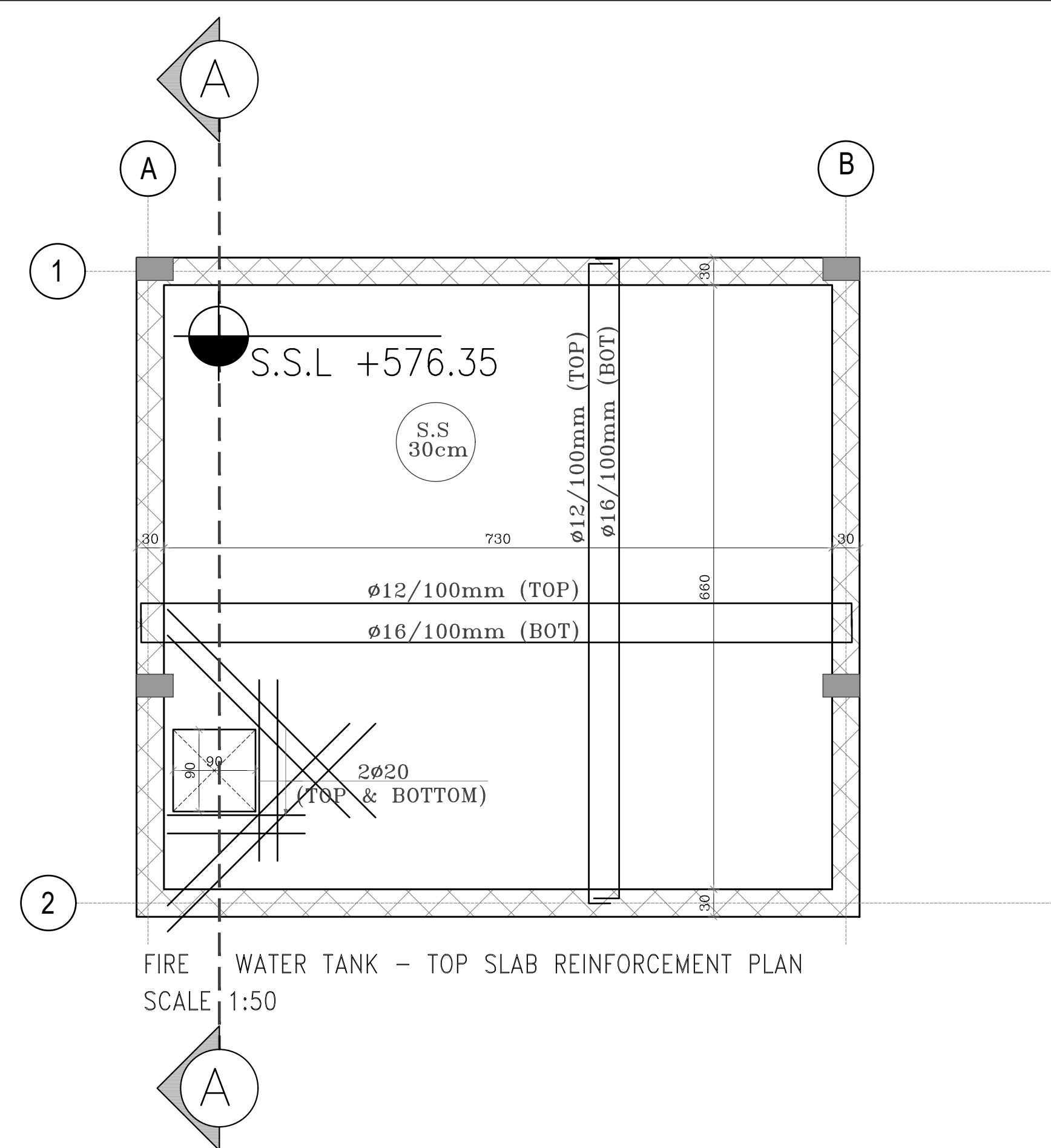
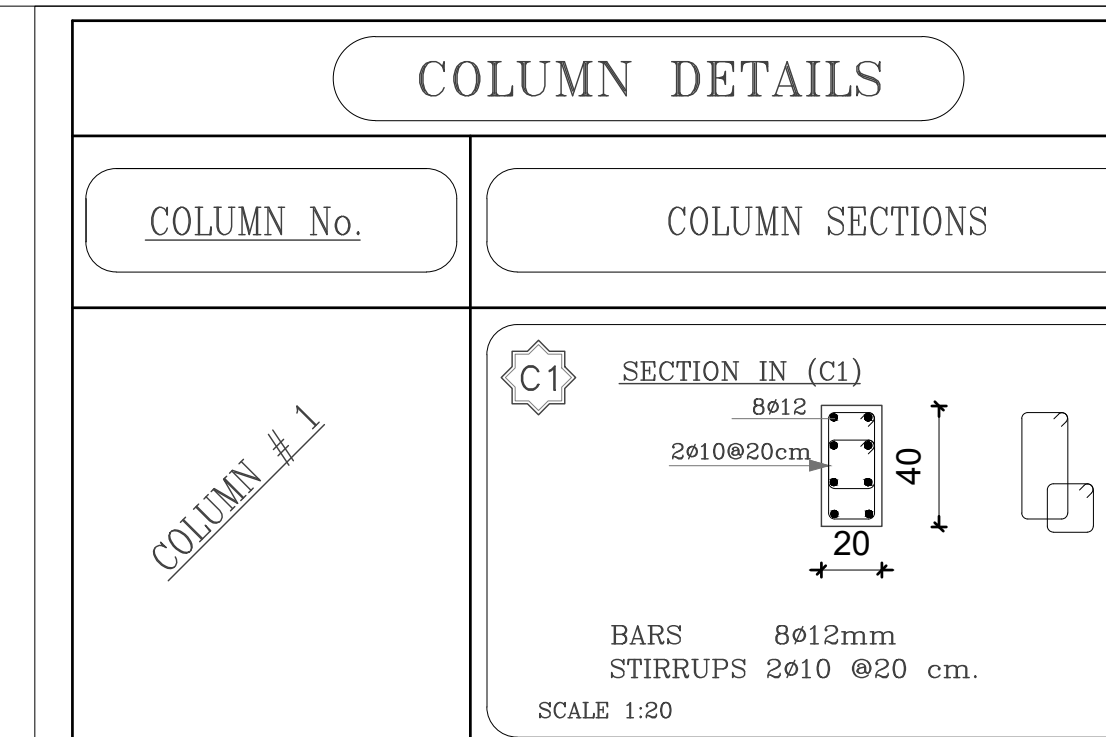
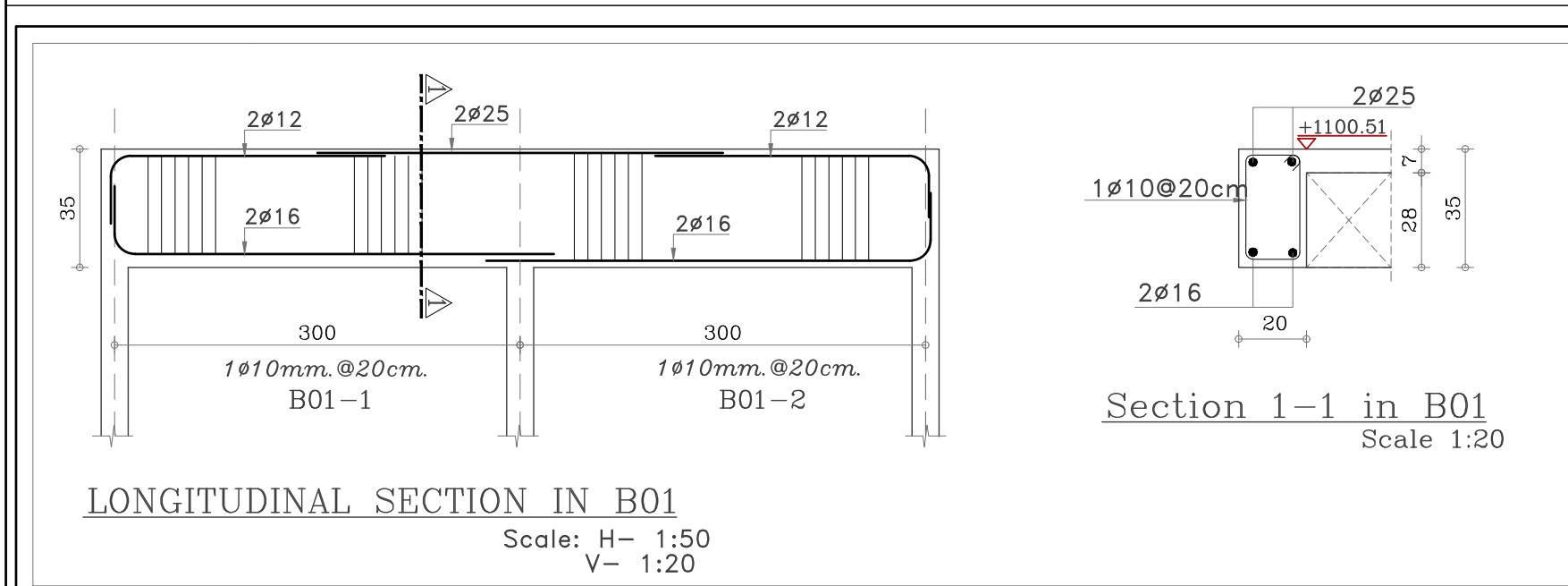


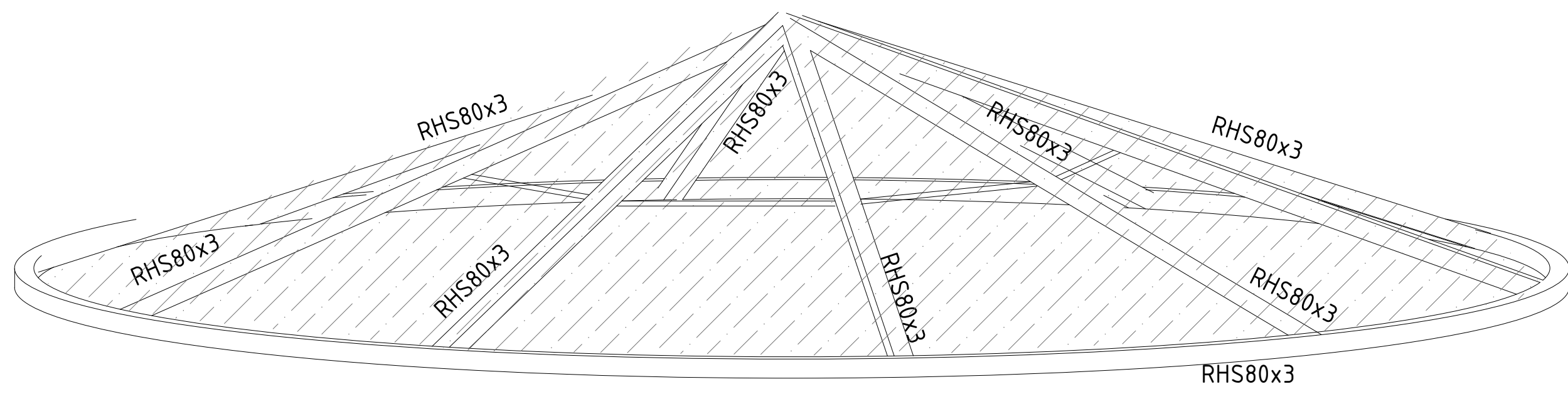
TABLE OF ISOLATED FOOTINGS DESIGN (BEARING CAPACITY=180 KN/m ²)							
FOOTING NO.	REIN. CONC. DIMENSIONS(cm)			REINFORCEMENT IN TWO DIRECTIONS		REINFORCEMENT IN TWO DIRECTIONS	
	WIDTH	LENGTH	DEPTH	BOTTOM		TOP	
				LONG DIRECTIONS	SHORT DIRECTIONS	LONG DIRECTIONS	SHORT DIRECTIONS
F1	210	160	50	ø14mm@200mm	ø14mm@200mm	-	-



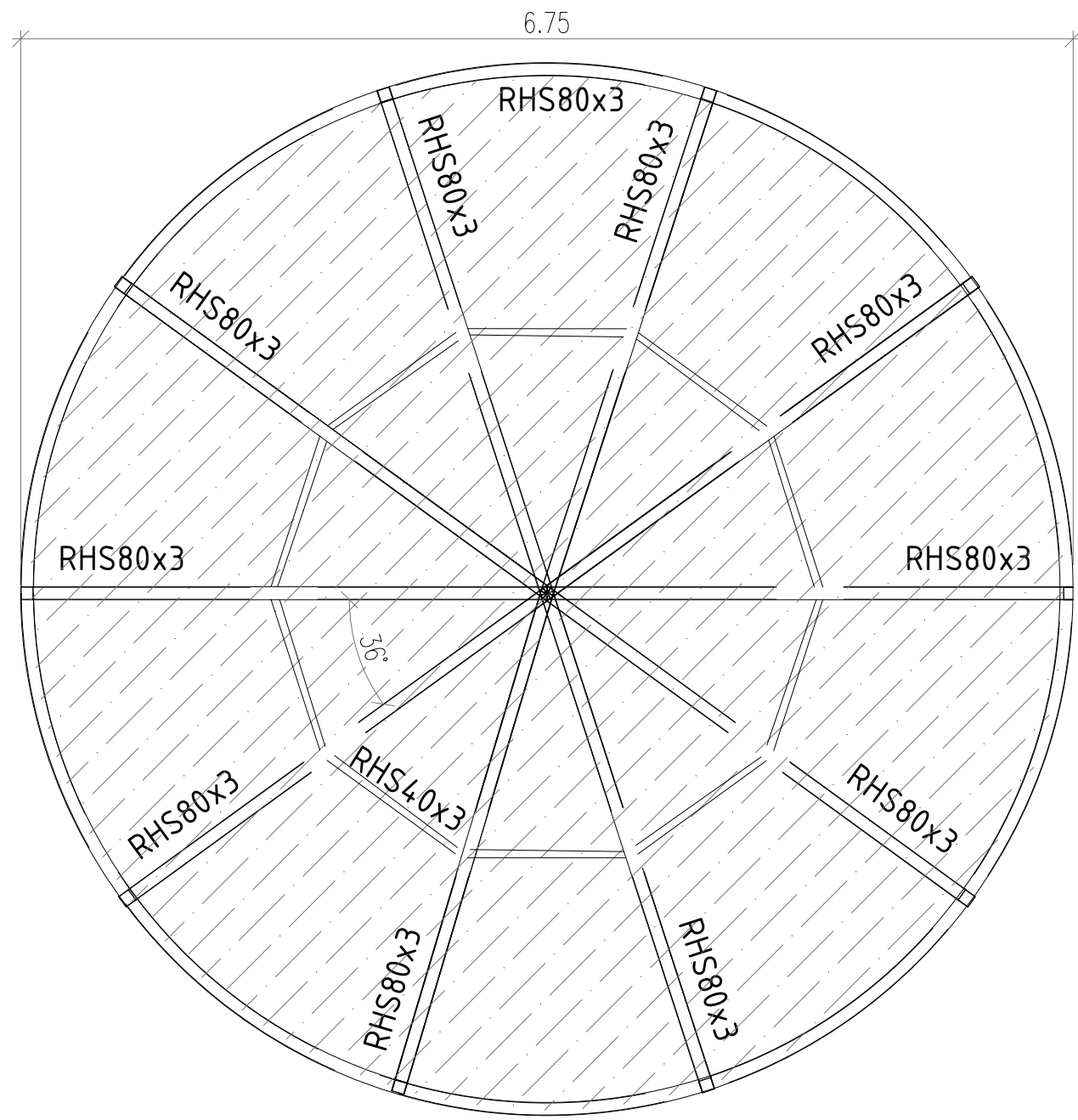
PLOT NO		: 413	
DISTRICT		: IRBID	
BASIN		: 40 ALMUSRIB ALSHAMALIJI	
REV. MARK	DATE	MADE BY	REMARKS
CLIENT		NATIONAL CENTER FOR DIABETES ENDOCRINOLOGY AND GENETICS	
M P	MADI & PARTNERS CONSULTING ENGINEERS		
C E	TEL.5829640-5829641 FAX.5829642 e-mail : mpce@index.com.jo		
PROJECT	NATIONAL DIABETES AND ENDOCRINOLOGY CENTER BUILDING IN IRBID CITY		
DRG. TITLE	FIRE ROOM AND FIRE TANK & WASTE ROOM STRUCTURAL DETAILS		
DRAWN BY : ST.TEAM		SCALE: AS SHOWN	
DESIGNED BY : ST.TEAM		DATE : DEC. - 2023	
CHECKED BY : H.A.		PROJECT NO.	DRAWING NO.
APPROVED BY: H.A.		S-23	

NOTES:
-STEEL S235
-ALL WELD SHALL NOT BE LESS THAN 4mm
OR MINIMUM.
-ALL DIMENSIONS ARE APPROXIMATE AND
ACTUAL DIMENSION SHALL FIT OPENINGS.
-ALL CONNECTIONS AND FIXATIONS SHALL BE
SEALED AND WATER TIGHT.
LEXAN CONNECTIONS AND FIXATIONS ARE
INDICATIVE.

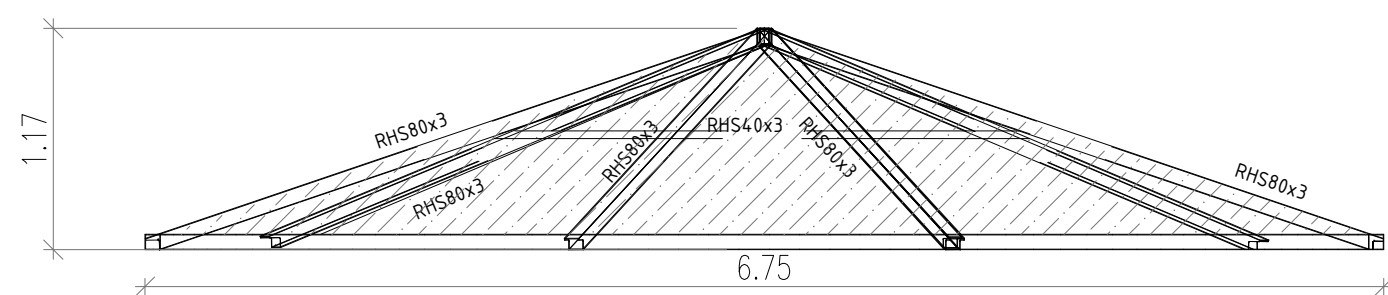
THE CONTRACTOR SHOULD CHECK THE
STRUCTURAL DESIGN AND SUBMIT SHOP
DRAWINGS SHOWING ALL DETAILS AND WELDING
SIZE TO BE APPROVED BY THE ENGINEER.



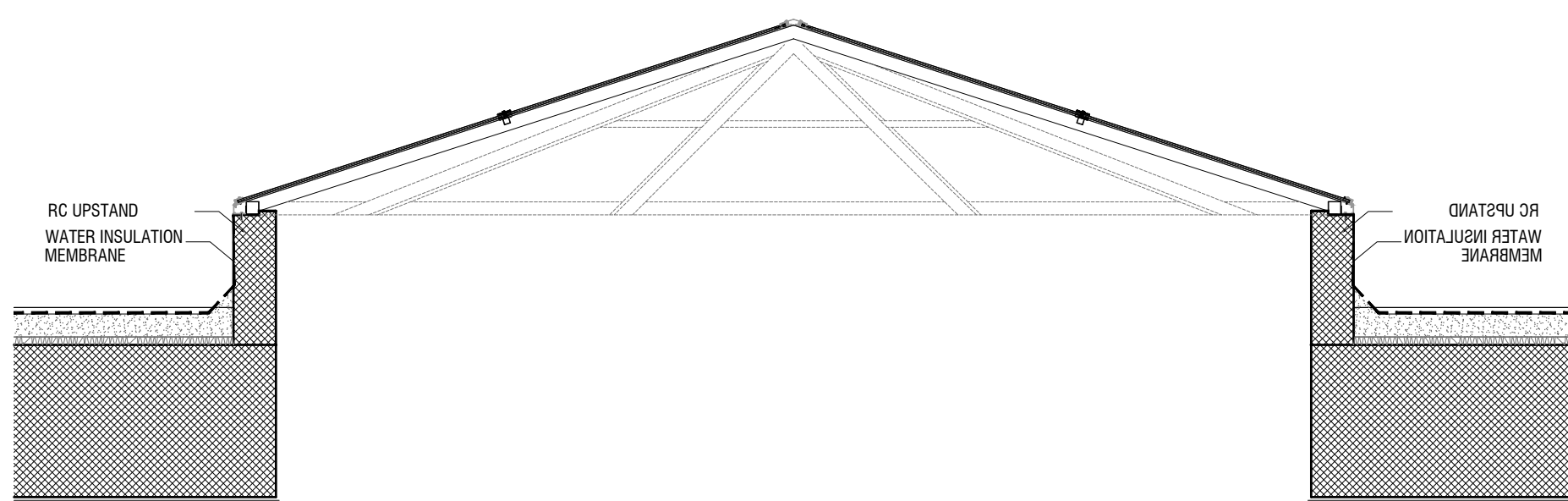
3D view



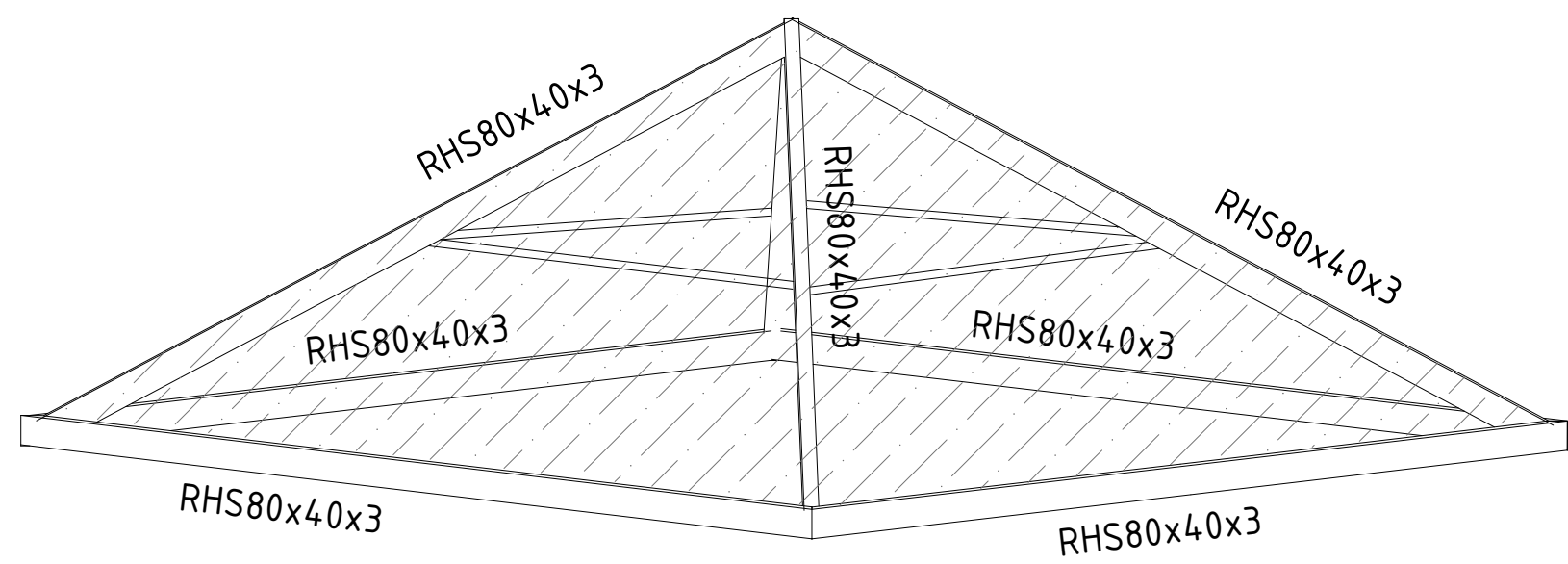
PLAN



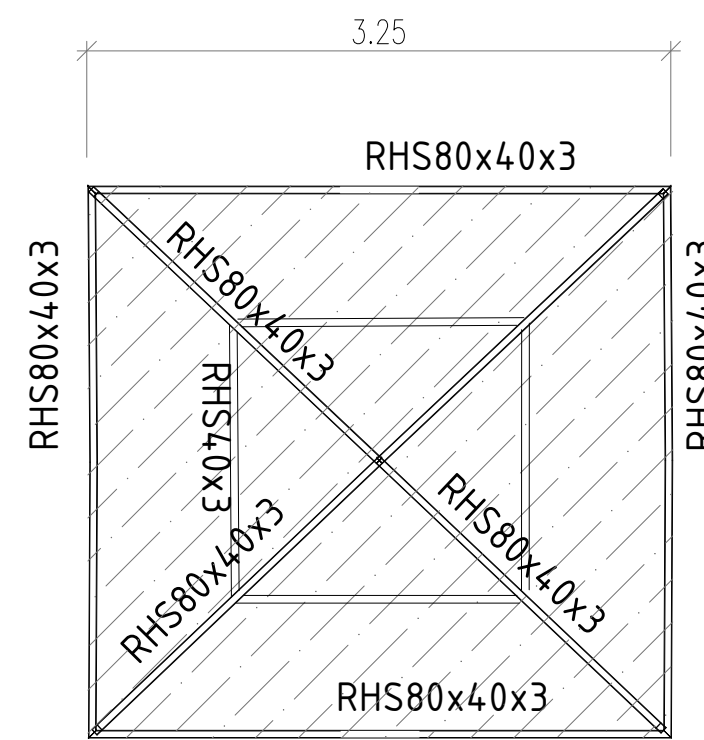
ELEVATION



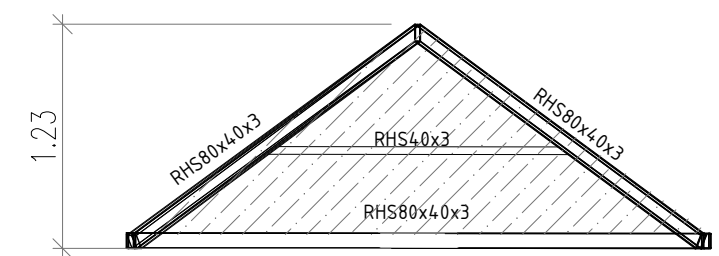
ELEVATION



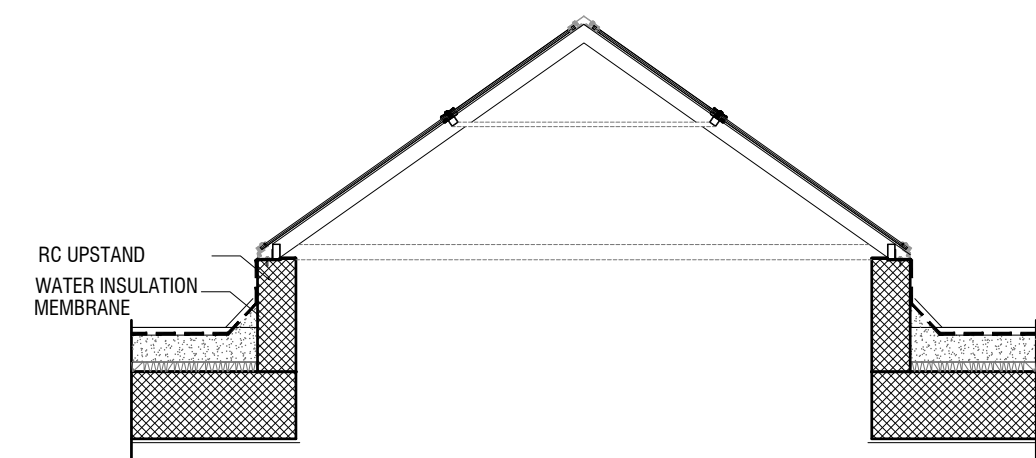
3D view



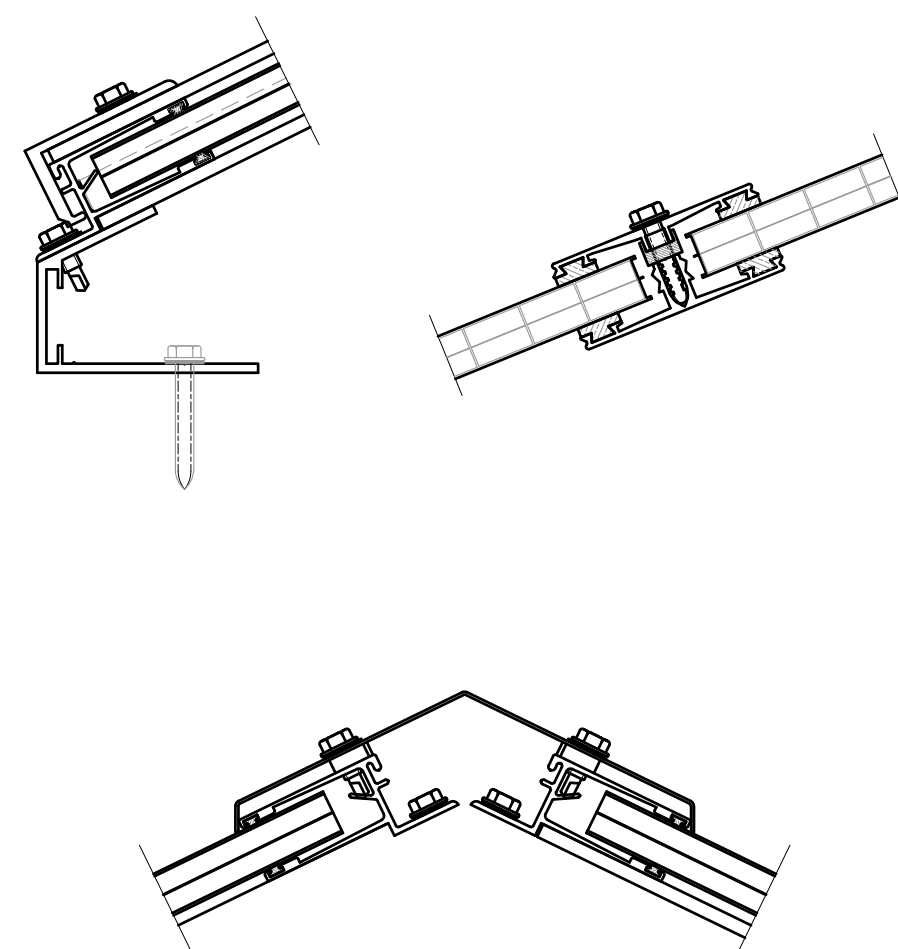
PLAN



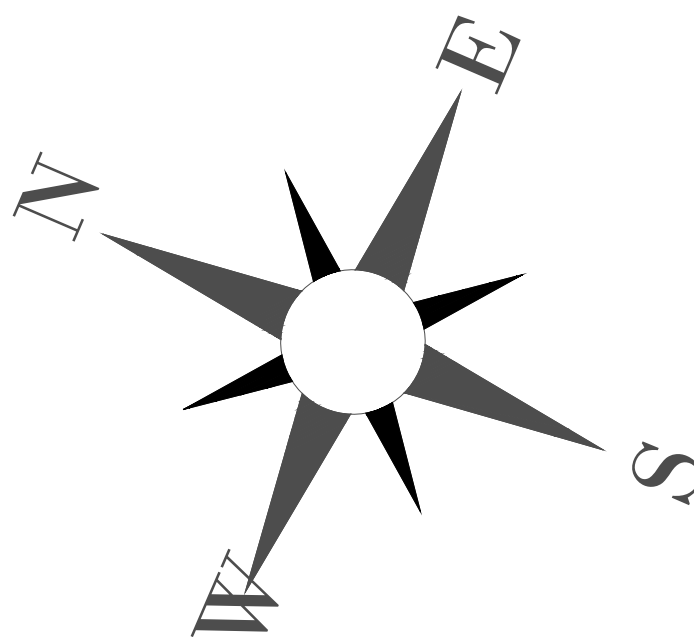
ELEVATION



ELEVATION



GENERAL LEXAN FIXATION DETAILS



NOTES:

PLOT NO		:		413	
DISTRICT		:		IRBID	
BASIN		:		40 ALMUSRIB ALSHAMALIJI	
EV. MARK	DATE		MADE BY	REMARKS	
CLIENT		NATIONAL CENTER FOR DIABETES ENDOCRINOLOGY AND GENETICS			
MPC CE		MADI & PARTNERS CONSULTING ENGINEERS TEL:5829640-5829641 FAX:5829642 e-mail : mpce@index.com.jo			
PROJECT		NATIONAL DIABETES AND ENDOCRINOLOGY CENTER BUILDING IN IRBID CITY			
DRG. TITLE		SKYLIGHT DETAILS			
DRAWN BY			:		ST.TEAM
SCALE:			N.T.S		
DESIGNED BY			:		M.Q
DATE			: DEC.-2023		
CHECKED BY			:		O.A
PROJECT No.			DRAWING No.		
APPROVED BY			:		H.A.
			S-24		