

## Code of Practice

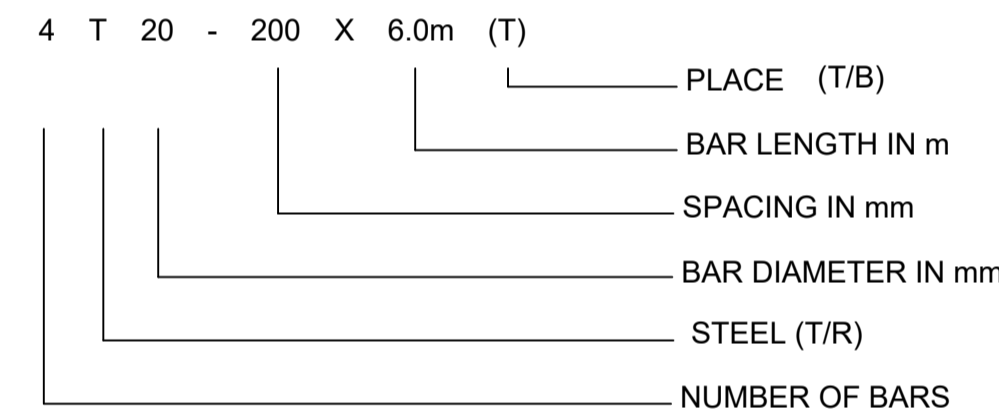
Design, detailing and workmanship shall be according to the Jordanian Code for Plain and Reinforced Concrete JBC5-93 and ACI codes.

## Drawings

- Structural drawings shall be read in conjunction with Architectural, Mechanical and Electrical drawings.
- Sleeves and openings smaller than 200X200 mm are not shown on the Structural drawings. For required openings refer to Architectural, Mechanical and Electrical drawings.
- Contractor shall prepare working drawings and bar bending schedules for reinforcement in a format agreed with the engineer.
- Drawings are not necessarily to scale.
- Chamfers for fair faced concrete are not shown on Structural Drawings. Reference should be made to Architectural details for such purpose.

## Notation

T	TOP BARS
B	BOTTOM BARS
BOF	BOTTOM LEVEL OF FOOTING
T.O.F	TOP LEVEL OF FOOTING
EF	EACH FACE
EW	EACH WAY
S	STIRRUPS
T	HIGH YIELD BARS FOR MAIN STEEL
R	HIGH YIELD BARS FOR STIRRUPS
R.F	RAFT FOUNDATION
S.S	SOLID SLAB
S.O.G	SLAB ON GRADE
S.S.L	TOP LEVEL OF STRUCTURAL SLAB
EXP. J.	EXPANSION JOINT
C1	COLUMN NUMBER 1
B1	BEAM NUMBER 1
F1	FOOTING NUMBER 1
NTS	NOT TO SCALE
TYP	TYPICAL
T&B	TOP AND BOTTOM



## Reinforced Concrete

Compressive strength of concrete,  $f_{cu}$ , as defined by a standard 150mm cube at 28 days shall be:

- 30 MPa : for slabs, all beams & foundations, retaining walls, and site structures
- 35 MPa: for columns, building internal and basement walls, shear walls & water tank.
- 20 MPa: for slabs on grade, Cyclopean & Mass concrete.
- 15 MPa: for blinding.

Cement content shall be determined by design mix to approved: by the consultant and shall not be less than:

- 15 MPa : 220kg/m<sup>3</sup>
- 20 MPa : 275kg/m<sup>3</sup>
- 30 MPa : 300kg/m<sup>3</sup>
- 35 MPa : 325kg/m<sup>3</sup>

Water-Cement ratio shall be not more than:

- 15 MPa : 1.0
- 20 MPa : 0.75
- 30 MPa : 0.60
- 35 MPa : 0.55

Cement:

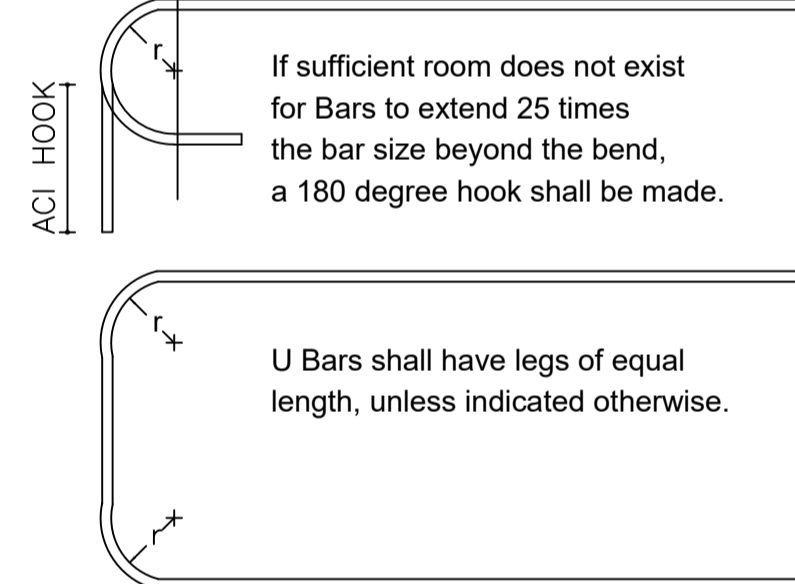
Ordinary portland cement shall be used for reinforced and unreinforced concrete elements.

## Lintels

LEVEL WIDTH	SCHEDULE OF LINTELS REINFORCEMENT								DEPTH d
	b=100mm		b=150mm		b=200mm		b=300mm		
CLEAR SPAN (m)	TOP REINF.	BOTTOM REINF.	TOP REINF.	BOTTOM REINF.	TOP REINF.	BOTTOM REINF.	TOP REINF.	BOTTOM REINF.	
< 2.0	1Y10	1Y12	2Y10	2Y12	2Y10	2Y12	3Y10	3Y12	200
2.0-3.0	1Y10	1Y16	2Y10	2Y16	2Y10	2Y16	3Y10	3Y16	250
3.0-3.5	1Y10	1Y20	2Y10	2Y20	2Y10	2Y20	3Y10	3Y20	300

## Radii of Bending

Minimum Radius of Bend for Top Bars at Support and U Bars shall be as follows. For other bars, minimum radius of bend shall equal to 2 times bar size for Mild Steel and 3 times bar size for High-yield Steel.



BAR DIAMETER (mm)	MINIMUM r (mm)
8	51
10	66
12	81
14	98
16	115
18	134
20	153
22	175
25	205
32	287

## Foundations

The footings are designed on bearing Capacity equal to 180 kPa; in accordance with Geotechnical Investigation Report No. S170000158 Prepared by the Arab Center For Engineering Studies (9, DECEMBER, 2017) The Contractor shall ensure that the foundation layer possesses this allowable capacity.

building foundations should be laid directly on the Interbedded and/or Marly Caly and/or Chalky to Clayey Marl/Marlstone Material. These foundation grounds are suitable to support the imposed loads for any shallow foundation

system such as individual footings with tie beams, strip footing and/or raft foundations. Regardless, the foundations should never be laid on the existing fill and buried topsoil/ topsoil material.

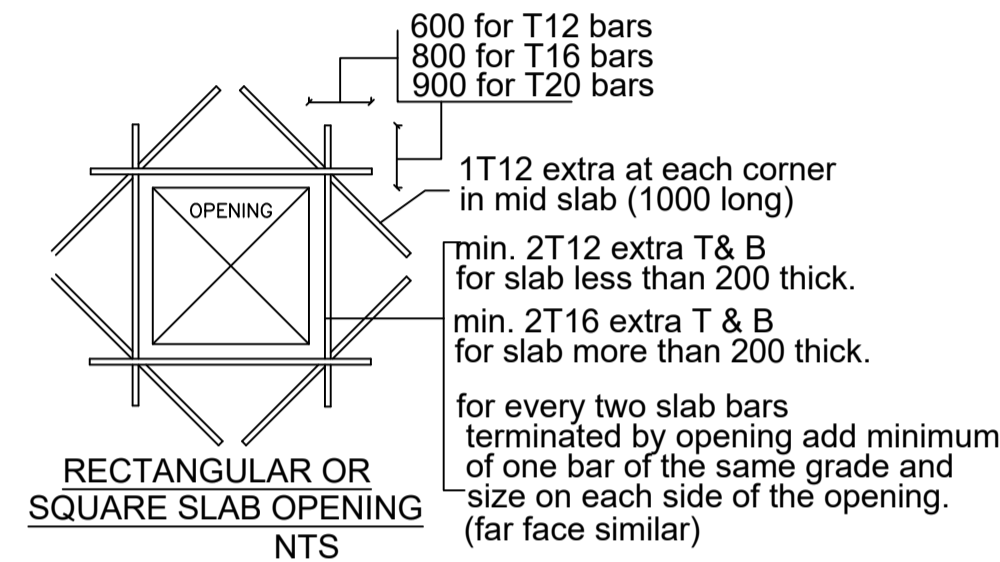
Contractor shall verify the bearing capacity and the depth of foundation before construction. If any variation or undesirable conditions are encountered during construction geotechnical company should be notified.

- Backfilling in front and behind retaining walls shall be done simultaneously.
- Do not backfill against building foundation and retaining walls until restraining slabs and adequate bracing are in place. all backfill shall be placed and compacted in accordance with specifications.
- Do not backfill against concrete cantilever retaining walls until concrete has attained its specified 28-day compressive strength  $f_{cu}$ . all backfill shall be placed and compacted in accordance with the specifications.

## Reinforcement

- All reinforcing bars shall be deformed high strength steel bars of Characteristic Strength equal to:  $f_y=420$  MPa. for main steel & stirrups denoted by T&R
- Reinforcement shall comply with Jordanian standards
- Reinforcement shall be placed as shown on the drawings and in the lengths specified.
- Where bar length is not specified, longest practicable bar length shall be employed with staggered lap splices. Lap length shall be 55 times bar diameter.
- Bar crank shall not exceed 1:12.
- Beam reinforcement in multiple layers shall have 25mm spacer bars.

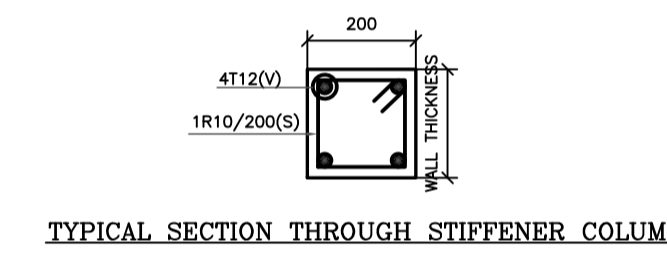
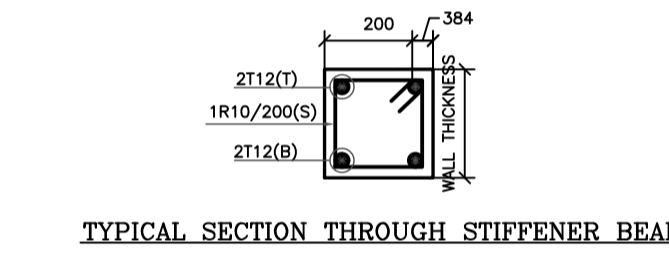
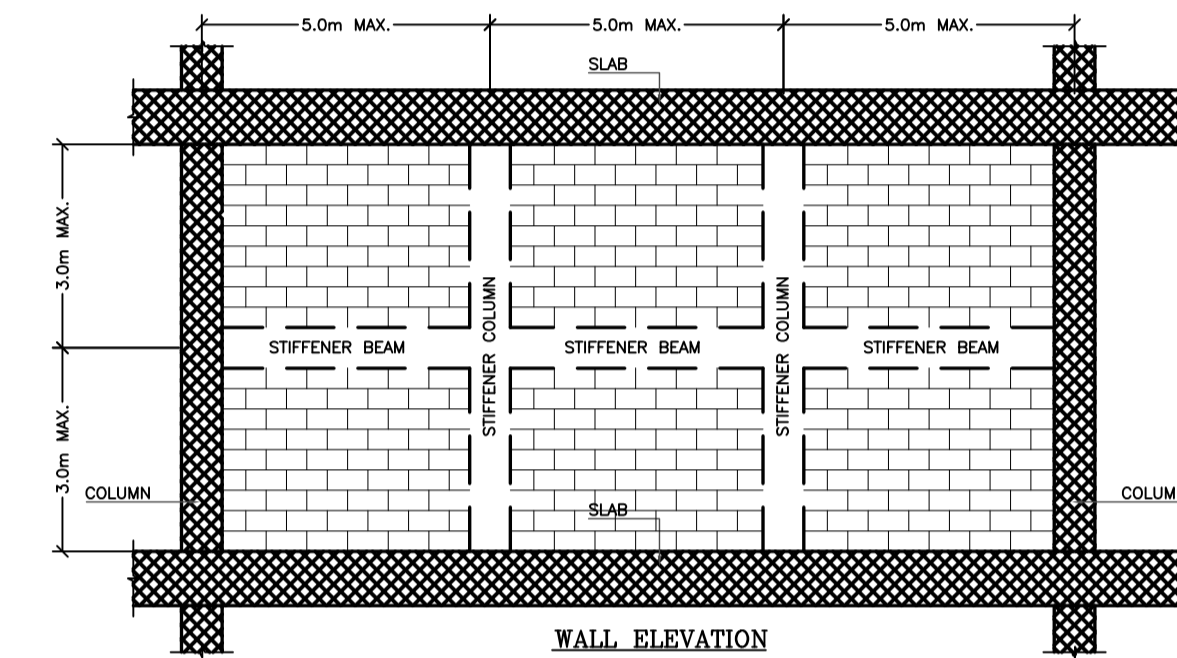
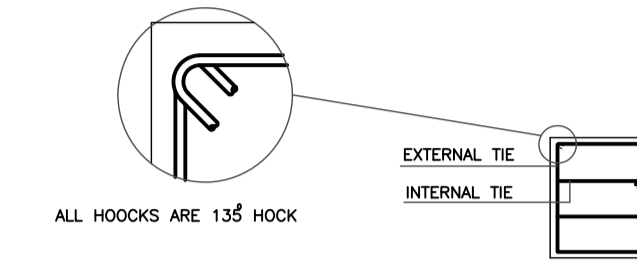
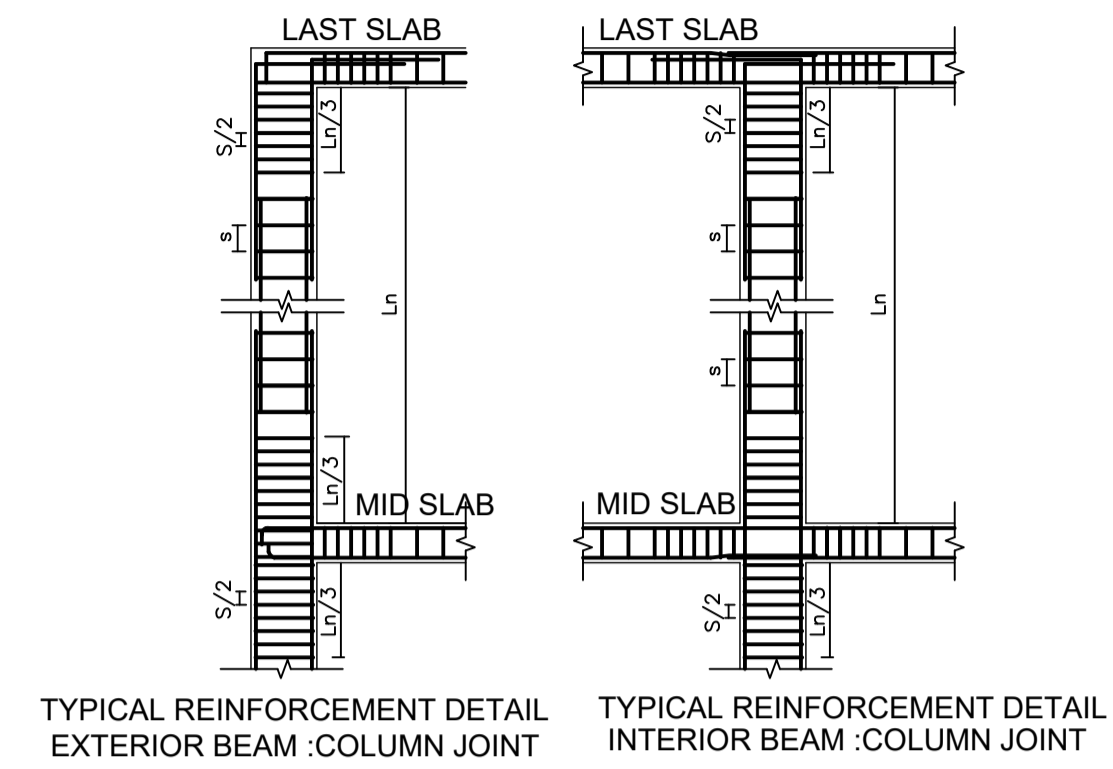
## OPENINGS in SLABS DETAIL



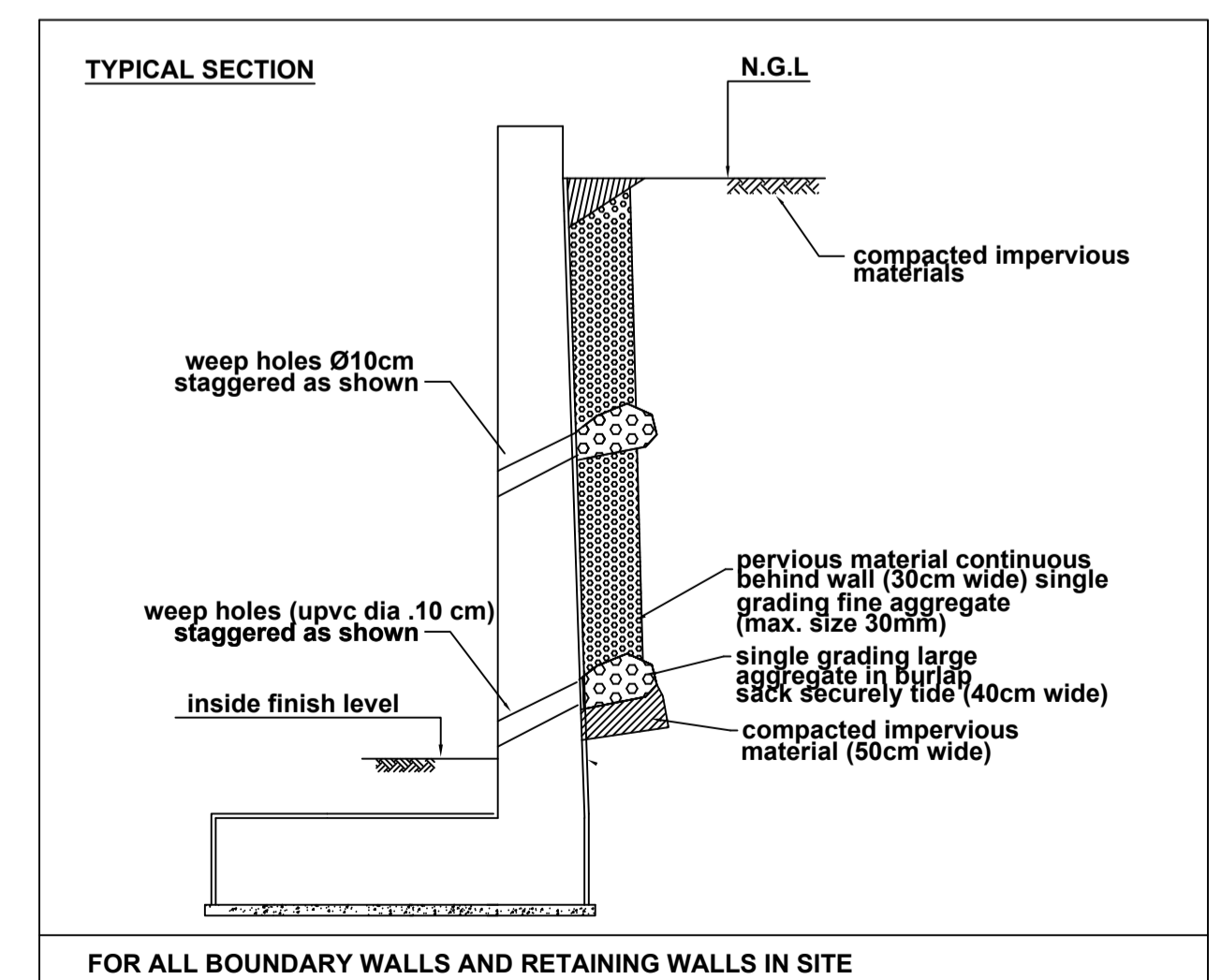
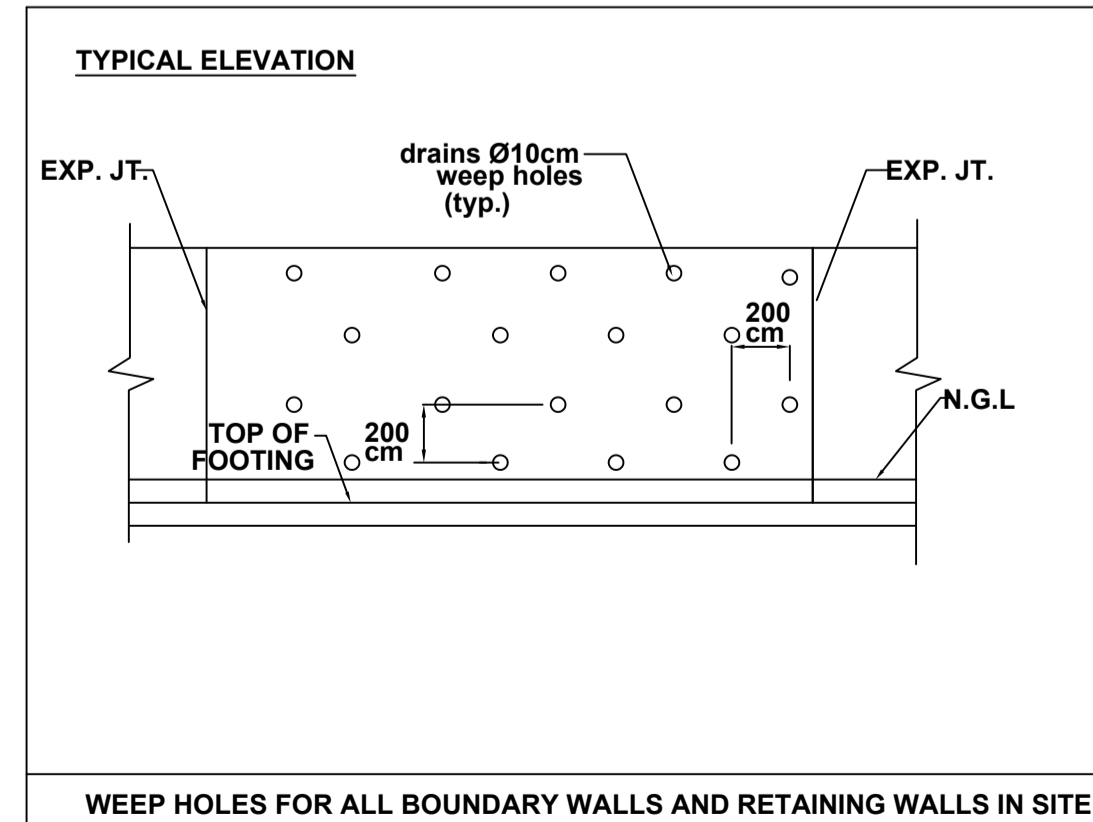
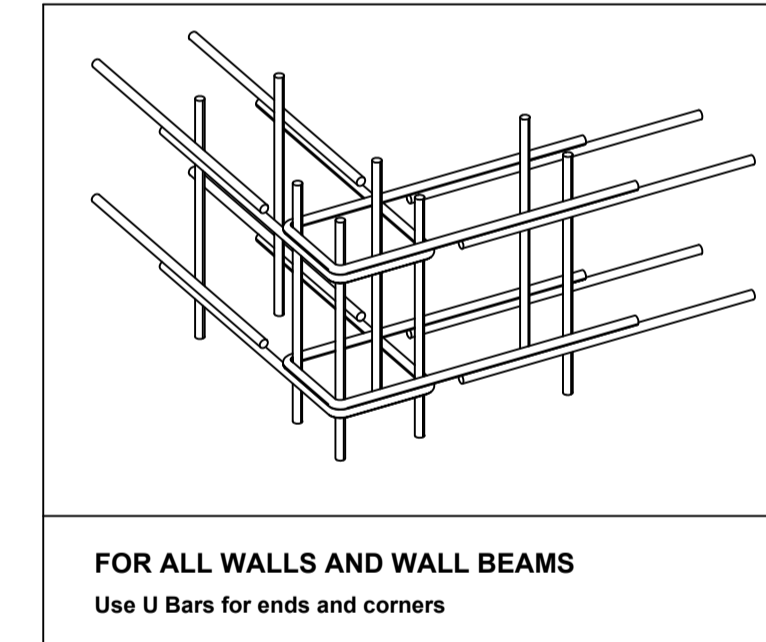
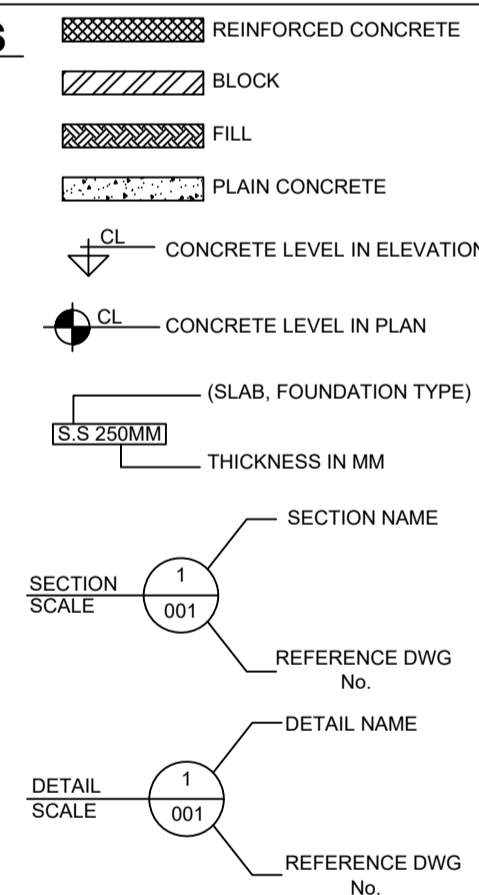
### NOTES:

- for openings less than 200 x 200 (or 200 dia. regular reinforcing bars to be re-arranged around the opening.
- for openings greater than 200 x 200 (or 200 dia.) & equal or less than 1000x1000 use above details unless additional trimming bars are shown on the plan.
- where an opening edge aligns with the side of a beam - omit the additional bars shown, from that edge.
- similar details apply for hexagonal and octagonal openings.

## DETAILS



## SYMBOLS



## Earthquake Resistance

Earthquake Resistance Design is in accordance with Jordanian seismic code Zone 2B. Lateral Stability is provided by Shear Walls and Shear Cores. Importance factor I=1 and soil Profile is as given in soil report.

## Dead Loads and Material Own Weights:

REINFORCED CONCRETE	24 kN /m <sup>3</sup>
STRUCTURAL STEEL	78.5 kN /m <sup>3</sup>
CONCRETE BLOCK	16.5 kN /m <sup>3</sup>
SATURATED SOIL	20 kN /m <sup>3</sup>
CERAMIC TILE	0.80 kN /m <sup>2</sup>

## LIVE LOADS

According to Jordanian Code of Loads and Forces, 2006. Live loads for educational building.

## Future Expansion

Building Designed for a total of 4 stories. (One Additional Floor)

## Cover

Clear concrete cover to reinforcement shall be:

- 70 mm for concrete in contact with soil or blinding.
- 50 mm for concrete surface in contact with water.
- 40 mm for external basement walls.
- 40 mm for concrete columns and beams.
- 25 mm for concrete slabs, stairs and walls.

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NOTES:

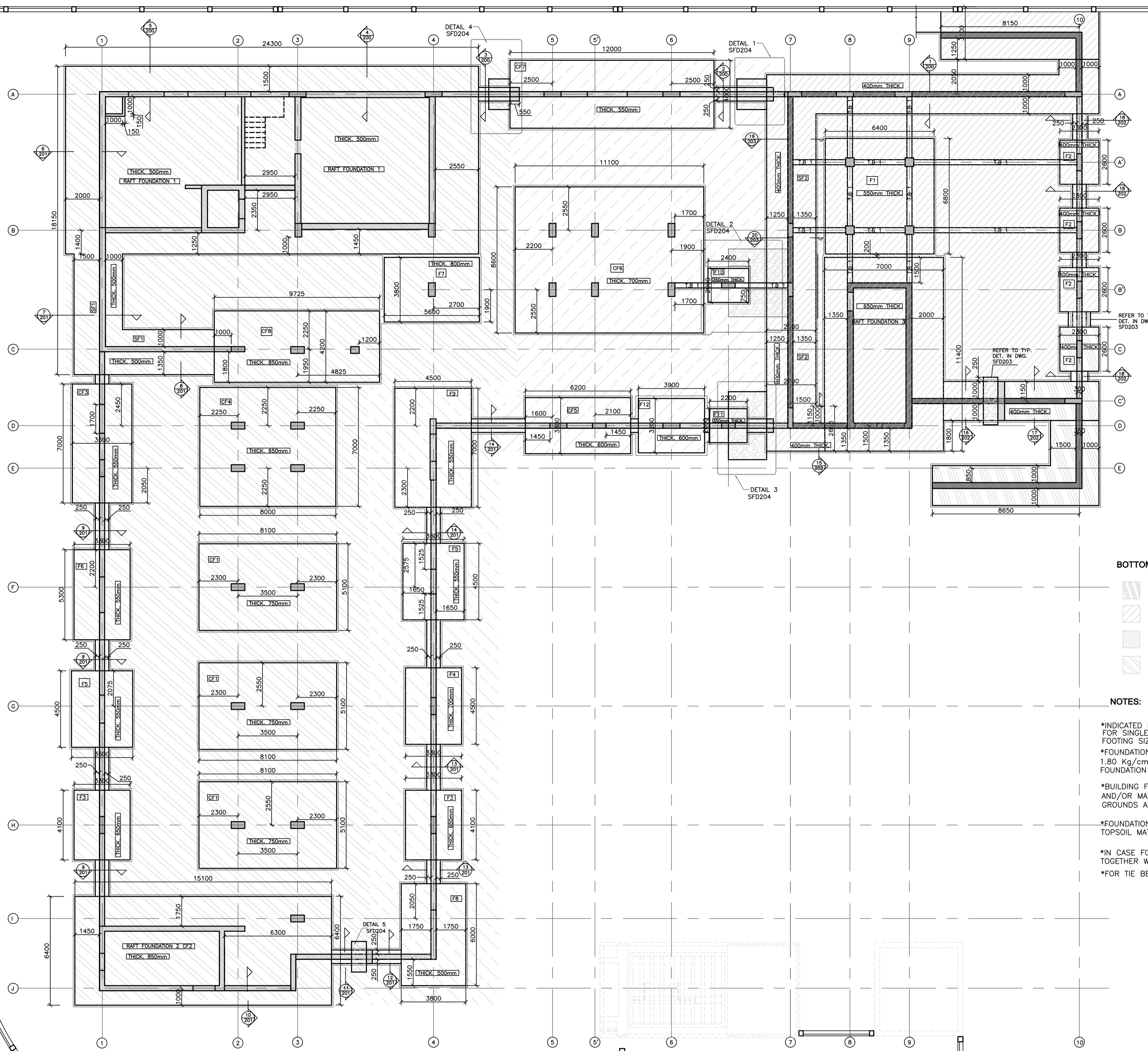


PHASE III	HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)
PACKAGE 2	SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME: STRUCTURAL NOTES

DESIGN: A.KH.	DRAWN: CAD	CHECKED: R.K
SCALE:	DATE: June 2019	APPROVED:

PLOT No: 99	LOCATION: AL NABI HOOD	BASIN NO: 003-AL HAMRA	DRAWING NUMBER: SKEP-16-SG001	Rev.: 0
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SITE BOUNDARY WALL

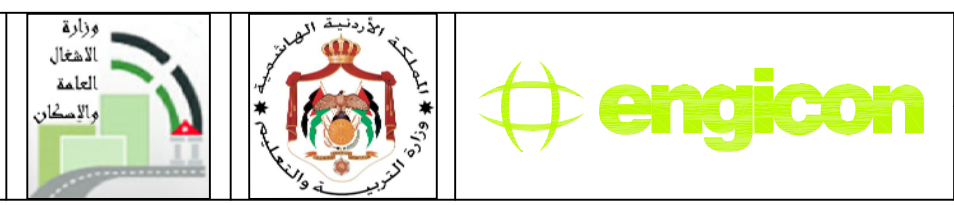
- BOTTOM OF FOUNDATIONS LEGEND:**
- B.O.F AT 105.75
  - B.O.F AT 106.6
  - B.O.F AT 110.0
  - B.O.F AT 111.0

- NOTES:**
- \*INDICATED HATCH NOT REPRESENTING EXCAVATION AREAS. FOR SINGLE AND CONTINUOUS FOOTING EXCAVATION AREA IS FOOTING SIZE PLUS WORKING SPACE.
  - \*FOUNDATIONS DESIGNED ACCORDING TO BEARING CAPACITY OF 1.80 Kg/cm<sup>2</sup>. THE CONTRACTOR SHOULD ENSURE THAT THE FOUNDATION LAYER POSSESSES THIS ALLOWABLE CAPACITY.
  - \*BUILDING FOUNDATIONS SHOULD BE LAID DIRECTLY ON THE INTERBEDDED AND/OR MARLY CALY AND/OR CHALKY TO CLAYEY MARL/MARLSTONE MATERIAL. THESE FOUNDATION GROUNDS ARE SUITABLE TO SUPPORT THE IMPOSED LOADS FOR FOUNDATION.
  - \*FOUNDATIONS SHOULD NEVER BE LAID ON THE EXISTING FILL AND BURIED TOPSOIL/ TOPSOIL MATERIALS.
  - \*IN CASE FOUNDATION LAID ON TWO DIFFERENT MATERIAL, FOUNDATION SHOULD BE TIED TOGETHER WITH TIE BEAMS CONSTRUCTED AT FOUNDATION LEVEL.
  - \*FOR TIE BEAMS T.B 1 REFER TO DWG. SFD203.

FOUNDATION KEY PLAN  
N.T.S

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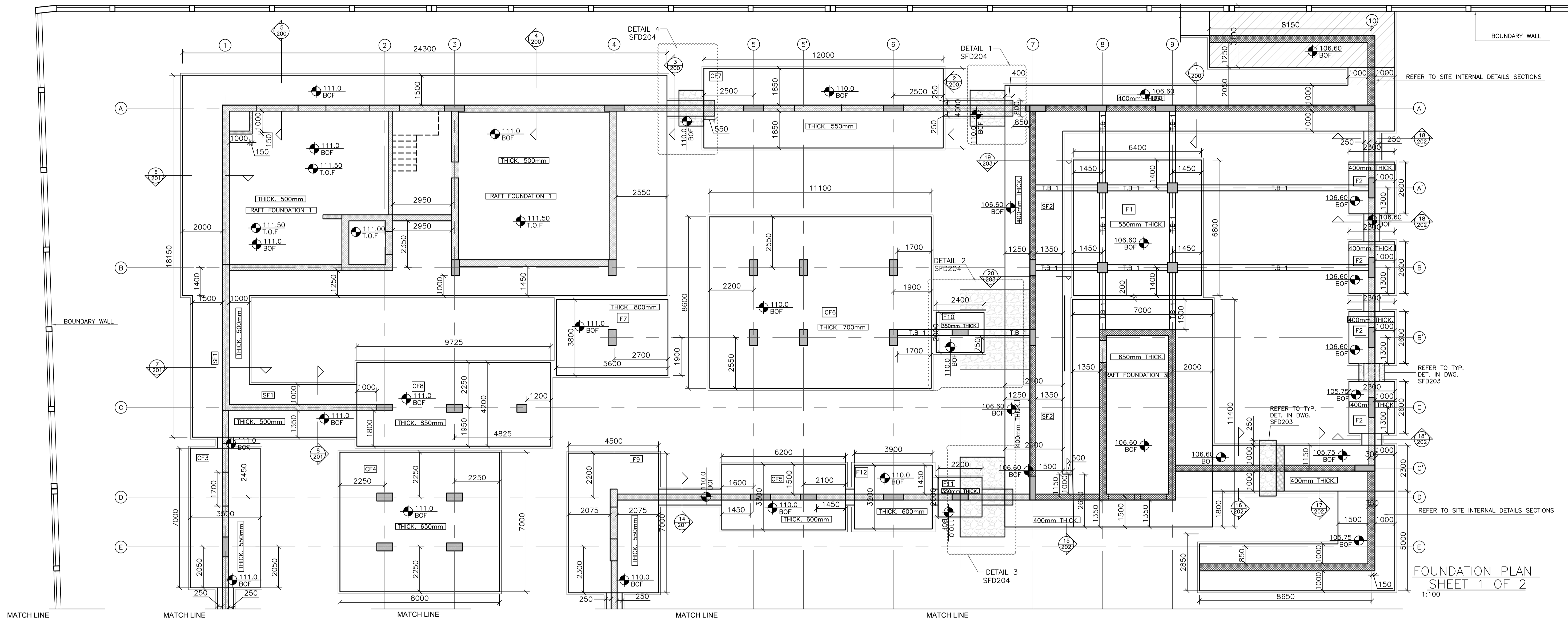
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PHASE III HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
PACKAGE 2 SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME: FOUNDATION KEY PLAN  
PLOT No: 99 LOCATION: AL NABI HOOD BASIN NO: 003-AL HAMRA

Design: M.N. Drawn: CAD Checked: North  
Scale: N.T.S Date: June 2019 Approved: W.Z. Rev: 0  
DRAWING NUMBER: SKEP 16- SFP100



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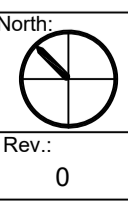
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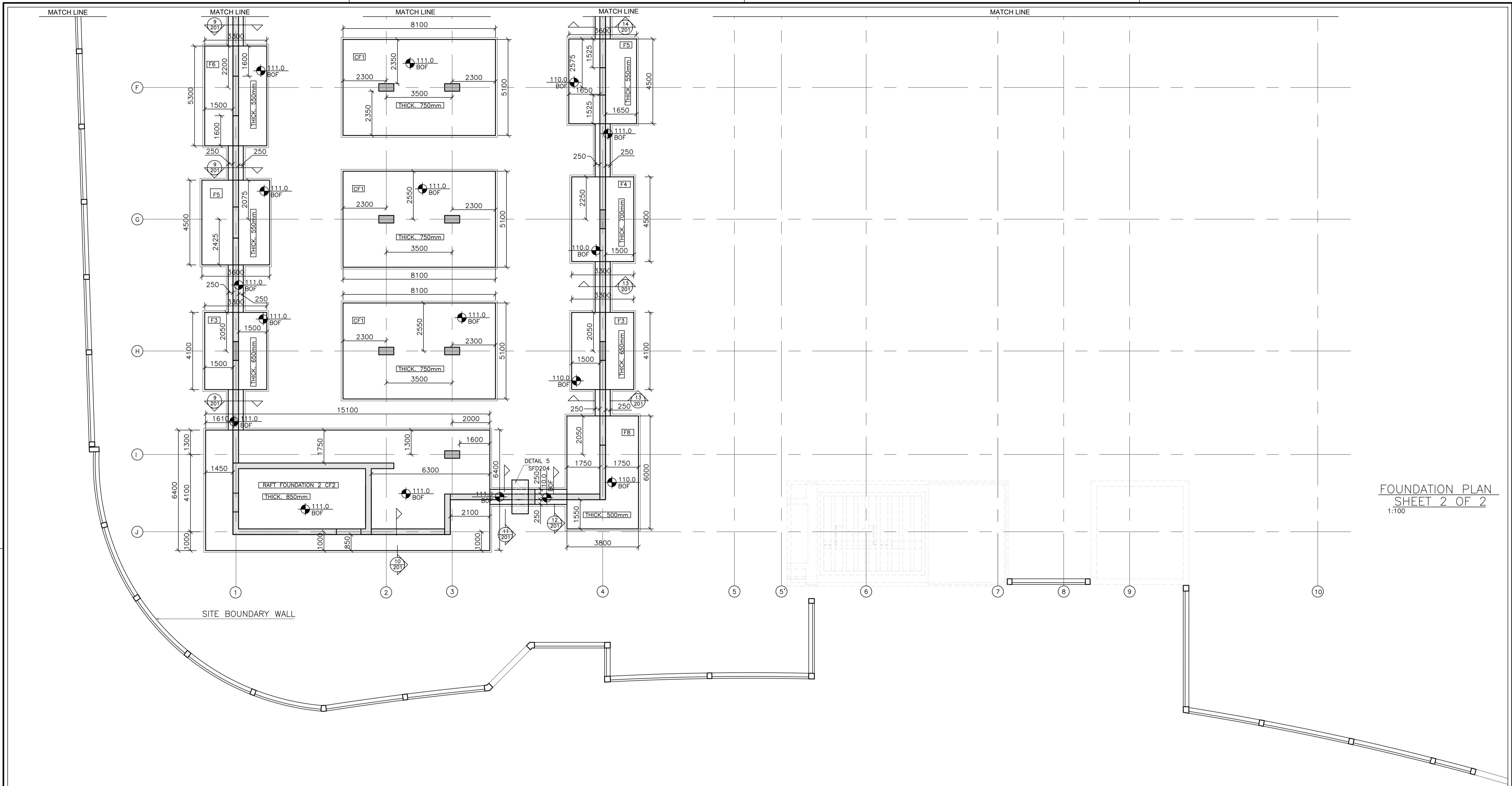


PHASE III HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
 PACKAGE 2 SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME: FOUNDATION PLAN SHEET 1 OF 2  
 Design: M.N. Drawn: CAD  
 Scale: 1:100 Date: June 2019  
 Checked: W.Z. Approved: W.Z.

PLOT No	LOCATION	BASIN NO	DRAWING NUMBER
99	AL NABI HOOD	003-AL HAMRA	SKEP 16- SFP101





FOUNDATION PLAN  
SHEET 2 OF 2  
1:100

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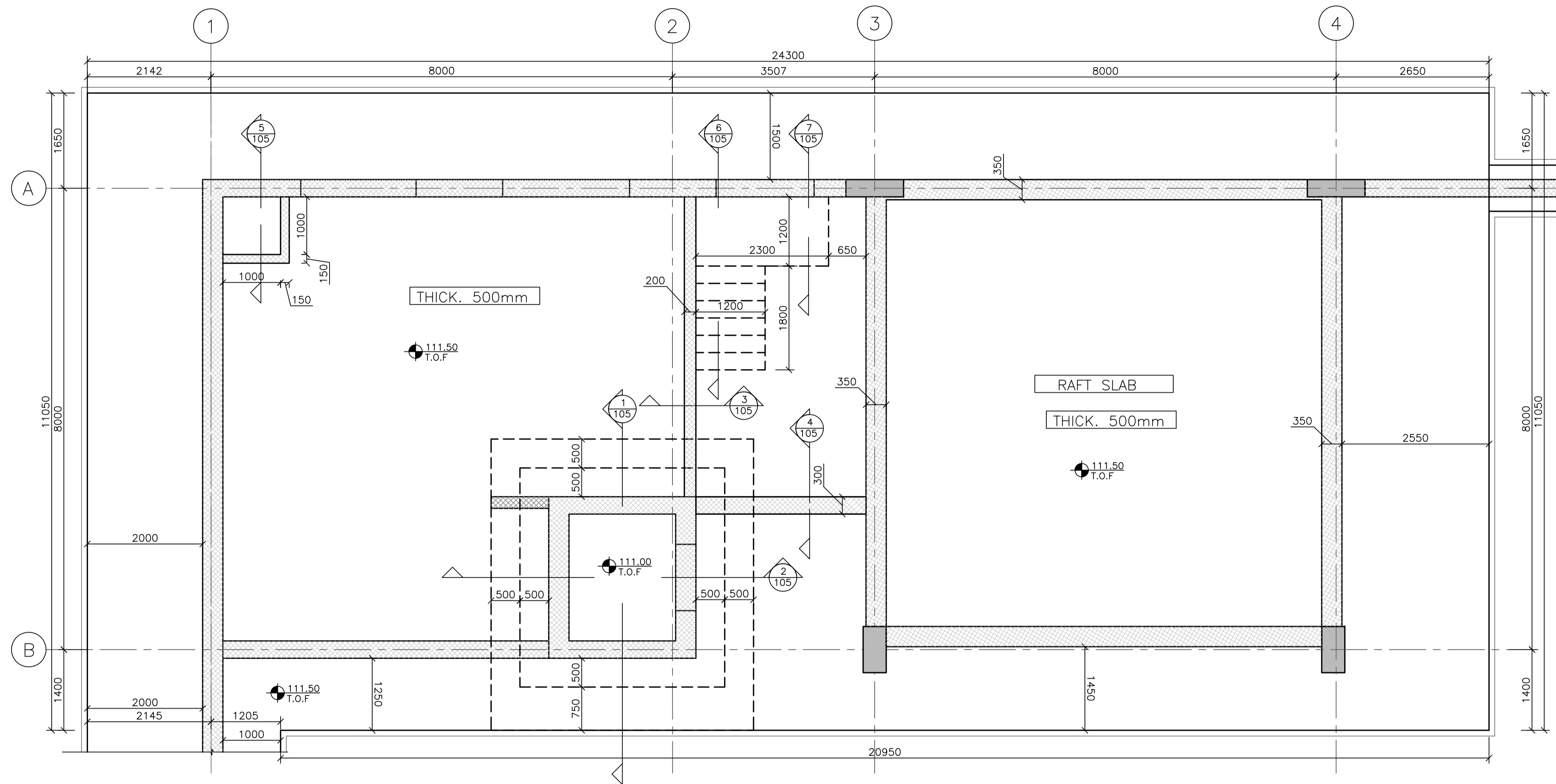
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PHASE III	HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)
PACKAGE 2	SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME:	FOUNDATION PLAN SHEET 2 OF 2
Design:	M.N.
Drawn:	CAD
Scale:	1:100
Date:	June 2019
Checked:	W.Z.
Approved:	

PLOT No	99	LOCATION	AL NABI HOOD	BASIN NO	003-AL HAMRA	DRAWING NUMBER:	SKEP 16- SFP102	Rev.:	0
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RAFT FOUNDATION 1 PLAN  
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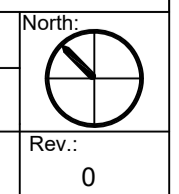
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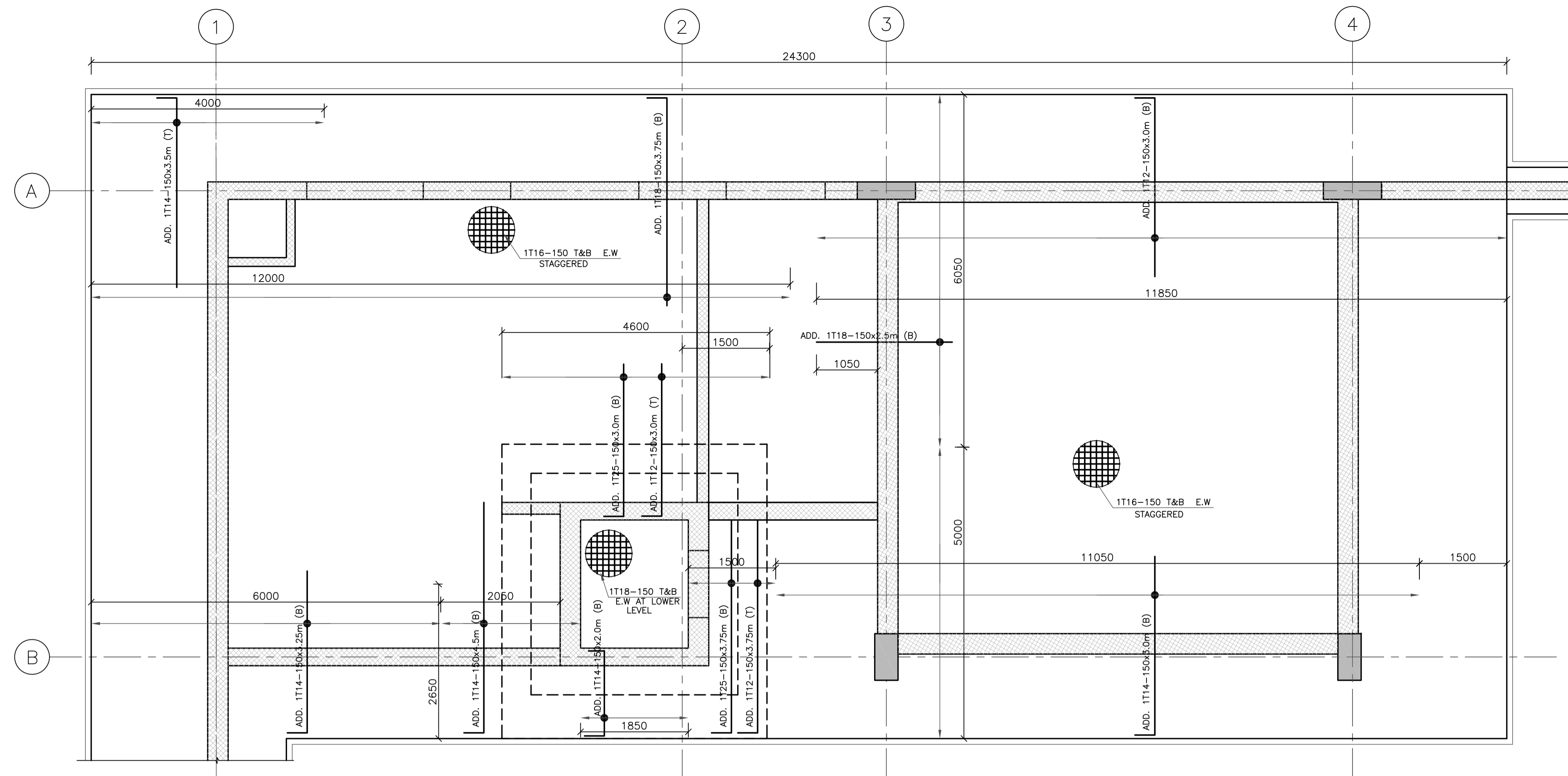


PHASE III  
PACKAGE 2  
HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

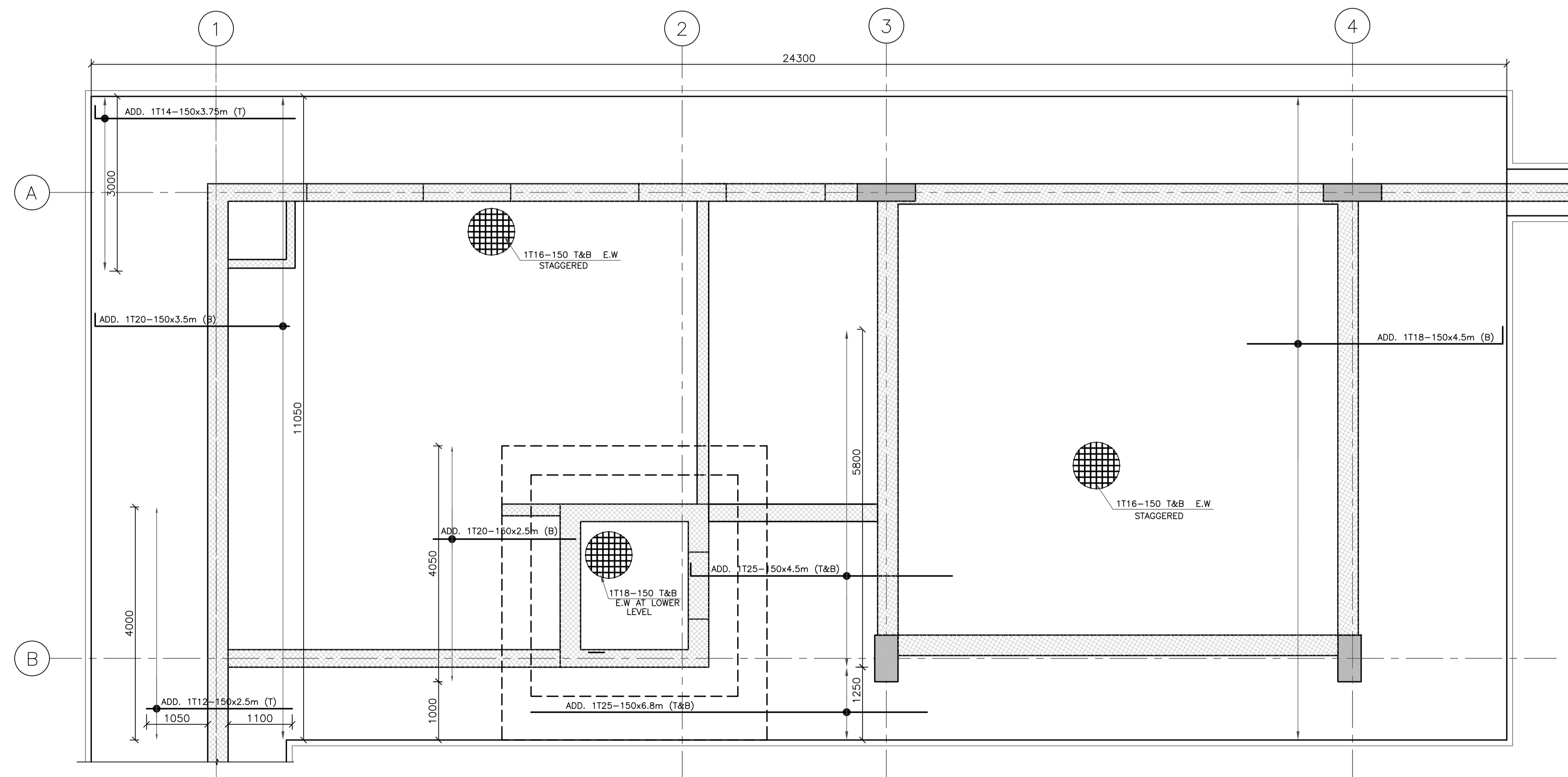
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PLOT No 99	LOCATION AL NABI HOOD	BASIN NO 003-AL HAMRA

DRAWING NUMBER: SKEP 16- SFP103		Rev.: 0
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RAFT REINFORCEMENT 1 IN Y-DIR.  
1:50



RAFT REINFORCEMENT 1 IN X-DIR.  
1:50

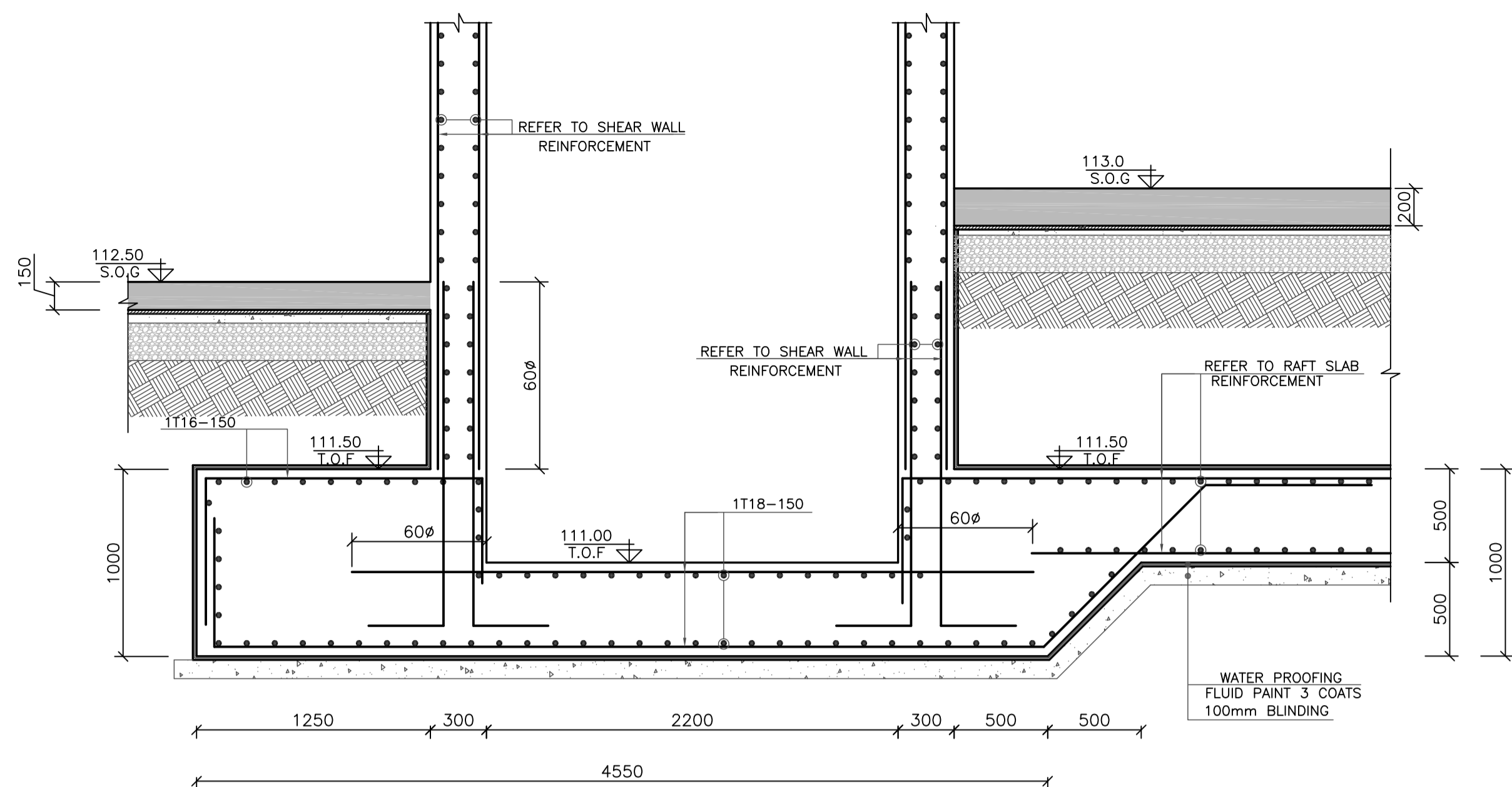
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0	June 2019	VOL. IV - TENDER DRAWINGS

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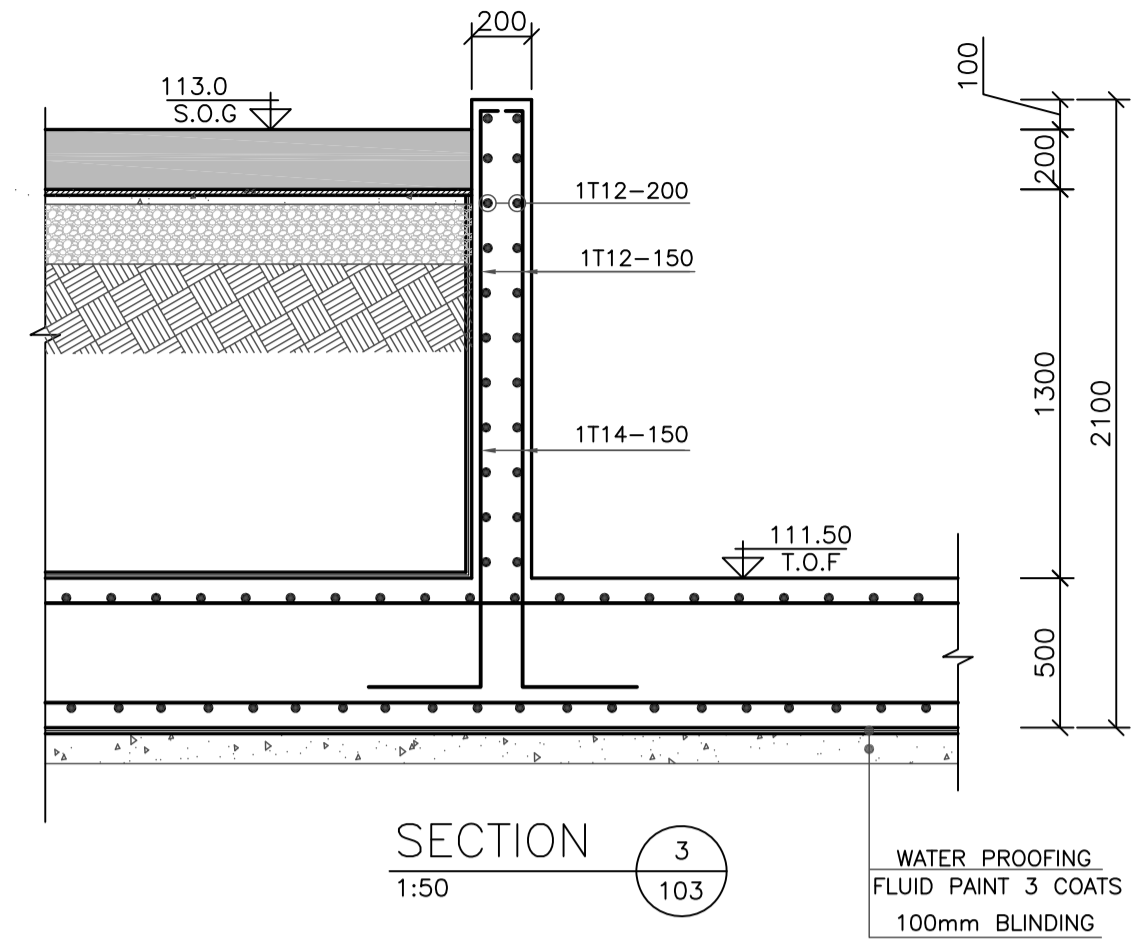


PHASE III  
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HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

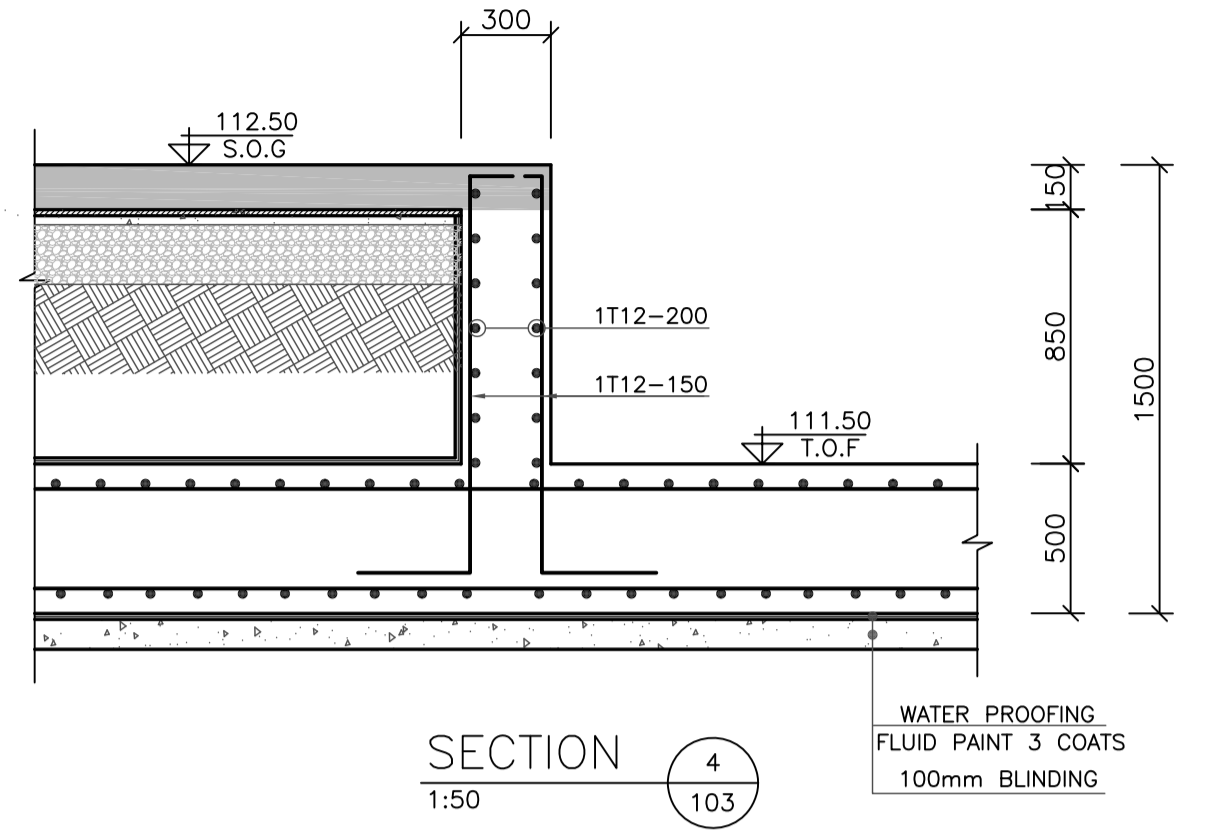
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LOCATION: AL NABI HOOD	BASIN NO: 003-AL HAMRA	DRAWING NUMBER: SKEP 16- SFP104			



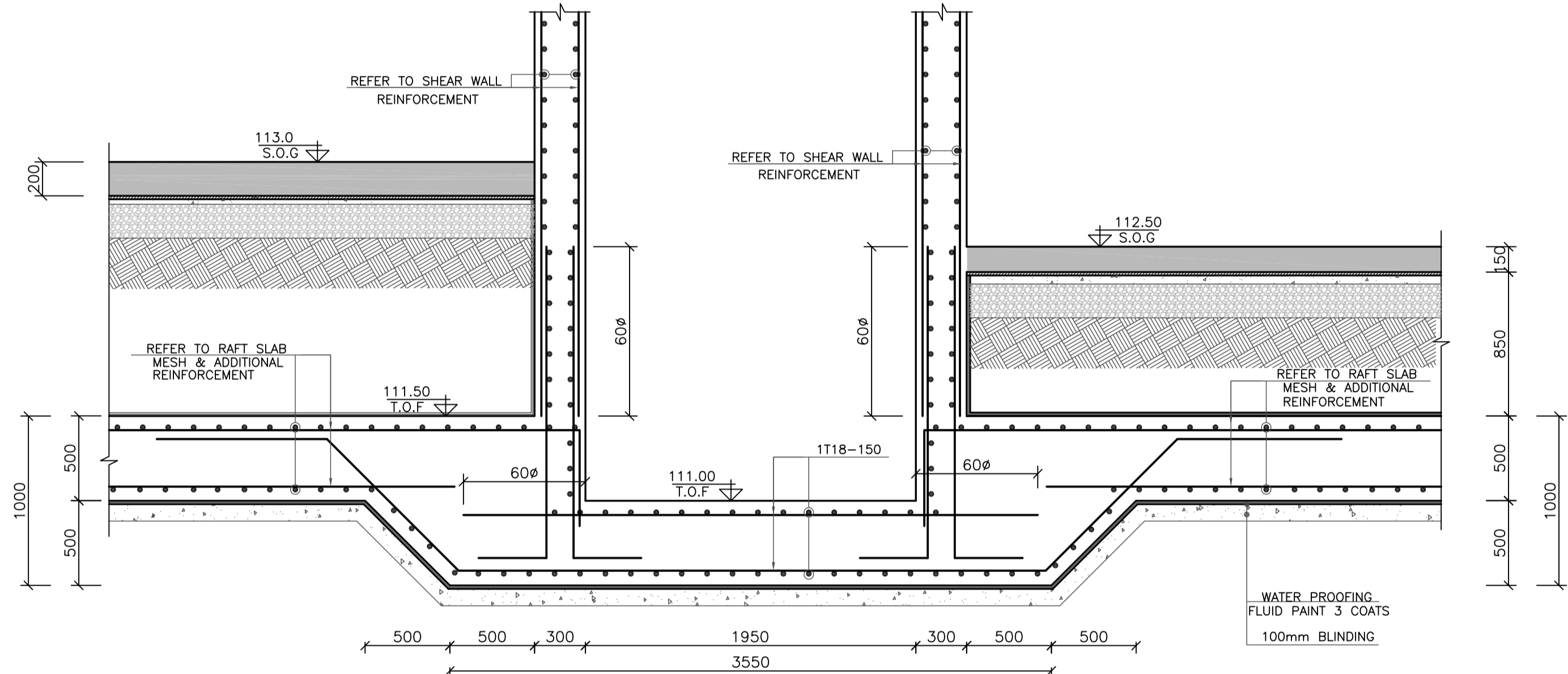
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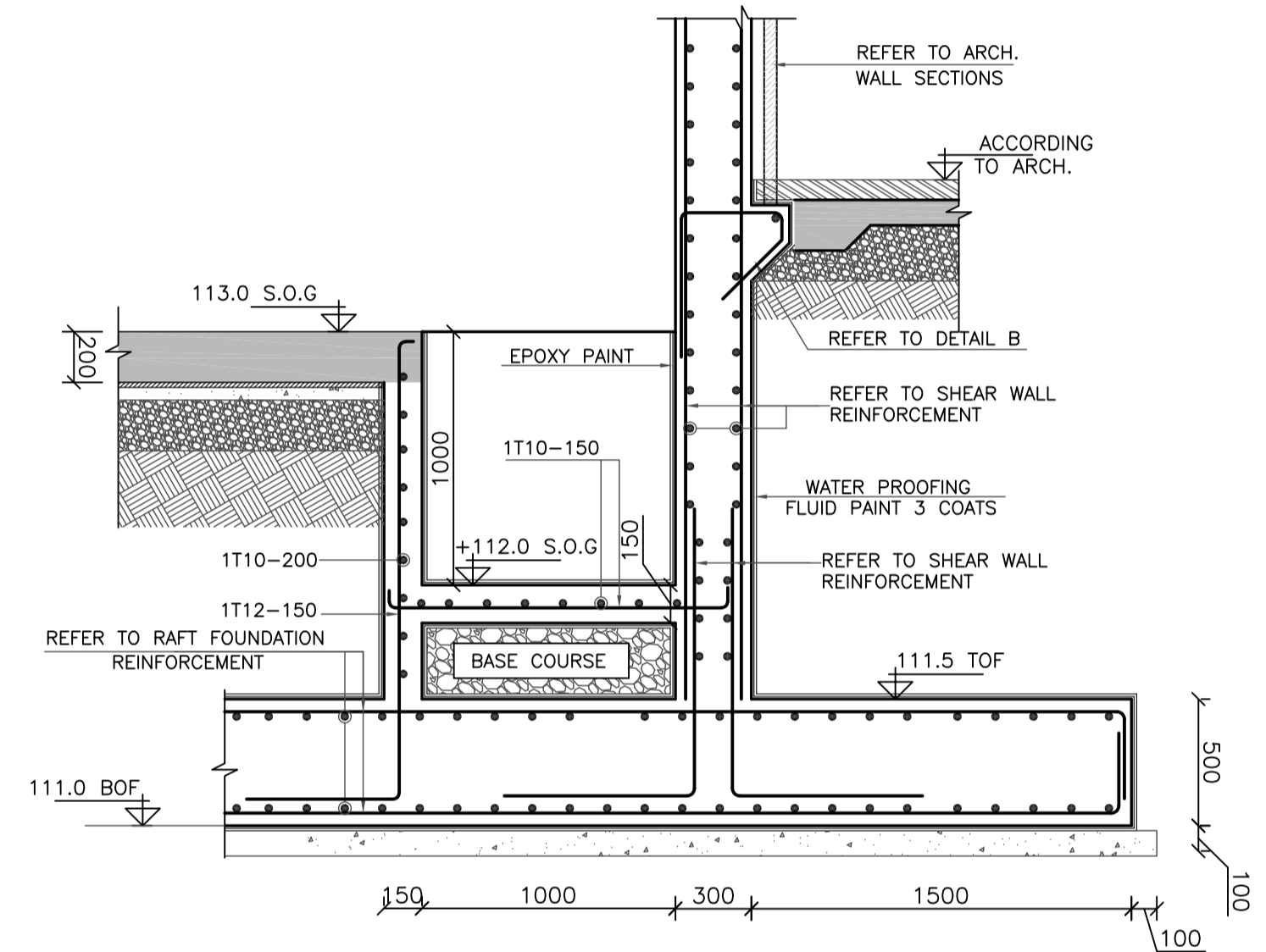
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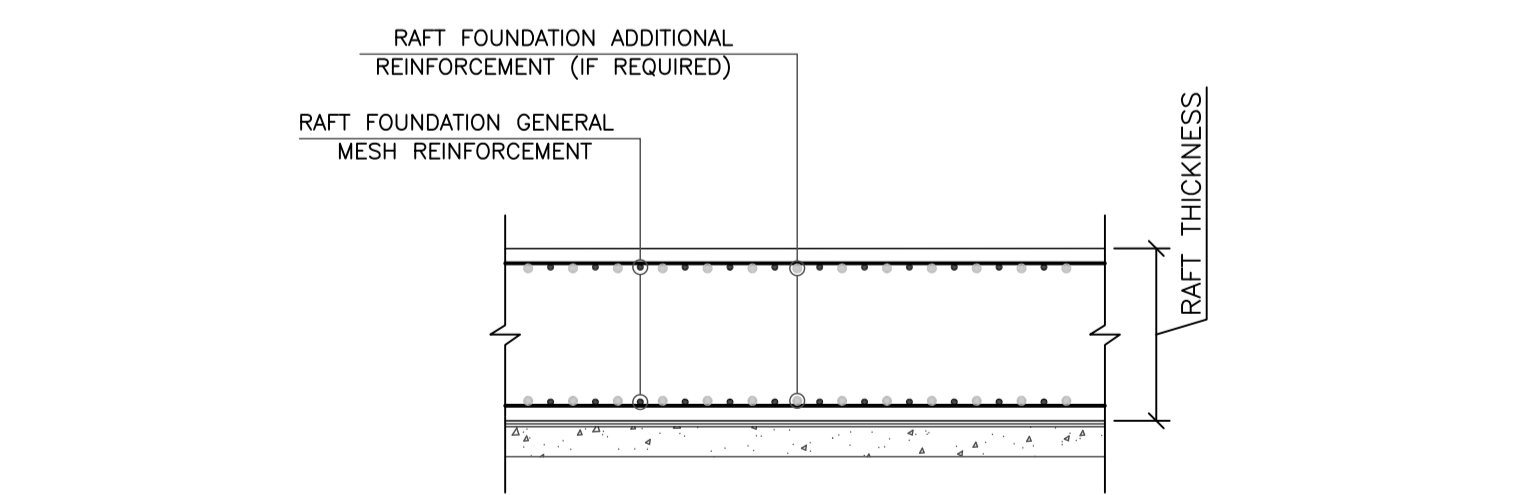
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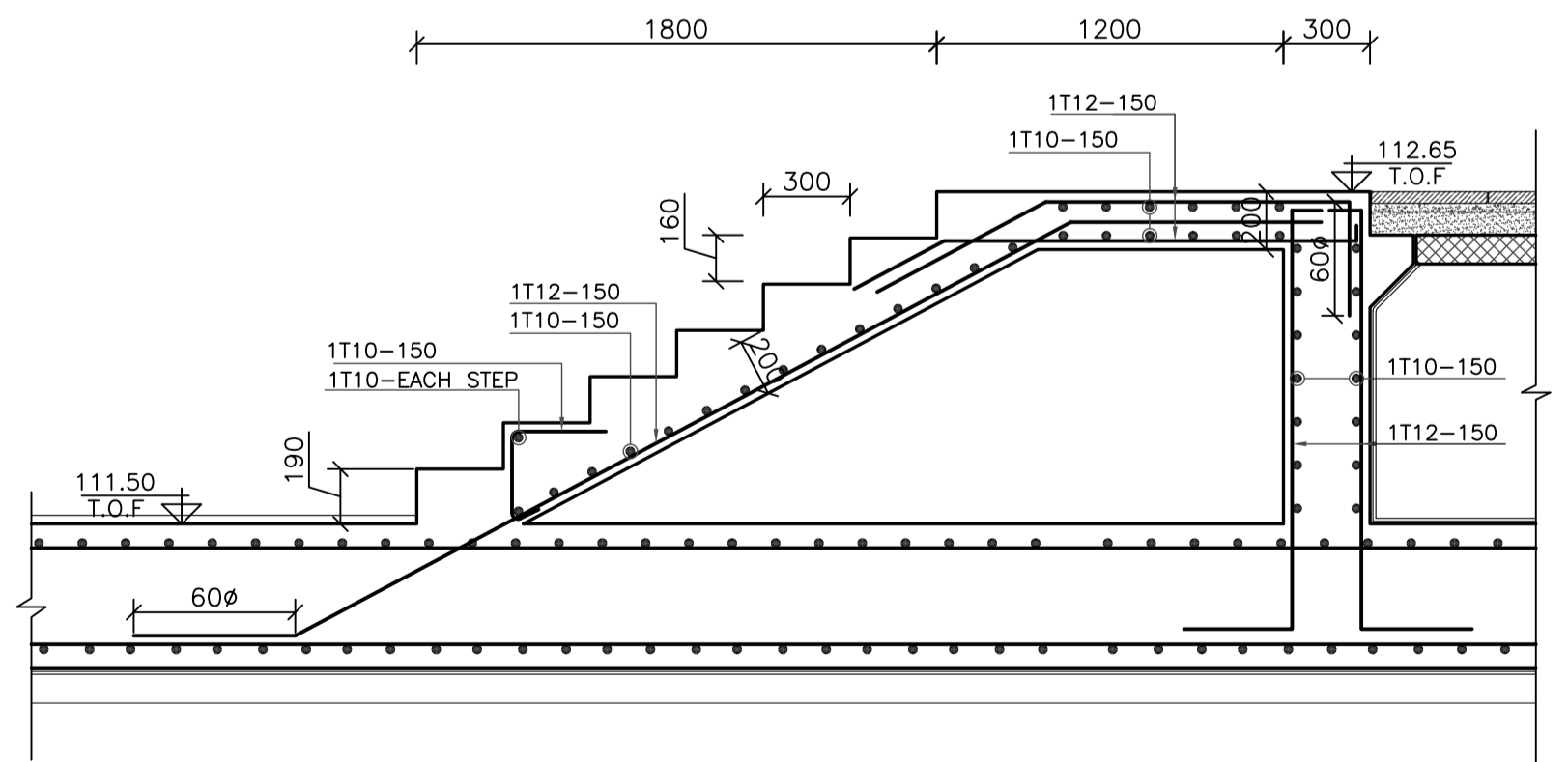
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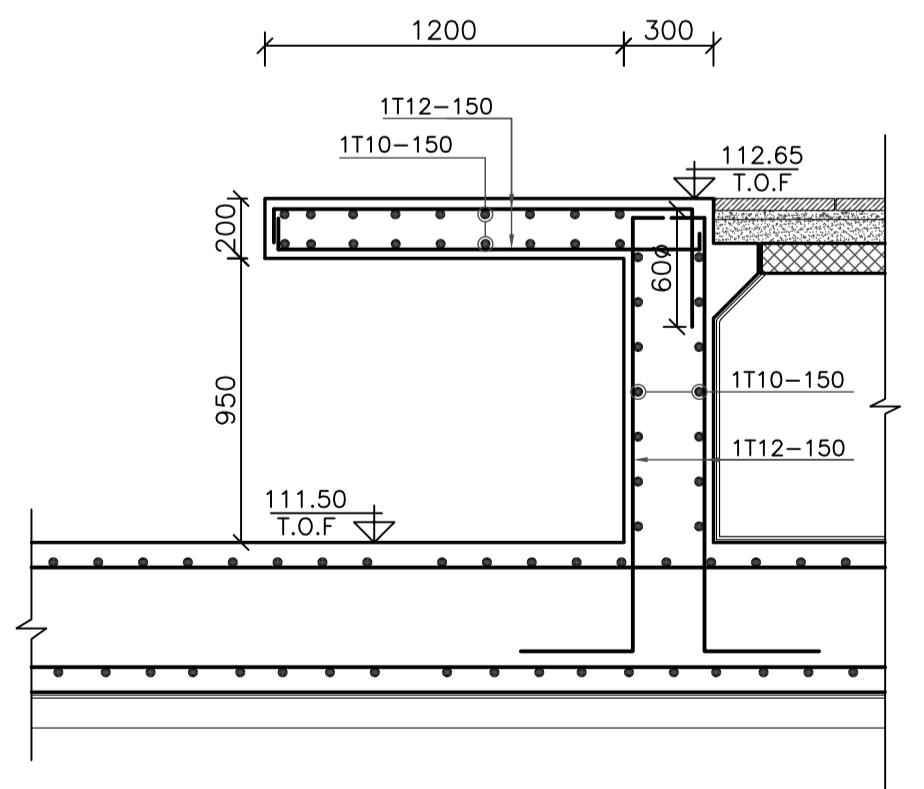
SECTION 5  
1:25



ADDITIONAL REINFORCEMENT ARRANGEMENT TYPICAL DETAIL  
1:25



SECTION 6  
1:50



SECTION 7  
1:50

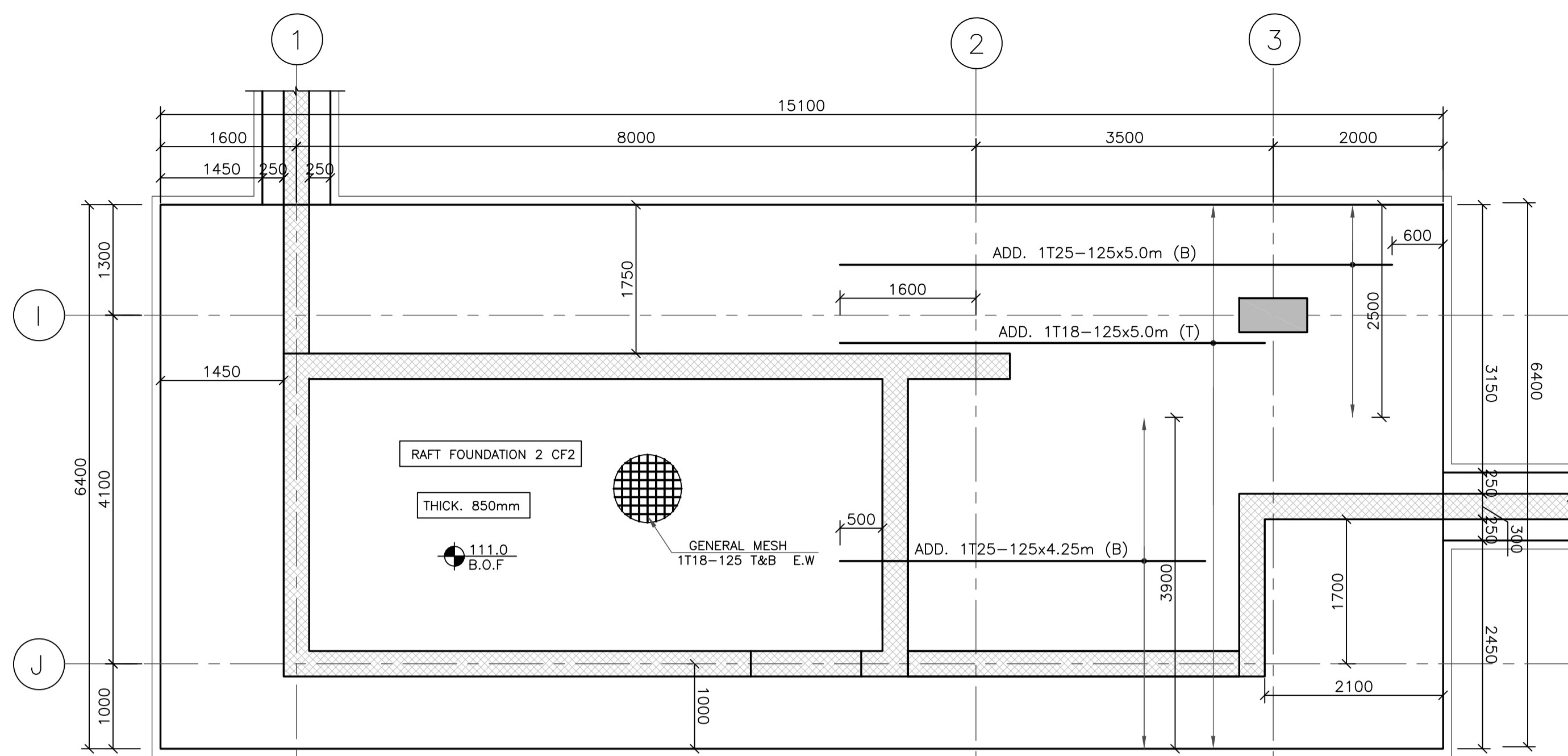
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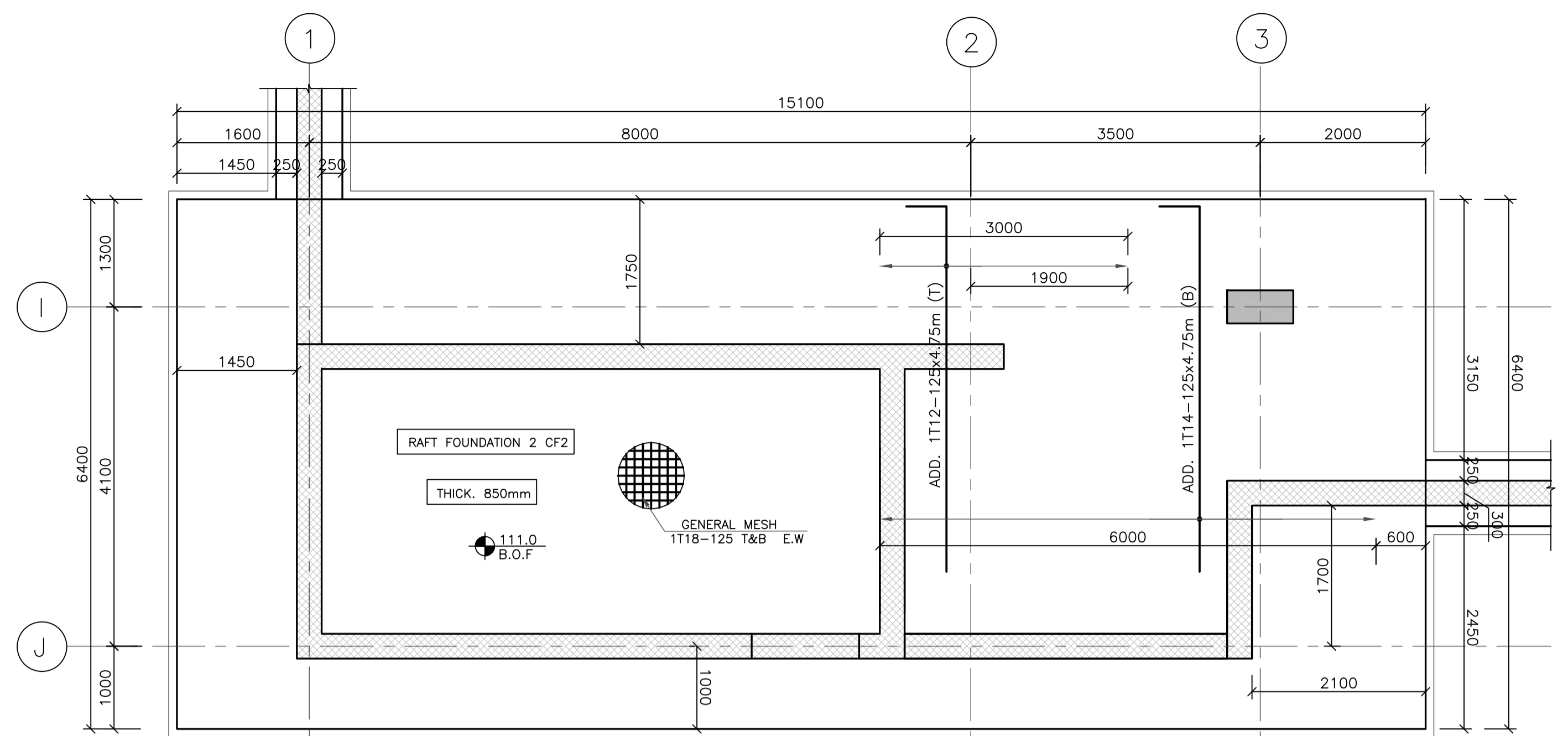


PHASE III  
PACKAGE 2  
HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

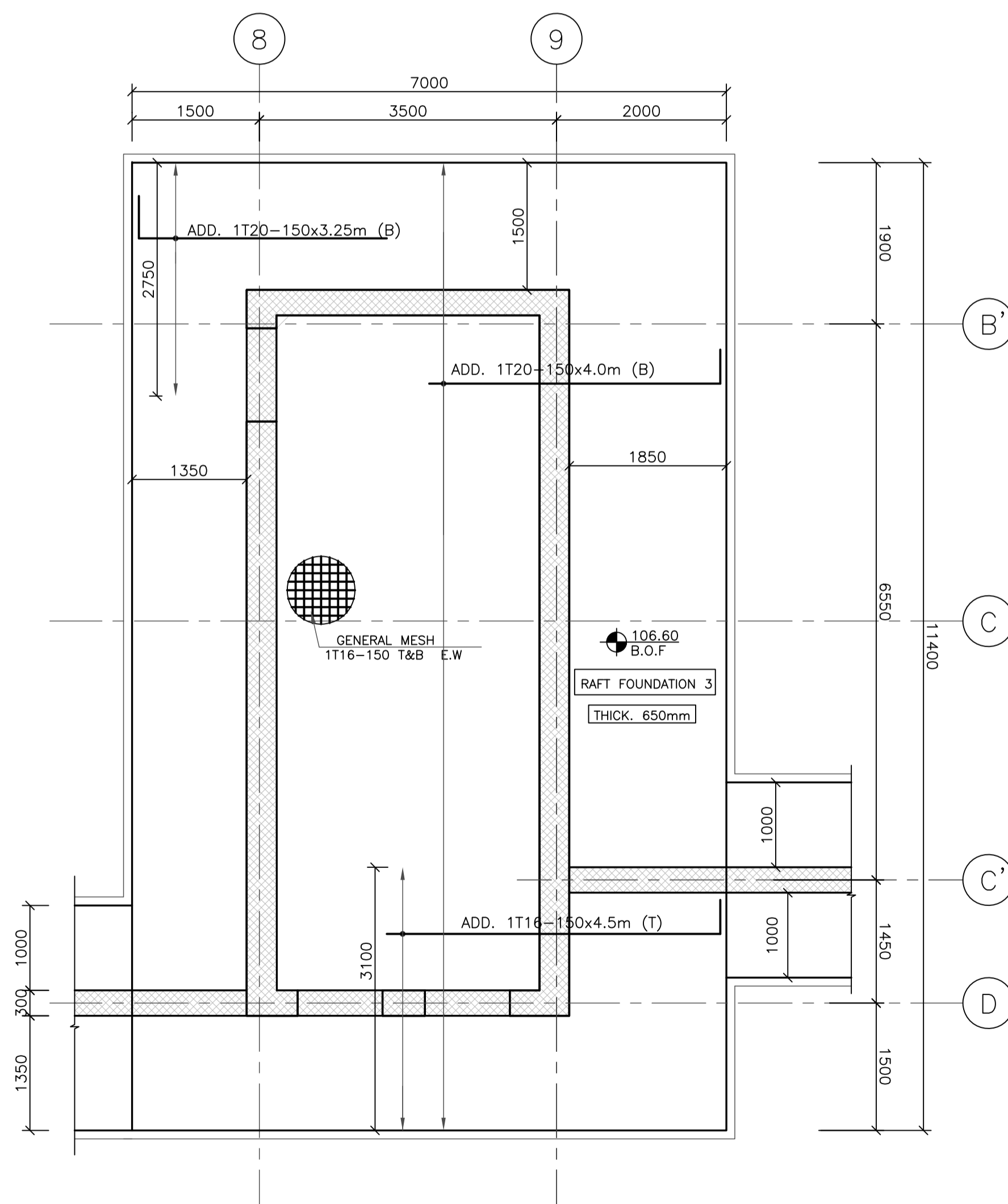
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PLOT No			Scale:	Date:	Approved:	
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DRAWING NUMBER:			Rev.:			
SKEP 16- SFP105			0			



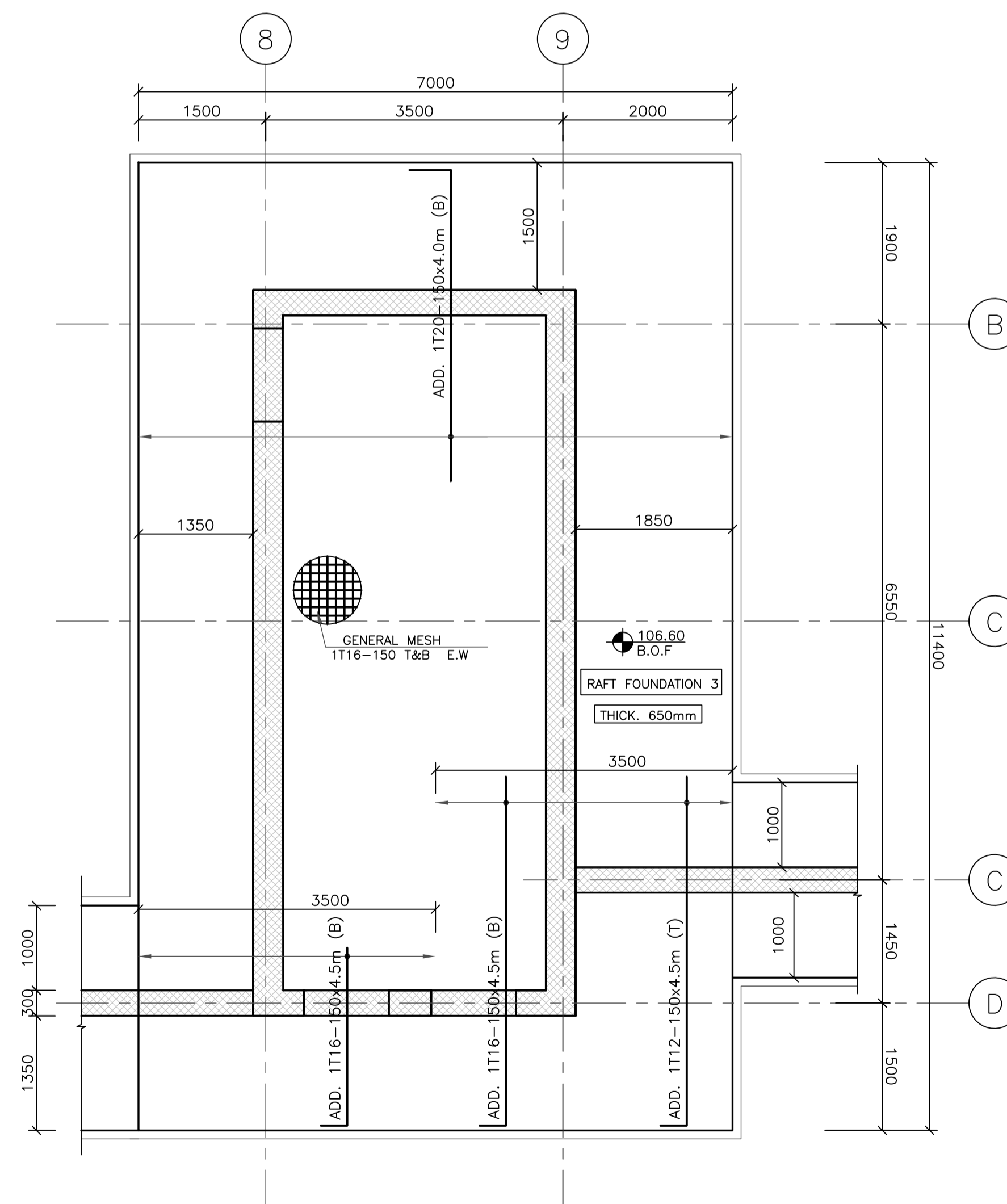
RAFT FOUNDATION 2 (CF2) PLAN  
REINFORCEMENT IN X-DIR.  
1:50



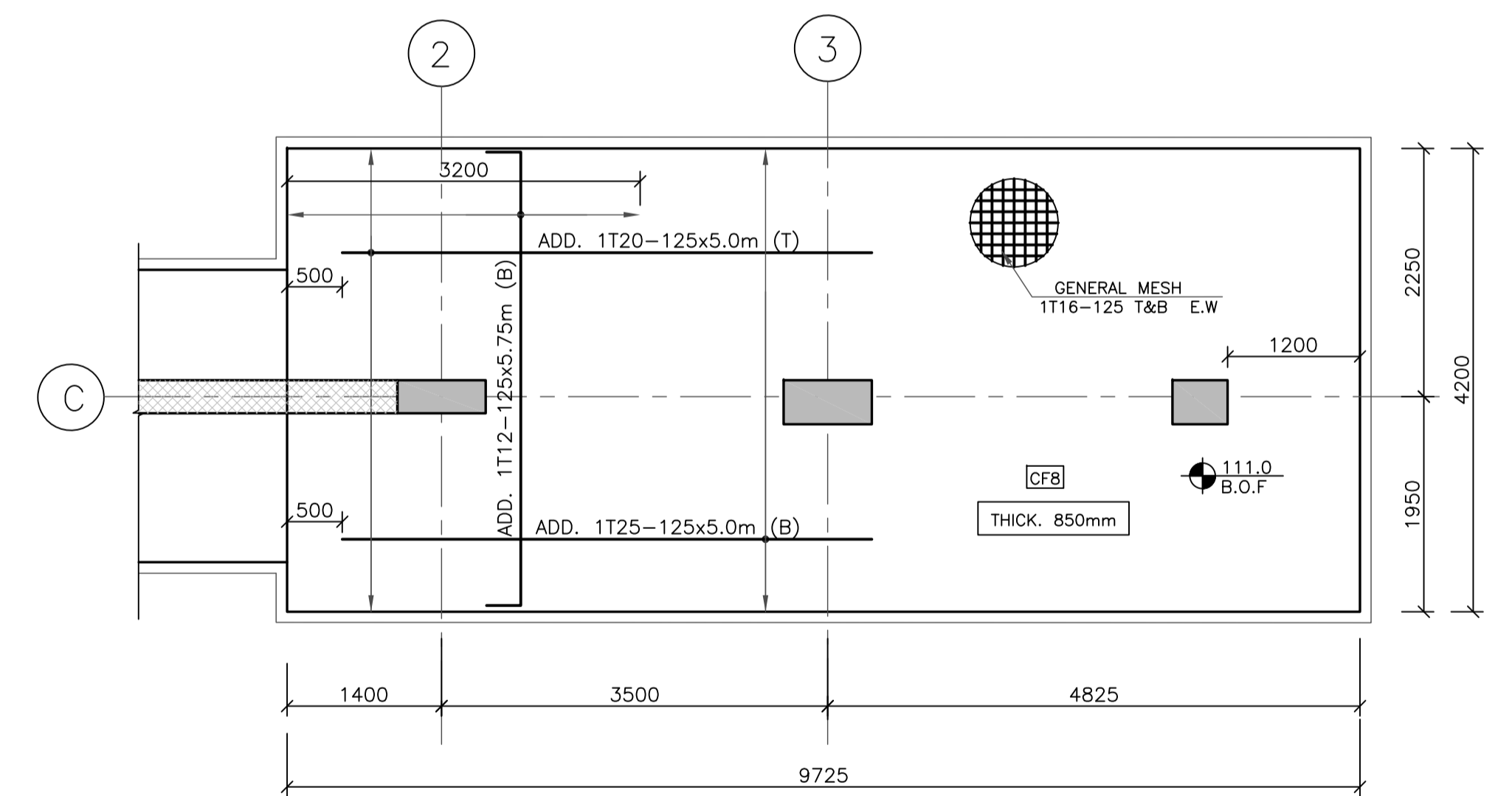
RAFT FOUNDATION 2 (CF2) PLAN  
REINFORCEMENT IN Y-DIR.  
1:50



RAFT FOUNDATION 3 REINFORCEMENT PLAN IN X-DIR.  
1:50



RAFT FOUNDATION 3 REINFORCEMENT PLAN IN Y-DIR.  
1:50



FOOTING CF8 REINFORCEMENT PLAN  
1:50

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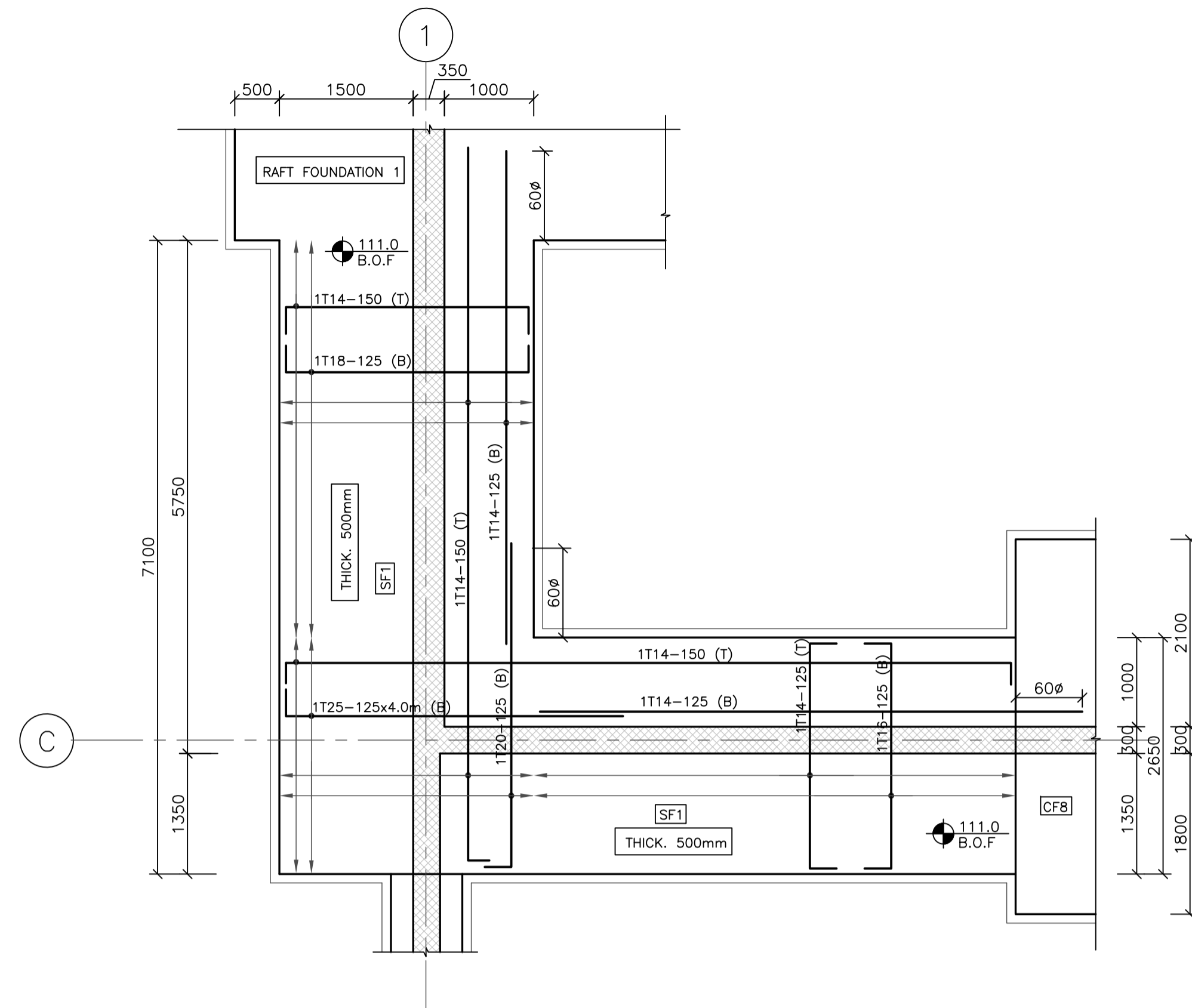


PHASE III	HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)
PACKAGE 2	SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

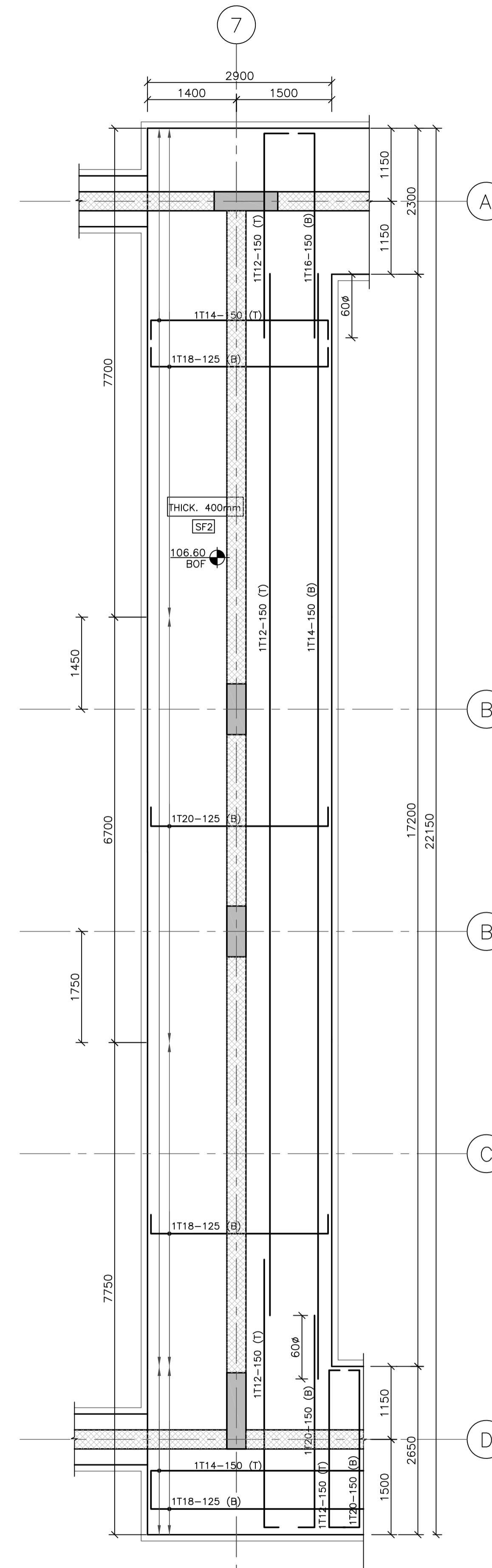
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SCALE: 1:50	DATE: June 2019	APPROVED: W.Z.
PLOT No: 99	LOCATION: AL NABI HOOD	BASIN NO: 003-AL HAMRA

DRAWING NUMBER: SKEP 16- SFP106	
Rev.: 0	North:





STRIP FOOTING (SF1) REINFORCEMENT PLAN  
1:50



STRIP FOOTING (SF2) REINFORCEMENT PLAN  
1:50

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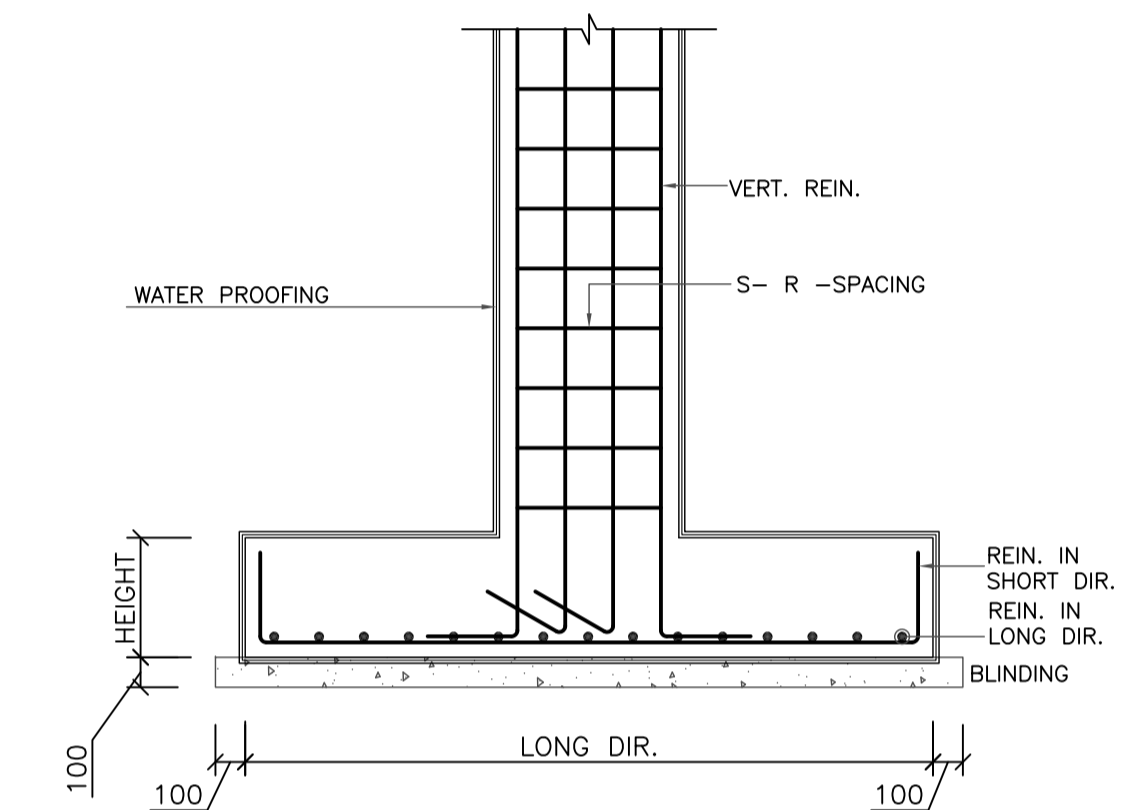
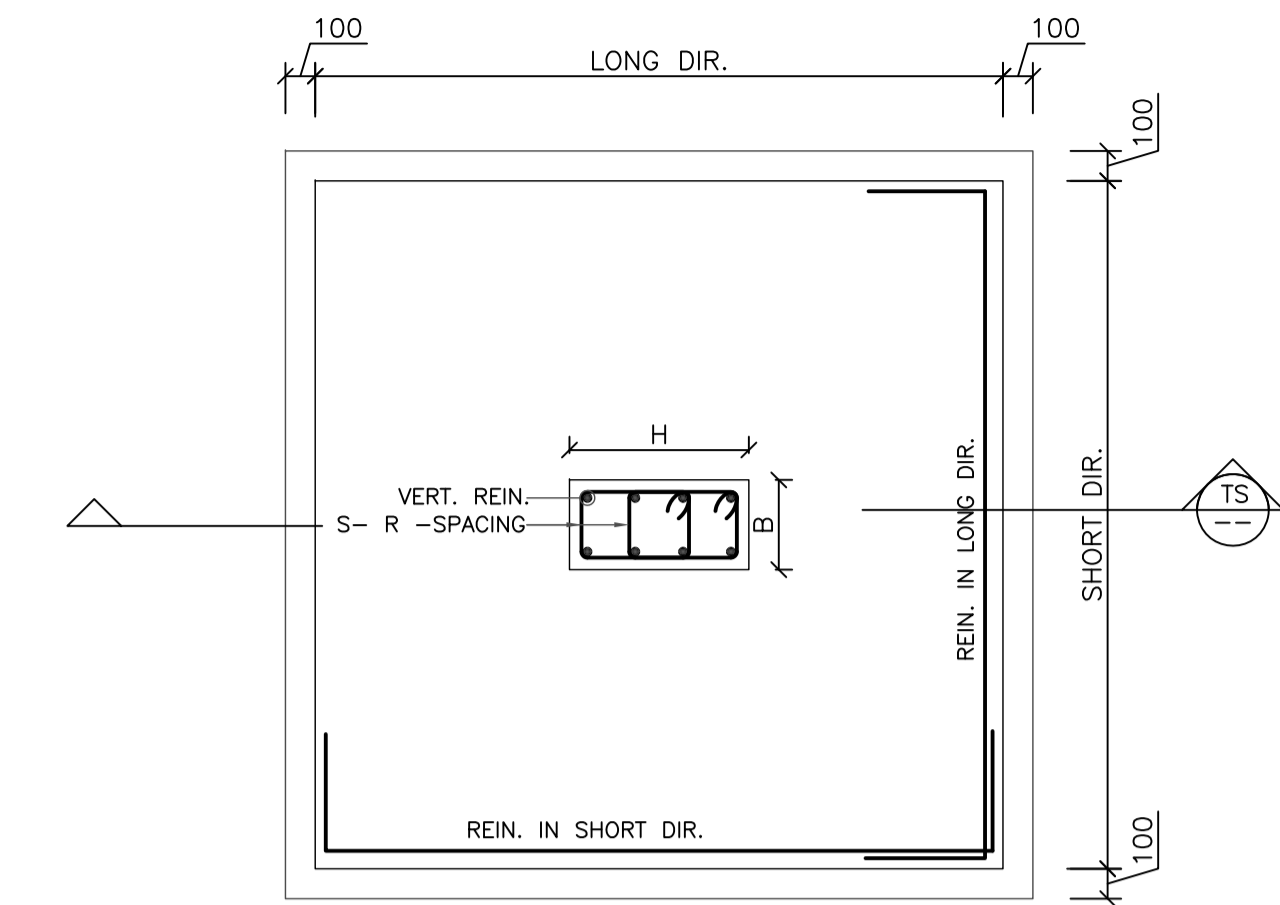
PHASE III	HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)
PACKAGE 2	SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

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PLOT No 99	LOCATION AL NABI HOOD	BASIN NO 003-AL HAMRA

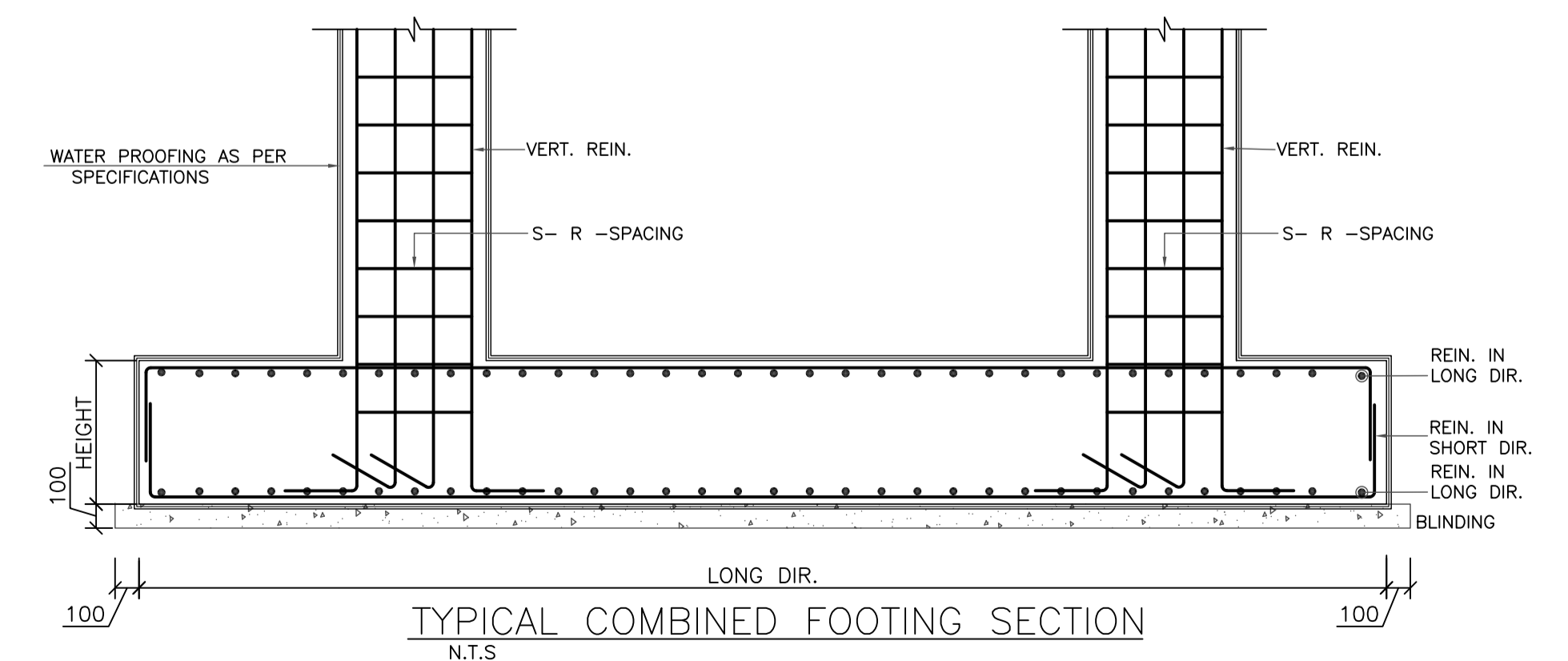
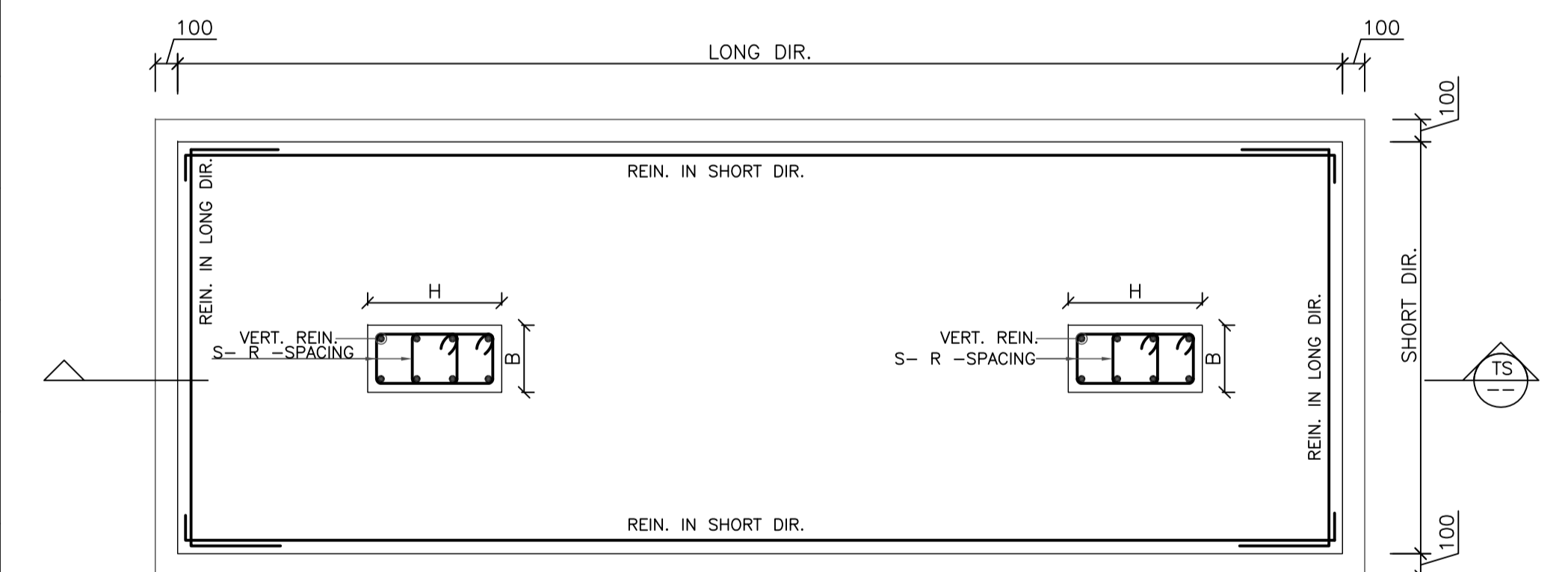
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REINFORCEMENT OF FOOTINGS TABLE

FOOTING DIMENSIONS				BOTTOM REINFORCEMENT		TOP REINFORCEMENT	
FOOT. NAME	LENGTH(m)	WIDTH(m)	HEIGHT(m)	REIN. IN LONG DIR.	REIN. IN SHORT DIR.	REIN. IN LONG DIR.	REIN. IN SHORT DIR.
F1 FOOT. NO. 1	6.8	6.4	0.55	1T16-150	1T16-150	1T14-150	1T14-150
F2 FOOT. NO. 4	2.6	2.3	0.40	1T14-150	1T14-150	1T12-150	1T12-150
F3 FOOT. NO. 2	4.1	3.3	0.65	1T16-125	1T16-125	---	---
F4 FOOT. NO. 1	4.5	3.3	0.70	1T16-150	1T18-150	---	---
F5 FOOT. NO. 2	4.5	3.6	0.55	1T20-125	1T16-125	1T12-125	1T12-125
F6 FOOT. NO. 1	5.3	3.3	0.55	1T18-125	1T16-125	1T12-125	1T12-125
F7 FOOT. NO. 1	5.6	3.8	0.80	1T18-150	1T25-150	---	---
F8 FOOT. NO. 1	6.0	3.8	0.50	1T18-150	1T16-150	1T14-150	1T14-150
F9 FOOT. NO. 1	7.0	4.5	0.55	1T20-125	1T20-125	1T14-150	1T14-150
F10 FOOT. NO. 1	2.4	2.0	0.35	1T14-200	1T14-200	1T14-200	1T14-200
F11 FOOT. NO. 1	2.2	2.0	0.35	1T14-200	1T14-200	1T14-200	1T14-200
F12 FOOT. NO. 1	3.9	3.2	0.60	1T16-125	1T16-125	---	---
CF1 FOOT. NO. 3	8.1	5.1	0.75	1T20-125	1T18-125	1T16-150	1T16-150
CF2 FOOT. NO. 1	REFER TO DRAWING SFP106						
CF3 FOOT. NO. 1	7.0	3.5	0.55	1T18-125	1T14-125	1T14-150	1T14-150
CF4 FOOT. NO. 1	8.0	7.0	0.65	1T20-125	1T20-150	1T14-150	1T14-150
CF5 FOOT. NO. 1	6.2	3.3	0.60	1T18-150	1T18-150	1T14-150	1T14-150
CF6 FOOT. NO. 1	11.1	8.6	0.70	1T20-125	1T18-125	1T16-150	1T16-150
CF7 FOOT. NO. 1	12.0	4.0	0.55	1T20-150	1T20-150	1T14-150	1T14-150
CF8 FOOT. NO. 1	REFER TO DRAWING SFP106						



TYPICAL FOOTING SECTION  
N.T.S



TYPICAL COMBINED FOOTING SECTION  
N.T.S

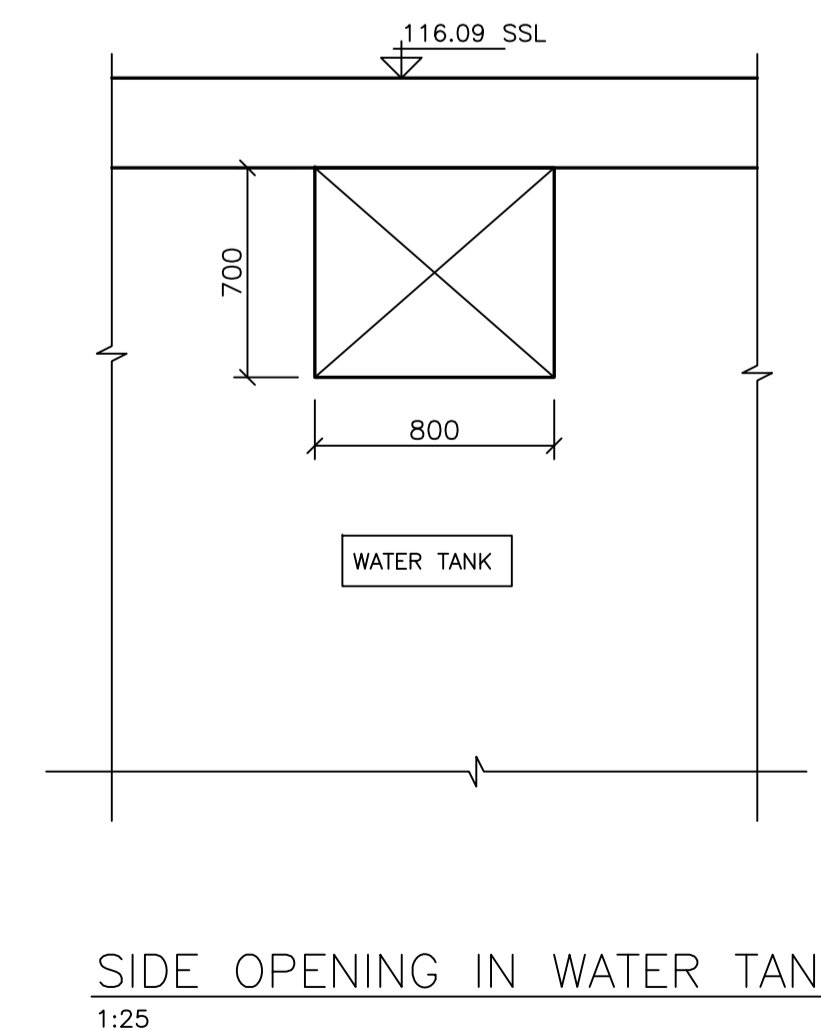
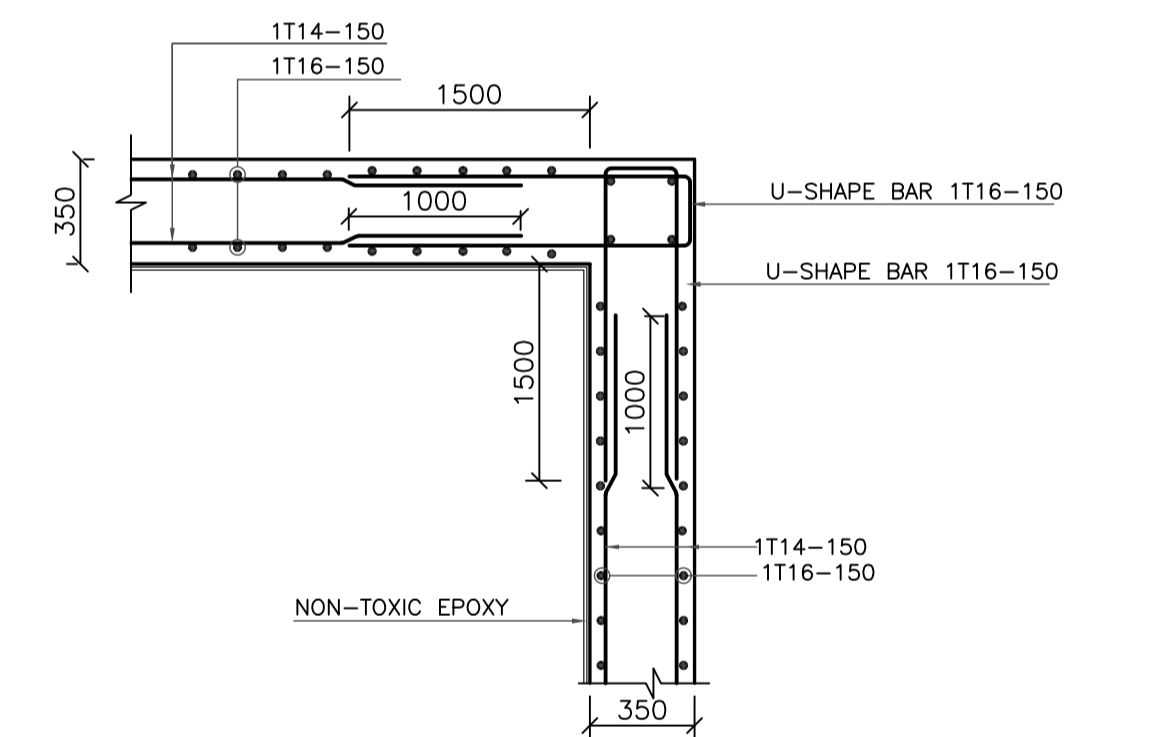
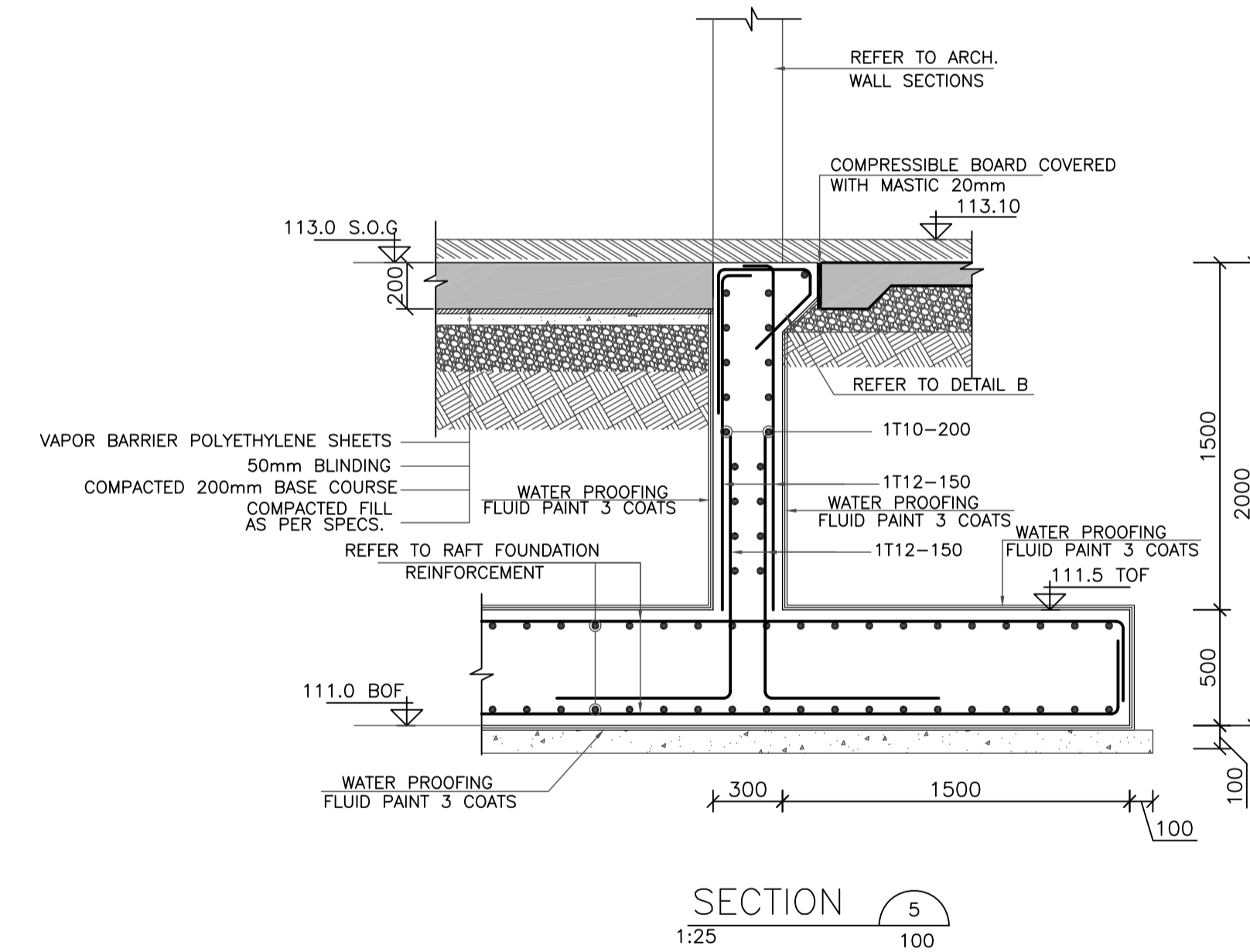
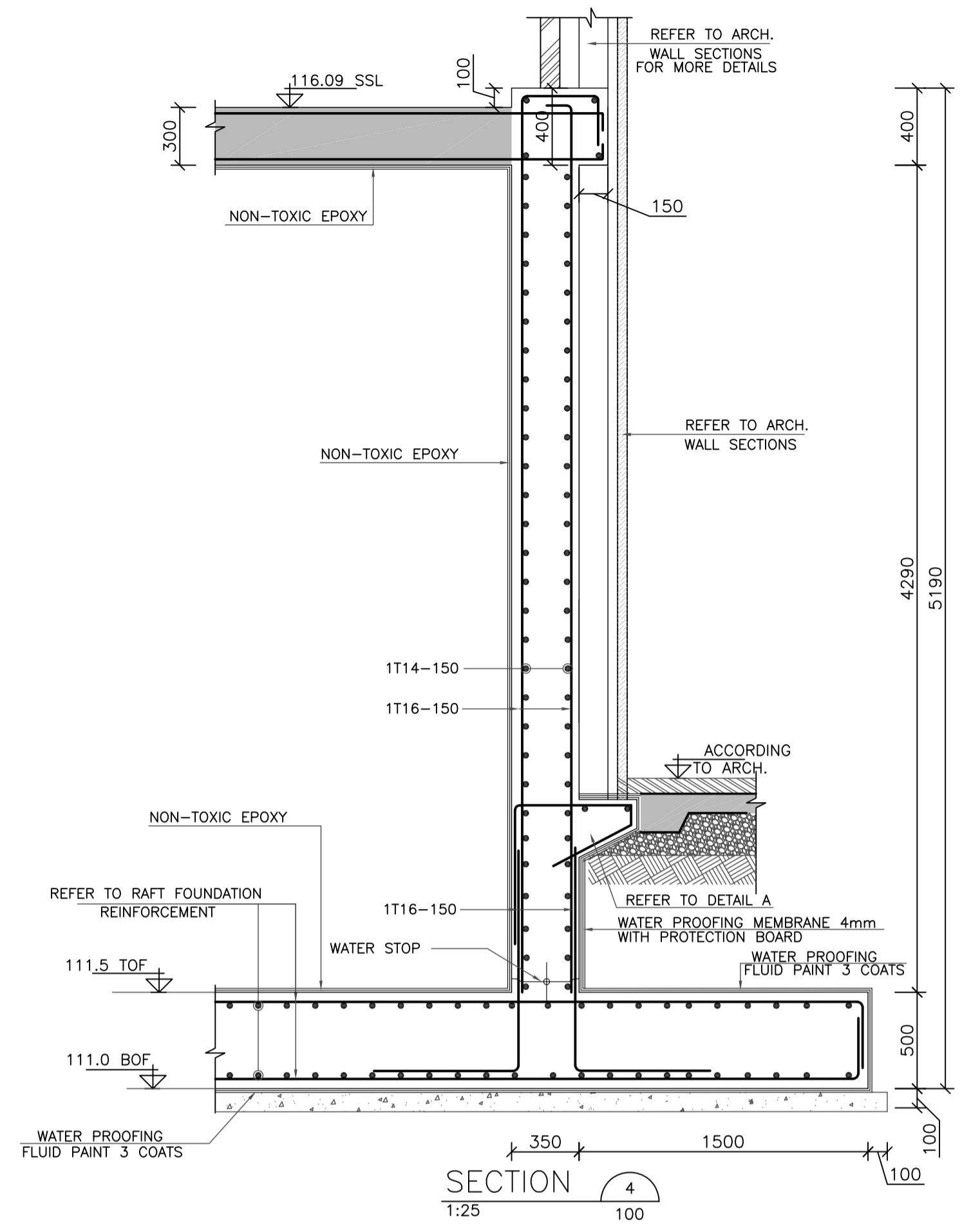
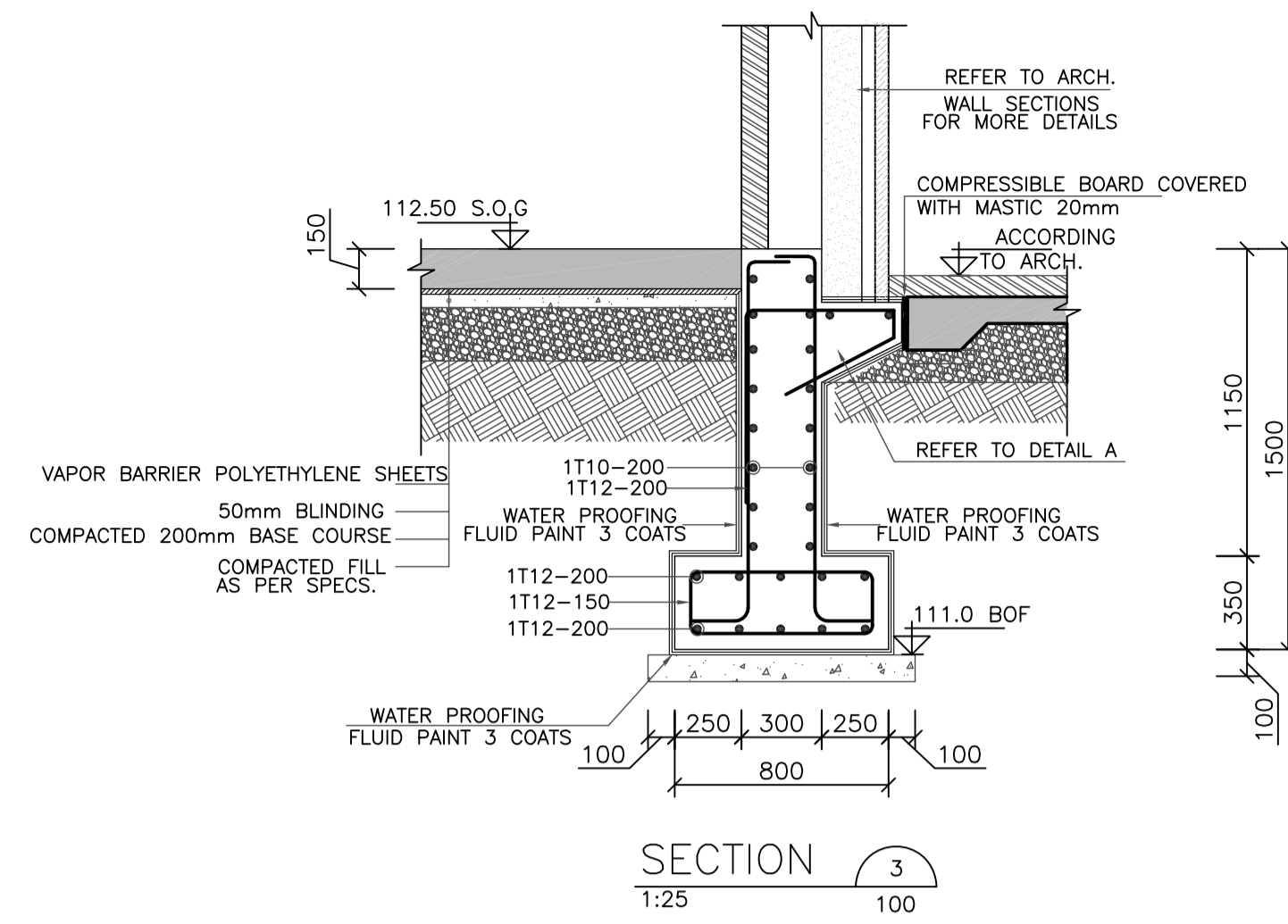
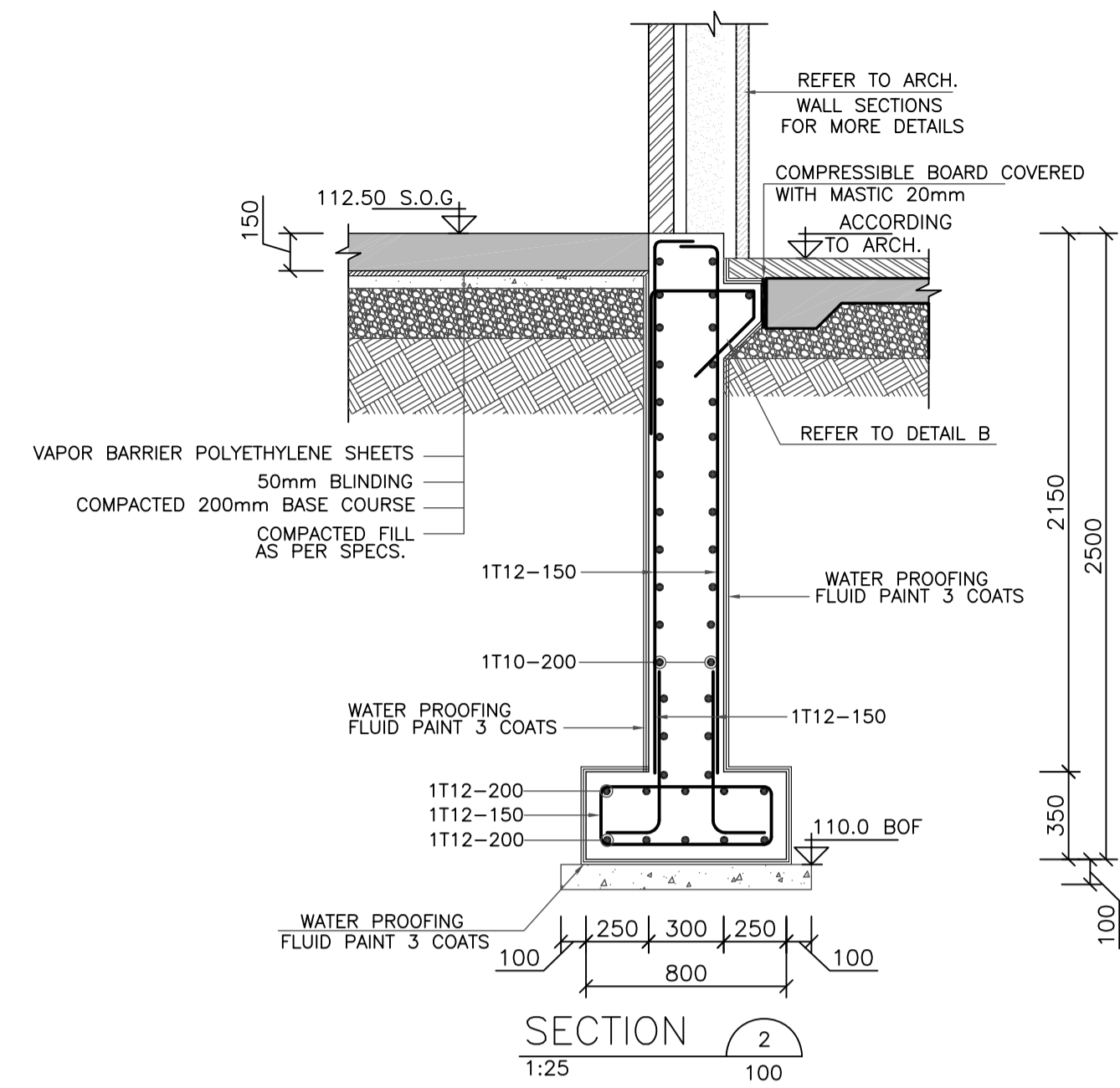
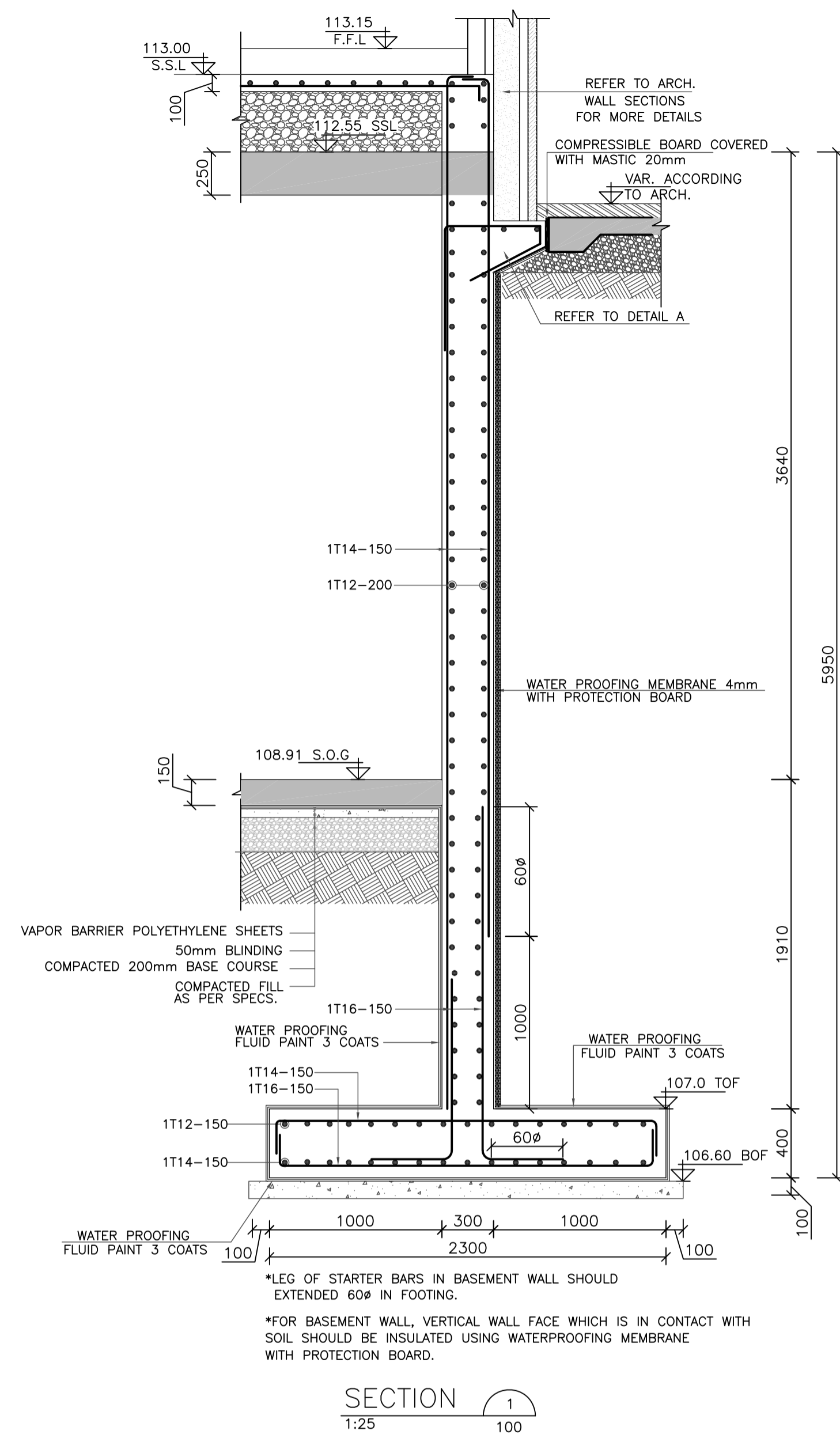
REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

NOTES:



PHASE III	HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)
PACKAGE 2	SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME:	FOOTINGS REINFORCEMENT TABLE	Design:	M.N.	Drawn:	CAD	Checked:		North:	
PLOT No:	99	Scale:	N.T.S	Date:	June 2019	Approved:	W.Z.	Rev.:	0
LOCATION:	AL NABI HOOD	BASIN NO:	003-AL HAMRA	DRAWING NUMBER:	SKEP 16- SFP108				



**NOTES:**

- BACKFILLING IN FRONT AND BEHIND RETAINING WALLS SHALL BE DONE SIMULTANEOUSLY.
- DO NOT BACKFILL AGAINST BUILDING FOUNDATION AND RETAINING WALLS UNTIL RESTRAINING SLABS AND ADEQUATE BRACING ARE IN PLACE. ALL BACKFILL SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH SPECIFICATIONS.
- DO NOT BACKFILL AGAINST CONCRETE CANTILEVER RETAINING WALLS UNTIL CONCRETE HAS ATTAINED ITS SPECIFIED 28-DAY COMPRESSIVE STRENGTH  $f_{cu}$ . ALL BACKFILL SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH THE SPECIFICATIONS.
- FOUNDATIONS DESIGNED ACCORDING TO BEARING CAPACITY OF 1.80 Kg/cm<sup>2</sup>, THE CONTRACTOR SHOULD ENSURE THAT THE FOUNDATION LAYER POSSESSES THIS ALLOWABLE CAPACITY.
- BUILDING FOUNDATIONS SHOULD BE LAID DIRECTLY ON THE INTERBEDDED AND/OR MARLY CALY AND/OR CHALKY TO CLAYEY MARL/MARLSTONE MATERIAL. THESE FOUNDATION GROUNDS ARE SUITABLE TO SUPPORT THE IMPOSED LOADS FOR FOUNDATION.

REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

NOTES:



**USAID**  
FROM THE AMERICAN PEOPLE



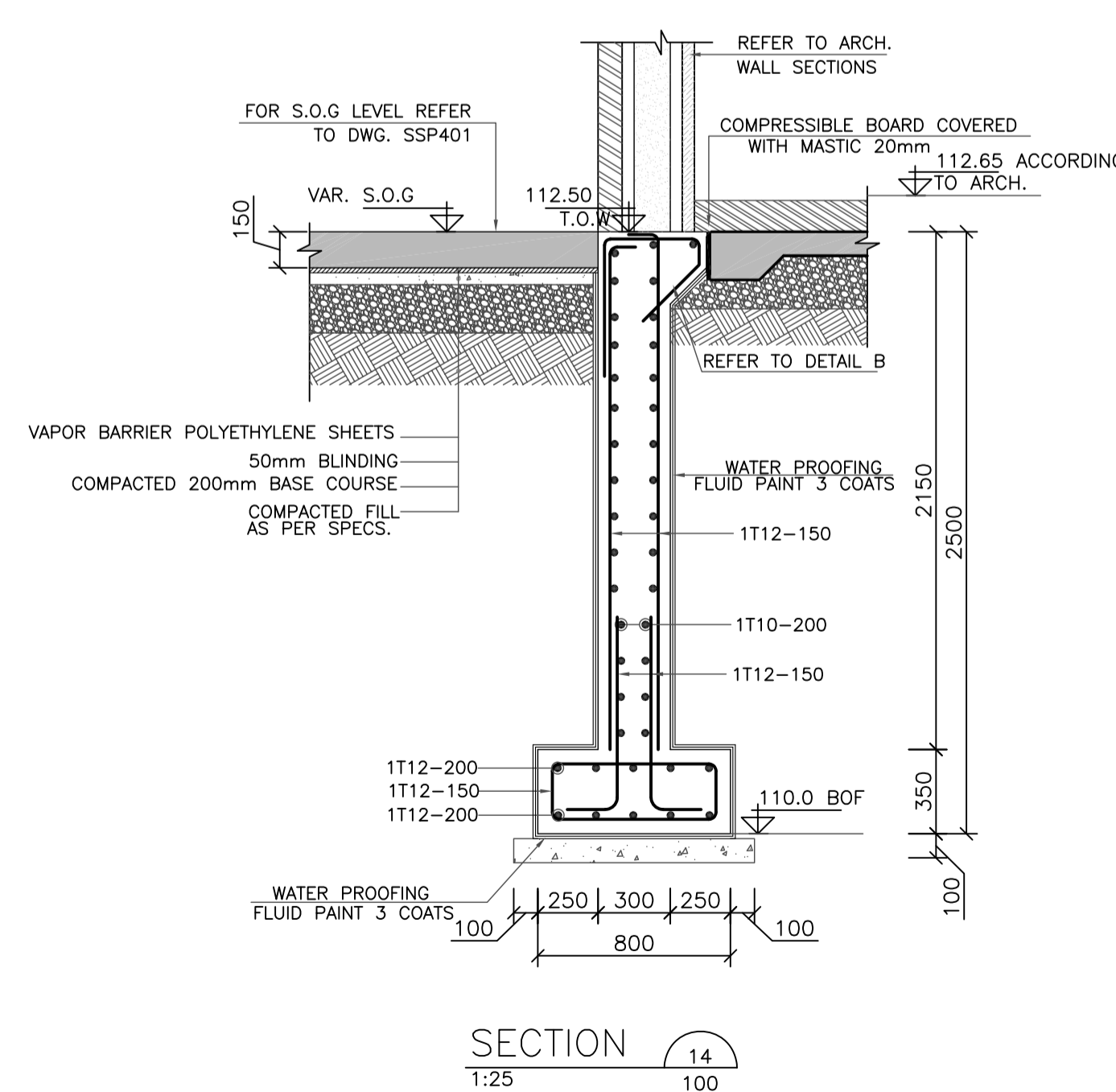
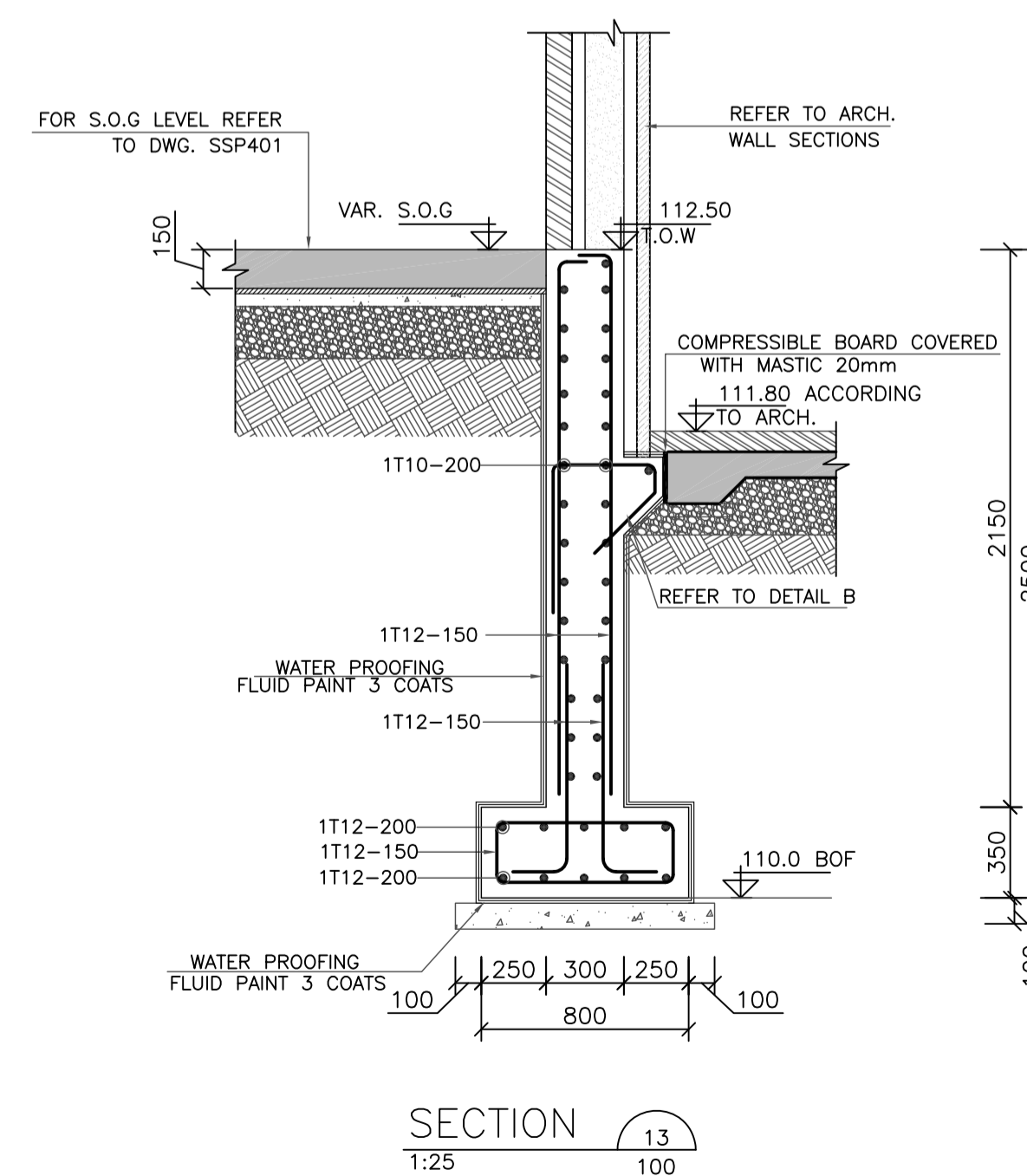
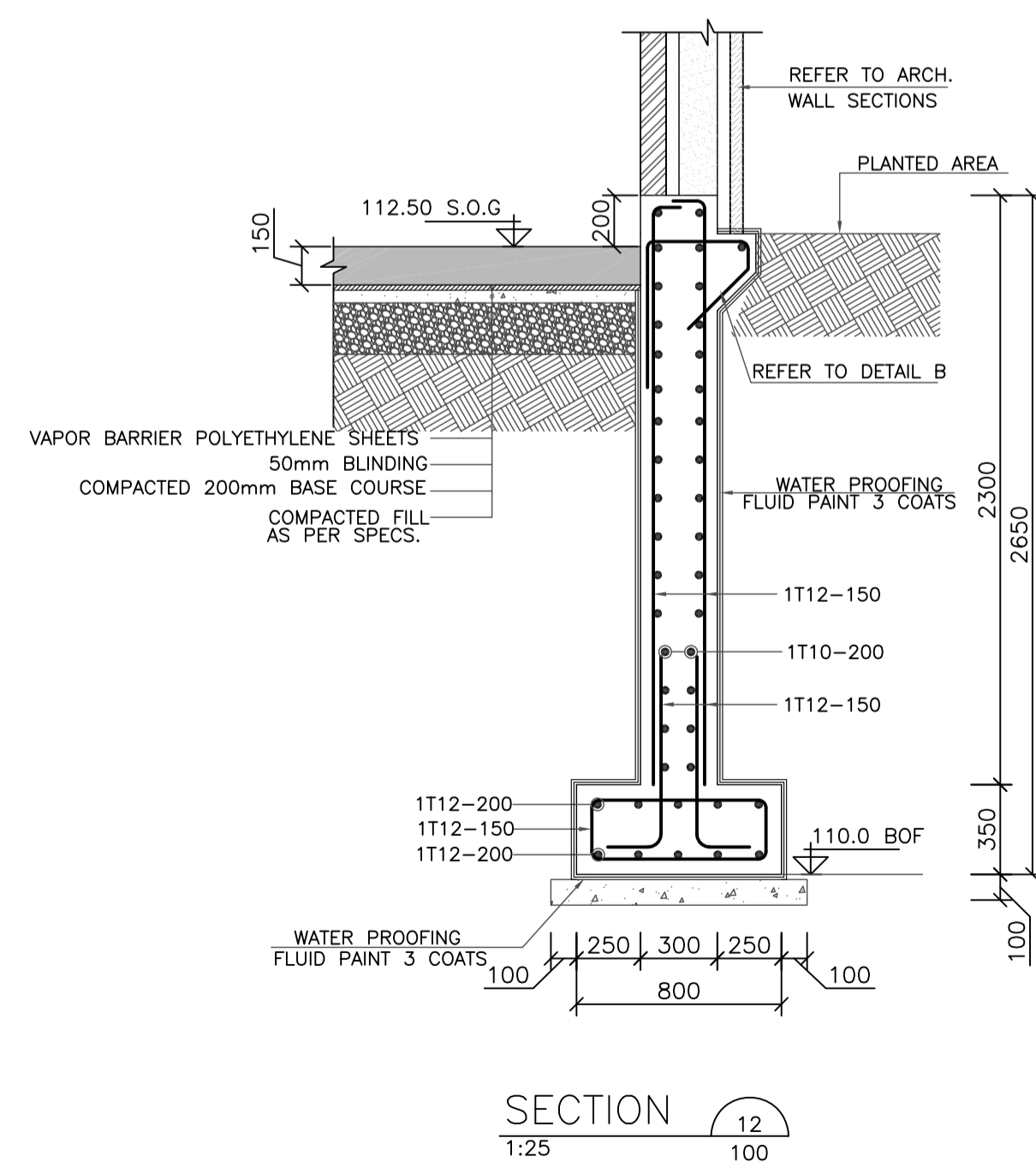
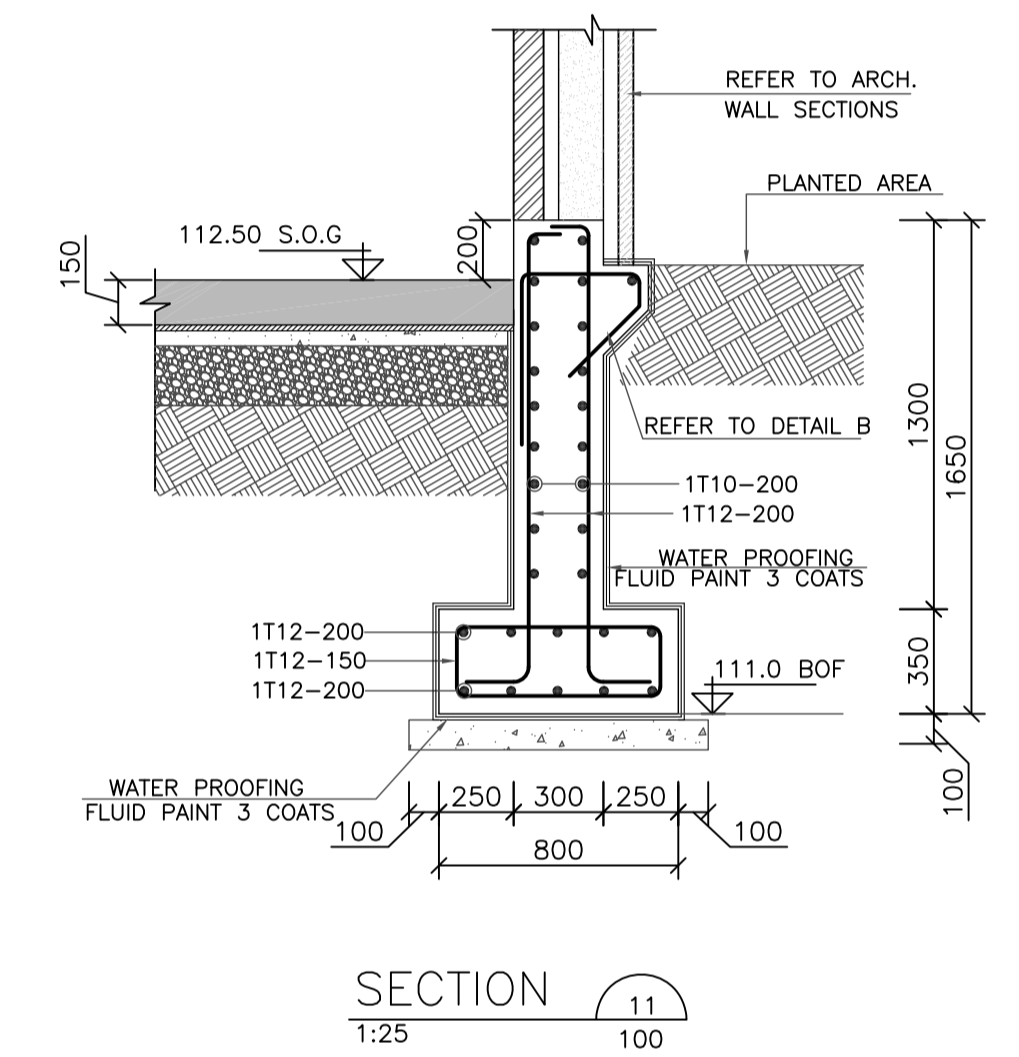
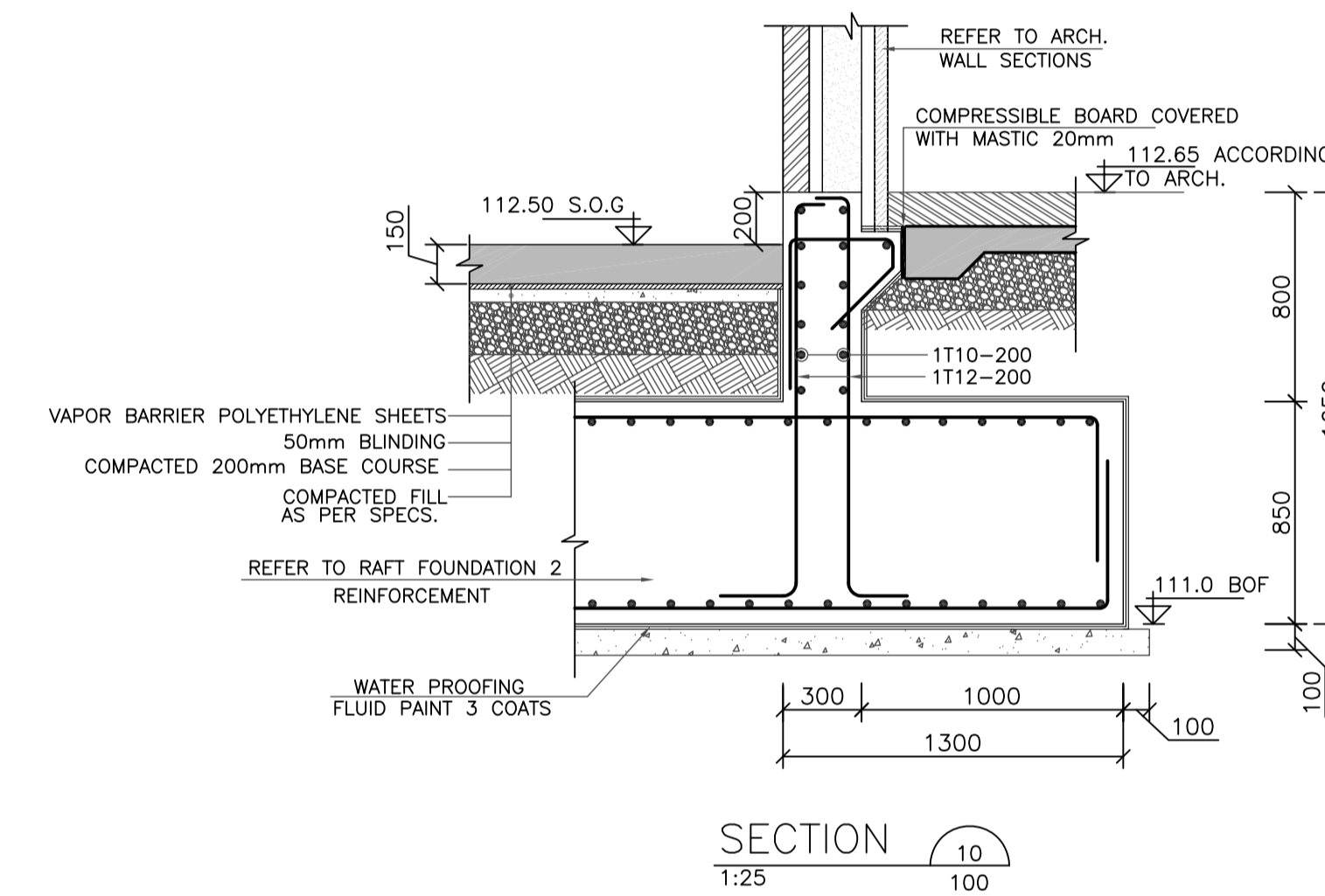
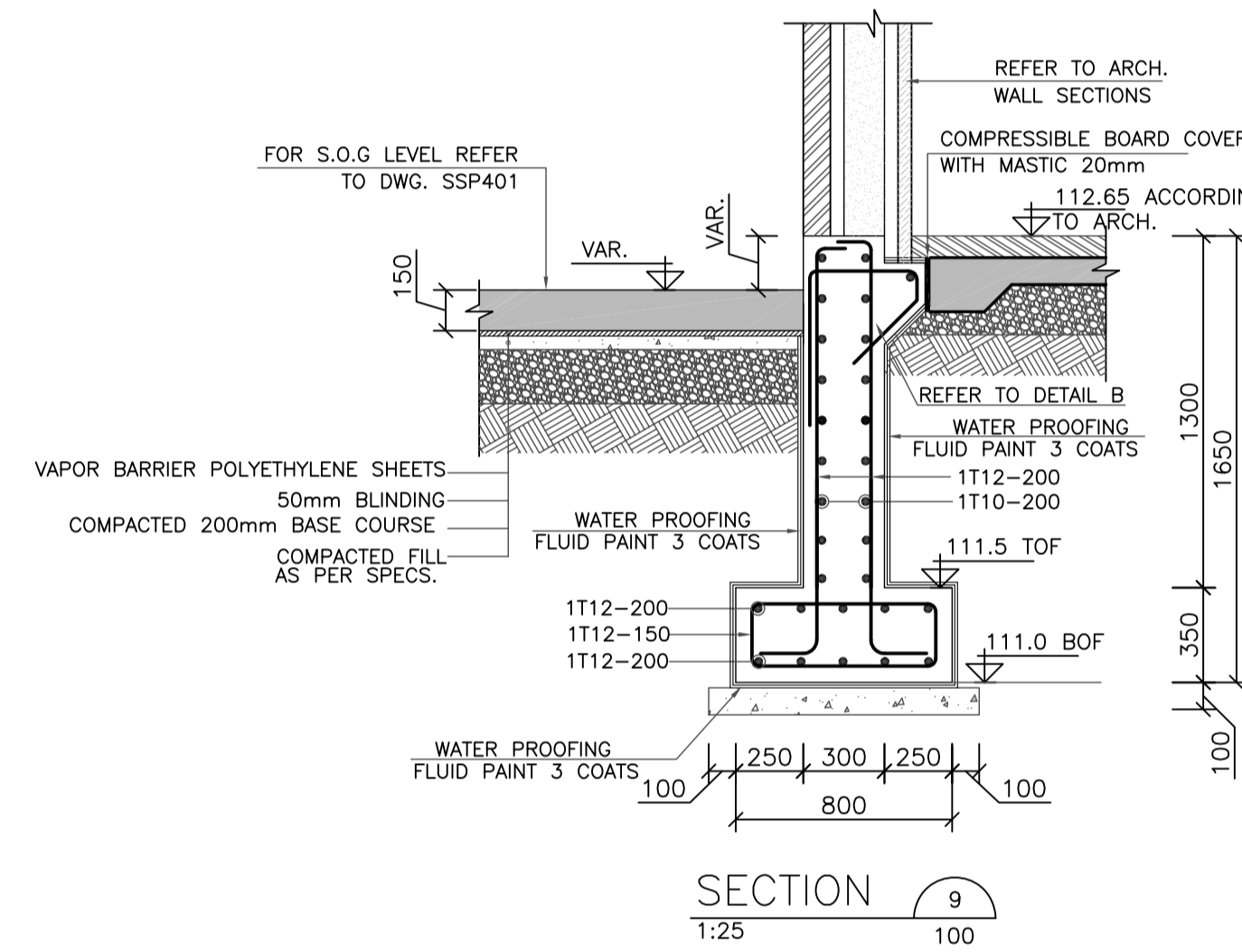
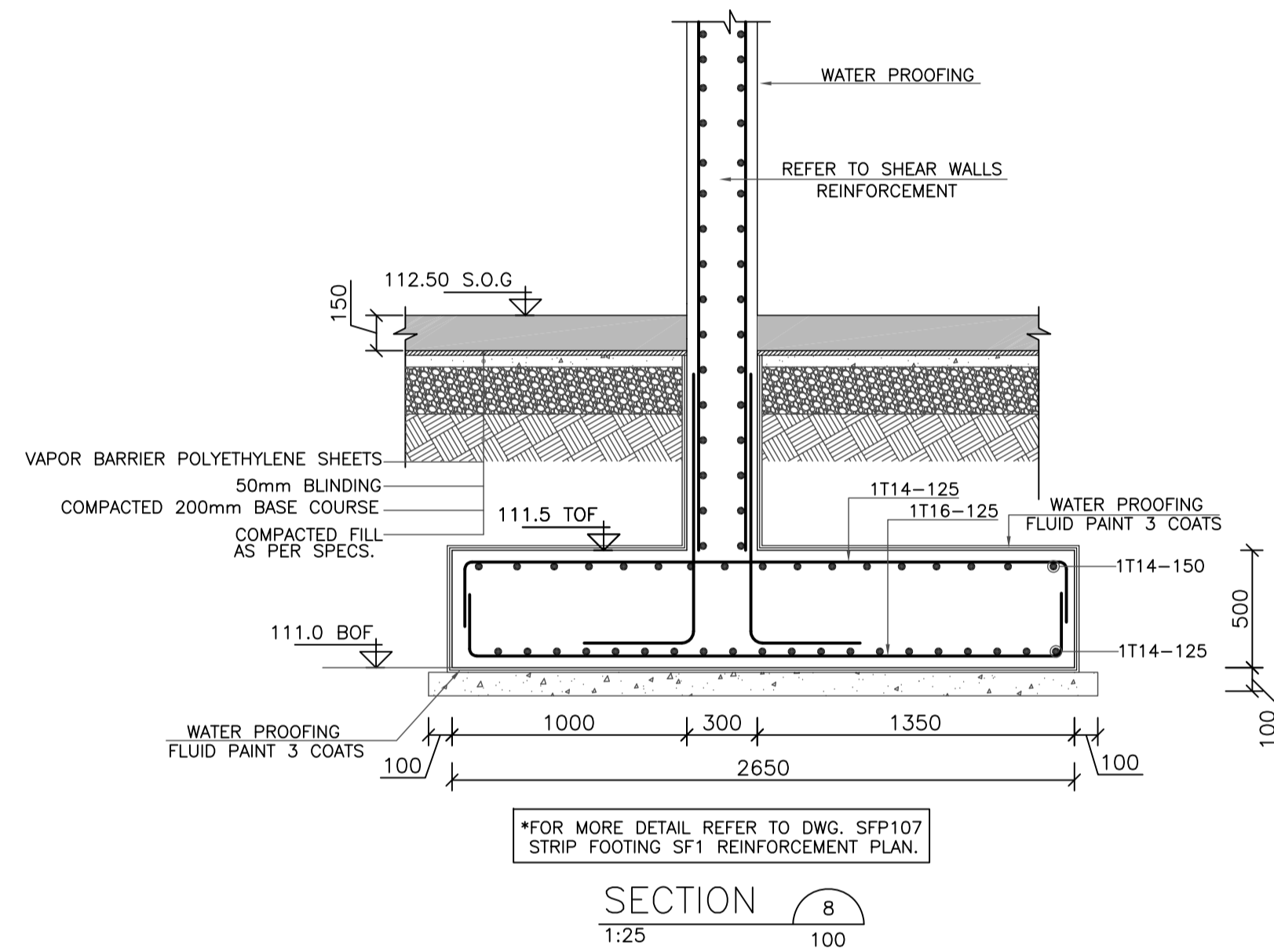
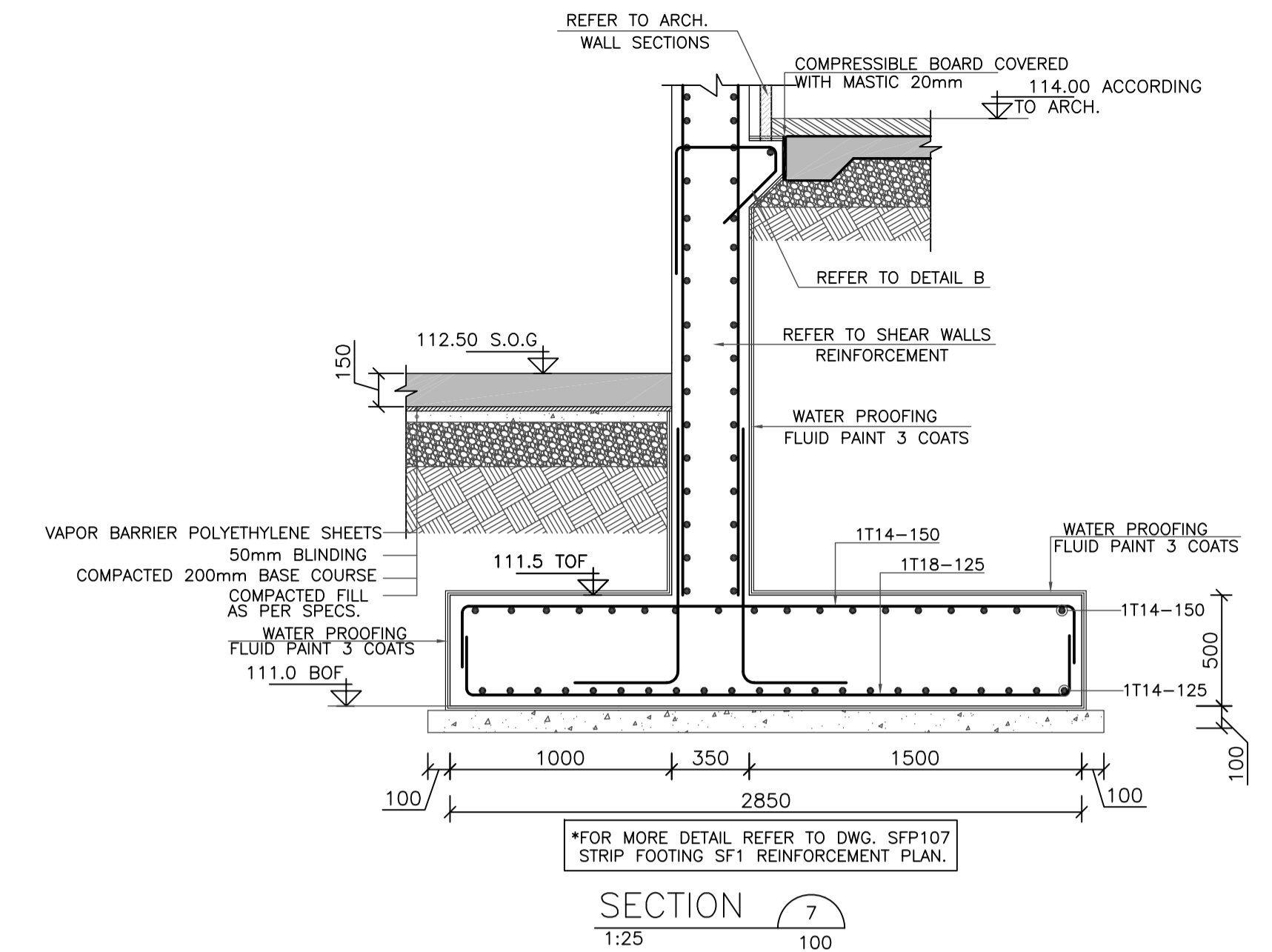
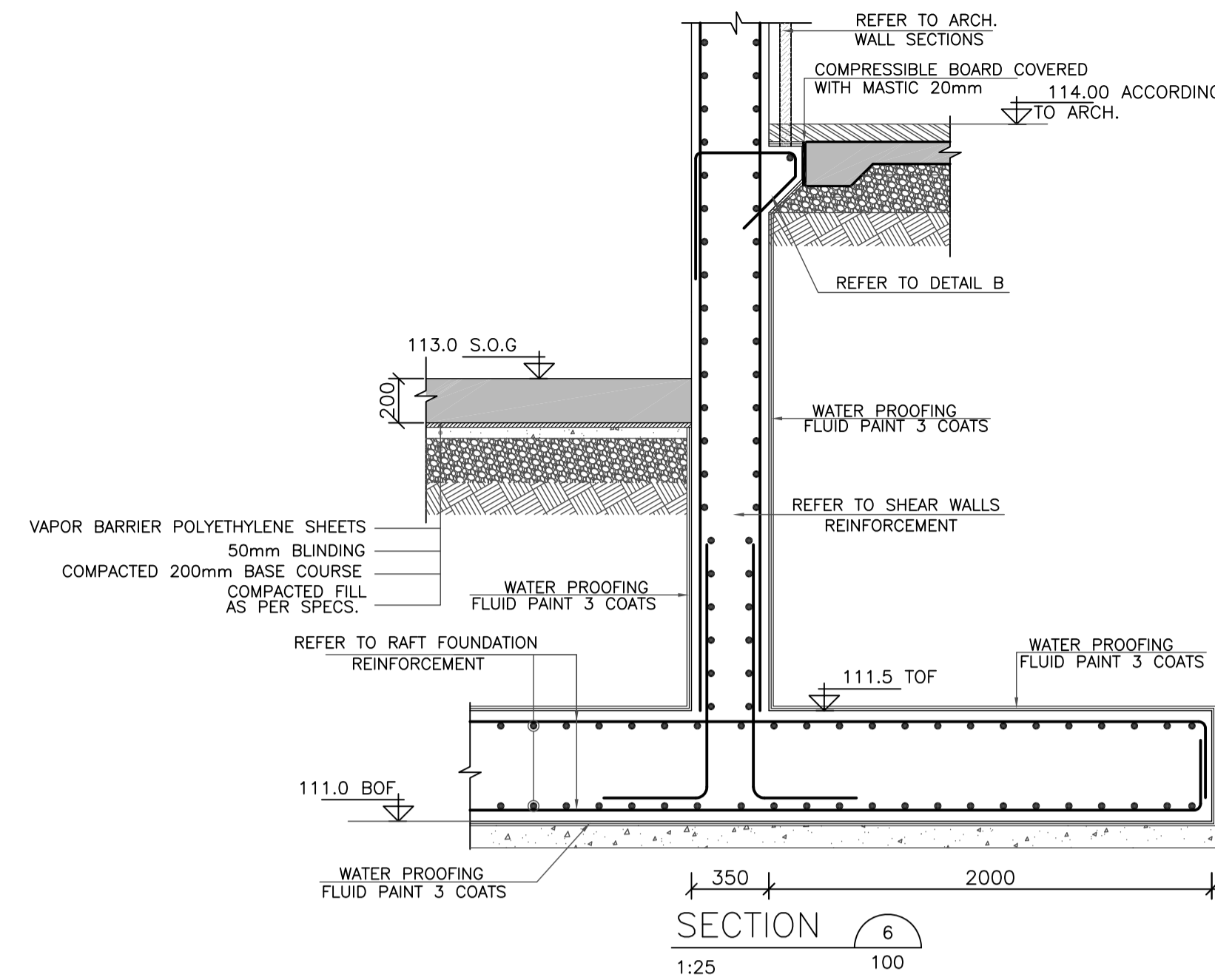
PHASE III	HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)
PACKAGE 2	SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME:	FOUNDATION SECTIONS SHEET 1 OF 5
Design:	M.N.
Scale:	1:25
Drawn:	CAD
Date:	June 2019
Checked:	W.Z.
Approved:	

DRAWING NUMBER:	SKEP 16- SFD200
PLOT No:	99
LOCATION:	AL NABI HOOD
BASIN NO:	003-AL HAMRA
North:	
Rev.:	0

**NOTES:**

- BACKFILLING IN FRONT AND BEHIND RETAINING WALLS SHALL BE DONE SIMULTANEOUSLY.
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REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

NOTES:



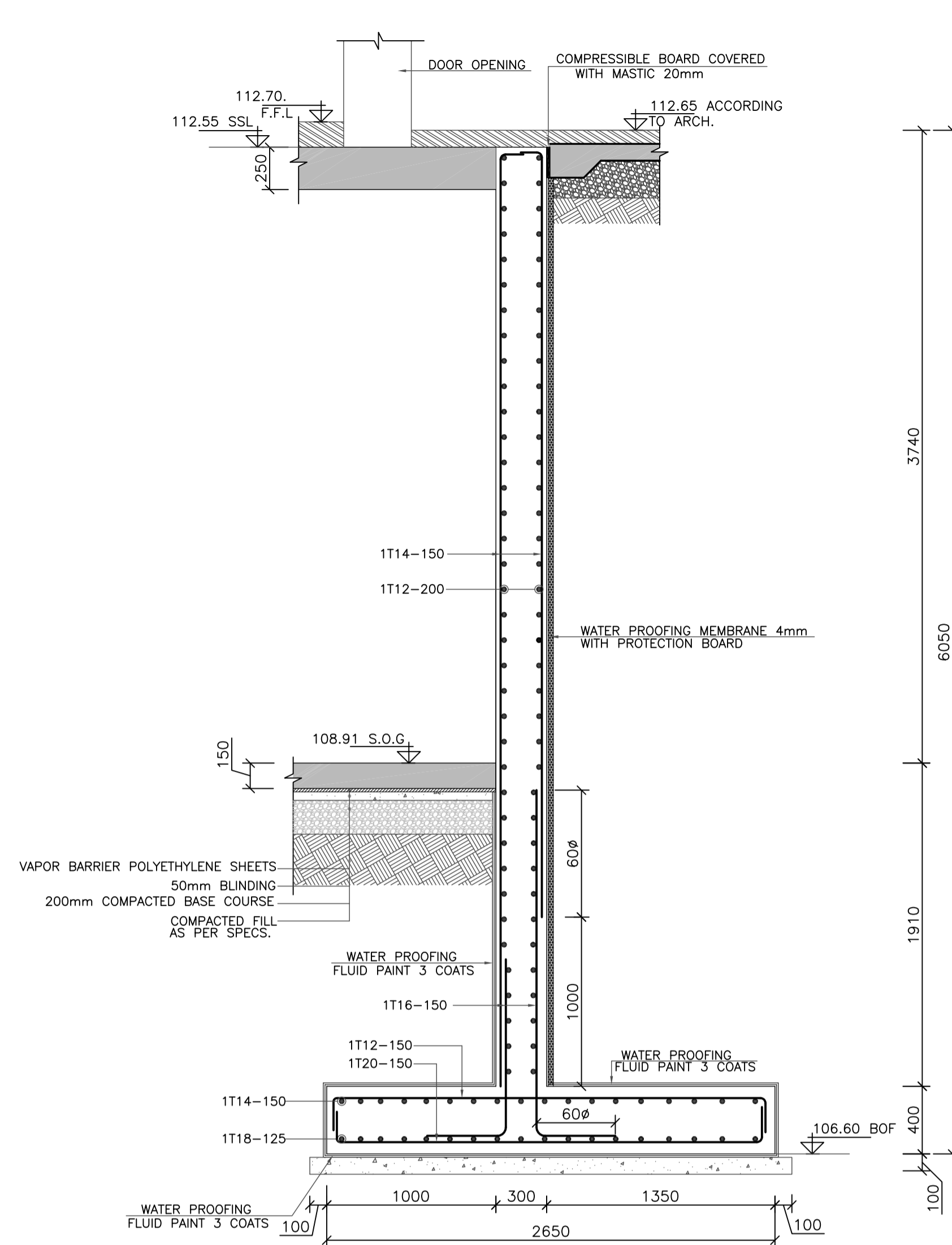
**USAID**  
FROM THE AMERICAN PEOPLE



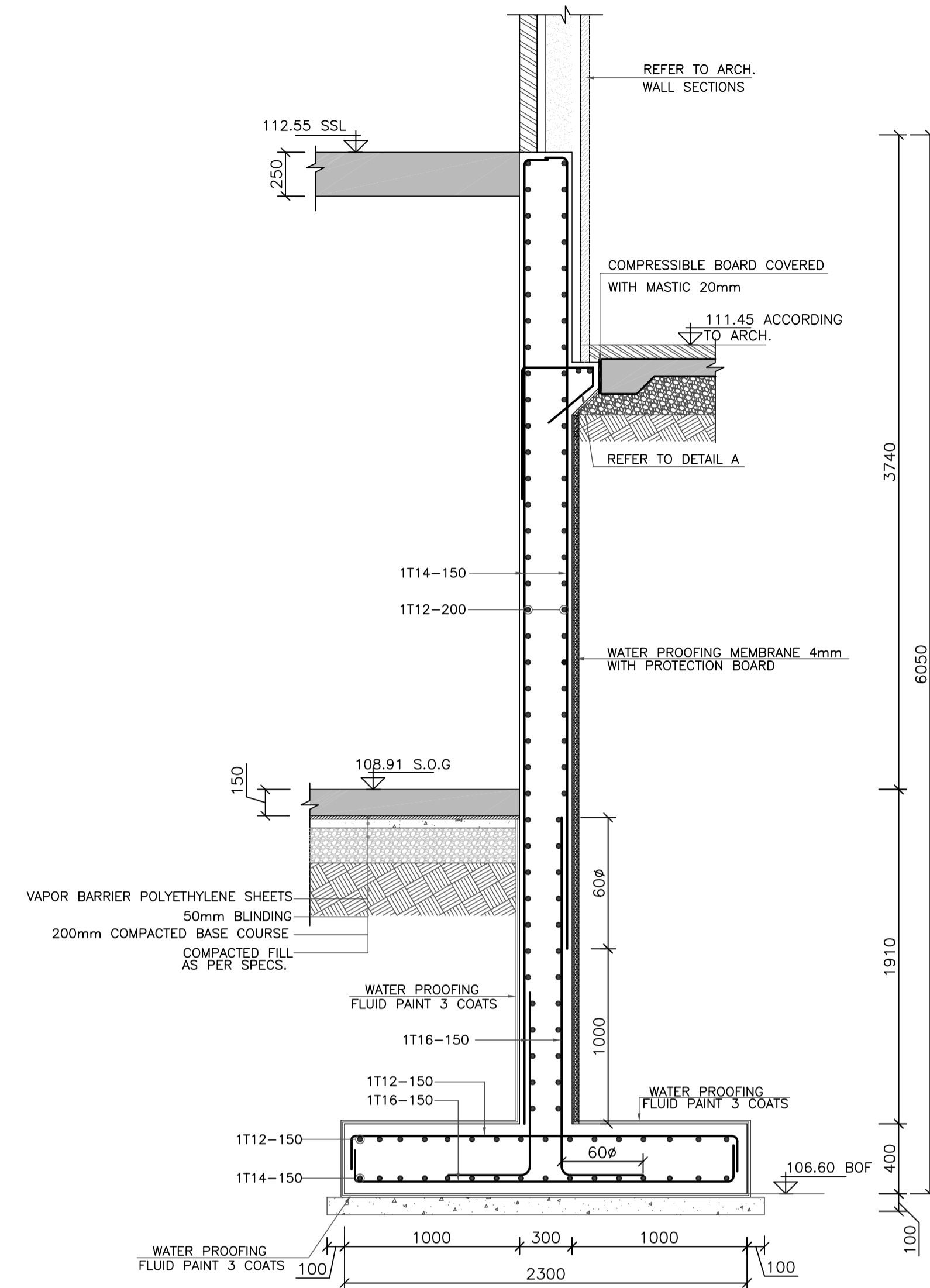
PHASE III	HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)
PACKAGE 2	SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME:	FOUNDATION SECTIONS SHEET 2 OF 5
Design:	M.N.
Scale:	1:25
Drawn:	CAD
Date:	June 2019
Checked:	W.Z.
Approved:	

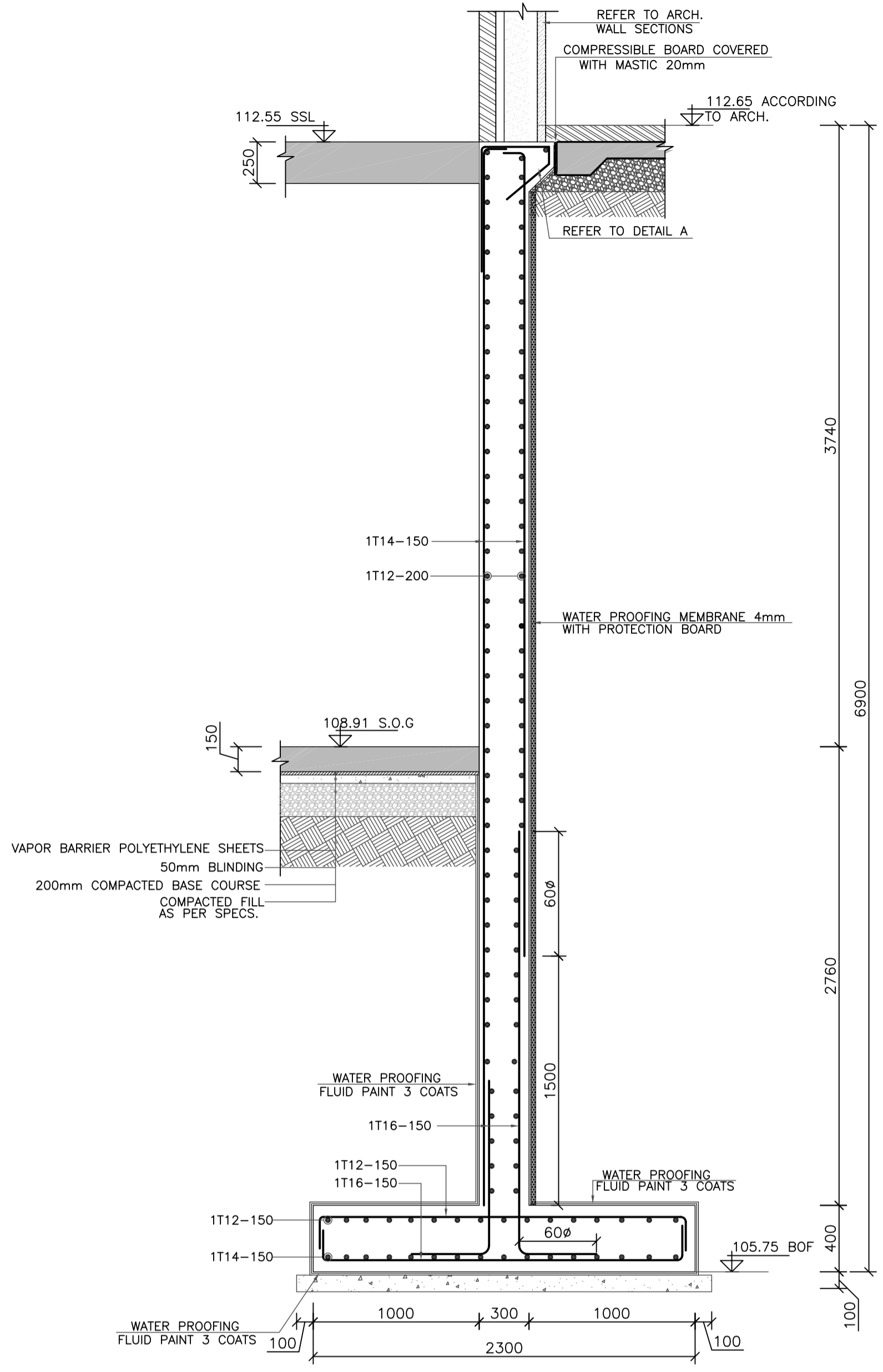
PLOT No	99	LOCATION	AL NABI HOOD	BASIN NO	003-AL HAMRA	DRAWING NUMBER:	SKEP 16- SFD201
Rev:	0	North					



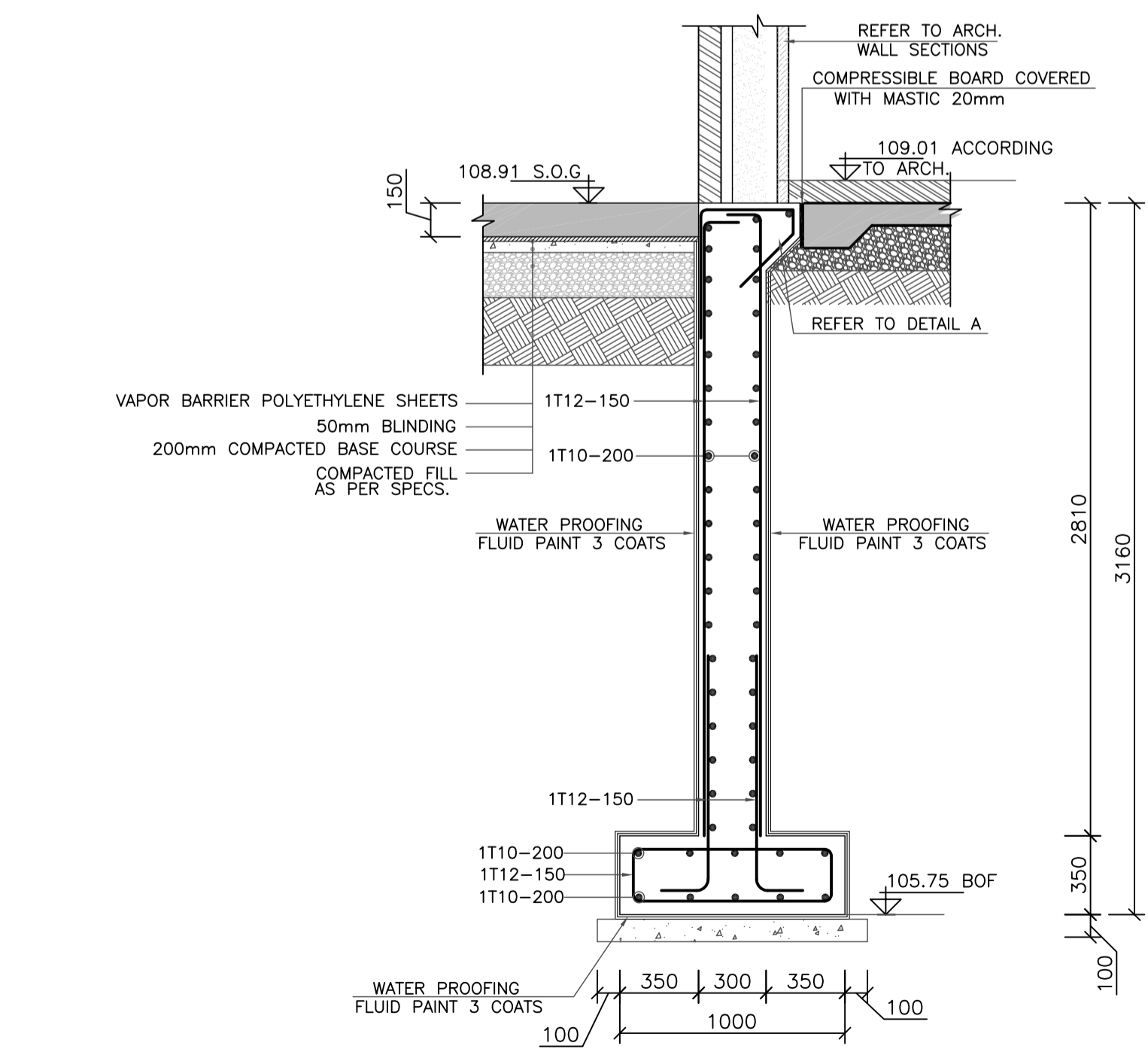
SECTION 15  
1:25



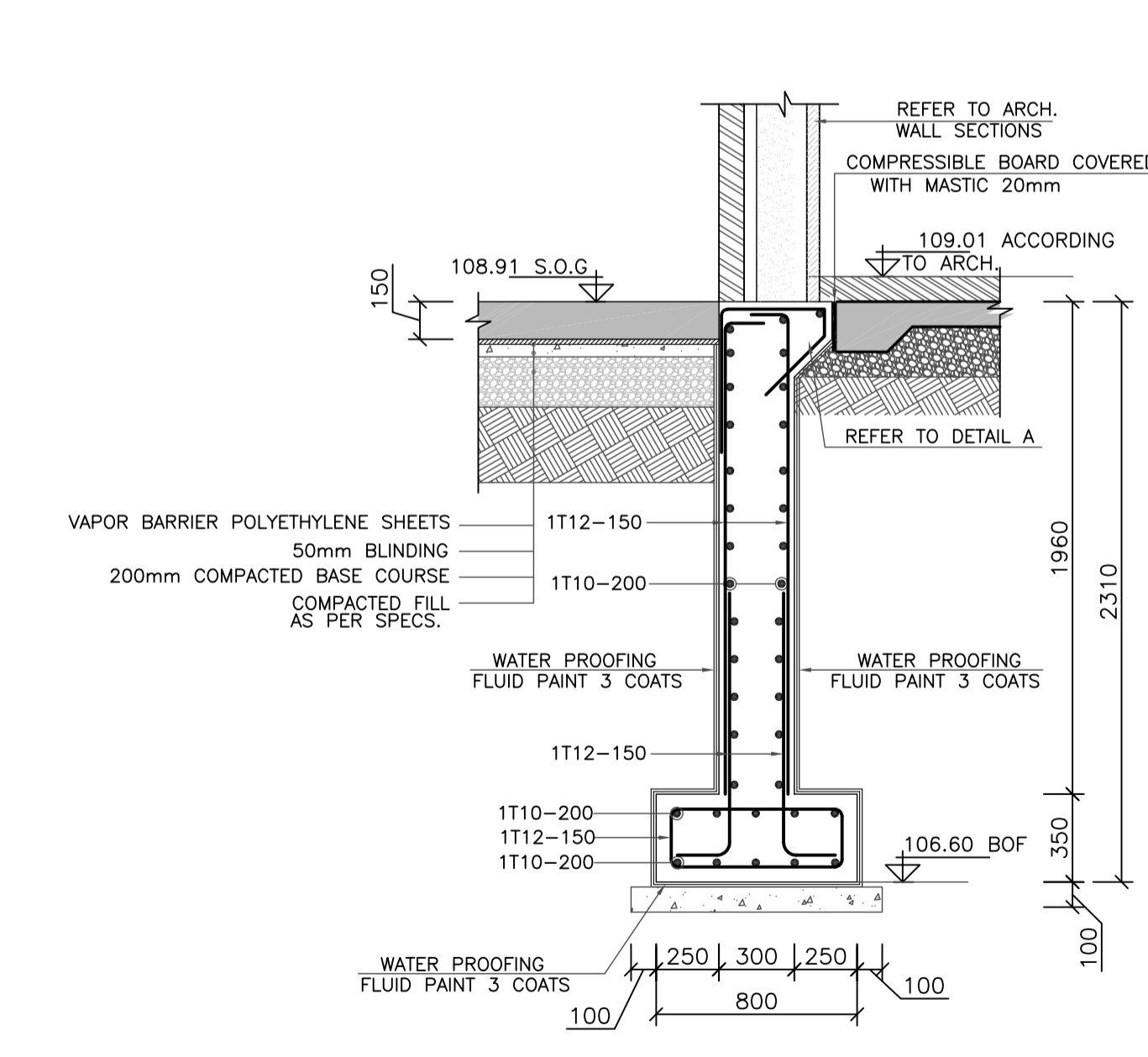
SECTION 16  
1:25



SECTION 17  
1:25



SECTION 18  
1:25



SECTION 19  
1:25

**NOTES:**

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REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

NOTES:



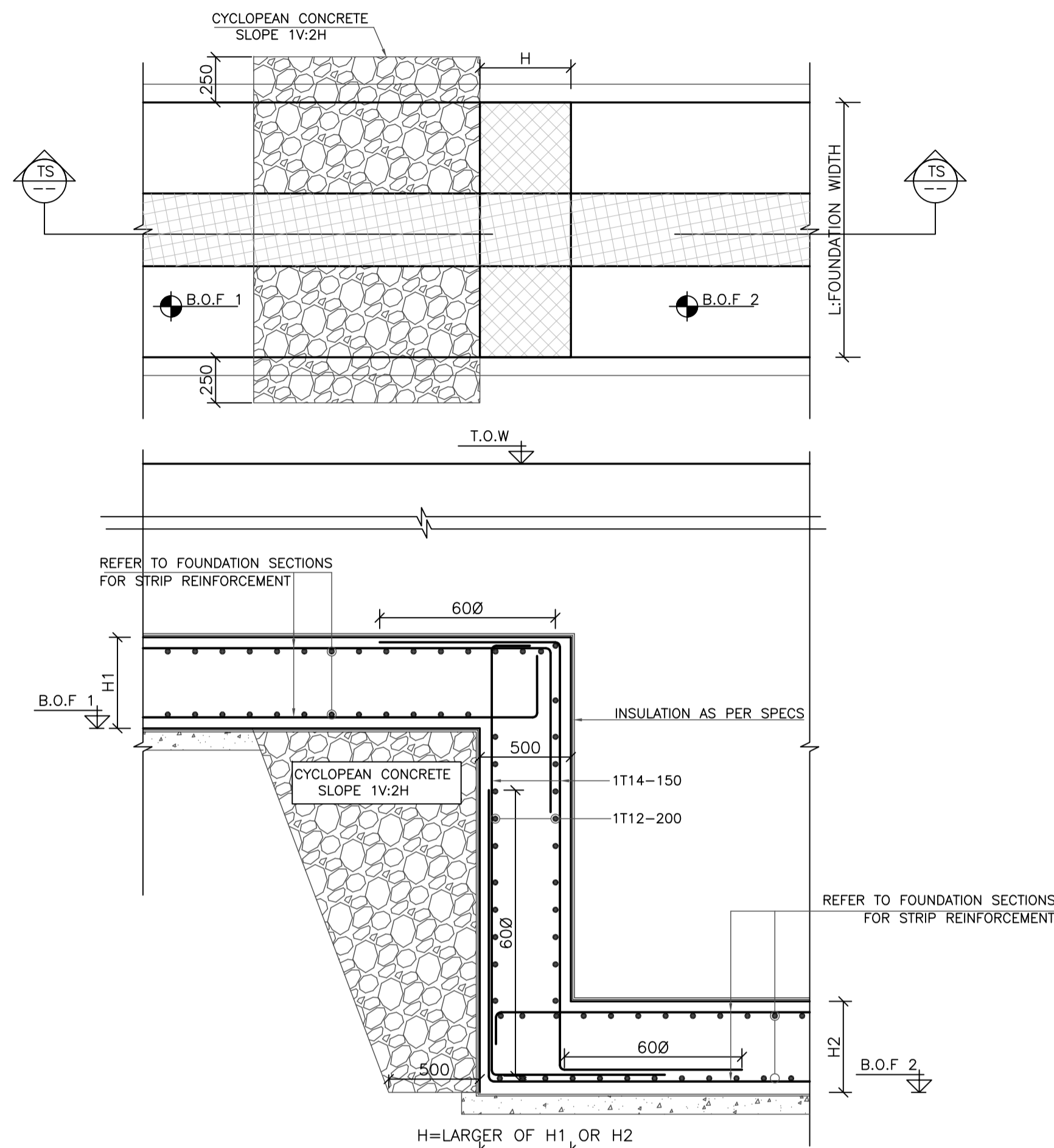
PHASE III	HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)
PACKAGE 2	SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME:	FOUNDATION SECTIONS SHEET 3 OF 5
Design:	M.N.
Scale:	1:25
Drawn:	CAD
Date:	June 2019
Checked:	W.Z.
Approved:	

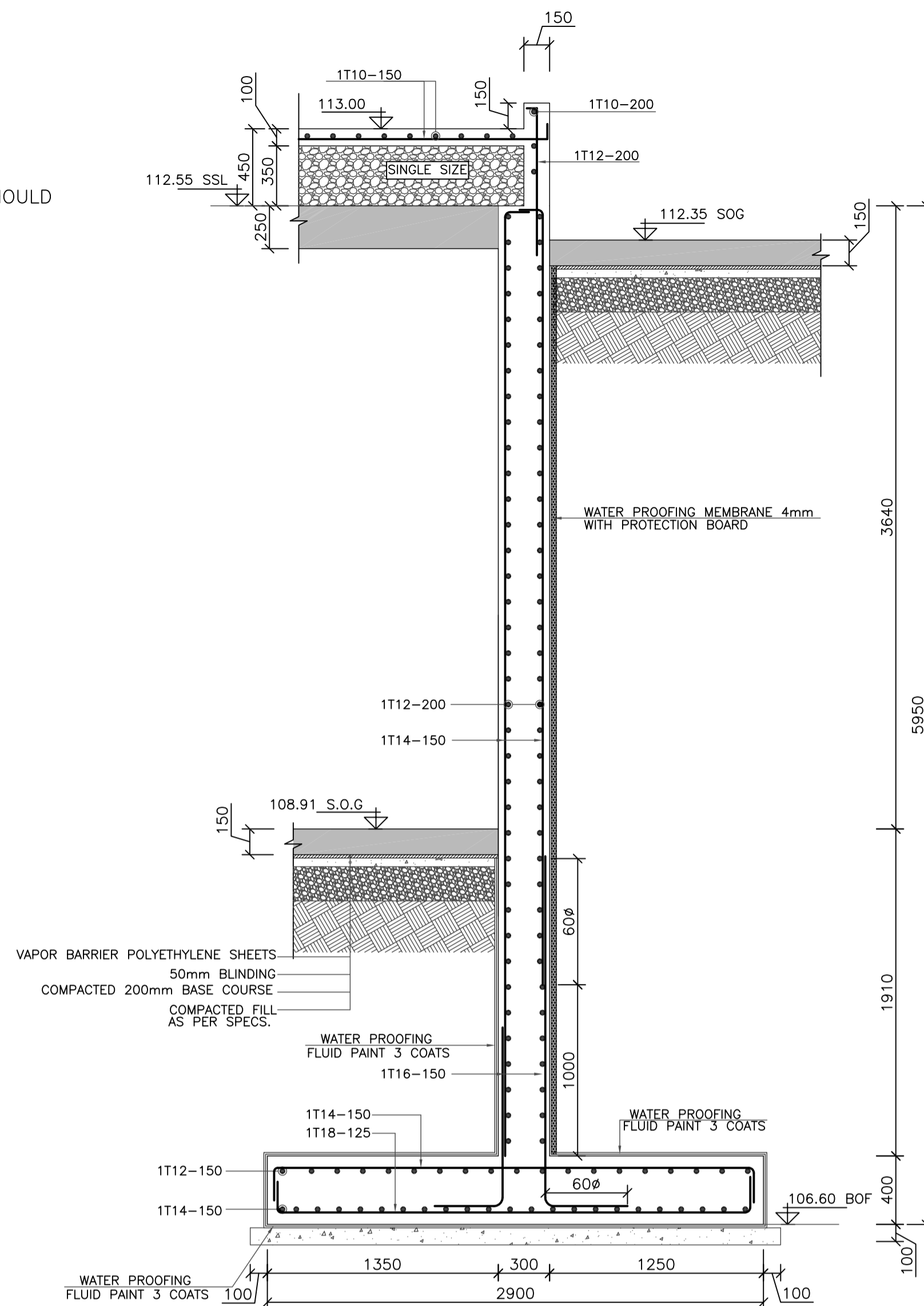
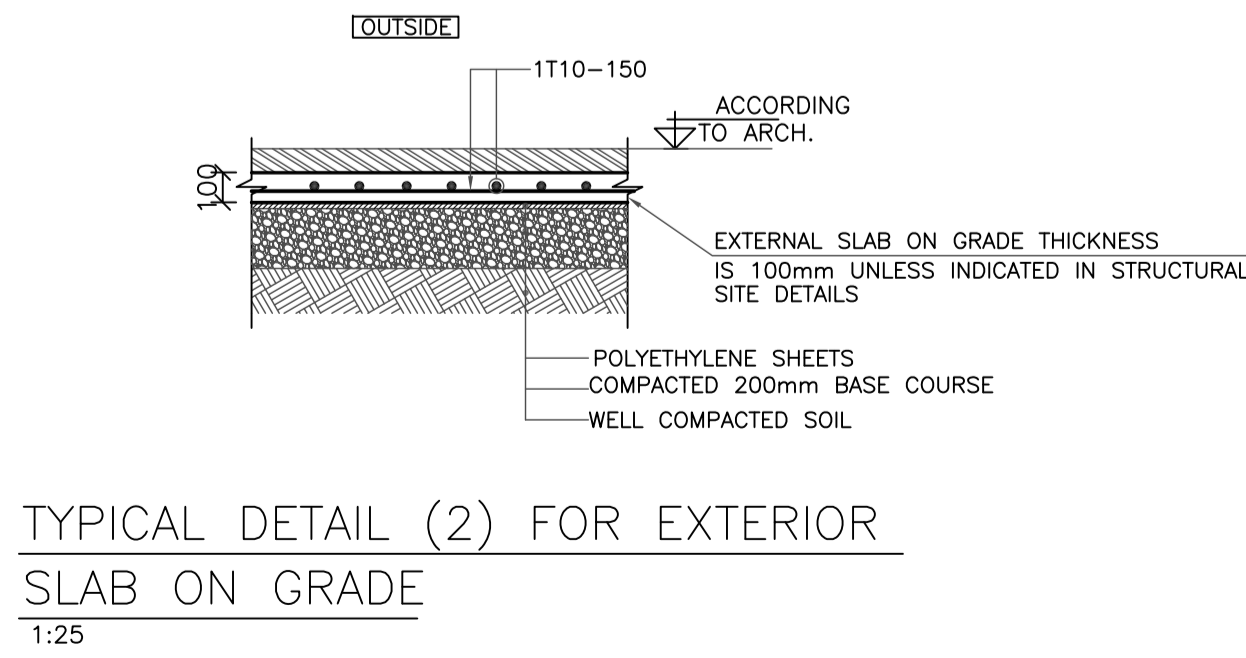
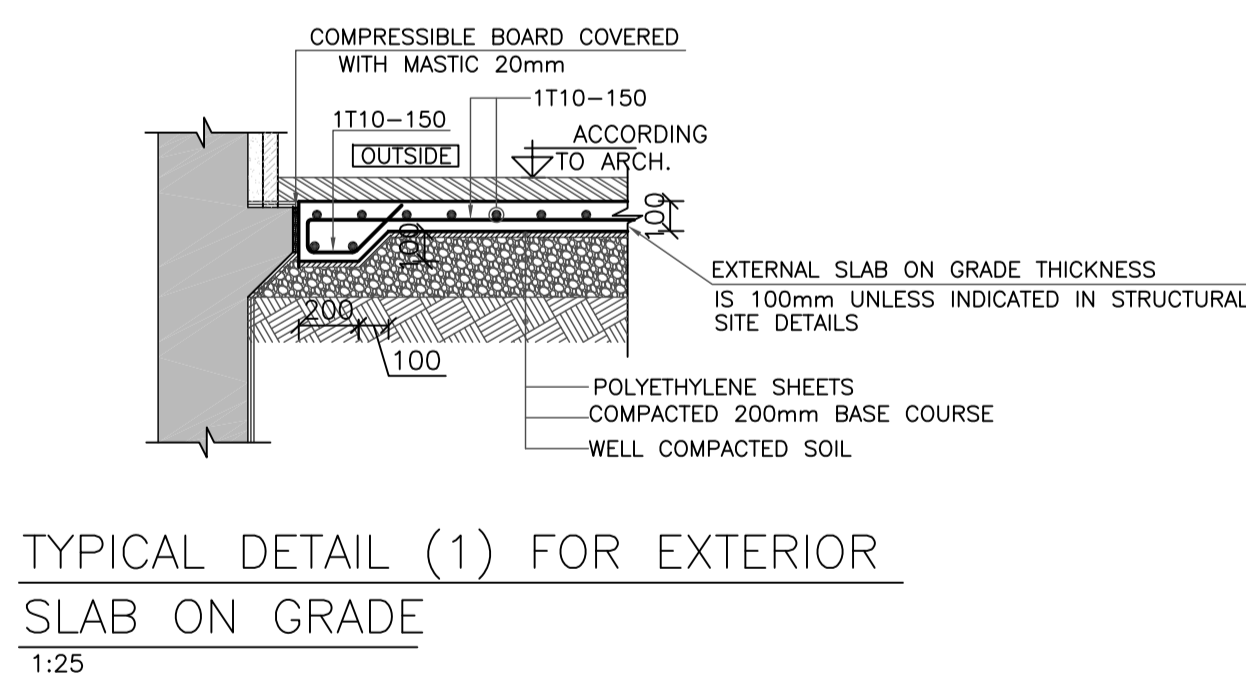
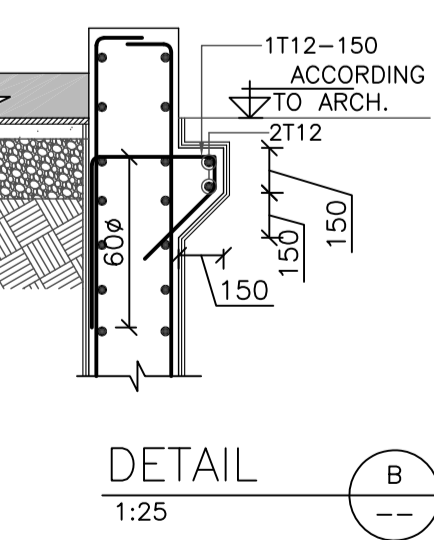
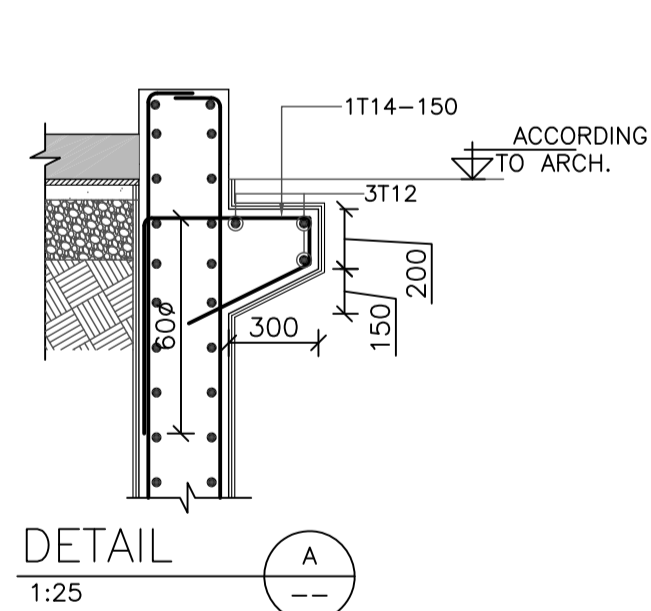
PLOT No	99	LOCATION	AL NABI HOOD	BASIN NO	003-AL HAMRA	DRAWING NUMBER:	SKEP 16- SFD202
Rev.:	0	North					

**NOTES:**

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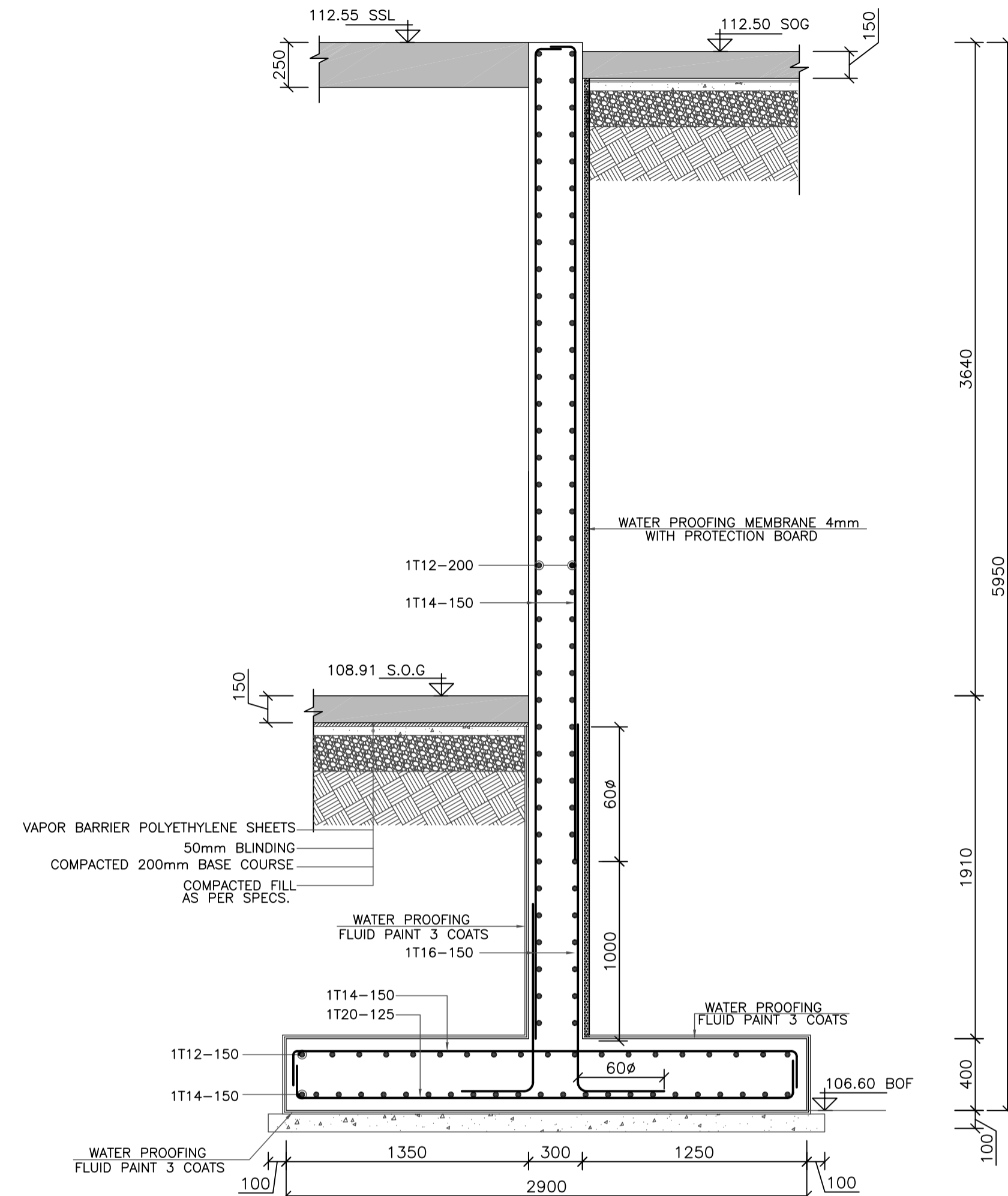


TYPICAL DETAIL FOR DIFFERENCE IN STRIP FOUNDATION LVL.  
1:25



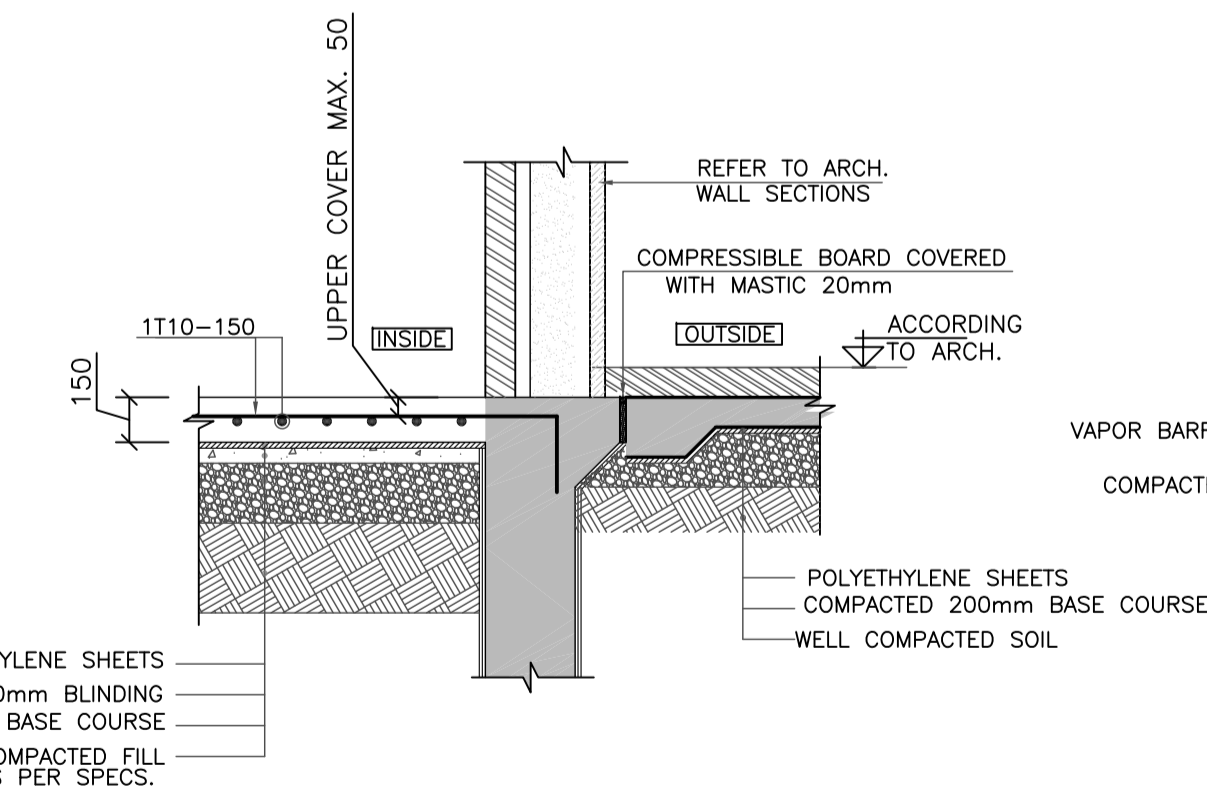
\*LEG OF STARTER BARS IN BASEMENT WALL SHOULD EXTENDED 60Ø IN FOOTING.  
\*THIS SECTION IS BETWEEN GRID A & A'  
\*FOR FOOTING REINFORCEMENT REFER TO DWG. SFP107 STRIP FOOTING SF2

SECTION 19  
1:25

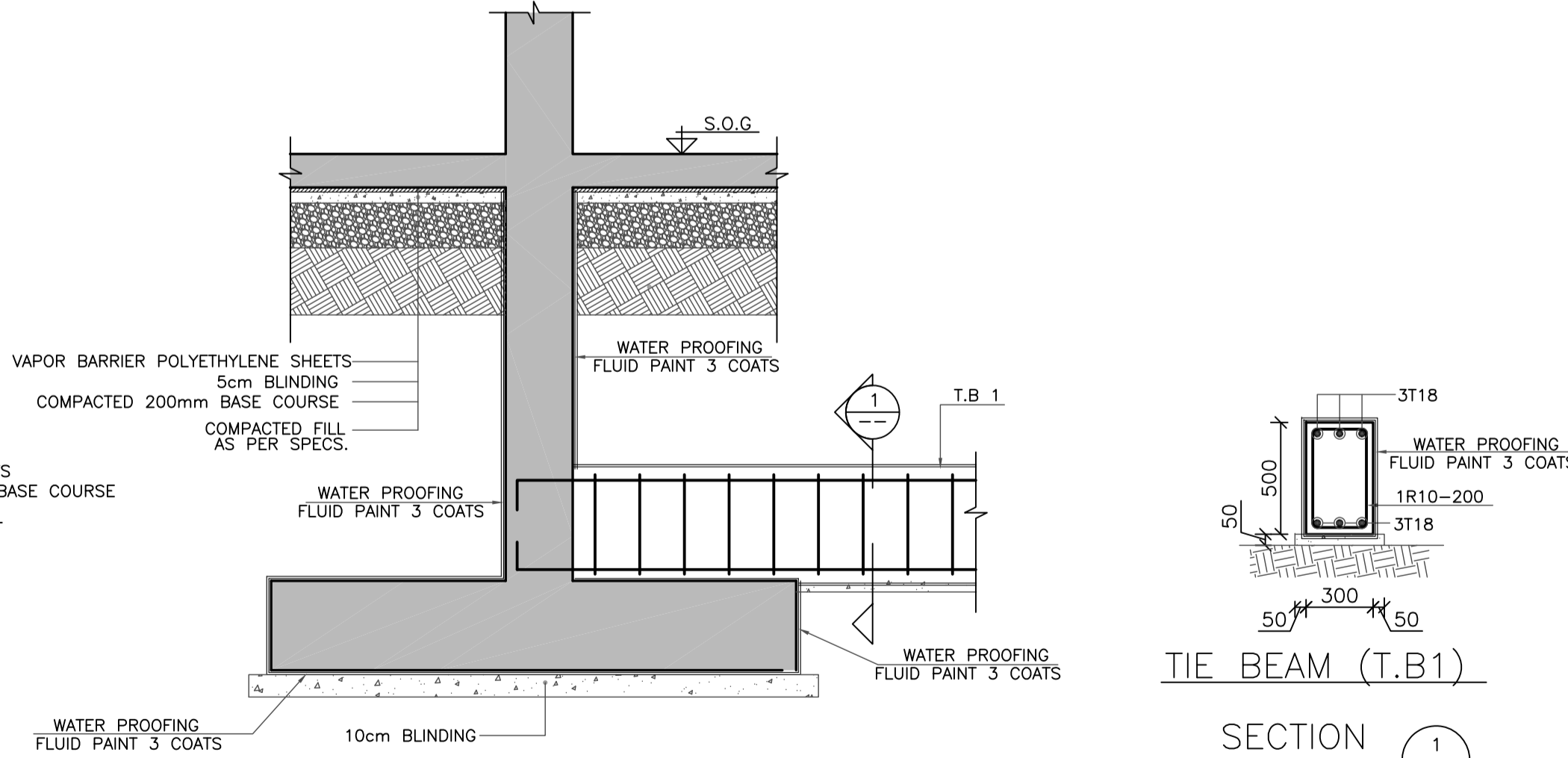


\*LEG OF STARTER BARS IN BASEMENT WALL SHOULD EXTENDED 60Ø IN FOOTING.  
\*FOR FOOTING REINFORCEMENT REFER TO DWG. SFP107 STRIP FOOTING SF2

SECTION 20  
1:25



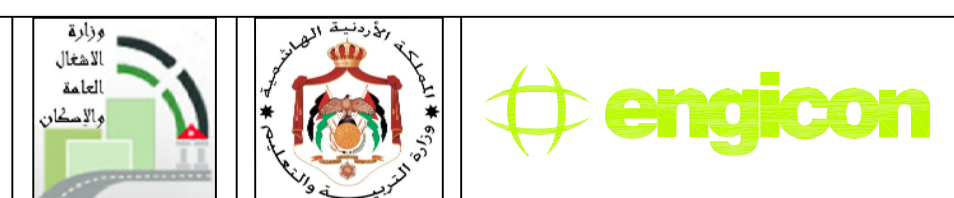
INTERNAL S.O.G. CONNECTION DETAIL  
1:25



TIE BEAM (T.B.1) DETAIL AT TOP OF FOUNDATION LEVEL  
1:25

REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

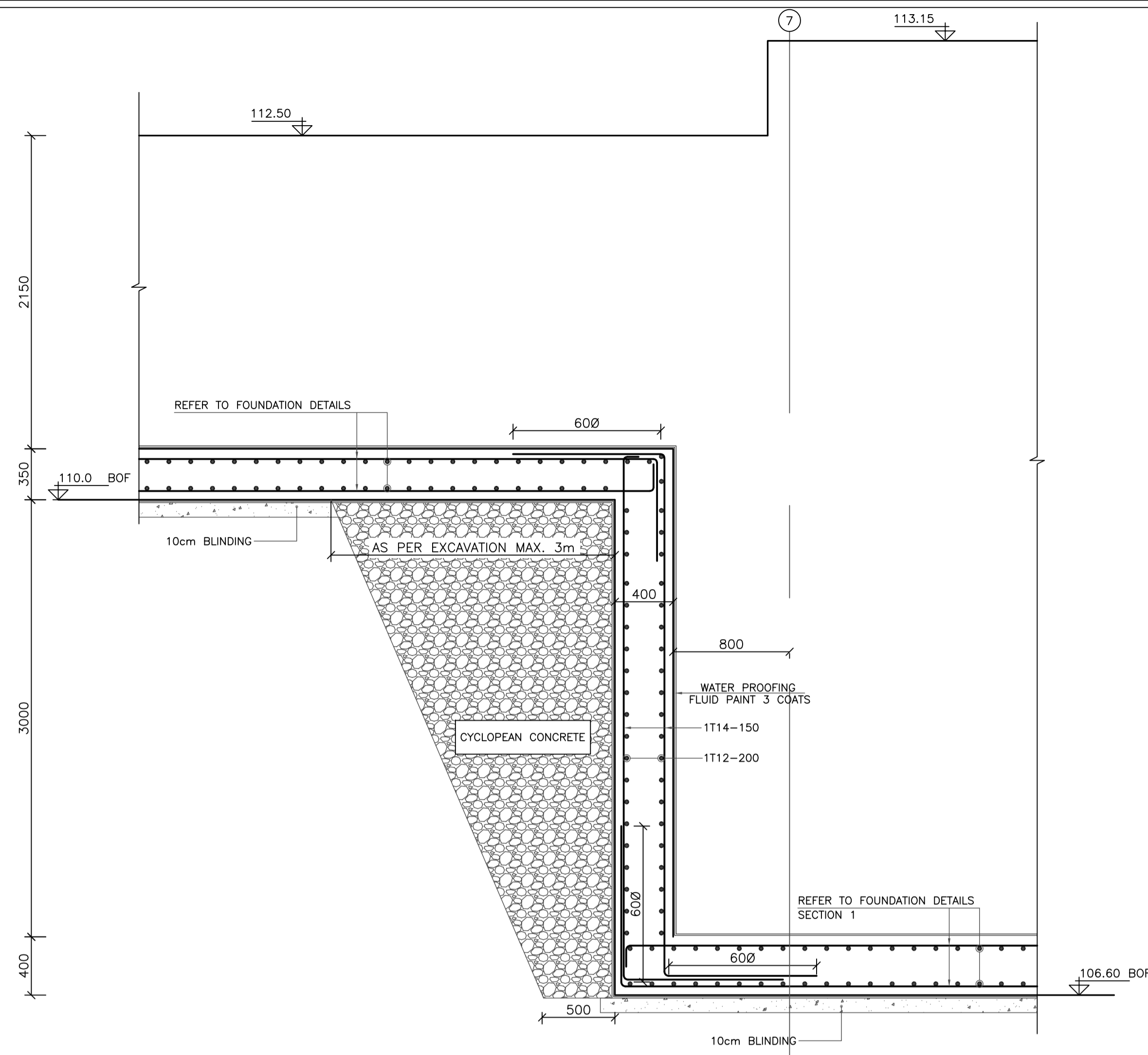
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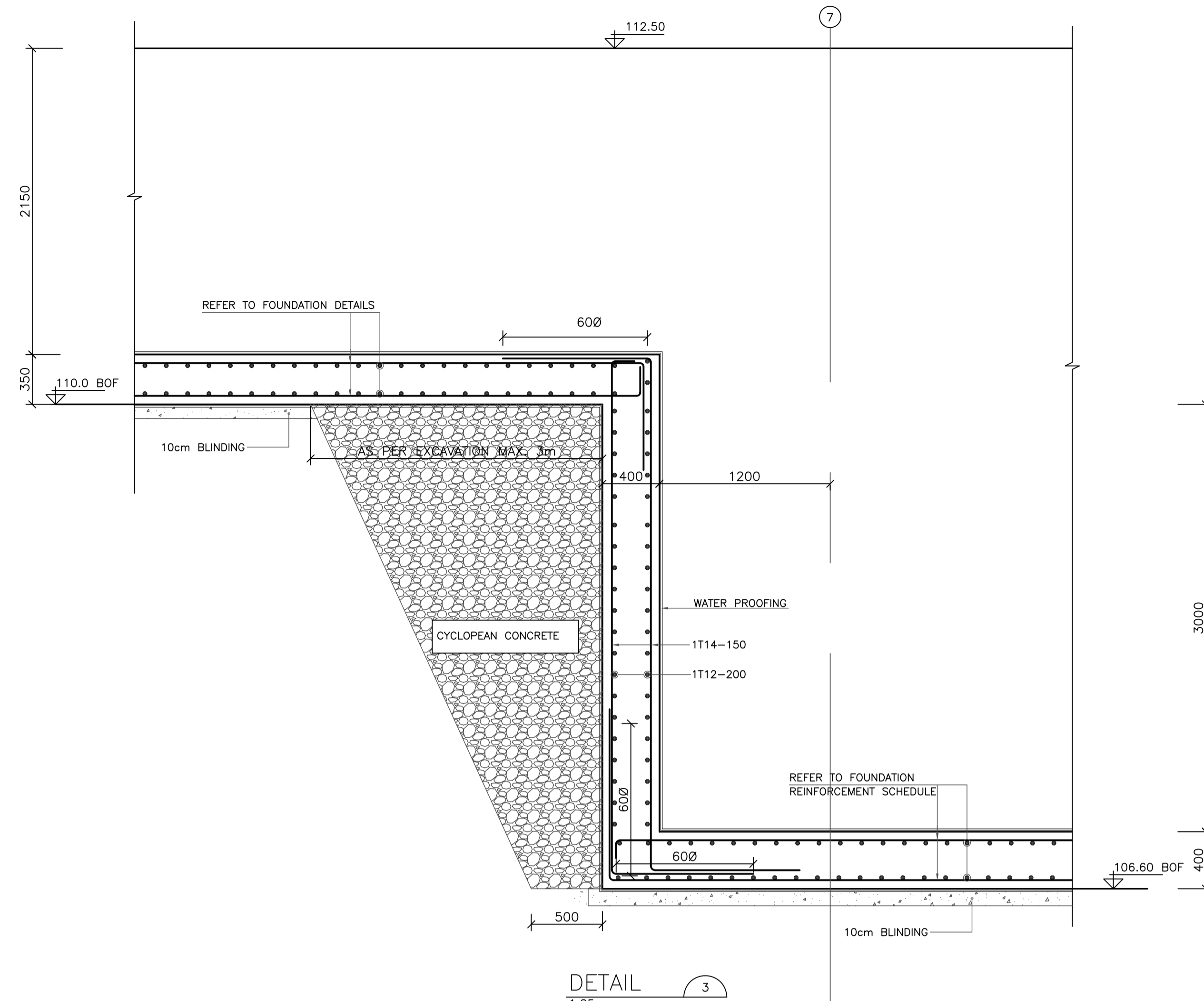
PHASE III	HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)
PACKAGE 2	SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME:	FOUNDATION SECTIONS SHEET 4 OF 5
DESIGN:	M.N.
SCALE:	1:25
DATE:	June 2019
CHECKED:	W.Z.
APPROVED:	

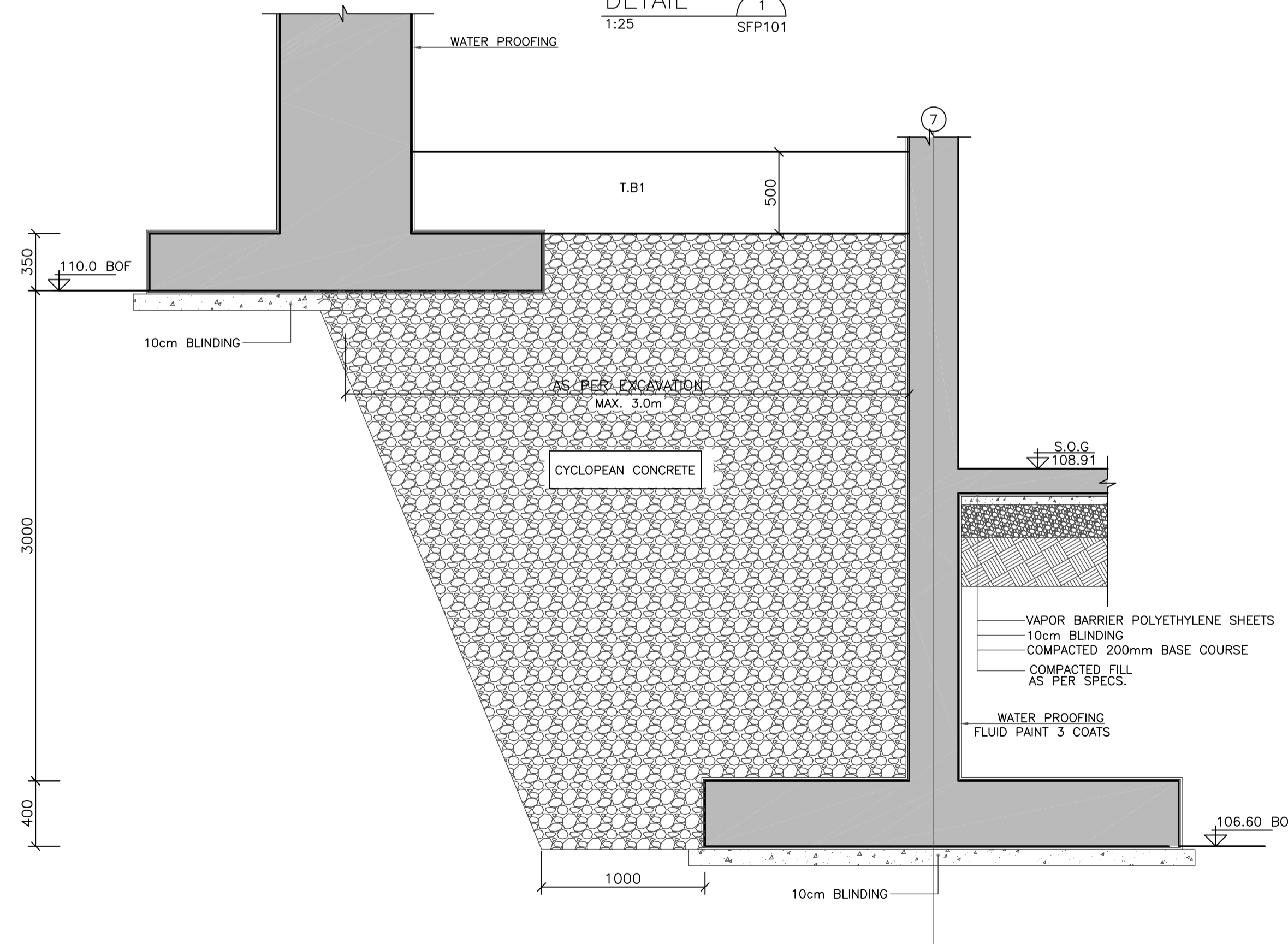
DRAWING NUMBER:	SKEP 16- SFD203
REVISION:	0



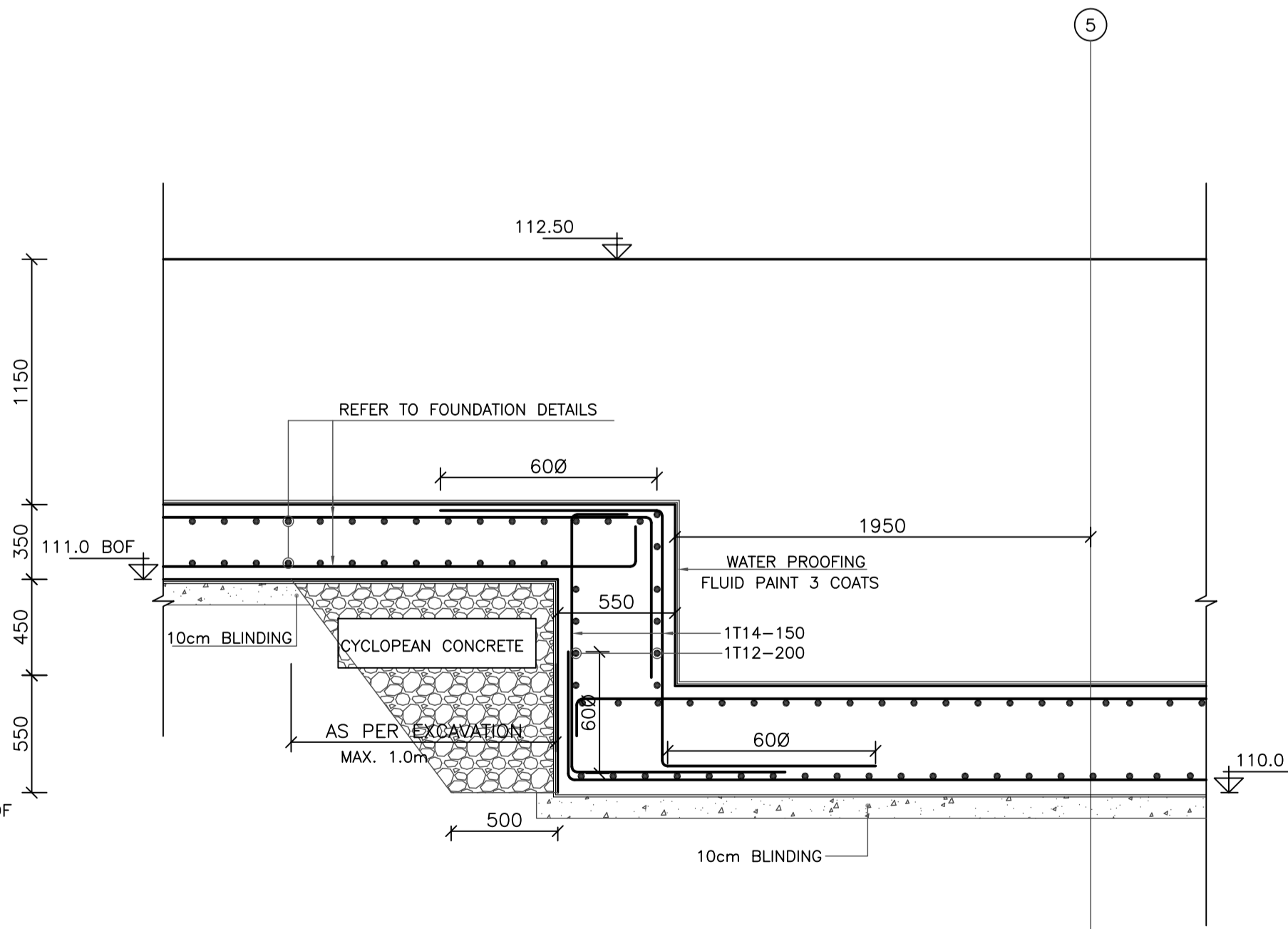
DETAIL 1  
1:25 SFP101



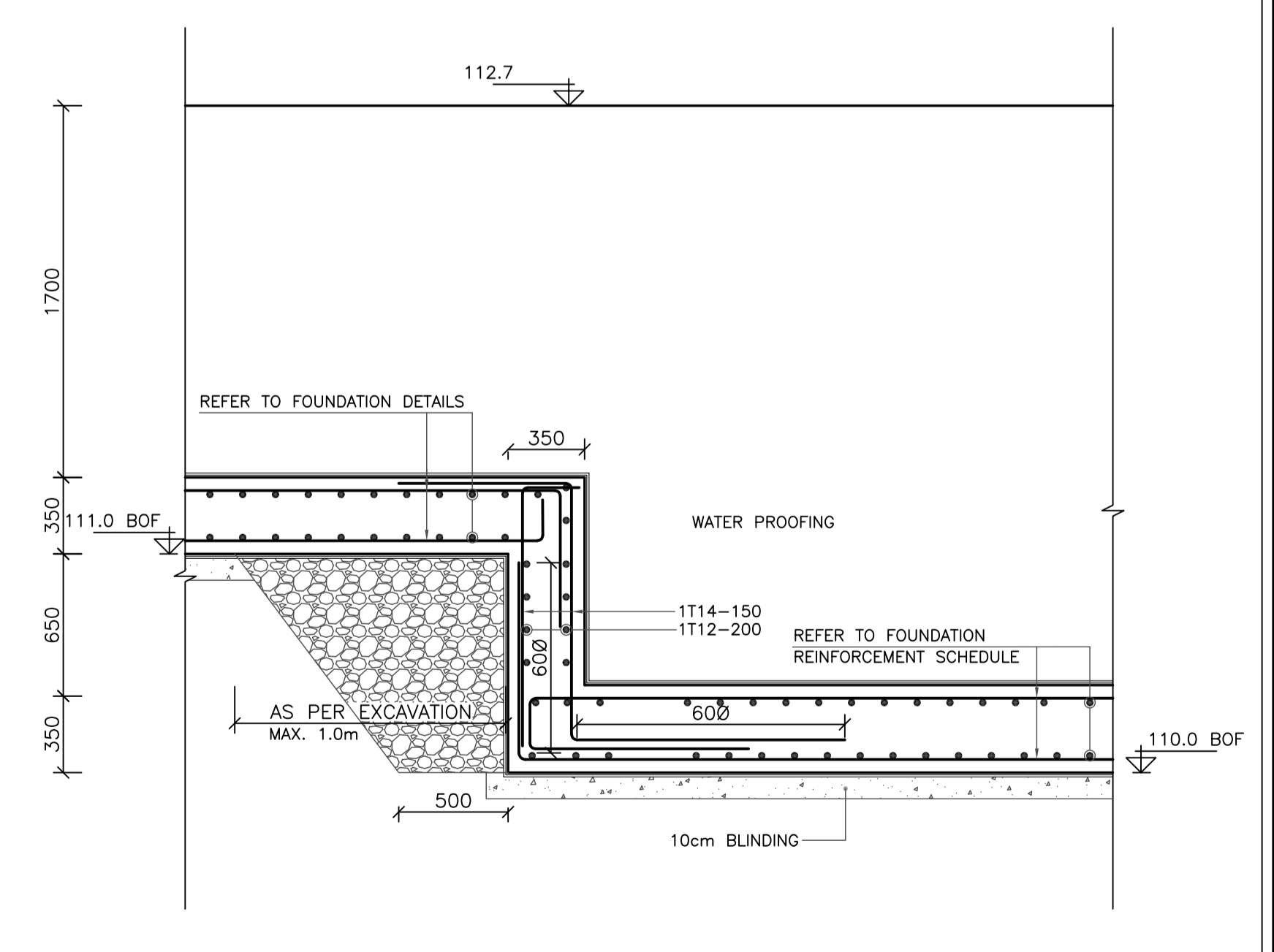
DETAIL 3  
1:25 SFP101



DETAIL 2  
1:25 SFP101



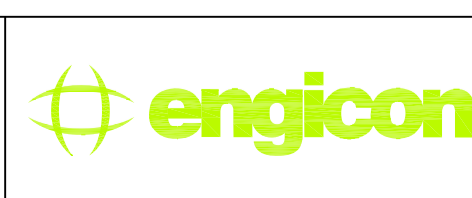
DETAIL 4  
1:25 SFP101



DETAIL 5  
1:25 SFP101

REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

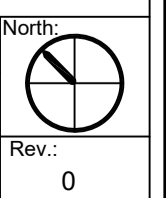
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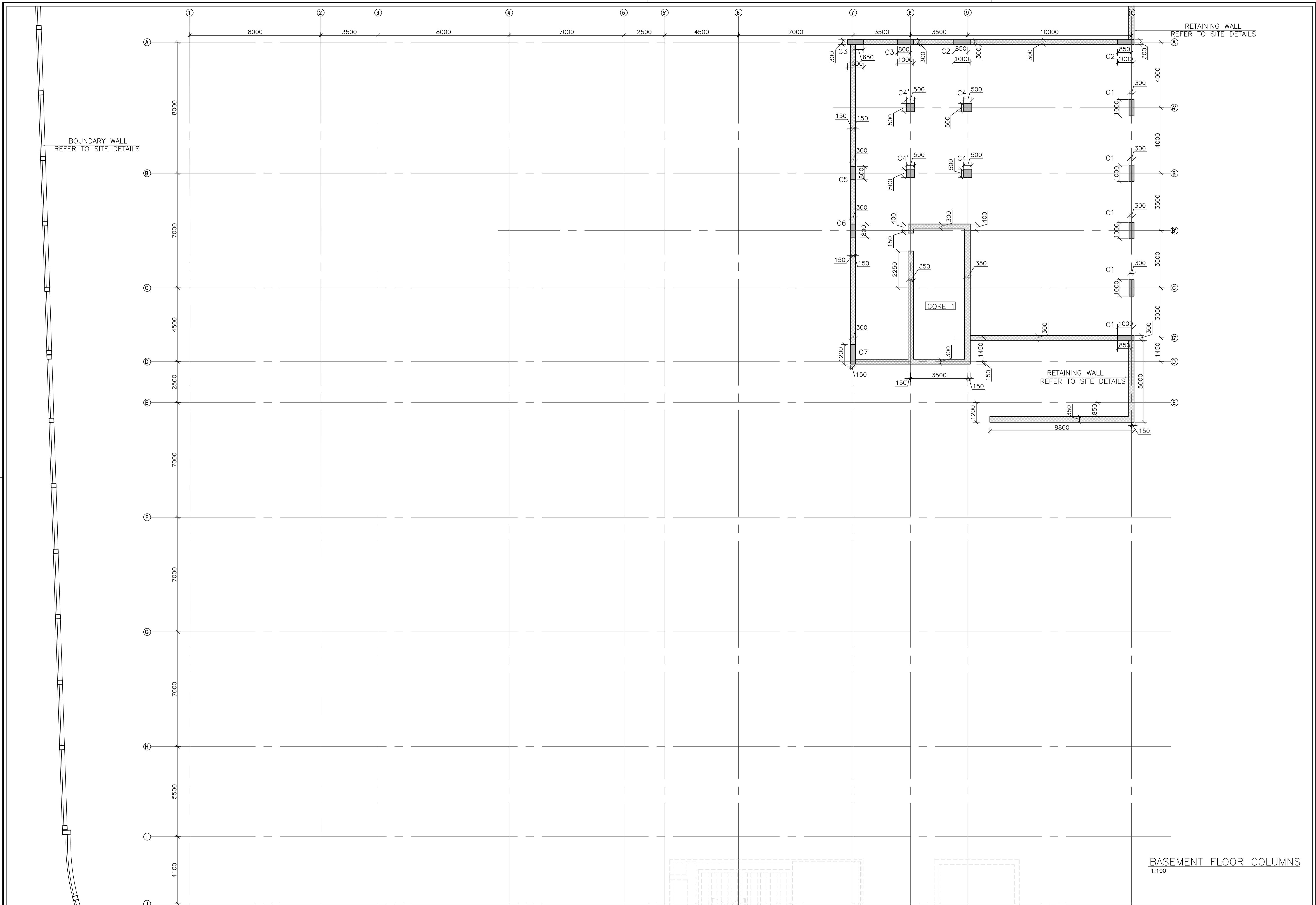


PHASE III HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
PACKAGE 2 SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME: FOUNDATION SECTIONS SHEET 5 OF 5  
PLOT No 99 LOCATION AL NABI HOOD BASIN NO 003-AL HAMRA

Design: M.N. Drawn: CAD Checked: W.Z. Approved: W.Z.  
Scale: 1:25 Date: June 2019  
DRAWING NUMBER: SKEP 16- SFD204





BASEMENT FLOOR COLUMNS  
1:100

REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

NOTES:

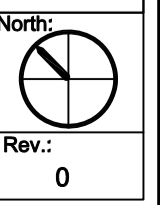


PHASE III  
PACKAGE 2  
HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

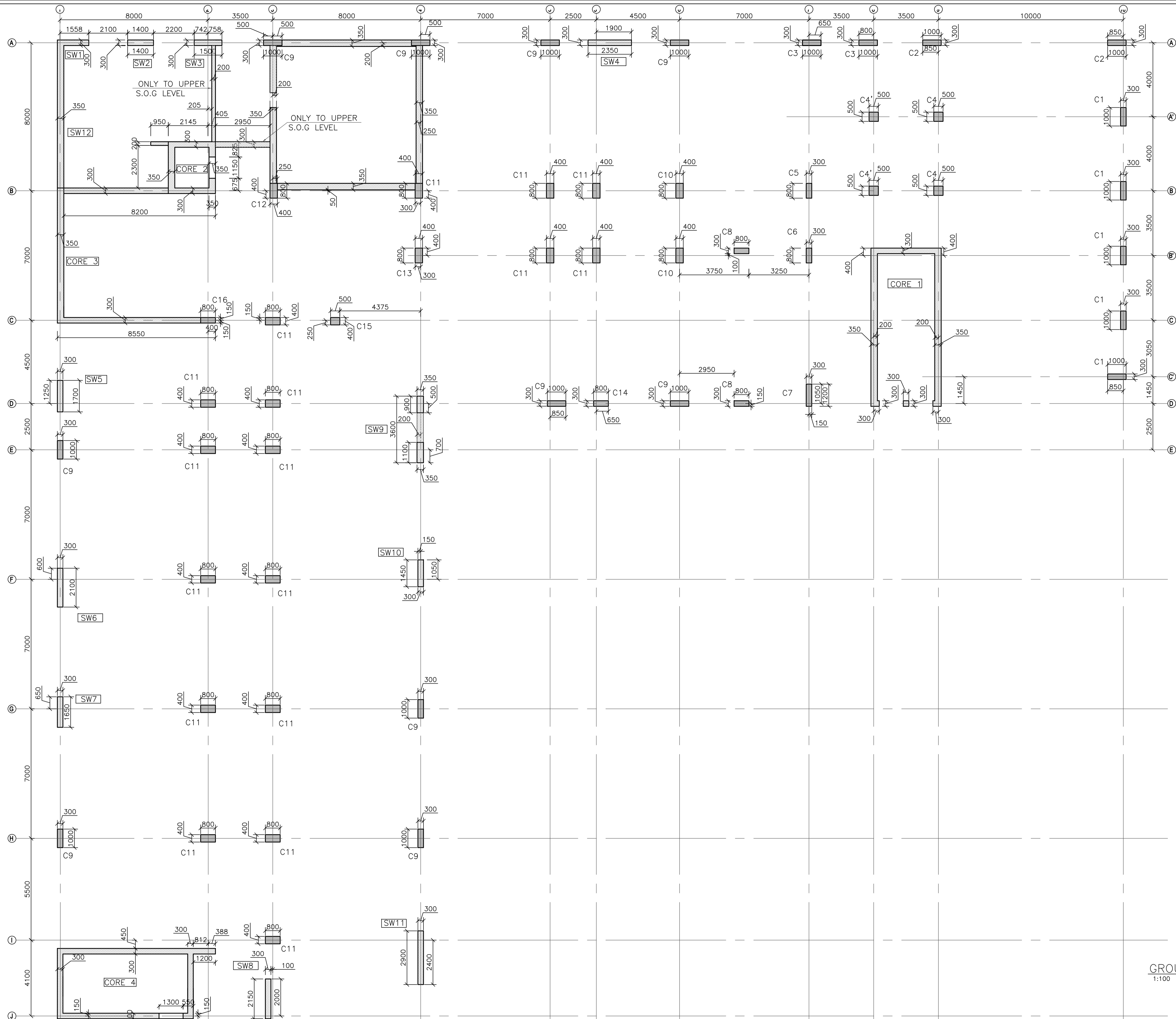
DRAWING NAME:  
BASEMENT FLOOR COLUMNS

Design: M.N.  
Scale: 1:100  
Date: June 2019  
Checked: CAD  
Approved: W.Z.

DRAWING NUMBER:  
SKEP 16-SCP300







GROUND FLOOR COLUMNS  
1:100

REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

NOTES:



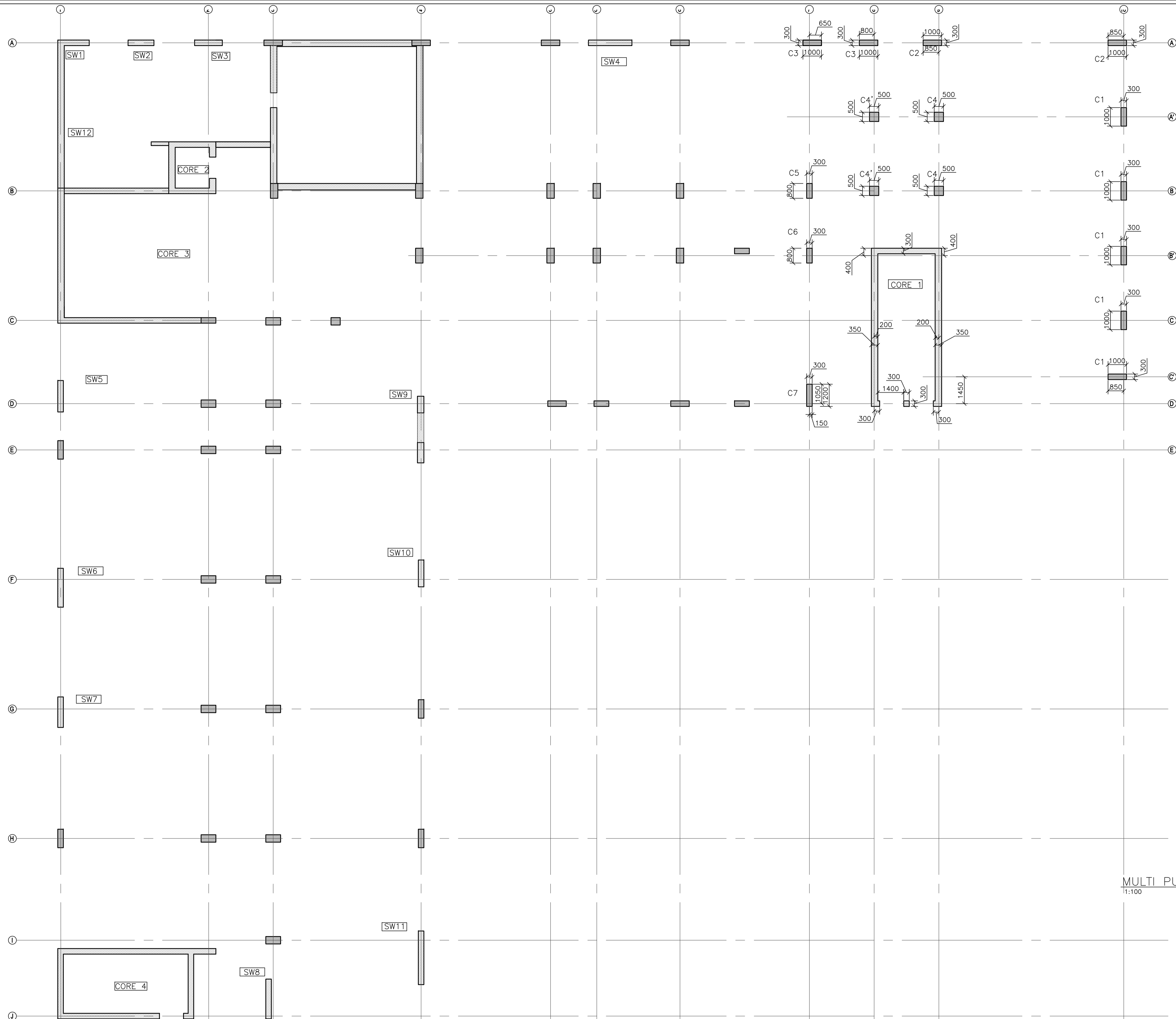
PHASE III  
PACKAGE 2  
HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME:  
GROUND FLOOR COLUMNS

Design: M.N.  
Scale: 1:100  
Date: June 2019  
Approved: W.Z.

Checked: W.Z.  
North:   
Rev.: 0

PLOT No	LOCATION	BASIN NO	DRAWING NUMBER
99	AL NABI HOOD	003-AL HAMRA	SKEP 16-SCP301



MULTI PURPOSE HALL COLUMNS  
1:100

REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

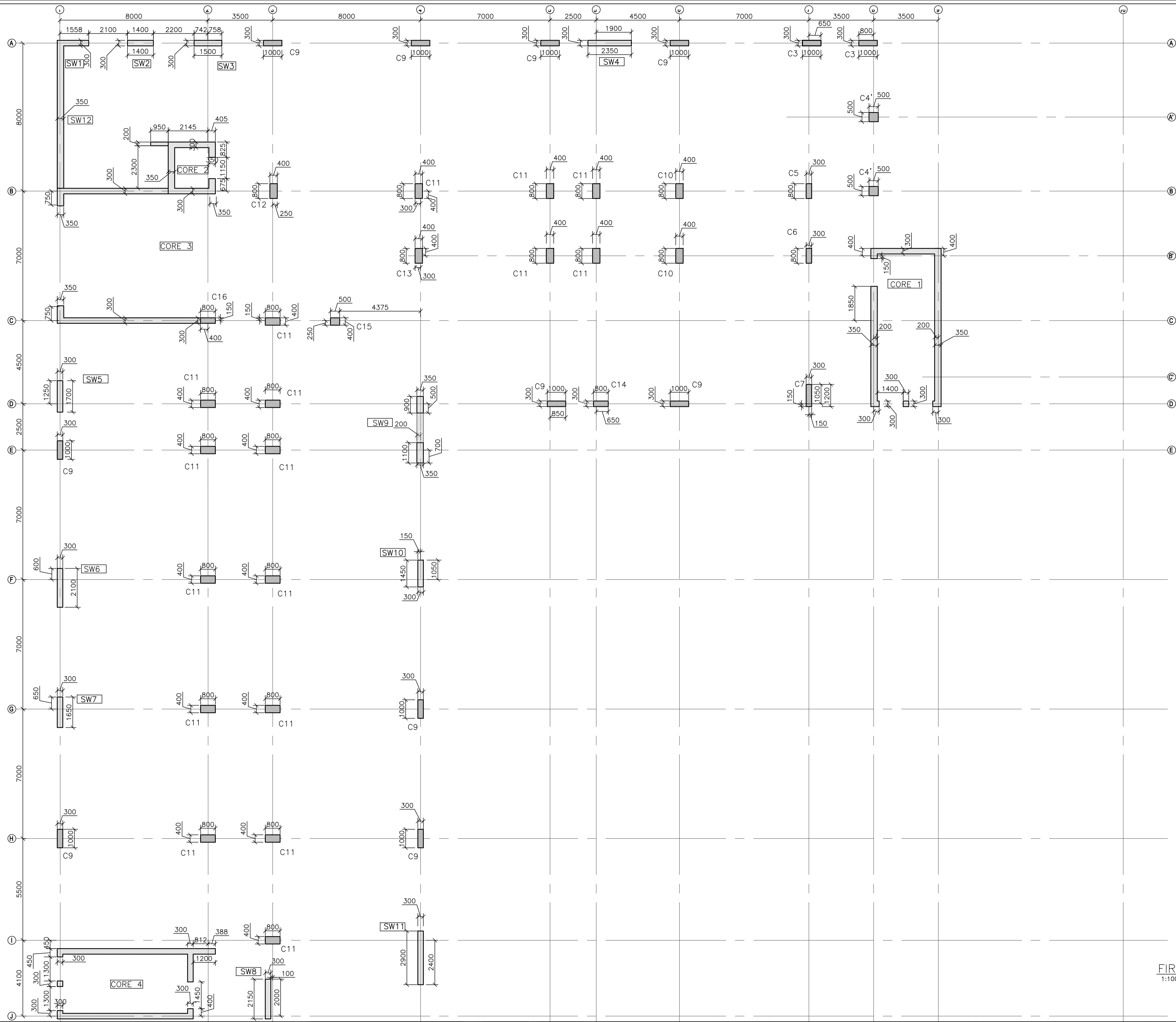
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PHASE III  
PACKAGE 2  
HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME:  
MULTI PURPOSE HALL COLUMNS

Design: M.N.	Drawn: CAD	Checked:	North:
Scale: 1:100	Date: June 2019	Approved: W.Z.	
DRAWING NUMBER: SKEP 16-SCP301A		Rev: 0	



FIRST FLOOR COLUMNS  
1:100

REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

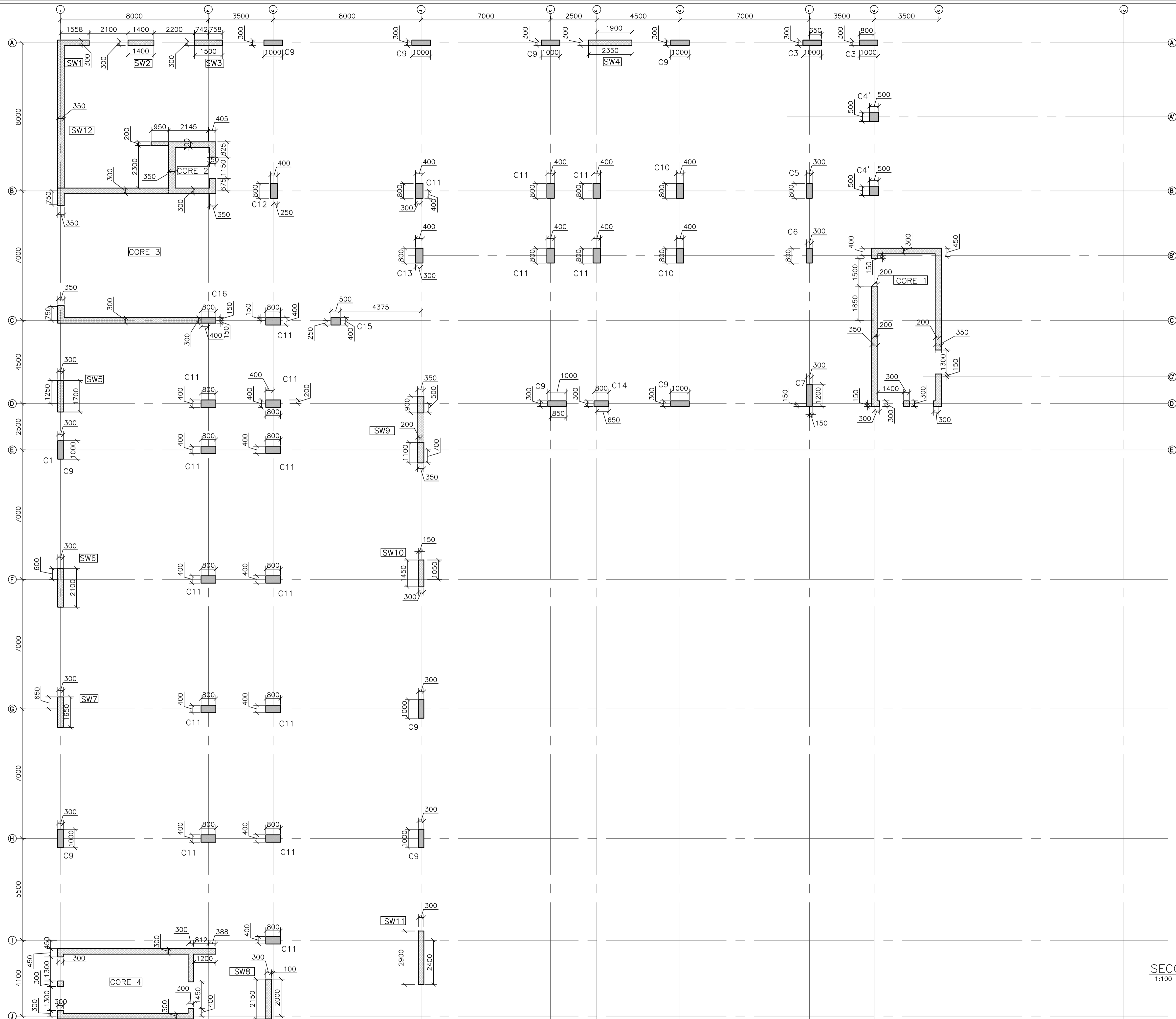
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PHASE III  
PACKAGE 2  
HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME: FIRST FLOOR COLUMNS		
PLOT No 99	LOCATION AL NABI HOOD	BASIN NO 003-AL HAMRA

Design: M.N.	Drawn: CAD	Checked:	North:
Scale: 1:100	Date: June 2019	Approved: W.Z.	Rev.: 0
DRAWING NUMBER: SKEP 16-SCP302			



SECOND FLOOR COLUMNS  
1:100

REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

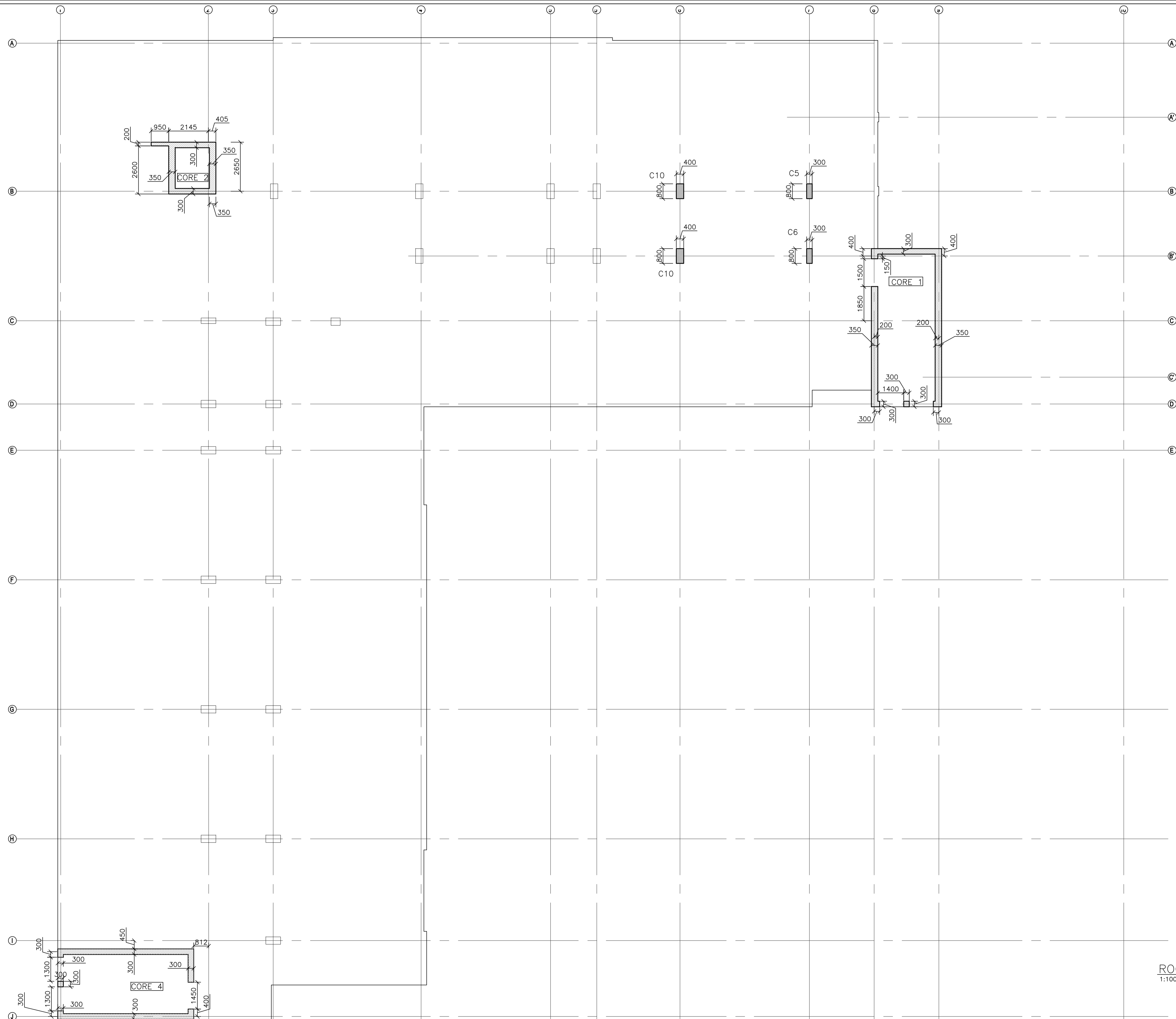
NOTES:



PHASE III HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
 PACKAGE 2 SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME: SECOND FLOOR COLUMNS  
 Design: M.N.  
 Scale: 1:100  
 Drawn: CAD  
 Date: June 2019  
 Checked: W.Z.  
 Approved: W.Z.

DRAWING NUMBER: SKEP 16-SCP303  
 Rev: 0



ROOF FLOOR COLUMNS  
1:100

REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

NOTES:

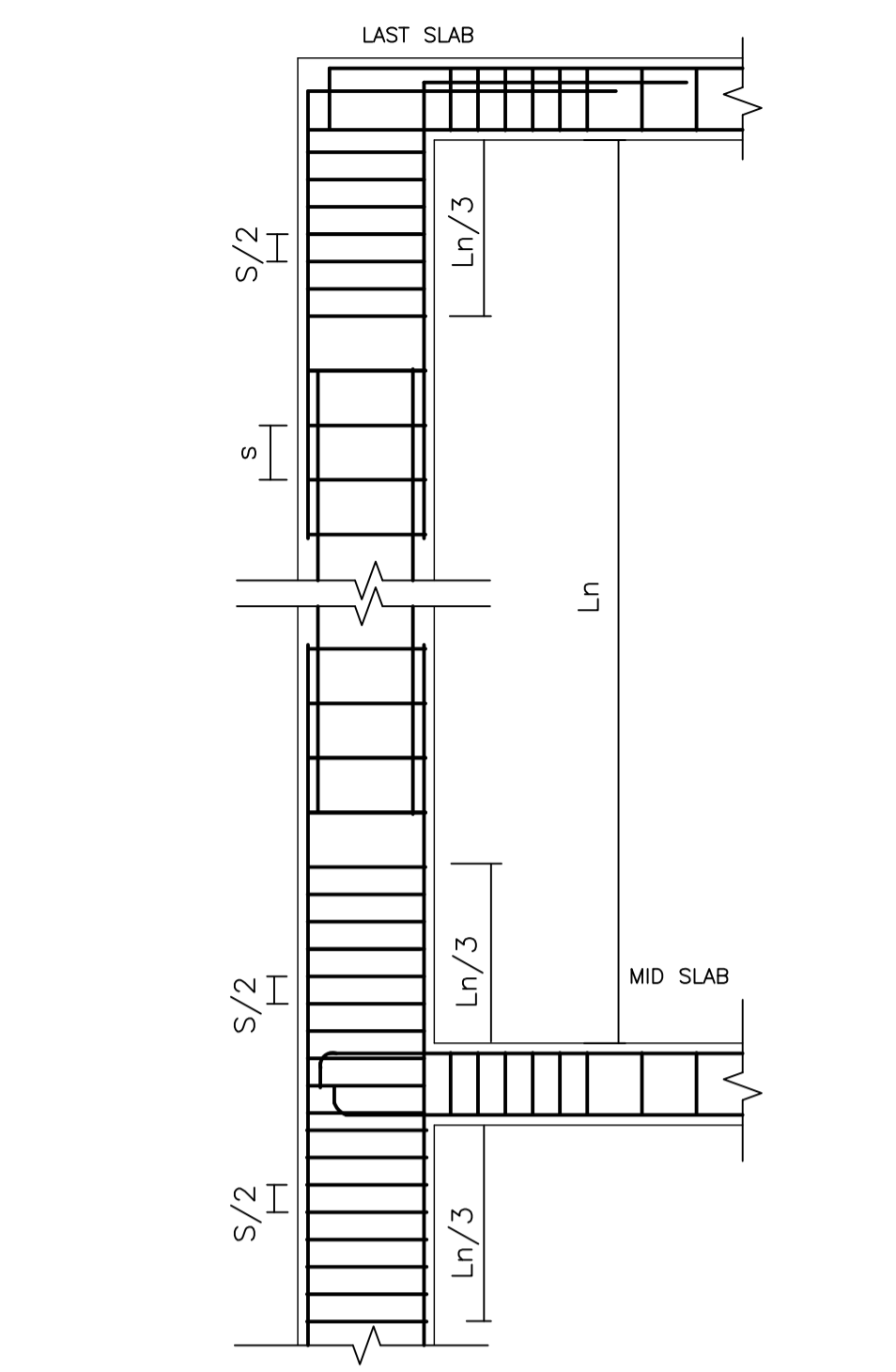


PHASE III HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
 PACKAGE 2 SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

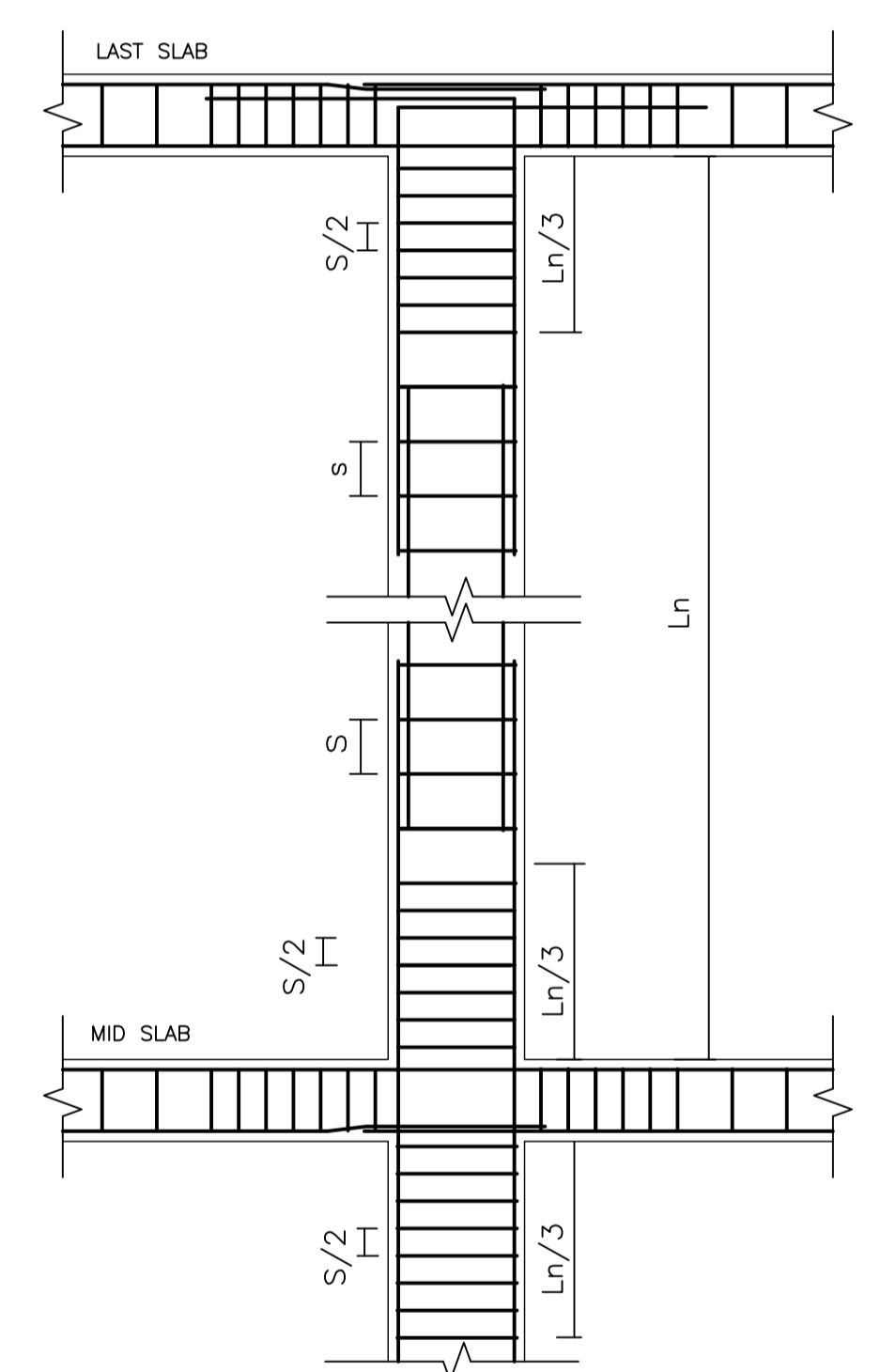
DRAWING NAME: ROOF FLOOR COLUMNS		Design: M.N.	Drawn: CAD	Checked:	North:
PLOT No: 99		Scale: 1:100	Date: June 2019	Approved: W.Z.	Rev.: 0
LOCATION: AL NABI HOOD	BASIN NO: 003-AL HAMRA	DRAWING NUMBER: SKEP 16-SCP304			

REINFORCEMENT OF COLUMNS TABLE 1

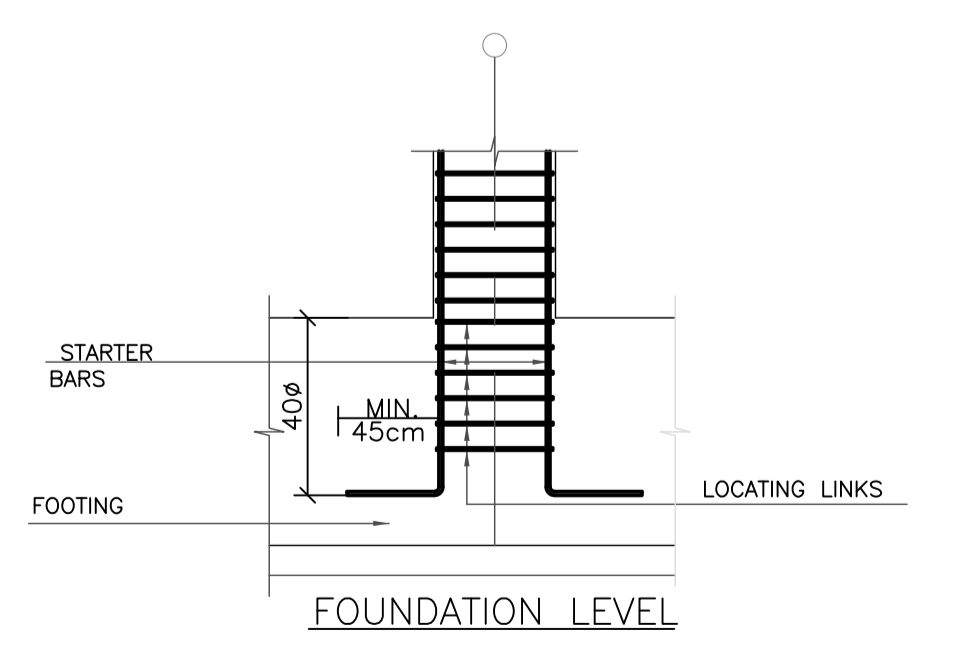
COLUMN	BASEMENT	GROUND FLOOR	MULTI-PURPOSE LEVEL AT 117.95 (1.76m above ground f. top slab)	FIRST FLOOR	SECOND FLOOR	ROOF FLOOR
C1 NO. OF COLUMNS: 5						
C2 NO. OF COLUMNS: 2						
C3 NO. OF COLUMNS: 2						
C4 NO. OF COLUMNS: 2						
C4' NO. OF COLUMNS: 2						
C5 NO. OF COLUMNS: 1						
C6 NO. OF COLUMNS: 1						
C7 NO. OF COLUMNS: 1						



TYPICAL REINFORCEMENT DETAIL EXTERIOR BEAM :COLUMN JOINT



TYPICAL REINFORCEMENT DETAIL INTERIOR BEAM :COLUMN JOINT



REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

NOTES:



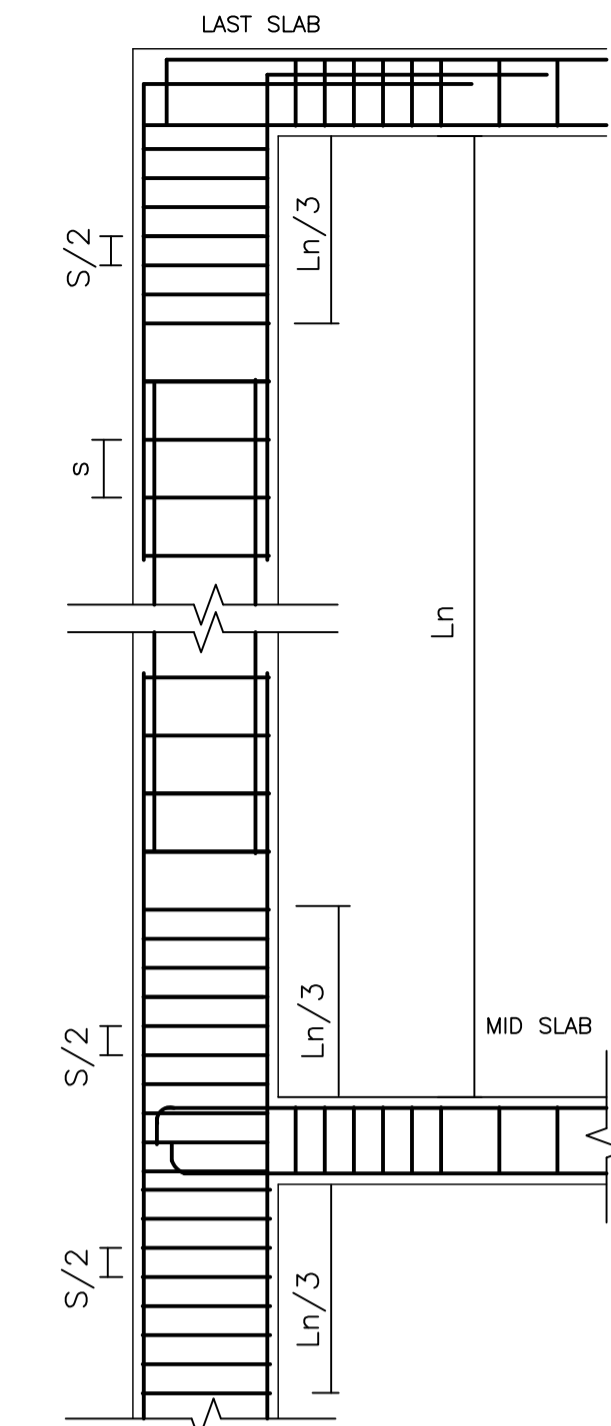
PHASE III HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
 PACKAGE 2 SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME: REINFORCEMENT OF COLUMNS TABLE 1  
 PLOT No: 99 LOCATION: AL NABI HOOD BASIN NO: 003-AL HAMRA

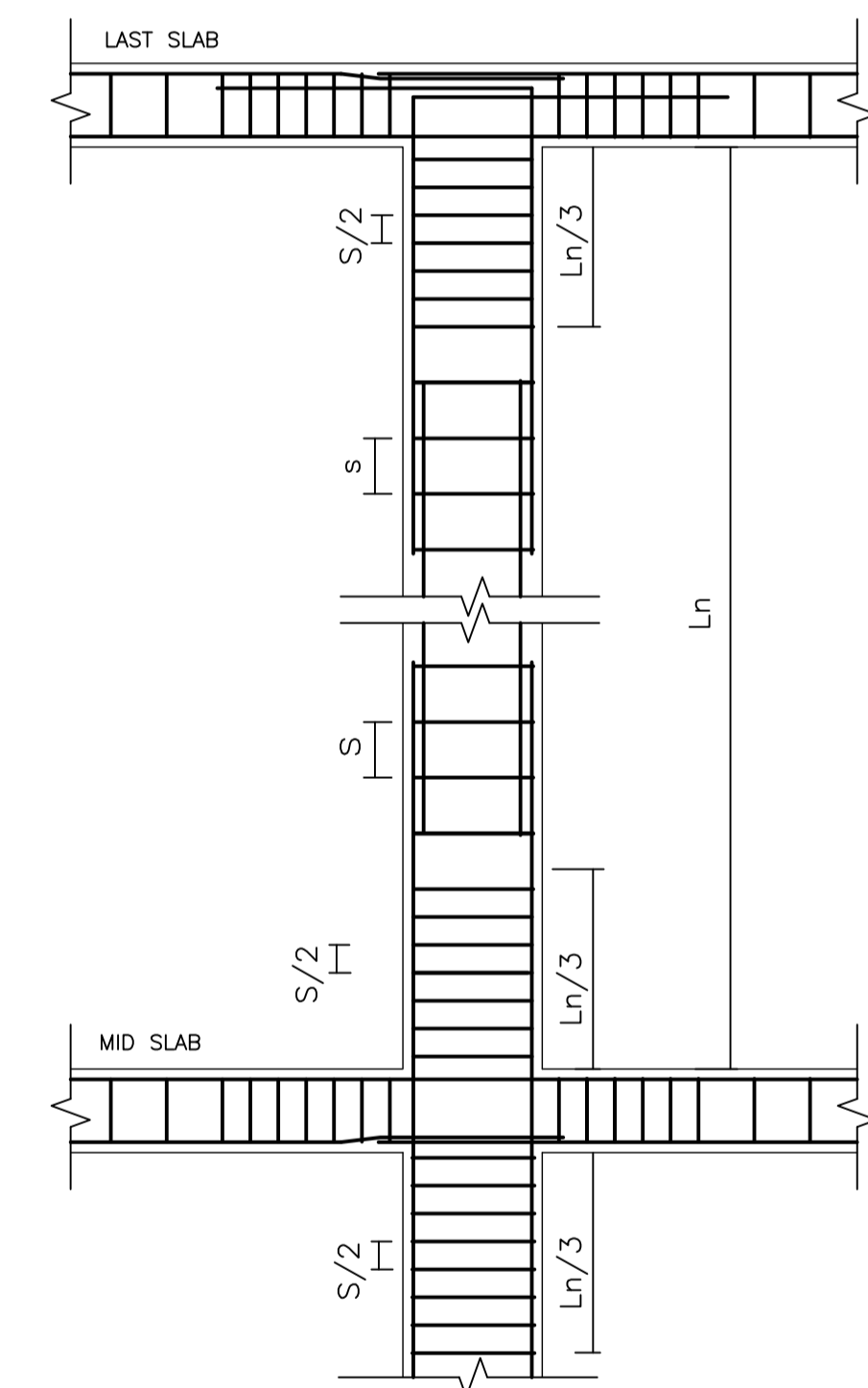
Design: M.N. Scale: 1:25 Date: June 2019  
 Drawn: CAD Date: June 2019 Approved: W.Z.  
 DRAWING NUMBER: SKEP 16-SCP305 Rev.: 0

REINFORCEMENT OF COLUMNS TABLE 2

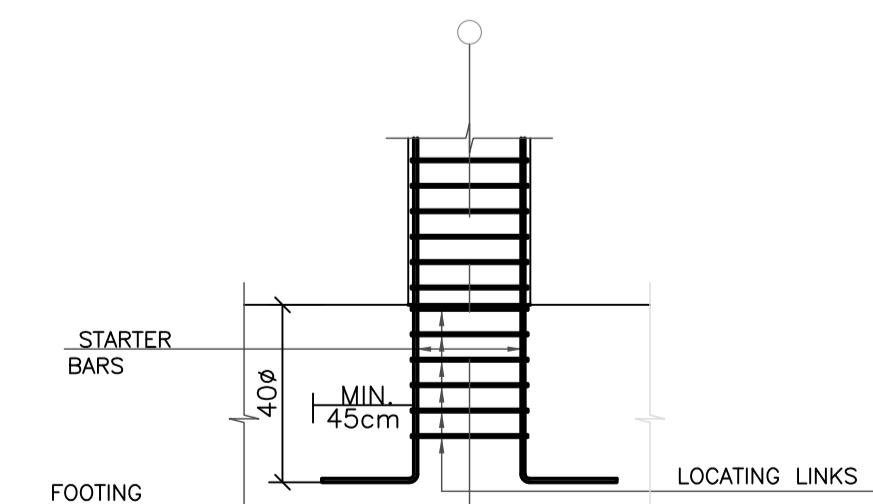
COLUMN	BASEMENT	GROUND FLOOR	MULTI-PURPOSE LEVEL AT 117.95 (1.76m above ground f. top slab)	FIRST FLOOR	SECOND FLOOR	ROOF FLOOR
C8 NO. OF COLUMNS: 2						
C9 NO. OF COLUMNS: 10						
C10 NO. OF COLUMNS: 2						
C11 NO. OF COLUMNS: 17						
C12 NO. OF COLUMNS: 1						
C13 NO. OF COLUMNS: 1						
C14 NO. OF COLUMNS: 1						
C15 NO. OF COLUMNS: 1						
C16 NO. OF COLUMNS: 1						



TYPICAL REINFORCEMENT DETAIL  
EXTERIOR BEAM : COLUMN JOINT



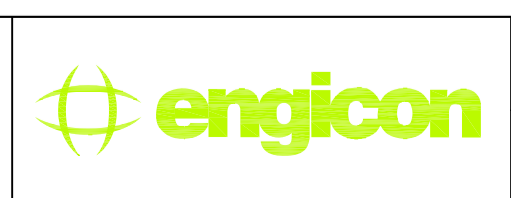
TYPICAL REINFORCEMENT DETAIL  
INTERIOR BEAM : COLUMN JOINT



FOUNDATION LEVEL

REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

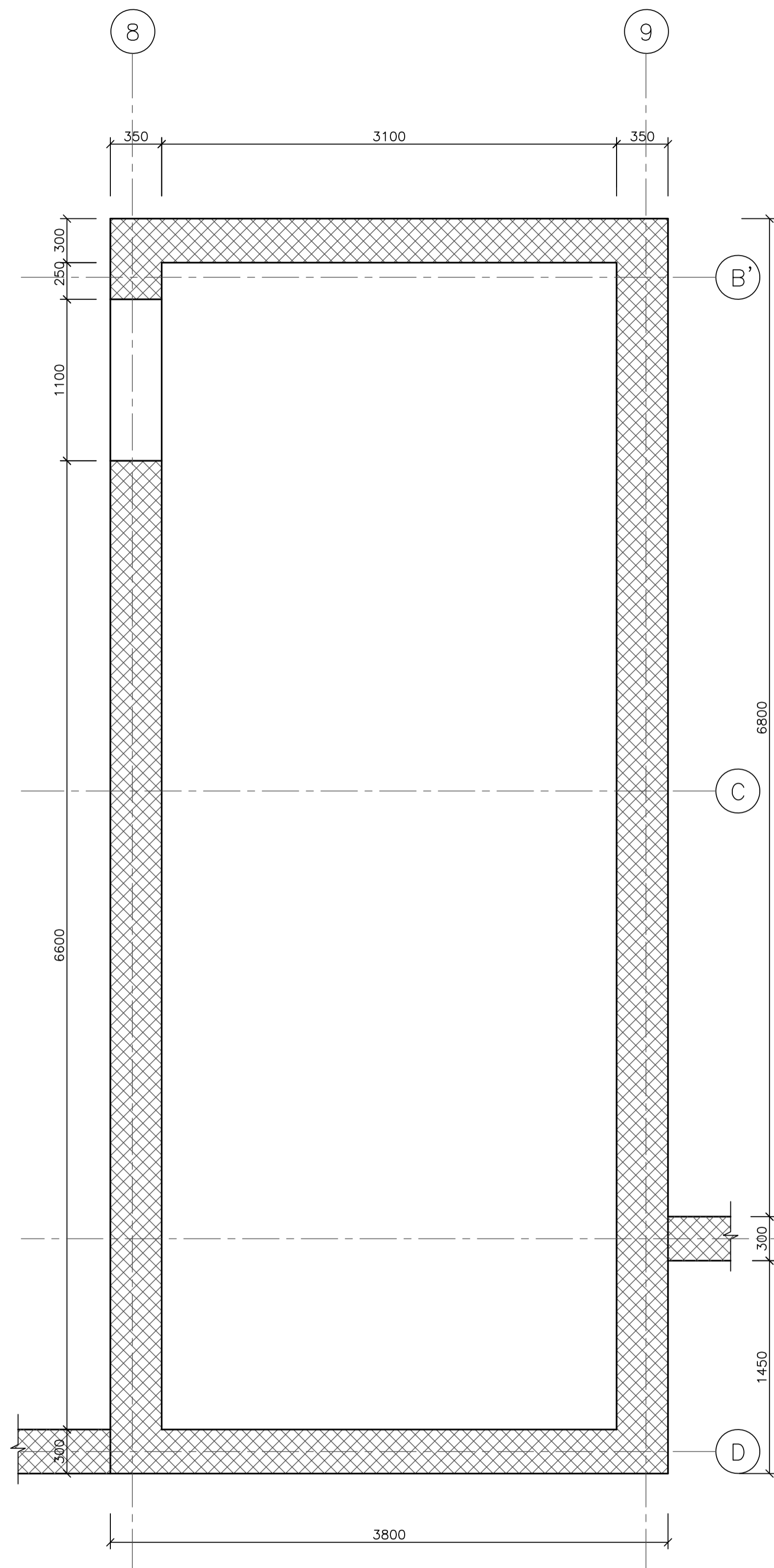
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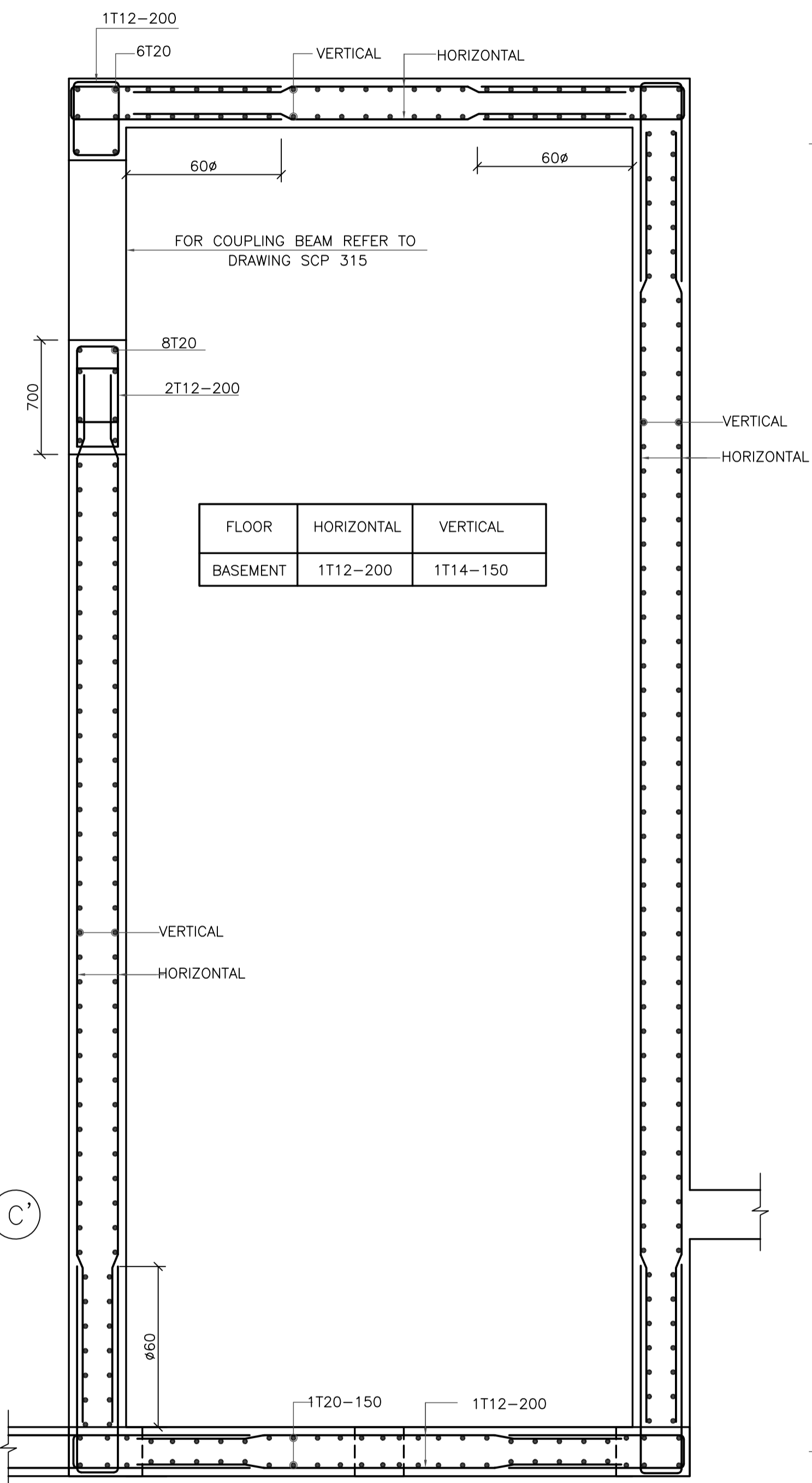
PHASE III  
PACKAGE 2  
HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME:  
REINFORCEMENT OF COLUMNS  
TABLE 2  
PLOT No 99  
LOCATION AL NABI HOOD  
BASIN NO 003-AL HAMRA

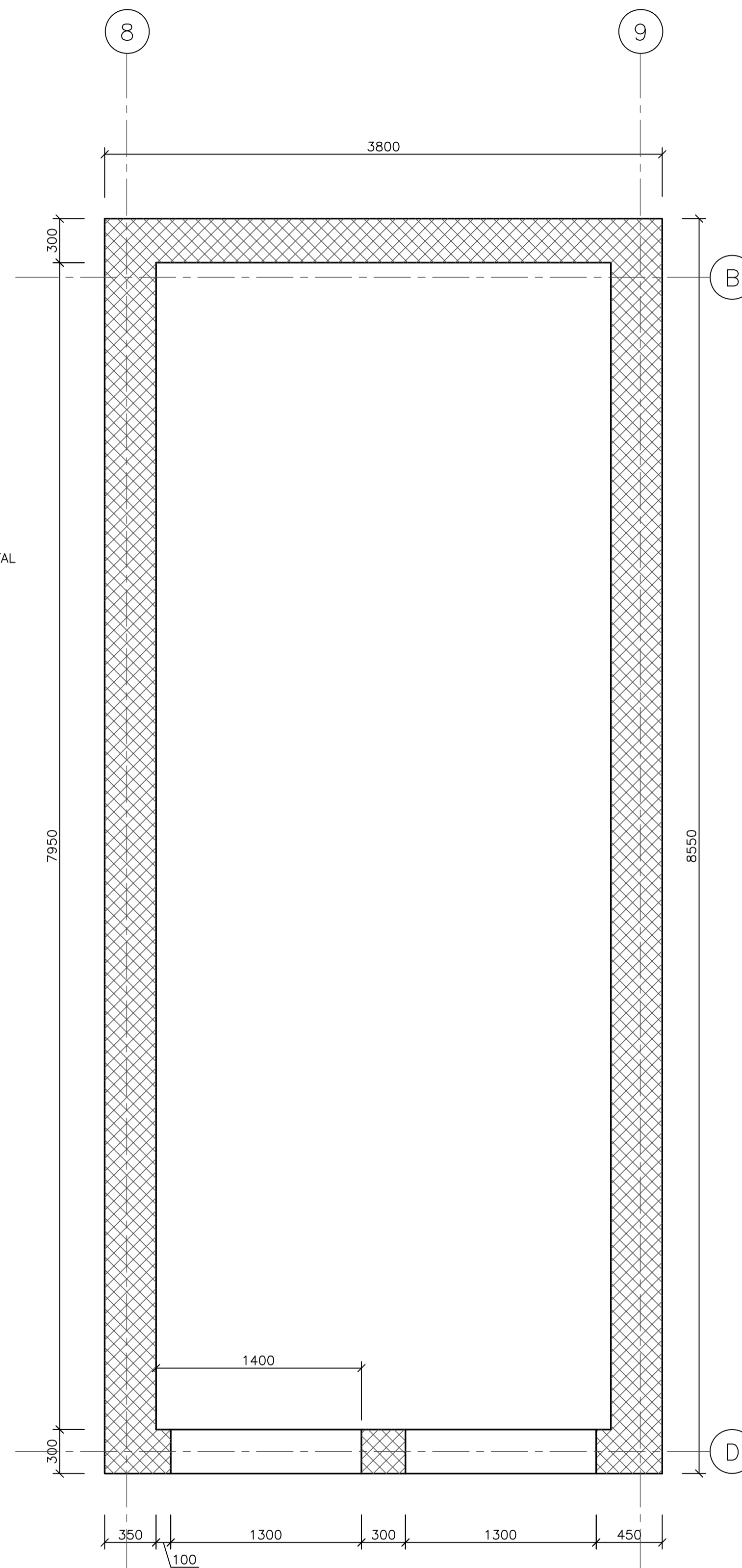
Design: M.N.  
Scale: 1:25  
Date: June 2019  
Checked: W.Z.  
Approved: W.Z.  
Drawing Number: SKEP 16-SCP306  
Rev: 0



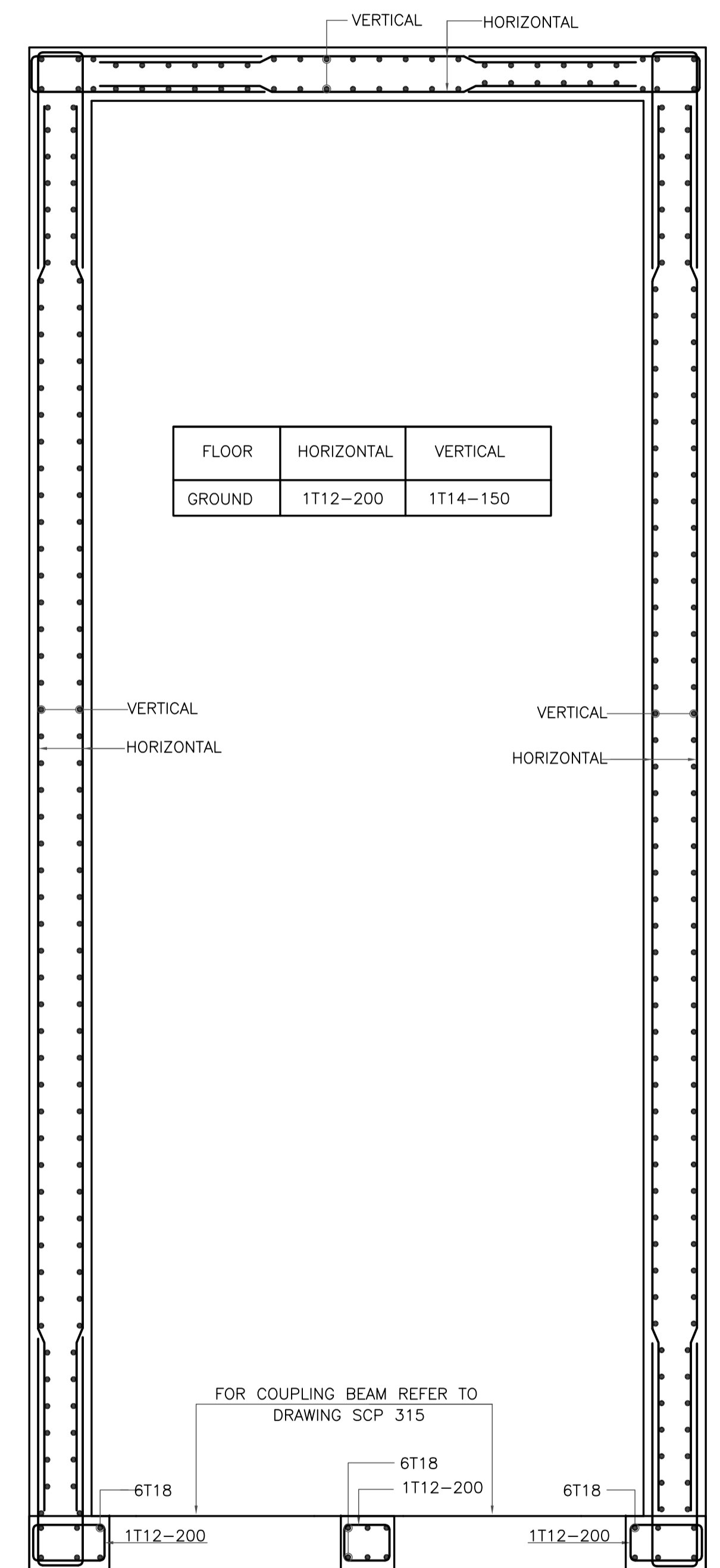
CORE 1 AT BASEMENT FLOOR  
1:25



CORE 1 REINFORCEMENT AT BASEMENT FLOOR  
1:25



CORE 1 AT GROUND FLOOR  
1:25



CORE 1 REINFORCEMENT AT GROUND FLOOR  
1:25

REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

NOTES:



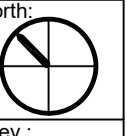
**USAID**  
FROM THE AMERICAN PEOPLE



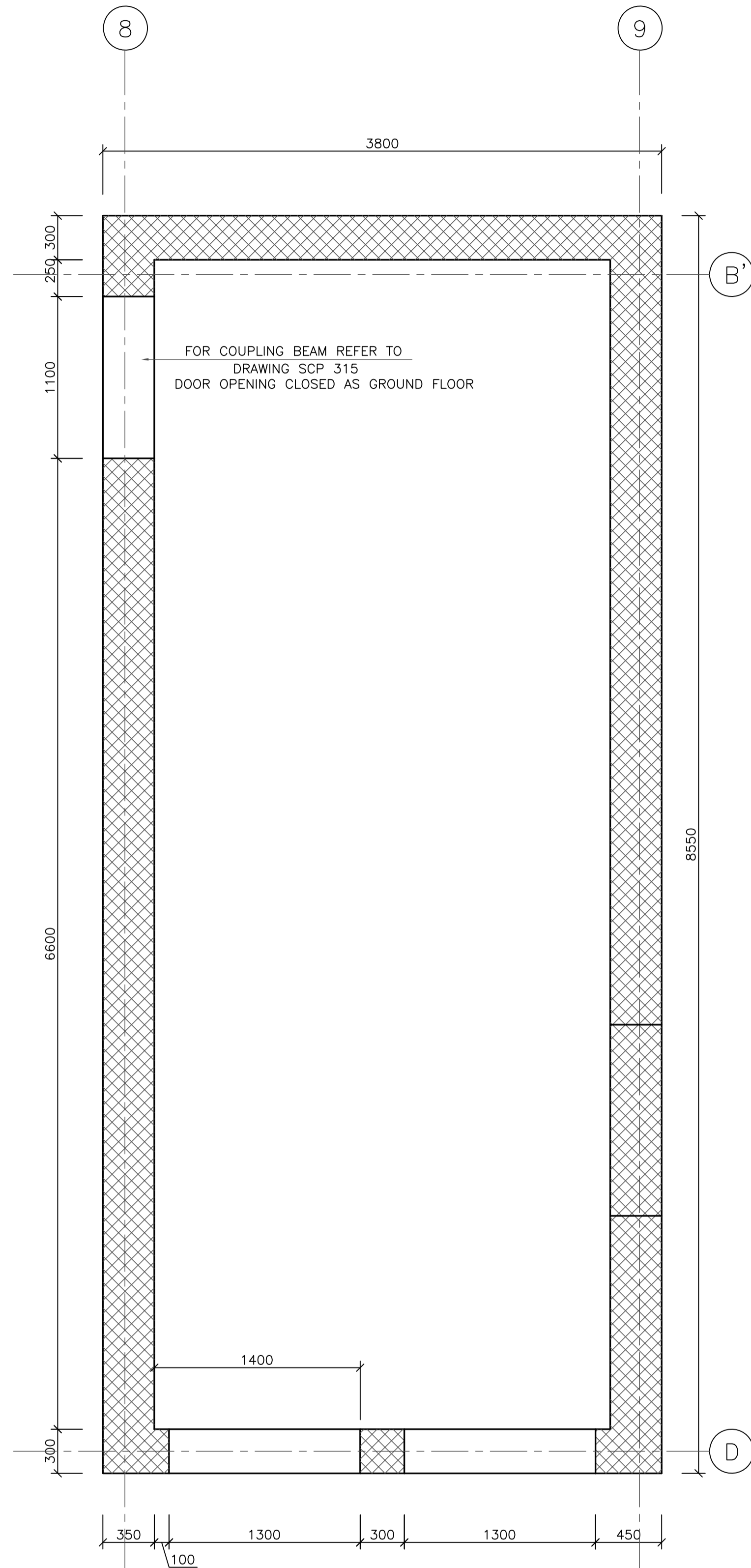
PHASE III	HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)
PACKAGE 2	SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME:	CORE 1 REINFORCEMENT SHEET 1 OF 2
Design:	M.N.
Scale:	1:25
Drawn:	CAD
Date:	June 2019
Checked:	v.z.
Approved:	

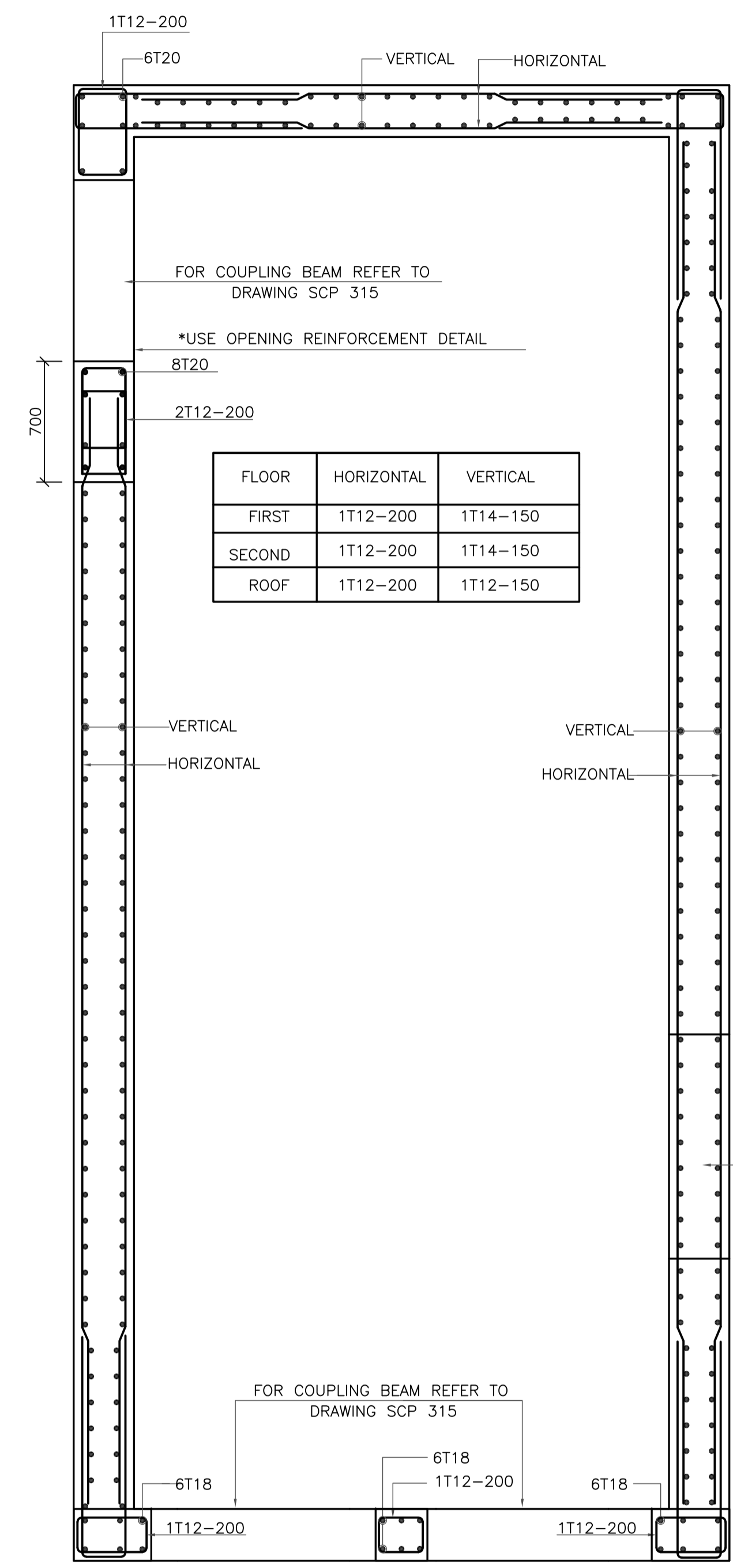
PLOT No	99	LOCATION	AL NABI HOOD	BASIN NO	003-AL HAMRA	DRAWING NUMBER:	SKEP 16-SCP307A	Rev:	0
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CORE 1 FROM FIRST FLOOR TO ROOF  
1:25



CORE 1 REINFORCEMENT FROM FIRST FLOOR TO ROOF  
1:25

REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

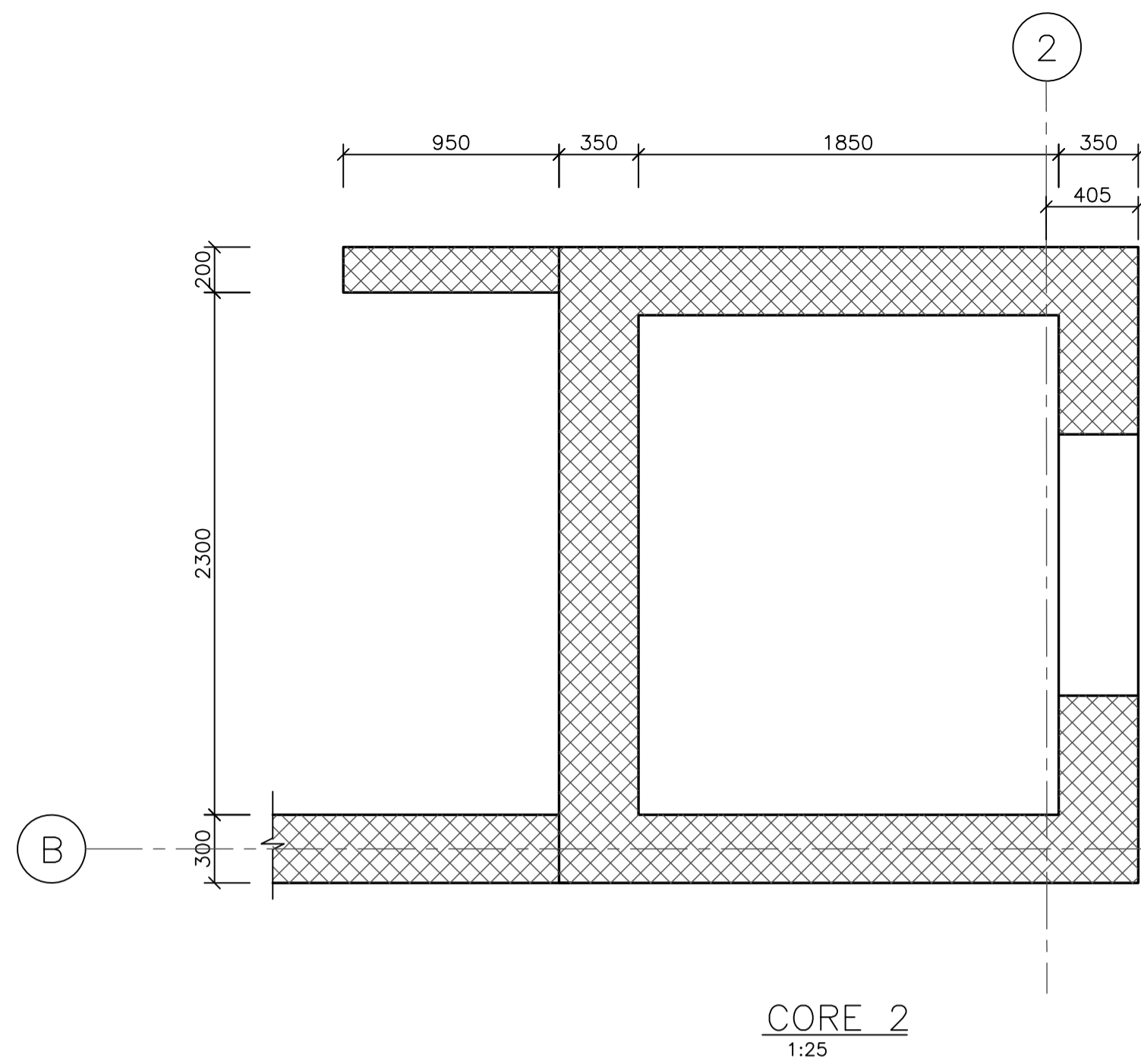
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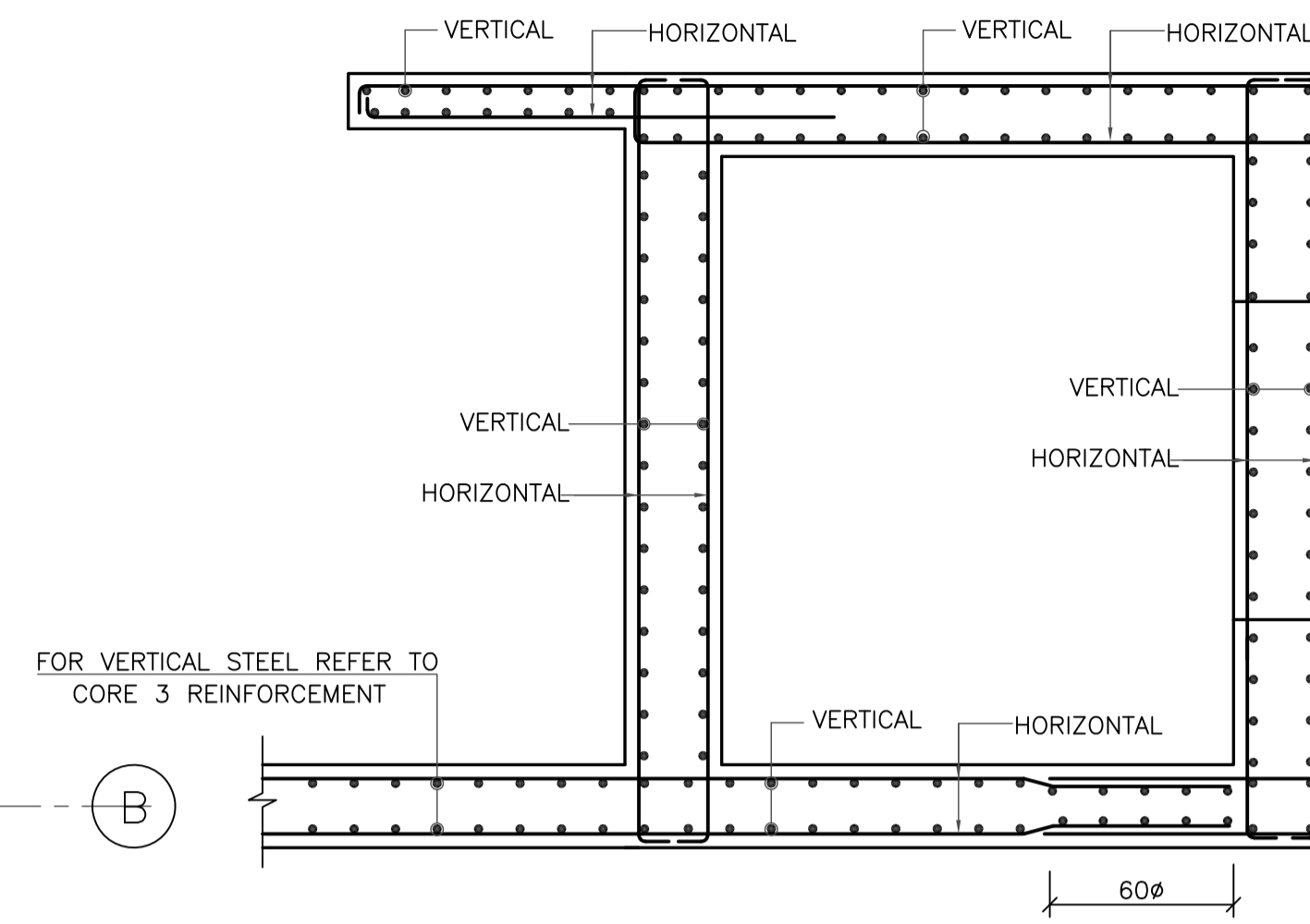
PHASE III HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
PACKAGE 2 SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME: CORE 1 REINFORCEMENT SHEET 2 OF 2  
PLOT No: 99 LOCATION: AL NABI HOOD BASIN NO: 003-AL HAMRA

Design: M.N. Scale: 1:25 Date: June 2019 Approved: v.z.  
DRAWING NUMBER: SKEP 16-SCP307B Rev: 0

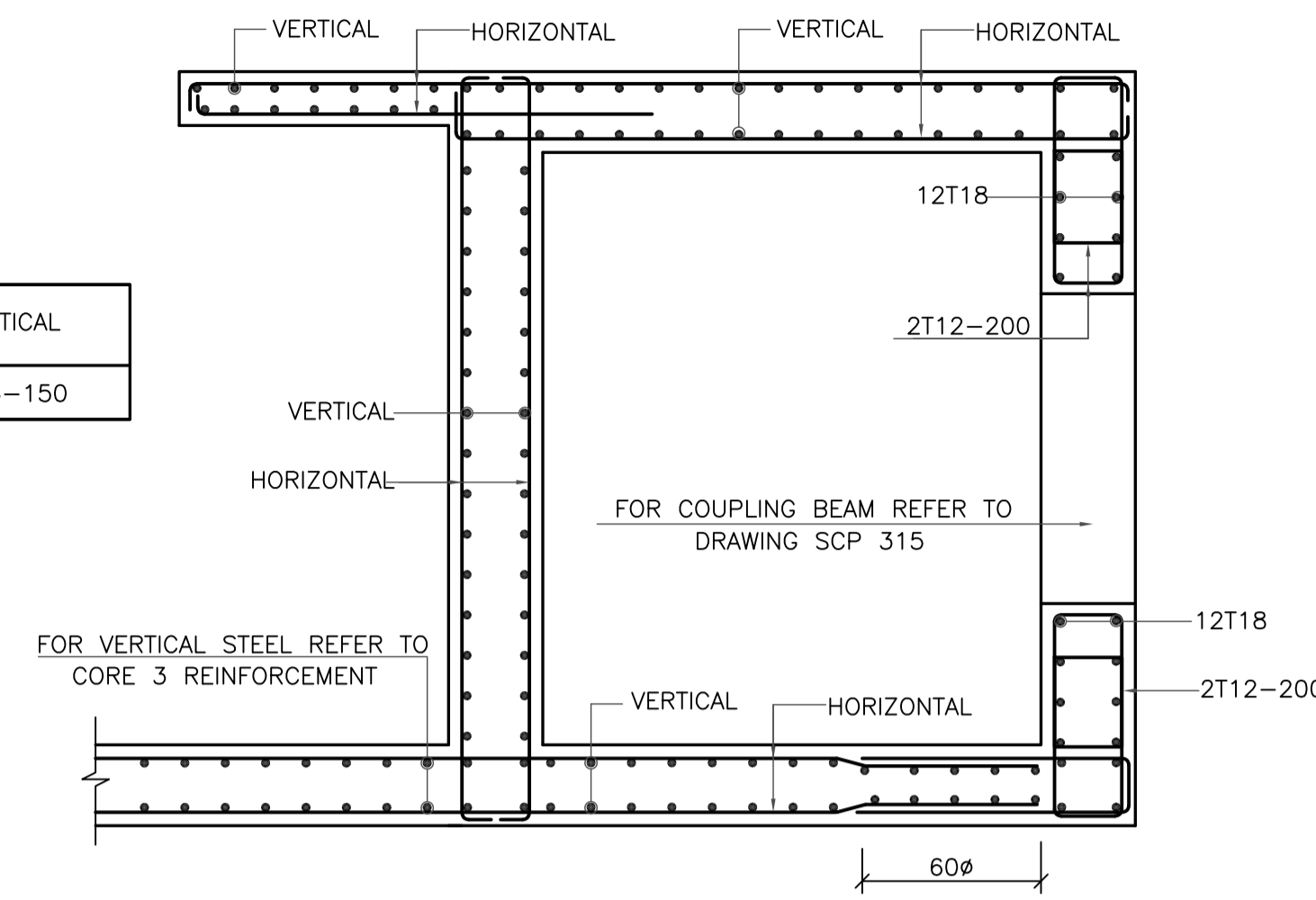


**CORE 2**  
1:25



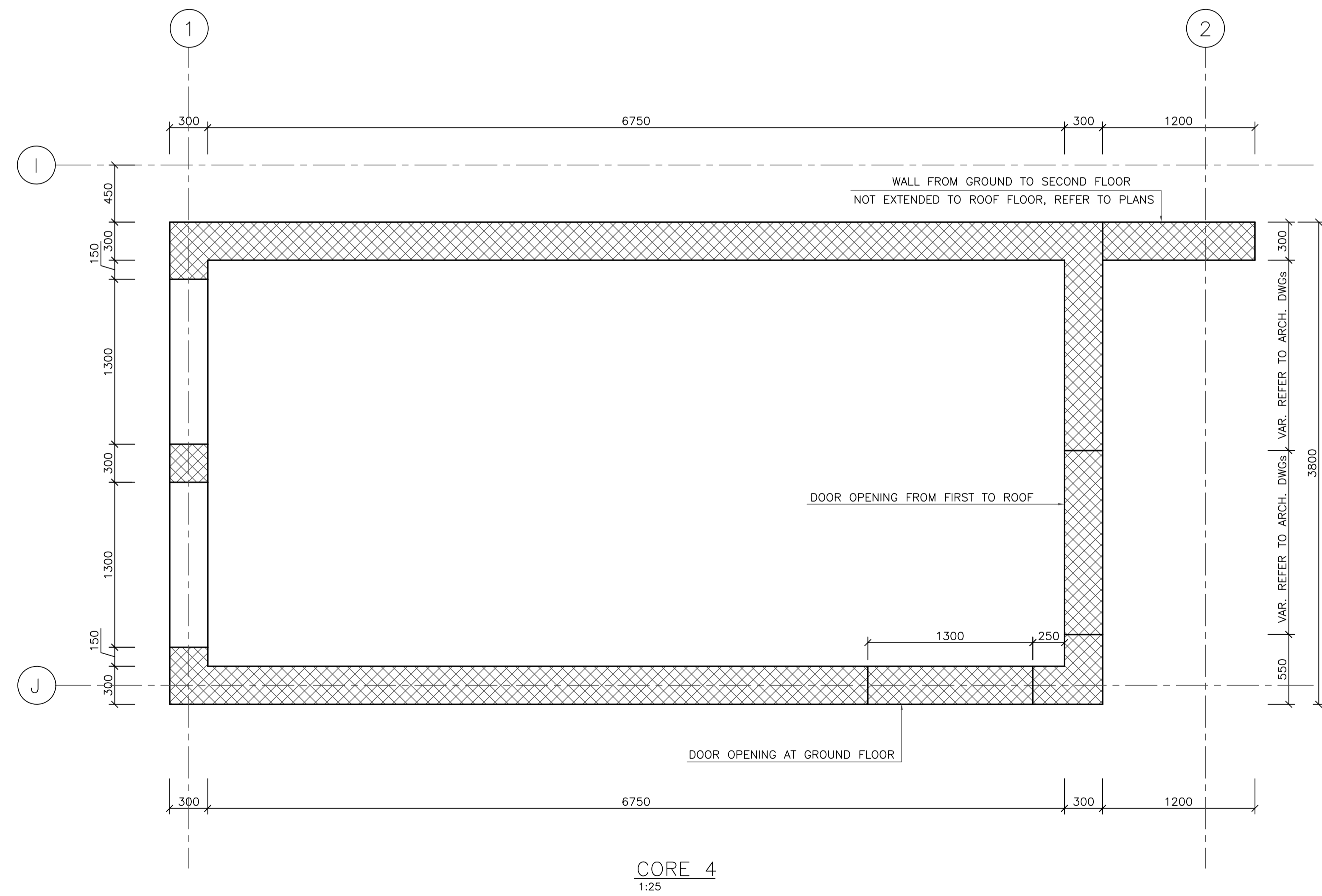
**CORE 2 REINFORCEMENT BELOW SLAB ON GRADE LEVEL**  
1:25

FLOOR	HORIZONTAL	VERTICAL
BELOW S.O.G	1T14-150	1T16-150

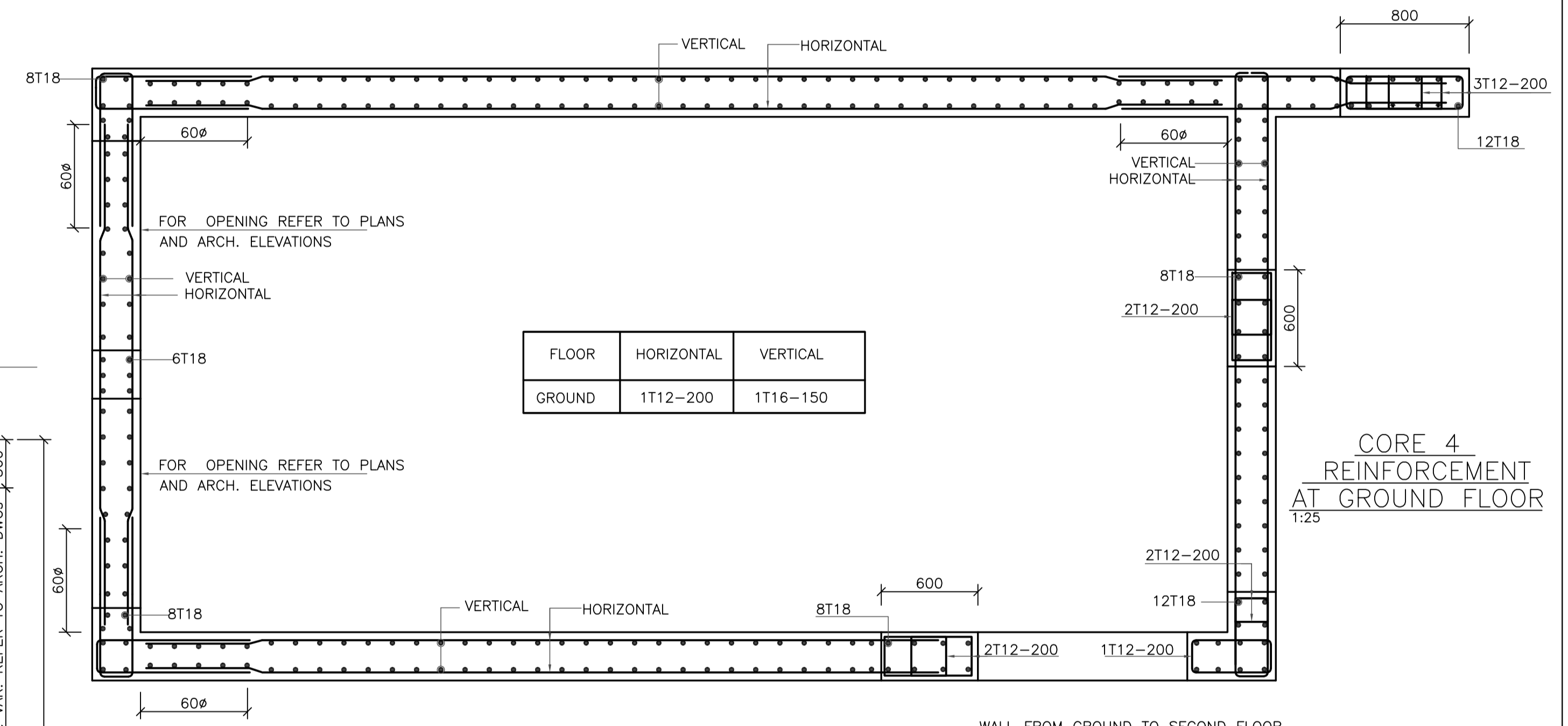


**CORE 2 REINFORCEMENT**  
1:25

FLOOR	HORIZONTAL	VERTICAL
GROUND	1T14-150	1T16-150
FIRST	1T12-150	1T14-150
SECOND	1T12-150	1T12-150
ROOF	1T12-150	1T12-150

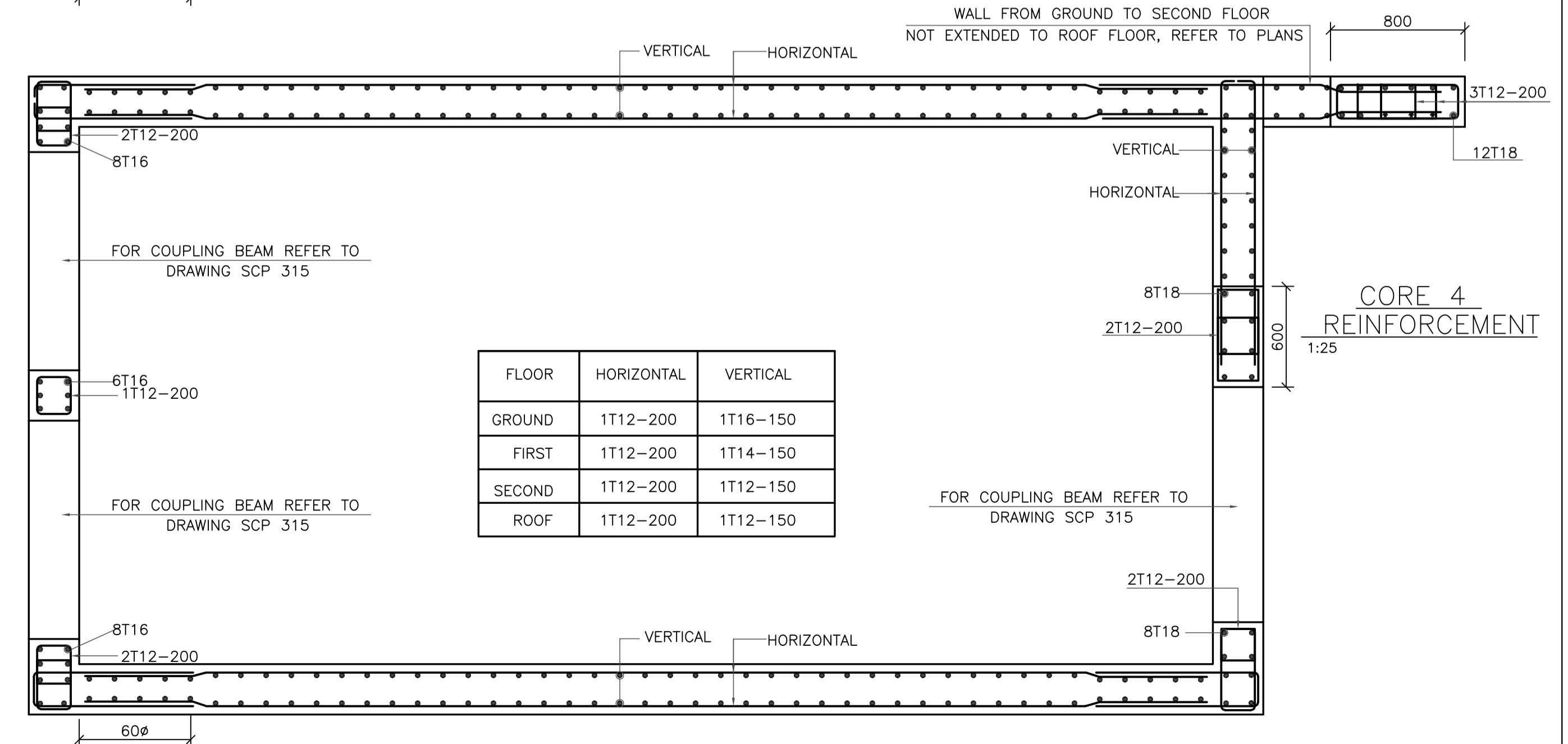


**CORE 4**  
1:25



**CORE 4 REINFORCEMENT AT GROUND FLOOR**  
1:25

FLOOR	HORIZONTAL	VERTICAL
GROUND	1T12-200	1T16-150



**CORE 4 REINFORCEMENT**  
1:25

FLOOR	HORIZONTAL	VERTICAL
GROUND	1T12-200	1T16-150
FIRST	1T12-200	1T14-150
SECOND	1T12-200	1T12-150
ROOF	1T12-200	1T12-150

REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

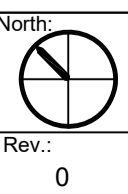
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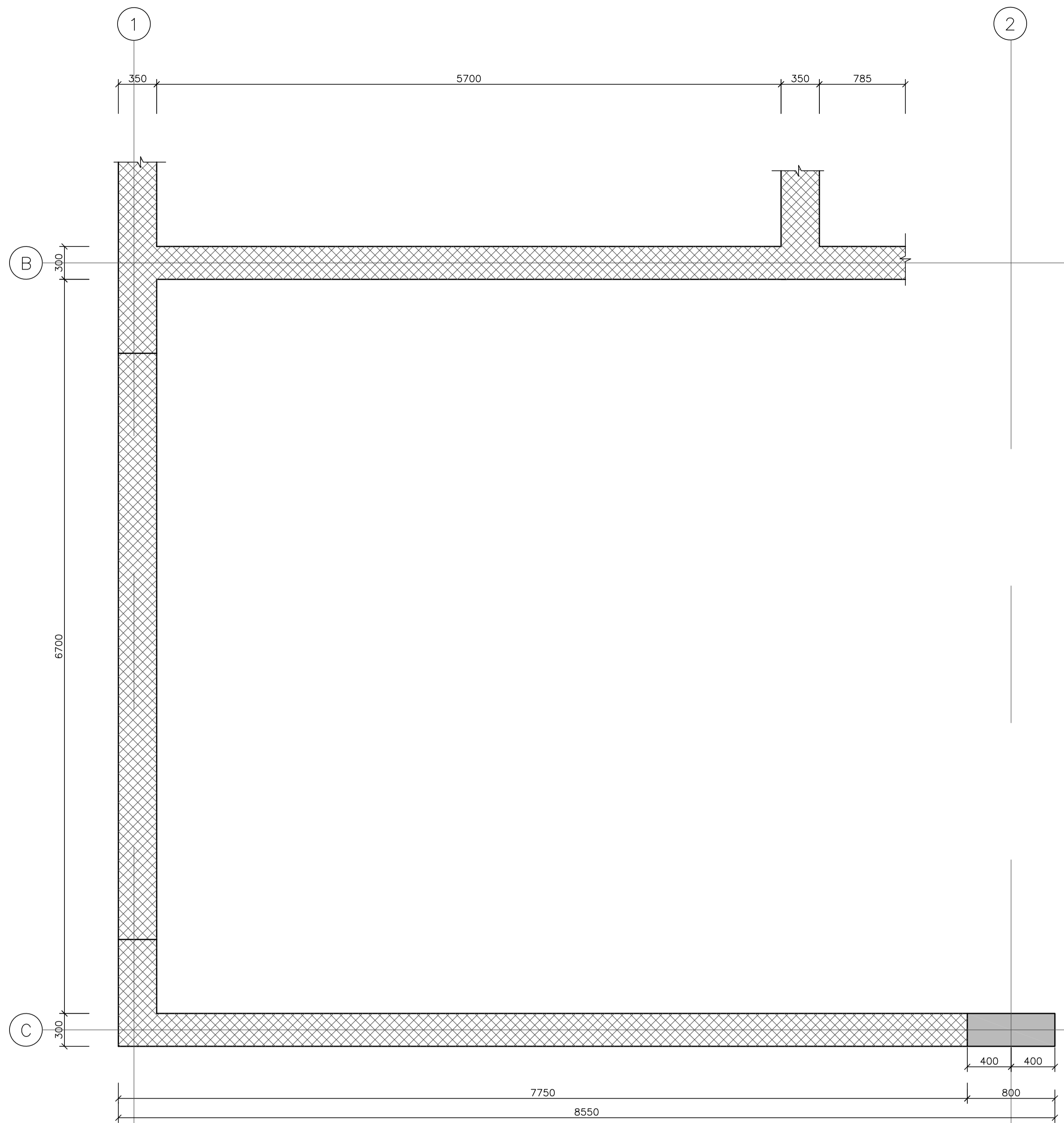


PHASE III	HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)
PACKAGE 2	SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

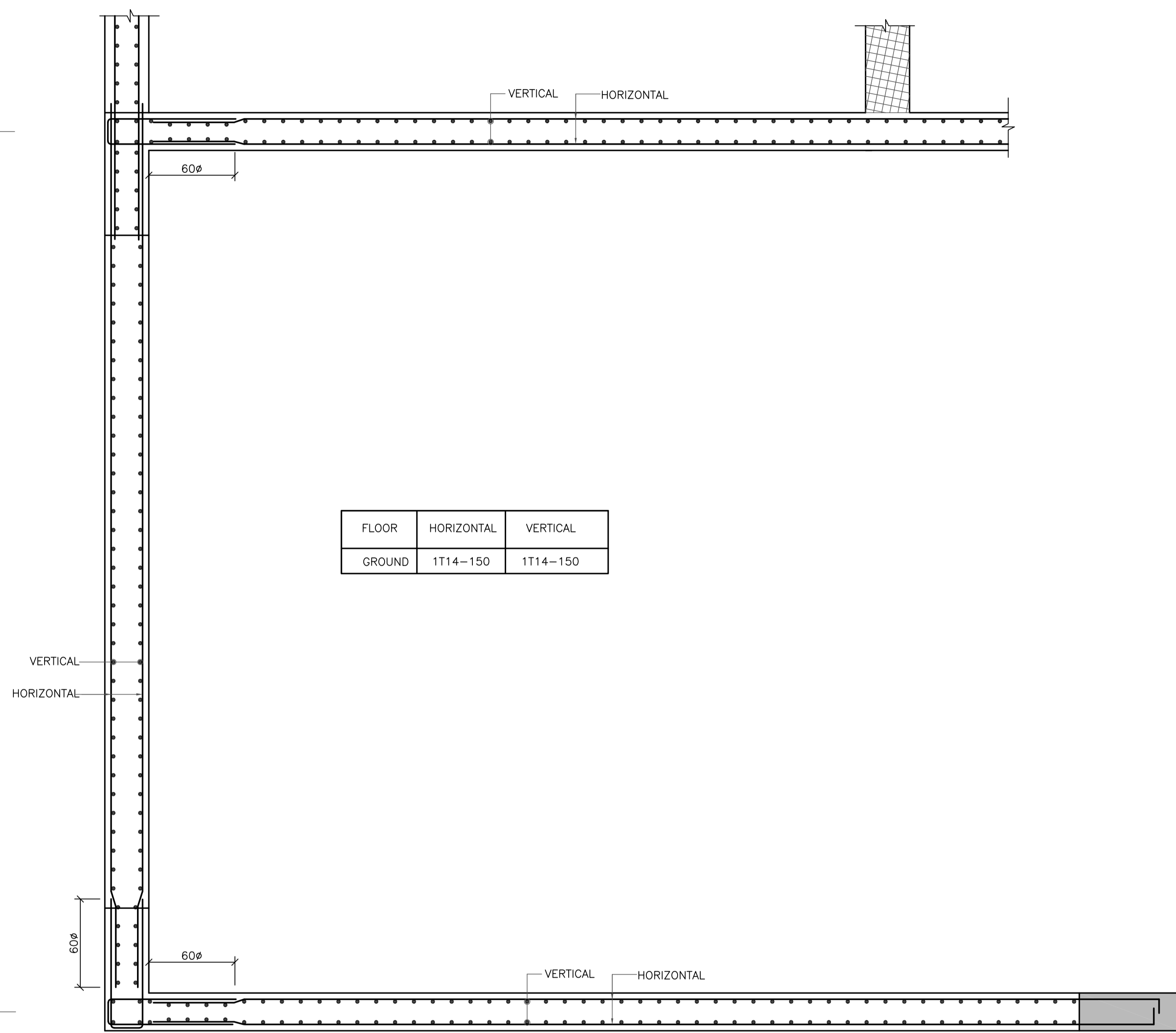
DRAWING NAME:	CORE 2 & CORE 4 REINFORCEMENT
DESIGN:	M.N.
SCALE:	1:25
DATE:	June 2019
APPROVED:	W.Z.
REVISION:	0

DESIGN:	M.N.
DRAWN:	CAD
CHECKED:	W.Z.
APPROVED:	W.Z.
REVISION:	0





CORE 3 AT GROUND FLOOR  
1:25



CORE 3 REINFORCEMENT AT GROUND FLOOR  
1:25

REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

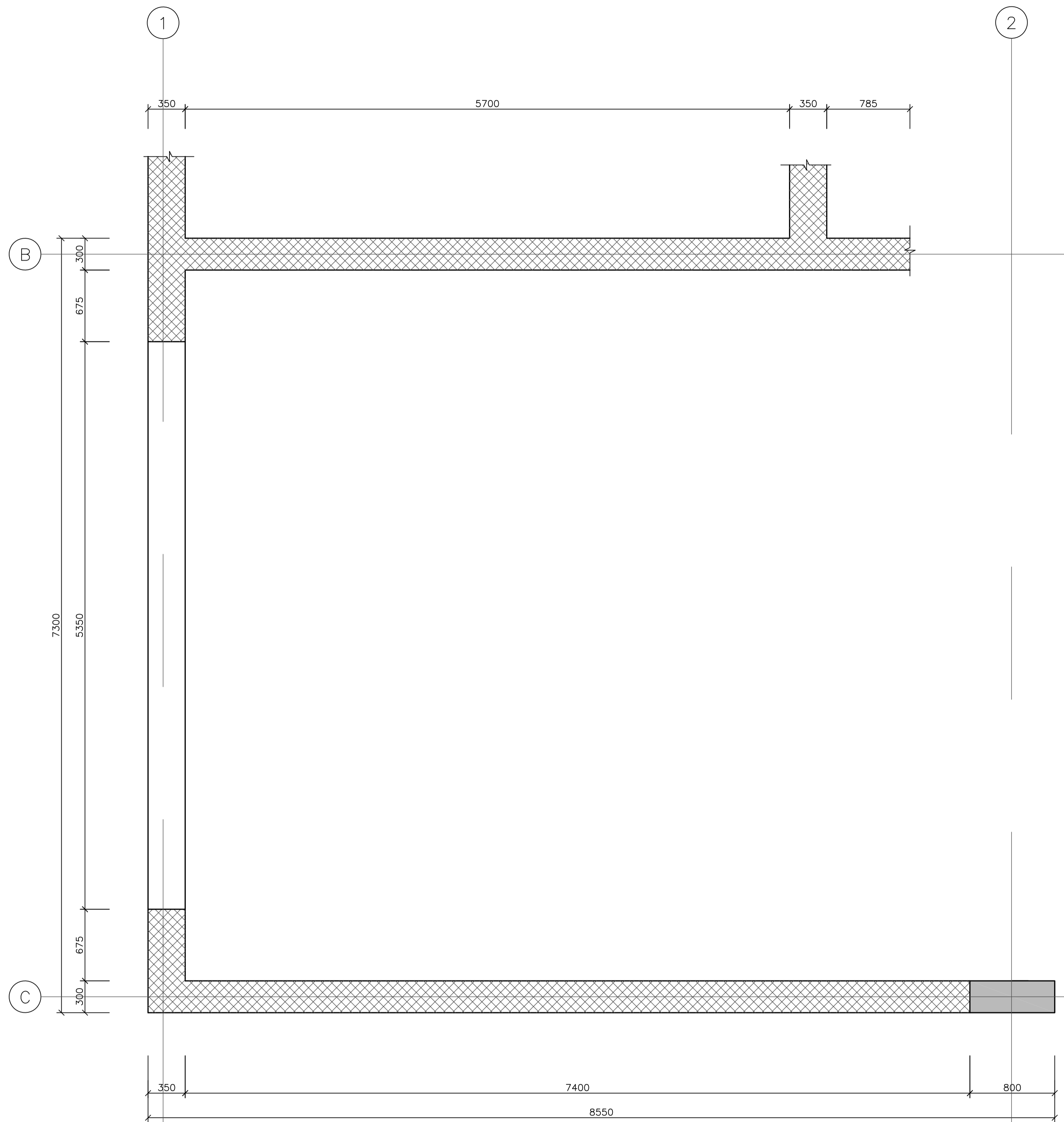
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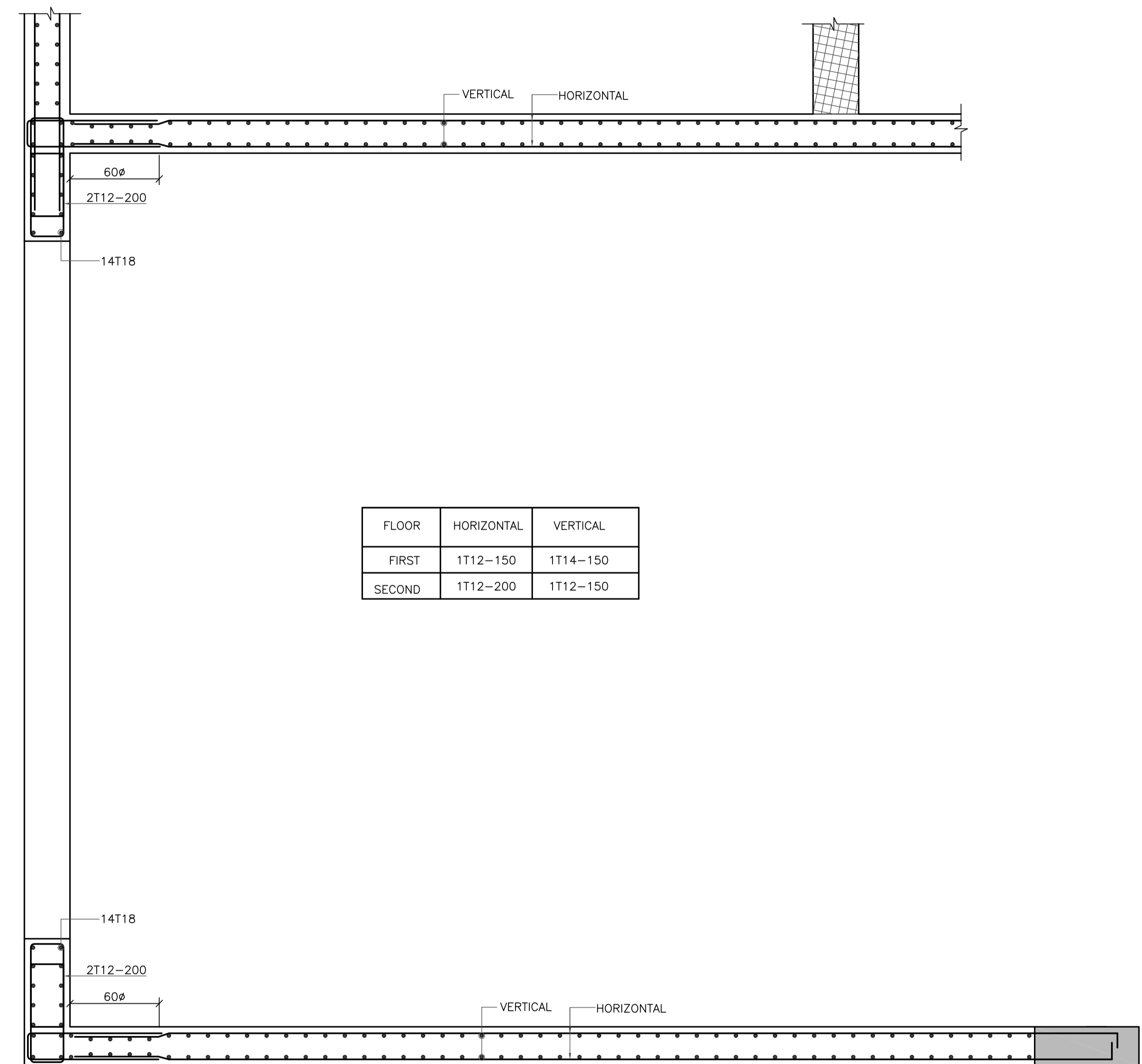
PHASE III	HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)
PACKAGE 2	SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME:		CORE 3 REINFORCEMENT SHEET 1
Design:	M.N.	Drawn: CAD
Scale:	1:25	Date: June 2019
Checked:		Approved: V.Z.
PLOT No	99	LOCATION: AL NABI HOOD
BASIN NO	003-AL HAMRA	DRAWING NUMBER: SKEP 16-SCP309

North	
Rev.:	0

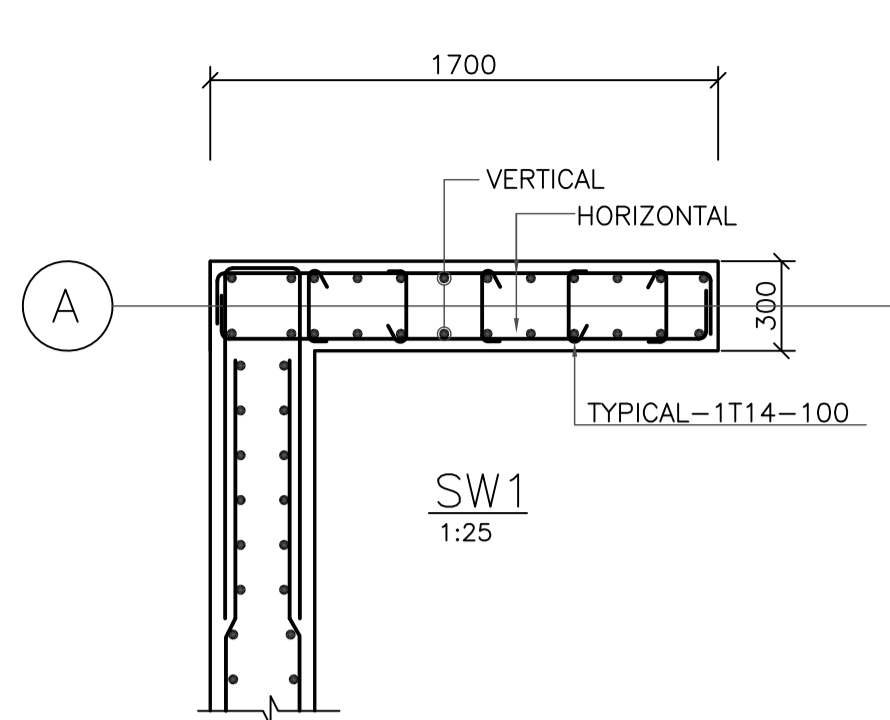


CORE 3 FOR FIRST & SECOND FLOORS  
1:25

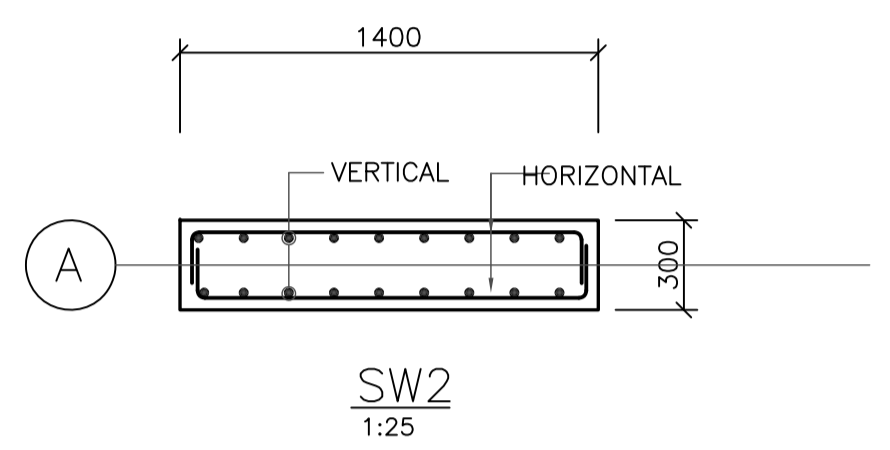


FLOOR	HORIZONTAL	VERTICAL
FIRST	1T12-150	1T14-150
SECOND	1T12-200	1T12-150

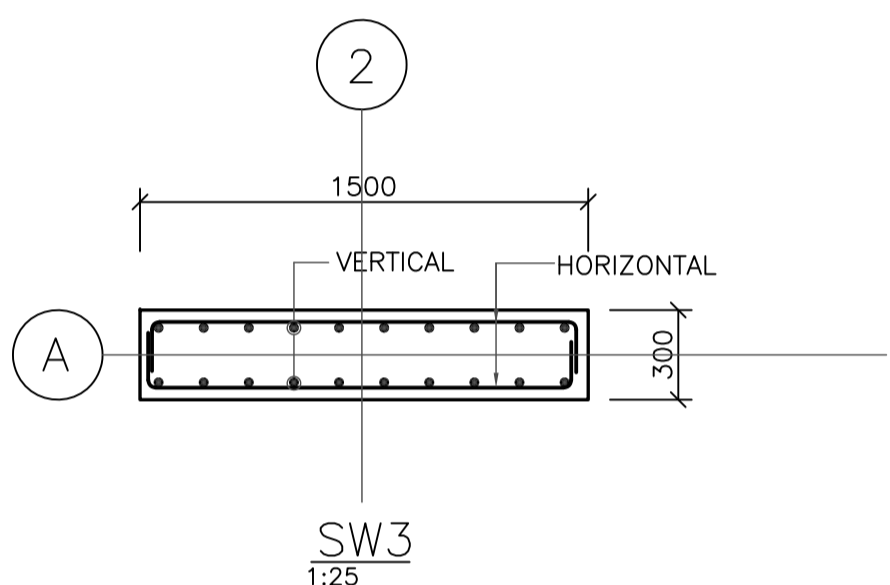
CORE 3 REINFORCEMENT FOR FIRST & SECOND FLOORS  
1:25



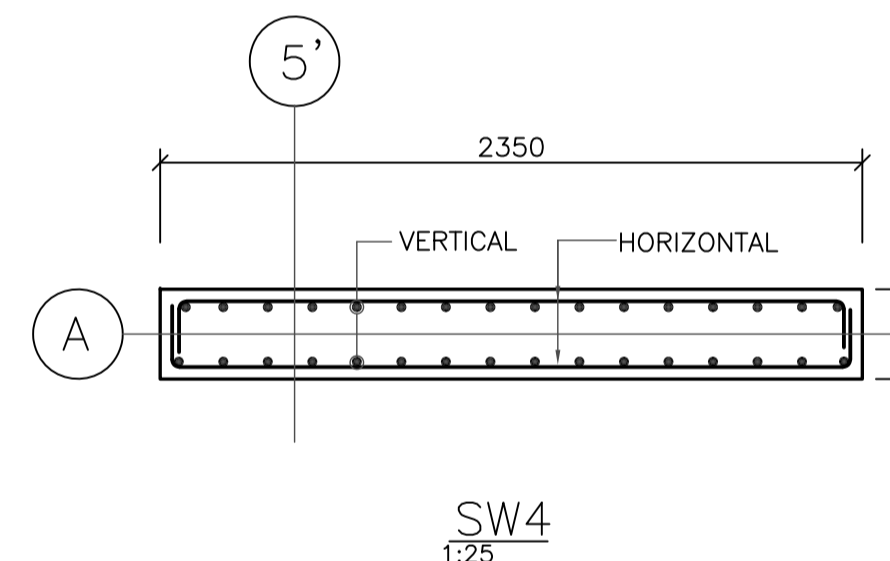
SW1 REINFORCEMENT SCHEDULE		
FLOOR	HORIZONTAL	VERTICAL
GROUND	1T14-200	1T20-150
FIRST	1T14-200	1T20-150
SECOND	1T12-200	1T16-150
ROOF [FUTURE VER. EXPANSION]	1T12-200	1T12-150



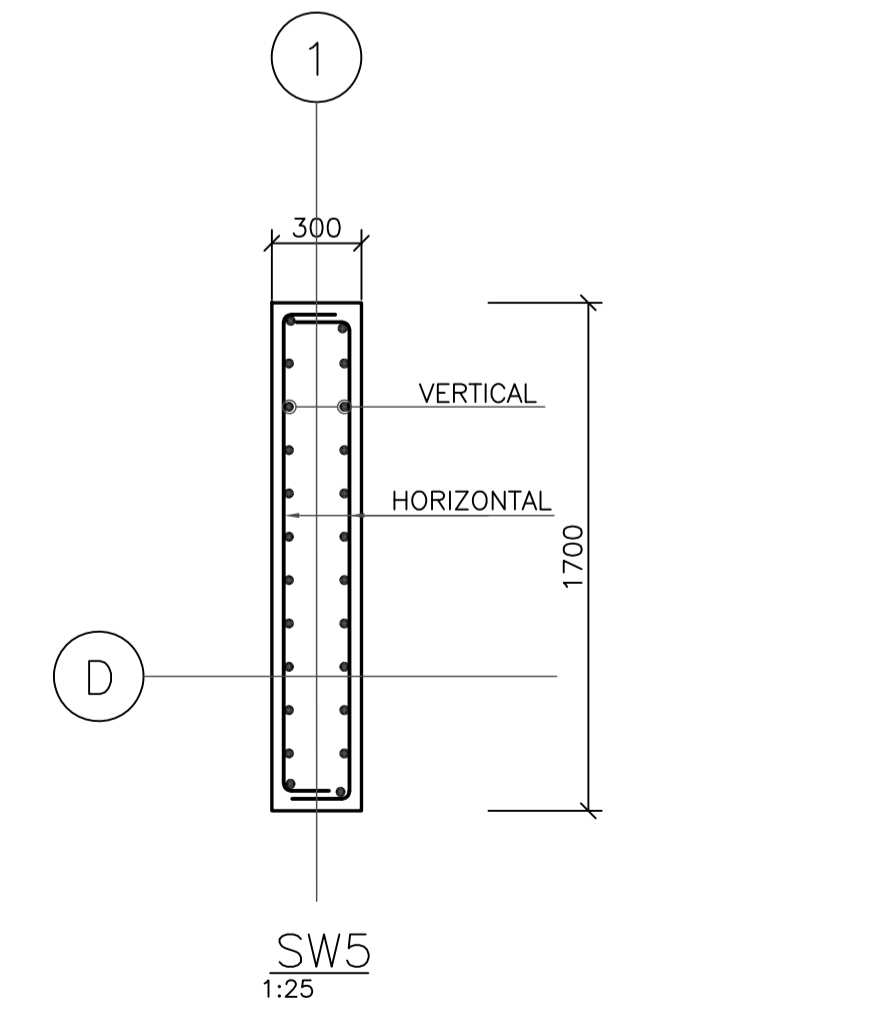
SW2 REINFORCEMENT SCHEDULE		
FLOOR	HORIZONTAL	VERTICAL
GROUND	1T12-200	1T14-150
FIRST	1T12-200	1T14-150
SECOND	1T12-200	1T14-150
ROOF [FUTURE VER. EXPANSION]	1T12-200	1T14-150



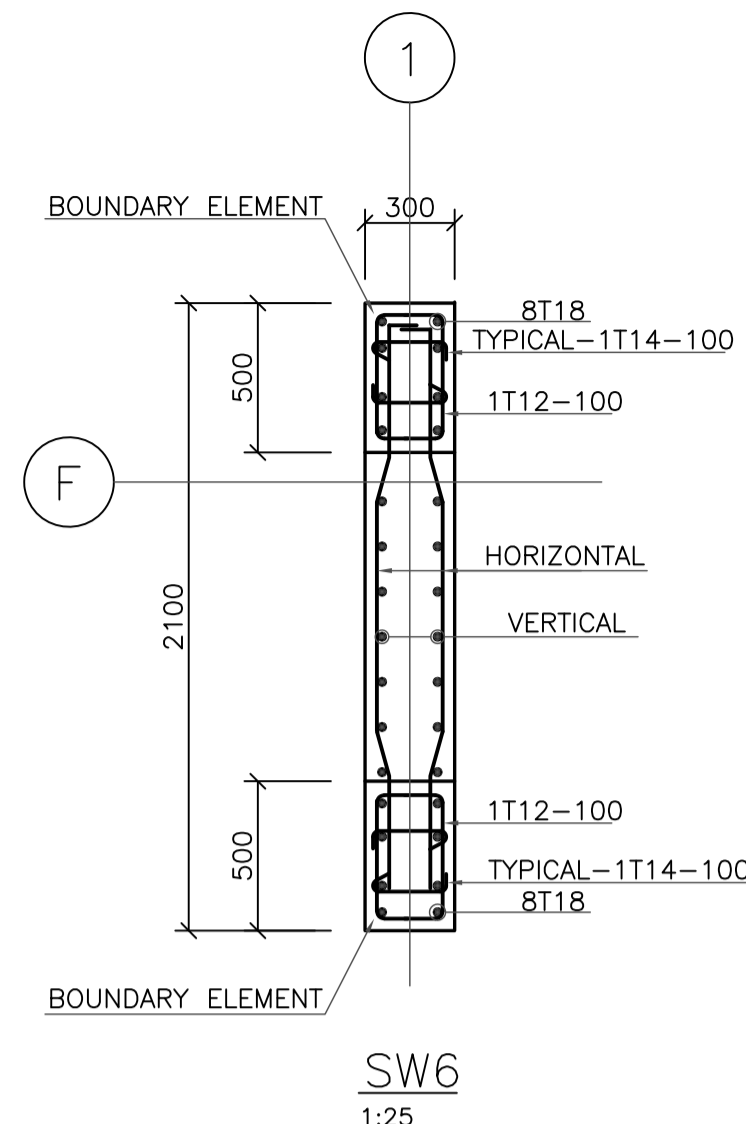
SW3 REINFORCEMENT SCHEDULE		
FLOOR	HORIZONTAL	VERTICAL
GROUND	1T12-200	1T12-150
FIRST	1T12-200	1T12-150
SECOND	1T12-200	1T12-150
ROOF [FUTURE VER. EXPANSION]	1T12-200	1T12-150



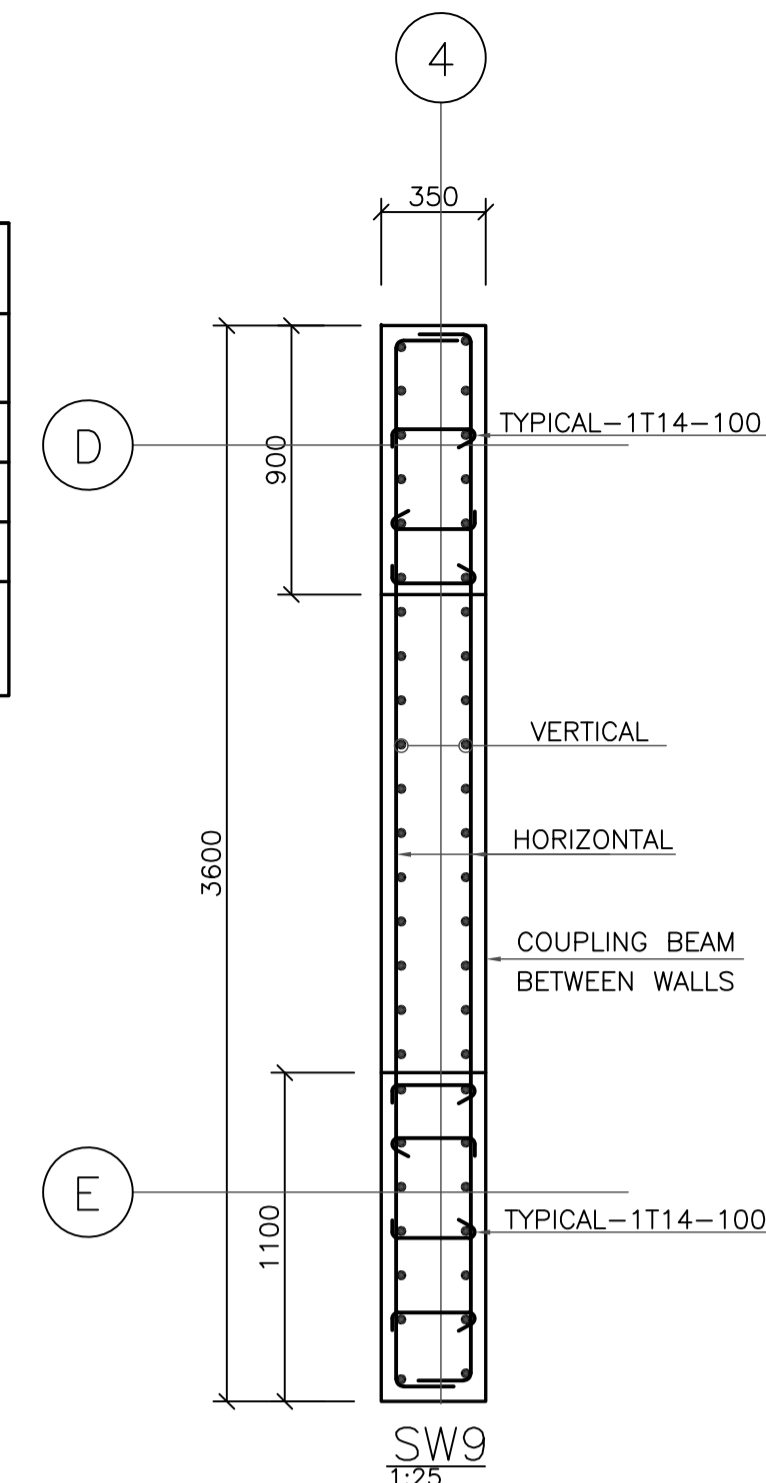
SW4 REINFORCEMENT SCHEDULE		
FLOOR	HORIZONTAL	VERTICAL
GROUND	1T12-200	1T16-150
FIRST	1T12-200	1T16-150
SECOND	1T12-200	1T16-150
ROOF [FUTURE VER. EXPANSION]	1T12-200	1T16-150



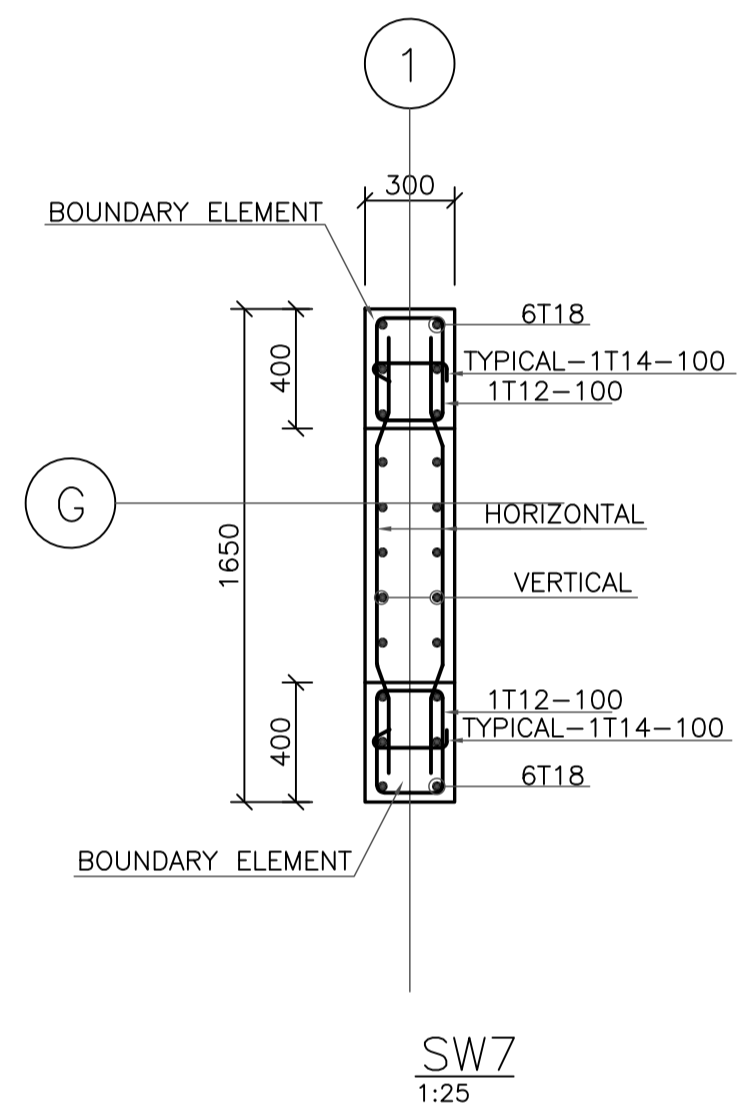
SW5 REINFORCEMENT SCHEDULE		
FLOOR	HORIZONTAL	VERTICAL
GROUND	1T12-200	1T12-150
FIRST	1T12-200	1T12-150
SECOND	1T12-200	1T12-150
ROOF [FUTURE VER. EXPANSION]	1T12-200	1T12-150



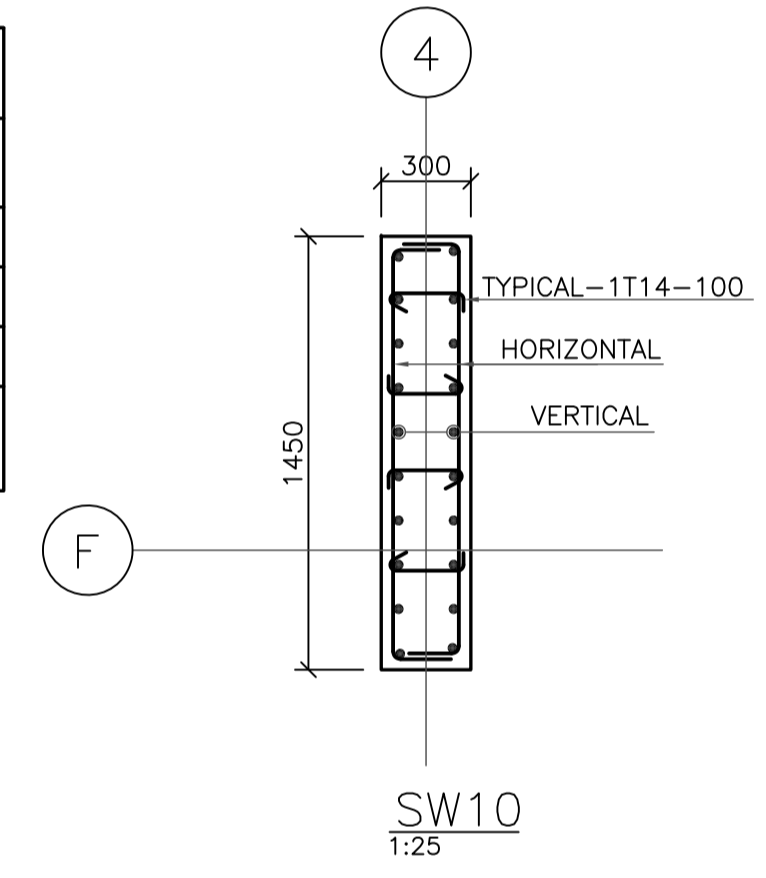
SW6 REINFORCEMENT SCHEDULE		
FLOOR	HORIZONTAL	VERTICAL
GROUND	1T12-200	1T18-150
FIRST	1T12-200	1T18-150
SECOND	1T12-200	1T18-150
ROOF [FUTURE VER. EXPANSION]	1T12-200	1T18-150



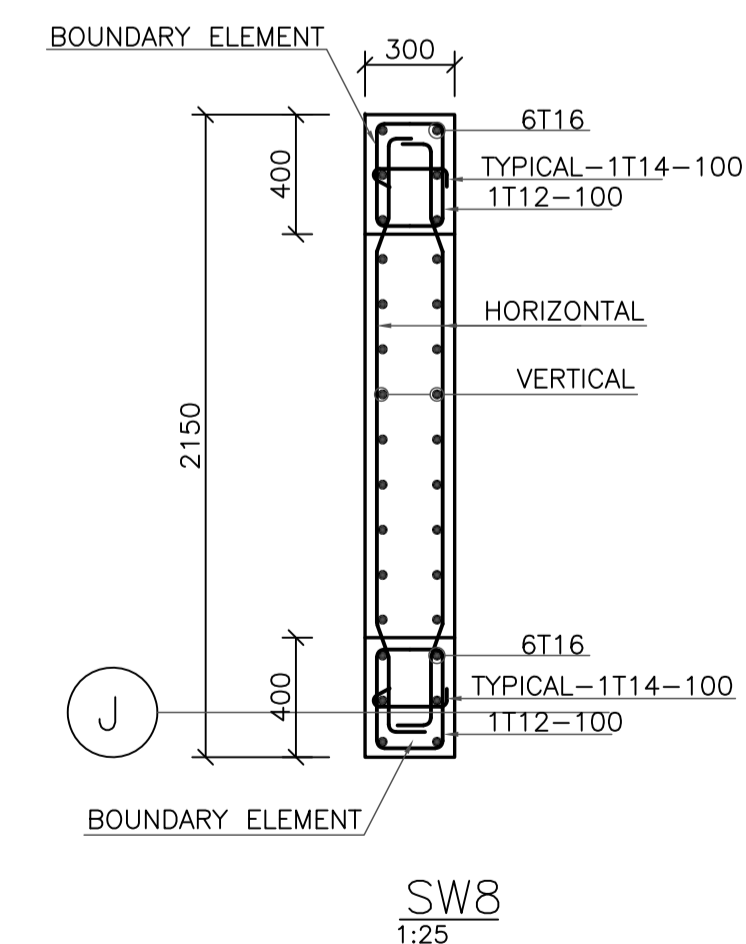
SW9 REINFORCEMENT SCHEDULE		
FLOOR	HORIZONTAL	VERTICAL
GROUND	1T12-200	1T16-150
FIRST	1T12-200	1T16-150
SECOND	1T12-200	1T16-150
ROOF	1T12-200	1T16-150



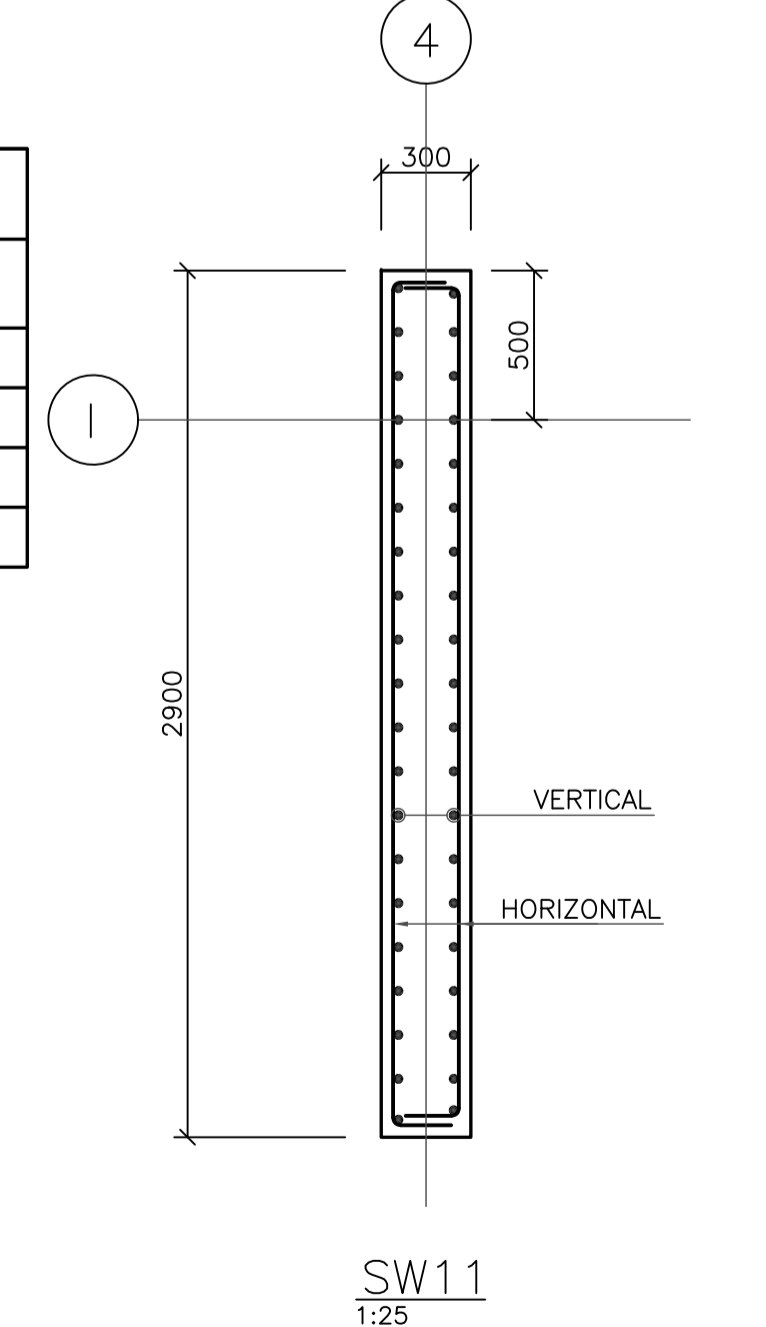
SW7 REINFORCEMENT SCHEDULE		
FLOOR	HORIZONTAL	VERTICAL
GROUND	1T12-200	1T18-150
FIRST	1T12-200	1T18-150
SECOND	1T12-200	1T18-150
ROOF [FUTURE VER. EXPANSION]	1T12-200	1T18-150



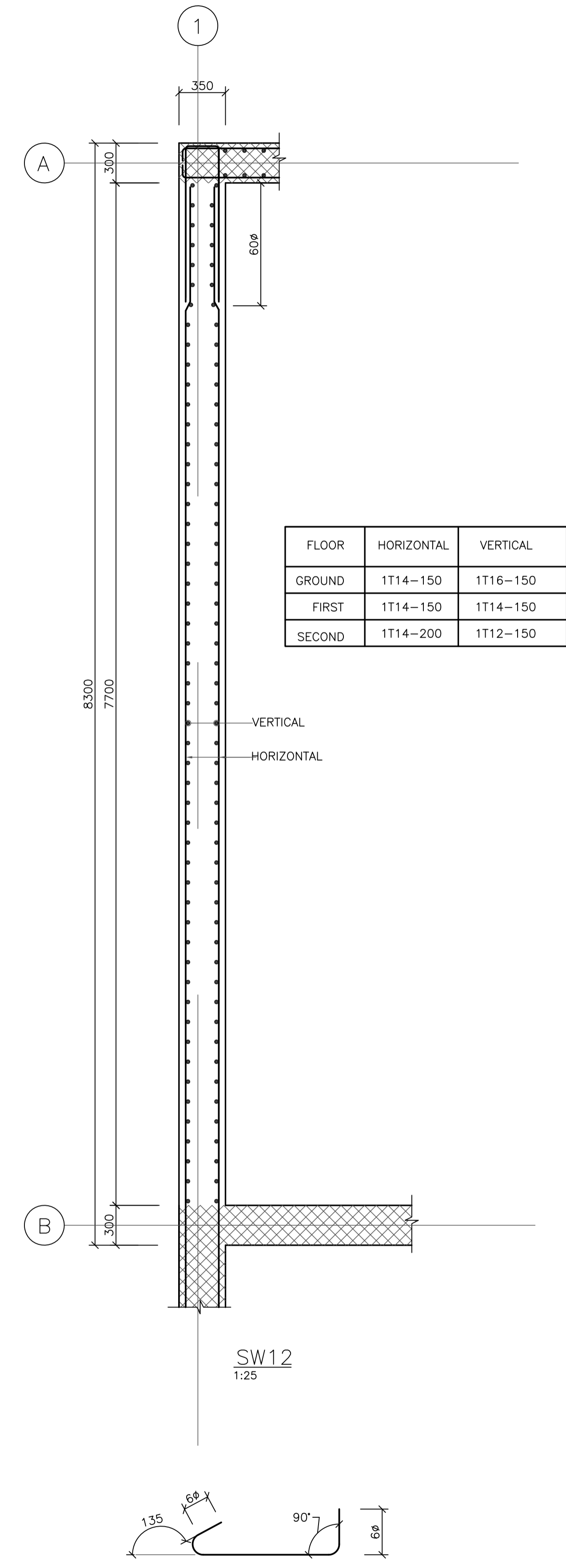
SW10 REINFORCEMENT SCHEDULE		
FLOOR	HORIZONTAL	VERTICAL
GROUND	1T12-200	1T18-150
FIRST	1T12-200	1T18-150
SECOND	1T12-200	1T18-150
ROOF [FUTURE VER. EXPANSION]	1T12-200	1T18-150



SW8 REINFORCEMENT SCHEDULE		
FLOOR	HORIZONTAL	VERTICAL
GROUND	1T12-200	1T14-150
FIRST	1T12-200	1T14-150
SECOND	1T12-200	1T12-150
ROOF	1T12-200	1T12-150



SW11 REINFORCEMENT SCHEDULE		
FLOOR	HORIZONTAL	VERTICAL
GROUND	1T12-200	1T16-150
FIRST	1T12-200	1T16-150
SECOND	1T12-200	1T16-150
ROOF [FUTURE VER. EXPANSION]	1T12-200	1T16-150

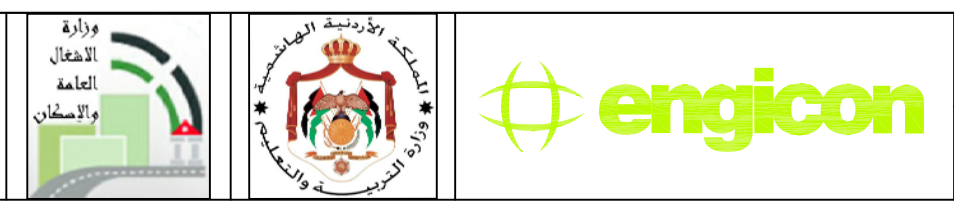


FLOOR	HORIZONTAL	VERTICAL
GROUND	1T14-150	1T16-150
FIRST	1T14-150	1T14-150
SECOND	1T14-200	1T12-150

SEISMIC HOOK TYPICAL DETAIL  
N.T.S.

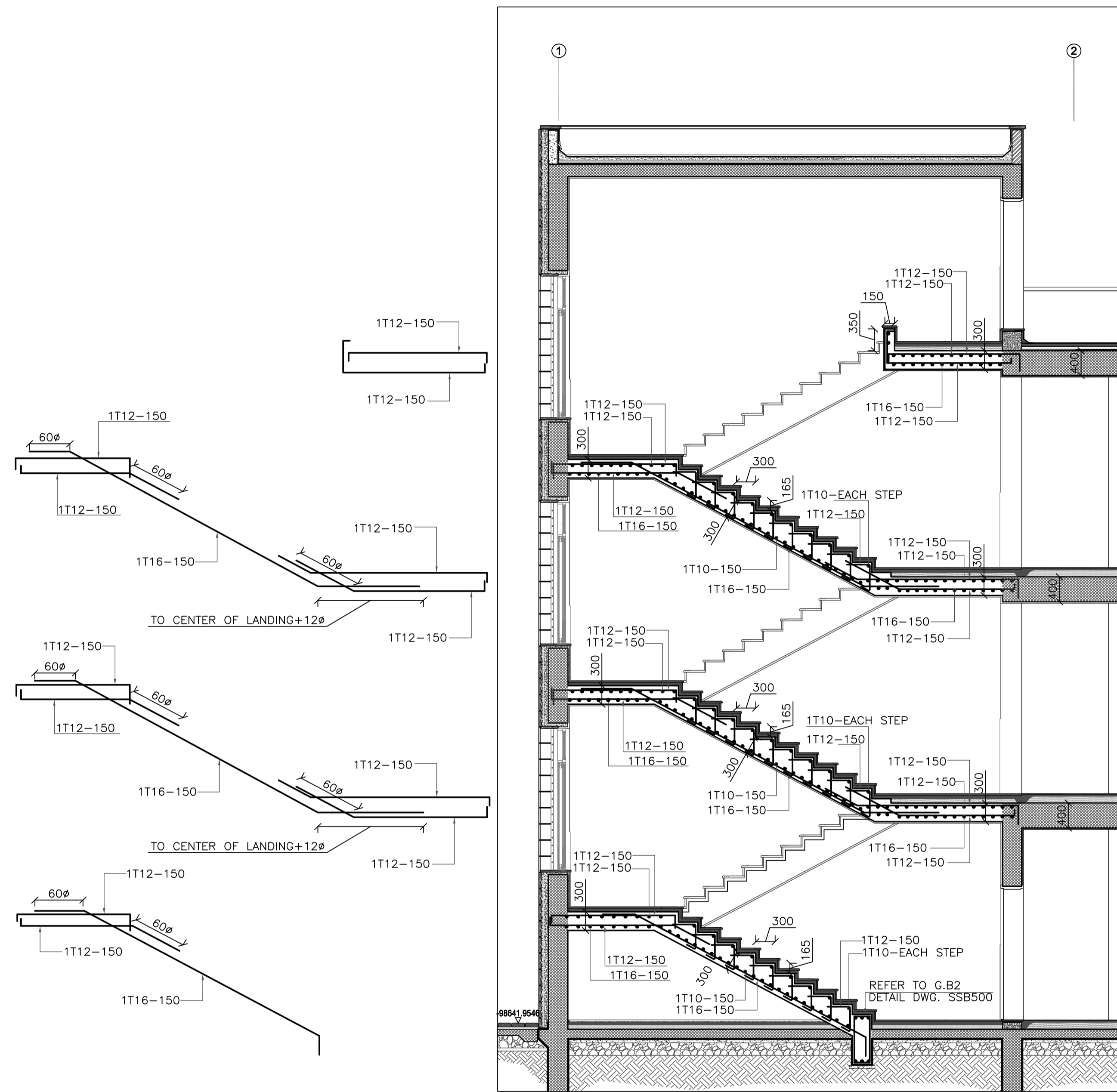
REV.	DATE	REMARKS
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NOTES:



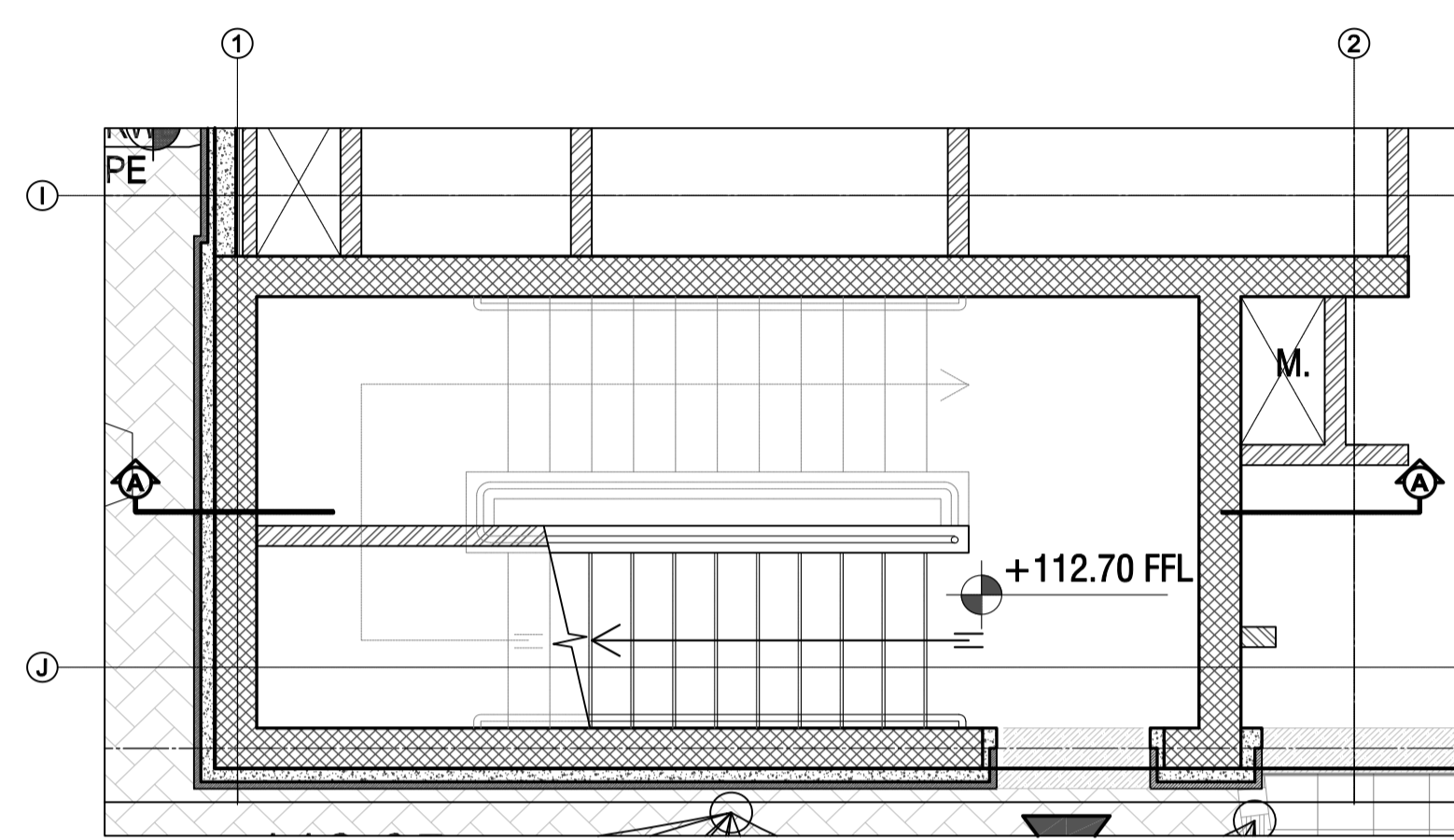
PHASE III HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
PACKAGE 2 SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME:		Design:	Drawn:	Checked:	North
SHEAR WALLS REINFORCEMENT		M.N.	CAD		
PLOT No 99 LOCATION AL NABI HOOD BASIN NO 003-AL HAMRA DRAWING NUMBER: SKEP 16-SCP311		Scale: 1:25	Date: June 2019	Approved: V.Z.	

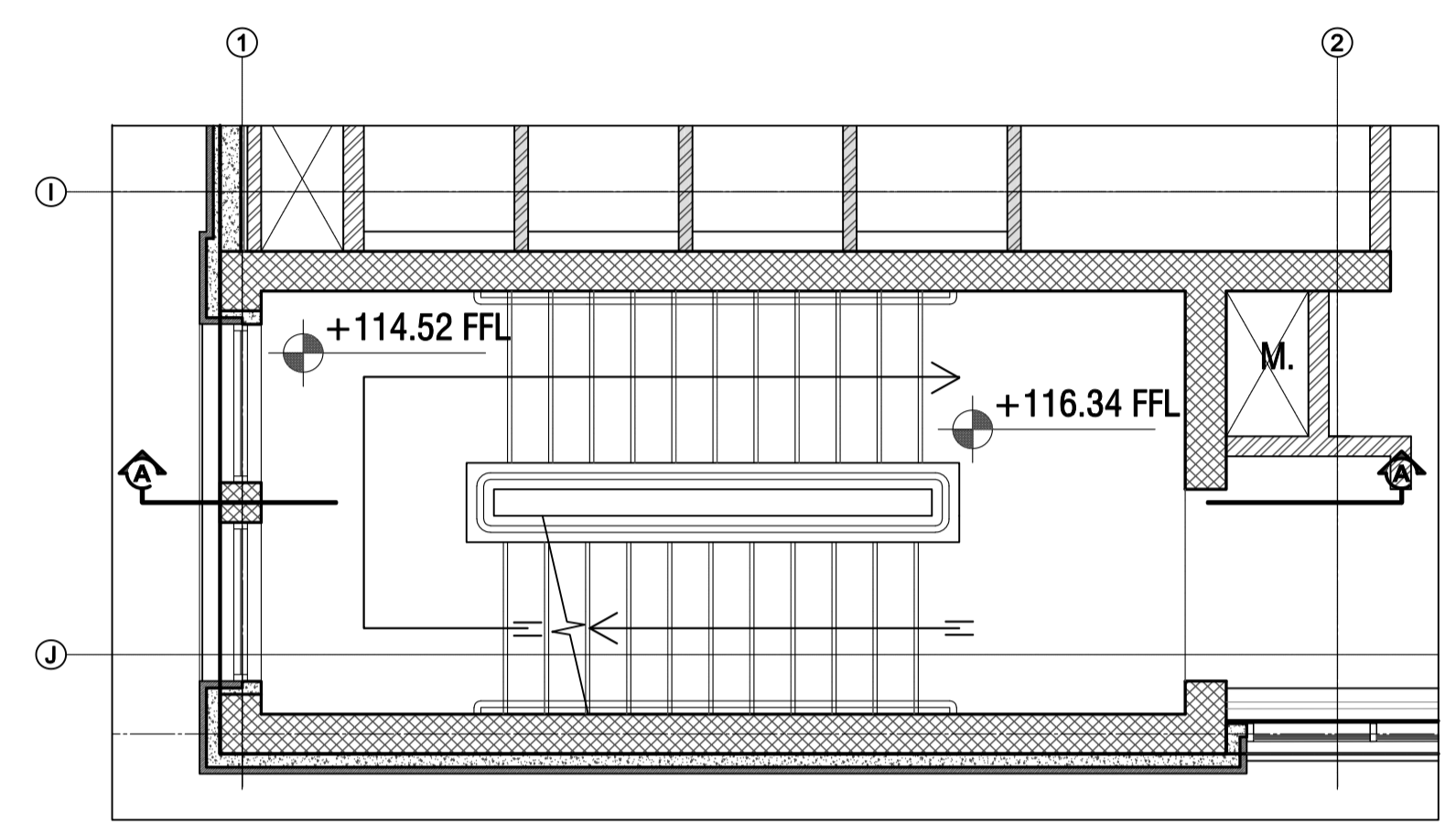


**SECTION A-A**  
SCALE 1:50

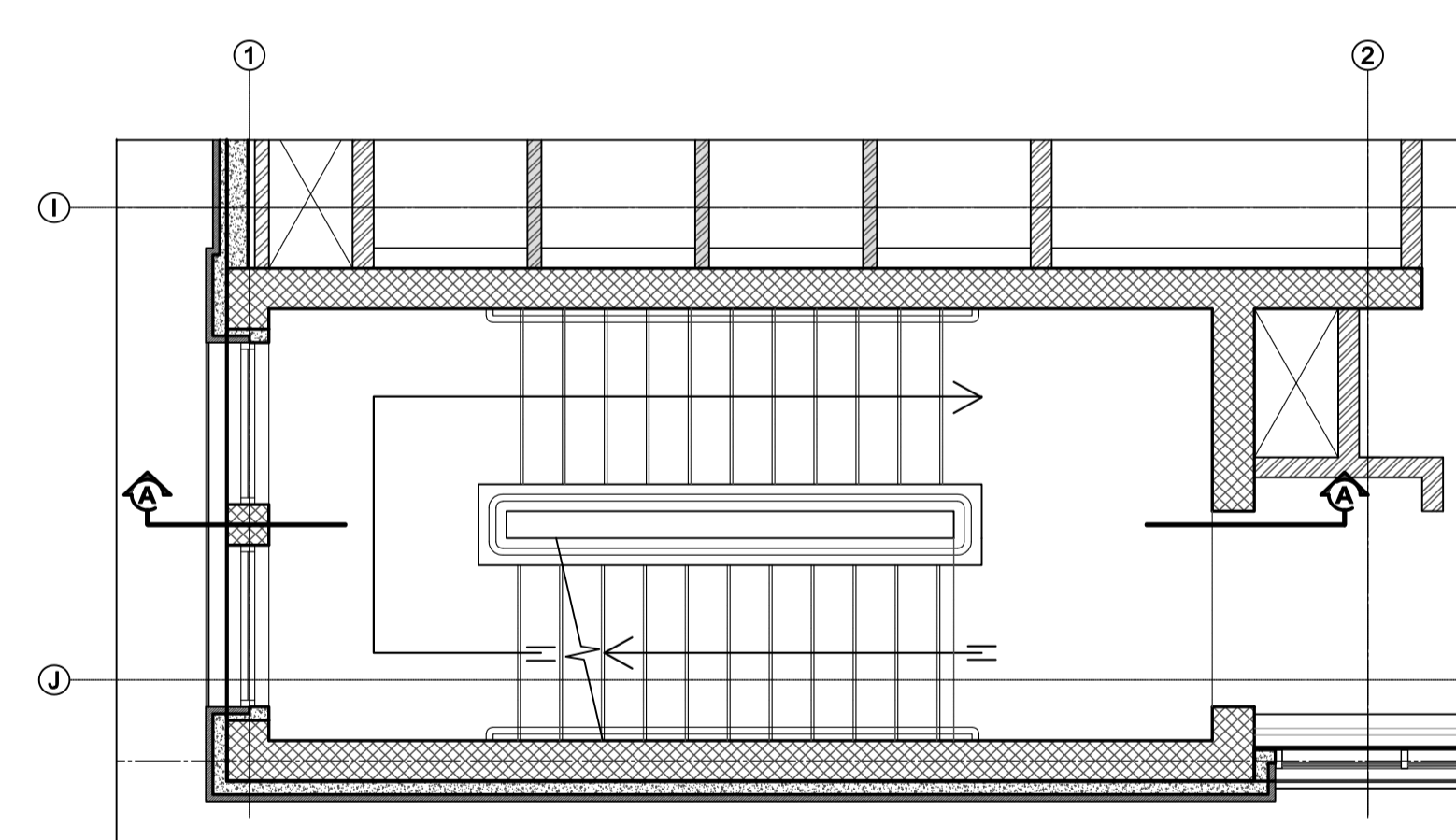
\* STAIRS FLIGHTS ARE SUPPORTED ON LANDINGS  
 REINFORCEMENT ARRANGEMENT SHOWN IN SECTION ABOVE SHOULD BE FOLLOWED.  
 \* FOR LEVELS AND DIMENSIONS REFER TO ARCHITECTURAL DRAWINGS.



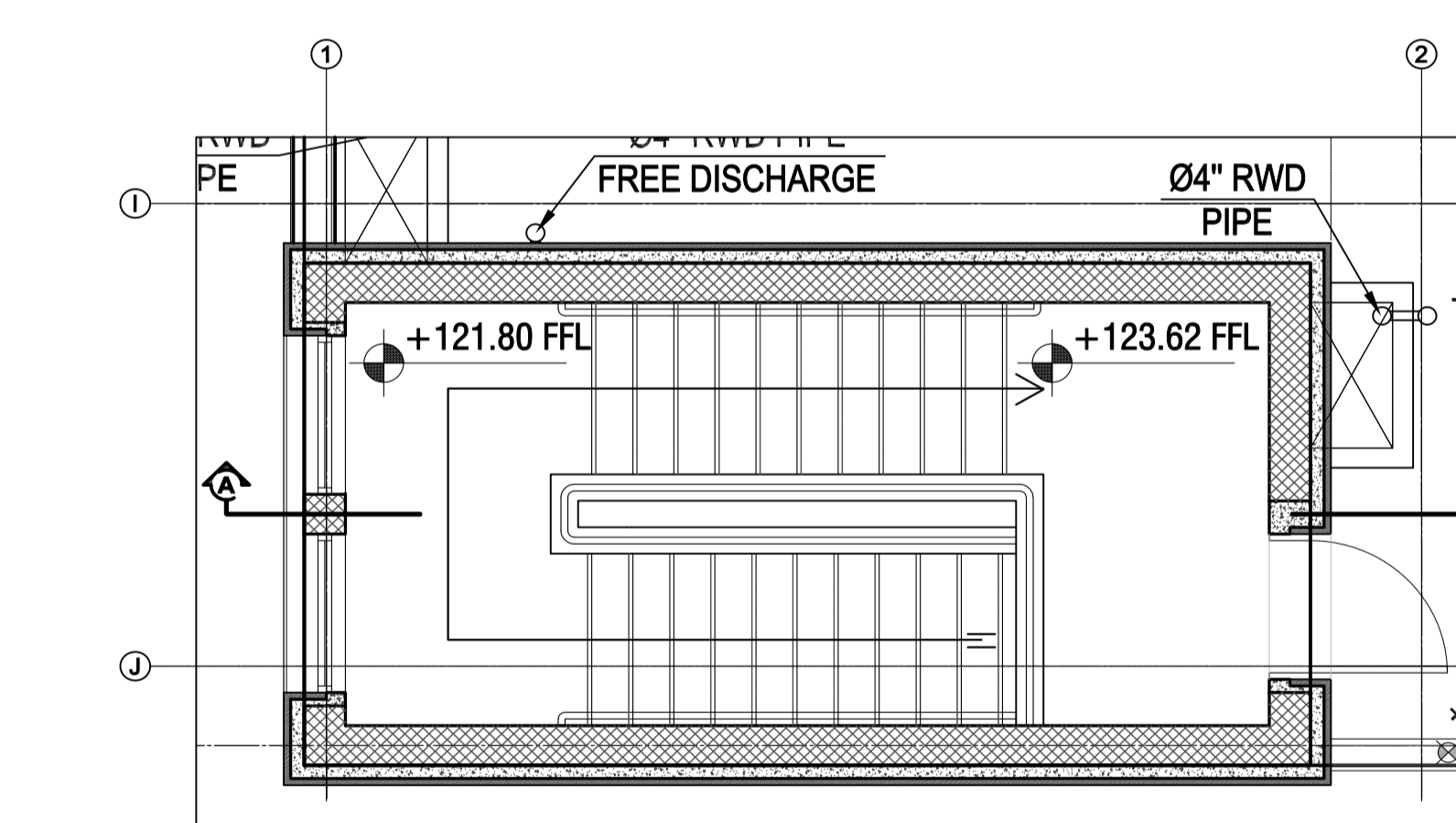
**STAIR AT GROUND FLOOR**  
SCALE 1:50



**STAIR AT FIRST FLOOR**  
SCALE 1:50



**STAIR AT SECOND FLOOR**  
SCALE 1:50



**STAIR AT ROOF FLOOR**  
SCALE 1:50

REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

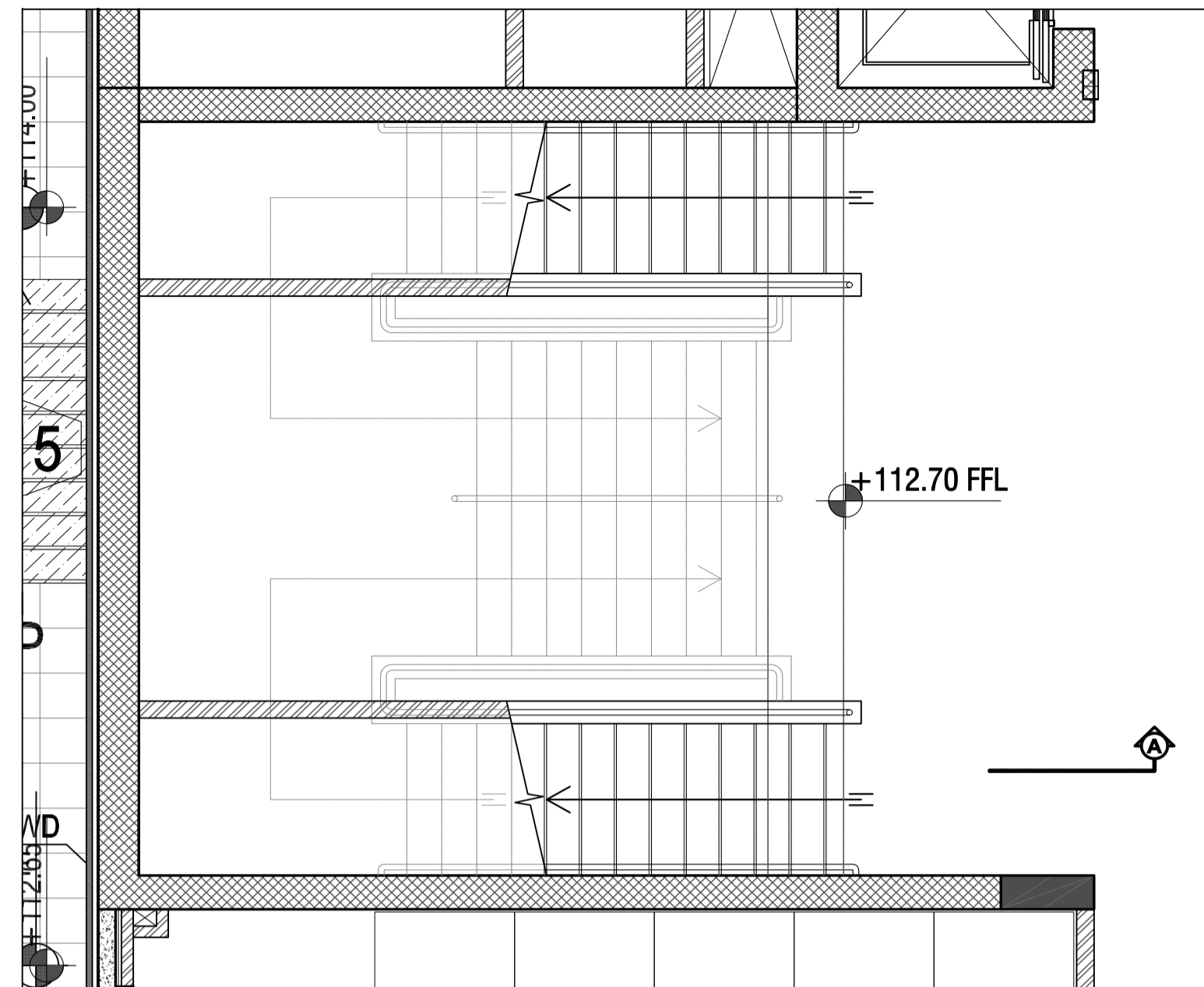
NOTES:



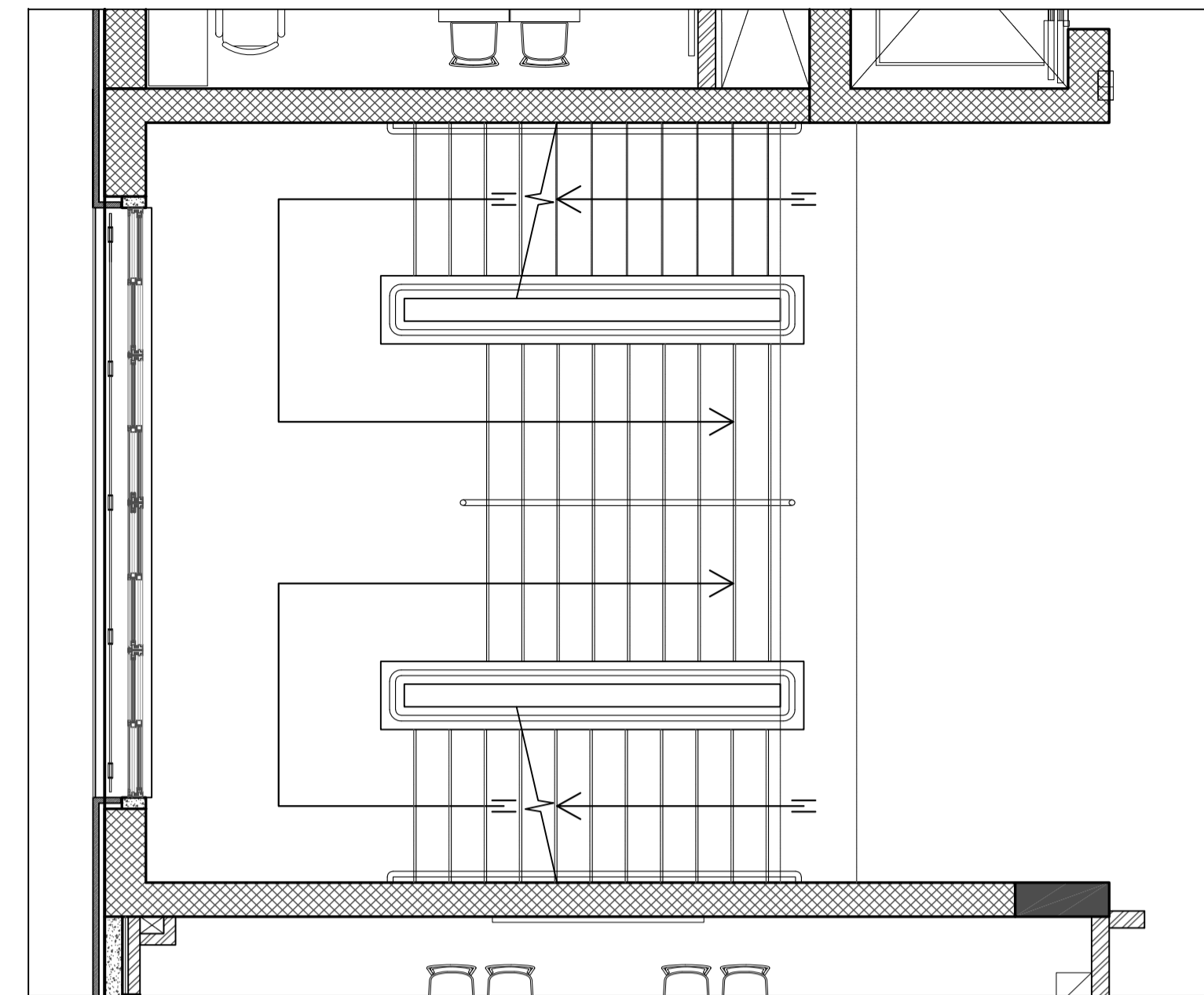
PHASE III HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
 PACKAGE 2 SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME: STAIR CASE 1 STRUCTURAL DETAILS  
 Design: M.N. Drawn: CAD Checked: North  
 Scale: 1:50 Date: June 2019 Approved: W.Z.  
 PLOT No: 99 LOCATION: AL NABI HOOD BASIN NO: 003-AL HAMRA DRAWING NUMBER: SKEP 16-SCP312

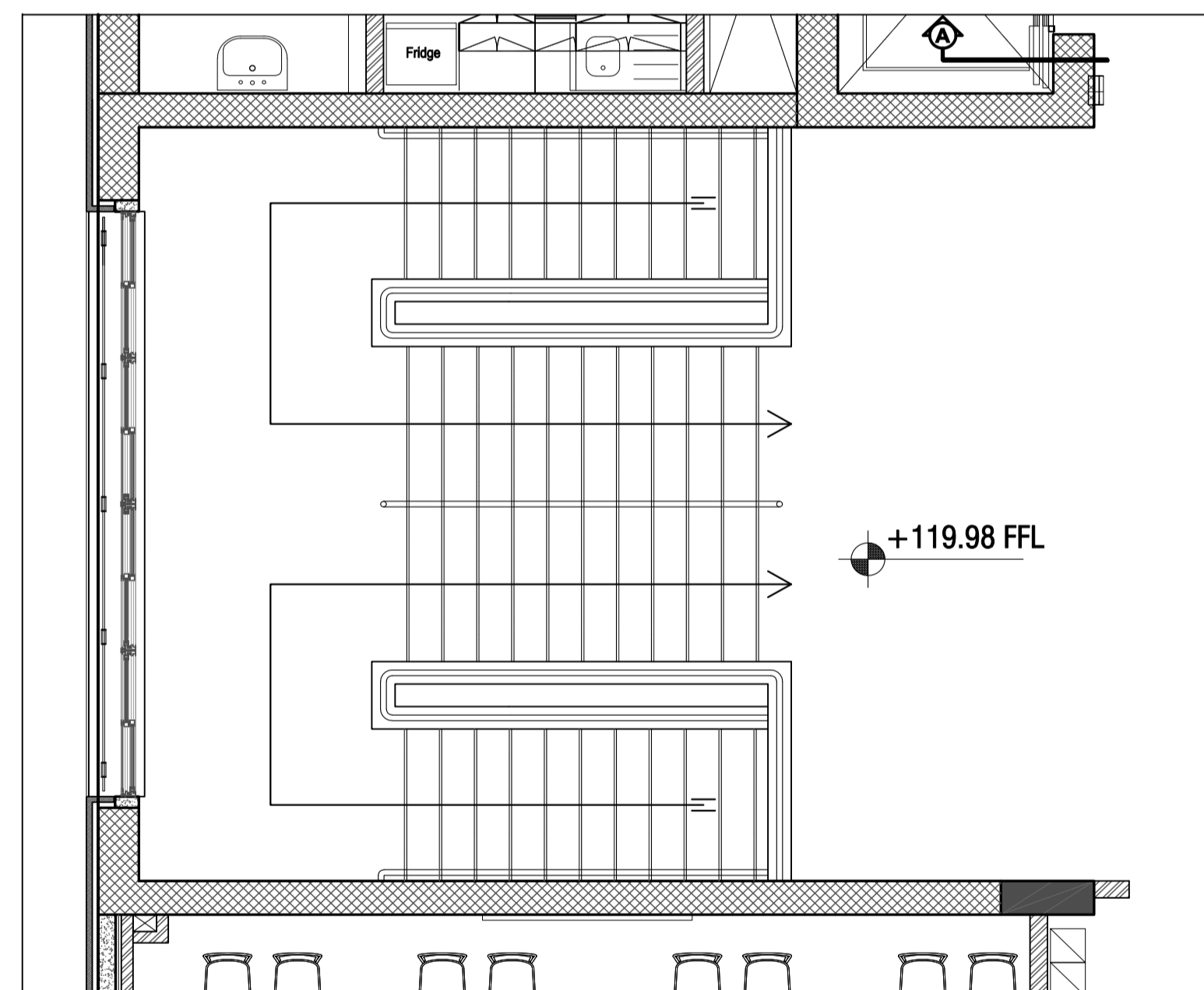
Rev: 0



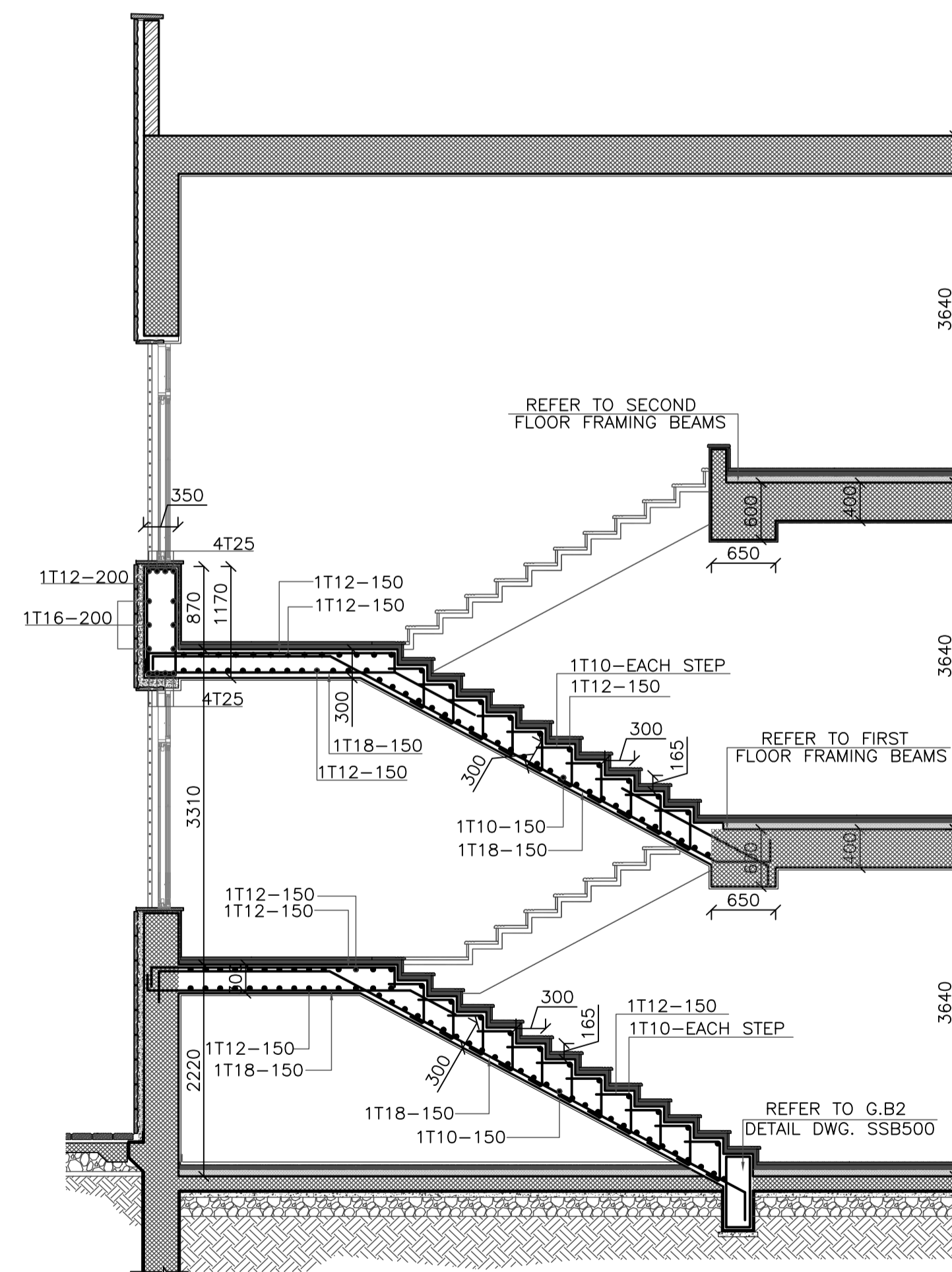
STAIR AT GROUND FLOOR  
SCALE 1:50



STAIR AT FIRST FLOOR  
SCALE 1:50

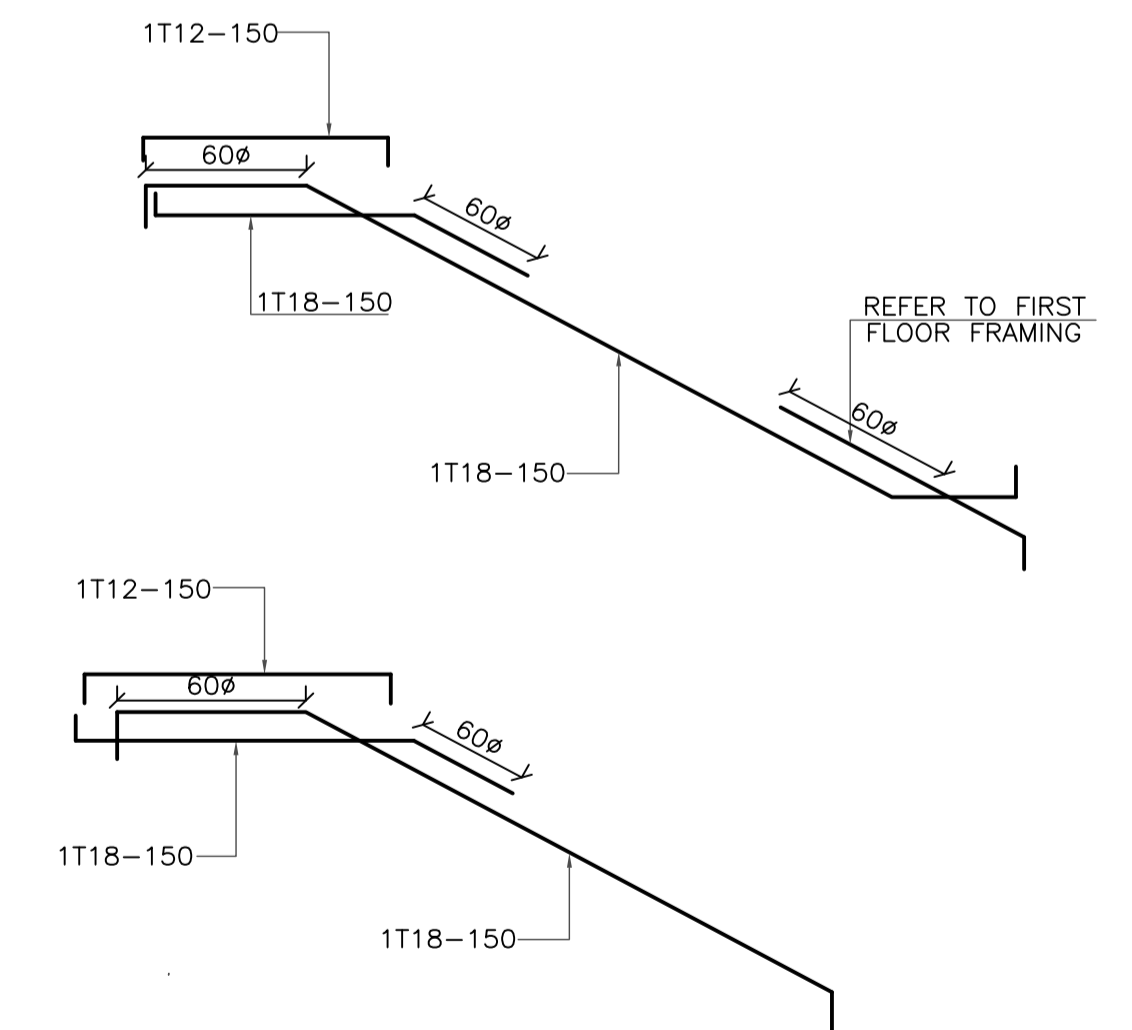


STAIR AT SECOND FLOOR  
SCALE 1:50



SECTION A  
SCALE 1:50

\* FOR LEVELS AND DIMENSIONS REFER TO ARCHITECTURAL DRAWINGS.



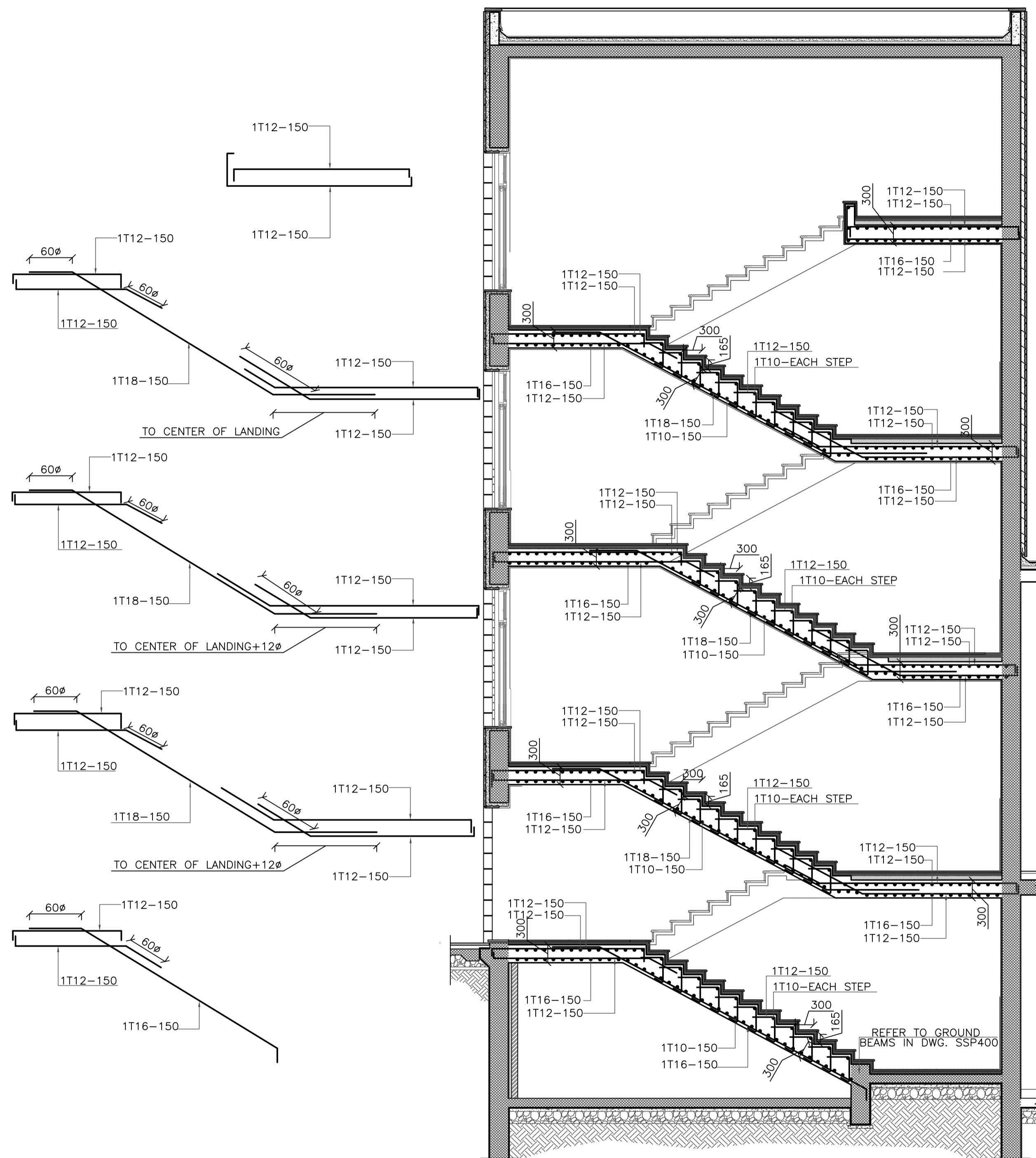
REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

NOTES:



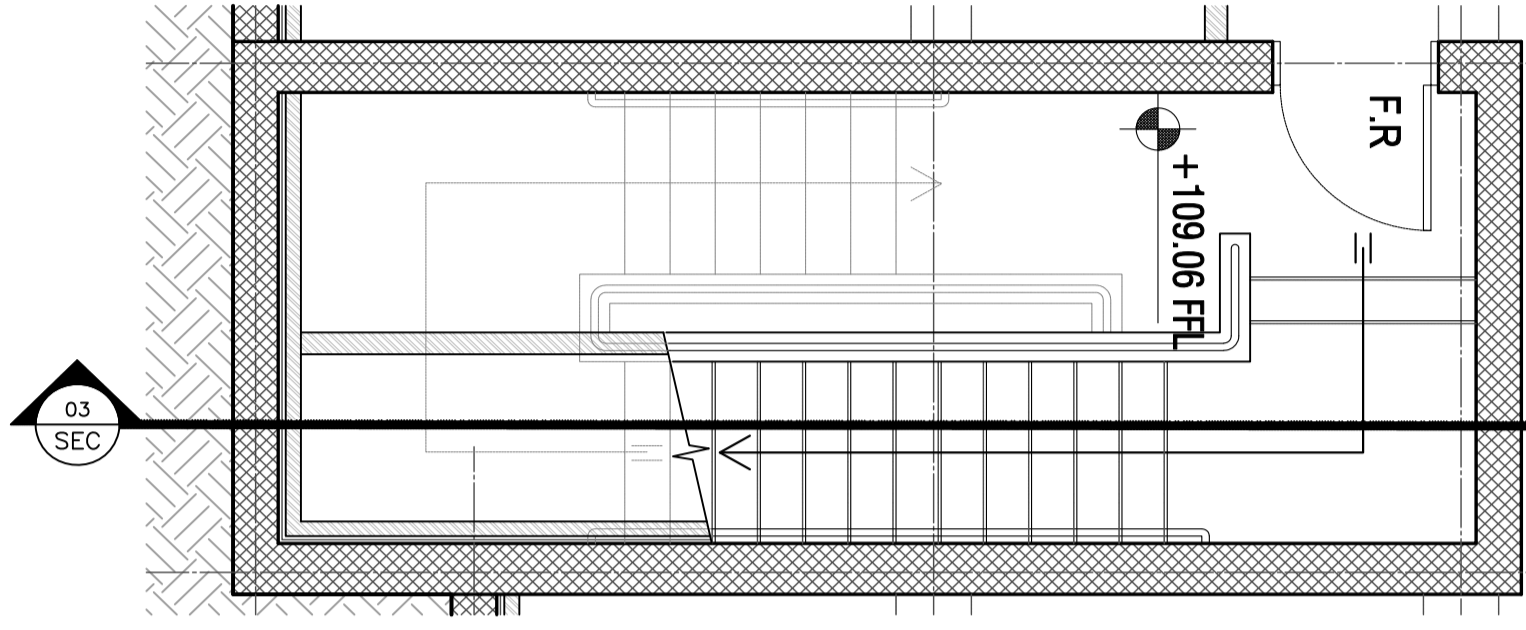
PHASE III	HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)
PACKAGE 2	SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME: STAIR CASE 2 STRUCTURAL DETAILS		Design: M.N.	Drawn: CAD	Checked:	North:
PLOT No: 99		Scale: 1:50	Date: June 2019	Approved: W.Z.	Rev.: 0
LOCATION: AL NABI HOOD	BASIN NO: 003-AL HAMRA	DRAWING NUMBER: SKEP 16-SCP313			

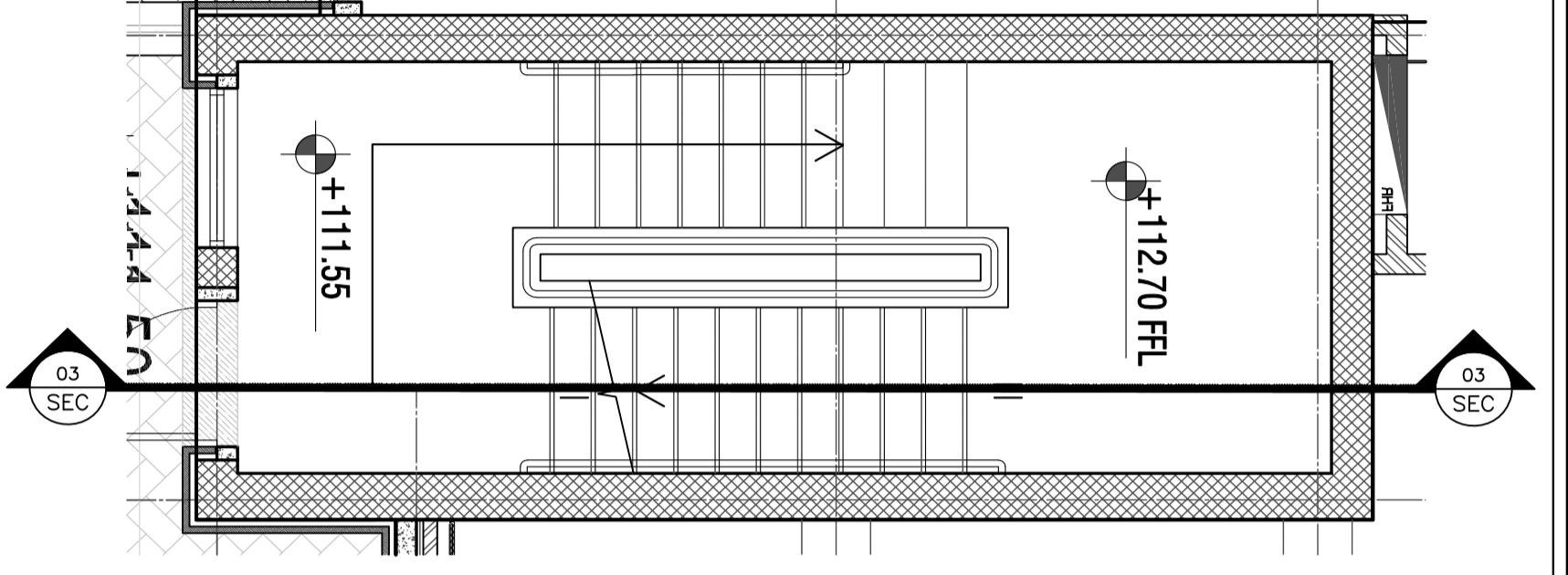


\* STAIRS FLIGHTS ARE SUPPORTED ON LANDINGS  
 REINFORCEMENT ARRANGEMENT SHOWN IN SECTION ABOVE SHOULD BE FOLLOWED.  
 \* FOR LEVELS AND DIMENSIONS REFER TO ARCHITECTURAL DRAWINGS.

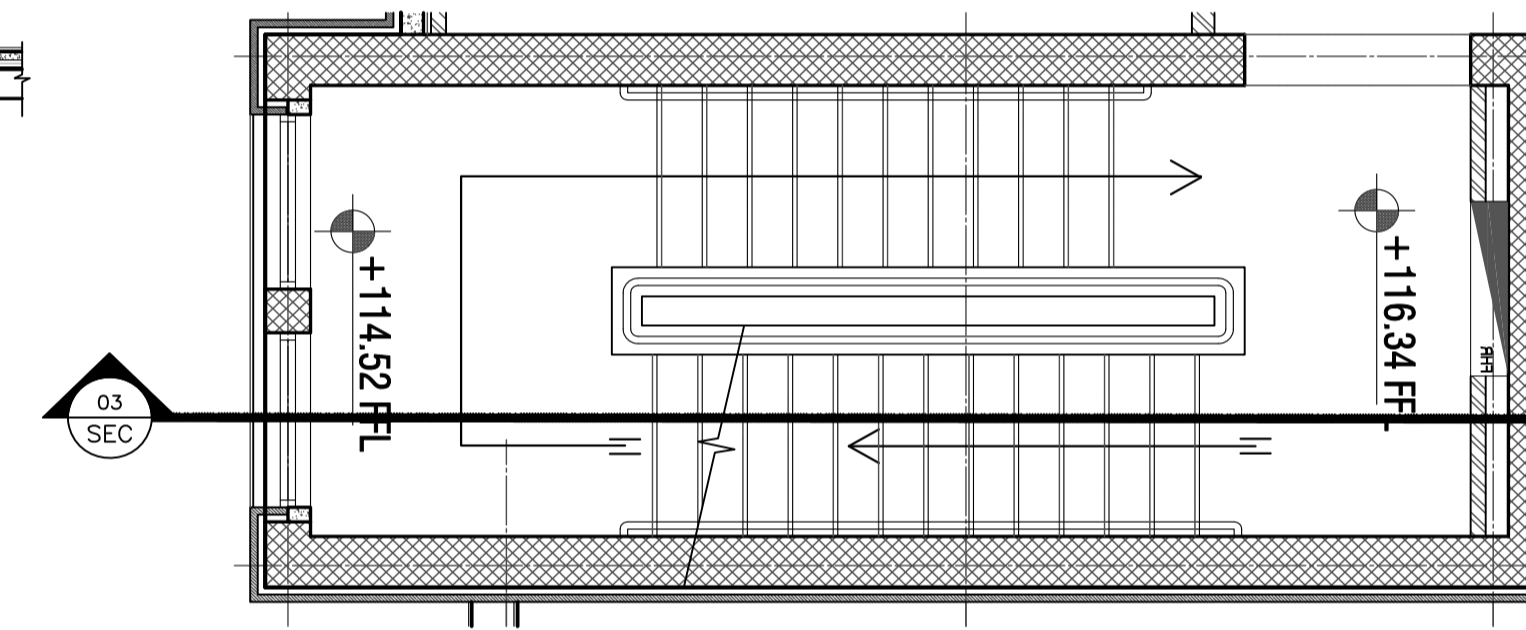
SECTION 3  
 ST03 SCALE 1:50



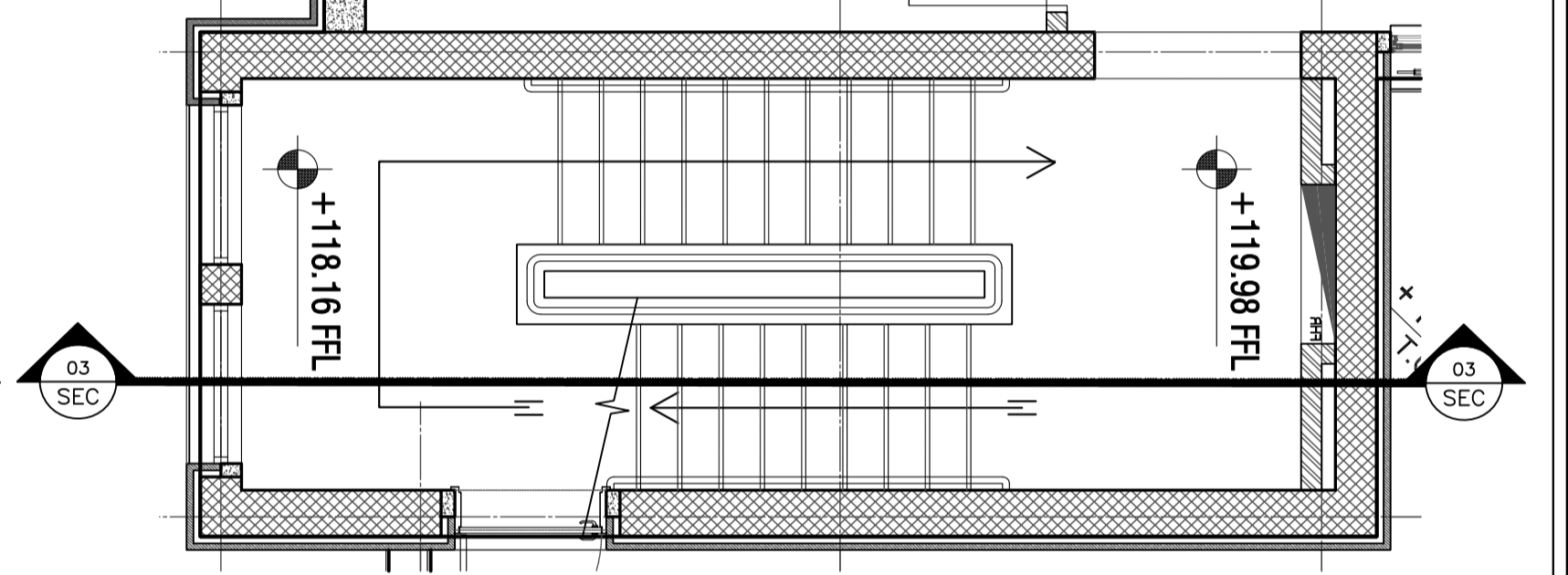
STAIR AT BASEMENT FLOOR  
 ST03 SCALE 1:50



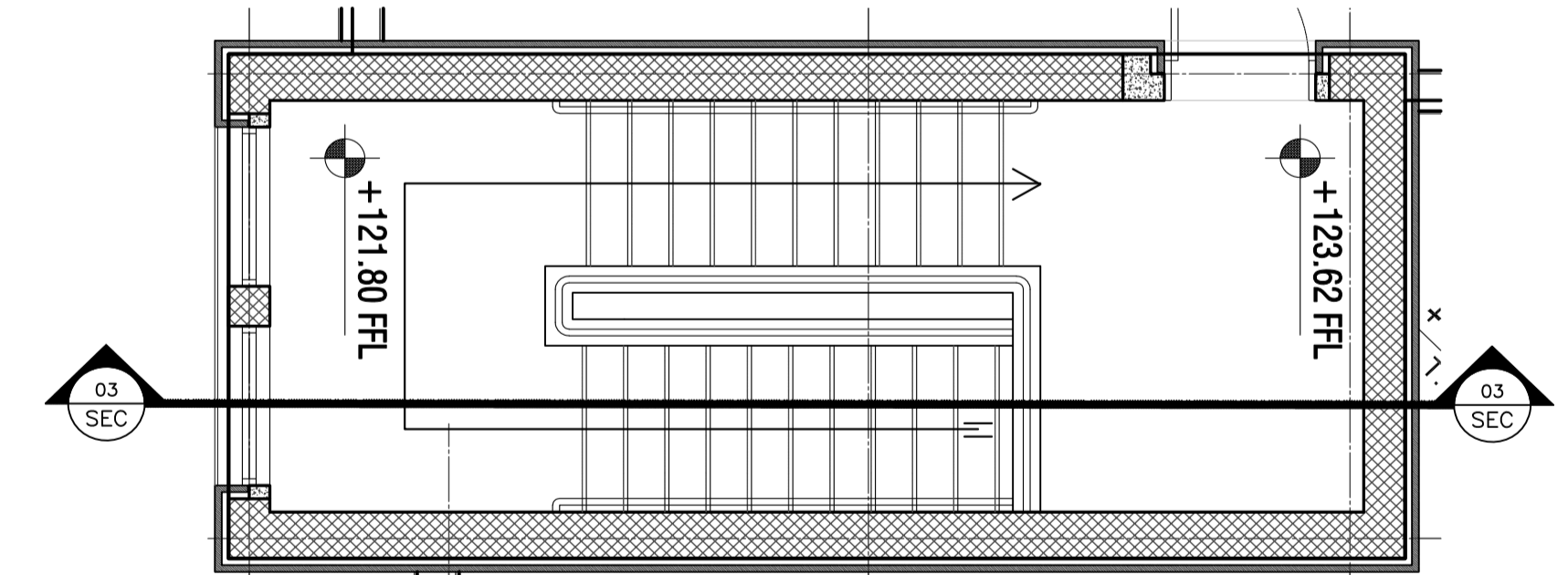
STAIR AT GROUND FLOOR  
 ST03 SCALE 1:50



STAIR AT FIRST FLOOR  
 ST03 SCALE 1:50



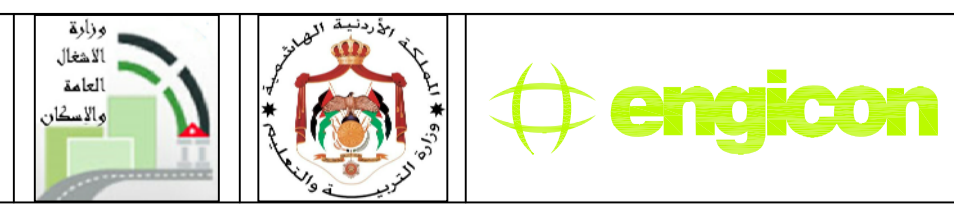
STAIR AT SECOND FLOOR  
 ST03 SCALE 1:50



STAIR AT ROOF FLOOR  
 ST03 SCALE 1:50

REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

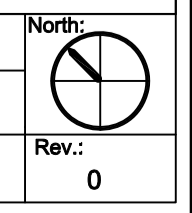
NOTES:



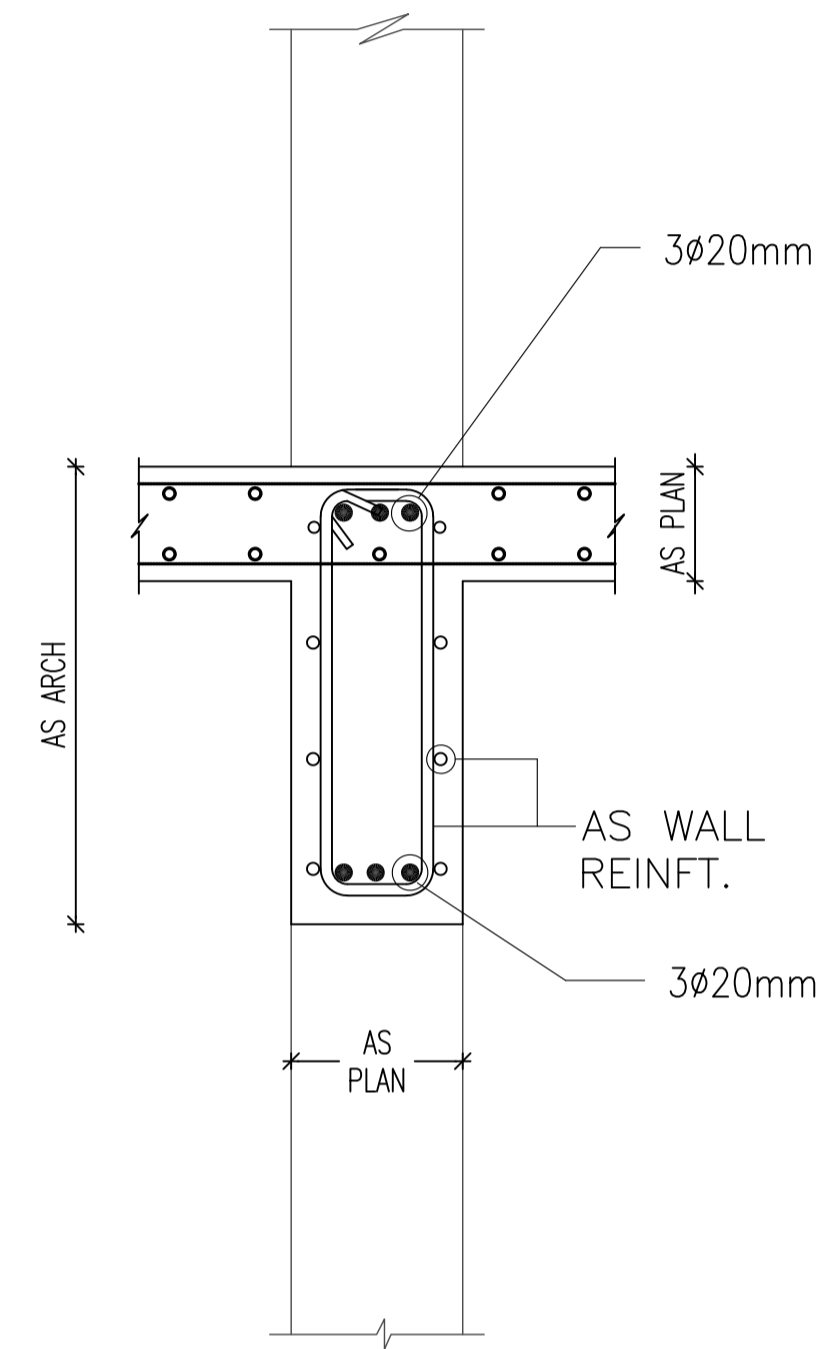
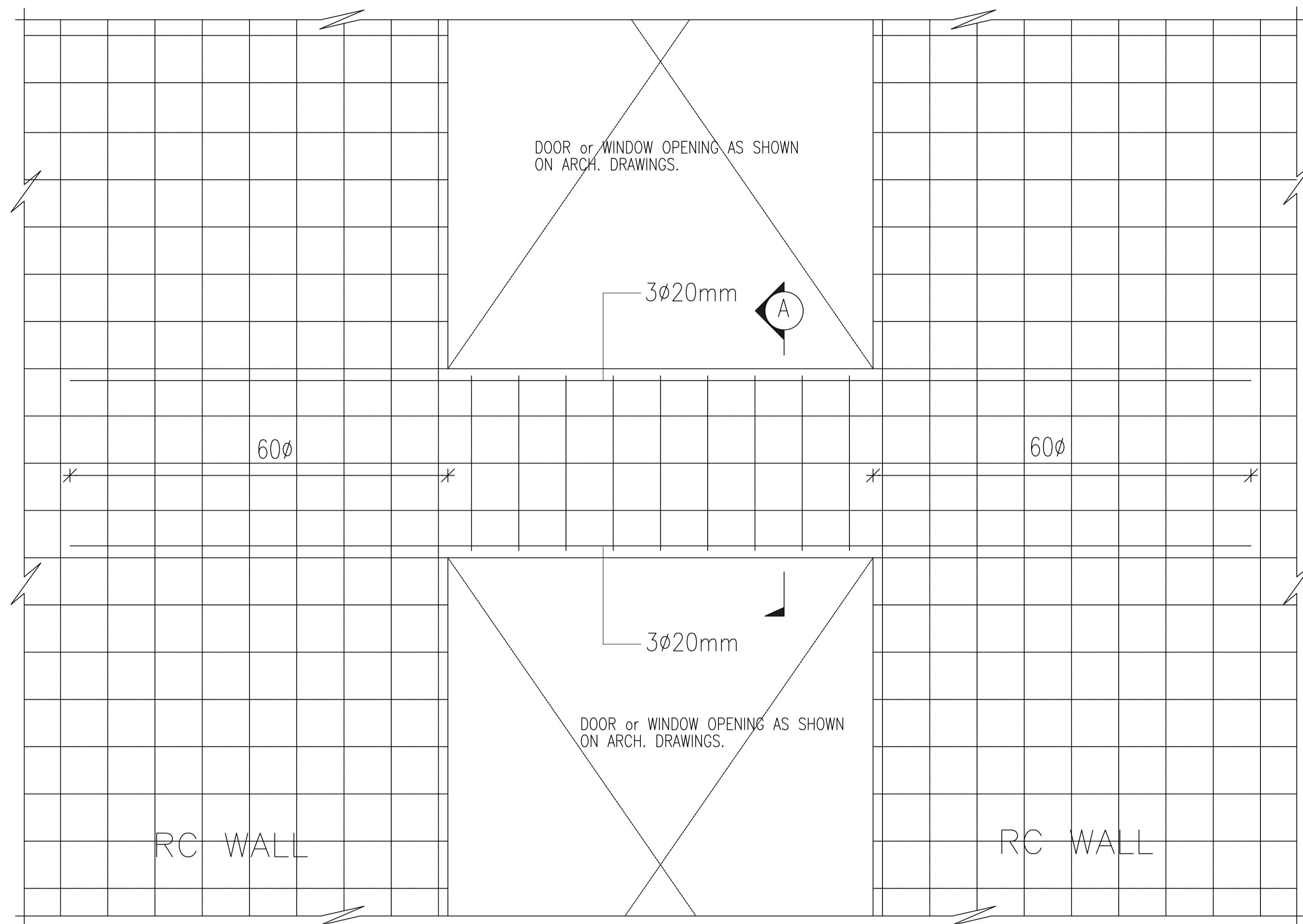
PHASE III  
 PACKAGE 2  
 HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
 SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME:  
 STAIR CASE 3 STRUCTURAL DETAILS  
 Design: M.N.  
 Scale: 1:50  
 Drawn: CAD  
 Date: June 2019  
 Approved: W.Z.

DRAWING NUMBER:  
 SKEP 16-SCP314  
 Rev.: 0



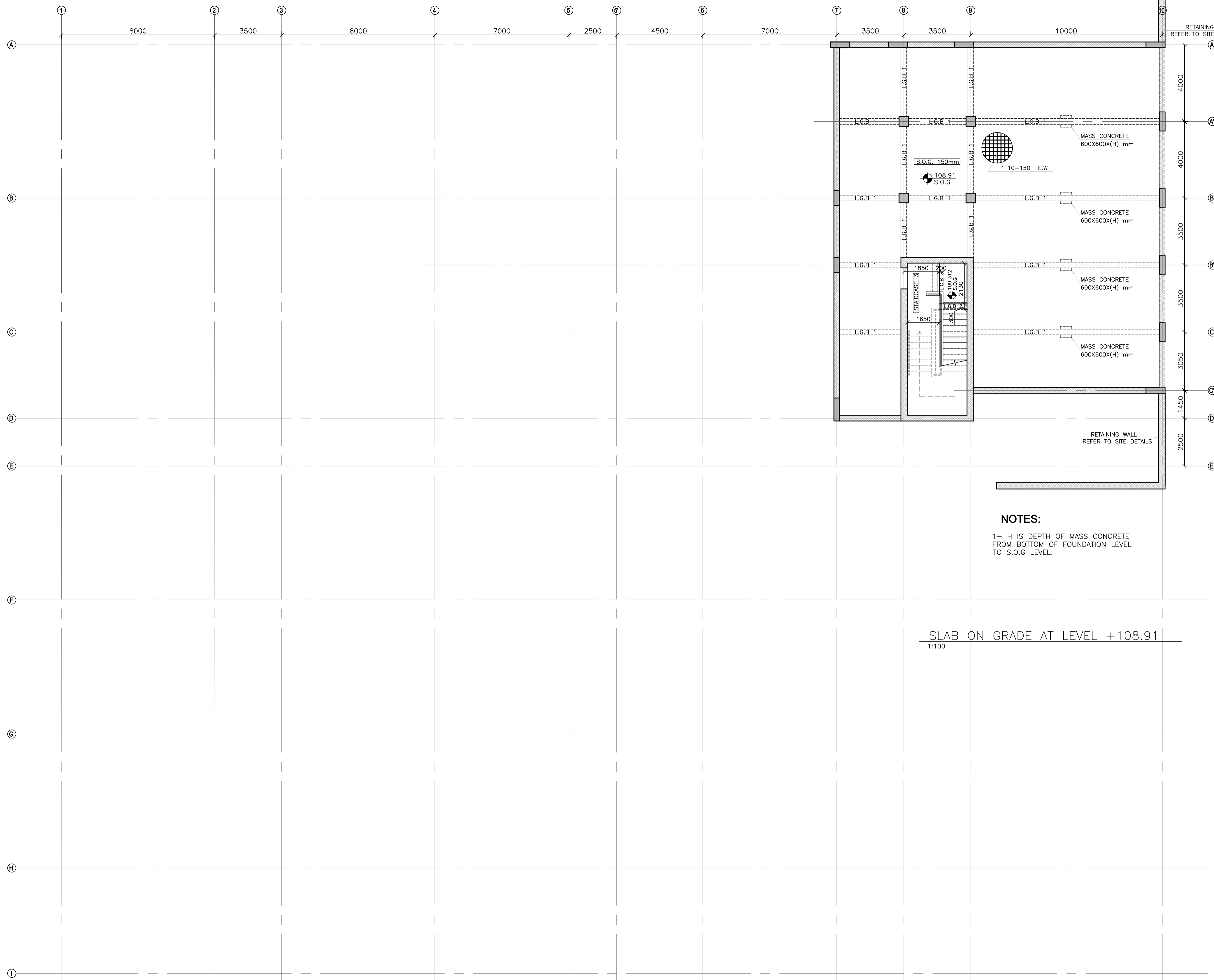




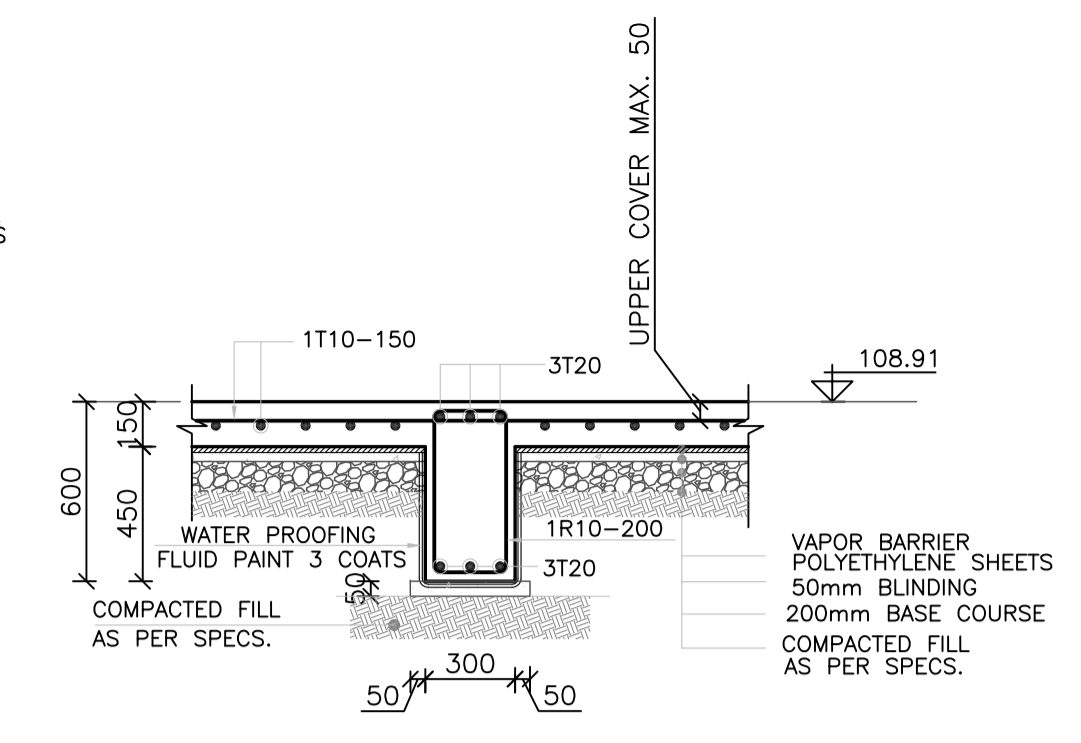
**SECTION A-A**

**TYPICAL DETAIL OF COUPLING BEAM IN SHEAR WALL OPENINGS (U.N.O.)**  
**N.T.S.**

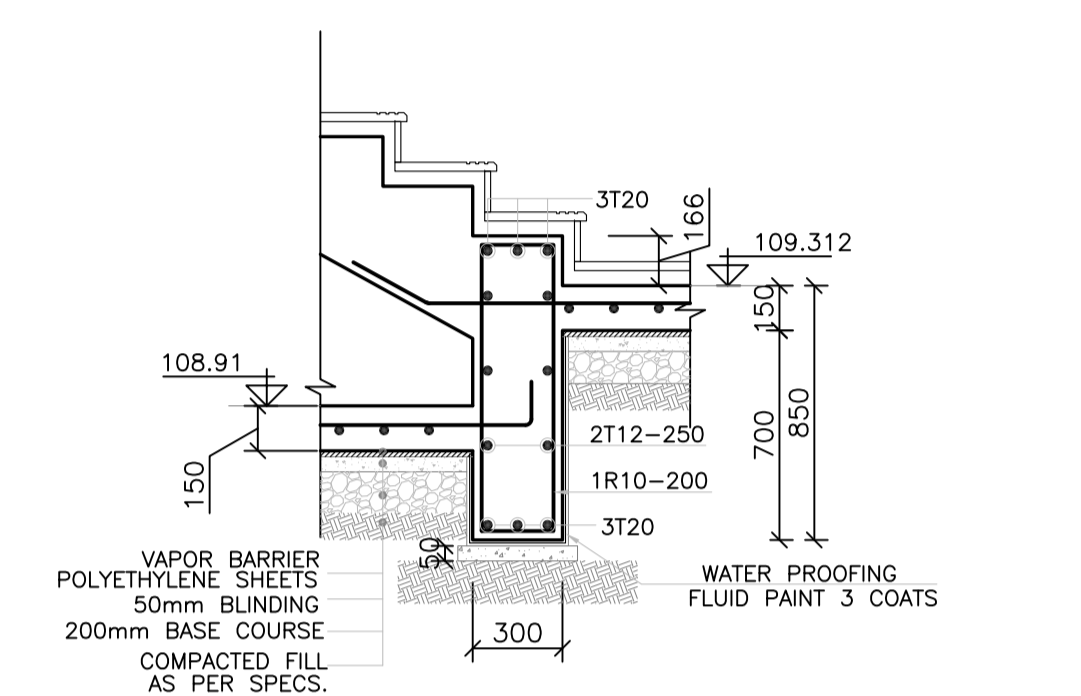
NOTES:			 <b>USAID</b> FROM THE AMERICAN PEOPLE	 وزارة التعليم المملكة الأردنية الهاشمية	 <b>engicon</b>	PHASE III HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)	DRAWING NAME: TYPICAL DETAIL OF COUPLING BEAM IN SHEAR WALL OPENINGS	Design: M.N. Scale: N.T.S.	Drawn: CAD Date: June 2019	Checked: W.Z. Approved: W.Z.	North:
REV. 0 DATE: June 2019 REMARKS: VOL. IV - TENDER DRAWINGS	PACKAGE 2 SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)					PLOT No: 99 LOCATION: AL NABI HOOD BASIN NO: 003-AL HAMRA	DRAWING NUMBER: SKEP 16-SCP315	Rev.: 0			



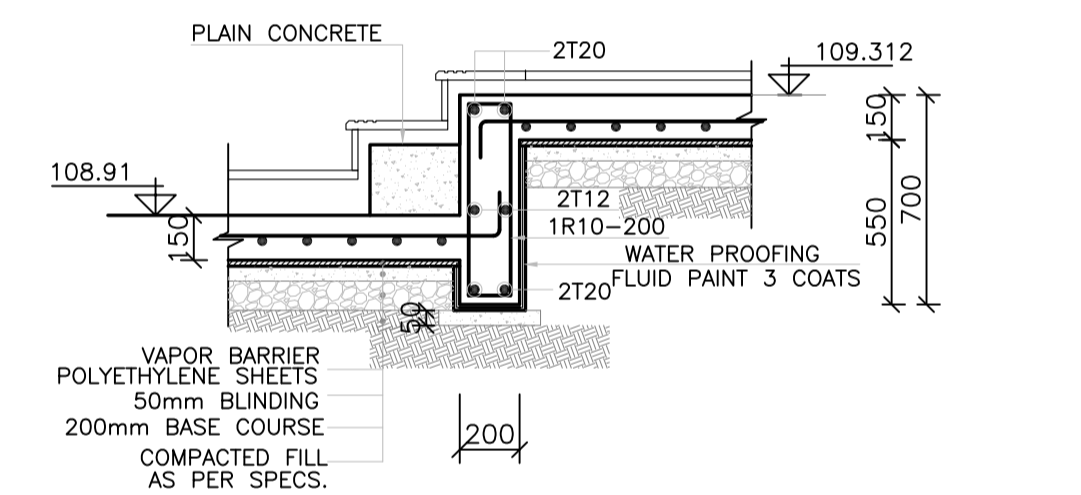
**NOTES:**  
 1- H IS DEPTH OF MASS CONCRETE FROM BOTTOM OF FOUNDATION LEVEL TO S.O.G LEVEL.



LOWER GROUND BEAM (L.G.B1) DETAIL  
1:25



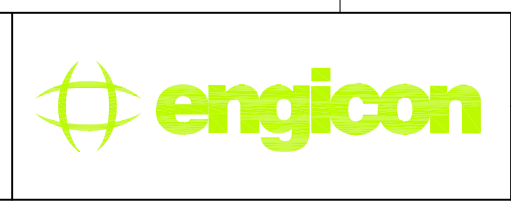
LOWER GROUND BEAM (L.G.B2) DETAIL  
1:25



LOWER GROUND BEAM (L.G.B3) DETAIL  
1:25

REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

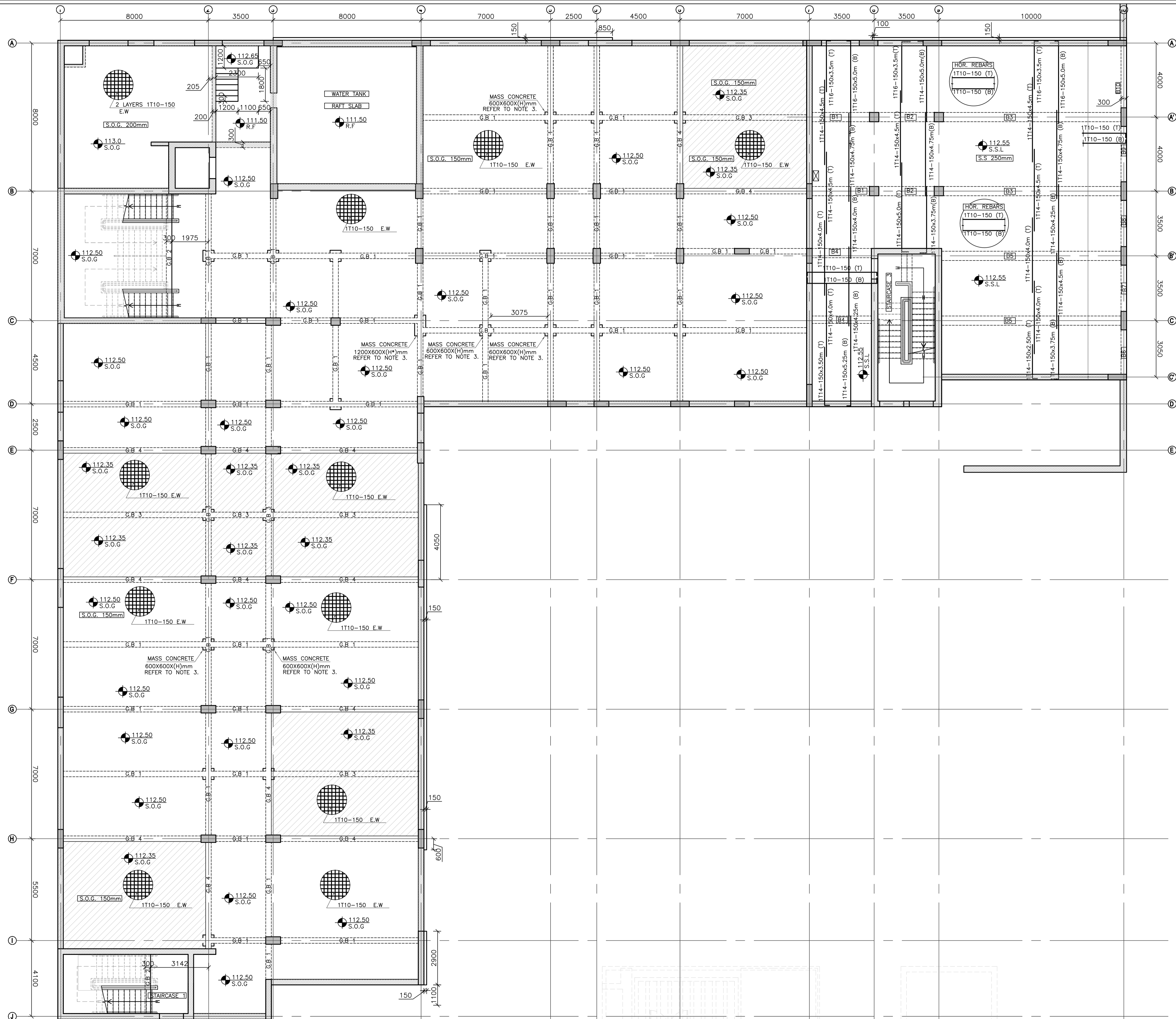
NOTES:



PHASE III HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
 PACKAGE 2 SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME: SLAB ON GRADE AT LEVEL +108.91  
 Design: M.N. Drawn: CAD Checked: North  
 Scale: AS SHOWN Date: June 2019 Approved: W.Z.  
 DRAWING NUMBER: SKEP 16-SSP400

PLOT No	LOCATION	BASIN No
99	AL NABI HOOD	003-AL HAMRA



- NOTES:**
- 1- FOR GROUND BEAMS REFER TO DRAWING SSB500.
  - 2- FOR GROUND FLOOR FRAMING BEAMS REFER TO DRAWING SSB500.
  - 3- THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH MECHANICAL DRAWINGS FOR PIPES LOCATIONS & TRACKS.
  - 4- H IS DEPTH OF MASS CONCRETE FROM BOTTOM OF FOUNDATION LEVEL TO S.O.G. LEVEL.

REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

NOTES:



PHASE III  
 PACKAGE 2  
 HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
 SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME:  
 SLAB ON GRADE & GROUND FLOOR FRAMING PLAN

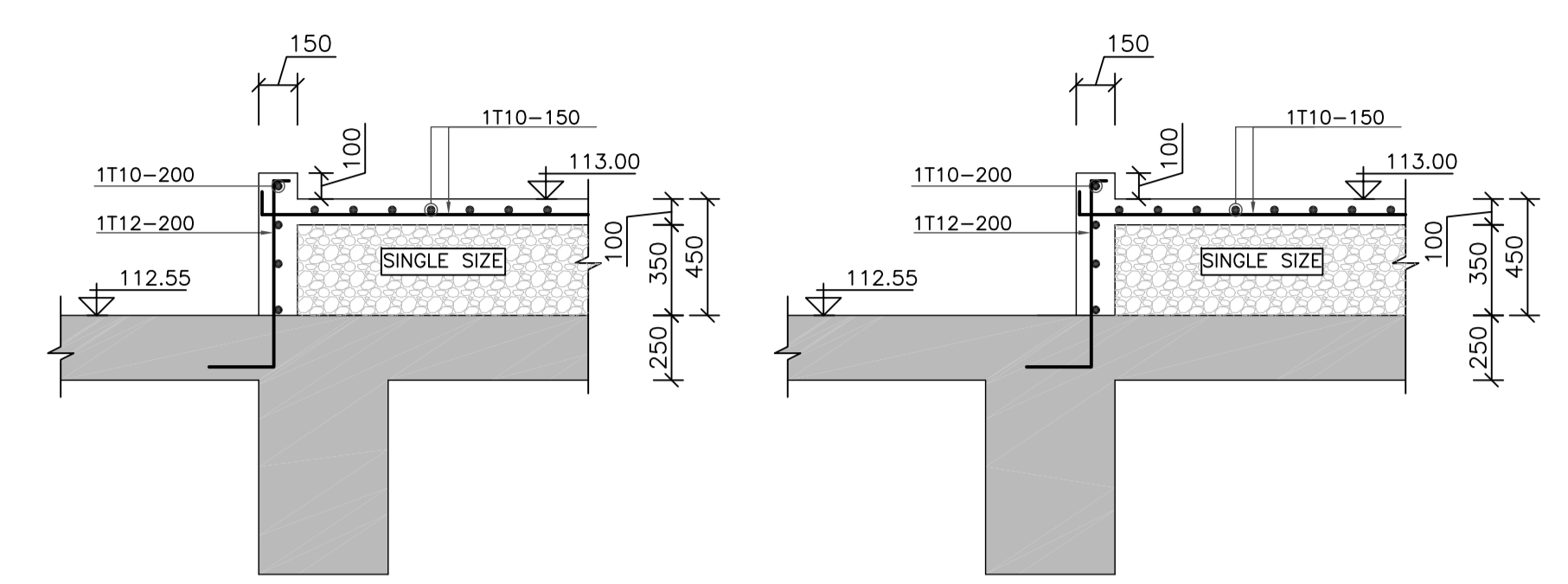
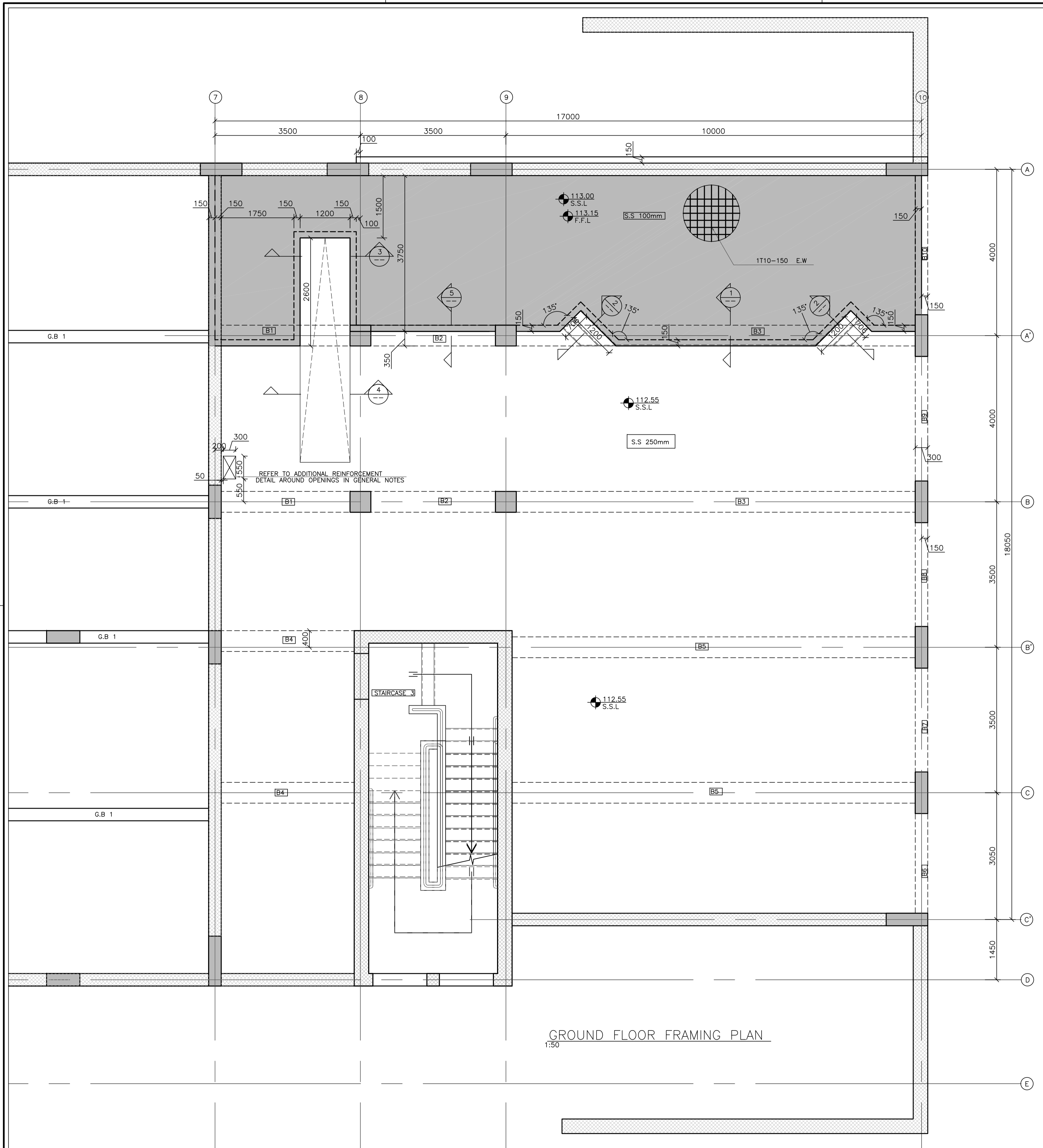
PLOT No: 99  
 LOCATION: AL NABI HOOD  
 BASIN NO: 003-AL HAMRA

Design: M.N.  
 Scale: 1:100  
 Date: June 2019

Checked: CAD  
 Approved: W.Z.

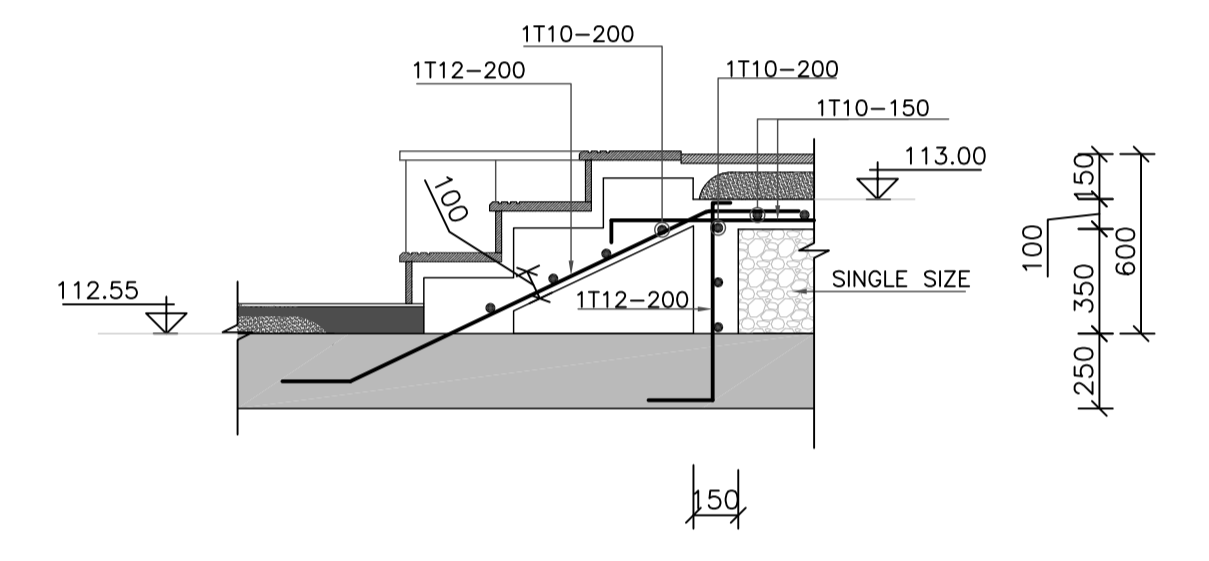
DRAWING NUMBER:  
 SKEP 16-SSP401

Rev: 0

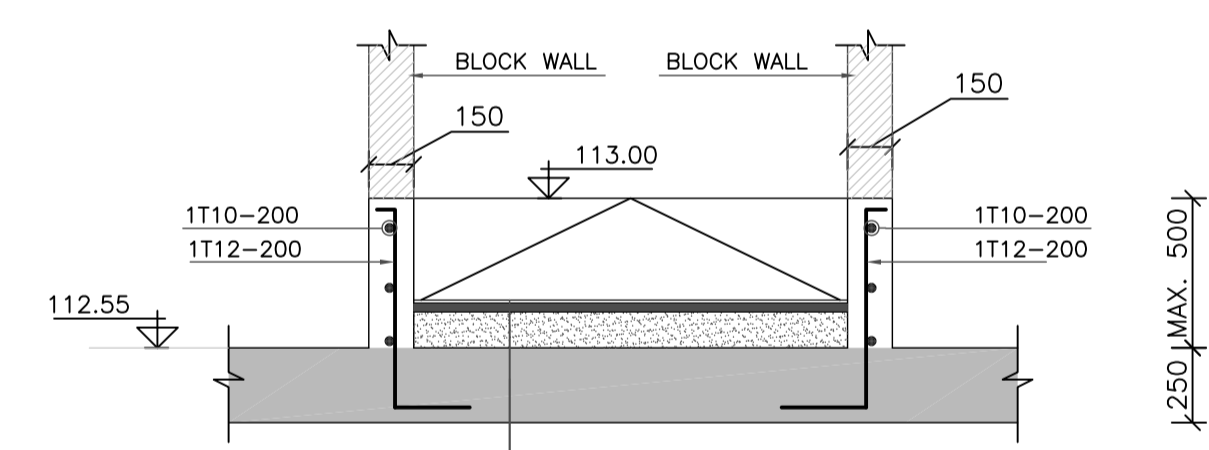


SECTION 1  
1:25

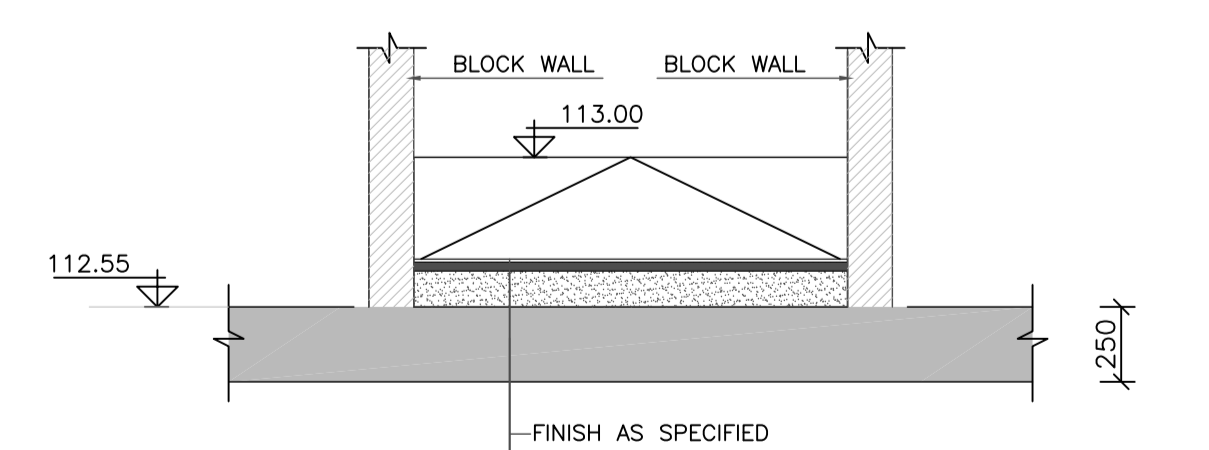
SECTION 5  
1:25



SECTION 2  
1:25



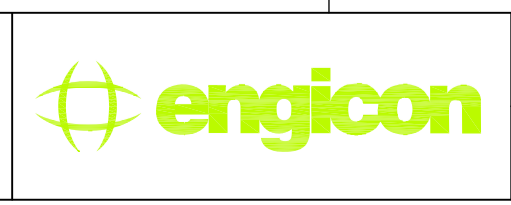
SECTION 3  
1:25



SECTION 4  
1:25

REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

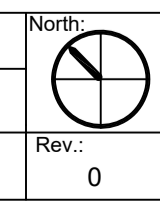
NOTES:

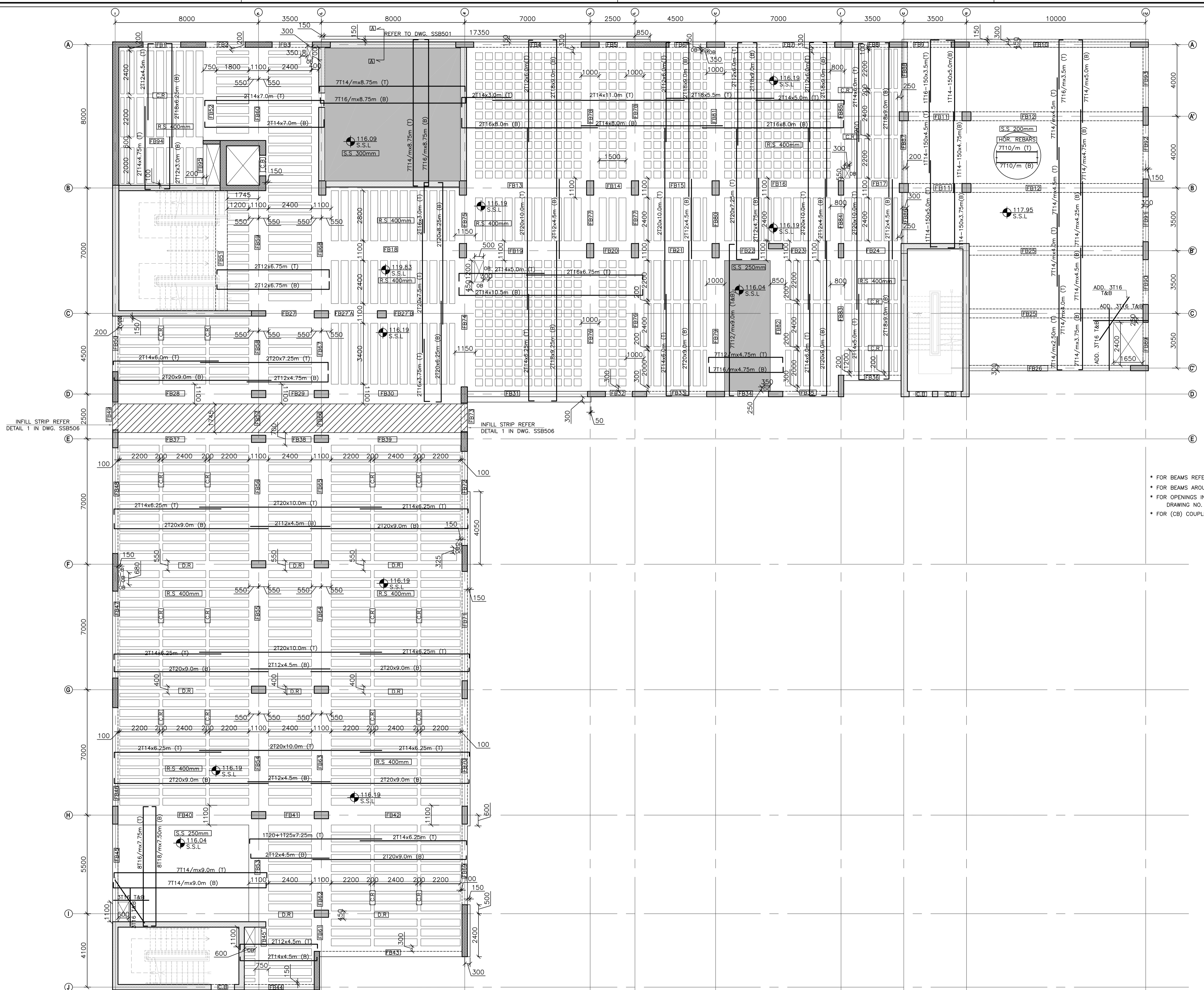


PHASE III	HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)
PACKAGE 2	SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME:	SLAB ON GRADE & GROUND FLOOR FRAMING PLAN
PLOT No	99
LOCATION	AL NABI HOOD
BASIN NO	003-AL HAMRA

Design:	M.N.	Drawn:	CAD	Checked:	
Scale:	AS SHOWN	Date:	June 2019	Approved:	W.Z.
DRAWING NUMBER:				SKEP 16-SSP402	

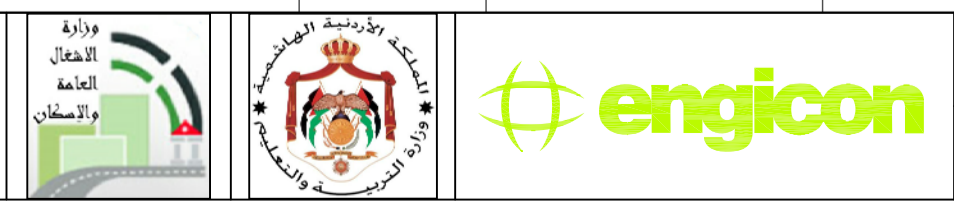




- \* FOR BEAMS REFER TO DRAWINGS FROM SSB501 TO SSB506
- \* FOR BEAMS AROUND OPENINGS (OB) REFER TO DRAWING SSB506
- \* FOR OPENINGS IN SOLID SLAB REFER TO GENERAL NOTES DRAWING NO. SGO01
- \* FOR (CB) COUPLING BEAM REFER TO DRAWING SCP315.

REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

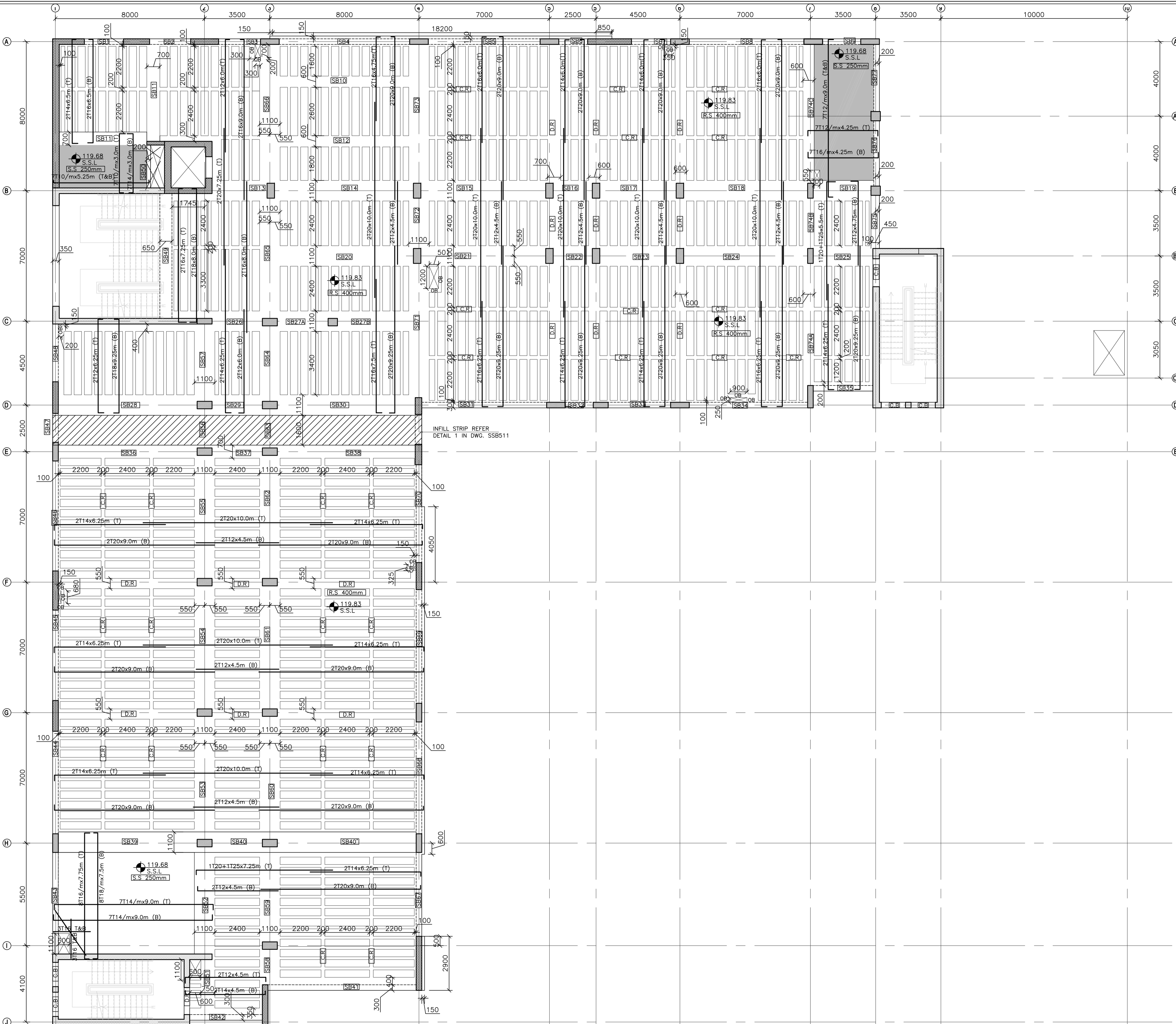
NOTES:



PHASE III  
 PACKAGE 2  
 HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
 SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME:  
 FIRST FLOOR FRAMING PLAN

Design: M.N.  
 Drawn: CAD  
 Scale: 1:100  
 Date: June 2019  
 Checked: W.Z.  
 Approved: W.Z.  
 Drawing Number: SKEP 16-SSP403  
 Rev: 0



- \* FOR BEAMS REFER TO DRAWINGS FROM SSB507 TO SSB511
- \* FOR BEAMS AROUND OPENINGS (OB) REFER TO DRAWING SSB511
- \* FOR OPENINGS IN SOLID SLAB REFER TO GENERAL NOTES DRAWING NO. SG001
- \* FOR (CB) COUPLING BEAM REFER TO DRAWING SCP315.

REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

NOTES:

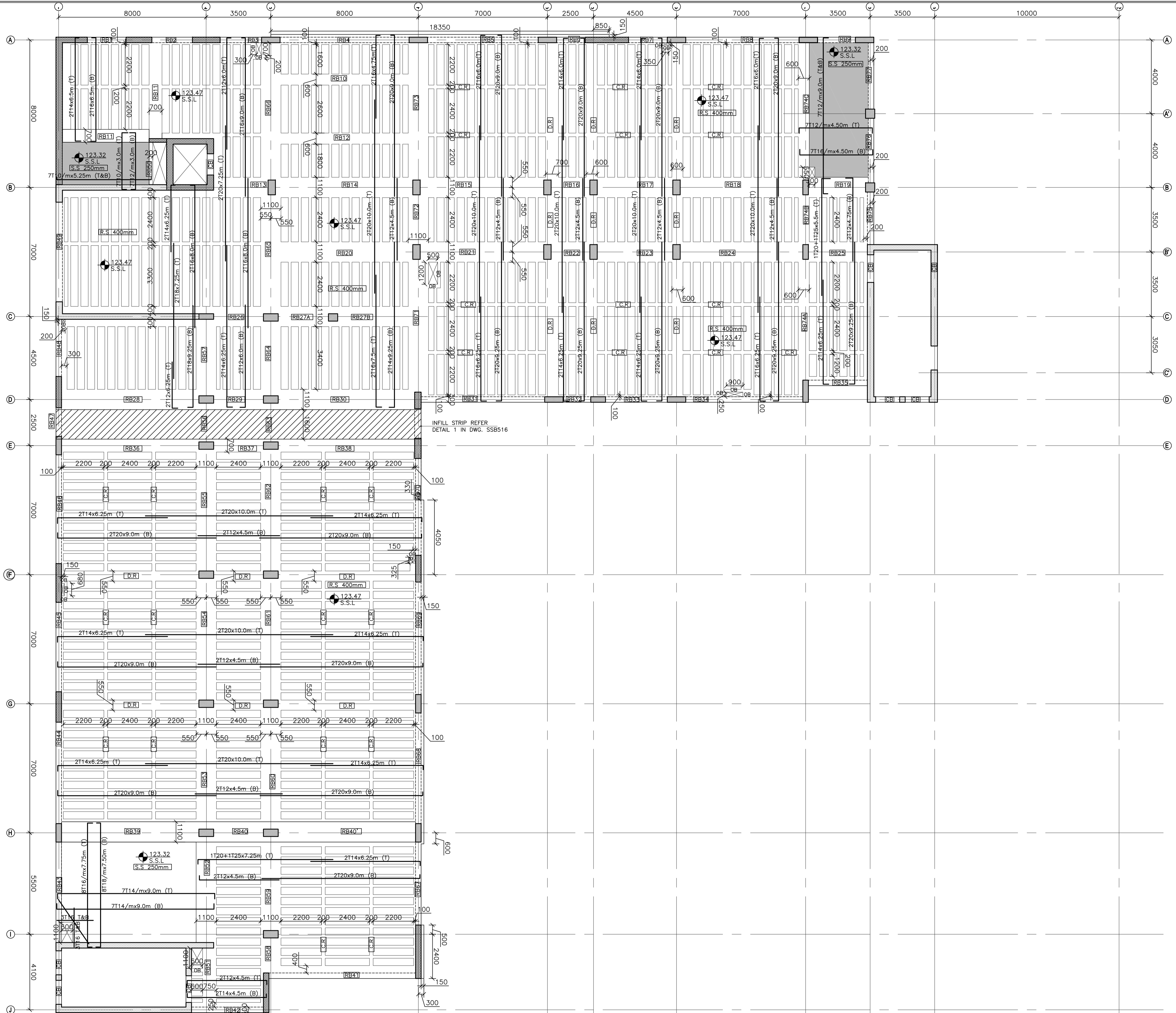


PHASE III  
 PACKAGE 2  
 HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
 SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME:  
 SECOND FLOOR FRAMING PLAN

Design: M.N.  
 Drawn: CAD  
 Scale: 1:100  
 Date: June 2019  
 Checked: W.Z.  
 Approved: W.Z.  
 DRAWING NUMBER:  
 SKEP 16-SSP404





- \* FOR BEAMS REFER TO DRAWINGS FROM SSB512 TO SSB516
- \* FOR BEAMS AROUND OPENINGS (OB) REFER TO DRAWING SSB516
- \* FOR OPENINGS IN SOLID SLAB REFER TO GENERAL NOTES DRAWING NO. SGO01
- \* FOR (CB) COUPLING BEAM REFER TO DRAWING SCP315.

INFILL STRIP REFER  
DETAIL 1 IN DWG. SSB516

REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

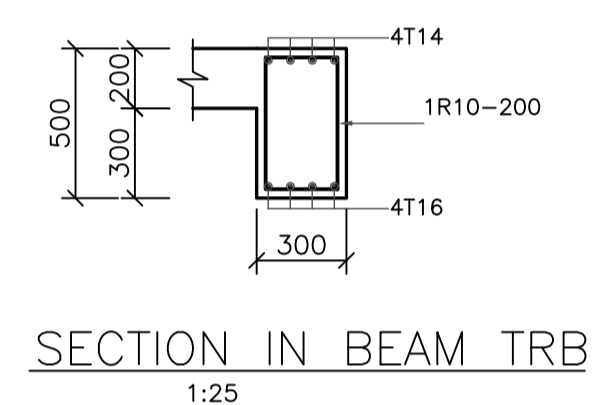
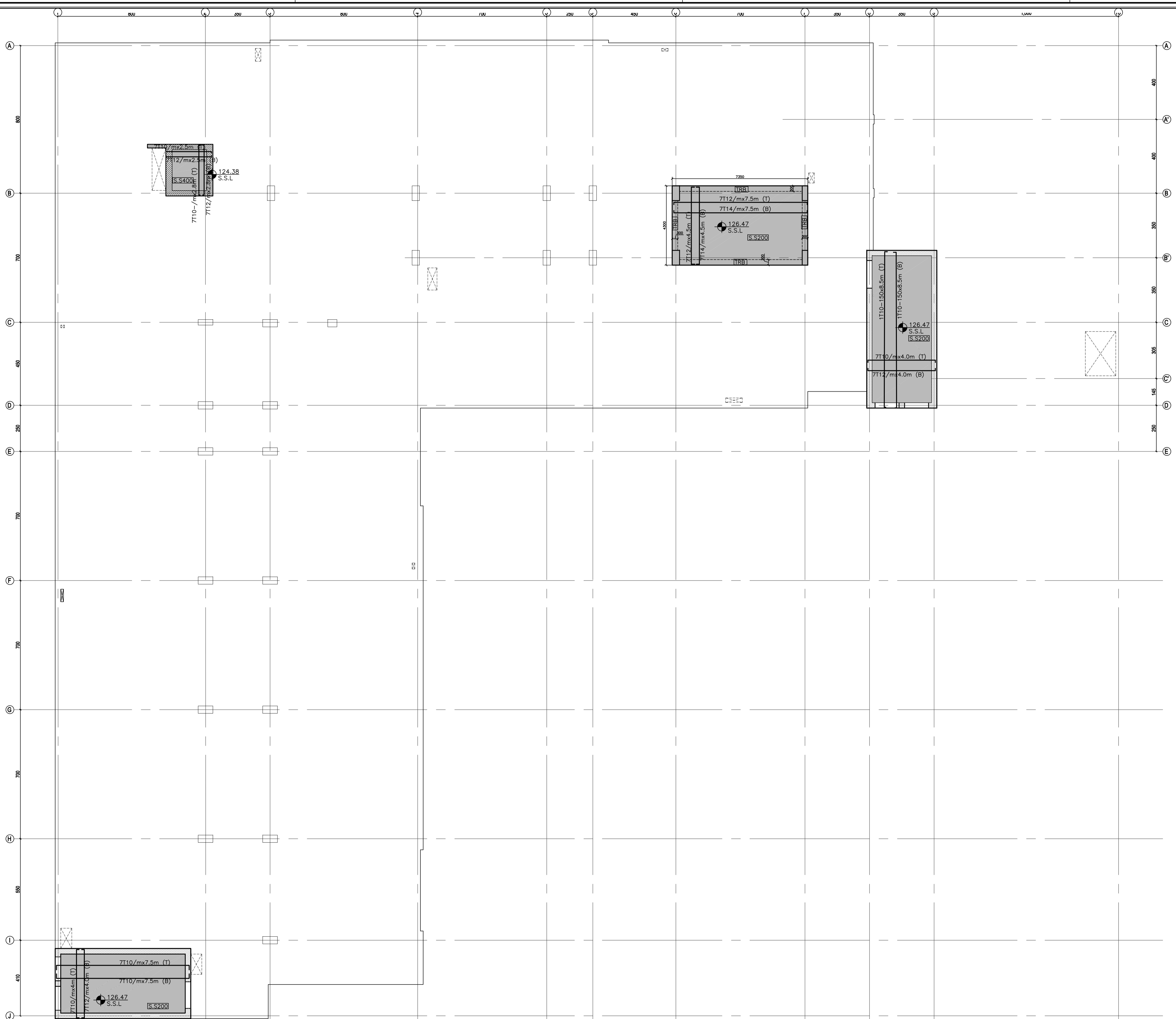
NOTES:



PHASE III  
PACKAGE 2  
HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

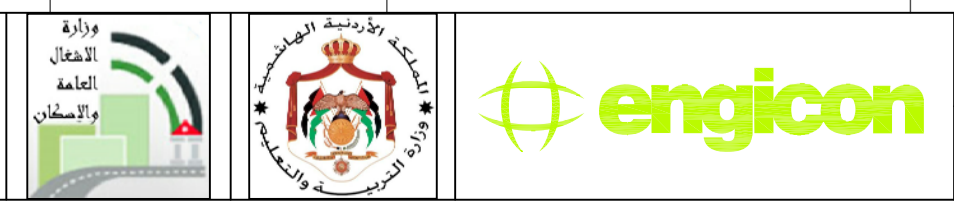
DRAWING NAME:  
ROOF FLOOR FRAMING PLAN

Design: M.N.	Drawn: CAD	Checked:	North
Scale: 1:100	Date: June 2019	Approved: W.Z.	
PLOT No: 99	LOCATION: AL NABI HOOD	BASIN NO: 003-AL HAMRA	DRAWING NUMBER: SKEP 16-SSP405
			Rev: 0



REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

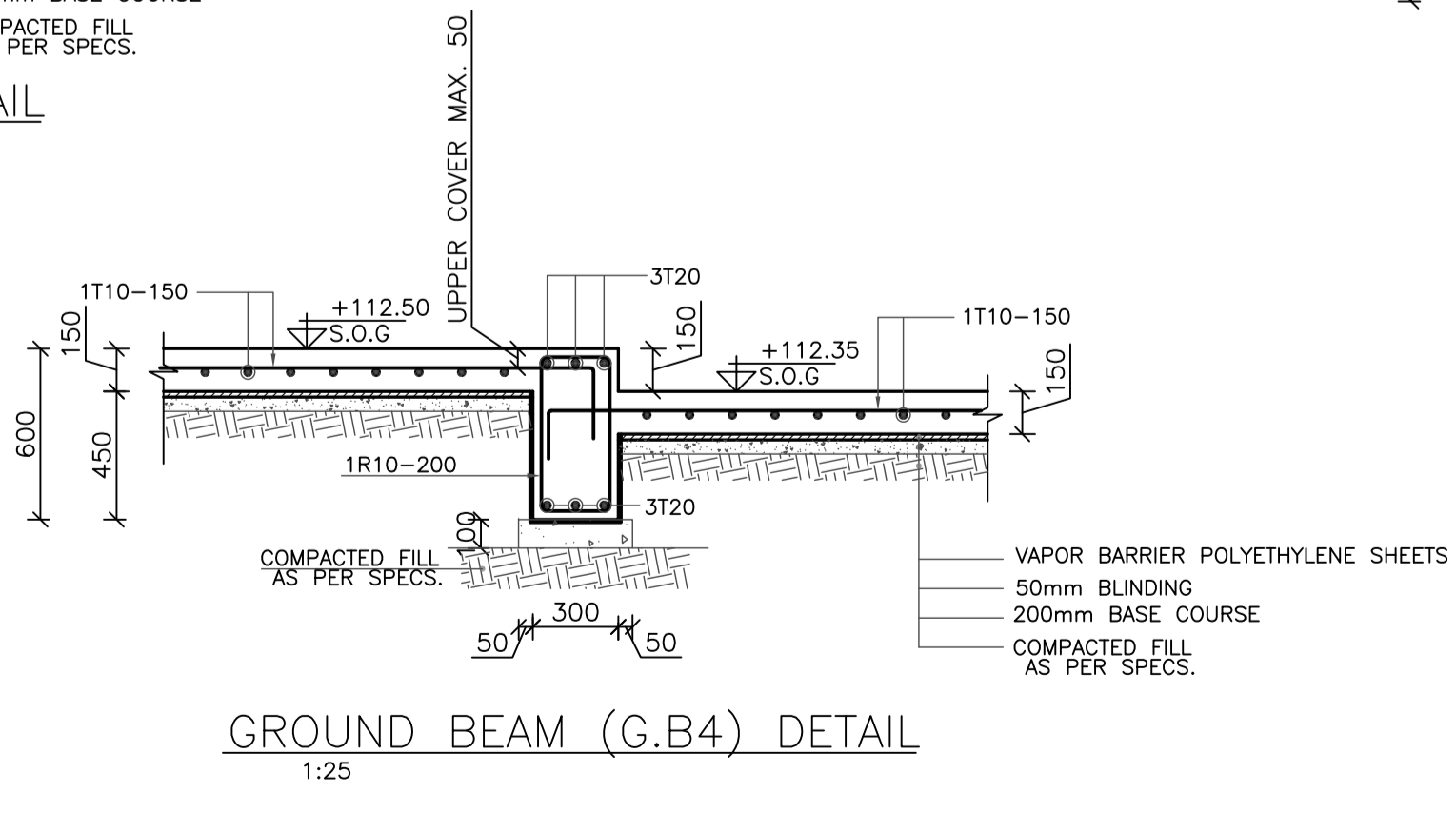
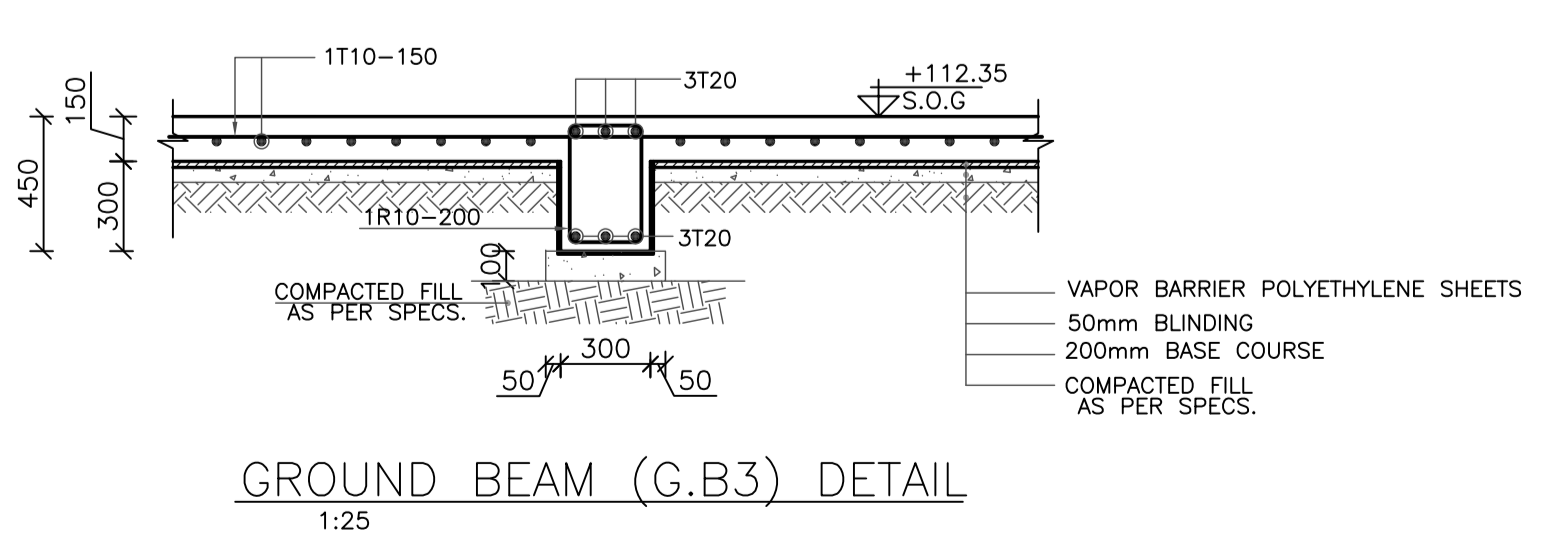
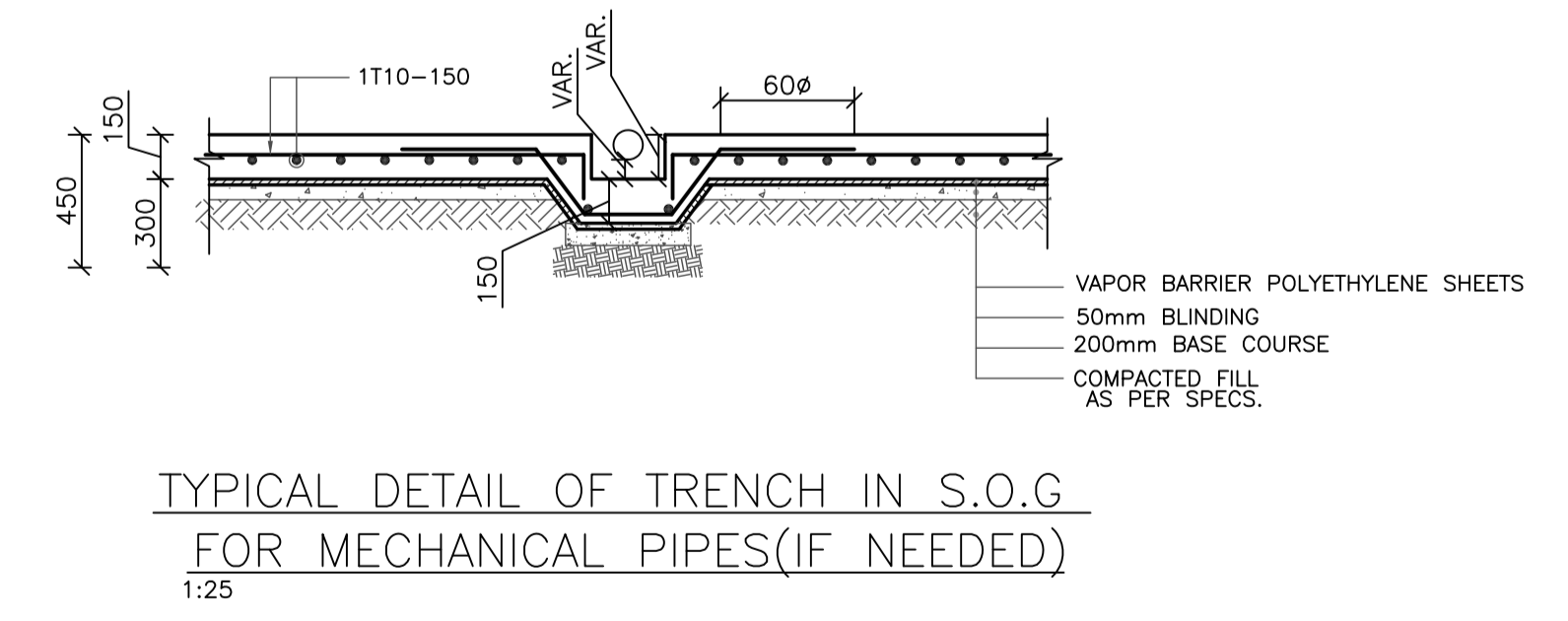
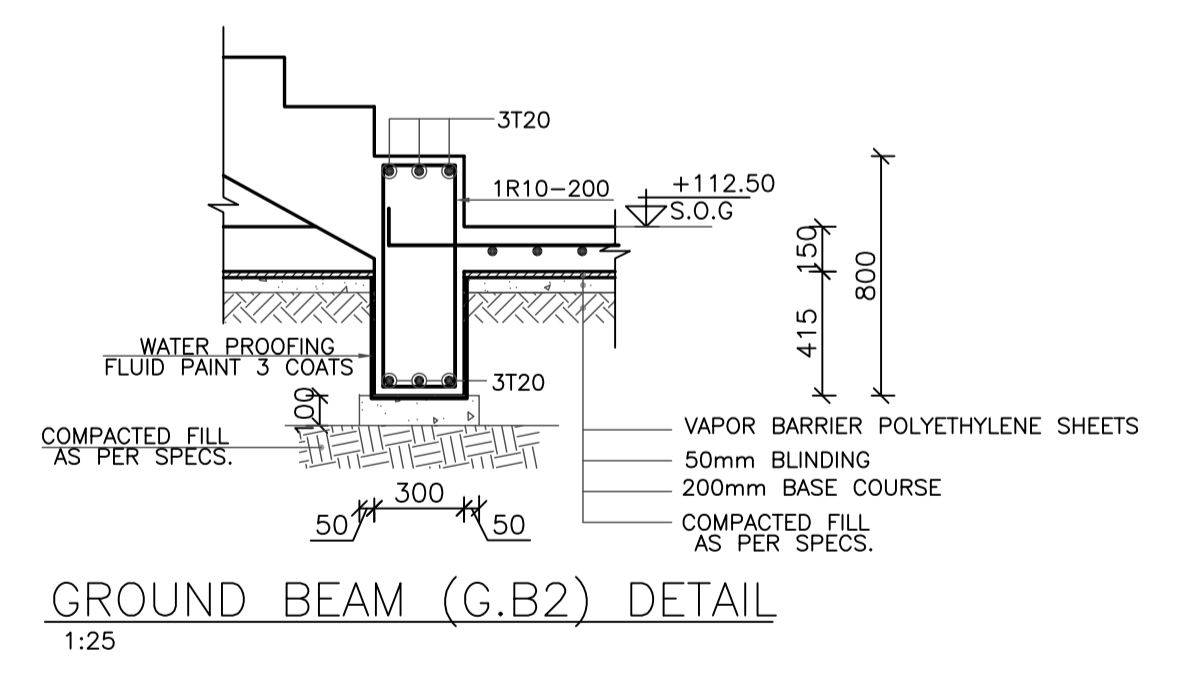
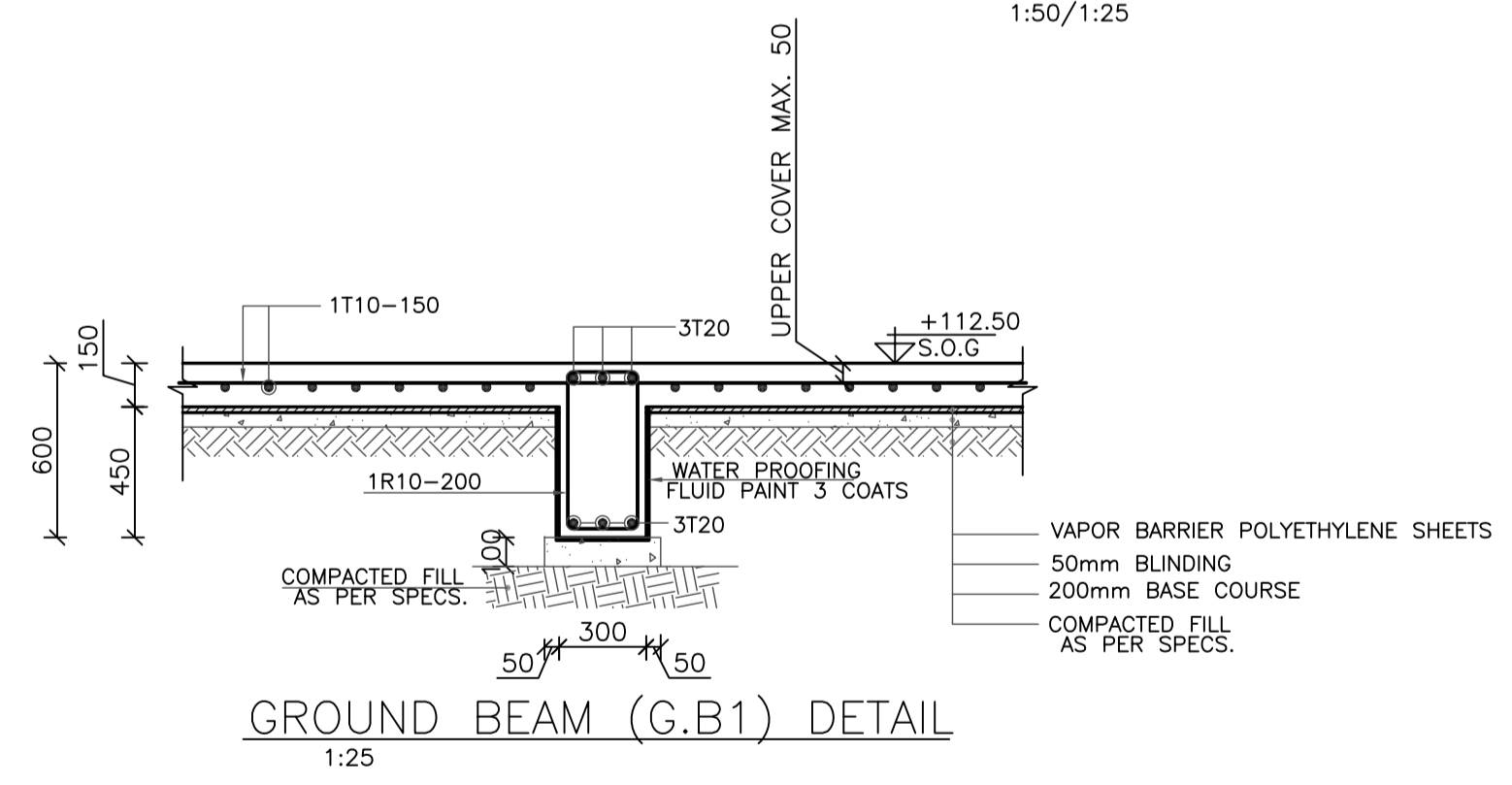
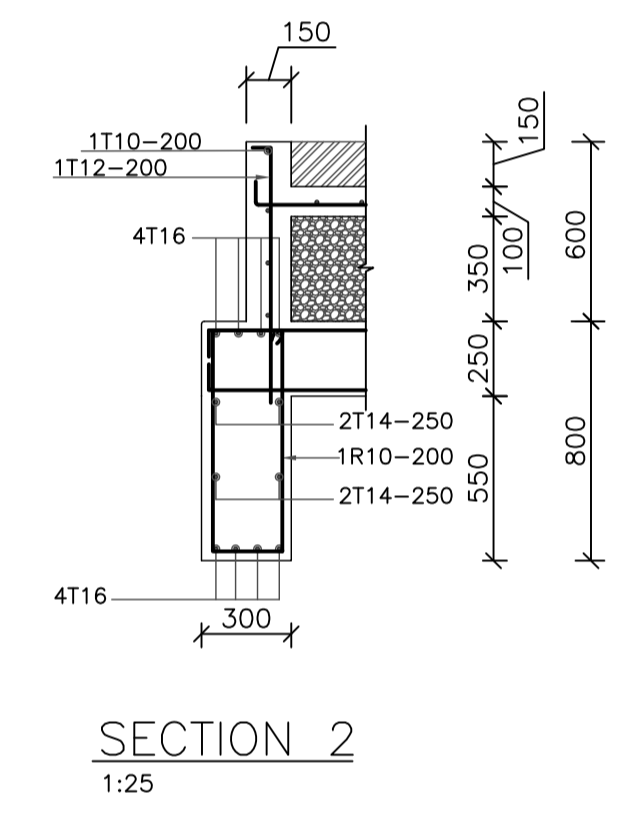
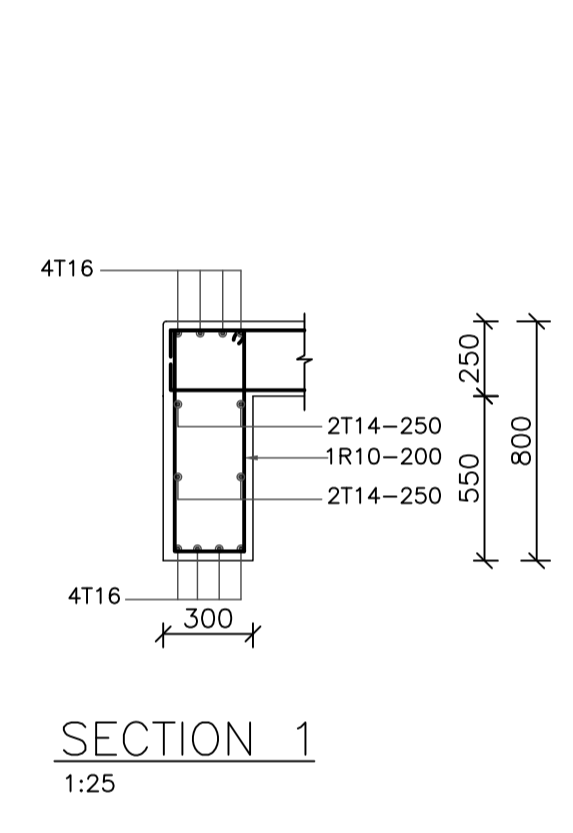
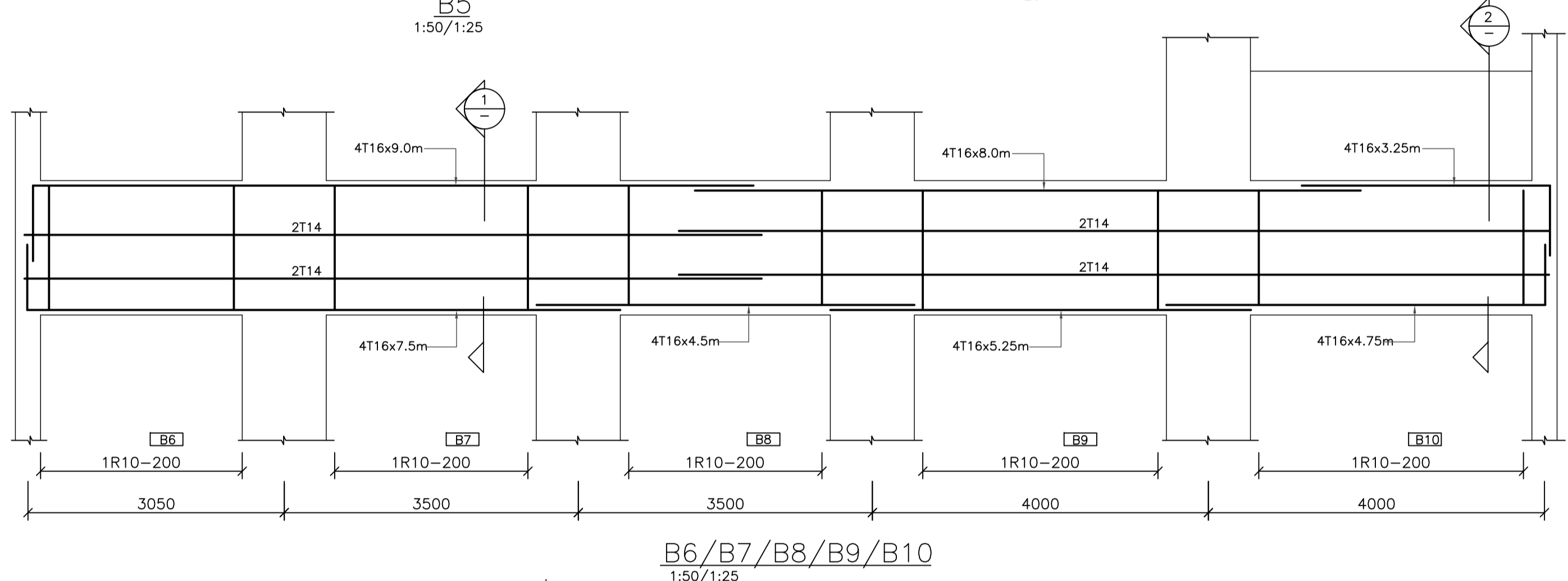
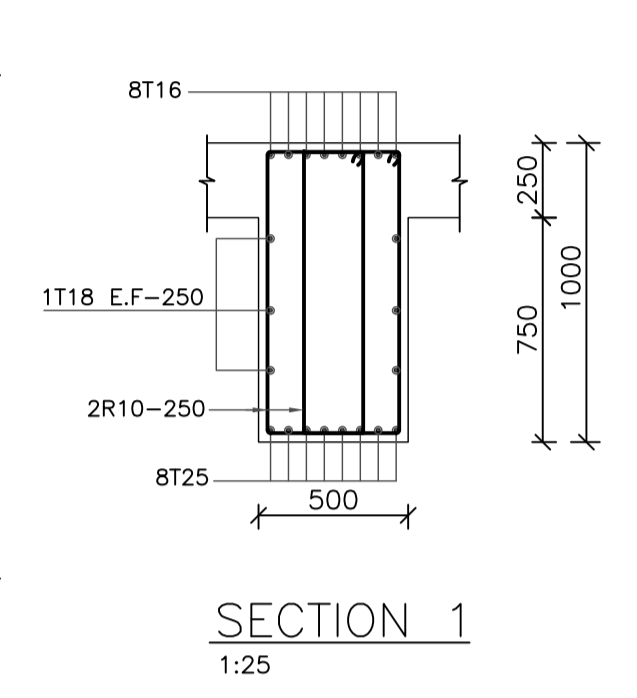
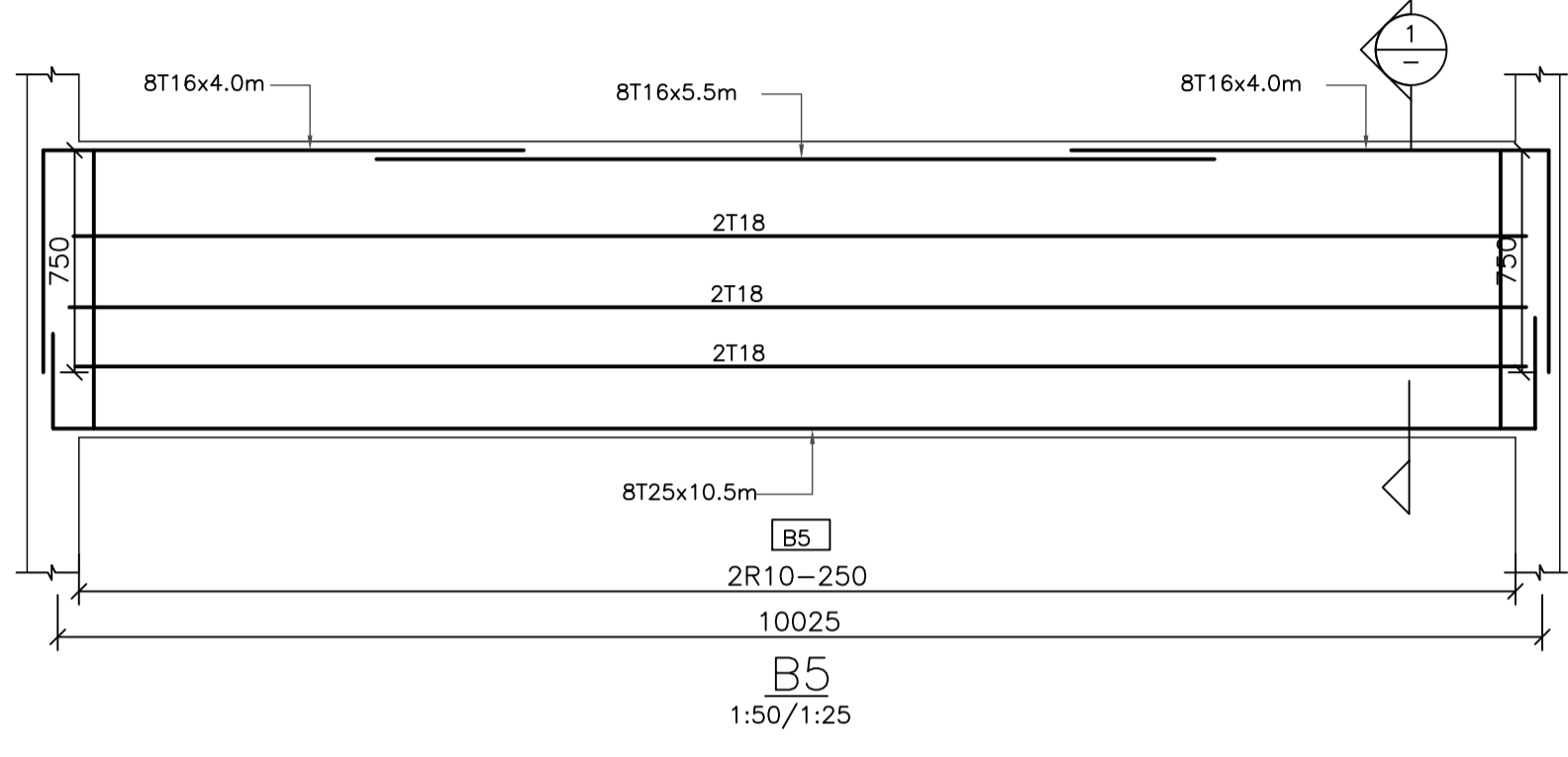
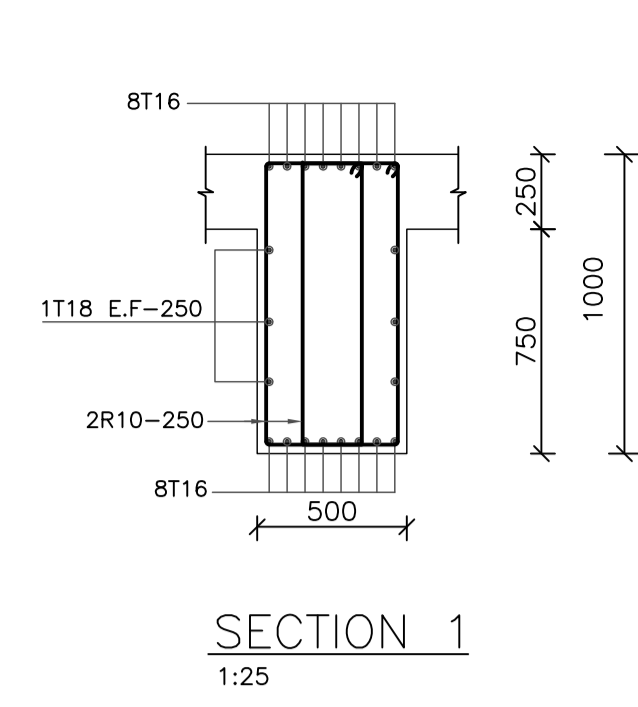
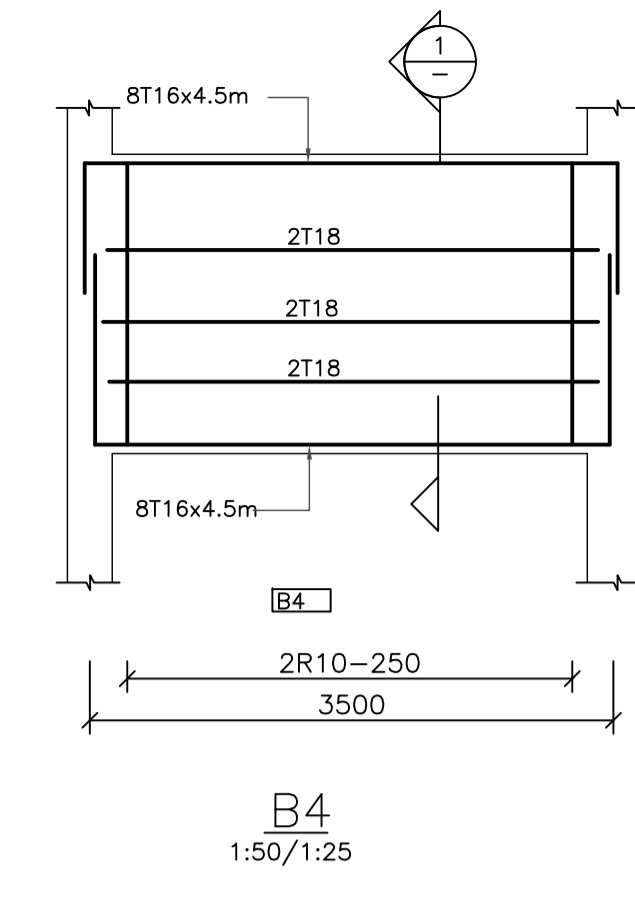
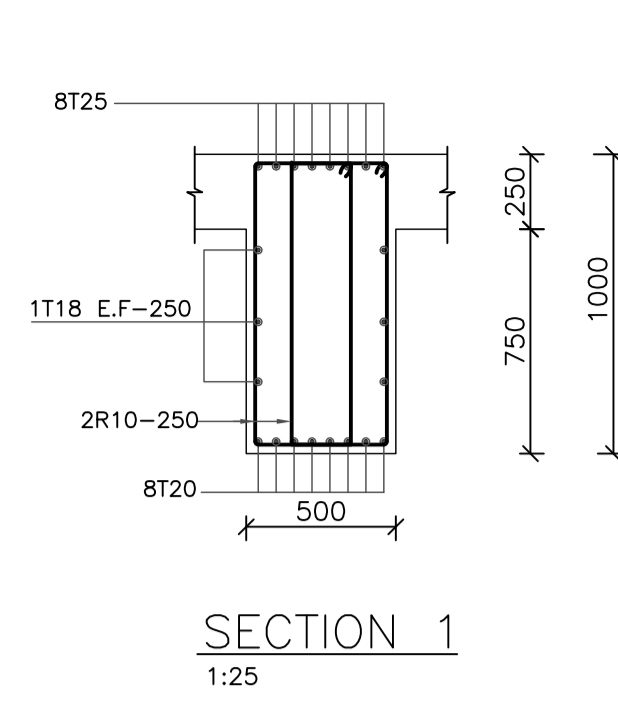
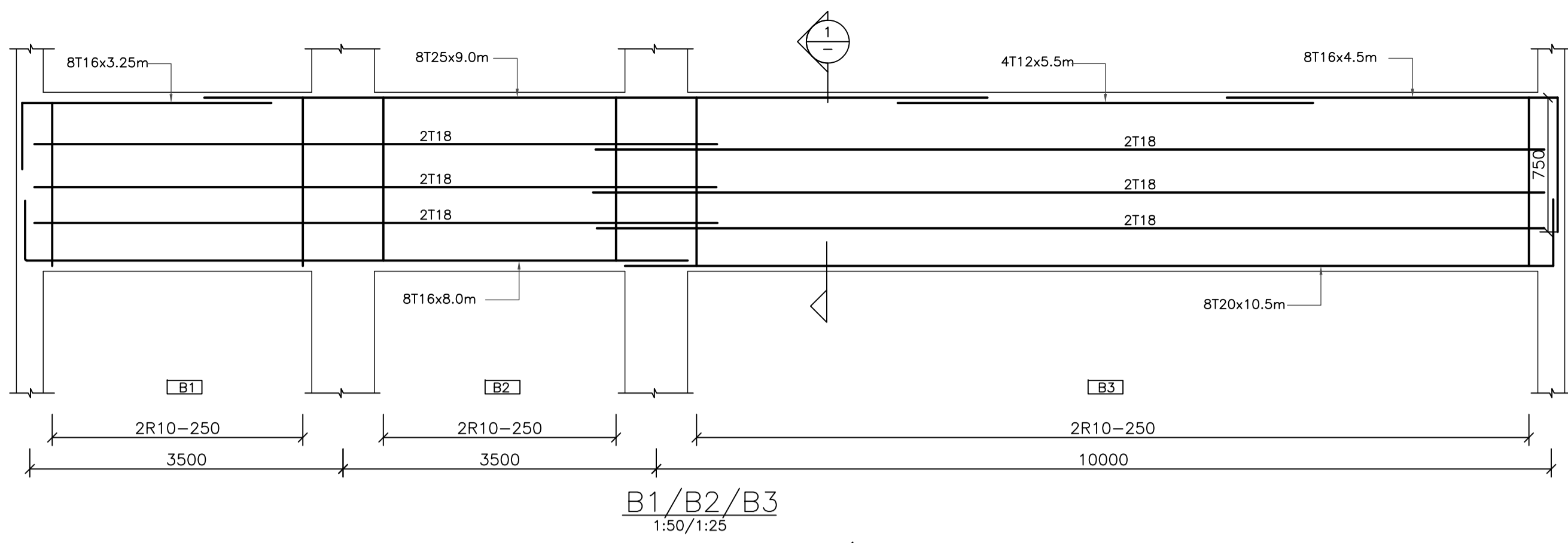
NOTES:



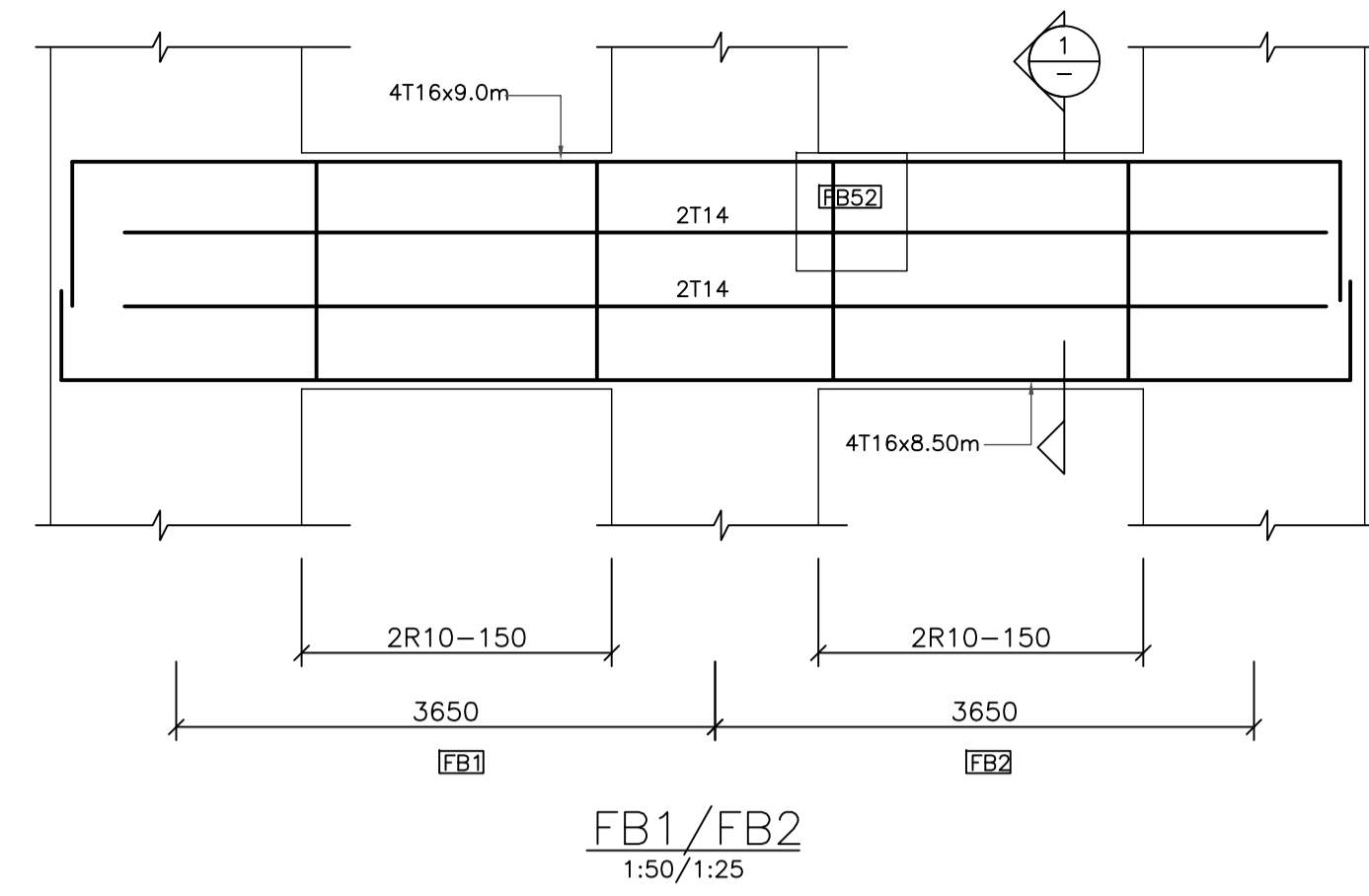
PHASE III HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
 PACKAGE 2 SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME: TOP OF ROOF FLOOR FRAMING PLAN		Design: M.N.	Drawn: CAD	Checked:	North:
PLOT No: 99		Scale: AS SHOWN	Date: June 2019	Approved: W.Z.	Rev.: 0
LOCATION: AL NABI HOOD	BASIN NO: 003-AL HAMRA	DRAWING NUMBER: SKEP 16-SSP406			

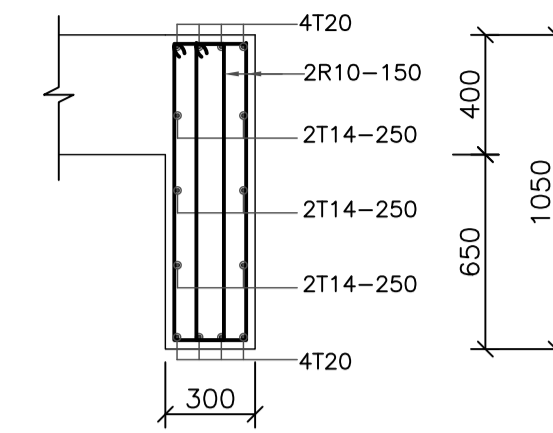
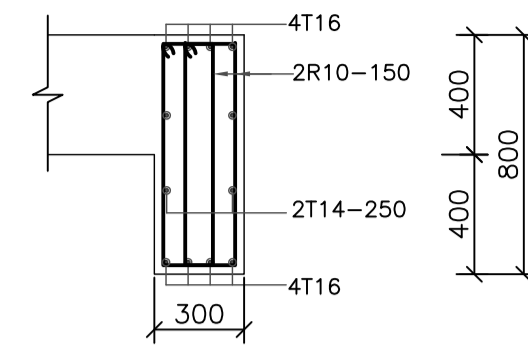




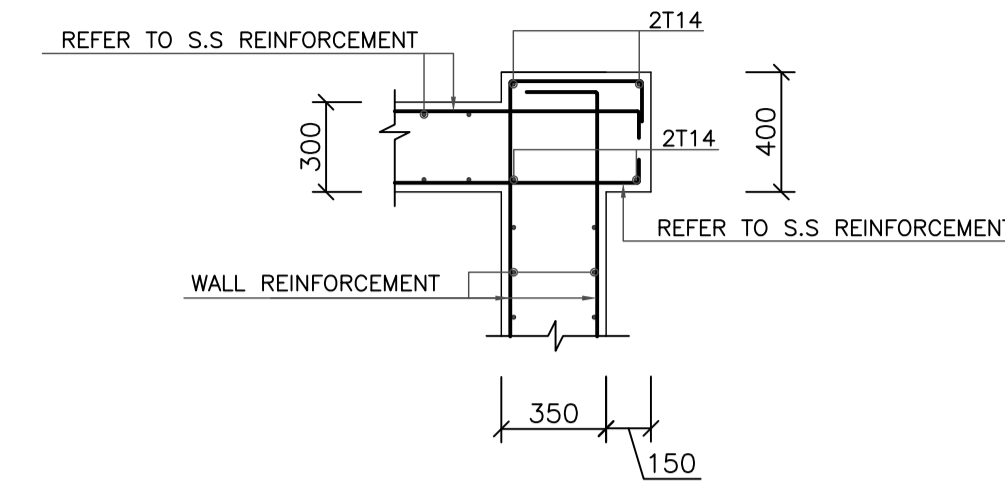
REV.	DATE	REMARKS	NOTES:	 USAID FROM THE AMERICAN PEOPLE	 وزارة التربية والتعليم الجمهورية العربية السورية	 engicon	PHASE III HAY AL ISKAN BASIC MIXED SCHOOL (JERASH) PACKAGE 2 SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)	DRAWING NAME: SLAB ON GRADE BEAMS & GROUND FLOOR FRAMING PLAN BEAMS PLOT No 99 LOCATION AL NABI HOOD BASIN NO 003-AL HAMRA	Design: M.N. Scale: 1:50/1:25 Date: June 2019 Approved: W.Z.	Drawn: CAD Checked: W.Z. DRAWING NUMBER: SKEP 16-SSB500	North Rev: 0
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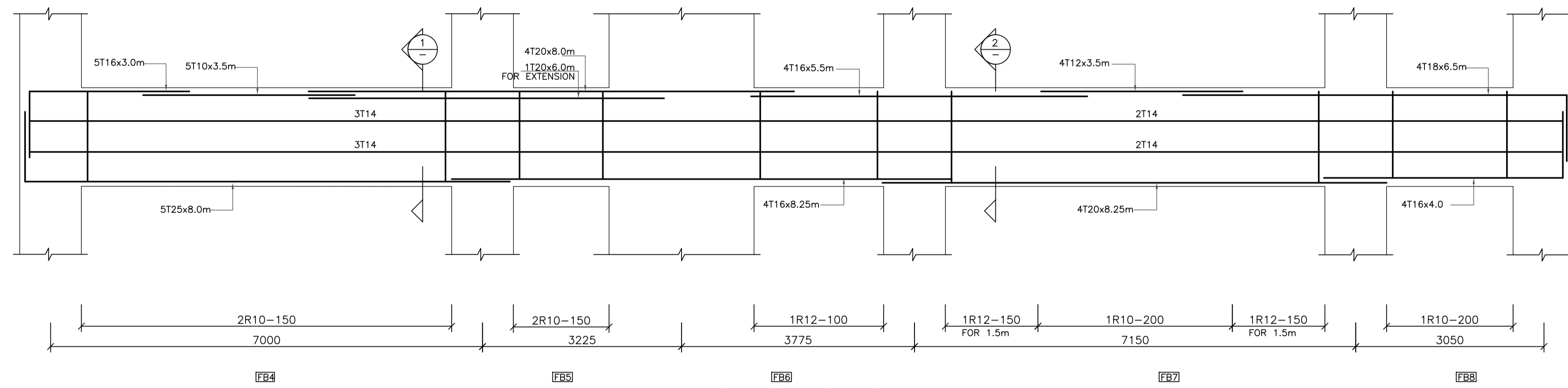
SECTION in FB1  
1:25



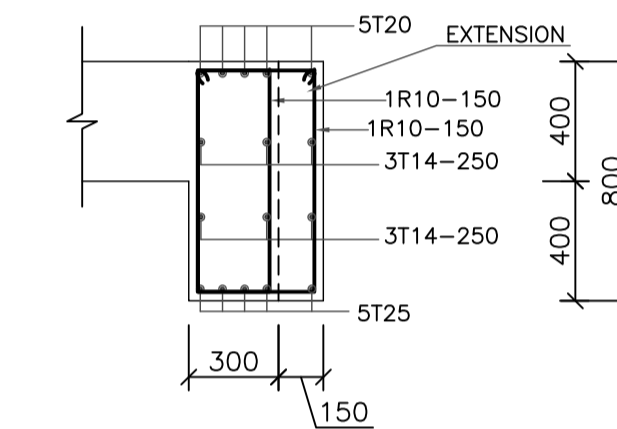
SECTION IN FB3  
1:25



SECTION A  
1:50 SSP403

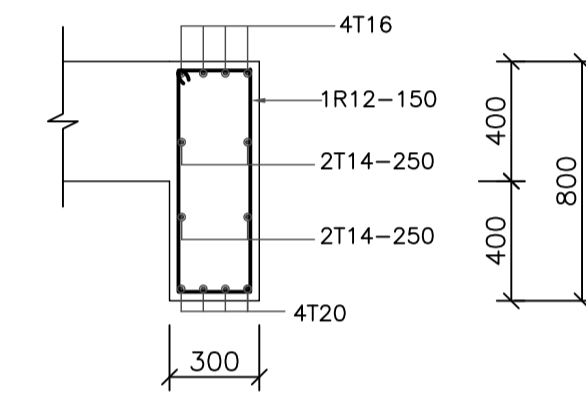


FB4/FB5/FB6/FB7/FB8  
1:50/1:25

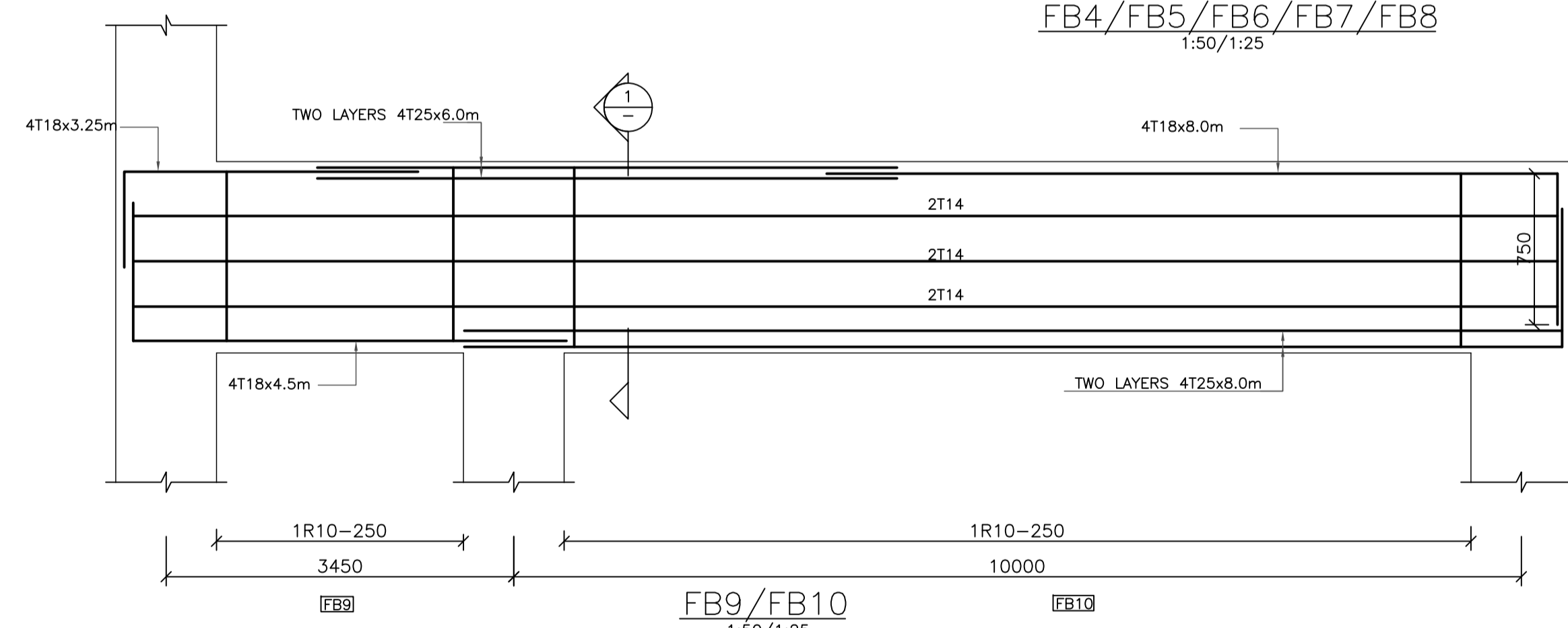


\* FOR EXTENSION (150mm) LOCATION REFER TO PLAN IN DRAWING SSP403

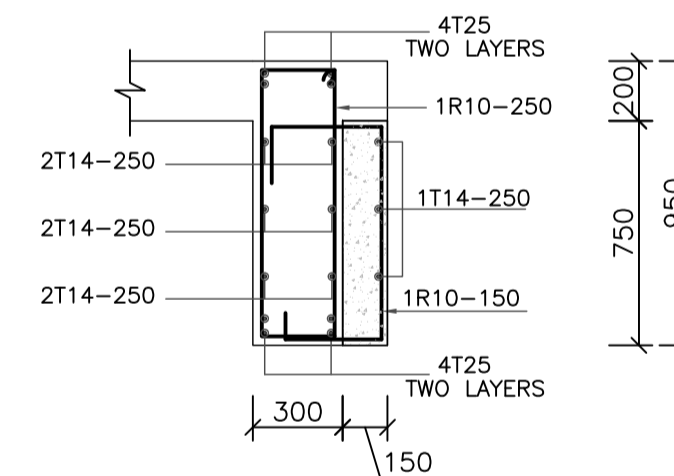
SECTION 1  
1:25



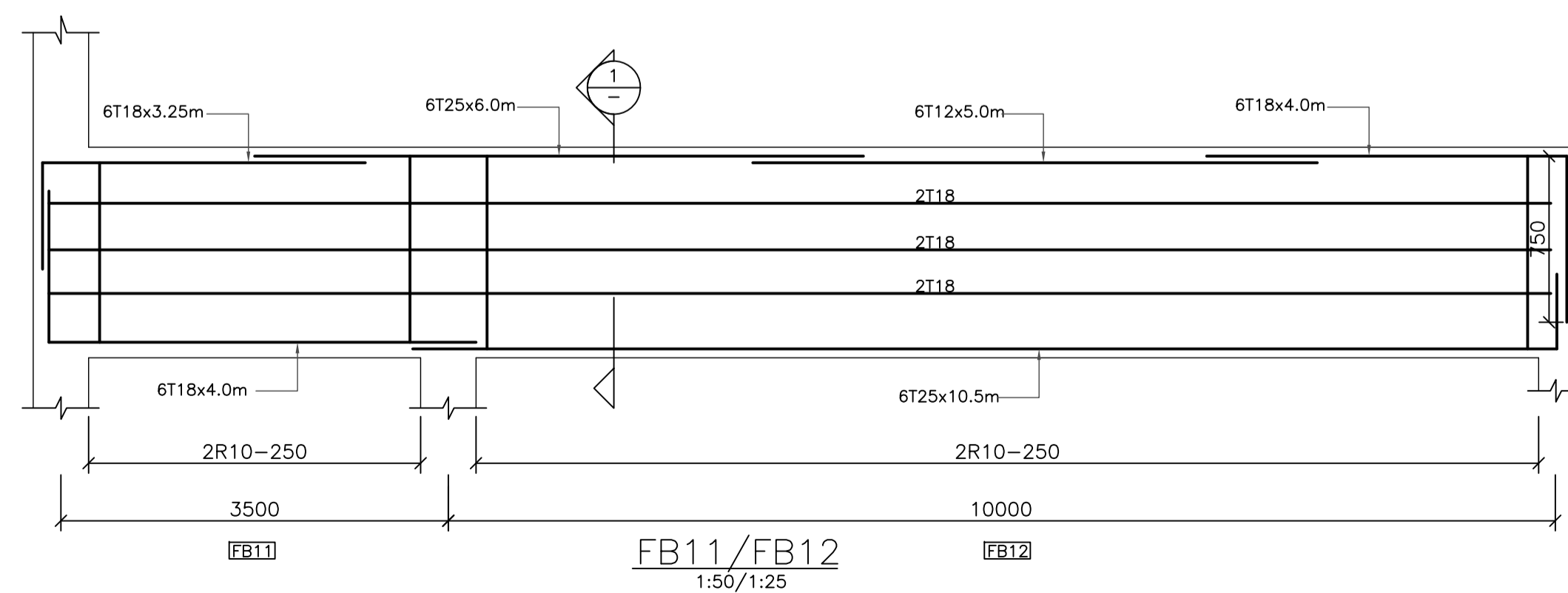
SECTION 2  
1:25



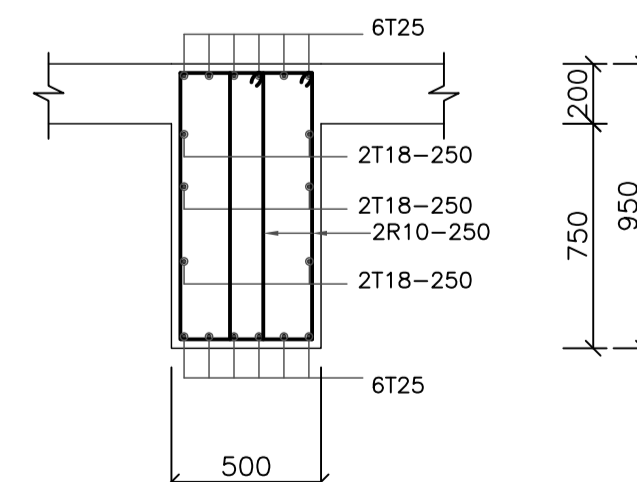
FB9/FB10  
1:50/1:25



SECTION 1  
1:25



FB11/FB12  
1:50/1:25



SECTION 1  
1:25

REV.	DATE	REMARKS
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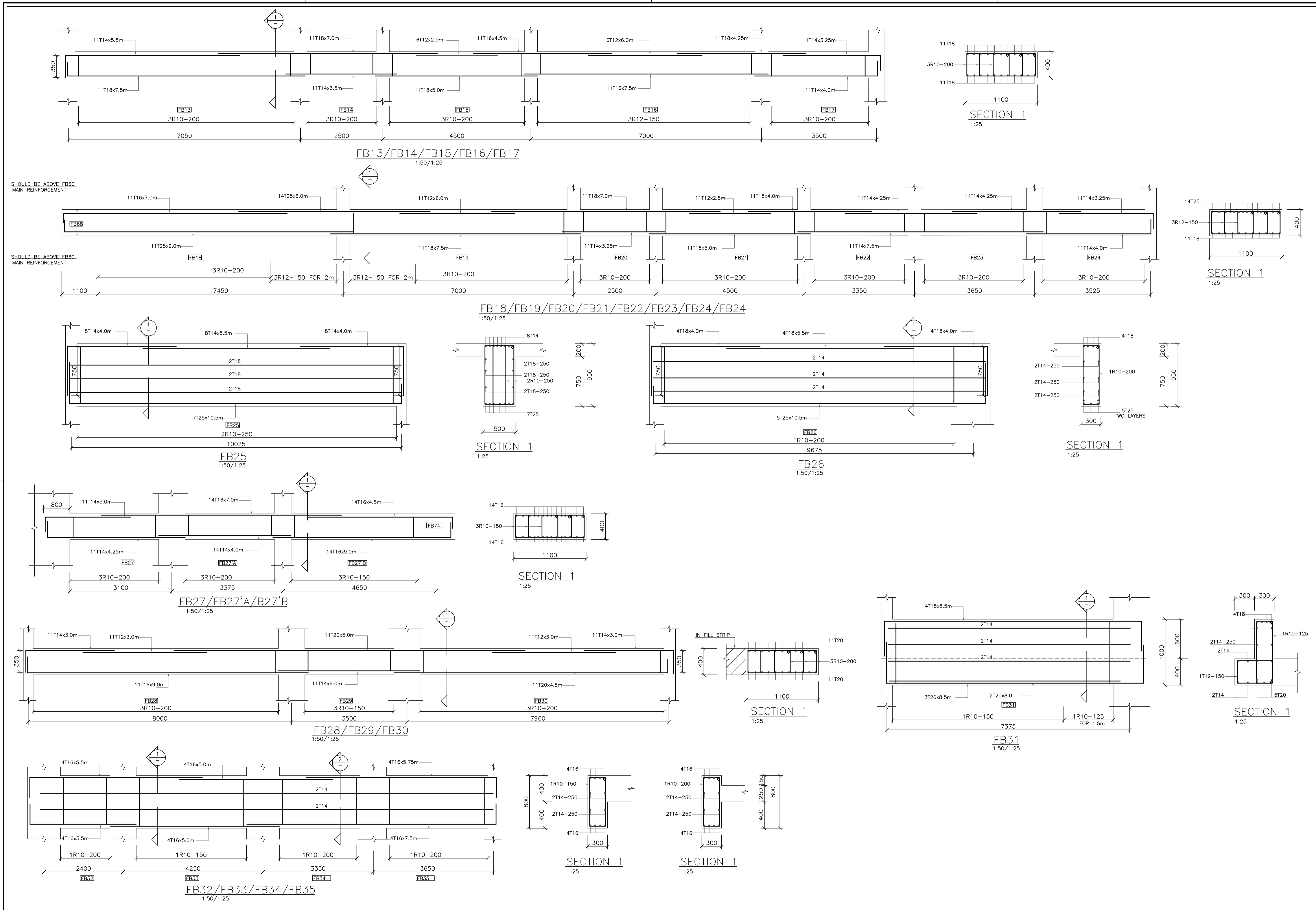
NOTES:



PHASE III	HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)
PACKAGE 2	SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

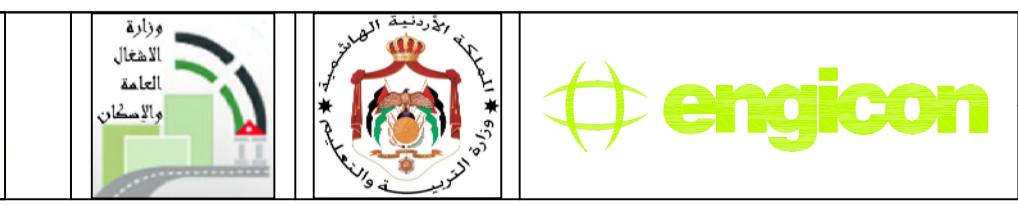
DRAWING NAME:		Design: M.N.	Drawn: CAD	Checked:	North:
FIRST FLOOR FRAMING PLAN BEAMS (SHEET 1 OF 6)		Scale: 1:50/1:25	Date: June 2019	Approved: W.Z.	
PLOT No: 99	LOCATION: AL NABI HOOD	BASIN NO: 003-AL HAMRA	DRAWING NUMBER: SKEP 16-SSB501		

Rev: 0
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REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

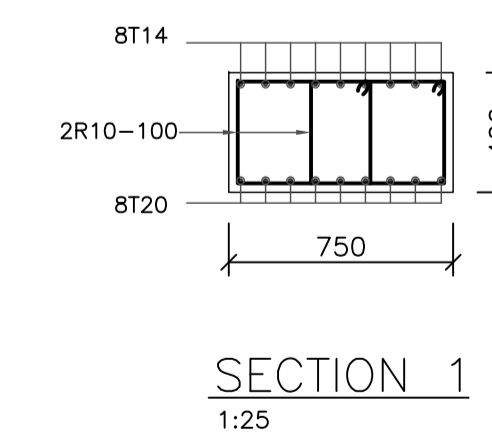
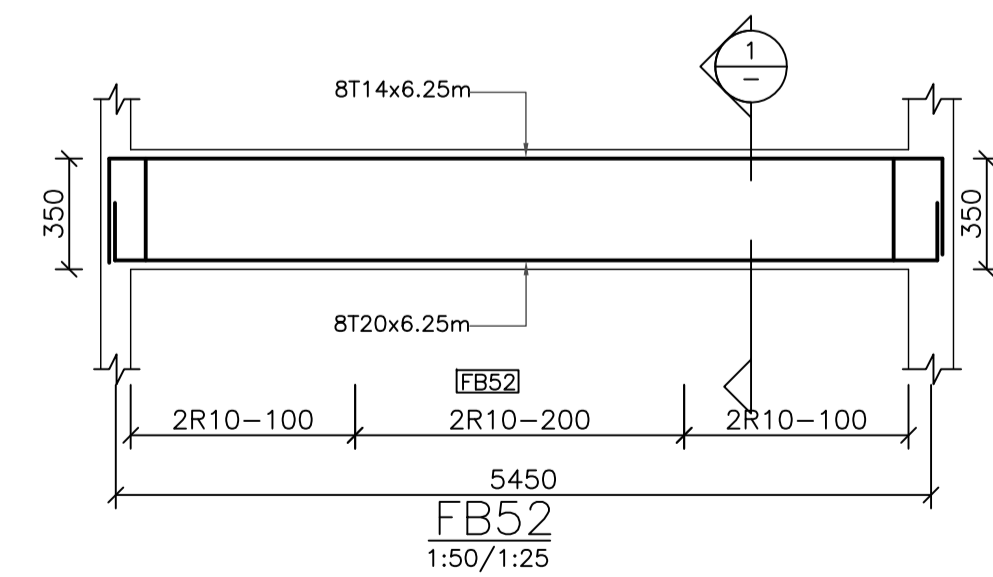
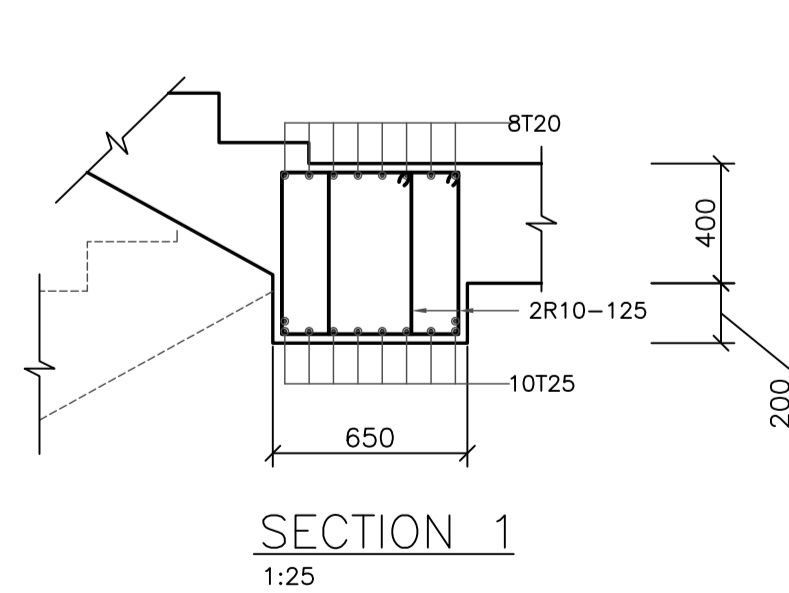
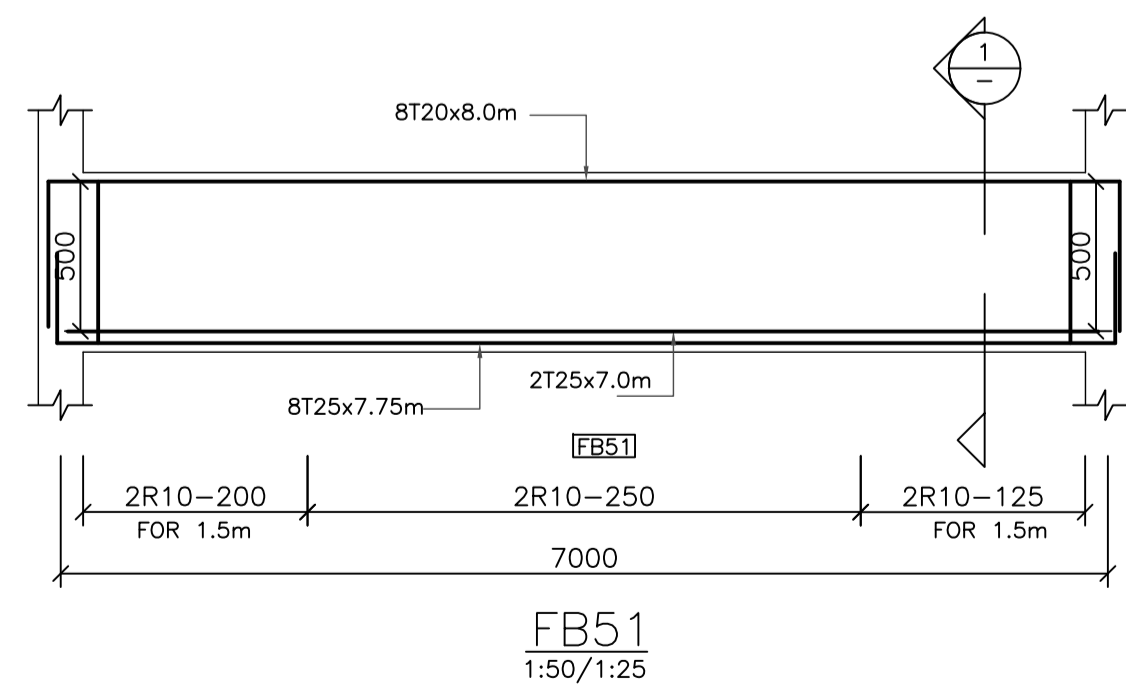
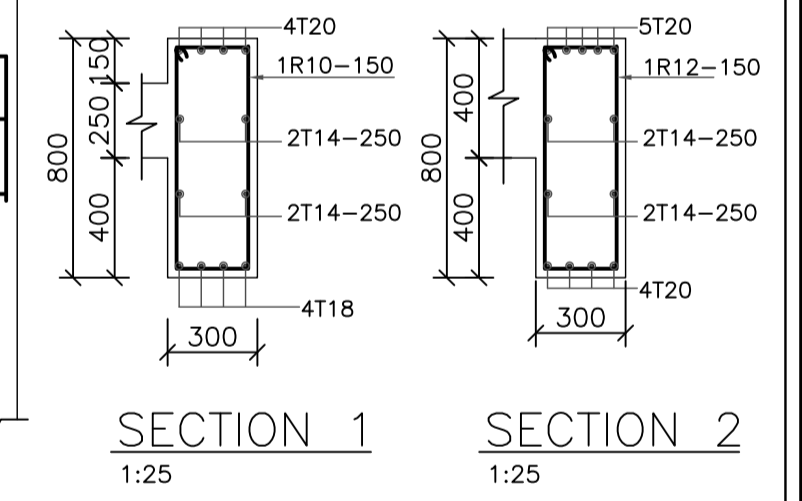
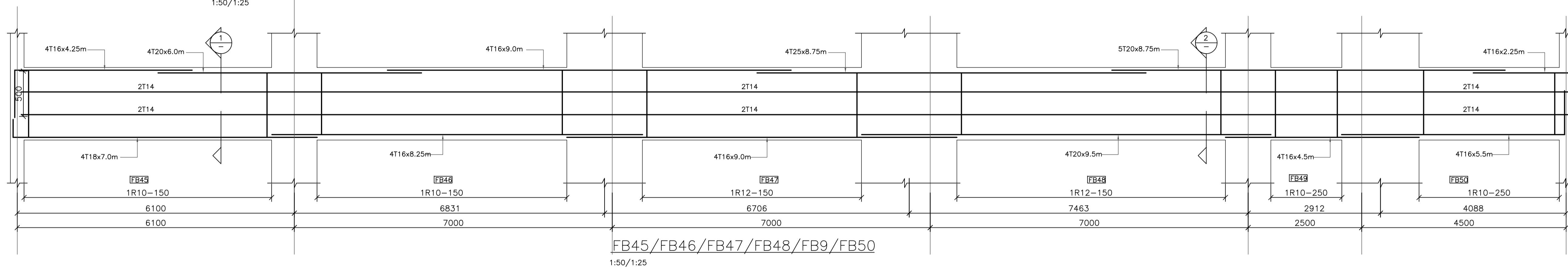
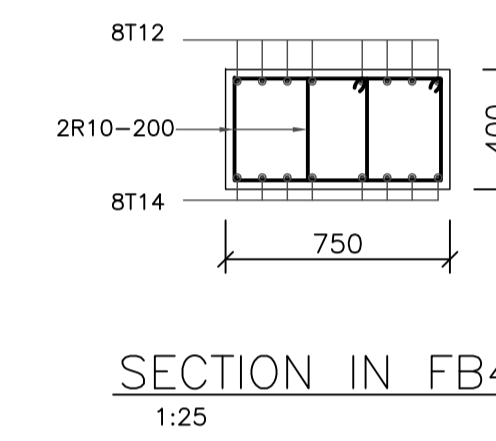
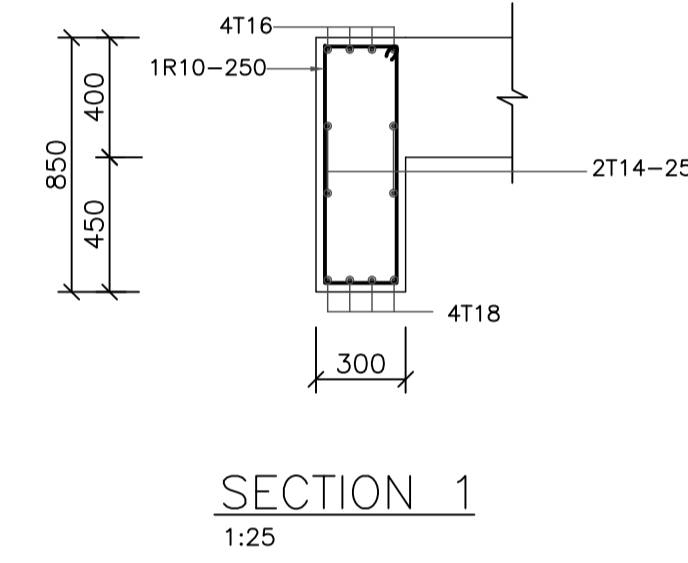
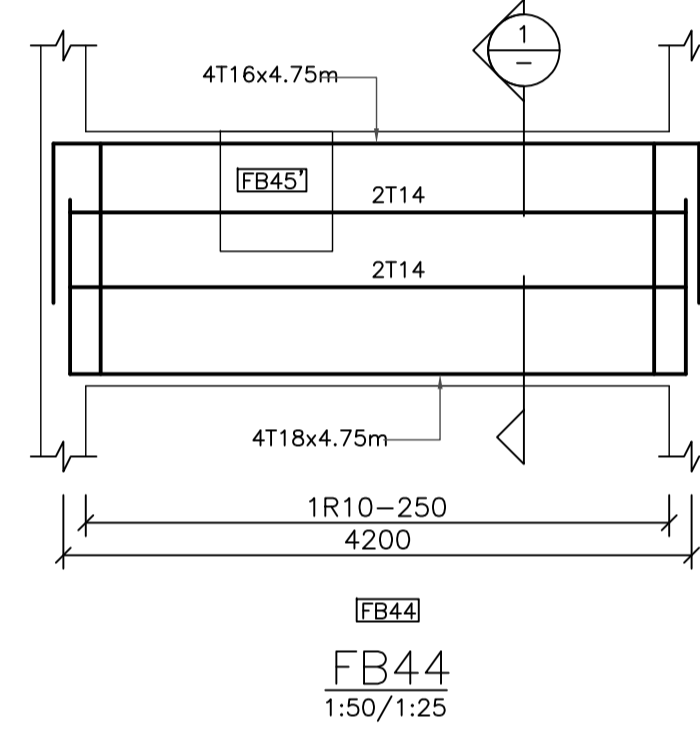
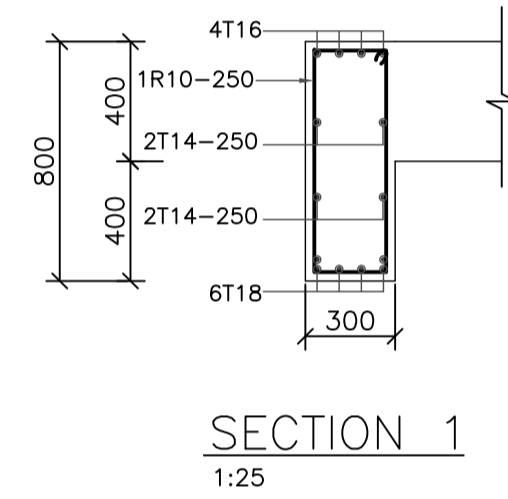
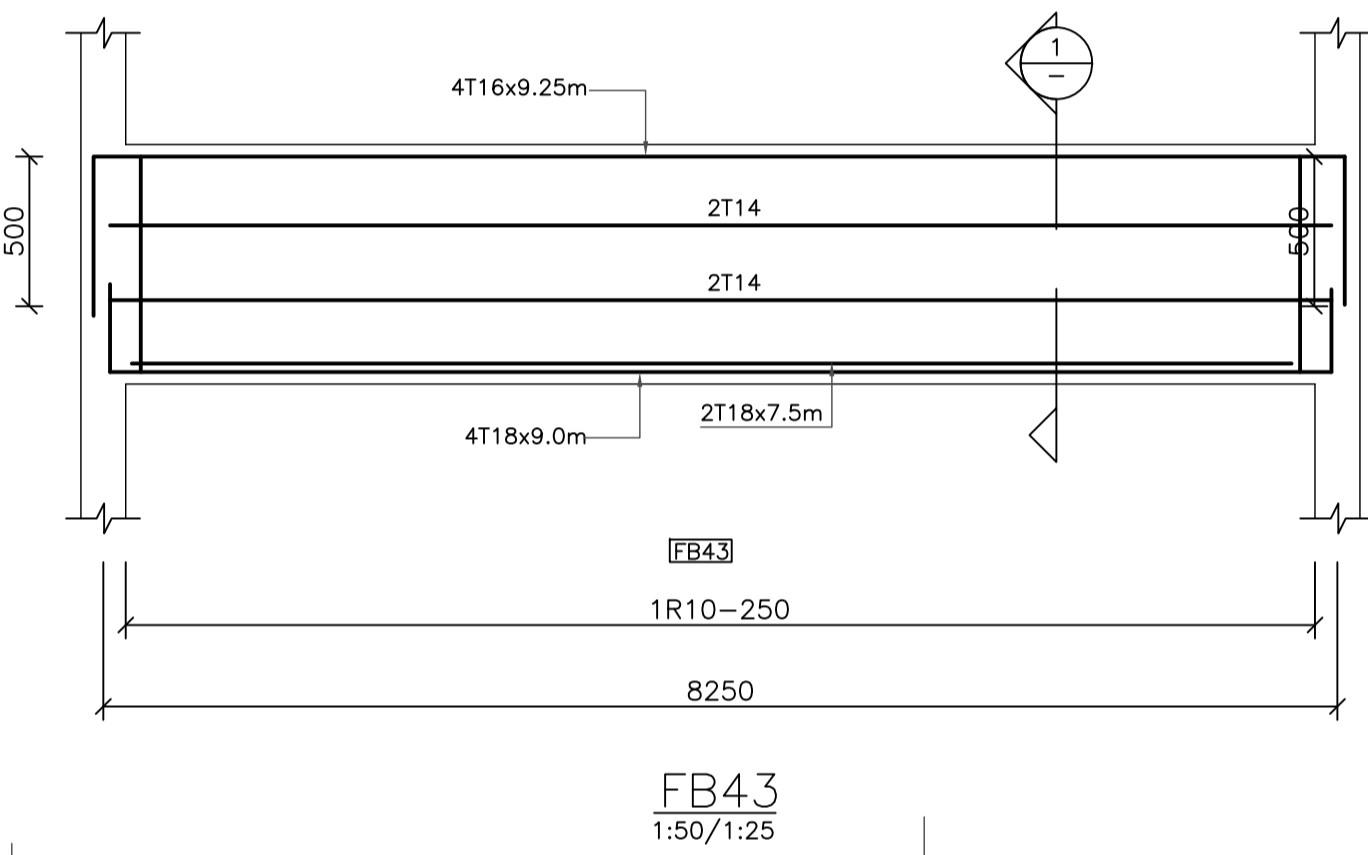
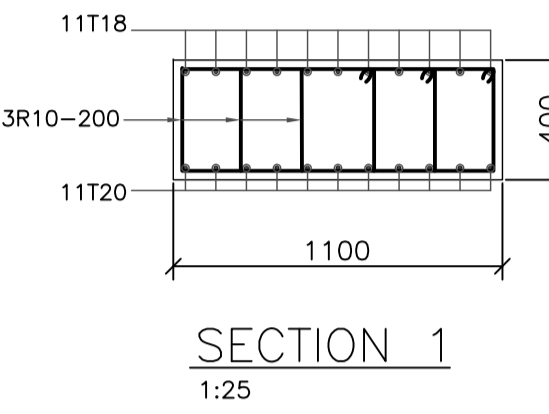
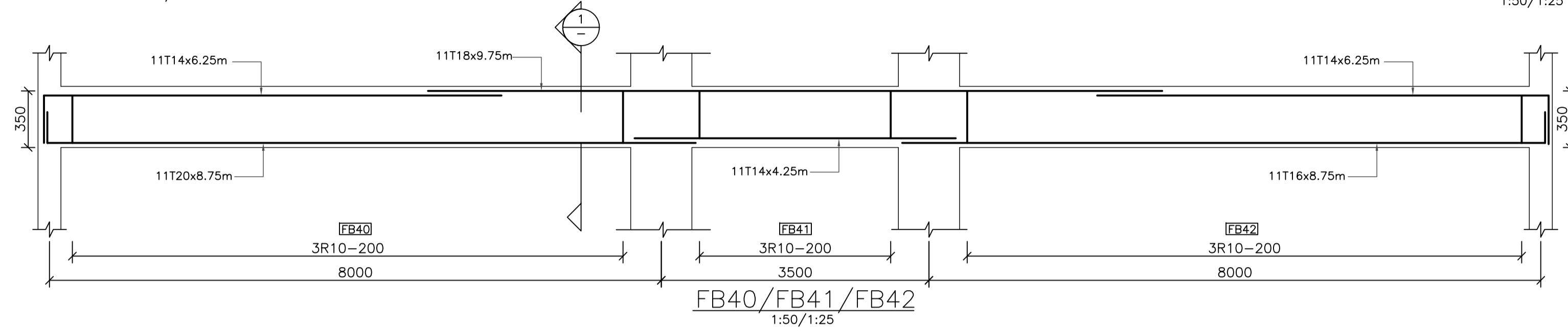
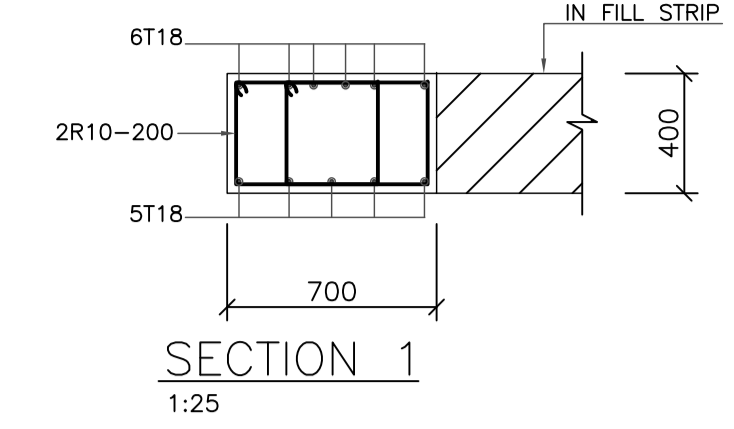
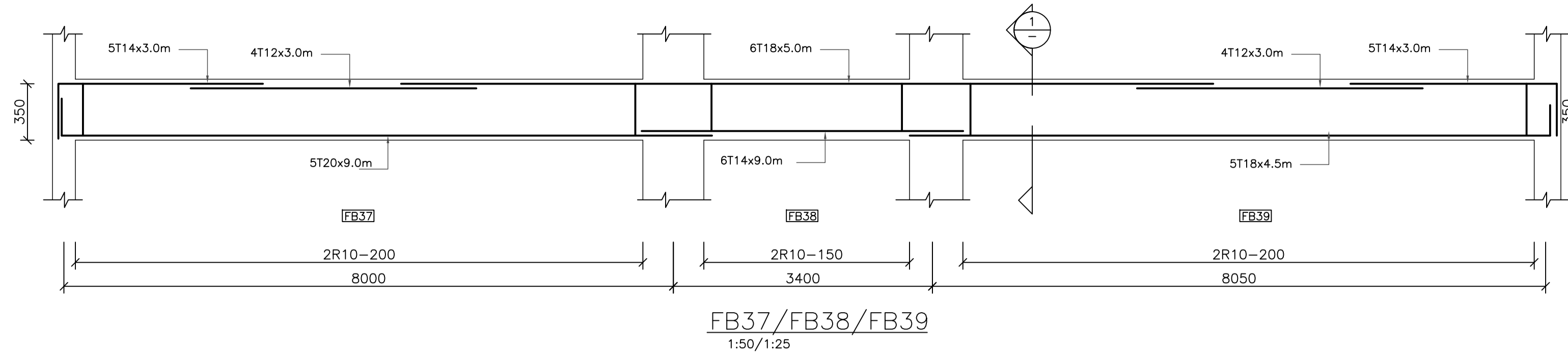
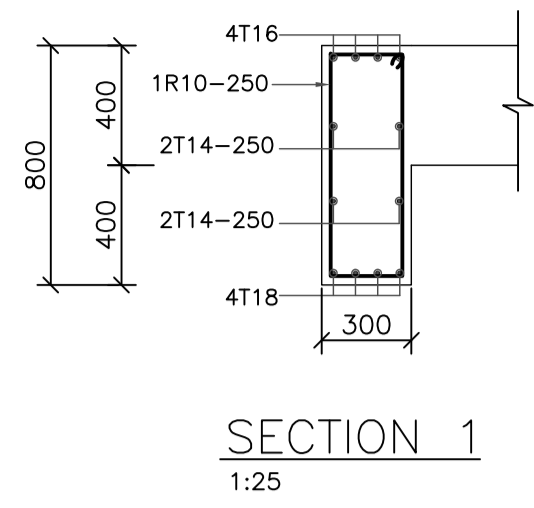
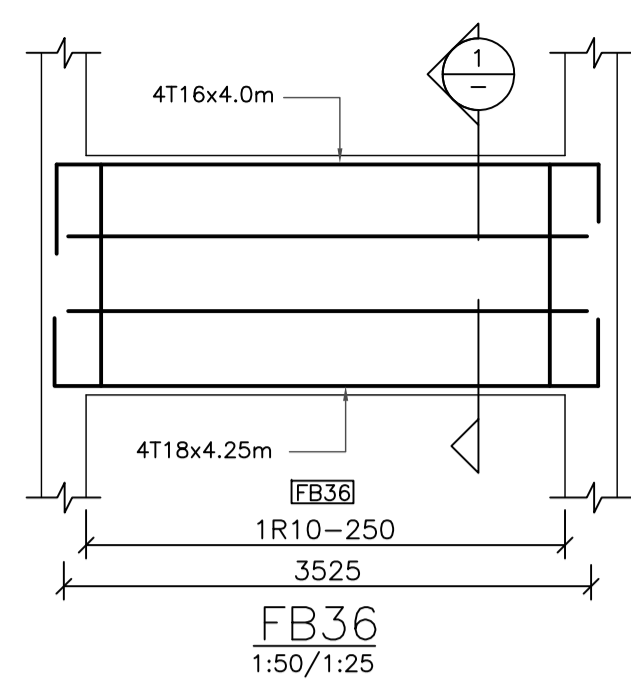
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PHASE III  
PACKAGE 2  
HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME:  
FIRST FLOOR FRAMING PLAN  
BEAMS (SHEET 2 OF 6)

Design: M.N.  
Scale: 1:50/1:25  
Date: June 2019  
Checked: W.Z.  
Approved: W.Z.  
Drawing Number: SKEP 16-SSB502  
Rev: 0



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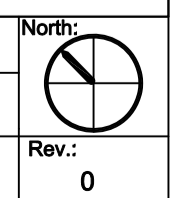
**USAID**  
FROM THE AMERICAN PEOPLE

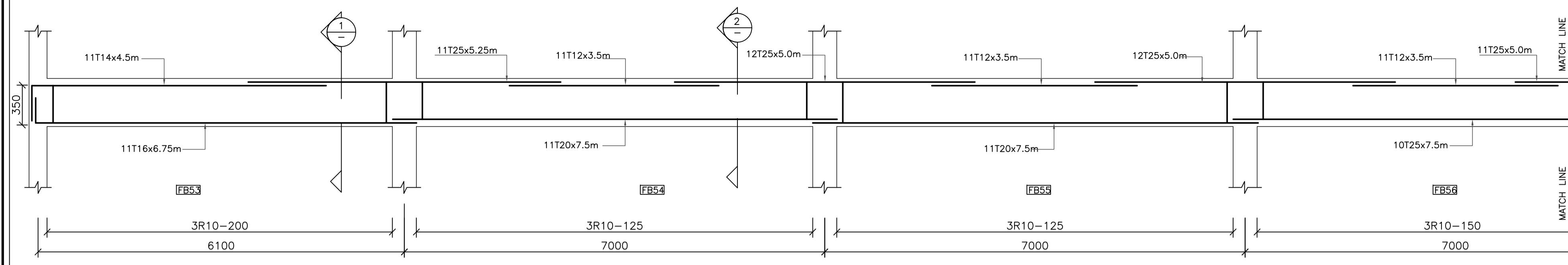


PHASE III  
PACKAGE 2  
**HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)**  
**SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)**

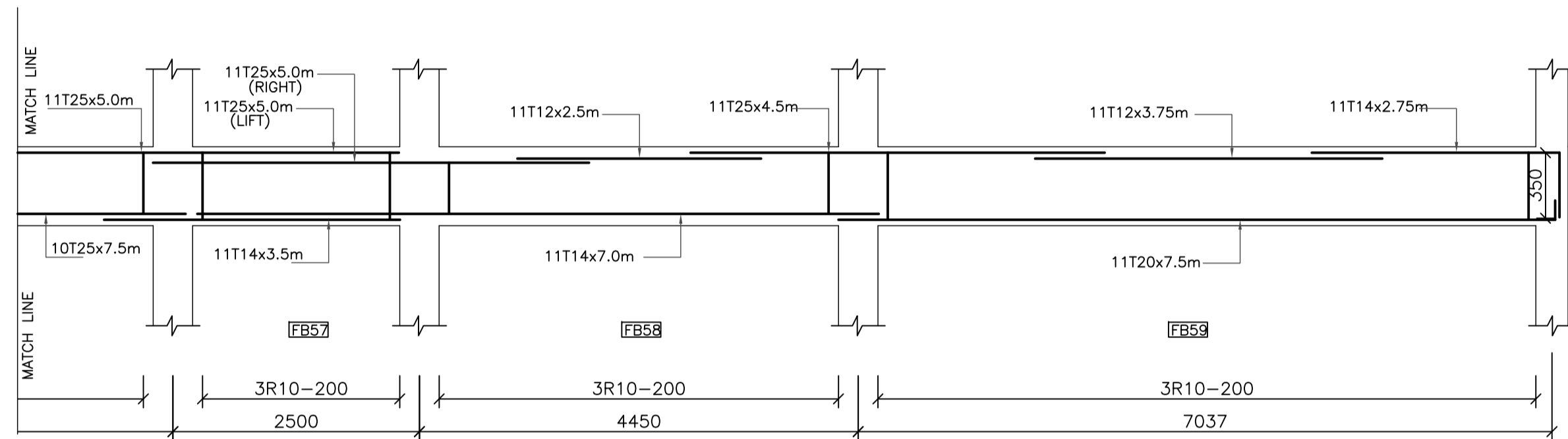
DRAWING NAME:  
FIRST FLOOR FRAMING PLAN  
BEAMS (SHEET 3 OF 6)  
PLOT No 99  
LOCATION AL NABI HOOD  
BASIN NO 003-AL HAMRA

Design: M.N.  
Scale: 1:50/1:25  
Date: June 2019  
Checked: W.Z.  
Approved: W.Z.  
DRAWING NUMBER:  
SKEP 16-SSB503

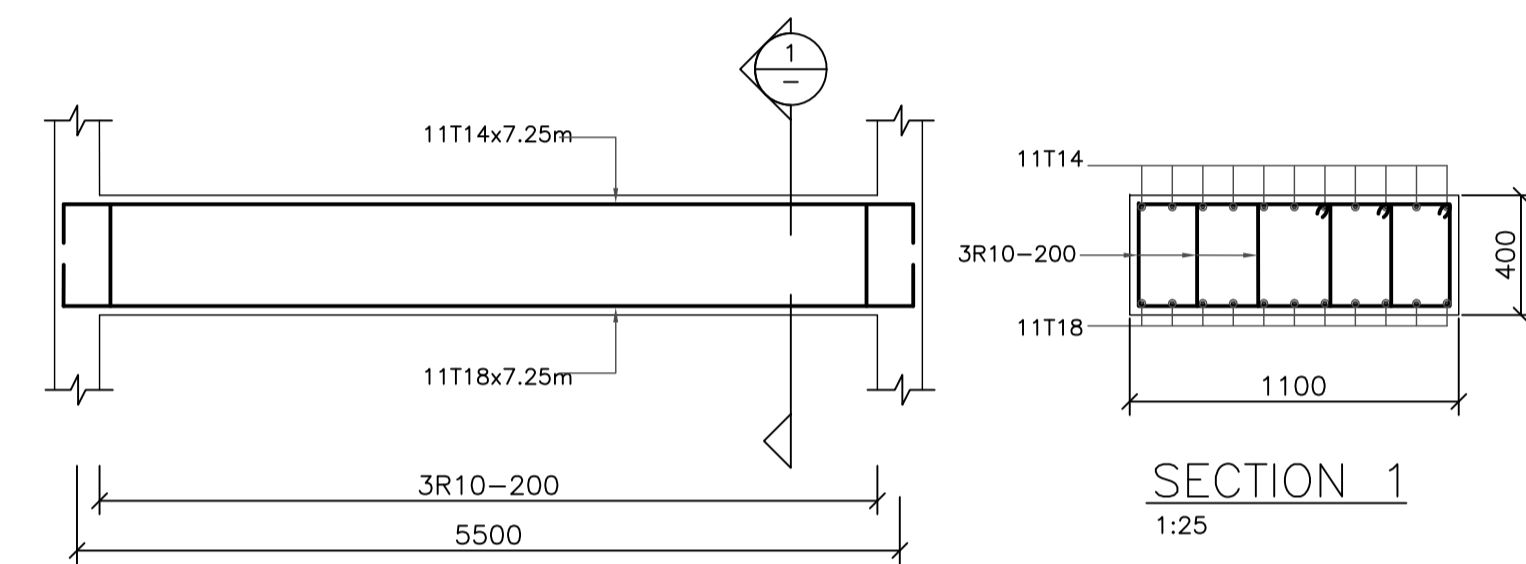
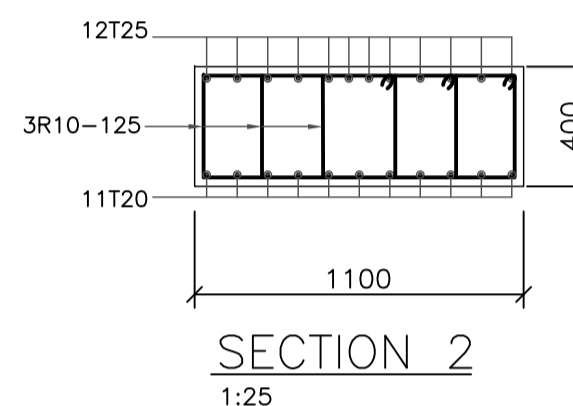
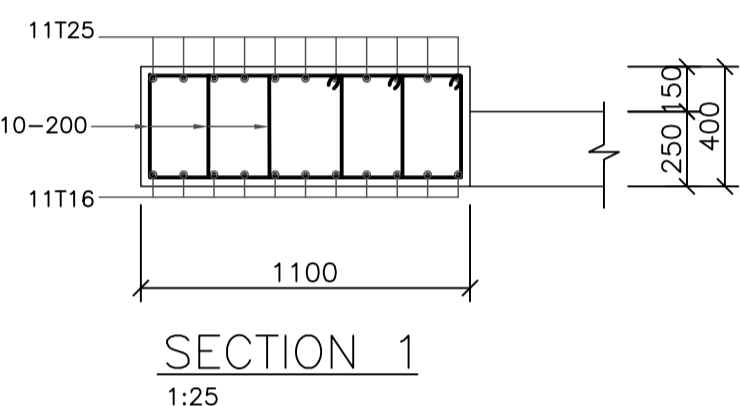




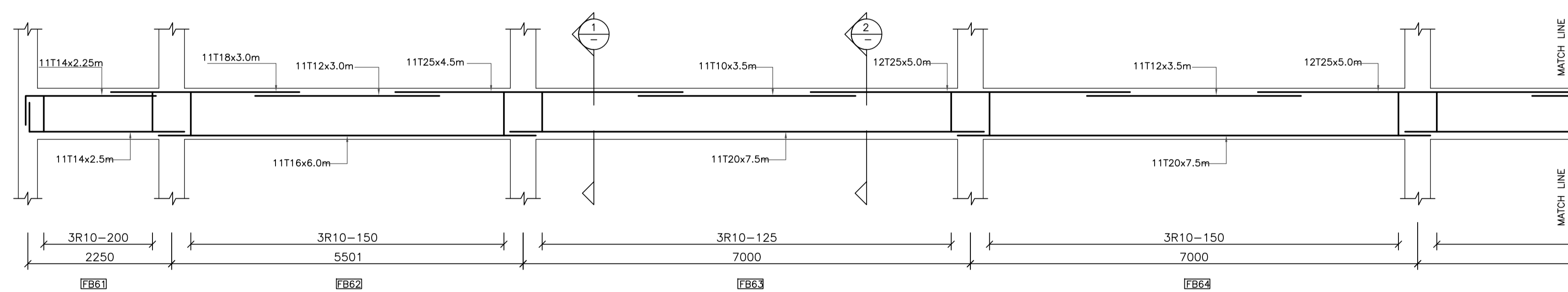
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1:50/1:25



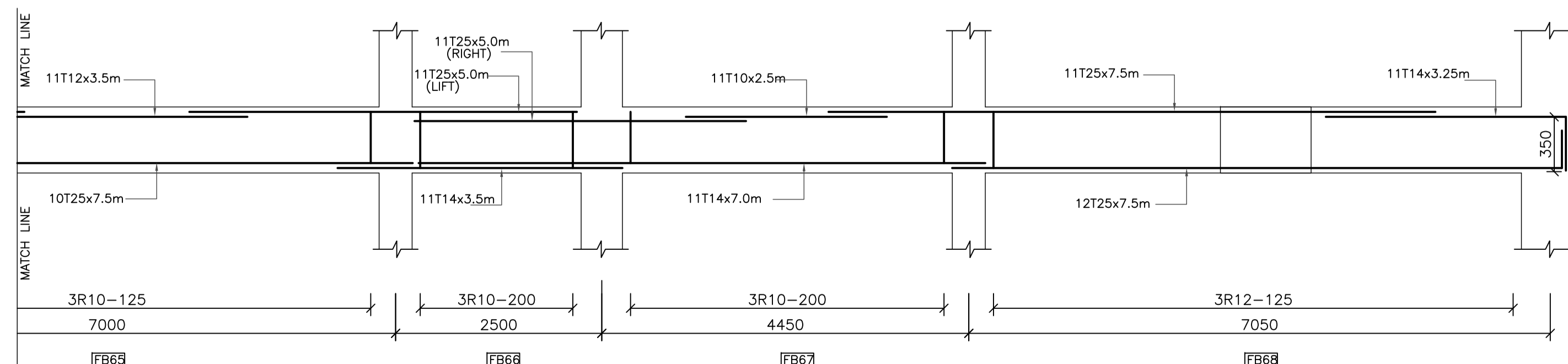
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1:50/1:25



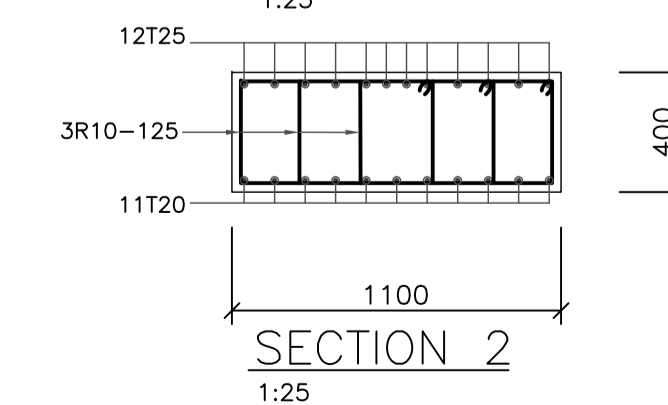
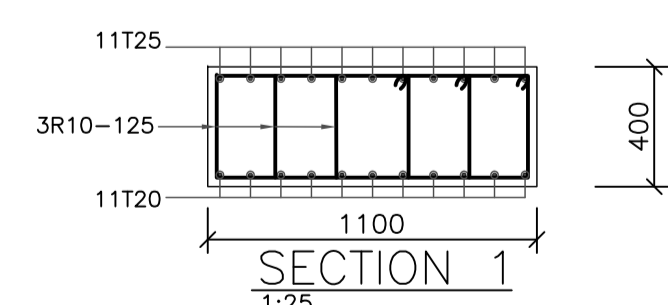
FB60  
1:50/1:25



FB61/FB62/FB63/FB64/FB65/FB66/FB67/FB68  
1:50/1:25

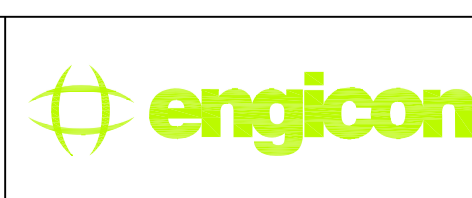


FB61/FB62/FB63/FB64/FB65/FB66/FB67/FB68  
1:50/1:25



REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

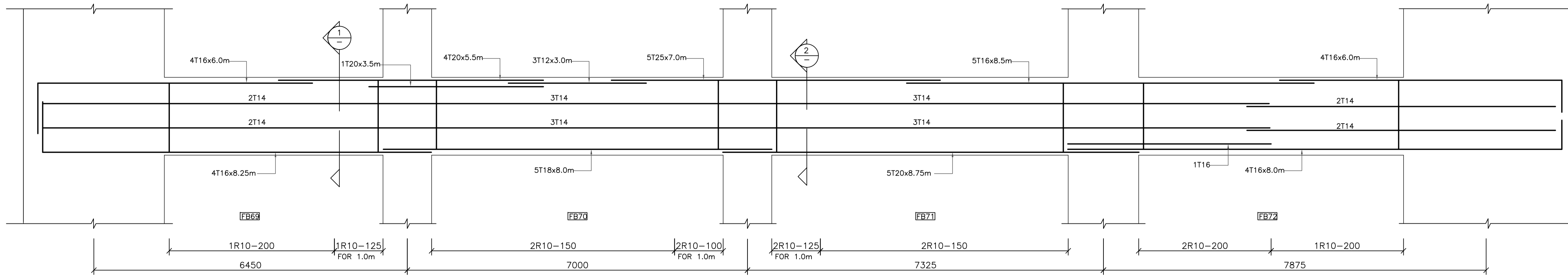
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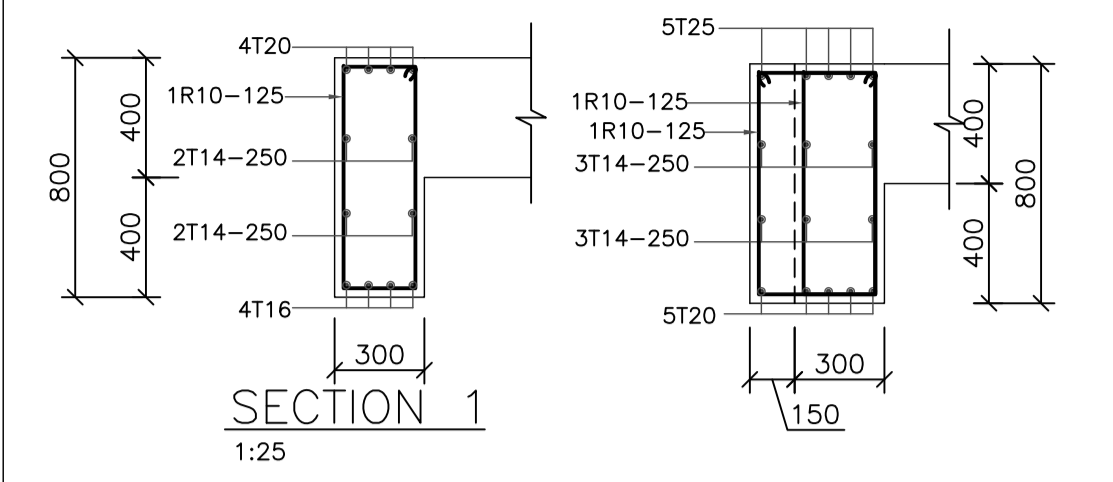
PHASE III  
PACKAGE 2  
HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME:  
FIRST FLOOR FRAMING PLAN  
BEAMS (SHEET 4 OF 6)

Design: M.N.	Drawn: CAD	Checked: W.Z.	North:
Scale: 1:50/1:25	Date: June 2019	Approved: W.Z.	Rev.: 0
PLOT No: 99	LOCATION: AL NABI HOOD	BASIN NO: 003-AL HAMRA	DRAWING NUMBER: SKEP 16-SSB504

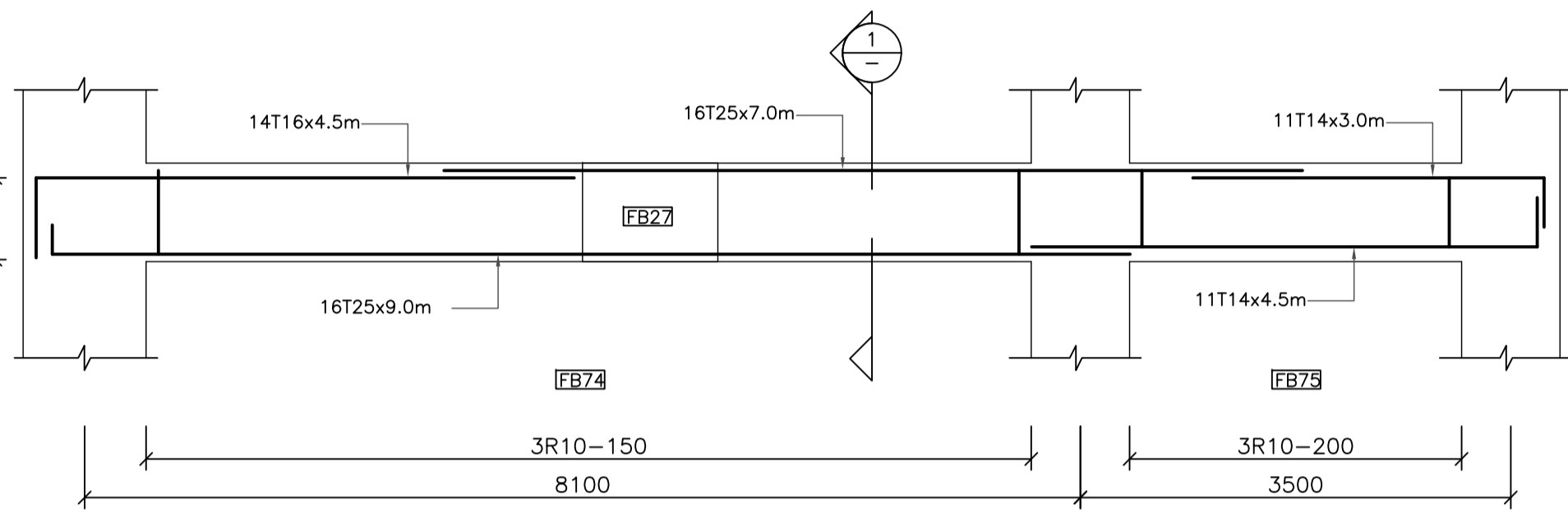


FB69/FB70/FB71/FB72  
1:50/1:25

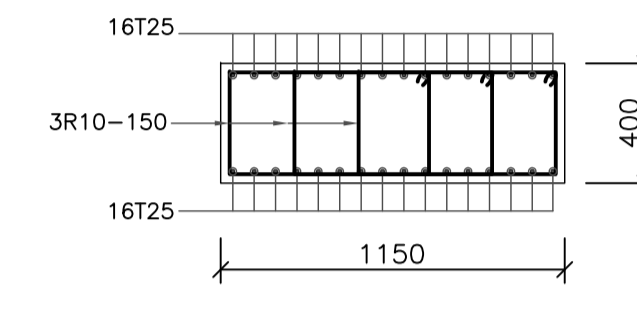


\* FOR EXTENSION (150mm) LOCATION REFER TO PLAN IN DRAWING SSP403

SECTION 2  
1:25

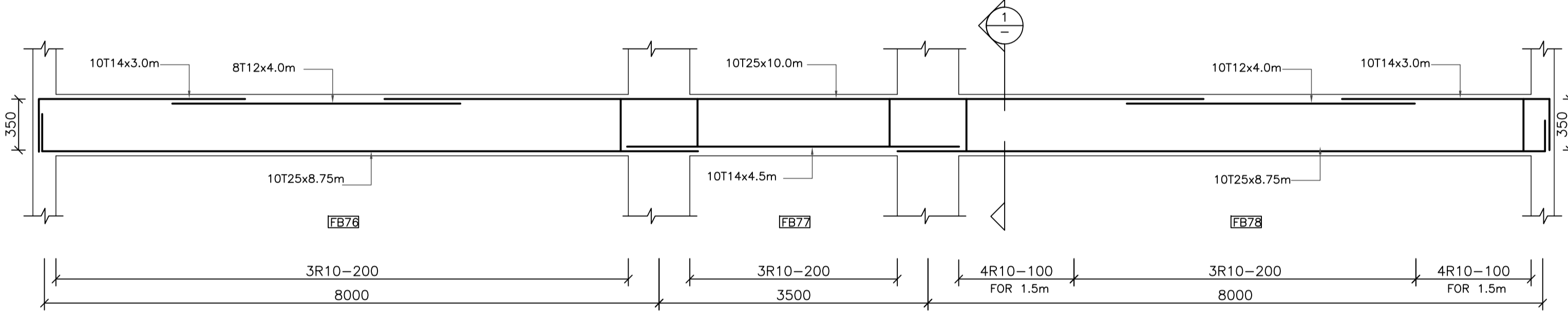


FB74/FB75  
1:50/1:25

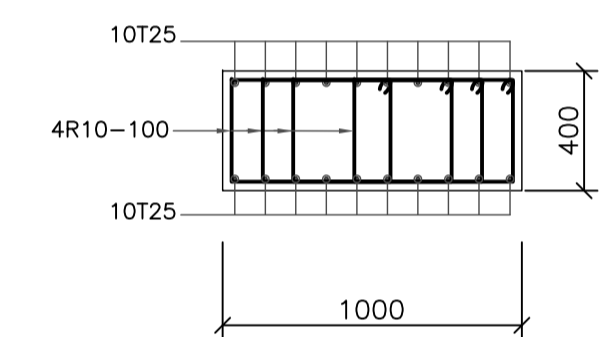


SECTION 1  
1:25

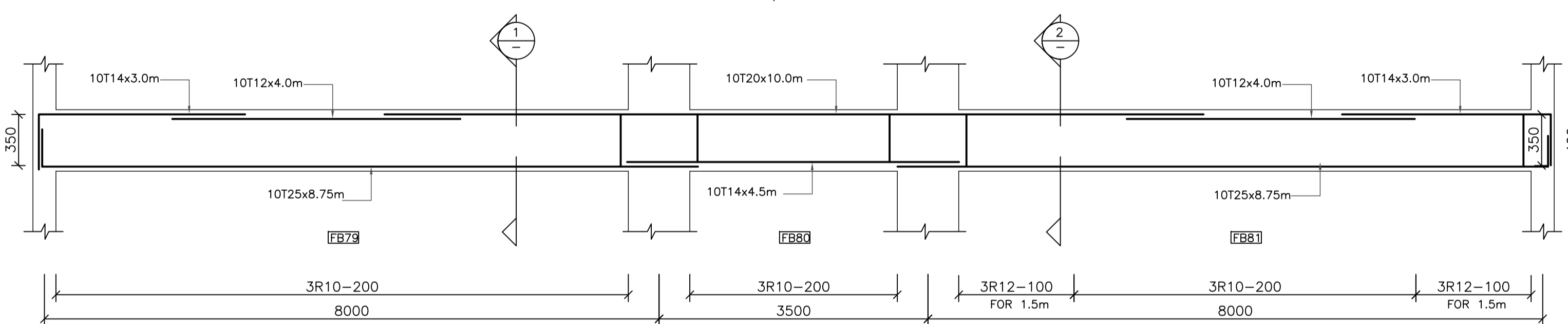
FOR BEAM FB73 REFER TO SHEAR WALL COUPLING BEAM DETAIL



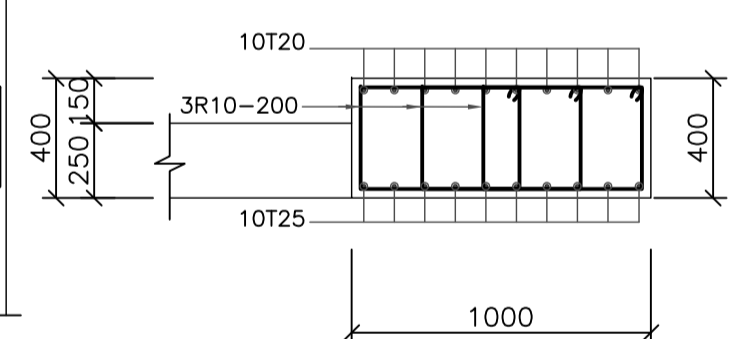
FB76/FB77/FB78  
1:50/1:25



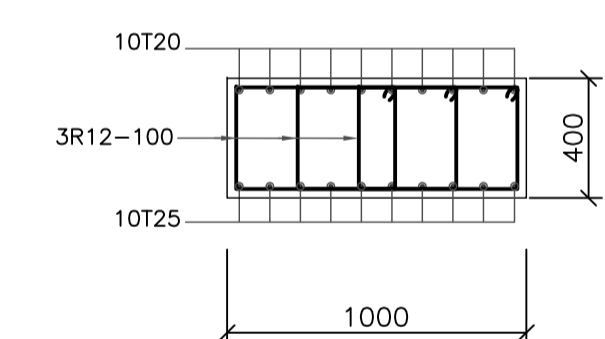
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1:25



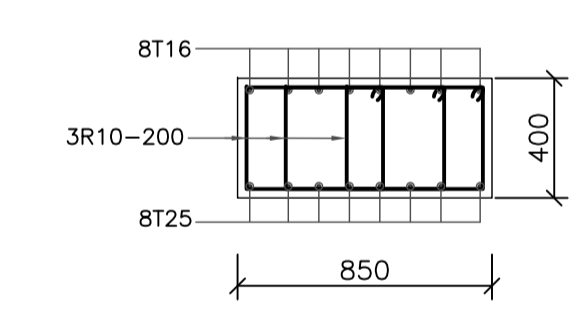
FB79/FB80/FB81  
1:50/1:25



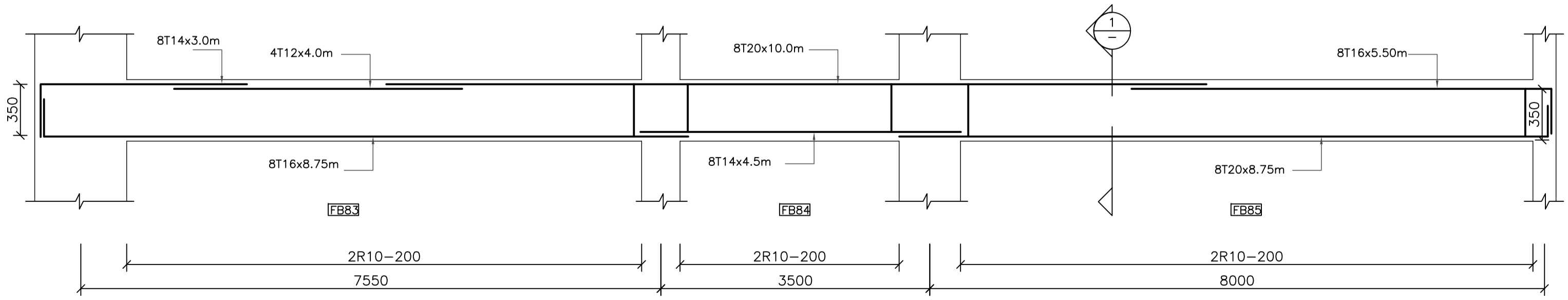
SECTION 1  
1:25



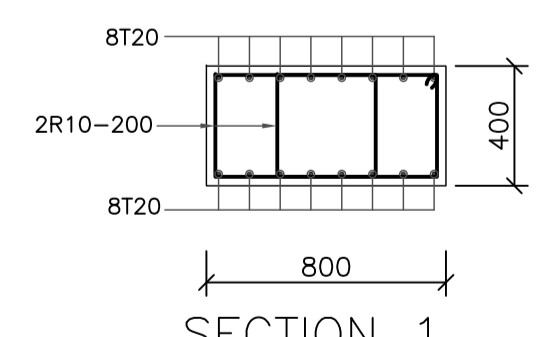
SECTION 2  
1:25



SECTION IN FB82  
1:25



FB83/FB84/FB85  
1:50/1:25



SECTION 1  
1:25

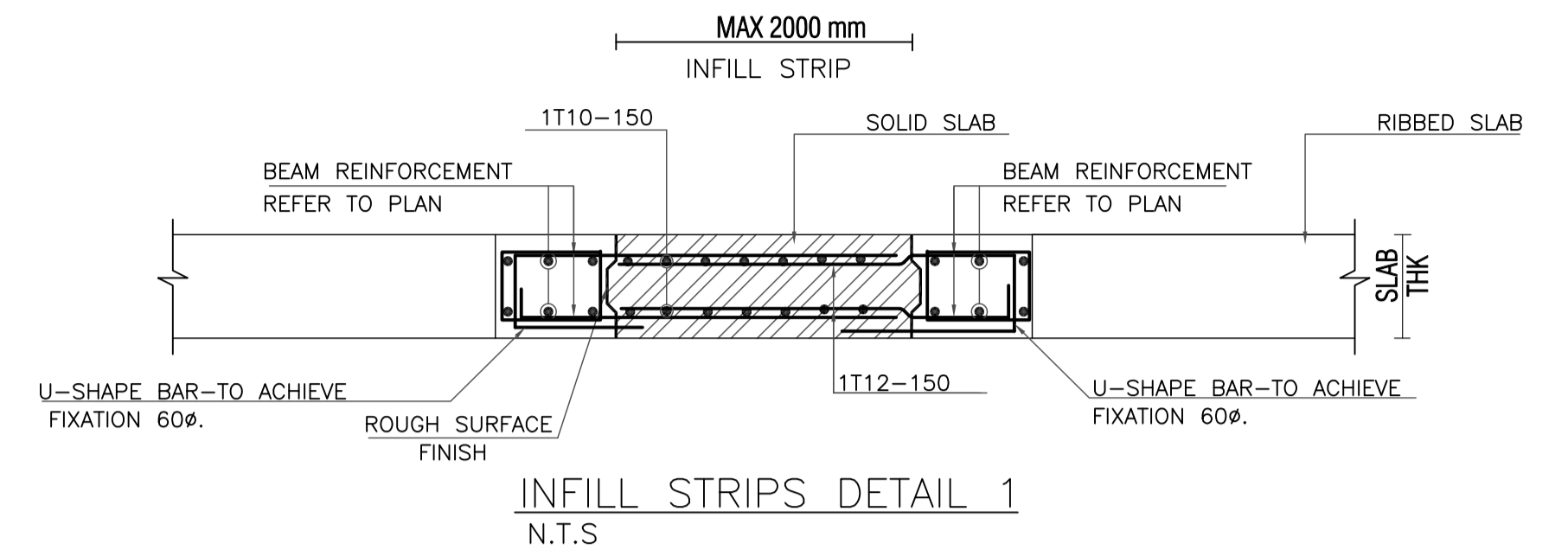
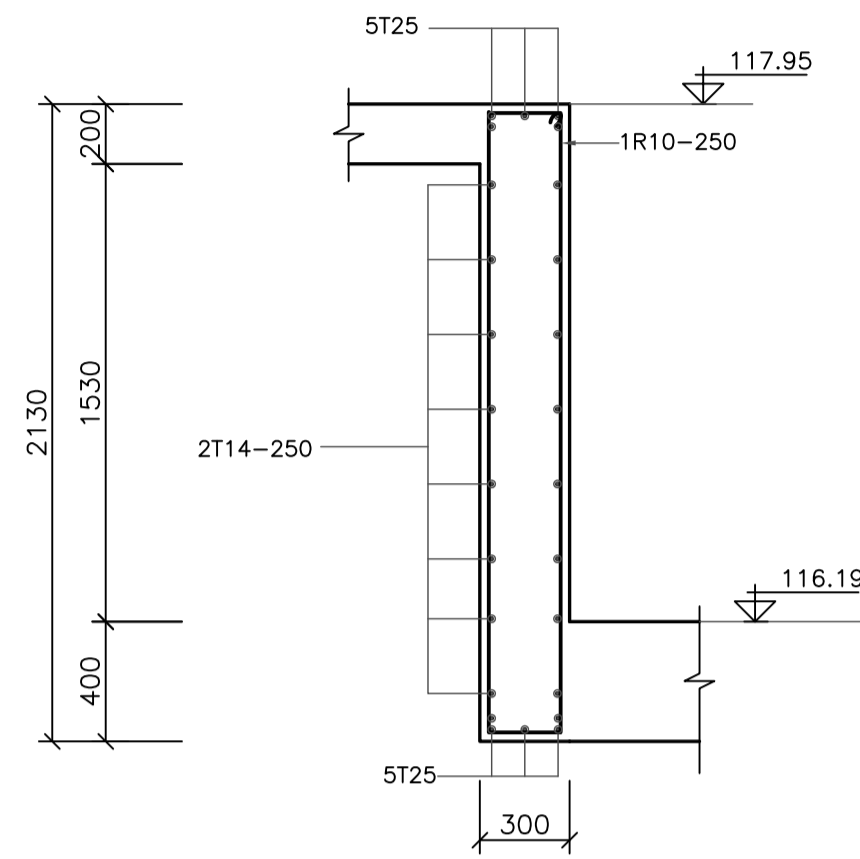
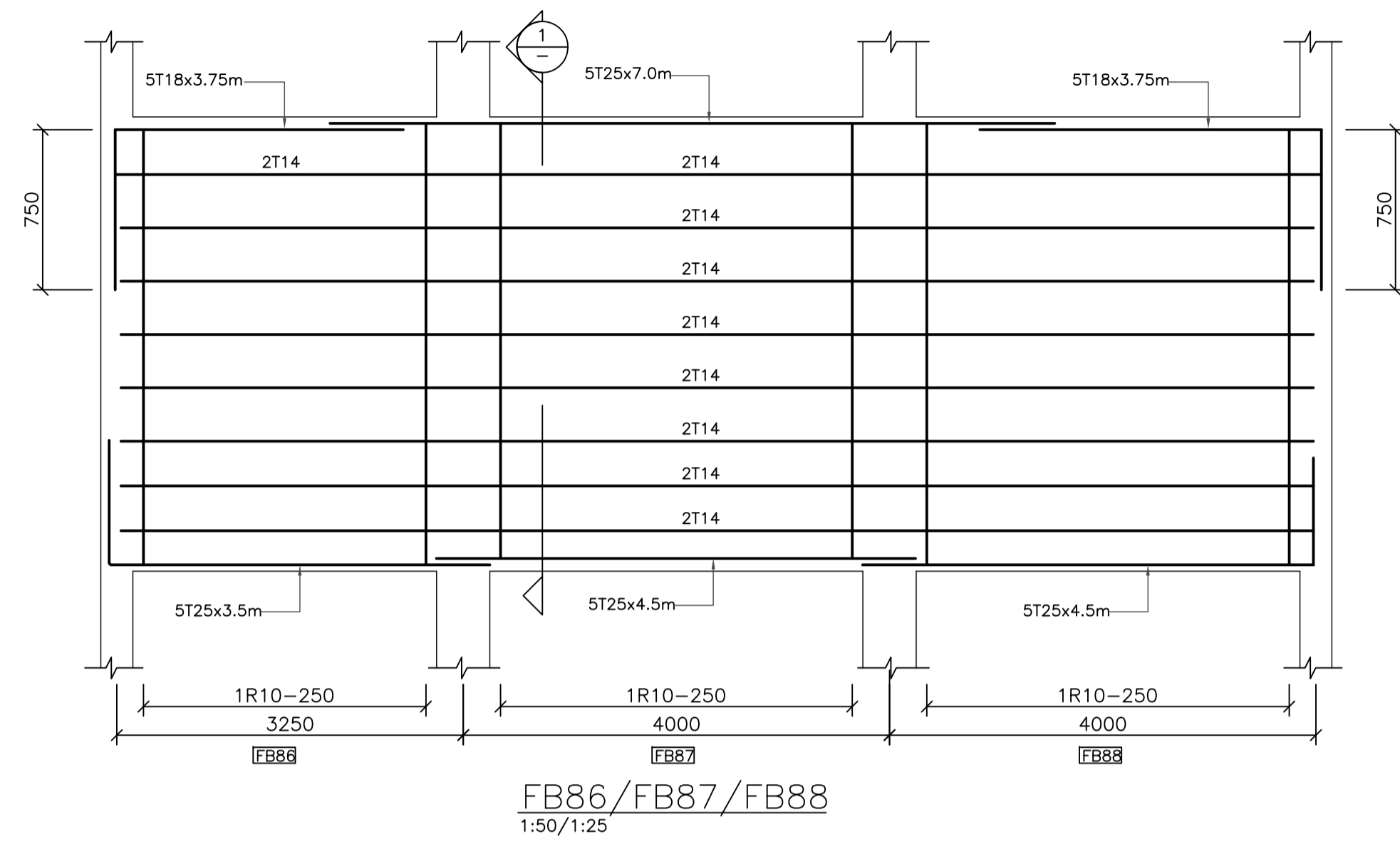
REV.	DATE	REMARKS
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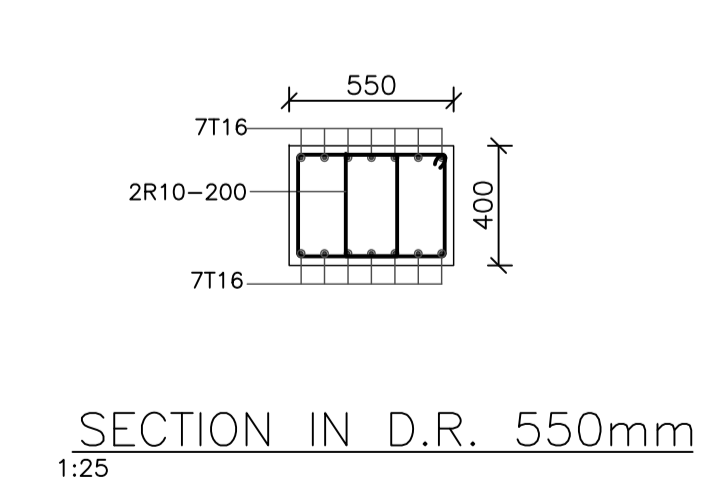
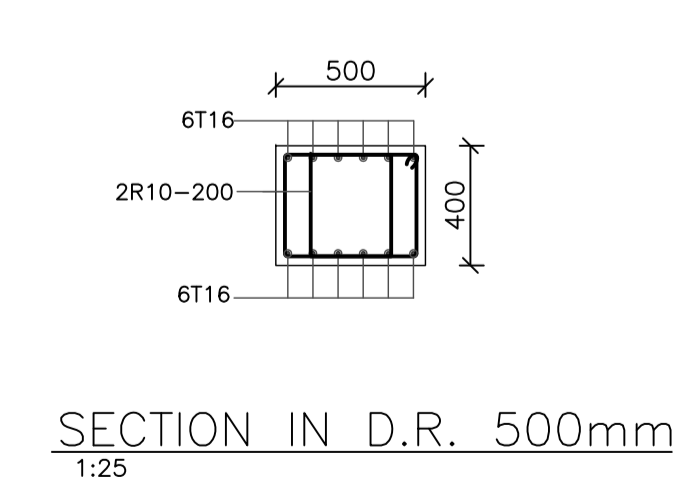
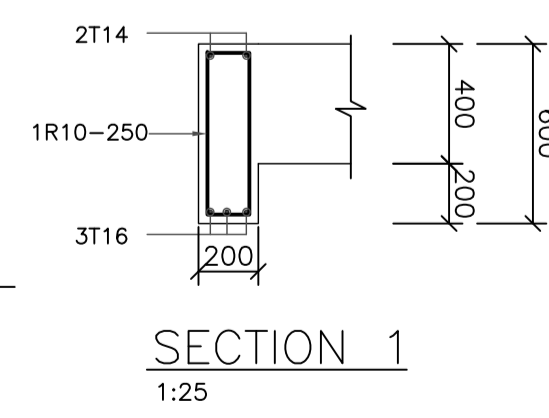
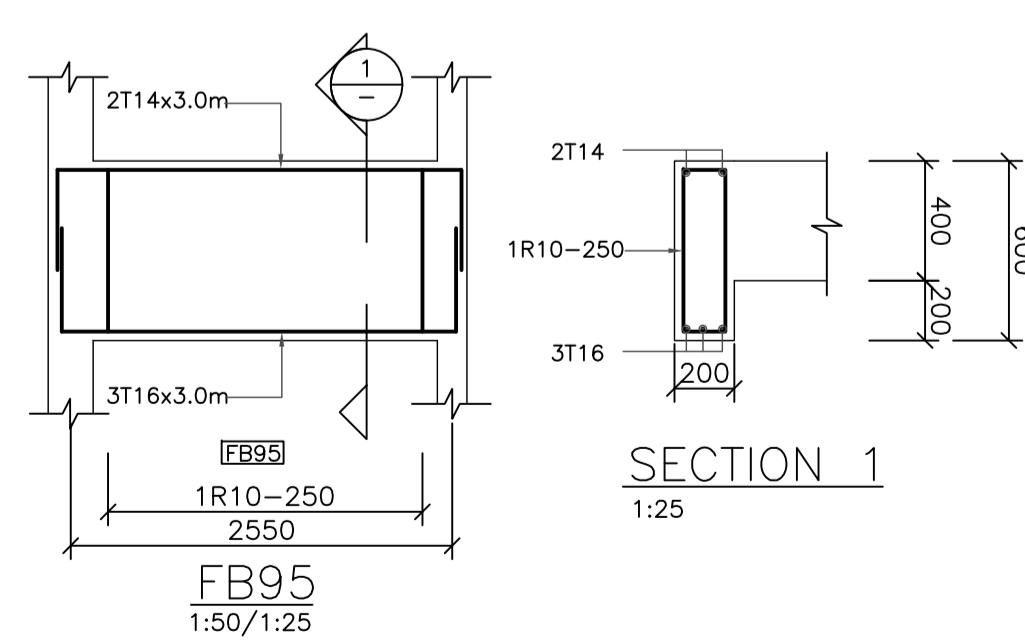
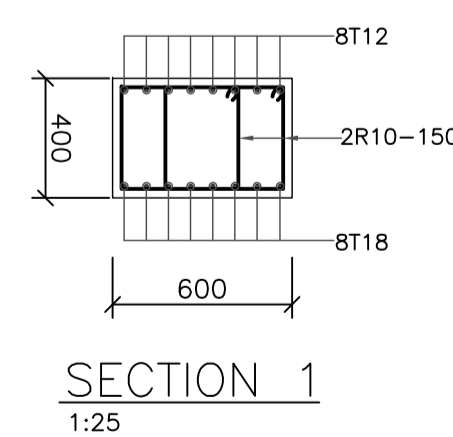
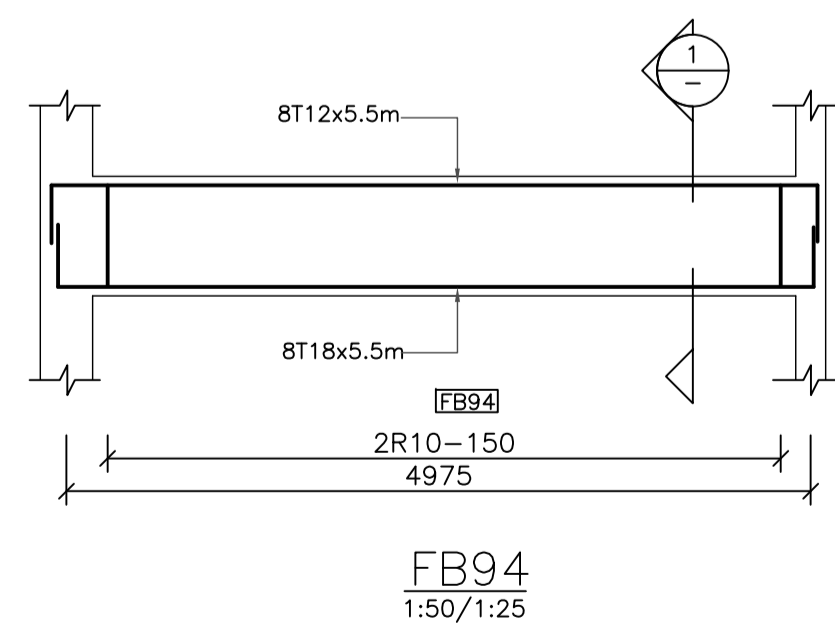
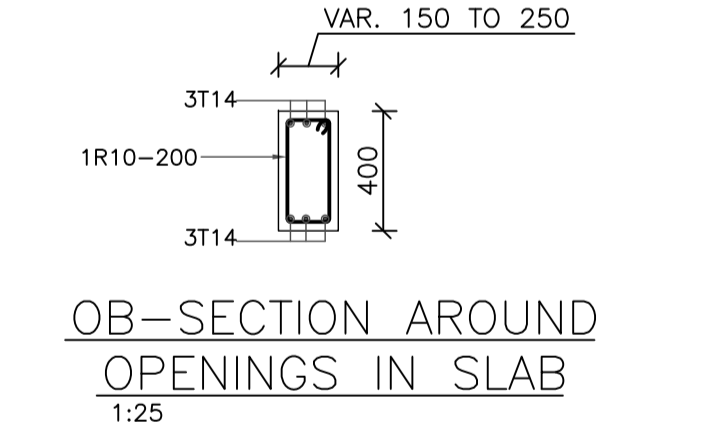
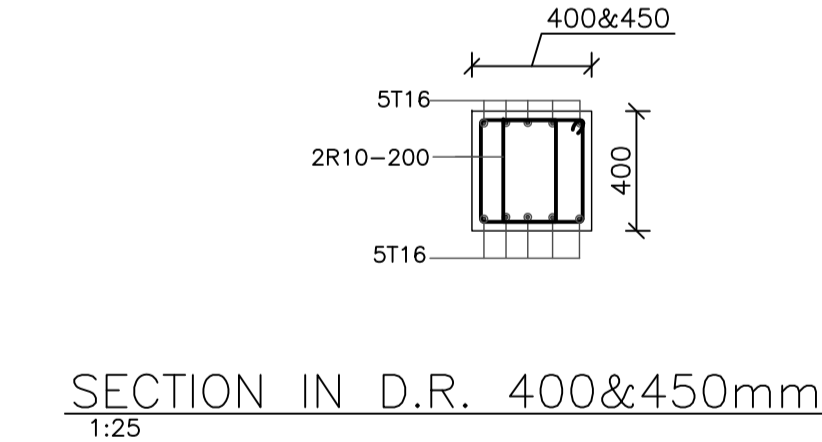
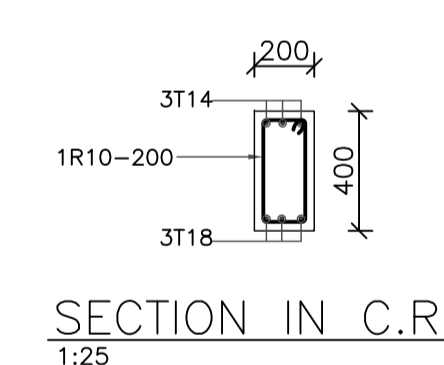
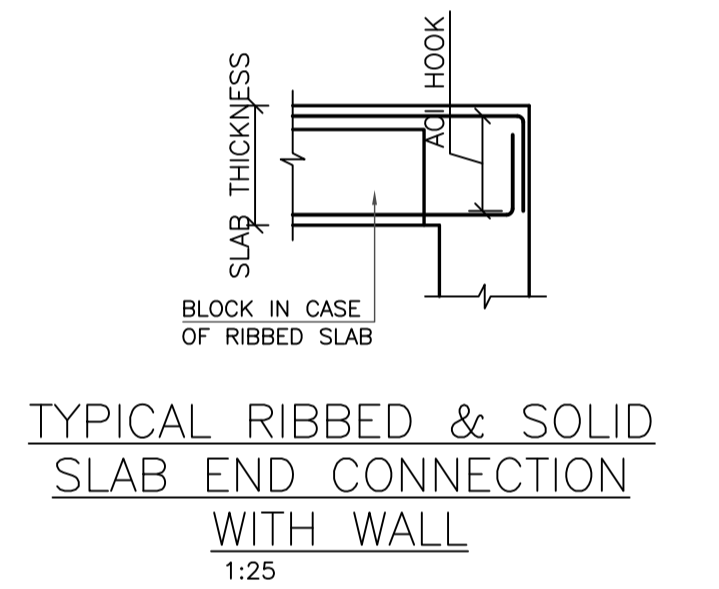
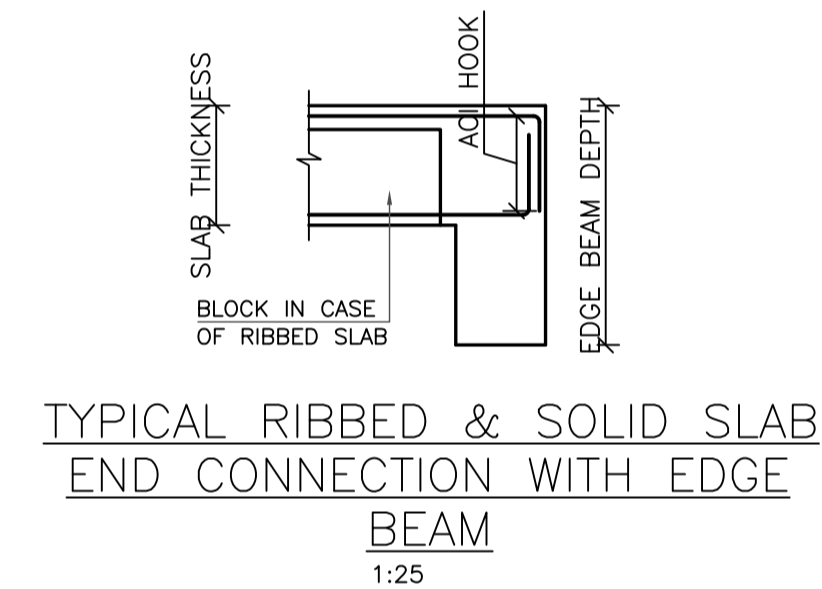
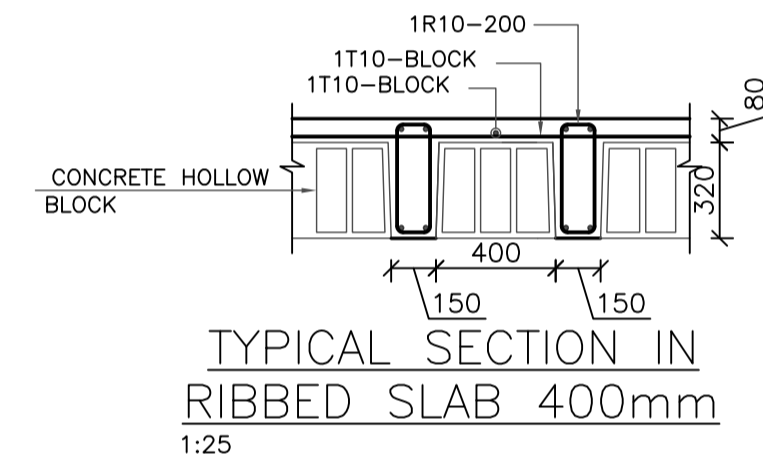
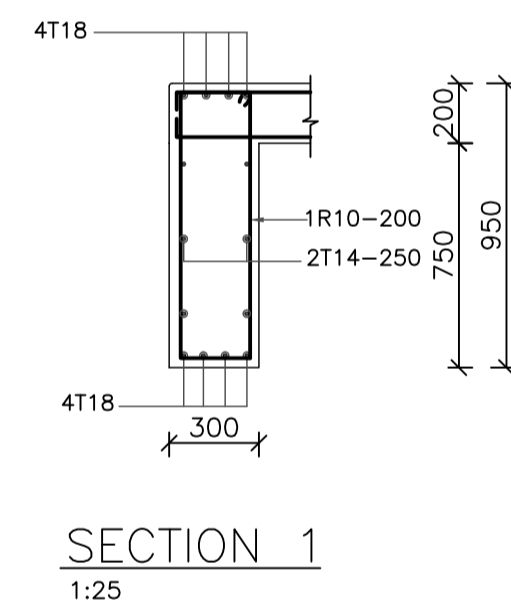
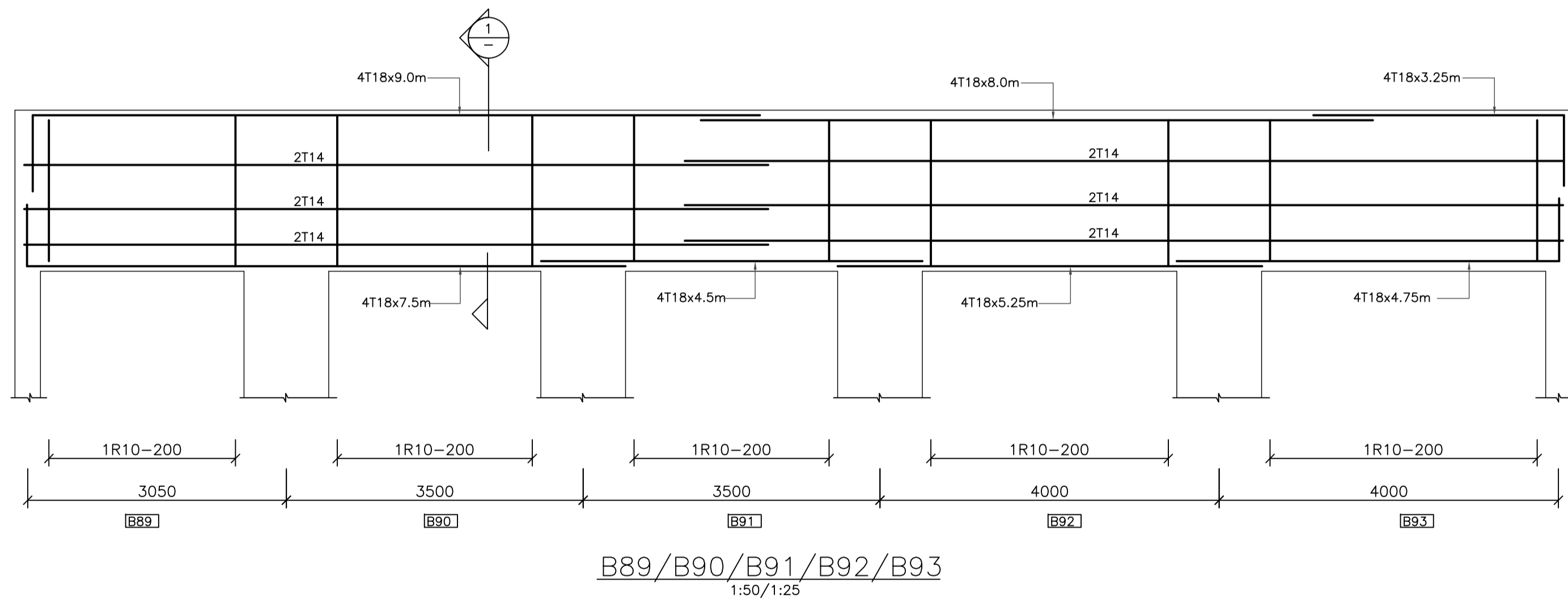


PHASE III HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
PACKAGE 2 SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME: FIRST FLOOR FRAMING PLAN BEAMS (SHEET 5 OF 6)	Design: M.N.	Drawn: CAD	Checked: W.Z.	North: [North Arrow]
PLOT No: 99	LOCATION: AL NABI HOOD	BASIN NO: 003-AL HAMRA	DRAWING NUMBER: SKEP 16-SSB505	Rev.: 0

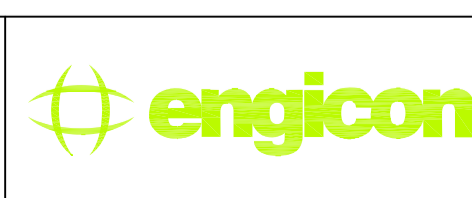


- THE INFILL STRIP TO BE CAST 60 DAYS LATER THAN THE ADJACENT UNIT TO REESTABLISH CONTINUITY. LOW W/C RATIO SHALL BE ADOPTED WHEN CASTING THE INFILL STRIPS.
- IT IS NECESSARY TO LAP THE REINFORCING BARS WITHIN THE STRIP AS SHOWN IN THE ABOVE FIGURE.
- CONTINUOUS SUPPORT SYSTEMS (SUCH AS FORMWORK, BRACING, OR FULL SUPPORT) MUST BE USED TO ASSURE THE STABILITY OF STRUCTURE AND SHOULD INTACT THE STABILITY AND ALIGNMENT OF ADJOINING PARTS OF THE BUILDING.
- THE EXPOSED REINFORCING BARS IN THE INFILL STRIP SHALL BE PRIMED WITH CONCESSIVE (SINGLE COMPONENT EPOXY BASED ZINC RICH PRIMER FOR STEEL) PROVIDING ACTIVE GALVANIC PROTECTION STEEL.
- INFILL STRIPS SHALL BE CAST FLOOR BY FLOOR.
- THE PREVIOUSLY CAST PARTS SHALL BE PREPARED THROUGH CONVENTIONAL ROUGH CHAMFERED EDGE FOR THE BETTER ADHERENCE WITH THE SHRINKAGE STRIP.



REV.	DATE	REMARKS
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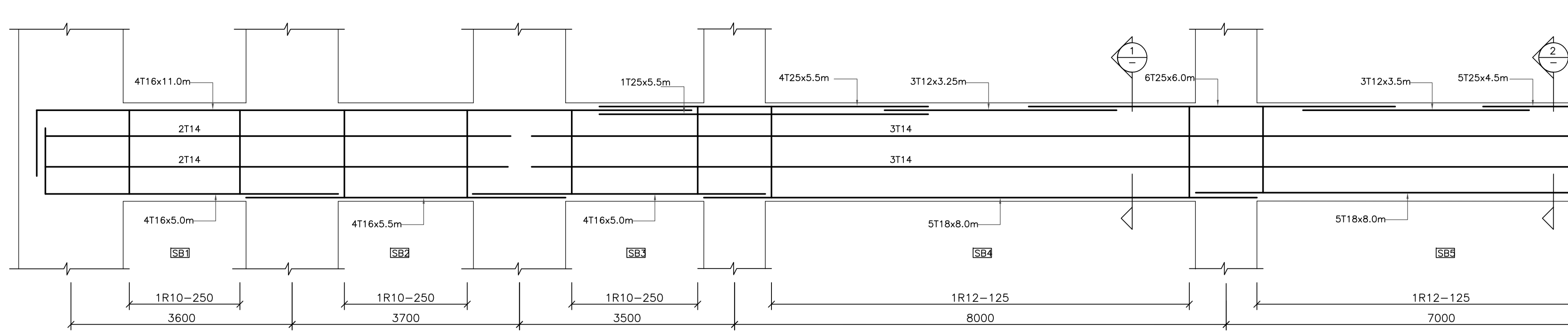
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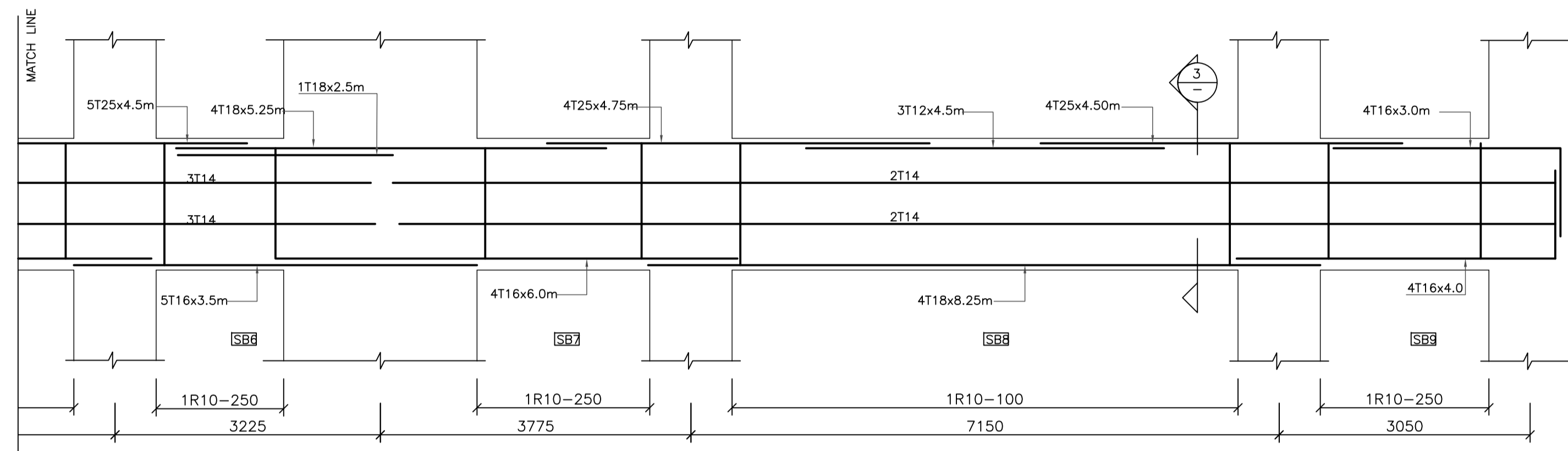
PHASE III	HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)
PACKAGE 2	SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME:	FIRST FLOOR FRAMING PLAN BEAMS (SHEET 6 OF 6)
Design:	M.N.
Scale:	1:50/1:25
Drawn:	CAD
Date:	June 2019
Checked:	W.Z.
Approved:	
DRAWING NUMBER:	SKEP 16-SSB506

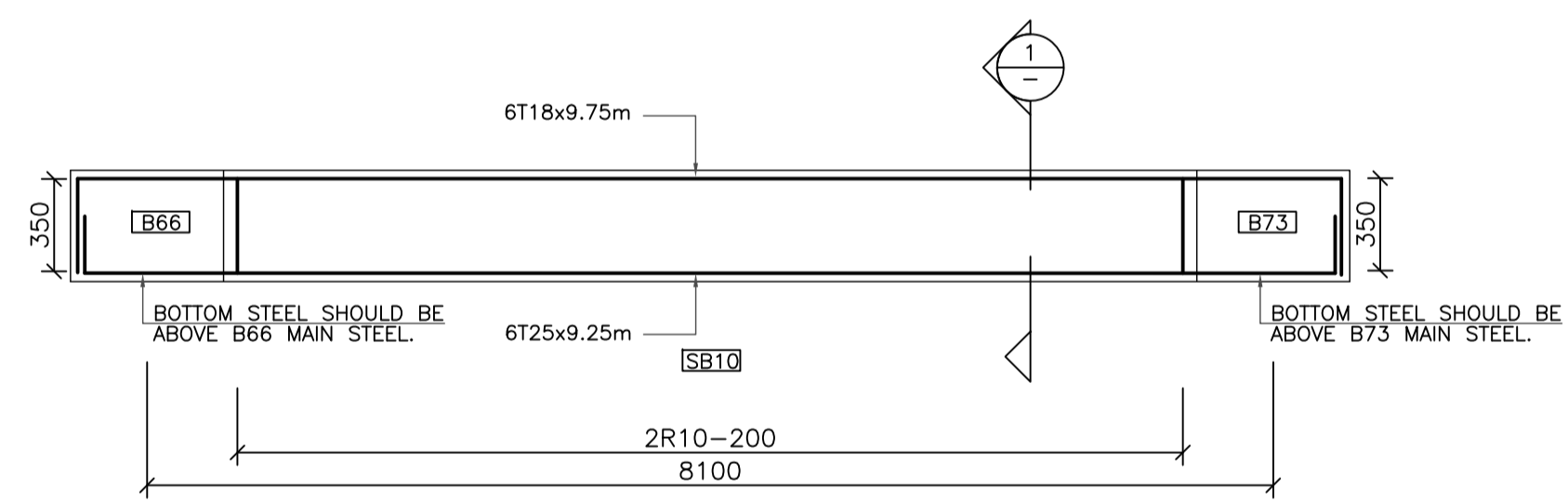
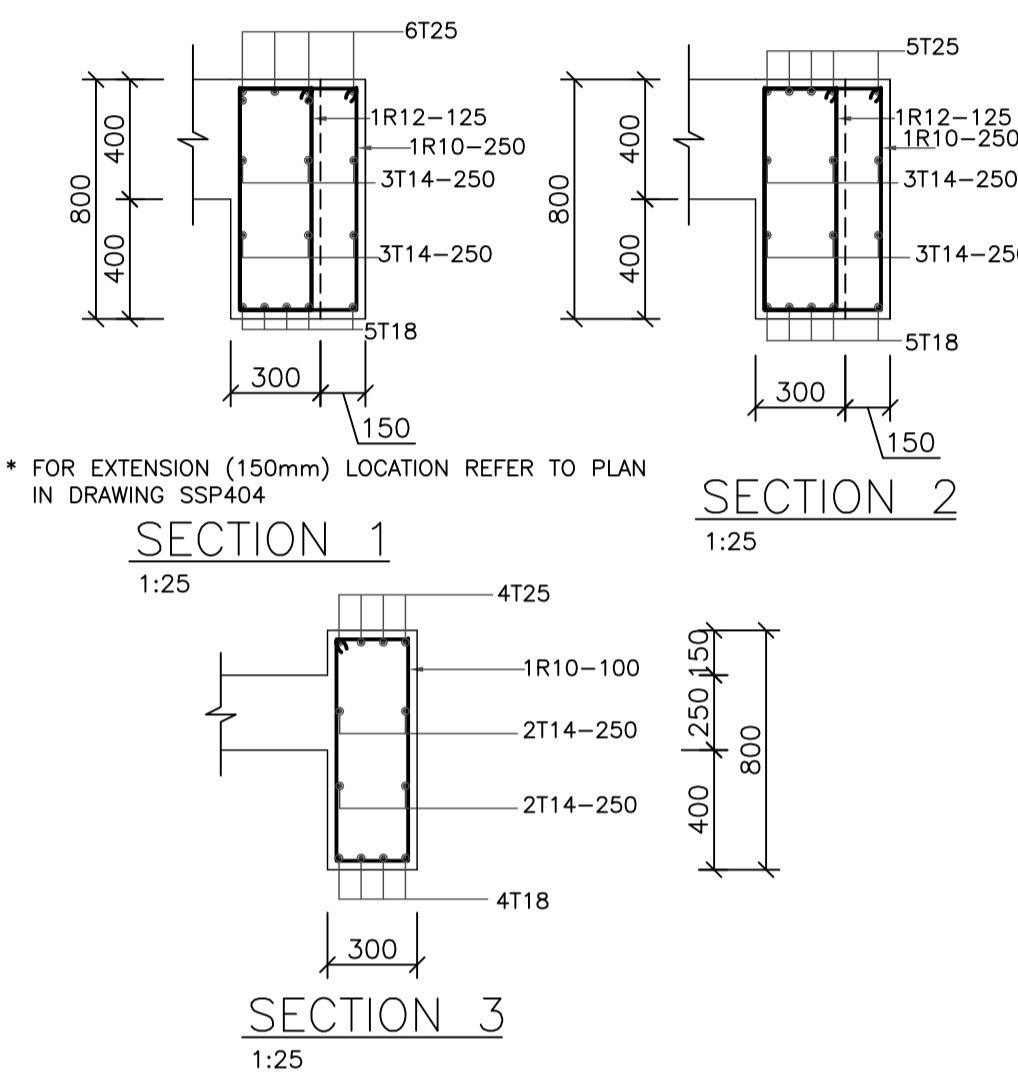
PLOT No	99	LOCATION	AL NABI HOOD	BASIN NO	003-AL HAMRA
Rev:	0	North:			



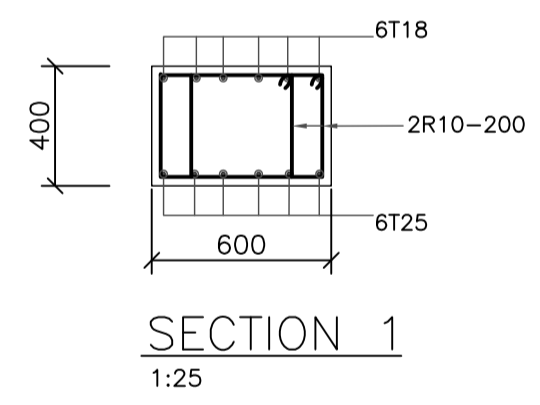
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1:50/1:25



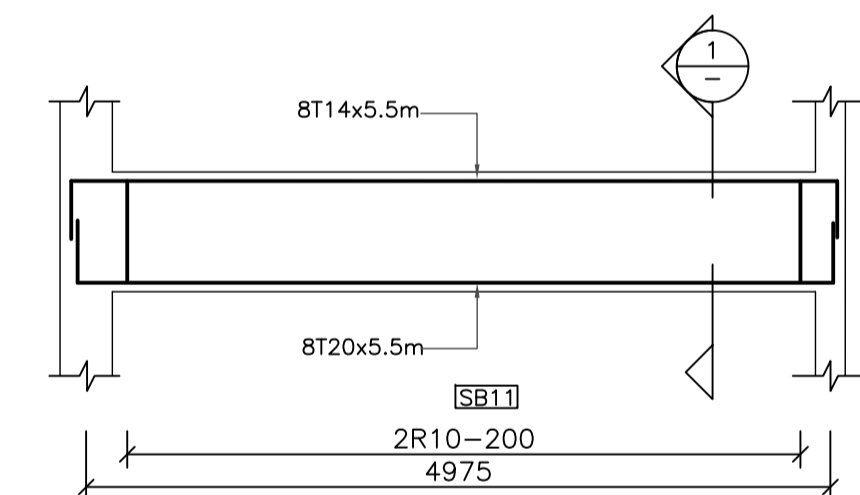
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1:50/1:25



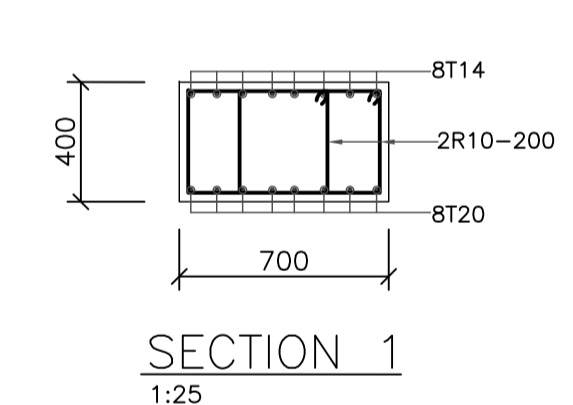
SB10  
1:50/1:25



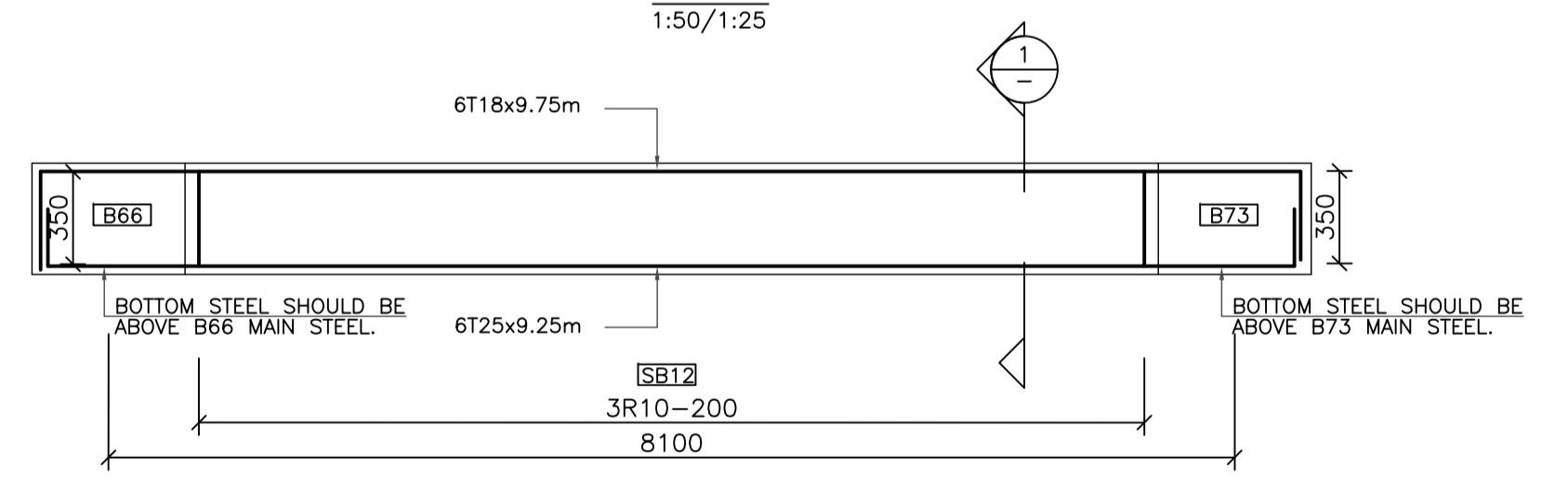
SECTION 1  
1:25



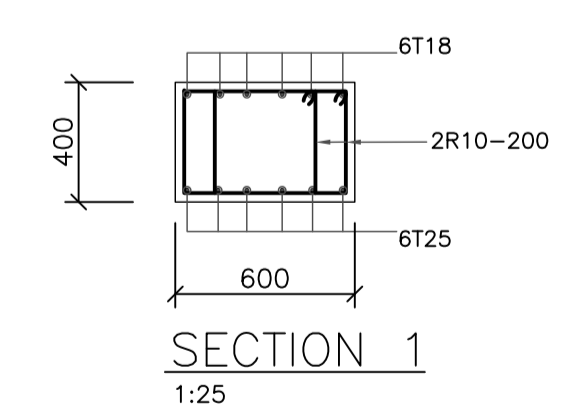
SB11  
1:50/1:25



SECTION 1  
1:25



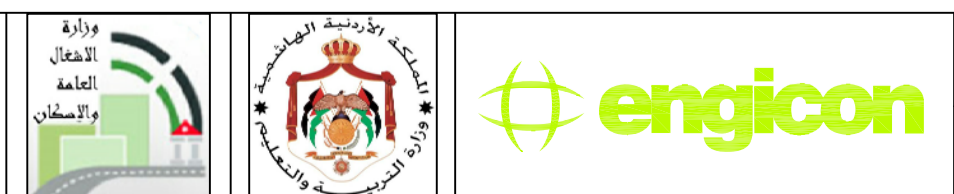
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1:50/1:25



SECTION 1  
1:25

REV.	DATE	REMARKS
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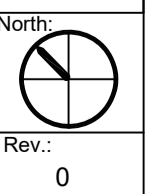
NOTES:



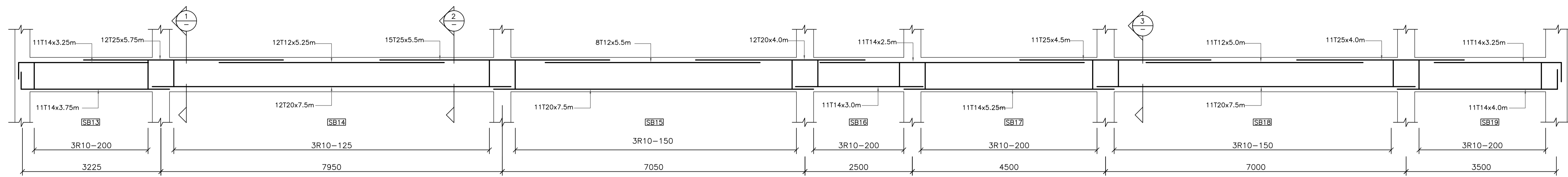
PHASE III HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
PACKAGE 2 SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME: SECOND FLOOR FRAMING PLAN BEAMS (SHEET 1 OF 5)  
PLOT No: 99 LOCATION: AL NABI HOOD BASIN NO: 003-AL HAMRA

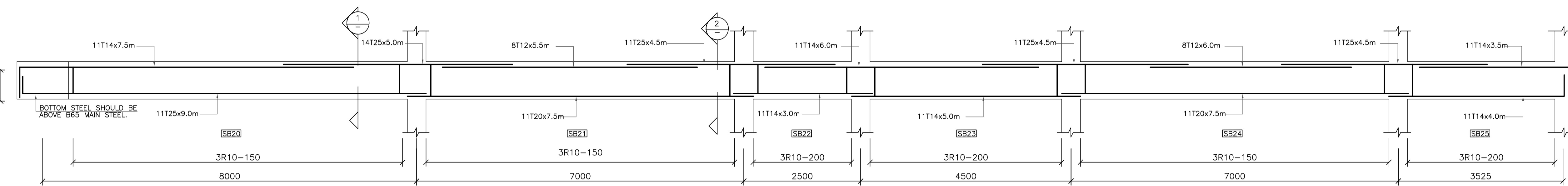
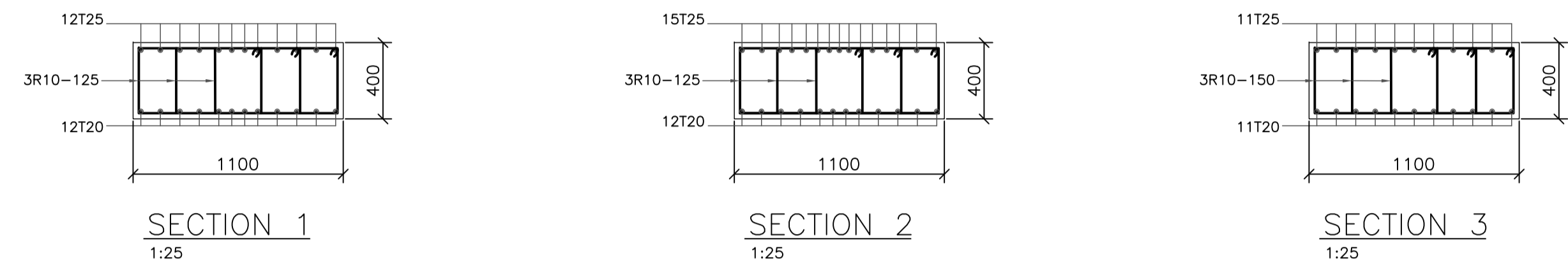
Design: M.N. Drawn: CAD Checked: W.Z. Approved: W.Z.  
Scale: 1:50/1:25 Date: June 2019  
DRAWING NUMBER: SKEP 16-SSB507



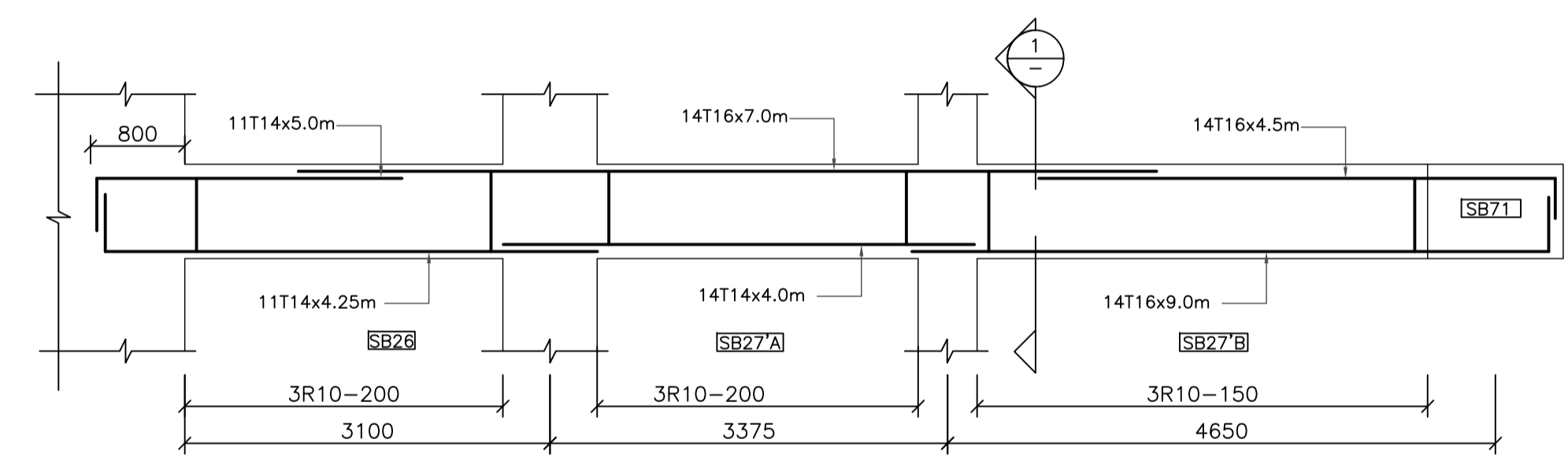
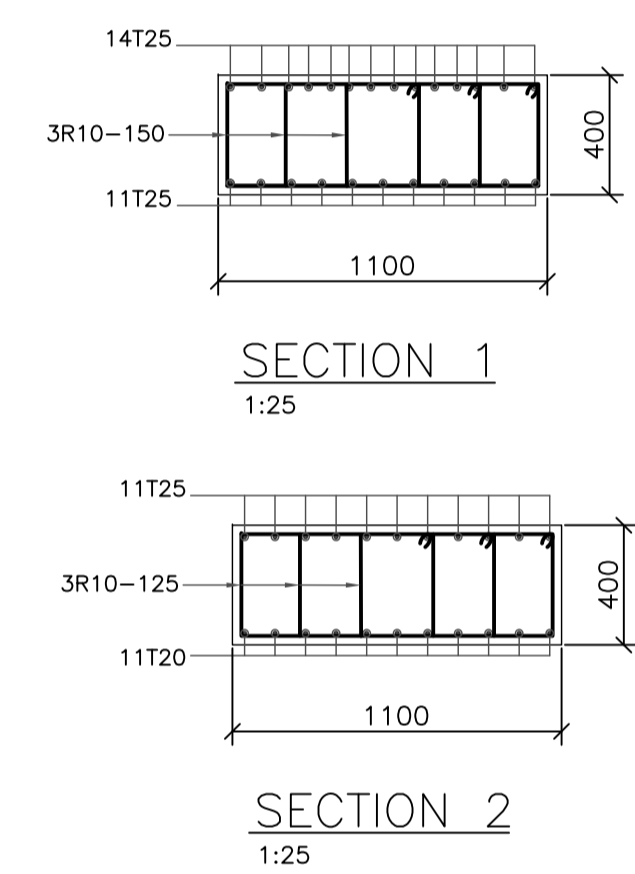




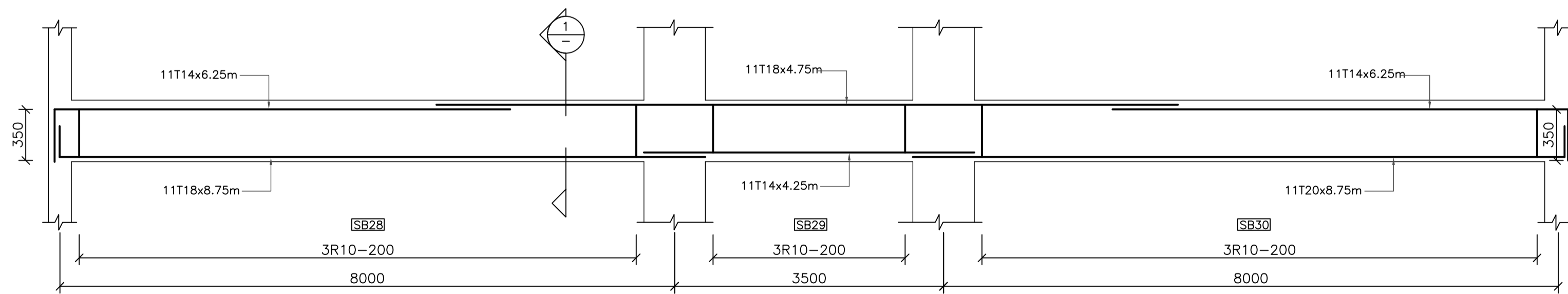
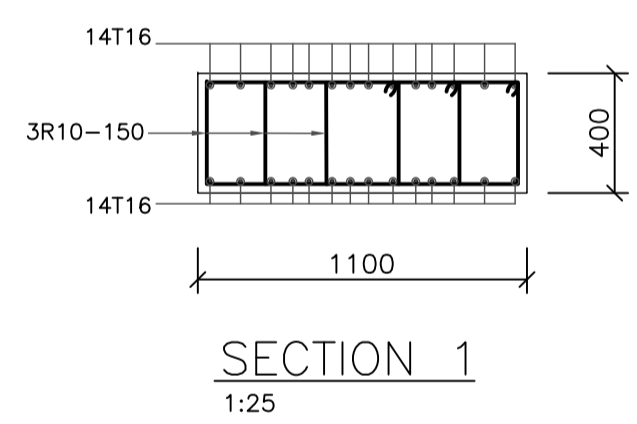
SB13/SB14/SB15/SB16/SB17/SB18/SB19  
1:50/1:25



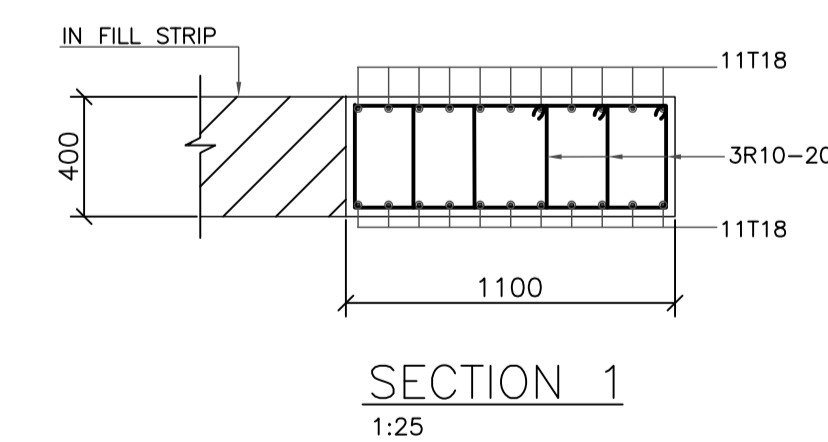
SB20/SB21/SB22/SB23/SB24/SB25  
1:50/1:25



SB26/SB27A/SB27B

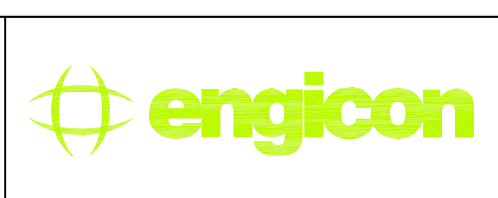


SB28/SB29/SB30  
1:50/1:25



REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

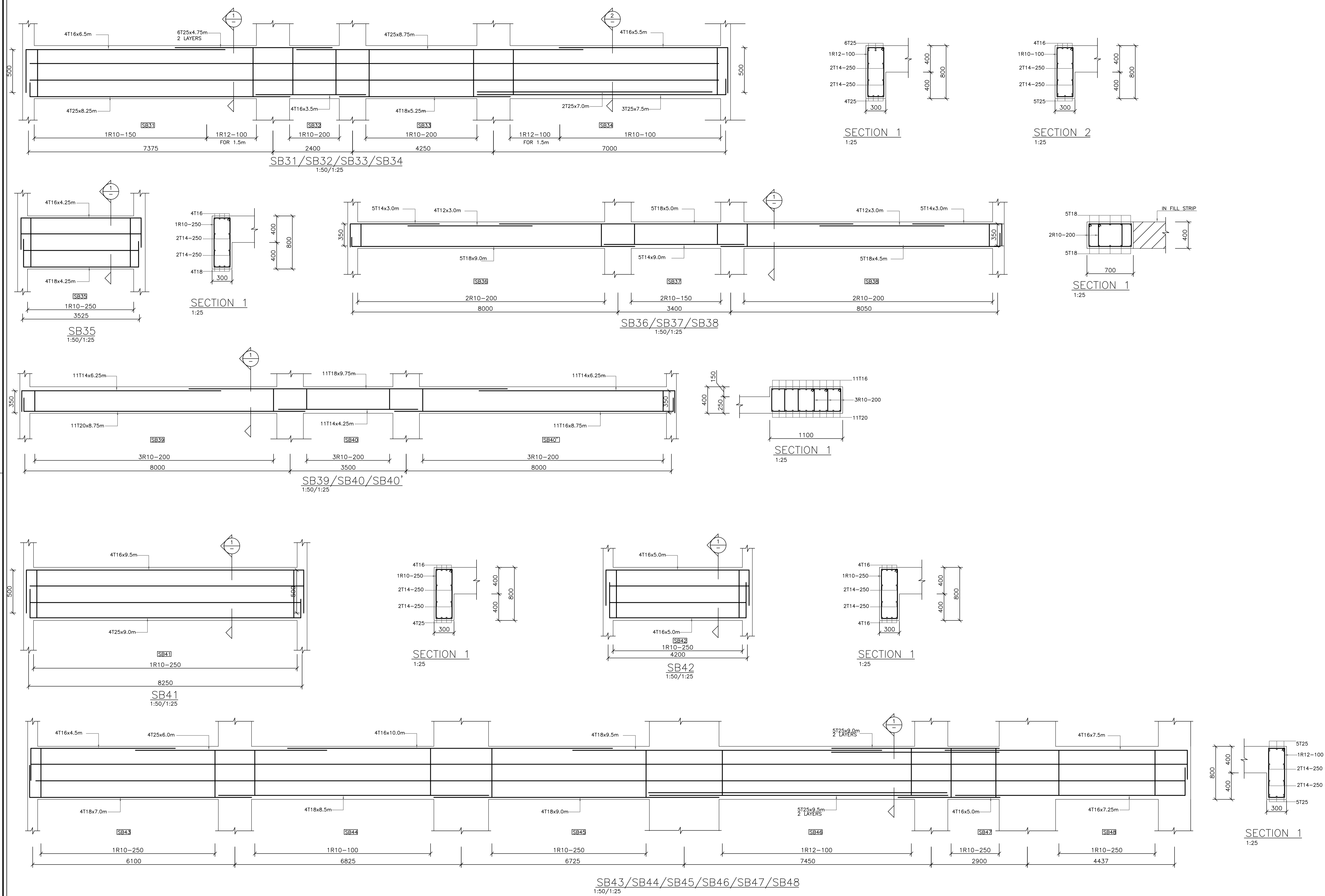
NOTES:



PHASE III HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
PACKAGE 2 SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME: SECOND FLOOR FRAMING PLAN BEAMS (SHEET 2 OF 5)  
Design: M.N. Drawn: CAD Checked: North  
Scale: 1:50/1:25 Date: June 2019 Approved: W.Z.  
PLOT No: 99 LOCATION: AL NABI HOOD BASIN NO: 003-AL HAMRA DRAWING NUMBER: SKEP 16-SSB508

Rev:	0
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REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

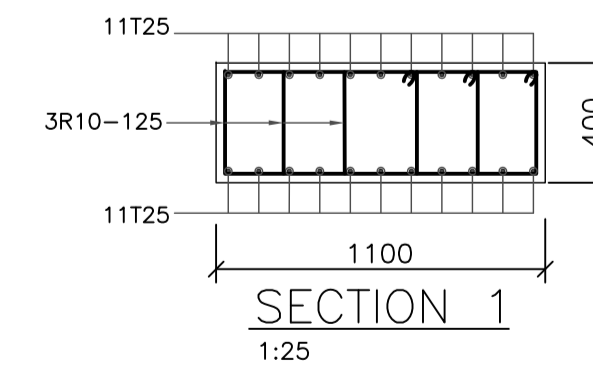
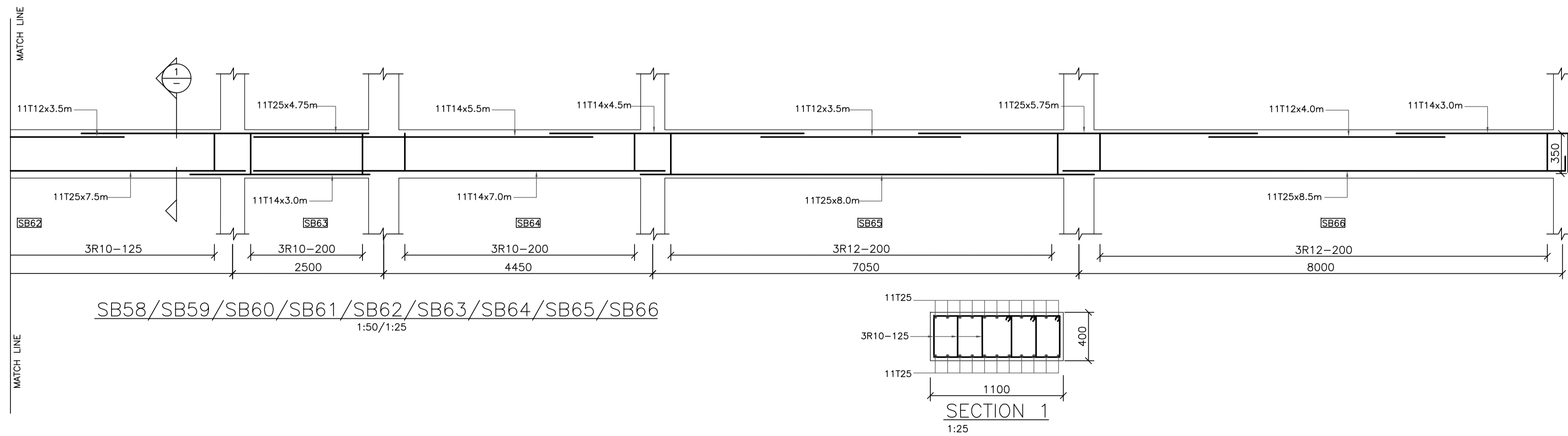
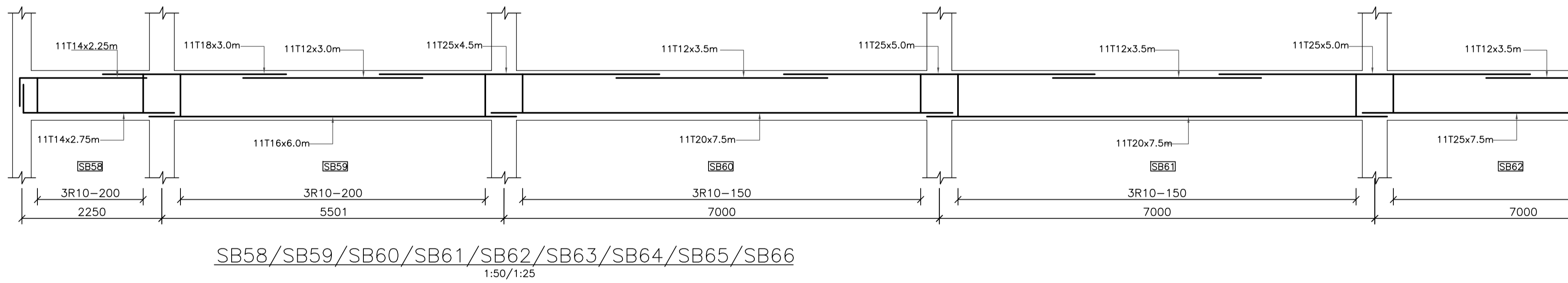
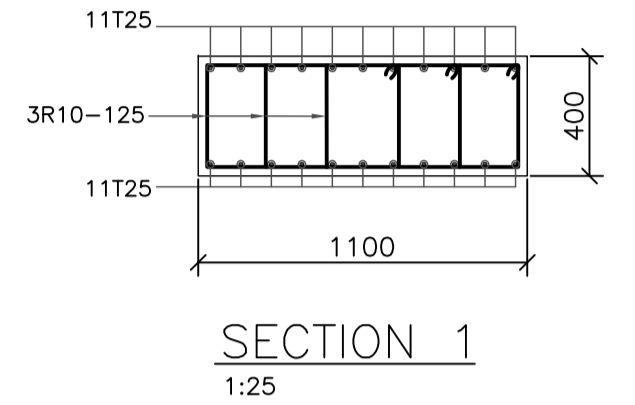
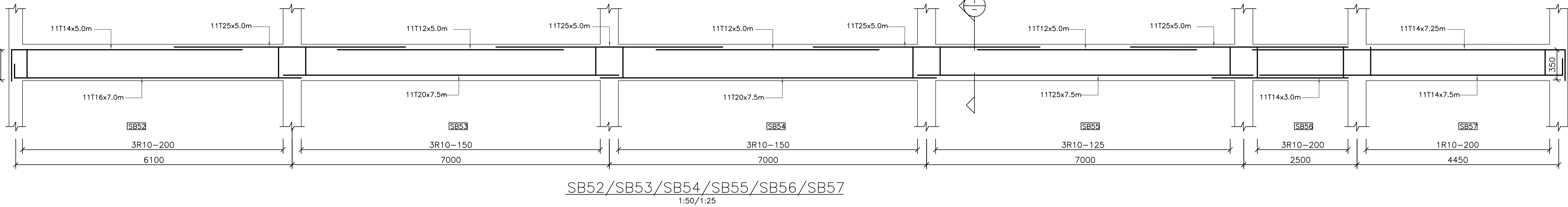
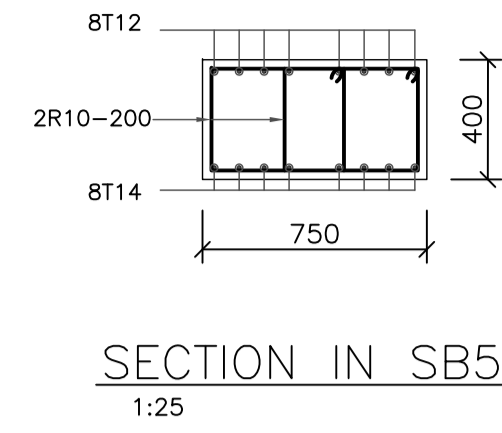
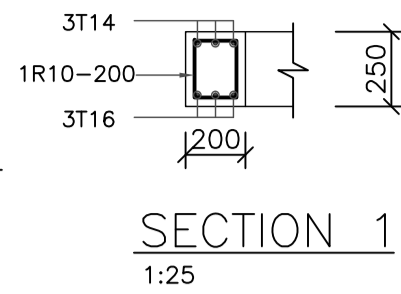
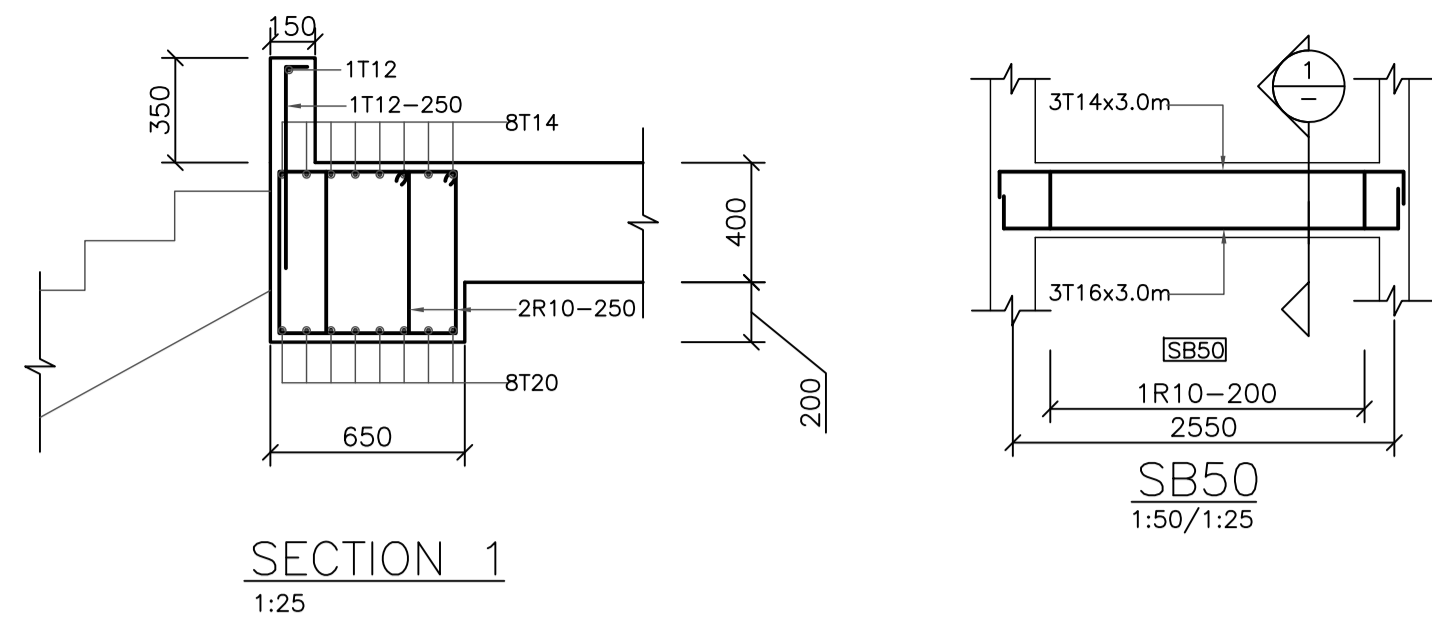
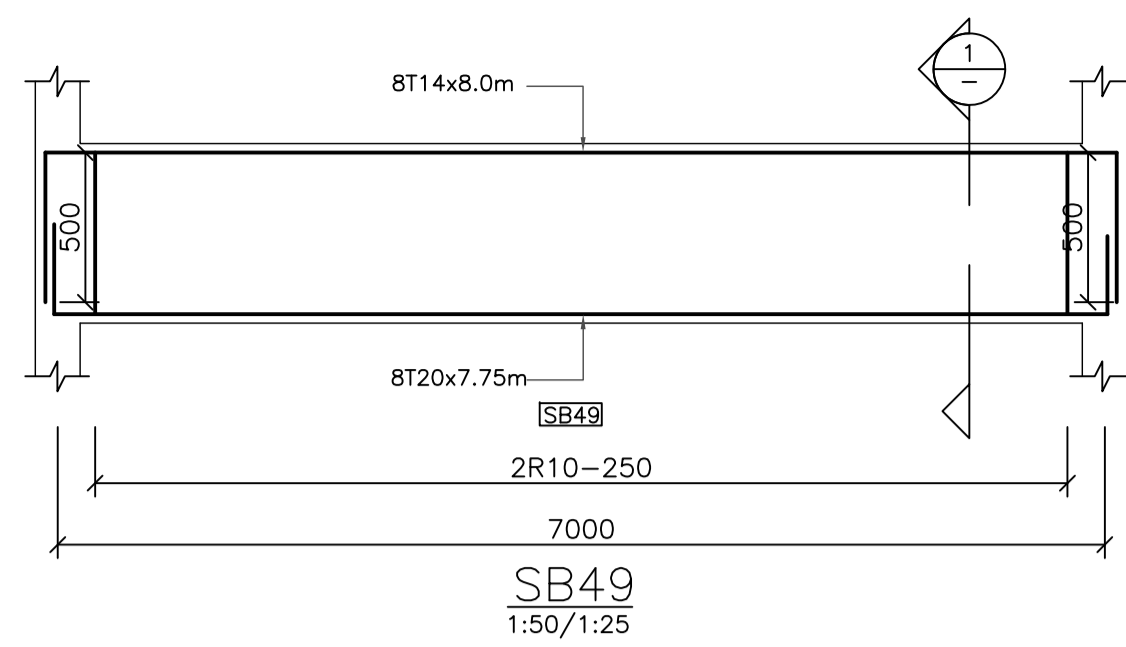
NOTES:



PHASE III  
PACKAGE 2  
HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME:  
SECOND FLOOR FRAMING PLAN  
BEAMS (SHEET 3 OF 5)

Design: M.N.  
Scale: 1:50/1:25  
Date: June 2019  
Checked: W.Z.  
Approved: W.Z.  
Drawing Number: SKEP 16-SSB509  
Rev: 0



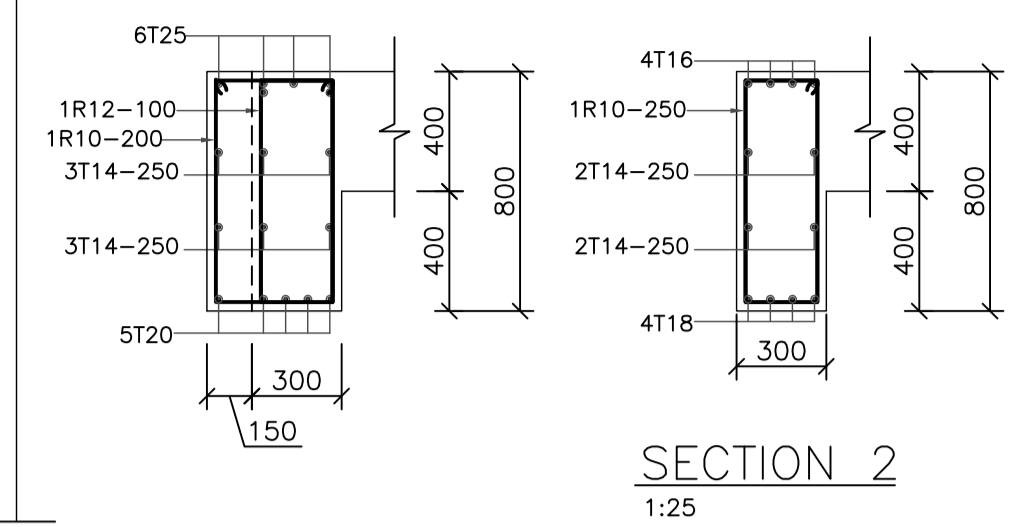
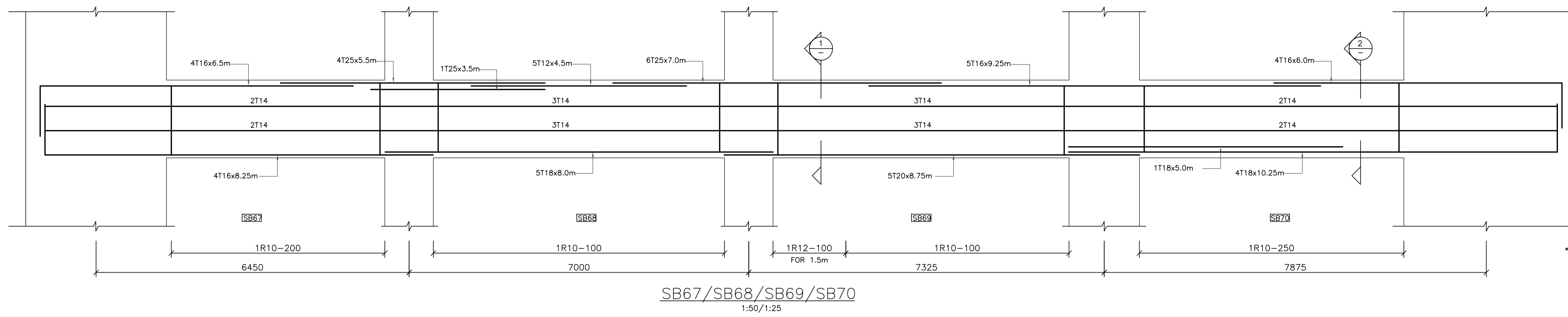
REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

NOTES:

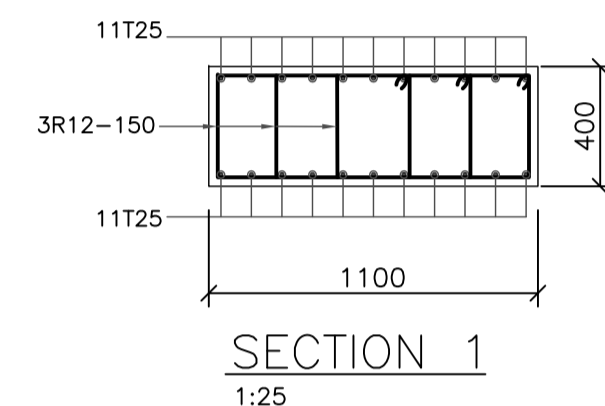
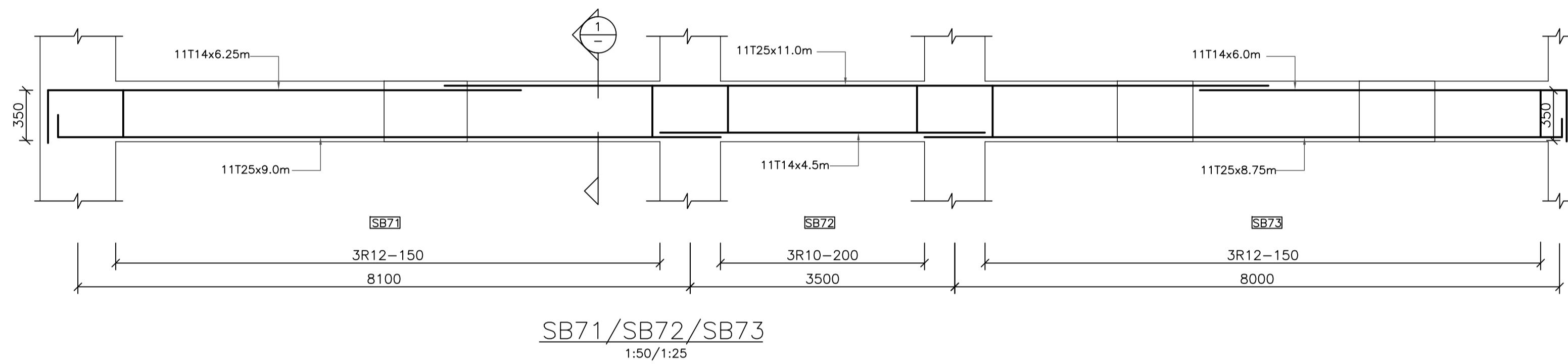


PHASE III HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
 PACKAGE 2 SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

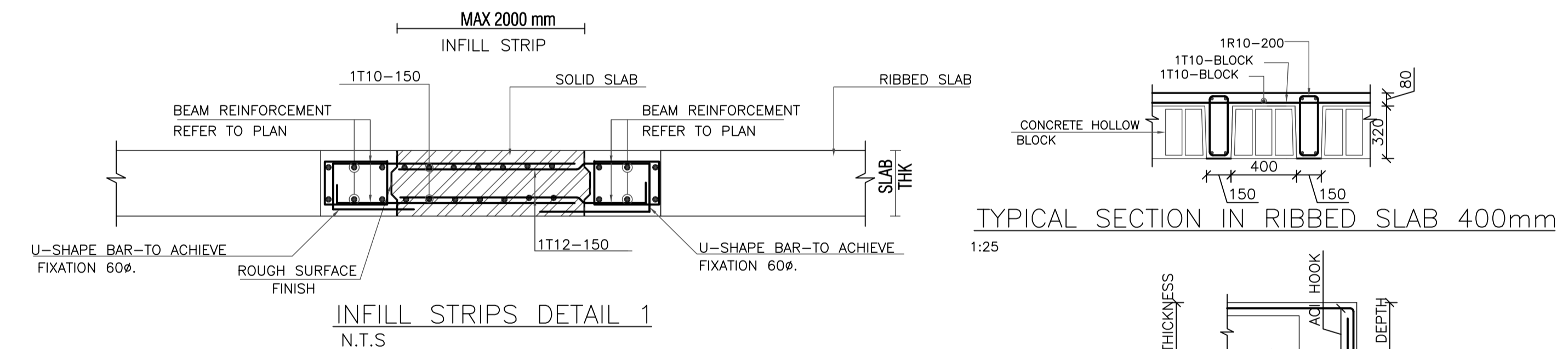
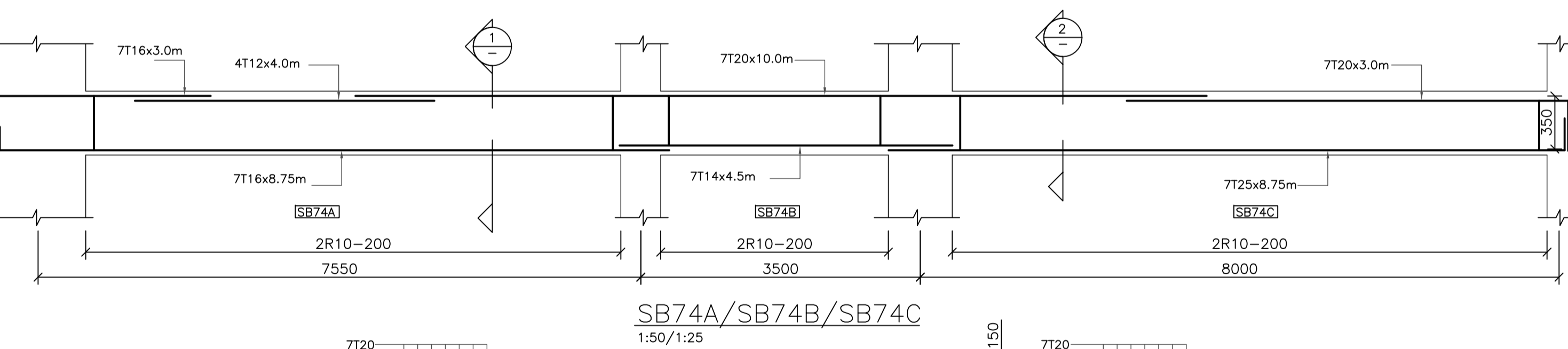
DRAWING NAME:		Design:	Drawn:	Checked:	North
SECOND FLOOR FRAMING PLAN BEAMS (SHEET 4 OF 5)		M.N.	CAD		
PLOT No 99 LOCATION AL NABI HOOD BASIN NO 003-AL HAMRA		Scale: 1:50/1:25	Date: June 2019	Approved: W.Z.	
DRAWING NUMBER: SKEP 16-SSB510		Rev.: 0			



SECTION 1  
1:25  
\* FOR EXTENSION (150mm) LOCATION REFER TO PLAN IN DRAWING SSP404



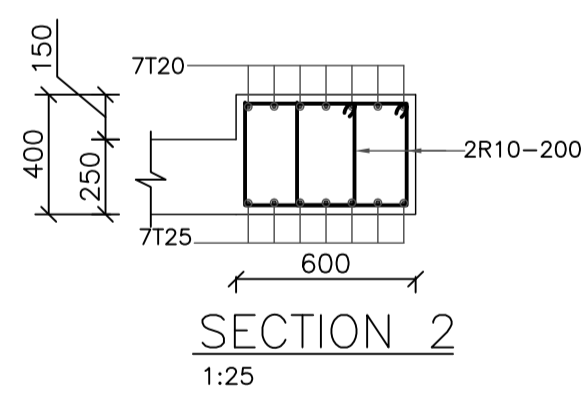
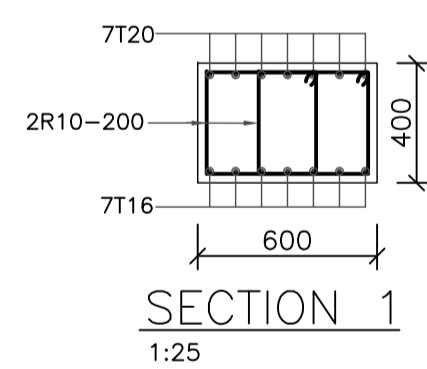
SB71/SB72/SB73  
1:50/1:25



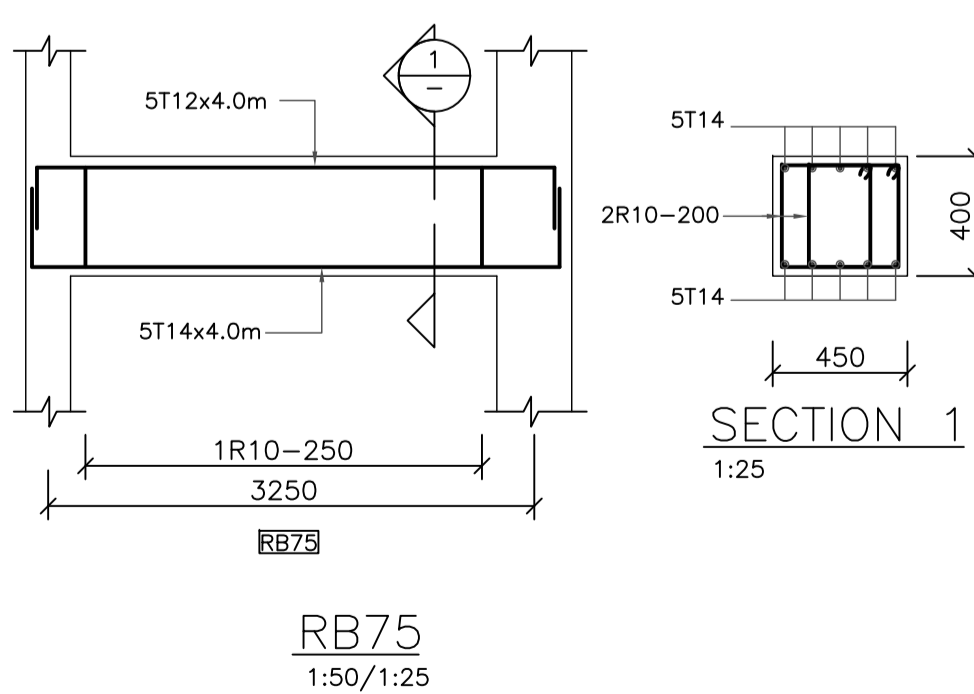
TYPICAL SECTION IN RIBBED SLAB 400mm  
1:25

TYPICAL RIBBED & SOLID SLAB END CONNECTION WITH EDGE BEAM  
1:25

- THE INFILL STRIP TO BE CAST 60 DAYS LATER THAN THE ADJACENT UNIT TO REESTABLISH CONTINUITY. LOW W/C RATIO SHALL BE ADOPTED WHEN CASTING THE INFILL STRIPS.
- IT IS NECESSARY TO LAP THE REINFORCING BARS WITHIN THE STRIP AS SHOWN IN THE ABOVE FIGURE.
- CONTINUOUS SUPPORT SYSTEMS (SUCH AS FORMWORK, BRACING, OR FULL SUPPORT) MUST BE USED TO ASSURE THE STABILITY OF STRUCTURE AND SHOULD INTACT THE STABILITY AND ALIGNMENT OF ADJOINING PARTS OF THE BUILDING.
- THE EXPOSED REINFORCING BARS IN THE INFILL STRIP SHALL BE PRIMED WITH CONCESSIVE (SINGLE COMPONENT EPOXY BASED ZINC RICH PRIMER FOR STEEL) PROVIDING ACTIVE GALVANIC PROTECTION STEEL.
- INFILL STRIPS SHALL BE CAST FLOOR BY FLOOR.
- THE PREVIOUSLY CAST PARTS SHALL BE PREPARED THROUGH CONVENTIONAL ROUGH CHAMFERED EDGE FOR THE BETTER ADHERENCE WITH THE SHRINKAGE STRIP.

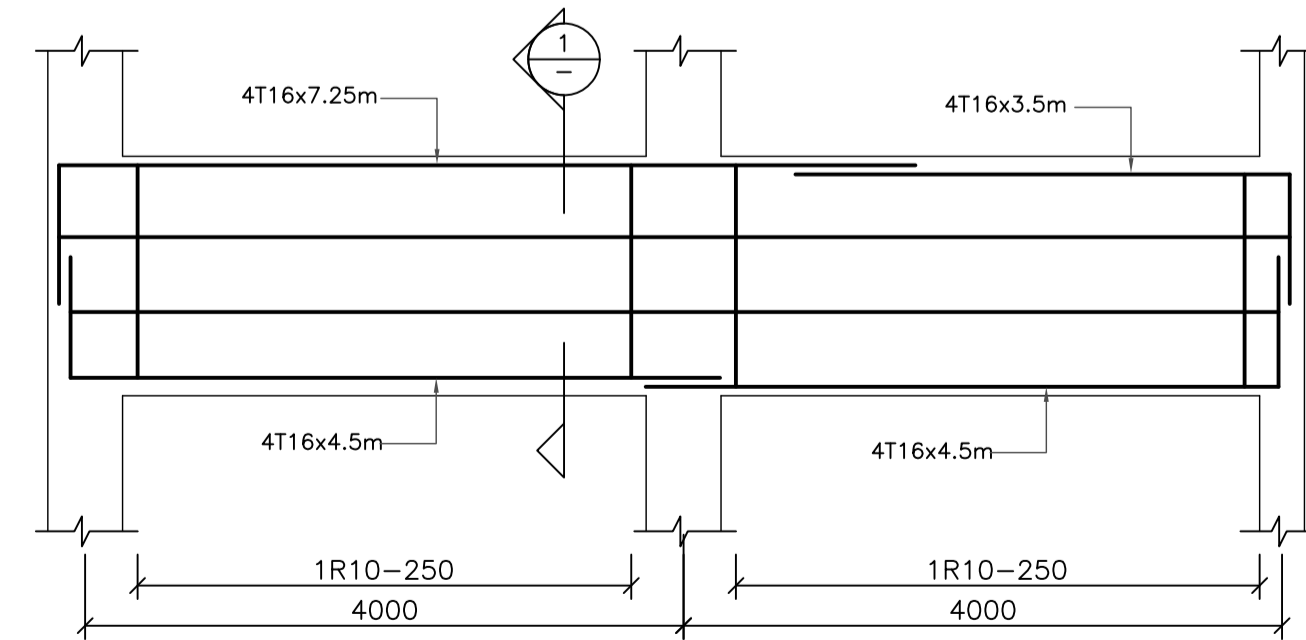


SB74A/SB74B/SB74C  
1:50/1:25



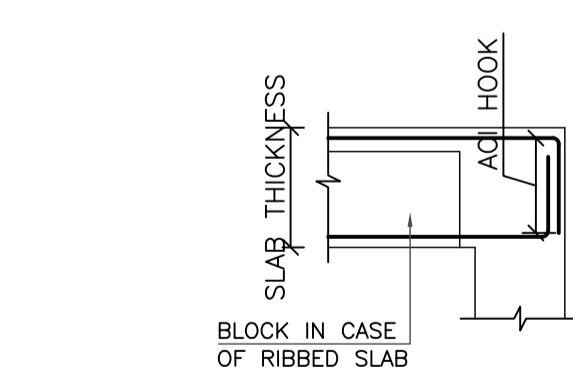
SECTION 1  
1:25

RB75  
1:50/1:25

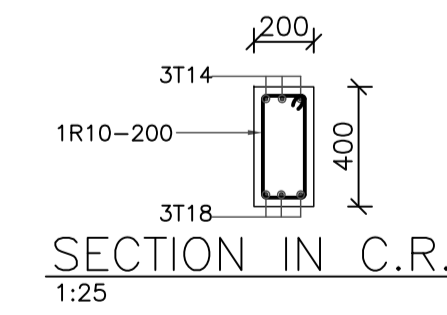


SECTION 1  
1:25

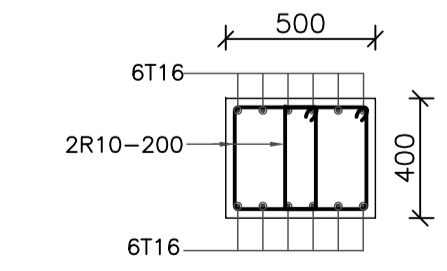
RB76/RB77  
1:50/1:25



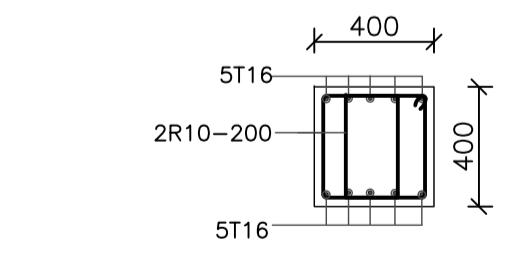
TYPICAL RIBBED & SOLID SLAB END CONNECTION WITH WALL  
1:25



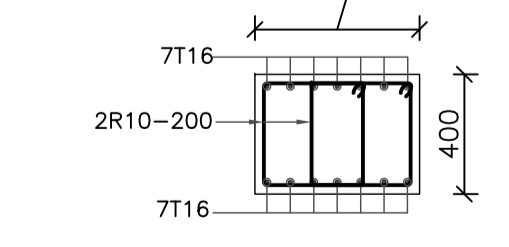
SECTION IN C.R.  
1:25



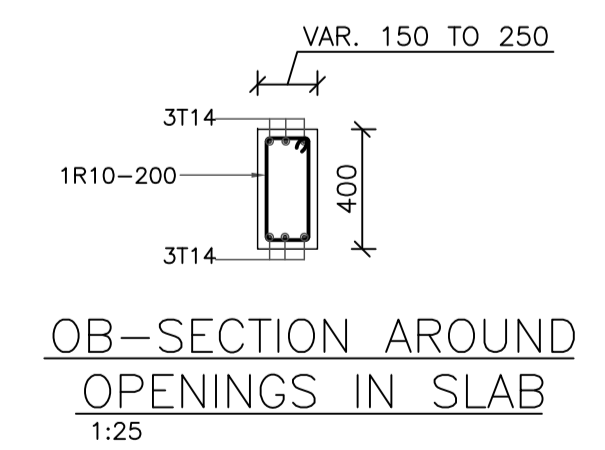
SECTION IN D.R. 500mm  
1:25



SECTION IN D.R. 400mm  
1:25



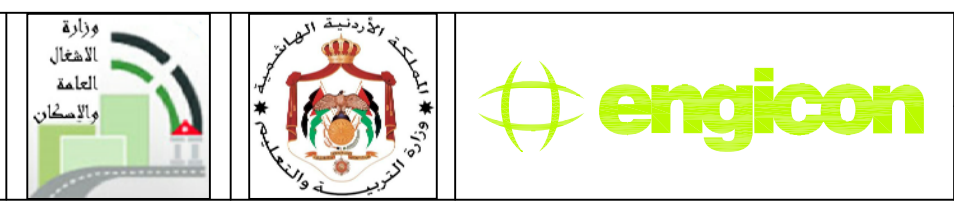
SECTION IN D.R. 550mm&600  
1:25



OB-SECTION AROUND OPENINGS IN SLAB  
1:25

REV.	DATE	REMARKS
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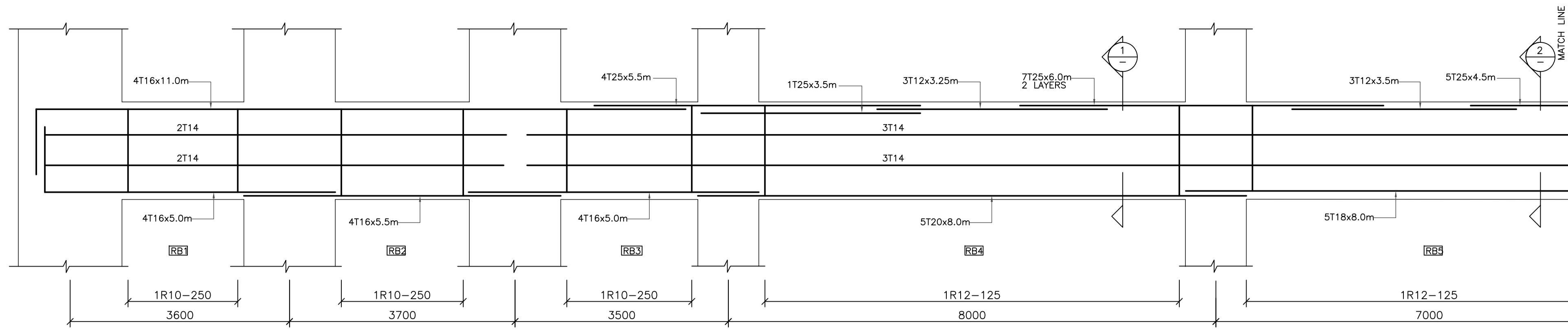
NOTES:  
0 June 2019 VOL. IV - TENDER DRAWINGS



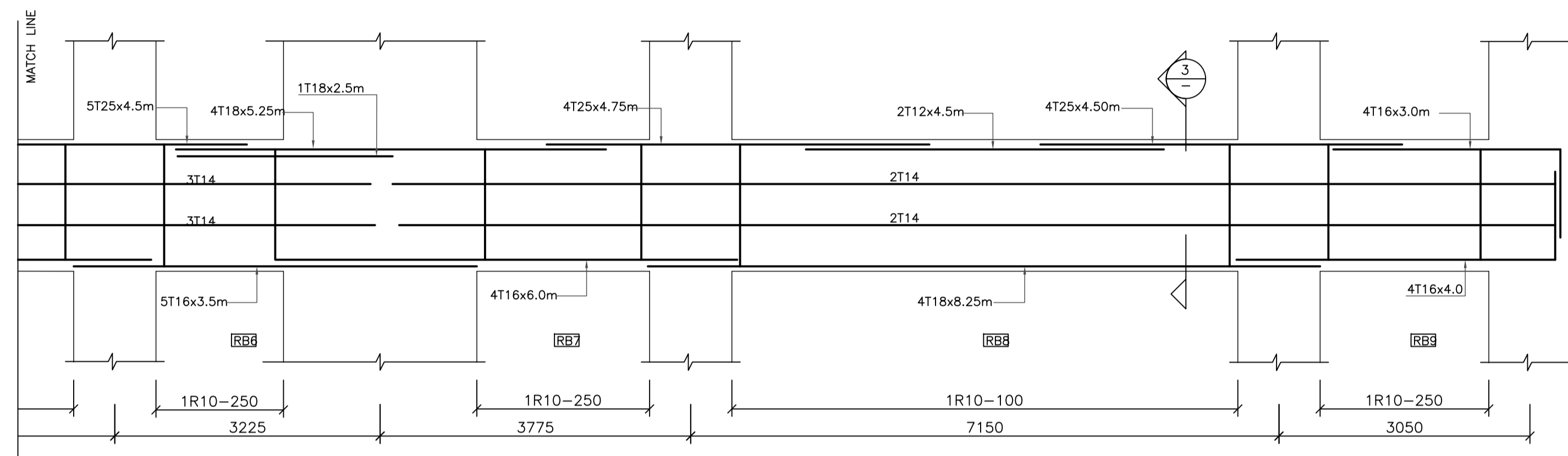
PHASE III HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
PACKAGE 2 SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME: SECOND FLOOR FRAMING PLAN BEAMS (SHEET 5 OF 5)  
Scale: 1:50/1:25  
PLOT No: 99 LOCATION: AL NABI HOOD BASIN NO: 003-AL HAMRA DRAWING NUMBER: SKEP 16-SSB511

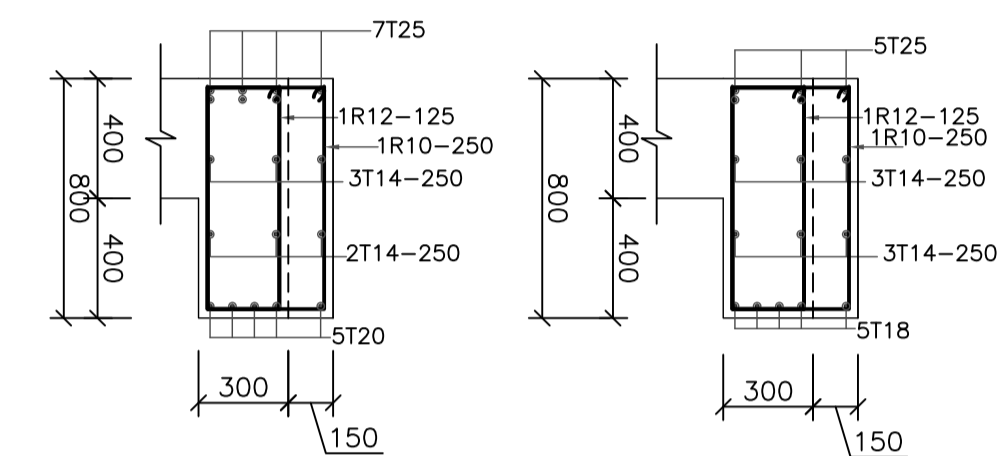
Design: M.N. Drawn: CAD Checked: W.Z. Date: June 2019 Approved: W.Z. Rev: 0



RB1/RB2/RB3/RB4/RB5/RB6/RB7/RB8/RB9  
1:50/1:25



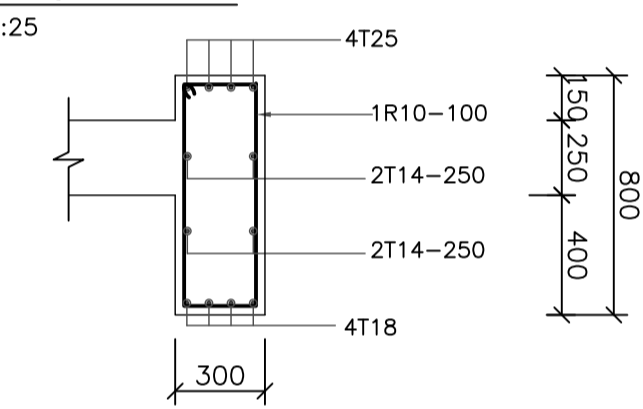
RB1/RB2/RB3/RB4/RB5/RB6/RB7/RB8/RB9  
1:50/1:25



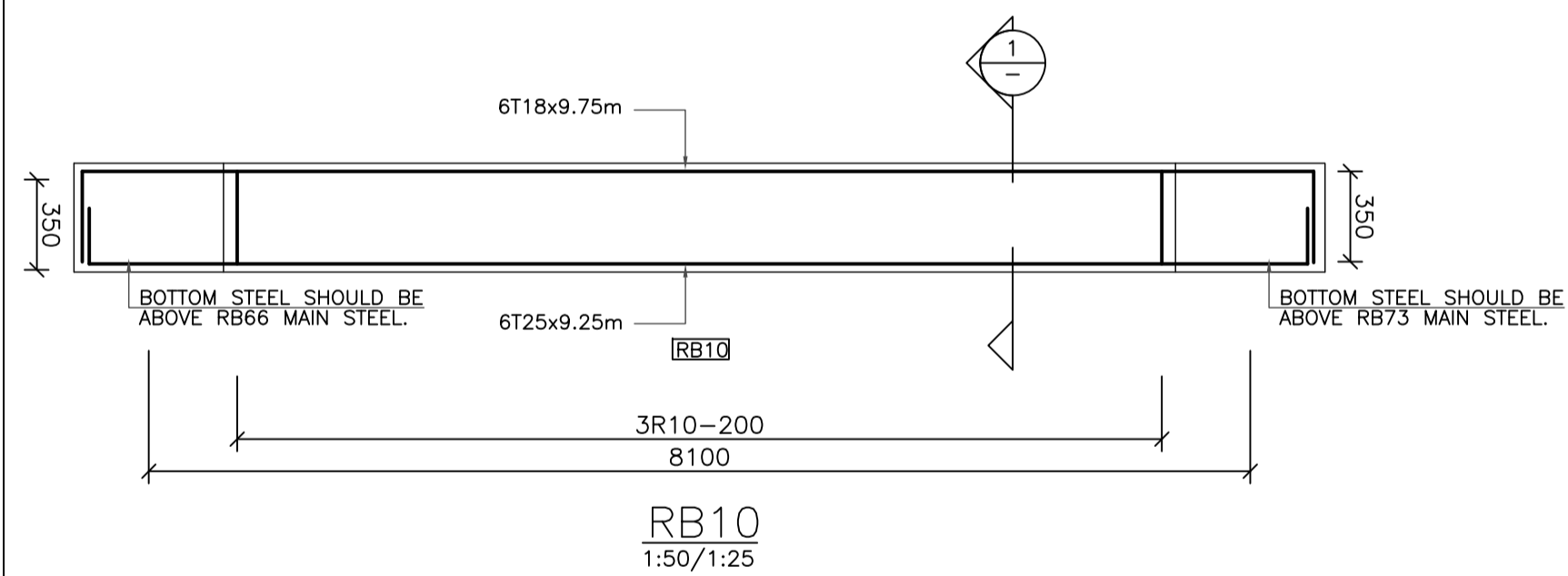
\* FOR EXTENSION (150mm) LOCATION REFER TO PLAN IN DRAWING SSP405

SECTION 1  
1:25

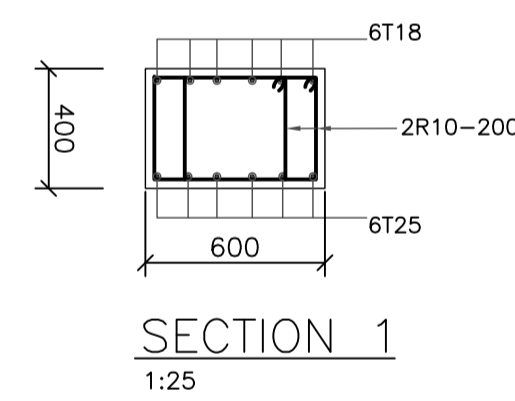
SECTION 2  
1:25



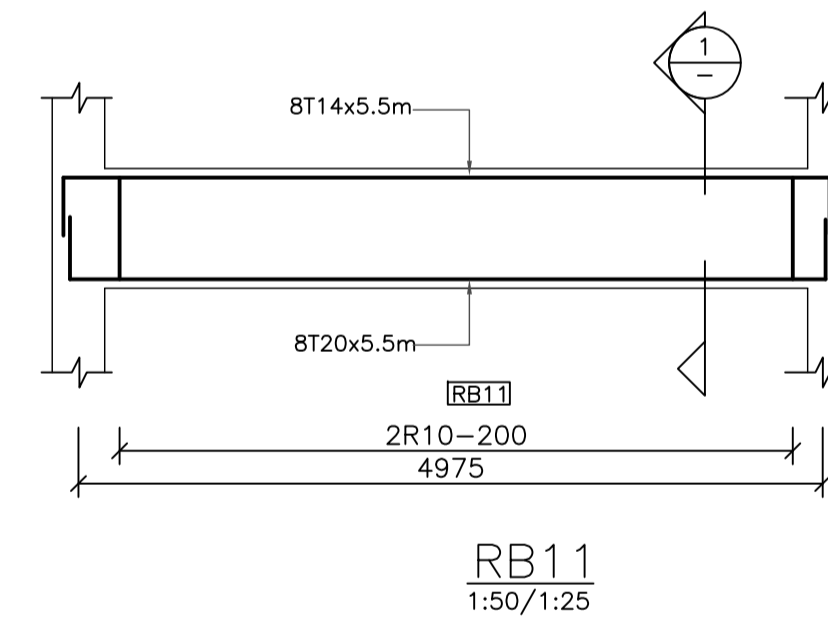
SECTION 3  
1:25



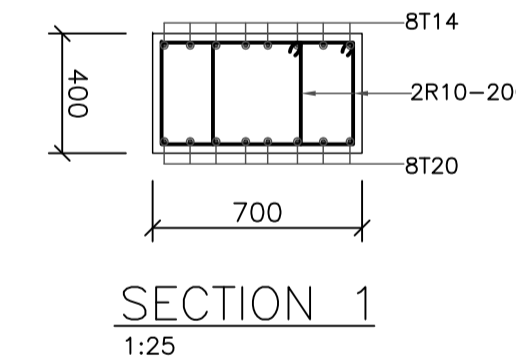
RB10  
1:50/1:25



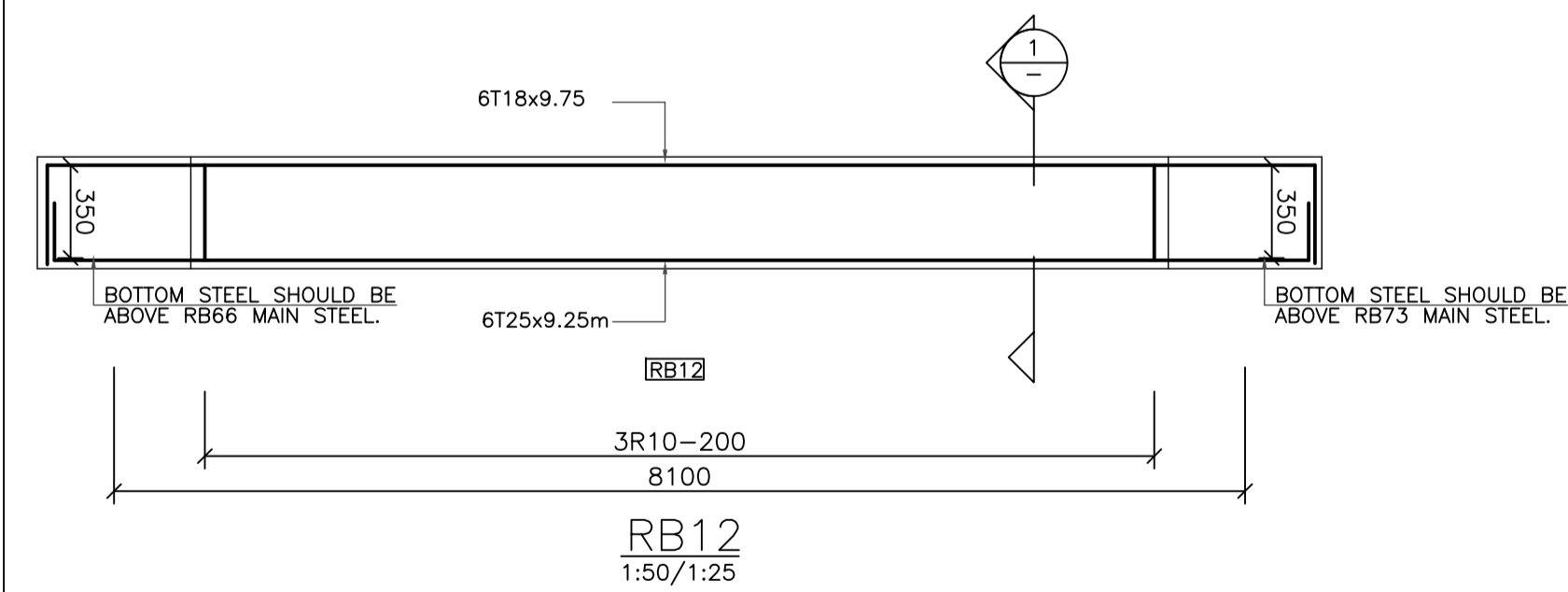
SECTION 1  
1:25



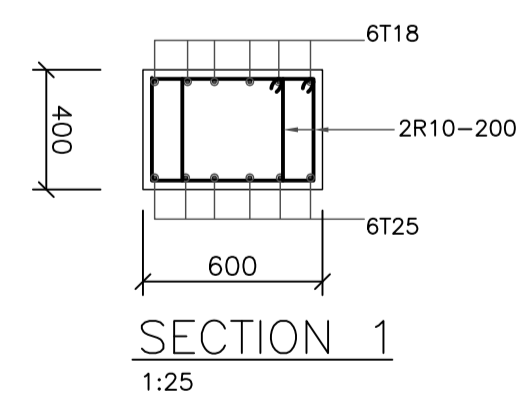
RB11  
1:50/1:25



SECTION 1  
1:25



RB12  
1:50/1:25



SECTION 1  
1:25

NOTES:



**USAID**  
FROM THE AMERICAN PEOPLE



PHASE III  
PACKAGE 2

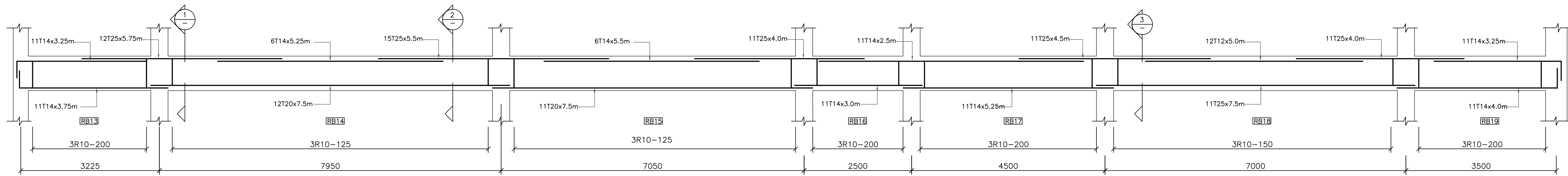
HAY AL ISKAN BASIC MIXED SCHOOL  
(JERASH)  
SCHOOLS FOR A KNOWLEDGE ECONOMY  
PROJECT (USAID SKEP)

DRAWING NAME:  
ROOF FLOOR FRAMING PLAN  
BEAMS (SHEET 1 OF 5)

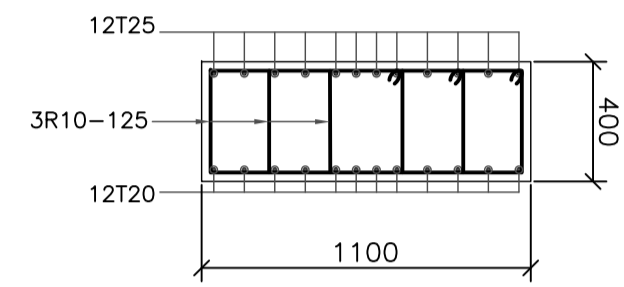
Design: M.N.  
Scale: 1:50/1:25  
Drawn: CAD  
Date: June 2019  
Checked: W.Z.  
Approved: W.Z.  
DRAWING NUMBER:  
AL NABI HOOD BASIN NO 003-AL HAMRA  
SKEP 16-SSB512

REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

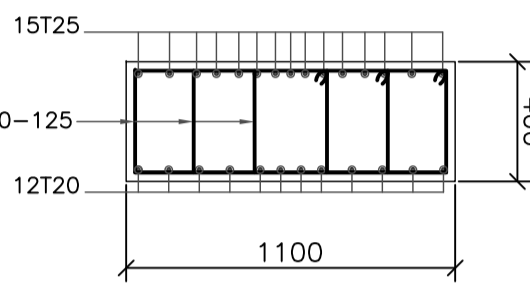




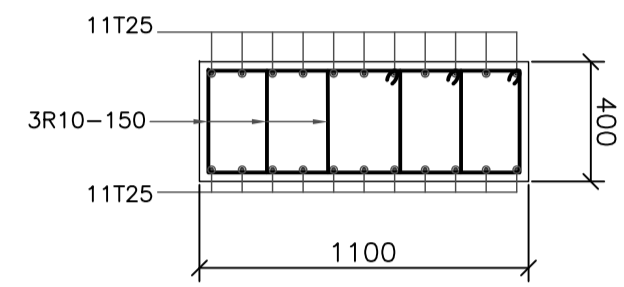
RB13/RB14/RB15/RB16/RB17/RB18/RB19  
1:50/1:25



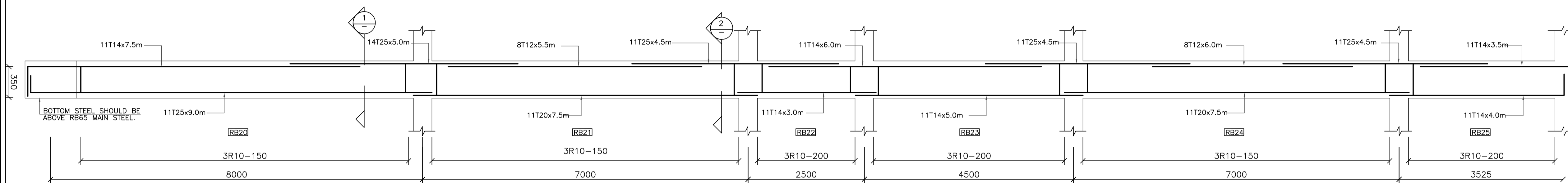
SECTION 1  
1:25



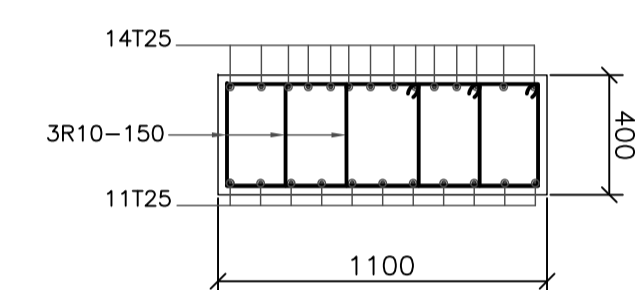
SECTION 2  
1:25



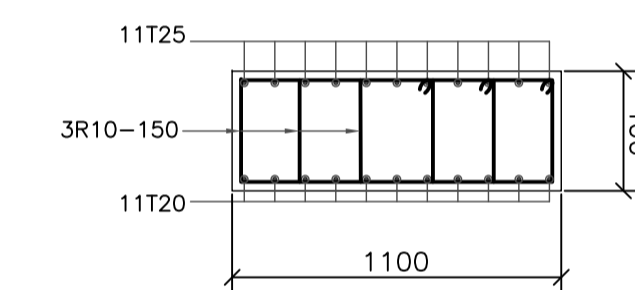
SECTION 3  
1:25



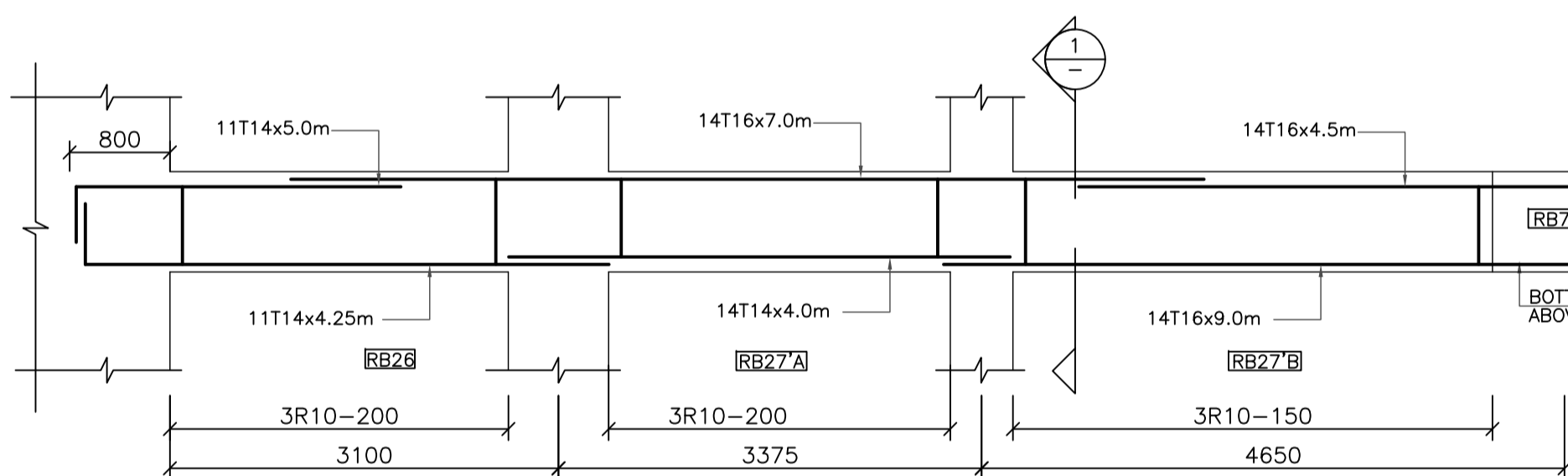
RB20/RB21/RB22/RB23/RB24/RB25  
1:50/1:25



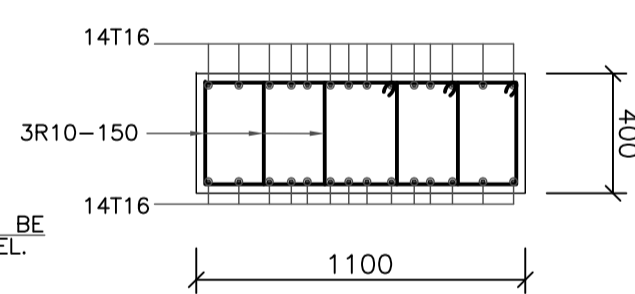
SECTION 1  
1:25



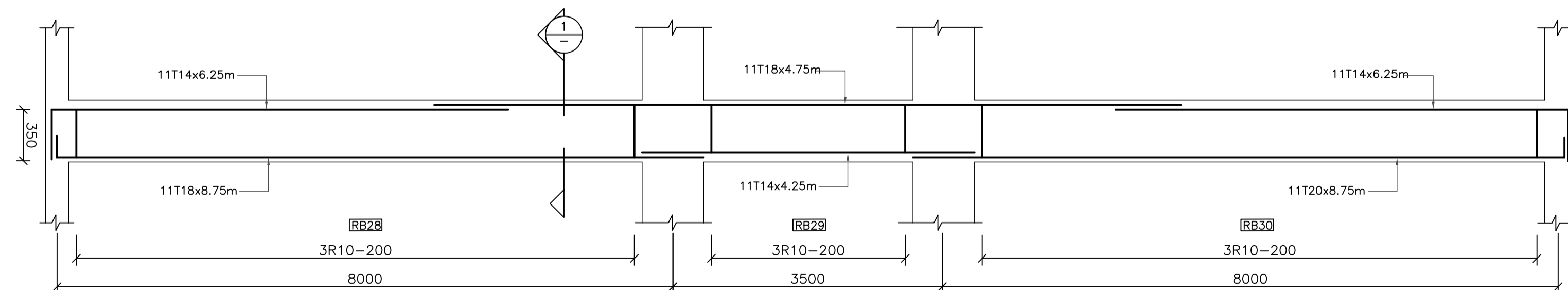
SECTION 2  
1:25



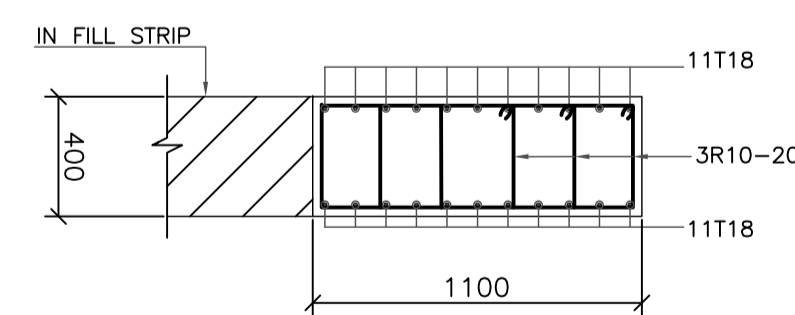
RB26/SB27A/SB27B



SECTION 1  
1:25



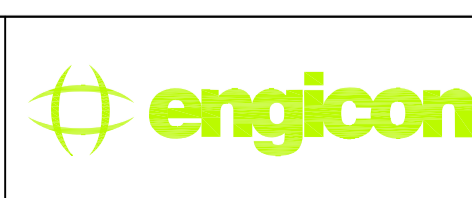
RB28/RB29/RB30  
1:50/1:25



SECTION 1  
1:25

REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

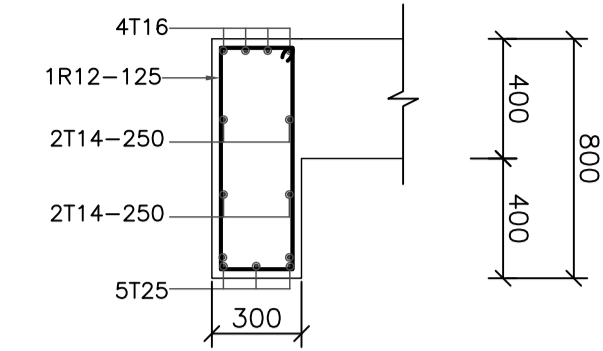
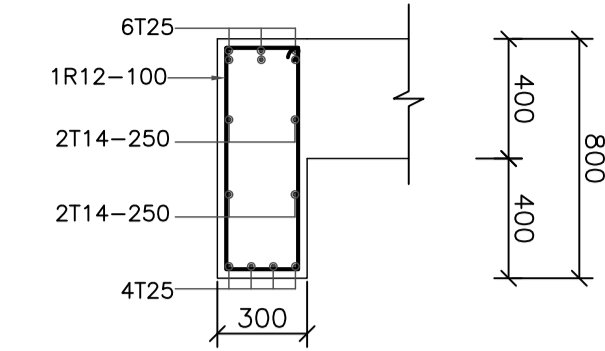
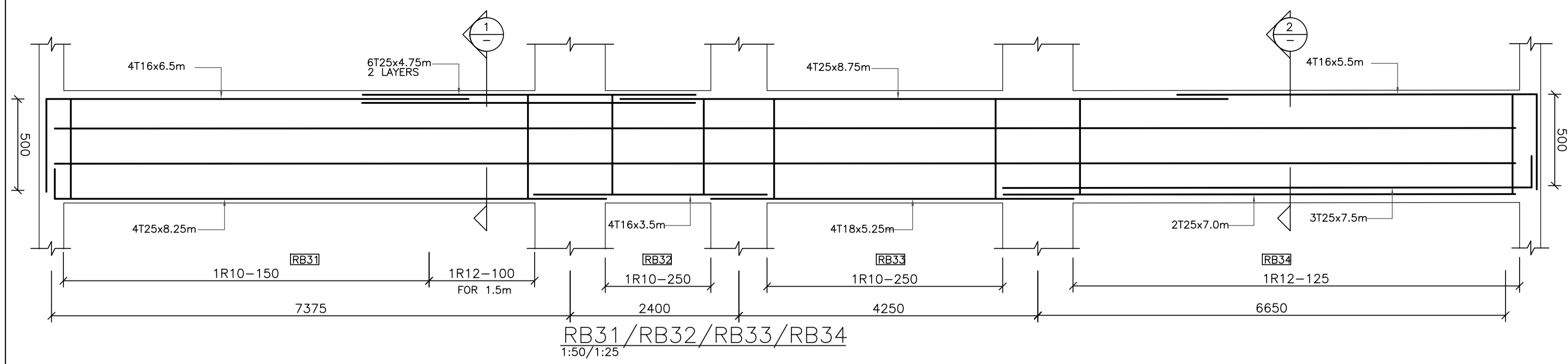
NOTES:



PHASE III HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
PACKAGE 2 SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME: ROOF FLOOR FRAMING PLAN BEAMS (SHEET 2 OF 5)  
PLOT No: 99 LOCATION: AL NABI HOOD BASIN NO: 003-AL HAMRA

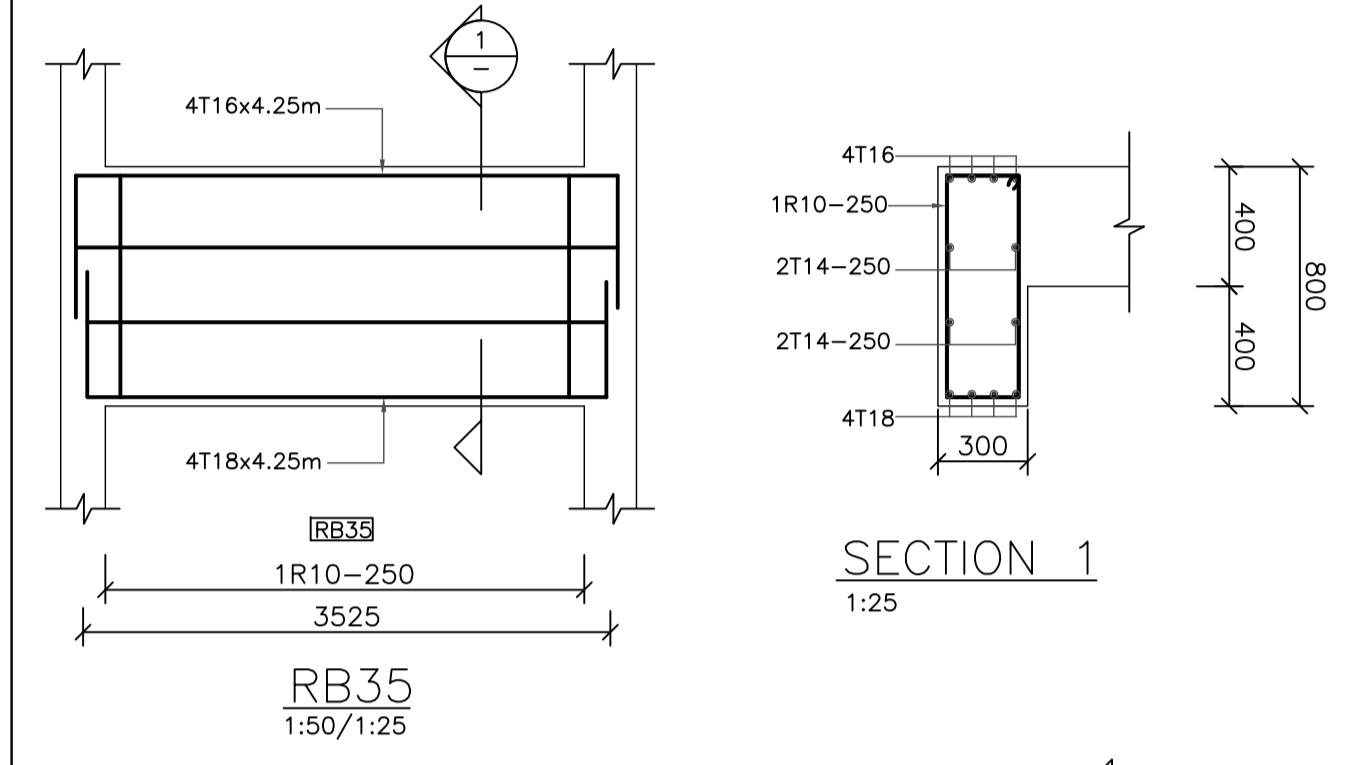
Design: M.N. Scale: 1:50/1:25  
Drawn: CAD Date: June 2019  
Checked: W.Z. Approved: W.Z.  
DRAWING NUMBER: SKEP 16-SSB513  
Rev.: 0



RB31/RB32/RB33/RB34  
1:50/1:25

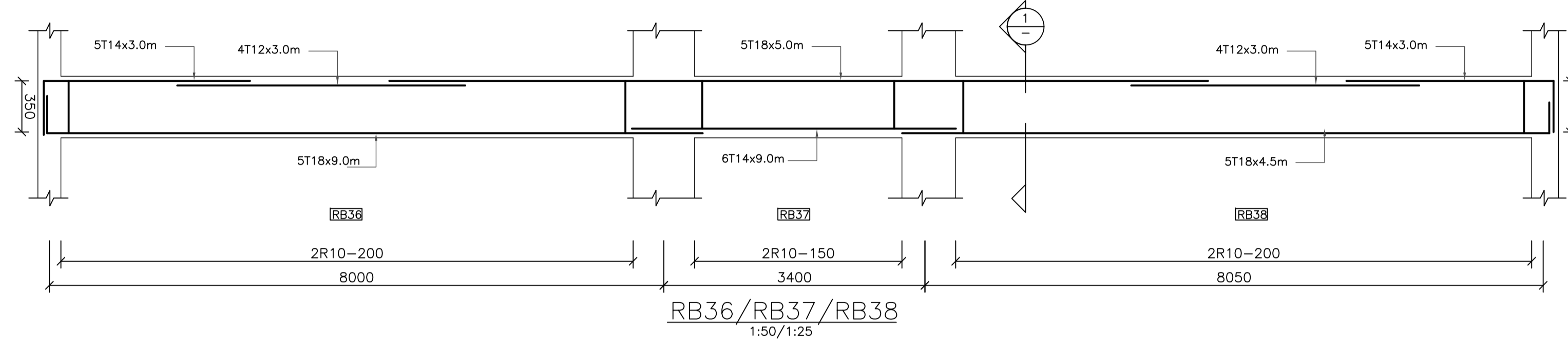
SECTION 1  
1:25

SECTION 2  
1:25

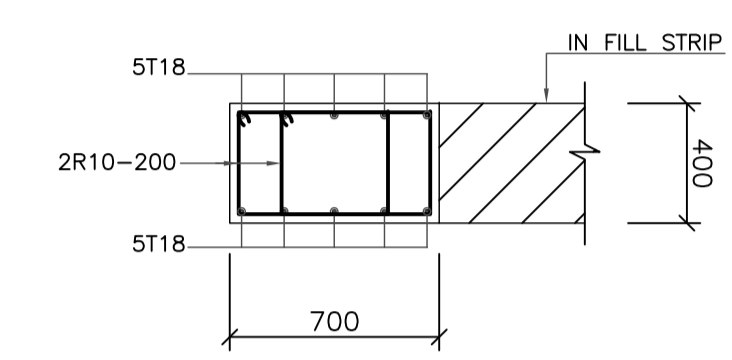


SECTION 1  
1:25

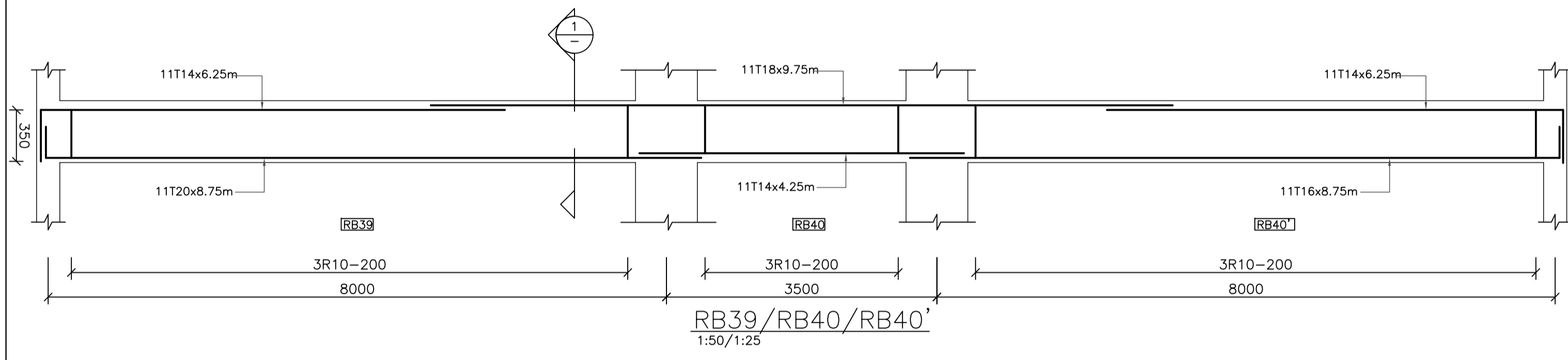
RB35  
1:50/1:25



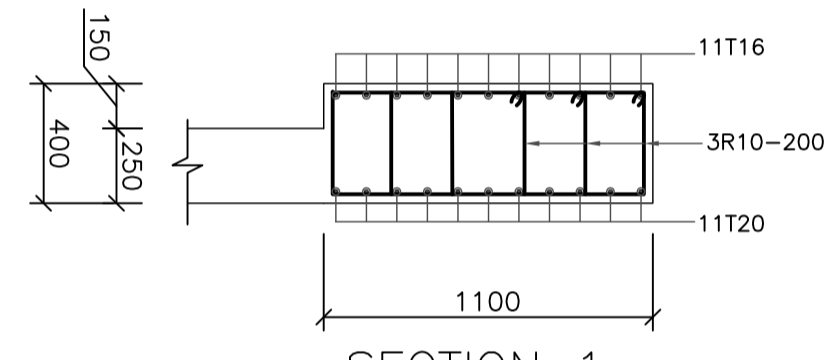
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1:50/1:25



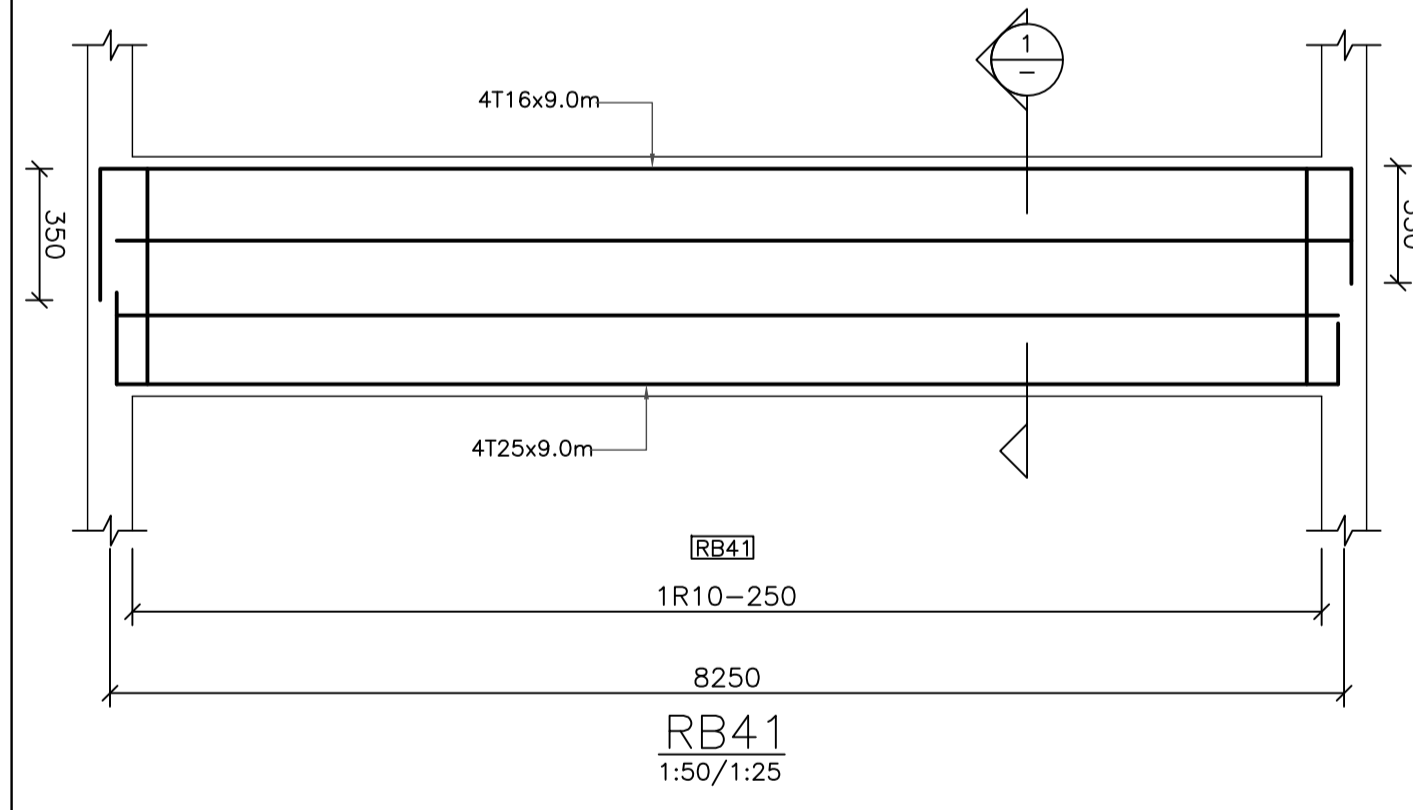
SECTION 1  
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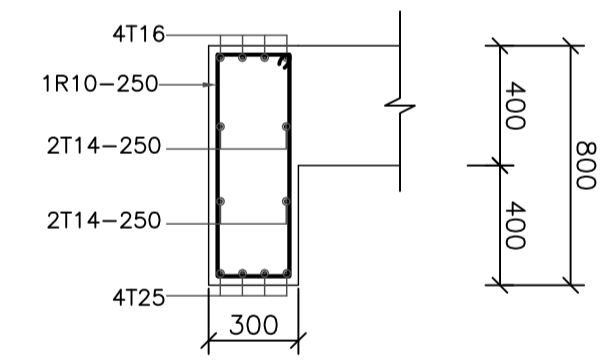
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1:50/1:25



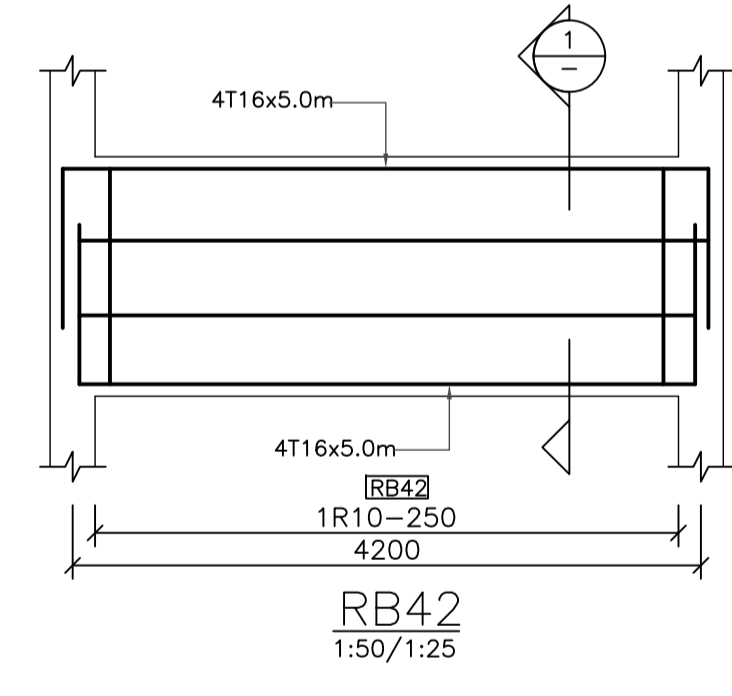
SECTION 1  
1:25



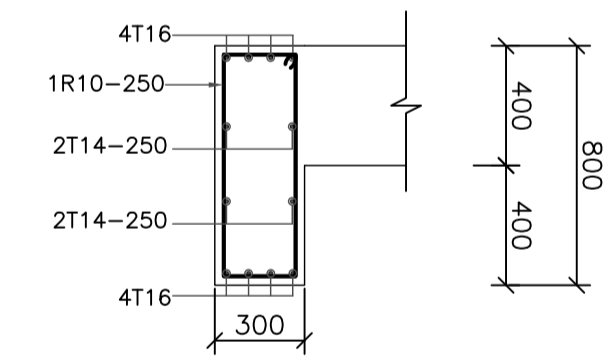
RB41  
1:50/1:25



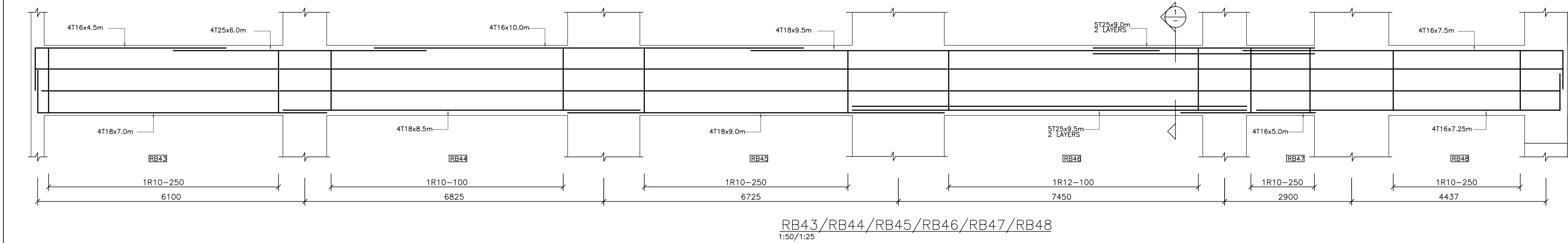
SECTION 1  
1:25



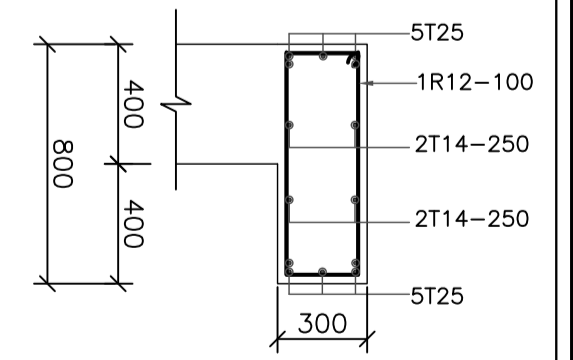
RB42  
1:50/1:25



SECTION 1  
1:25



RB43/RB44/RB45/RB46/RB47/RB48  
1:50/1:25



SECTION 1  
1:25

REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

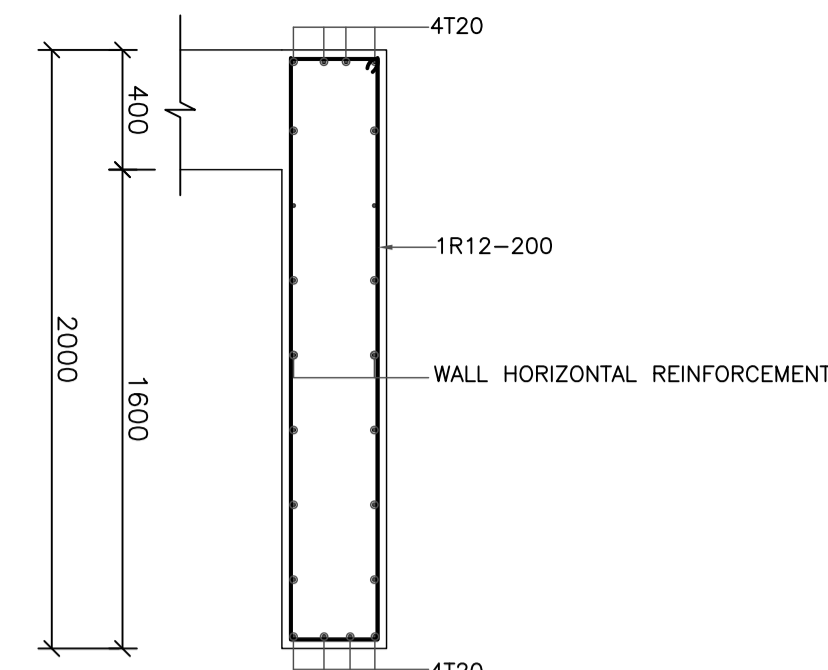
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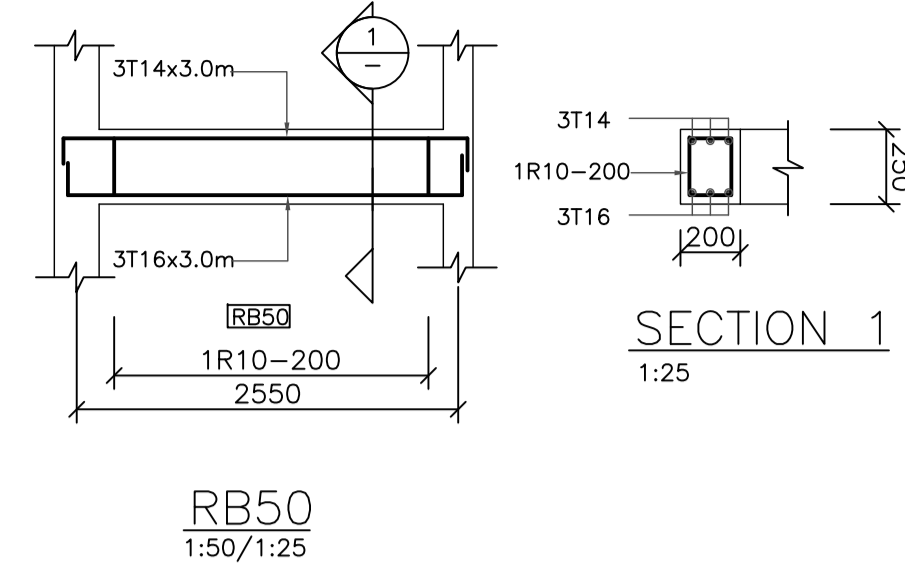
PHASE III  
PACKAGE 2  
HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME:  
ROOF FLOOR FRAMING PLAN  
BEAMS (SHEET 3 OF 5)  
PLOT No 99  
LOCATION AL NABI HOOD  
BASIN NO 003-AL HAMRA

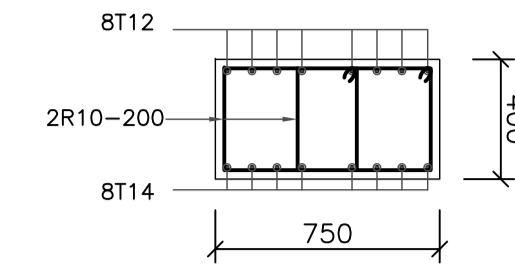
Design: M.N.  
Scale: 1:50/1:25  
Date: June 2019  
Checked: W.Z.  
Approved: W.Z.  
Drawing Number: SKEP 16-SSB514  
Rev: 0



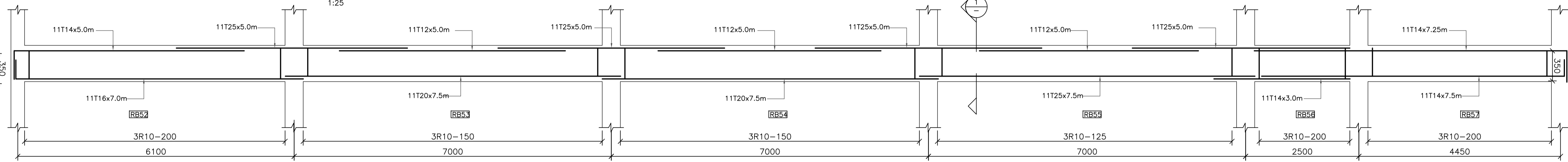
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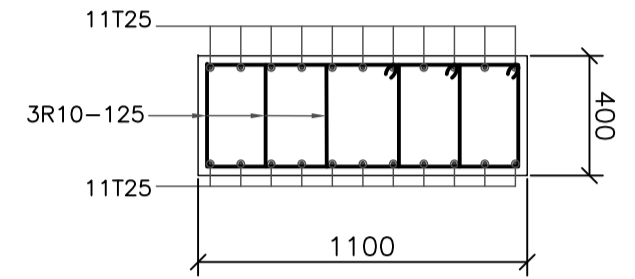
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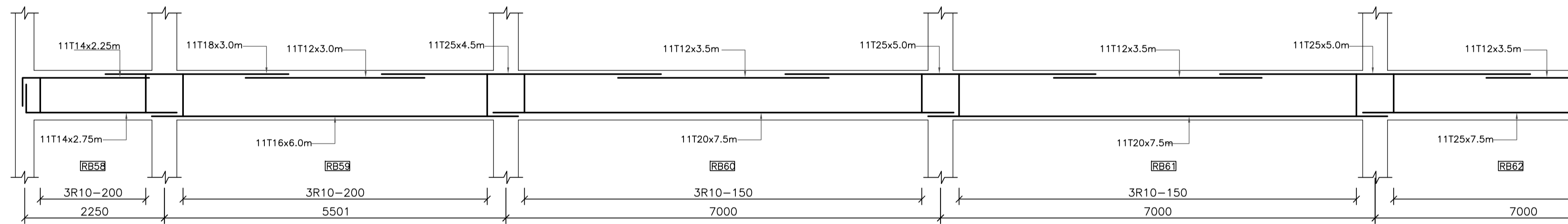
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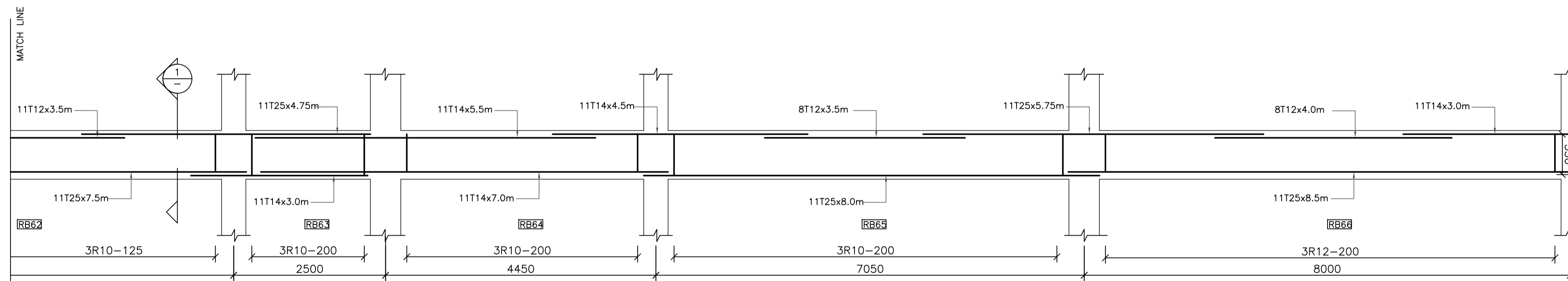
RB52/RB53/RB54/RB55/RB56/RB57  
1:50/1:25



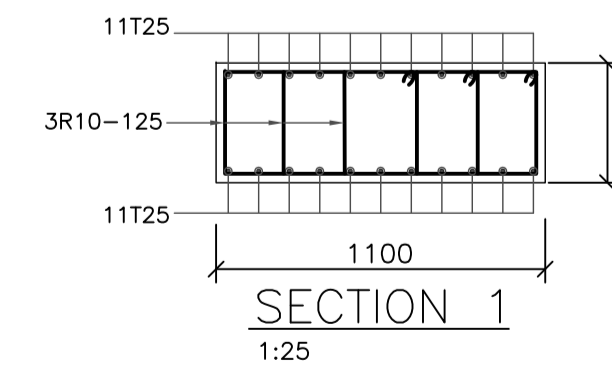
SECTION 1  
1:25



RB58/RB59/RB60/RB61/RB62/RB63/RB64/RB65/RB66  
1:50/1:25



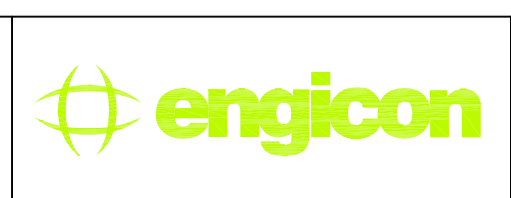
RB58/RB59/RB60/RB61/RB62/RB63/RB64/RB65/RB66  
1:50/1:25



SECTION 1  
1:25

REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

NOTES:

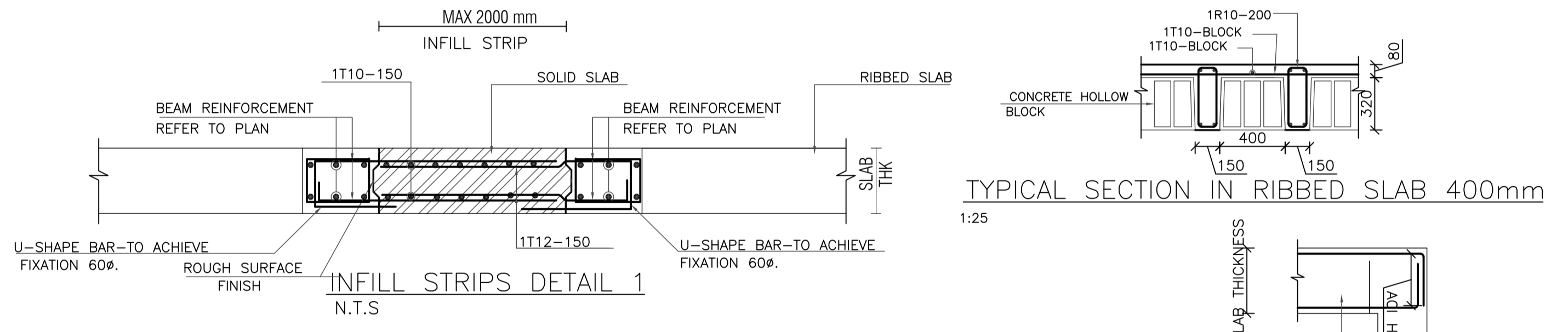
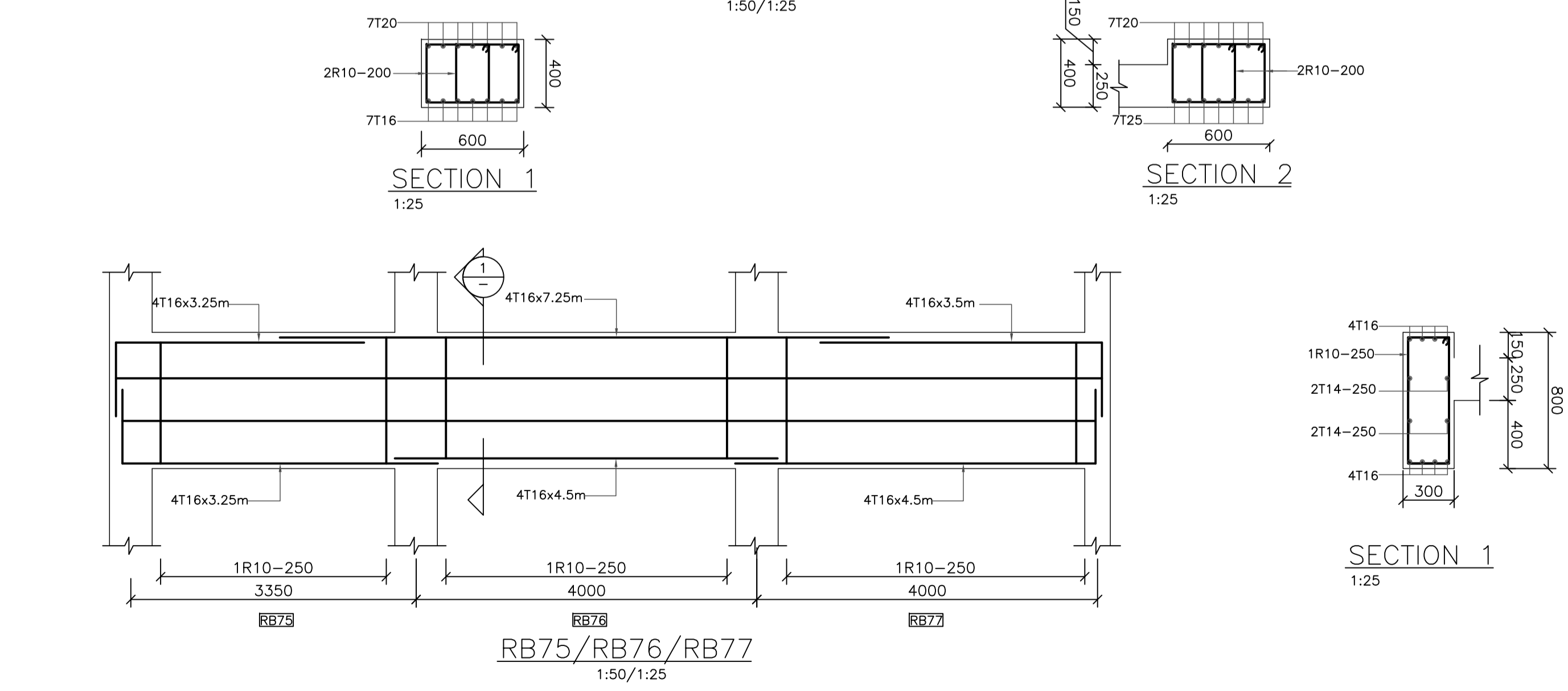
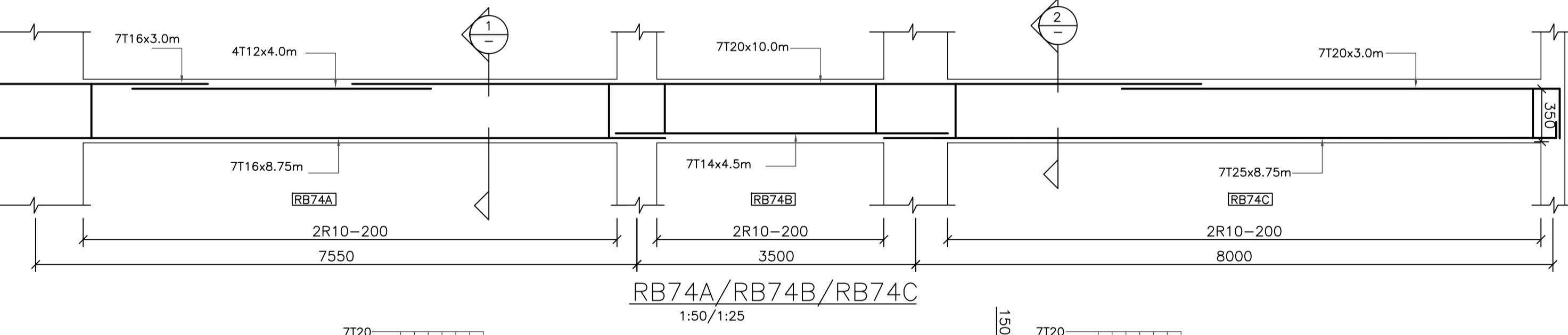
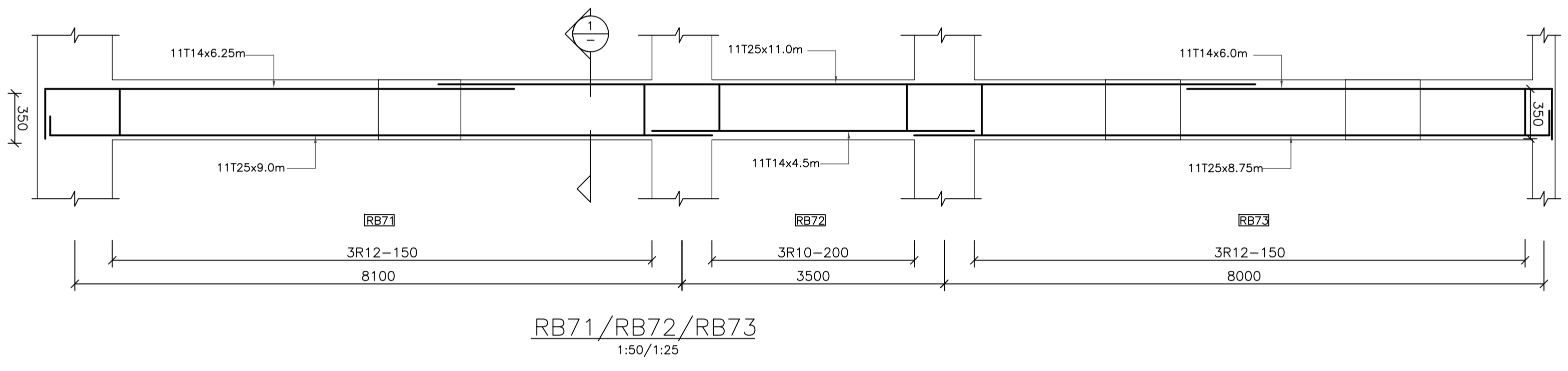
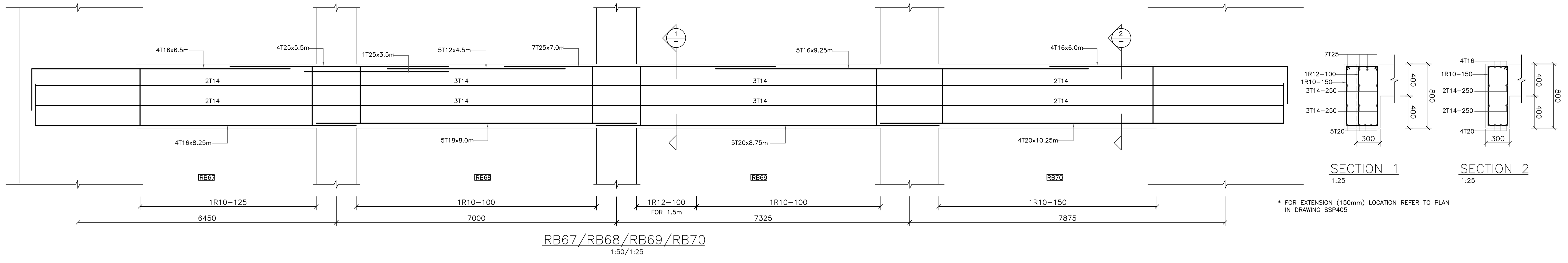


PHASE III HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
PACKAGE 2 SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

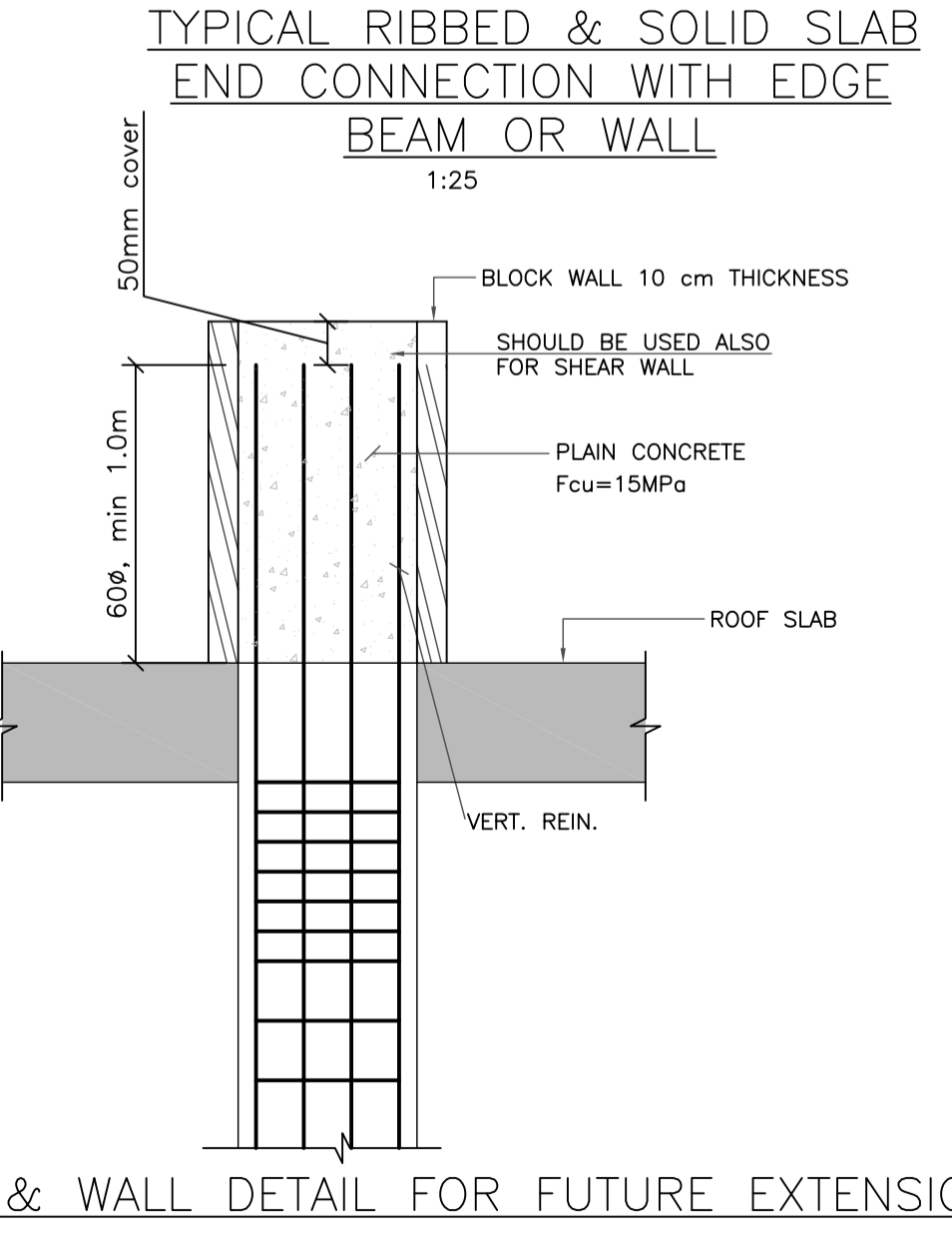
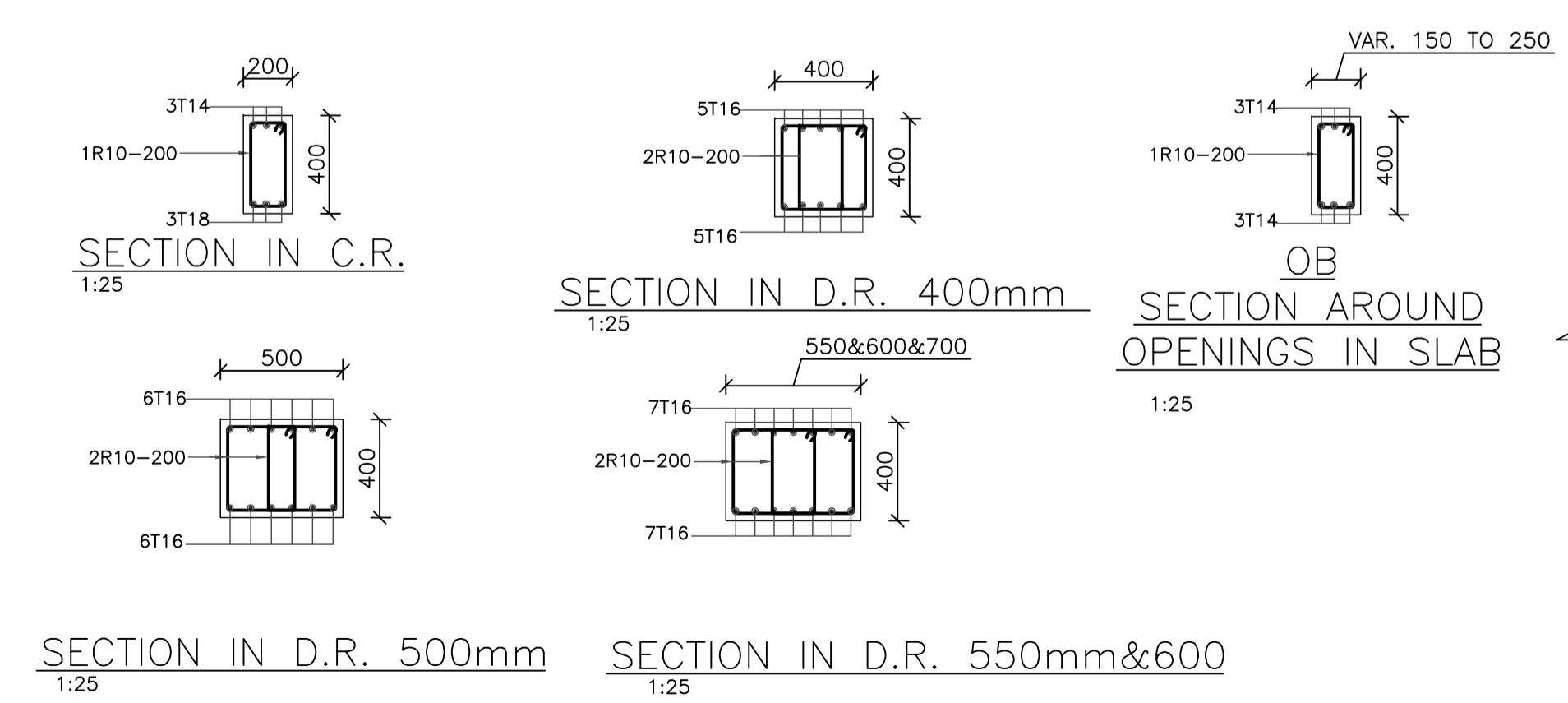
DRAWING NAME:	ROOF FLOOR FRAMING PLAN BEAMS (SHEET 4 OF 5)
DESIGN:	M.N.
SCALE:	1:50/1:25
DRAWN:	CAD
DATE:	June 2019
CHECKED:	W.Z.
APPROVED:	
DRAWING NUMBER:	SKEP 16-SSB515

PLOT No:	99	LOCATION:	AL NABI HOOD	BASIN NO:	003-AL HAMRA	Rev.:	0
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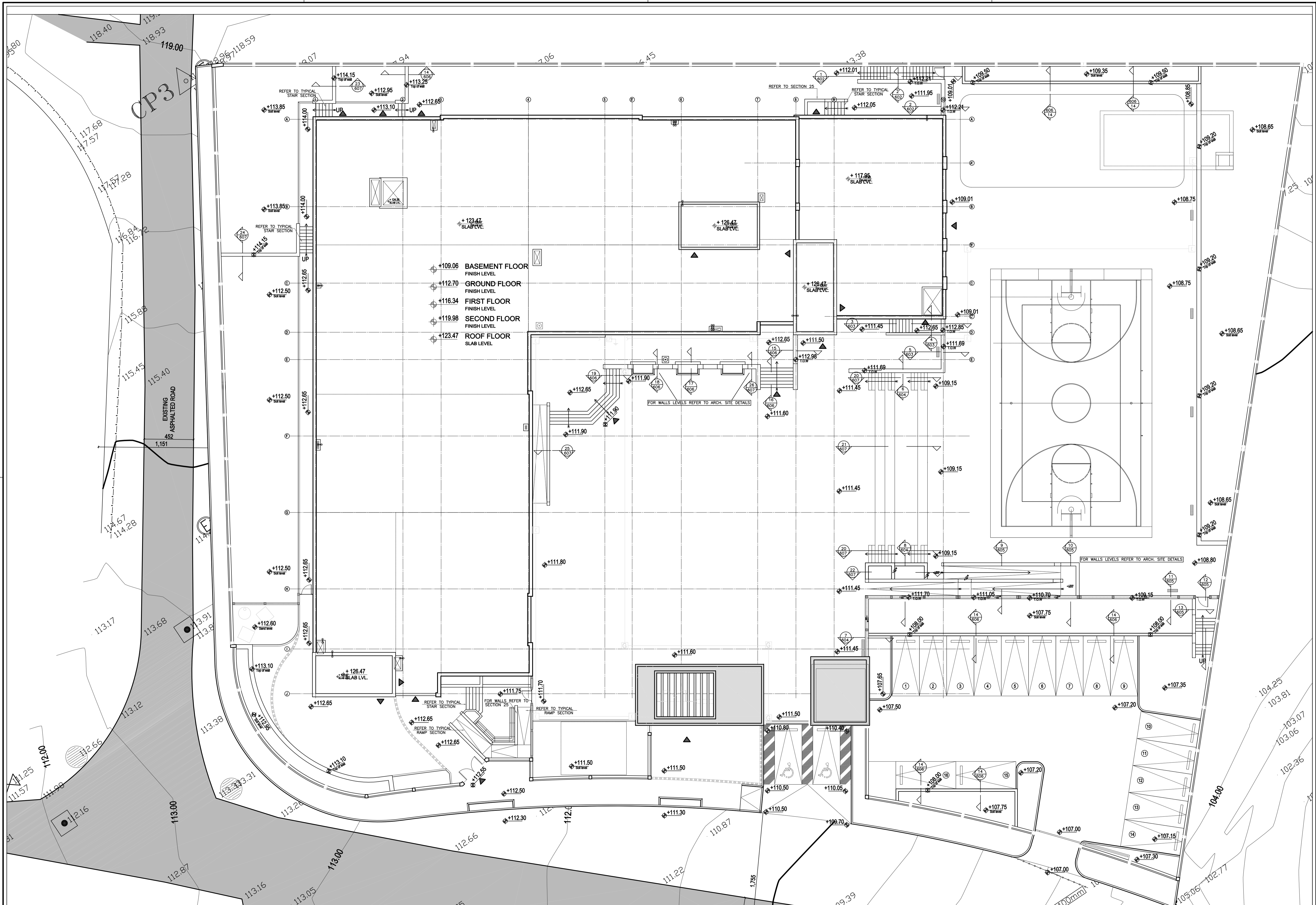


- THE INFILL STRIP TO BE CAST 60 DAYS LATER THAN THE ADJACENT UNIT TO REESTABLISH CONTINUITY. LOW W/C RATIO SHALL BE ADOPTED WHEN CASTING THE INFILL STRIPS.
- IT IS NECESSARY TO LAP THE REINFORCING BARS WITHIN THE STRIP AS SHOWN IN THE ABOVE FIGURE.
- CONTINUOUS SUPPORT SYSTEMS (SUCH AS FORMWORK, BRACING, OR FULL SUPPORT) MUST BE USED TO ASSURE THE STABILITY OF STRUCTURE AND SHOULD INTACT THE STABILITY AND ALIGNMENT OF ADJOINING PARTS OF THE BUILDING.
- THE EXPOSED REINFORCING BARS IN THE INFILL STRIP SHALL BE PRIMED WITH CONCESSIVE (SINGLE COMPONENT EPOXY BASED ZINC RICH PRIMER FOR STEEL) PROVIDING ACTIVE GALVANIC PROTECTION STEEL.
- INFILL STRIPS SHALL BE CAST FLOOR BY FLOOR.
- THE PREVIOUSLY CAST PARTS SHALL BE PREPARED THROUGH CONVENTIONAL ROUGH CHAMFERED EDGE FOR THE BETTER ADHERENCE WITH THE SHRINKAGE STRIP.



\* FOR MECHANICAL AND ELECTRICAL SHAFTS COVER SLAB ON ROOF REFER TO BOOK OF DETAILS  
DRAWING NO. MCD-01

NOTES:							PHASE III PACKAGE 2	HAY AL ISKAN BASIC MIXED SCHOOL (JERASH) SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)	DRAWING NAME: ROOF FLOOR FRAMING PLAN BEAMS (SHEET 5 OF 5)	Design: M.N. Scale: 1:50/1:25 Date: June 2019	Drawn: CAD Date: June 2019 Approved: W.Z.	Checked: W.Z. North:
REV.	DATE	REMARKS					PLOT No: 99 LOCATION: AL NABI HOOD BASIN NO: 003-AL HAMRA	DRAWING NUMBER: SKEP 16-SSB516	Rev: 0			



REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

NOTES:

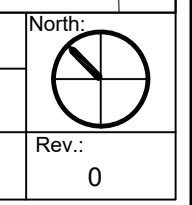


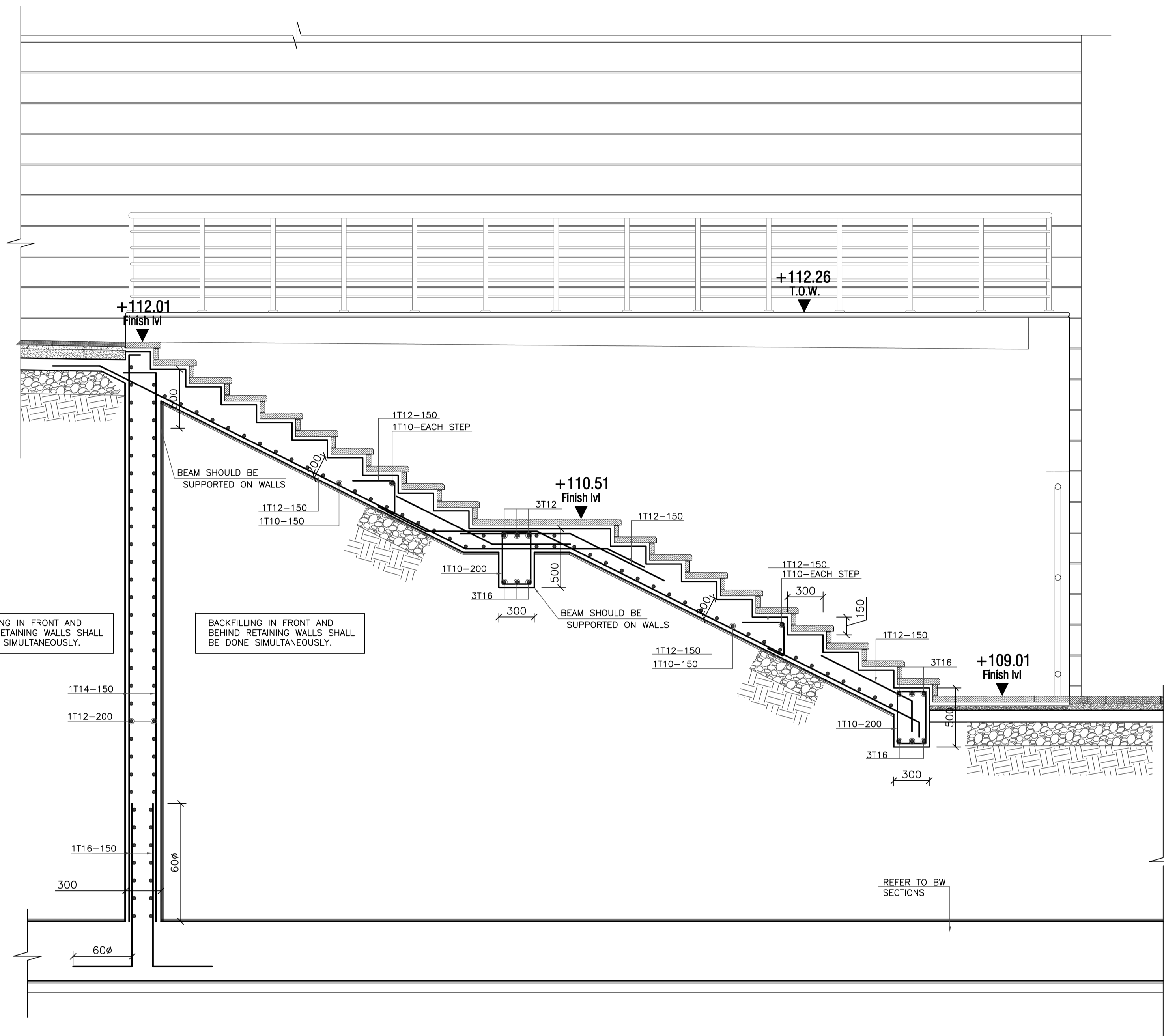
PHASE III  
 PACKAGE 2  
 HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
 SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME:  
 INTERNAL SITE PLAN

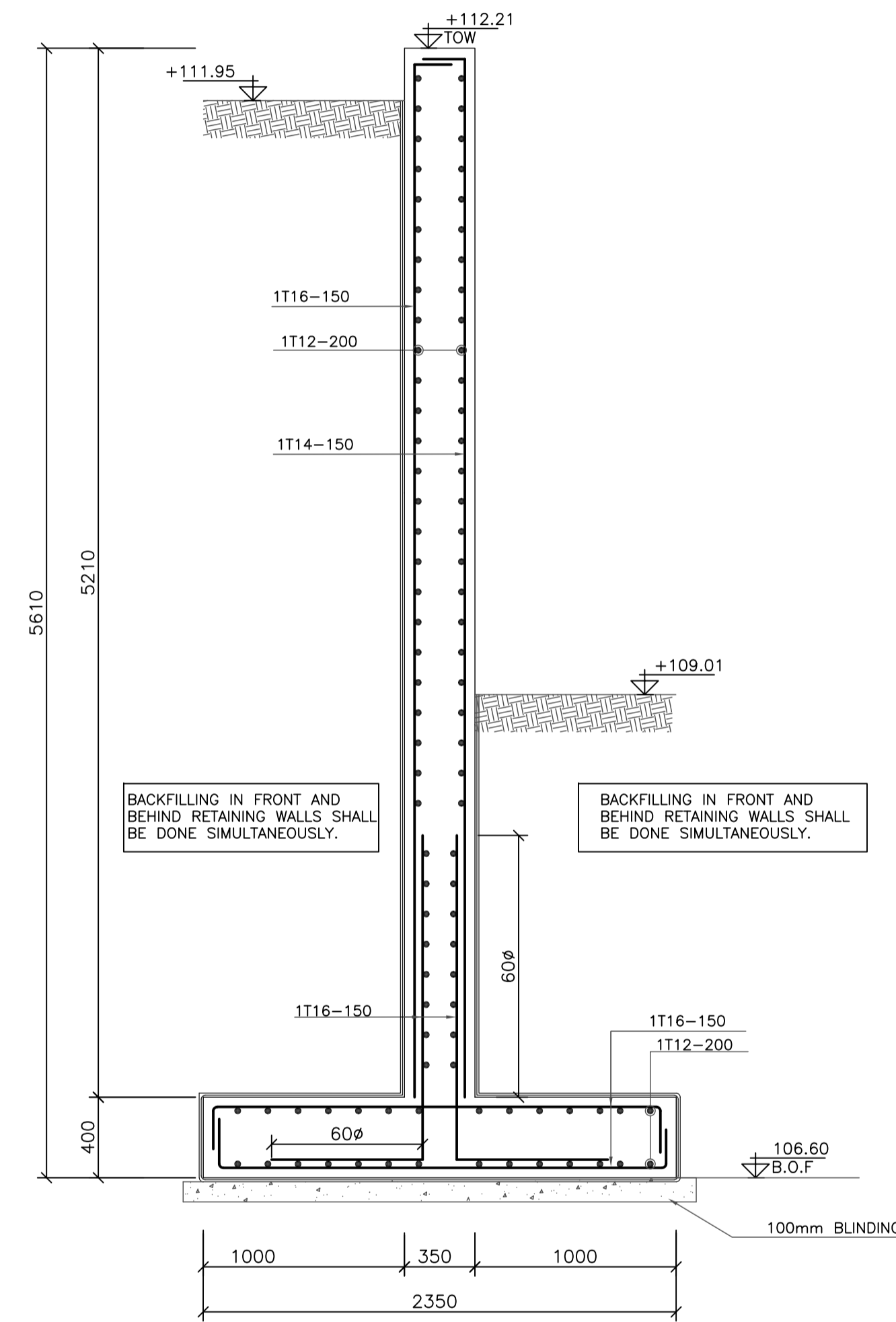
DESIGNER: M.N.  
 SCALE: 1:150  
 DATE: June 2019

CHECKED: CAD  
 APPROVED: V.Z.  
 DRAWING NUMBER: SKPE 16-SD601

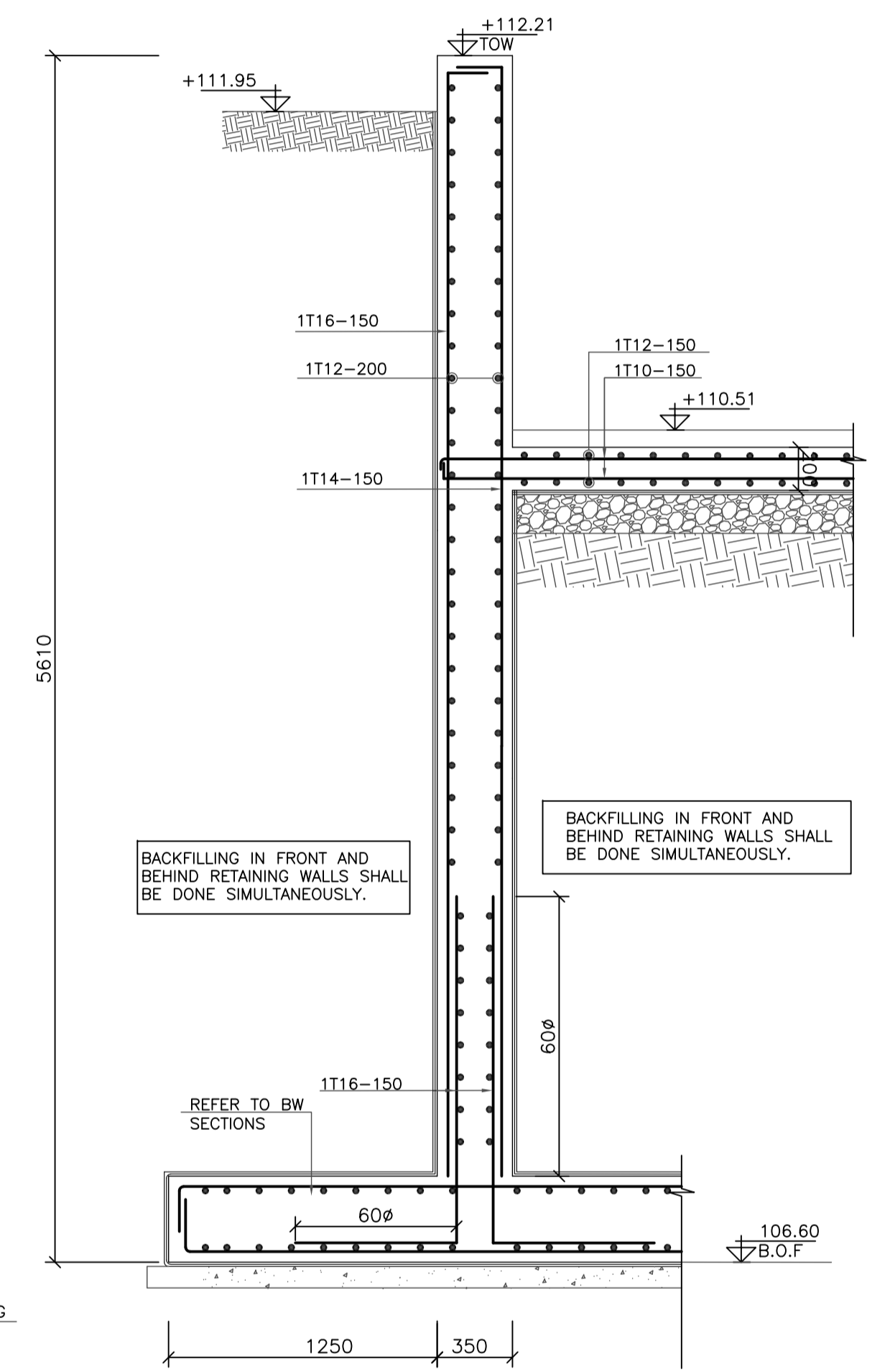




SECTION 1  
1:25



SECTION 2  
1:25



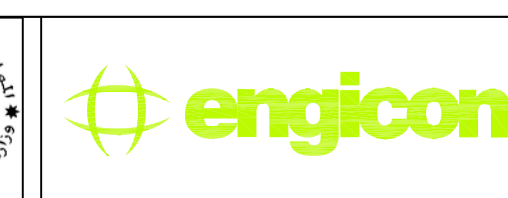
SECTION 2'  
1:25

NOTES:

- BACKFILLING IN FRONT AND BEHIND RETAINING WALLS SHALL BE DONE SIMULTANEOUSLY.
- DO NOT BACKFILL AGAINST BUILDING FOUNDATION AND RETAINING WALLS UNTIL RESTRAINING SLABS AND ADEQUATE BRACING ARE IN PLACE. ALL BACKFILL SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH SPECIFICATIONS.
- DO NOT BACKFILL AGAINST CONCRETE CANTILEVER RETAINING WALLS UNTIL CONCRETE HAS ATTAINED ITS SPECIFIED 28-DAY COMPRESSIVE STRENGTH  $f_{cu}$ . ALL BACKFILL SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH THE SPECIFICATIONS.
- ALL EXCAVATION, FILL, COMPACTION, AND GRADING OF THE SITE SHALL BE IN ACCORDANCE WITH THE RECOMMENDATIONS CONTAINED IN THE PROJECT'S GEOTECHNICAL REPORT.
- FOR CASES WHERE THE FOUNDATION IS SPECIFIED TO BE PLACED ON COMPACTED FILL, THE EXISTING FILL SHALL BE COMPLETELY REMOVED AND REPLACED BY COMPACTED FILL IN ACCORDANCE WITH THE RECOMMENDATIONS CONTAINED IN THE PROJECT'S GEOTECHNICAL REPORT.
- FOR WEEP HOLES DETAILS REFER TO STRUCTURAL NOTES DWG. SG001
- REFER TO BOOK OF DETAILS FOR ANY STRUCTURES ELEMENTS & ARCHITECTURAL DETAILS WHICH ARE NOT SHOWN IN THESE DRAWINGS.

REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

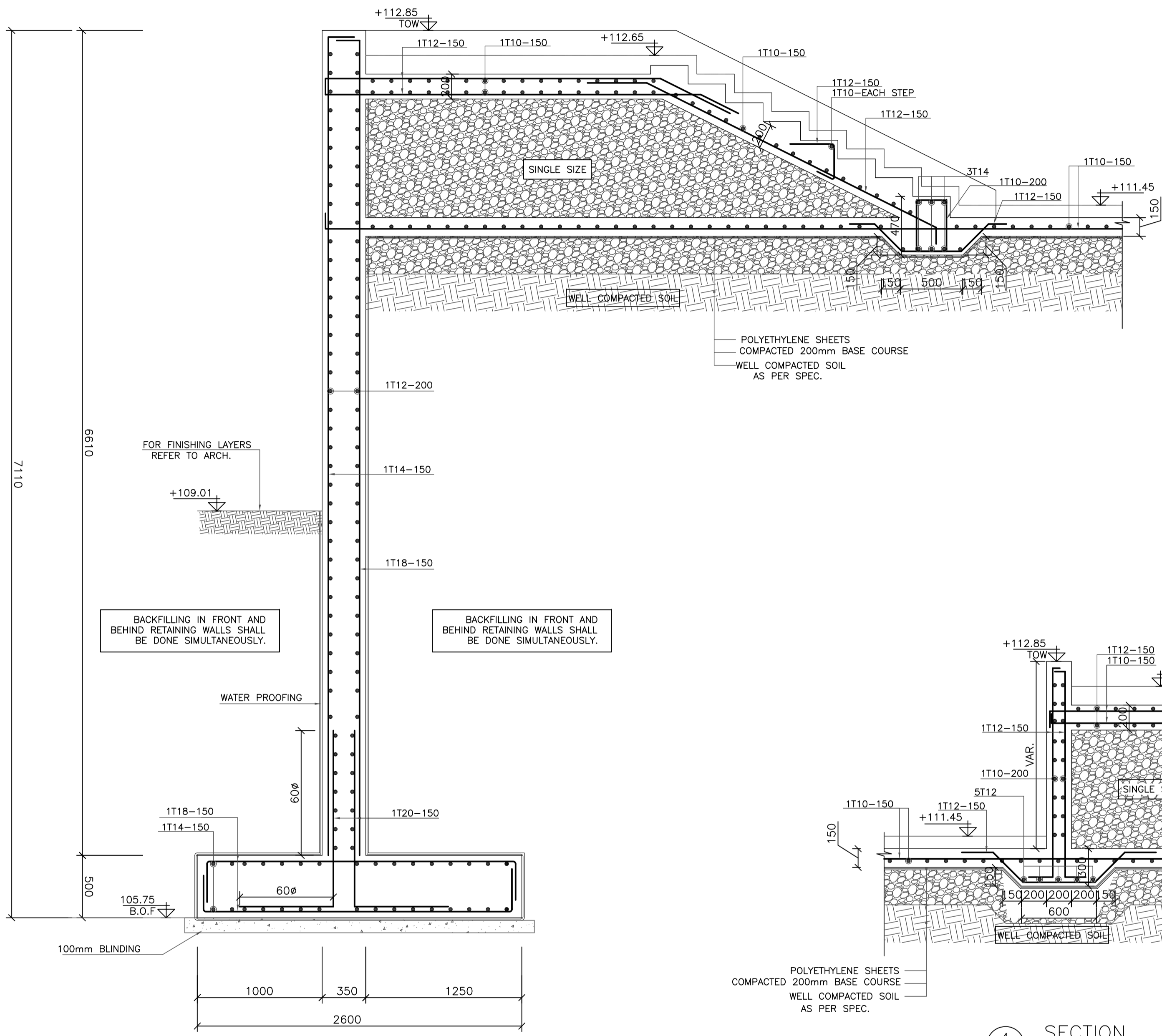
REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS



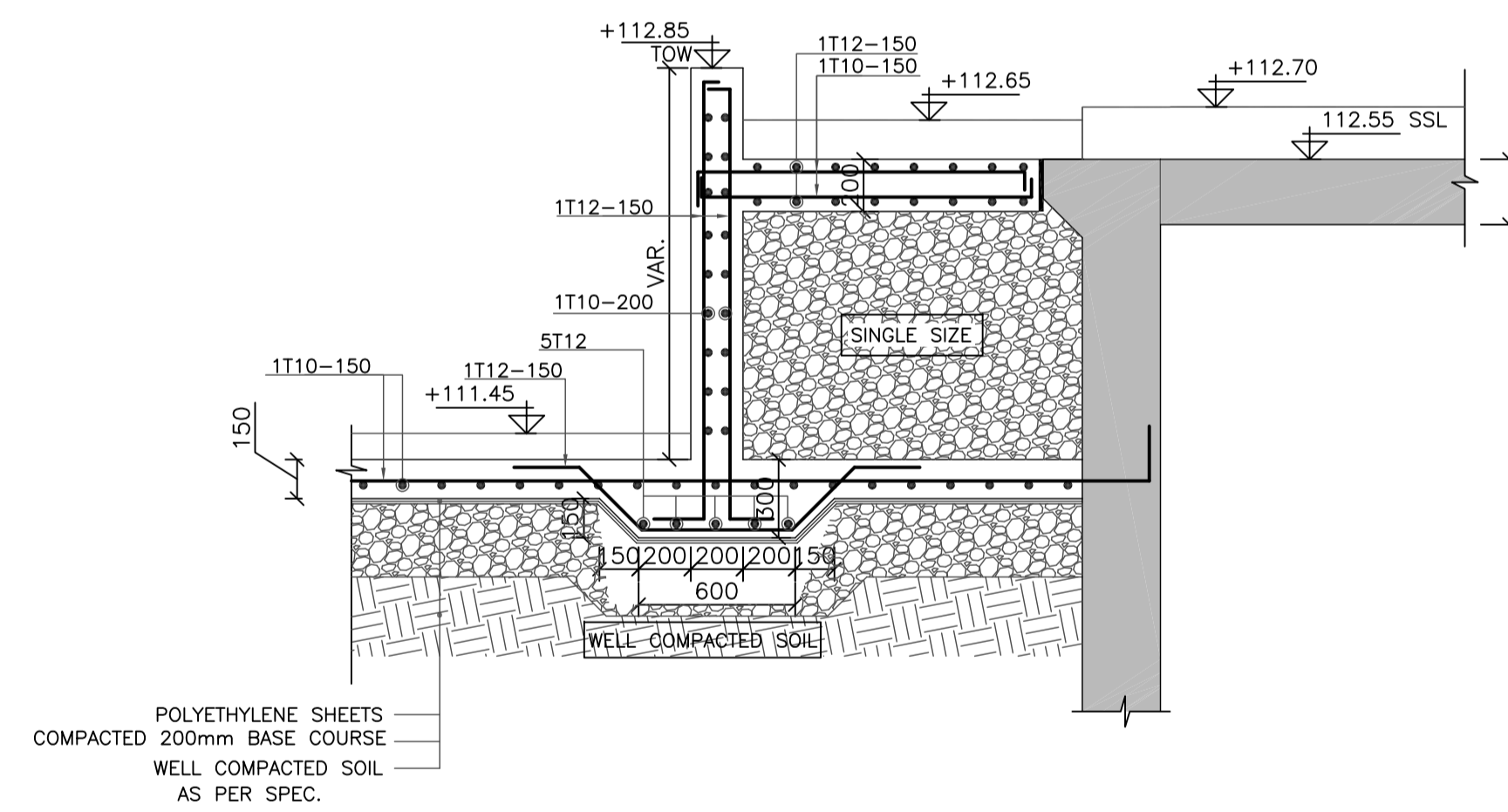
PHASE III	HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)
PACKAGE 2	SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME:	INTERNAL SITE PLAN- STRUCTURAL SECTIONS SHEET 1 OF 6
DESIGN:	M.N.
SCALE:	1:25
DATE:	June 2019
APPROVED:	V.Z.

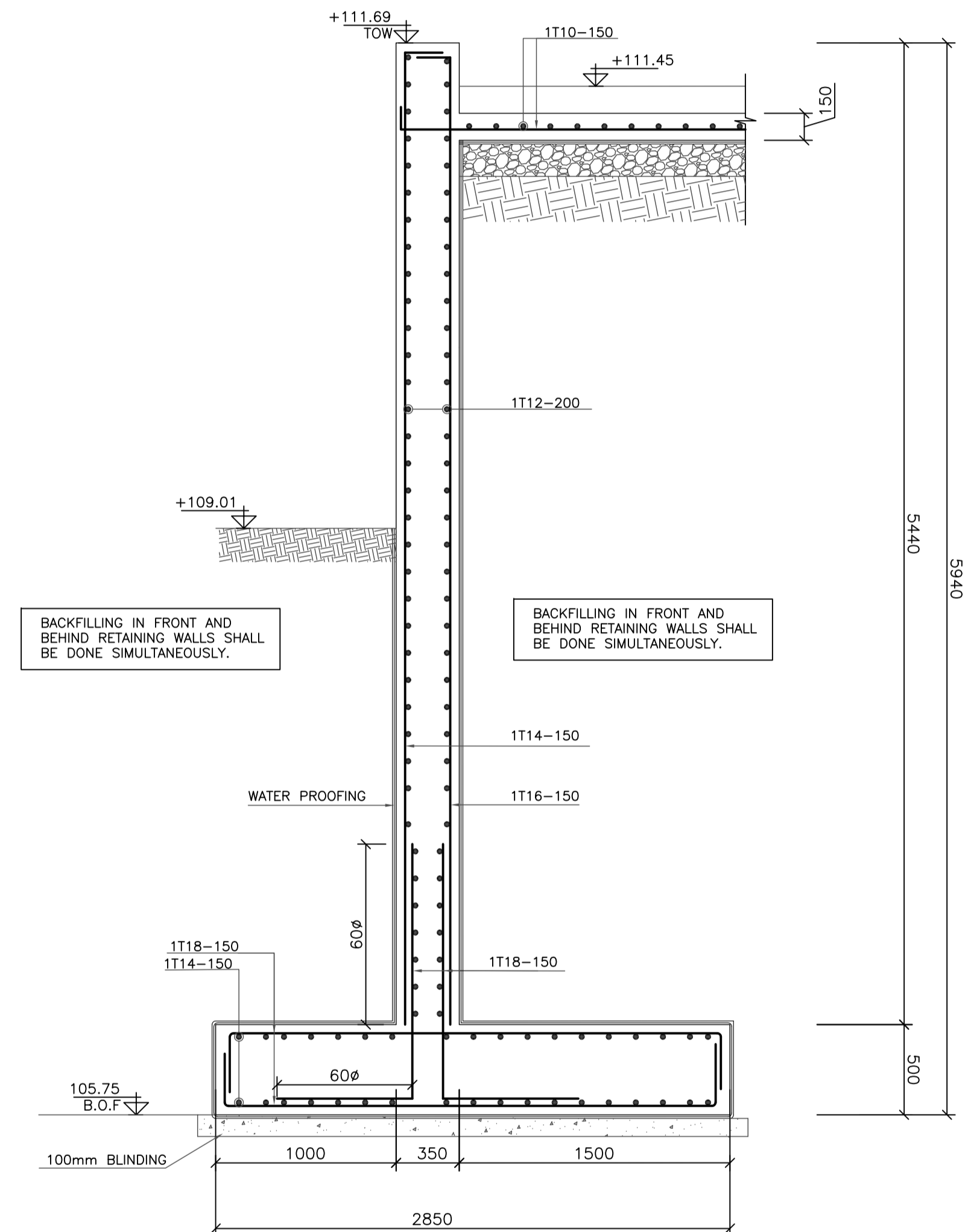
DRAWING NUMBER:	SKEP 16-SD602
REVISION:	0



3 SECTION  
601 1:25



4 SECTION  
601 1:25



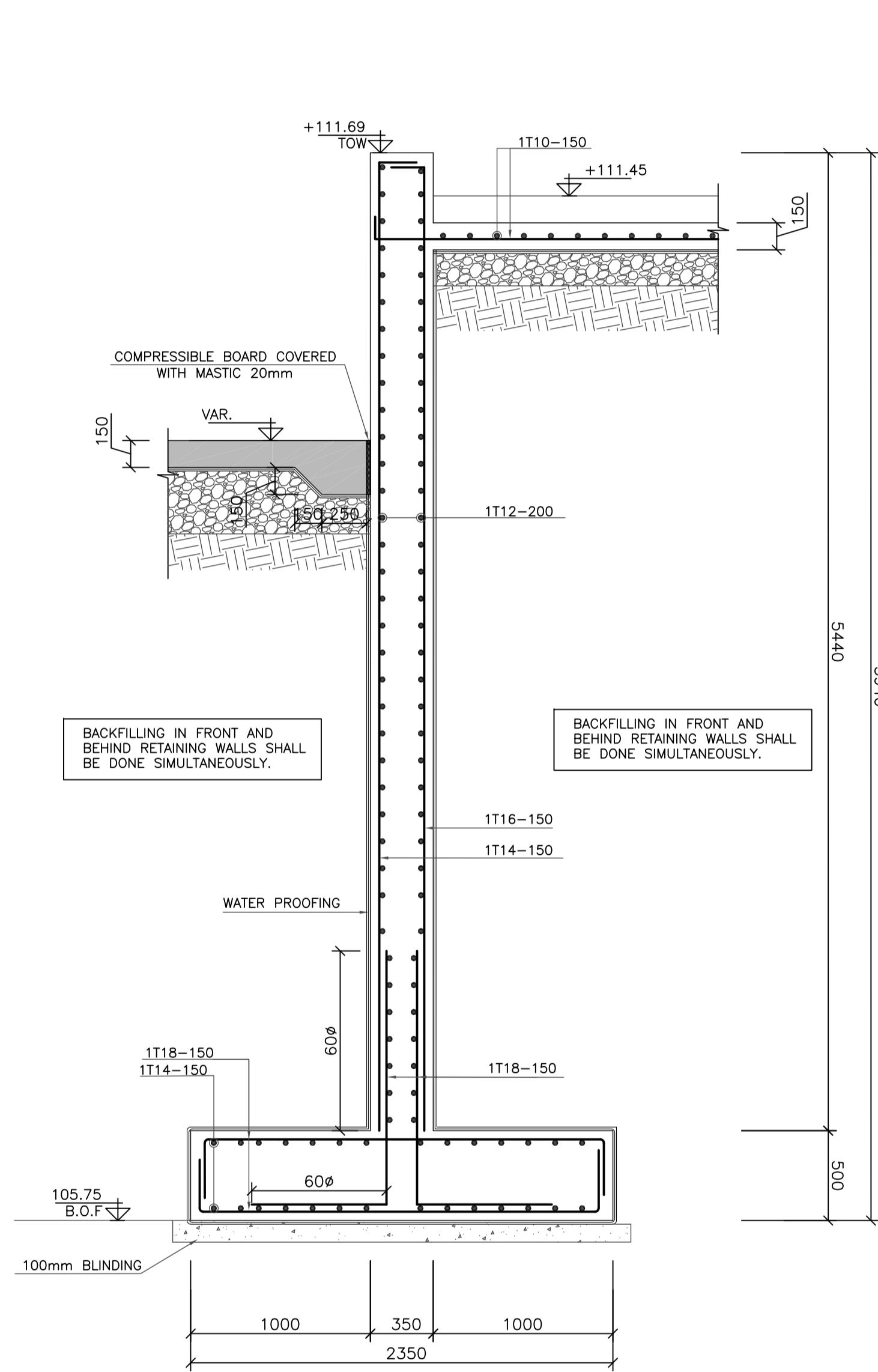
5 SECTION  
601 1:25

- NOTES:
- BACKFILLING IN FRONT AND BEHIND RETAINING WALLS SHALL BE DONE SIMULTANEOUSLY.
  - DO NOT BACKFILL AGAINST BUILDING FOUNDATION AND RETAINING WALLS UNTIL RESTRAINING SLABS AND ADEQUATE BRACING ARE IN PLACE. ALL BACKFILL SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH SPECIFICATIONS.
  - DO NOT BACKFILL AGAINST CONCRETE CANTILEVER RETAINING WALLS UNTIL CONCRETE HAS ATTAINED ITS SPECIFIED 28-DAY COMPRESSIVE STRENGTH  $f_{cu}$ . ALL BACKFILL SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH THE SPECIFICATIONS.
  - ALL EXCAVATION, FILL, COMPACTION, AND GRADING OF THE SITE SHALL BE IN ACCORDANCE WITH THE RECOMMENDATIONS CONTAINED IN THE PROJECT'S GEOTECHNICAL REPORT.
  - FOR CASES WHERE THE FOUNDATION IS SPECIFIED TO BE PLACED ON COMPACTED FILL, THE EXISTING FILL SHALL BE COMPLETELY REMOVED AND REPLACED BY COMPACTED FILL IN ACCORDANCE WITH THE RECOMMENDATIONS CONTAINED IN THE PROJECT'S GEOTECHNICAL REPORT.
  - FOR WEEP HOLES DETAILS REFER TO STRUCTURAL NOTES DWG. SG001
  - REFER TO BOOK OF DETAILS FOR ANY STRUCTURES ELEMENTS & ARCHITECTURAL DETAILS WHICH ARE NOT SHOWN IN THESE DRAWINGS.

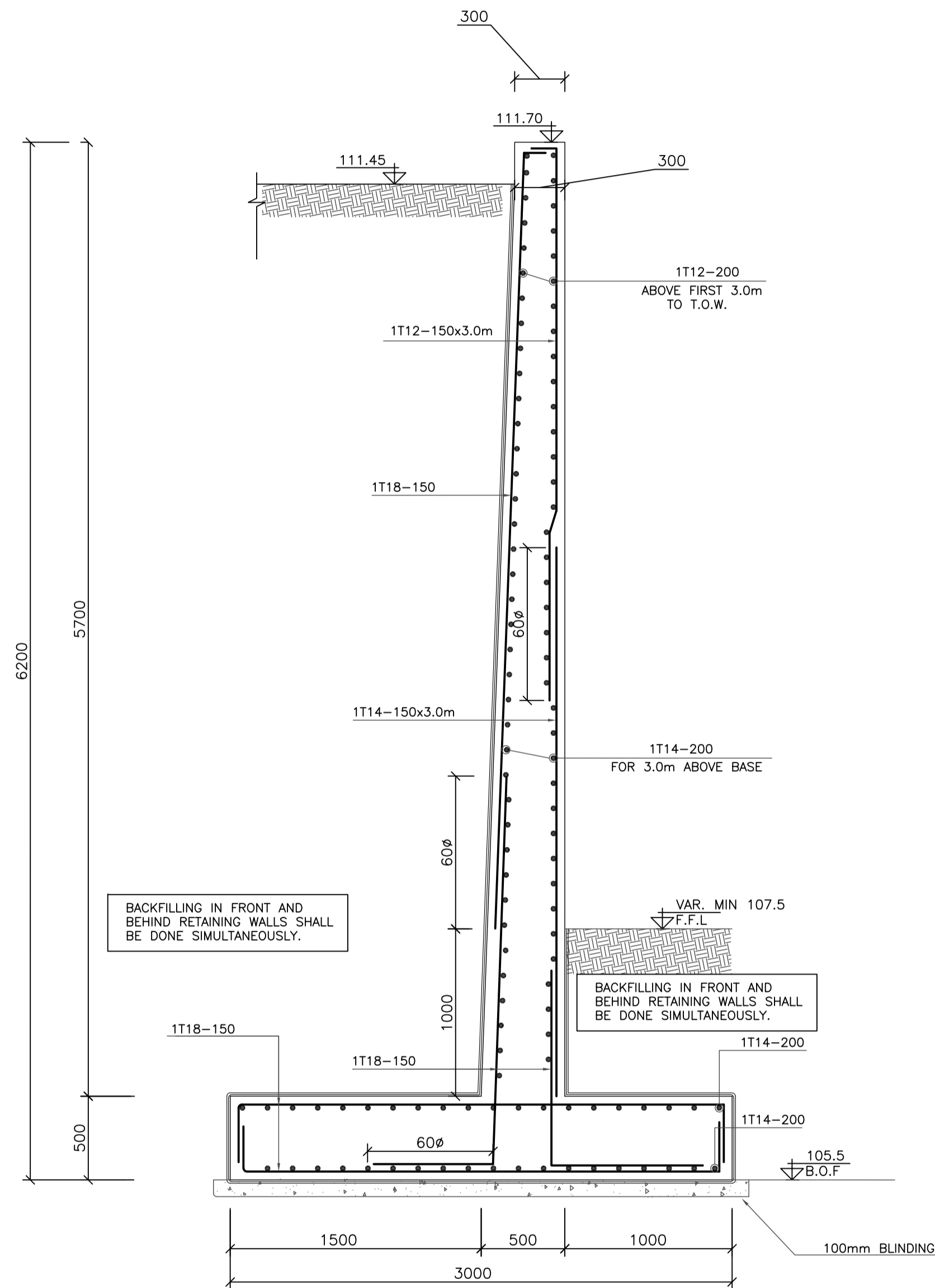
REV. DATE REMARKS			NOTES:					PHASE III HAY AL ISKAN BASIC MIXED SCHOOL (JERASH) PACKAGE 2 SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)		DRAWING NAME: INTERNAL SITE PLAN- STRUCTURAL SECTIONS SHEET 2 OF 6 PLOT No: 99 LOCATION: AL NABI HOOD BASIN NO: 003-AL HAMRA		Design: M.N. Scale: 1:25 Date: June 2019 Drawn: CAD Approved: V.Z.		Drawing Number: SKEP 16-SD603 Rev: 0	
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NOTES:

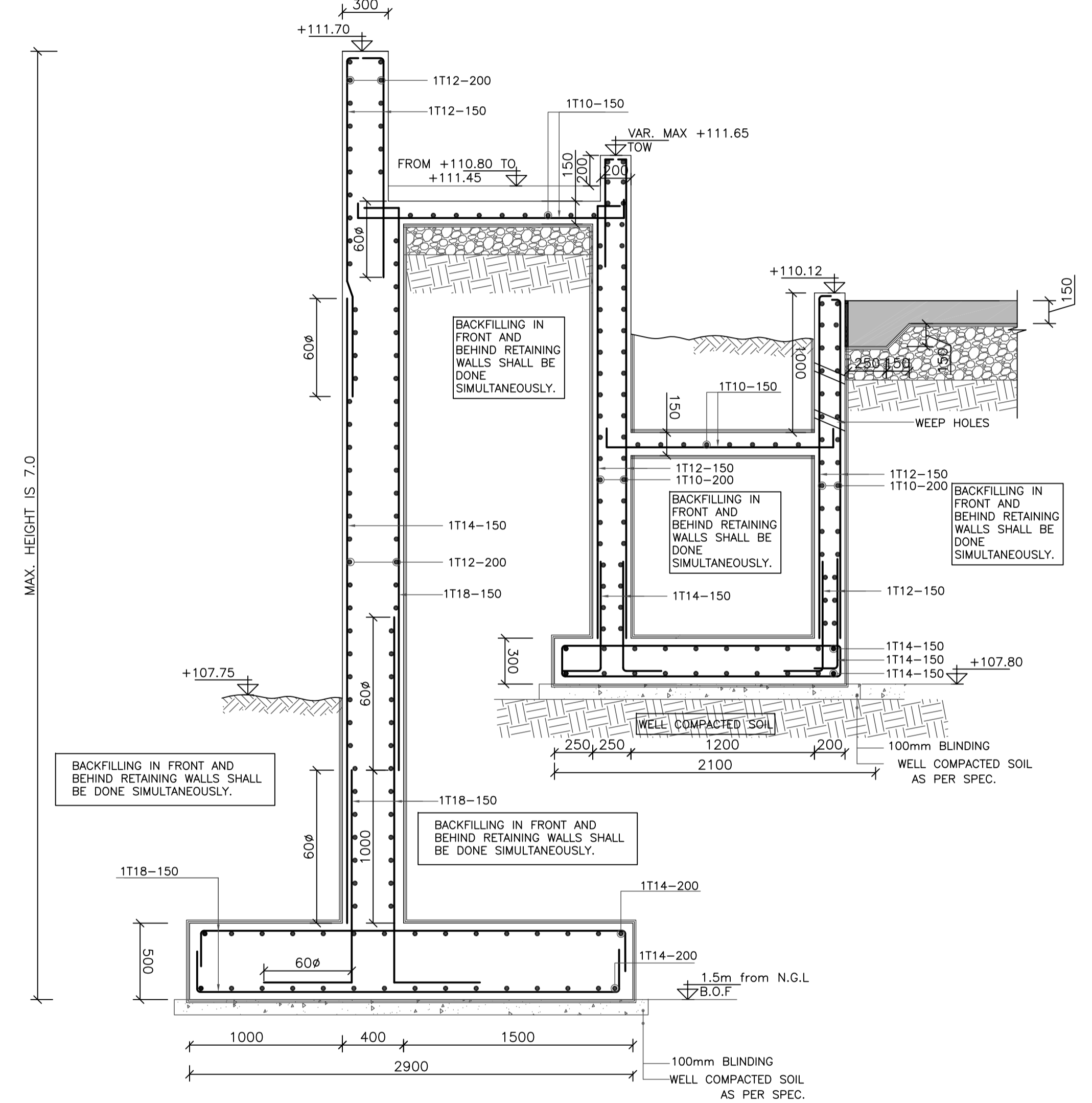
- BACKFILLING IN FRONT AND BEHIND RETAINING WALLS SHALL BE DONE SIMULTANEOUSLY.
- DO NOT BACKFILL AGAINST BUILDING FOUNDATION AND RETAINING WALLS UNTIL RESTRAINING SLABS AND ADEQUATE BRACING ARE IN PLACE. ALL BACKFILL SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH SPECIFICATIONS.
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- REFER TO BOOK OF DETAILS FOR ANY STRUCTURES ELEMENTS & ARCHITECTURAL DETAILS WHICH ARE NOT SHOWN IN THESE DRAWINGS.



6 SECTION  
601 1:25



7 SECTION  
601 1:25



8 SECTION  
601 1:25

REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

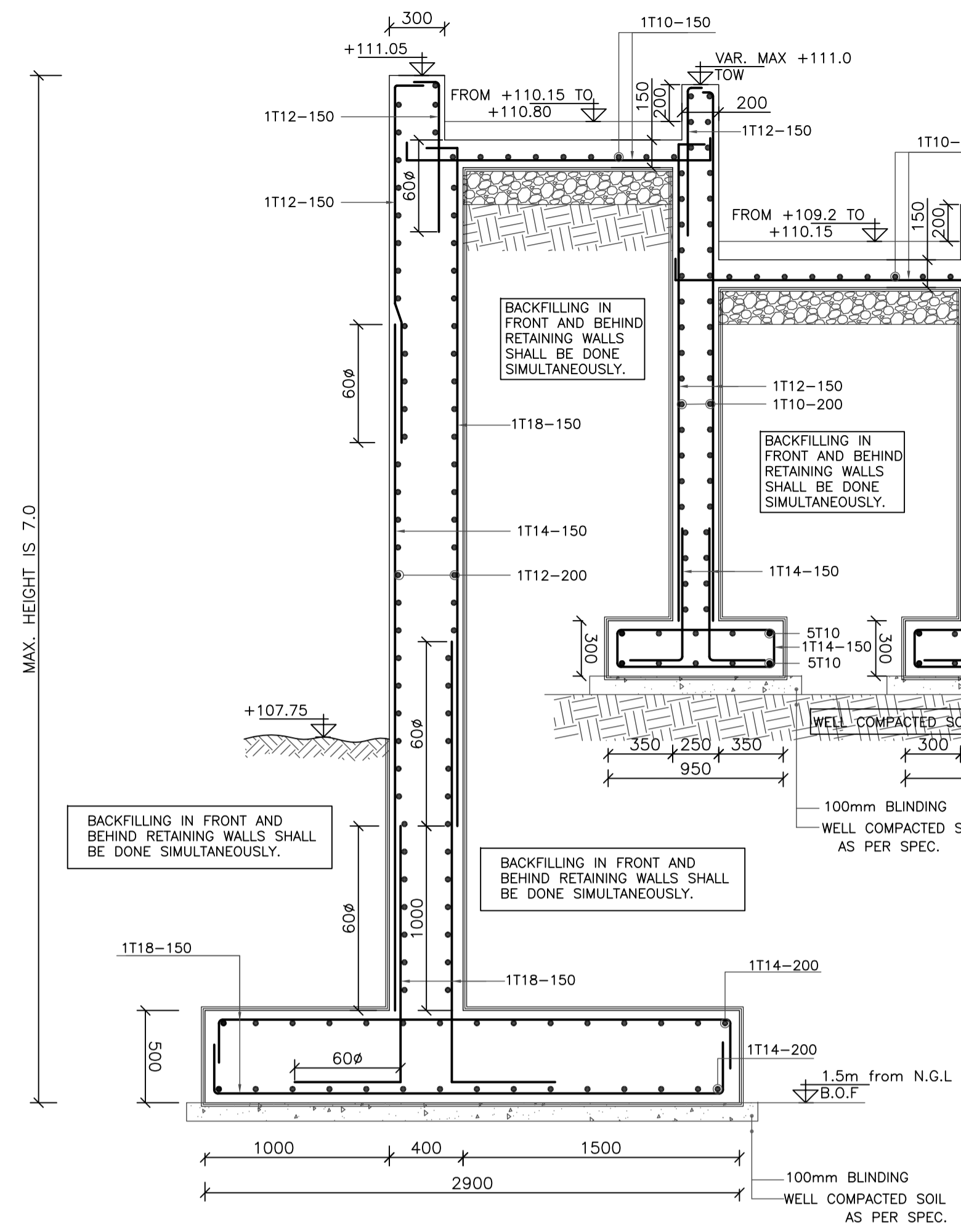
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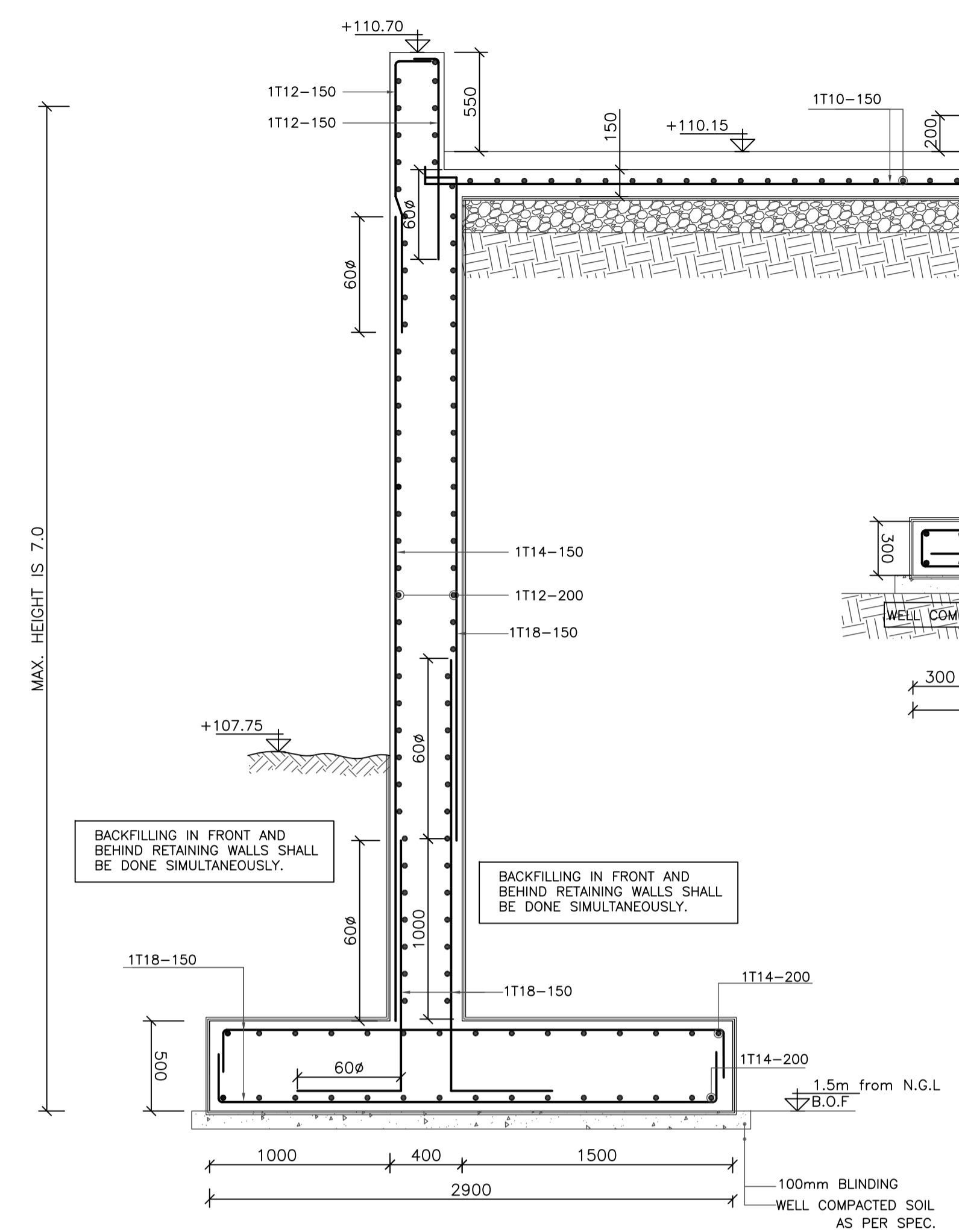
PHASE III	HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)
PACKAGE 2	SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME:	INTERNAL SITE PLAN- STRUCTURAL SECTIONS SHEET 3 OF 6
DESIGN:	M.N.
SCALE:	1:25
DATE:	June 2019
APPROVED:	W.Z.

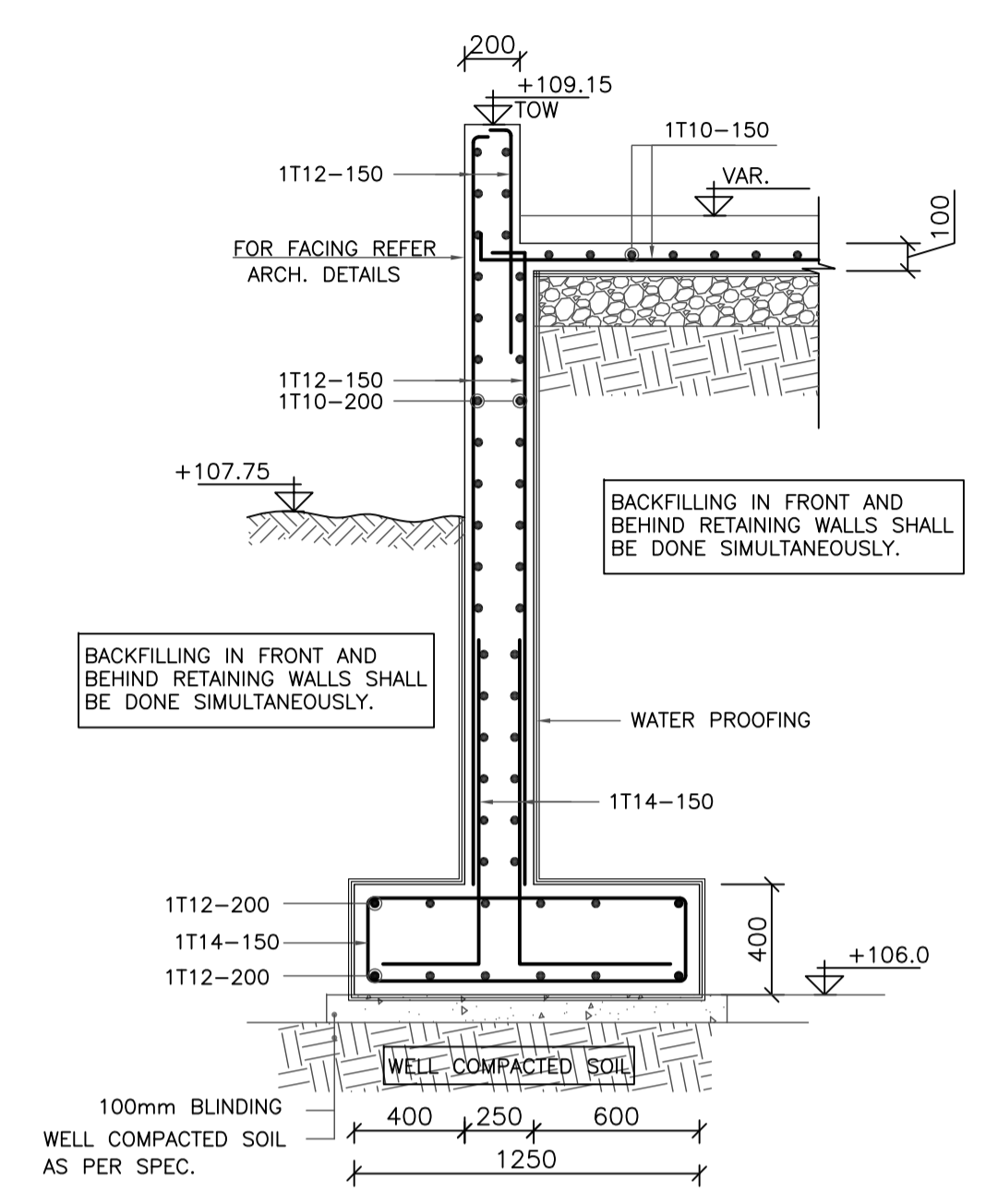
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REV.:	0



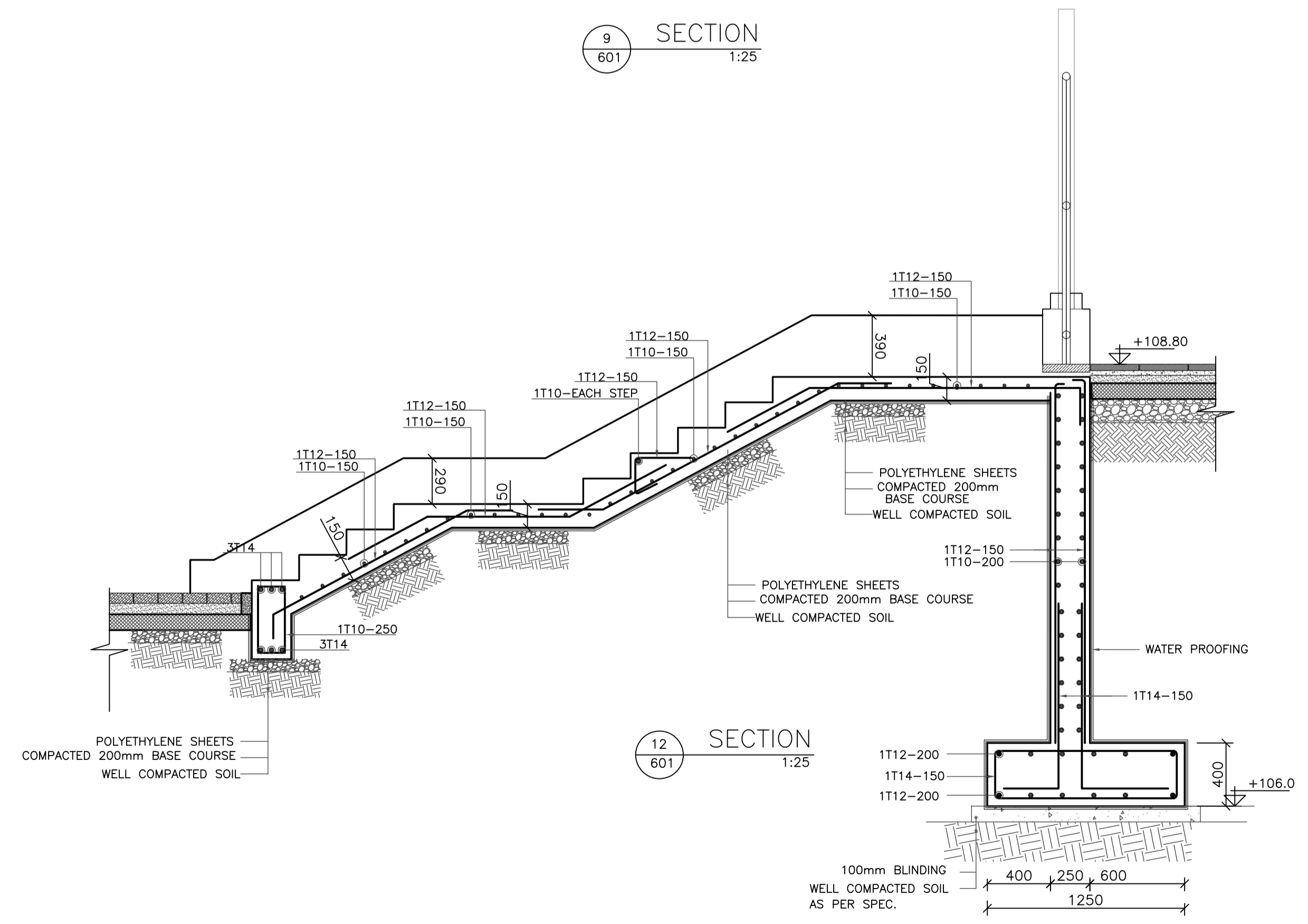
9 SECTION  
601 1:25



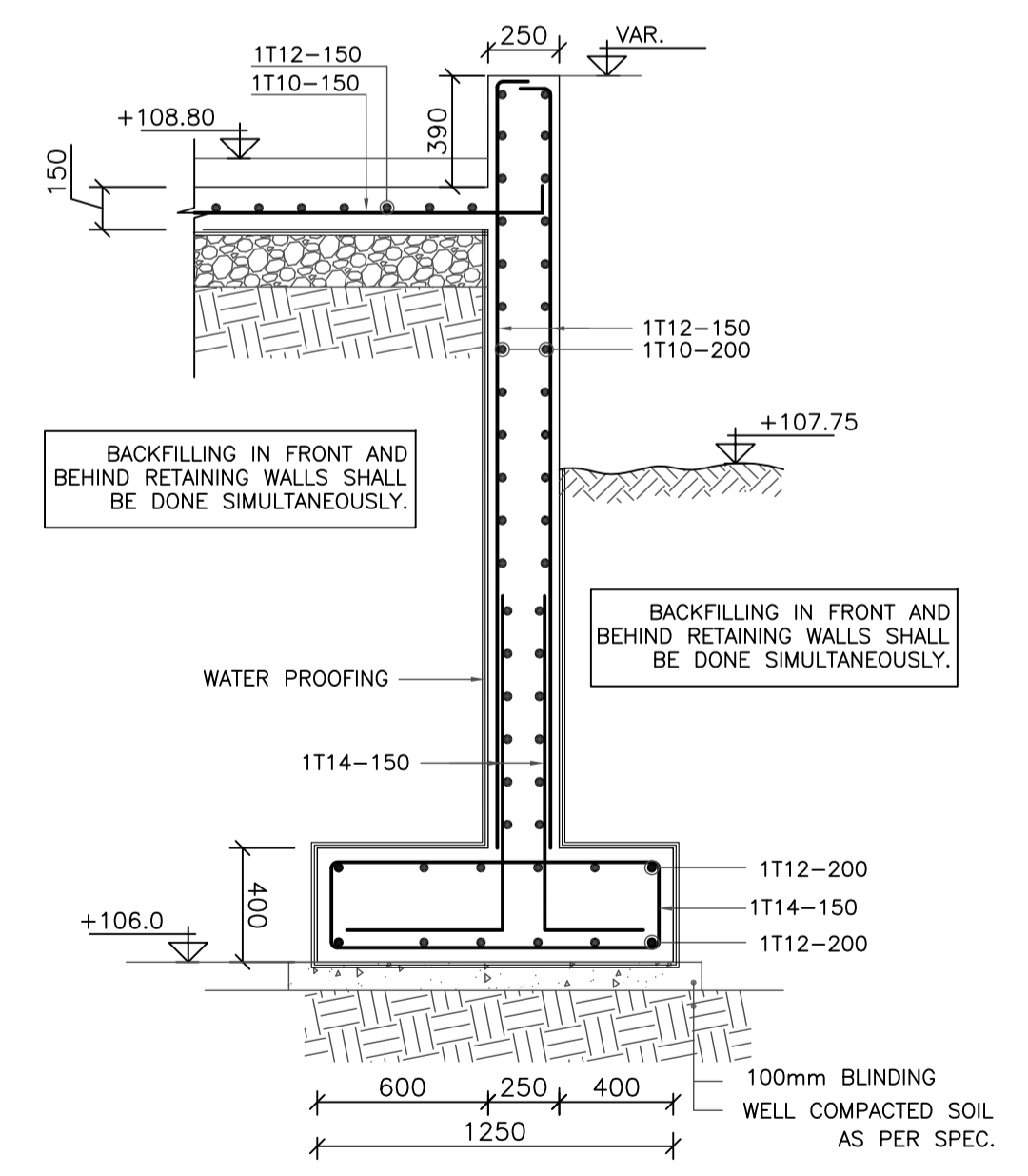
10 SECTION  
601 1:25



11 SECTION  
601 1:25



12 SECTION  
601 1:25

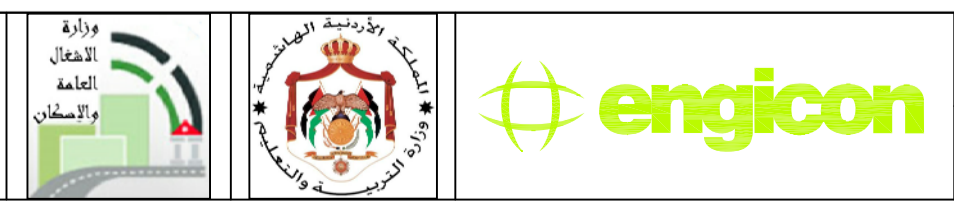


13 SECTION  
601 1:25

- NOTES:
- BACKFILLING IN FRONT AND BEHIND RETAINING WALLS SHALL BE DONE SIMULTANEOUSLY.
  - DO NOT BACKFILL AGAINST BUILDING FOUNDATION AND RETAINING WALLS UNTIL RESTRAINING SLABS AND ADEQUATE BRACING ARE IN PLACE. ALL BACKFILL SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH SPECIFICATIONS.
  - DO NOT BACKFILL AGAINST CONCRETE CANTILEVER RETAINING WALLS UNTIL CONCRETE HAS ATTAINED ITS SPECIFIED 28-DAY COMPRESSIVE STRENGTH  $f_{cu}$ . ALL BACKFILL SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH THE SPECIFICATIONS.
  - ALL EXCAVATION, FILL, COMPACTION, AND GRADING OF THE SITE SHALL BE IN ACCORDANCE WITH THE RECOMMENDATIONS CONTAINED IN THE PROJECT'S GEOTECHNICAL REPORT.
  - FOR CASES WHERE THE FOUNDATION IS SPECIFIED TO BE PLACED ON COMPACTED FILL, THE EXISTING FILL SHALL BE COMPLETELY REMOVED AND REPLACED BY COMPACTED FILL IN ACCORDANCE WITH THE RECOMMENDATIONS CONTAINED IN THE PROJECT'S GEOTECHNICAL REPORT.
  - FOR WEEP HOLES DETAILS REFER TO STRUCTURAL NOTES DWG. SG001
  - REFER TO BOOK OF DETAILS FOR ANY STRUCTURES ELEMENTS & ARCHITECTURAL DETAILS WHICH ARE NOT SHOWN IN THESE DRAWINGS.

REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

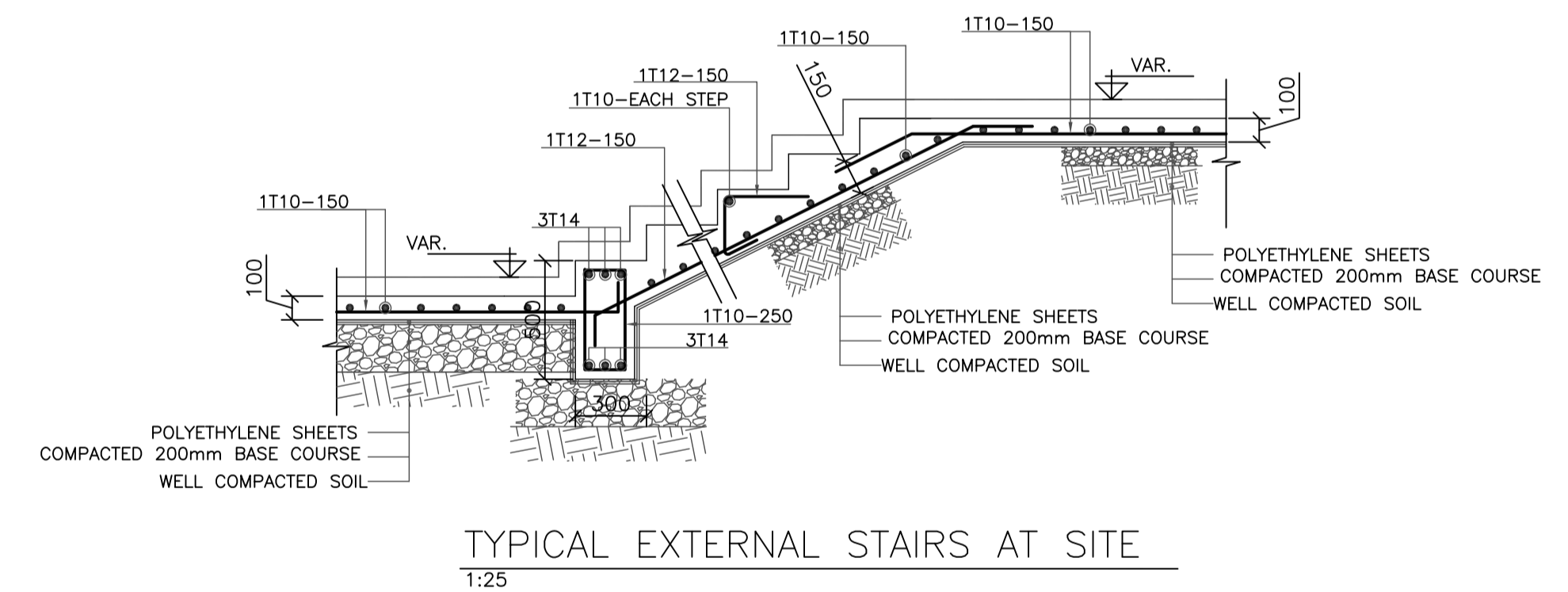
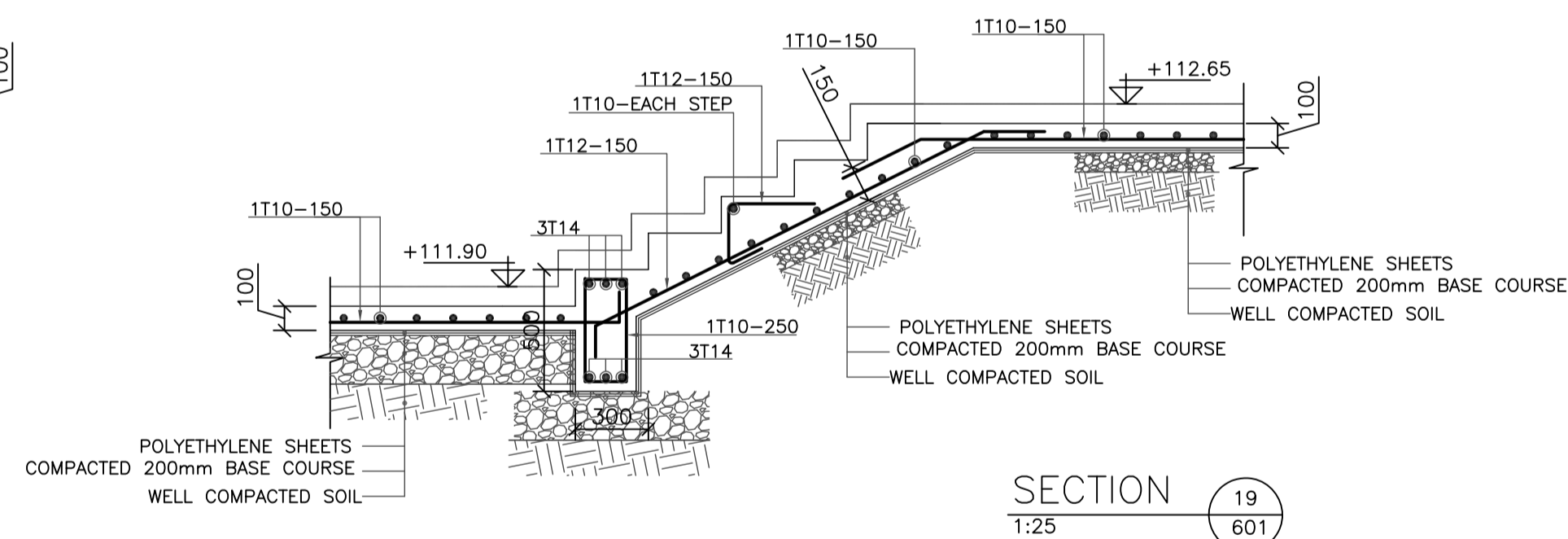
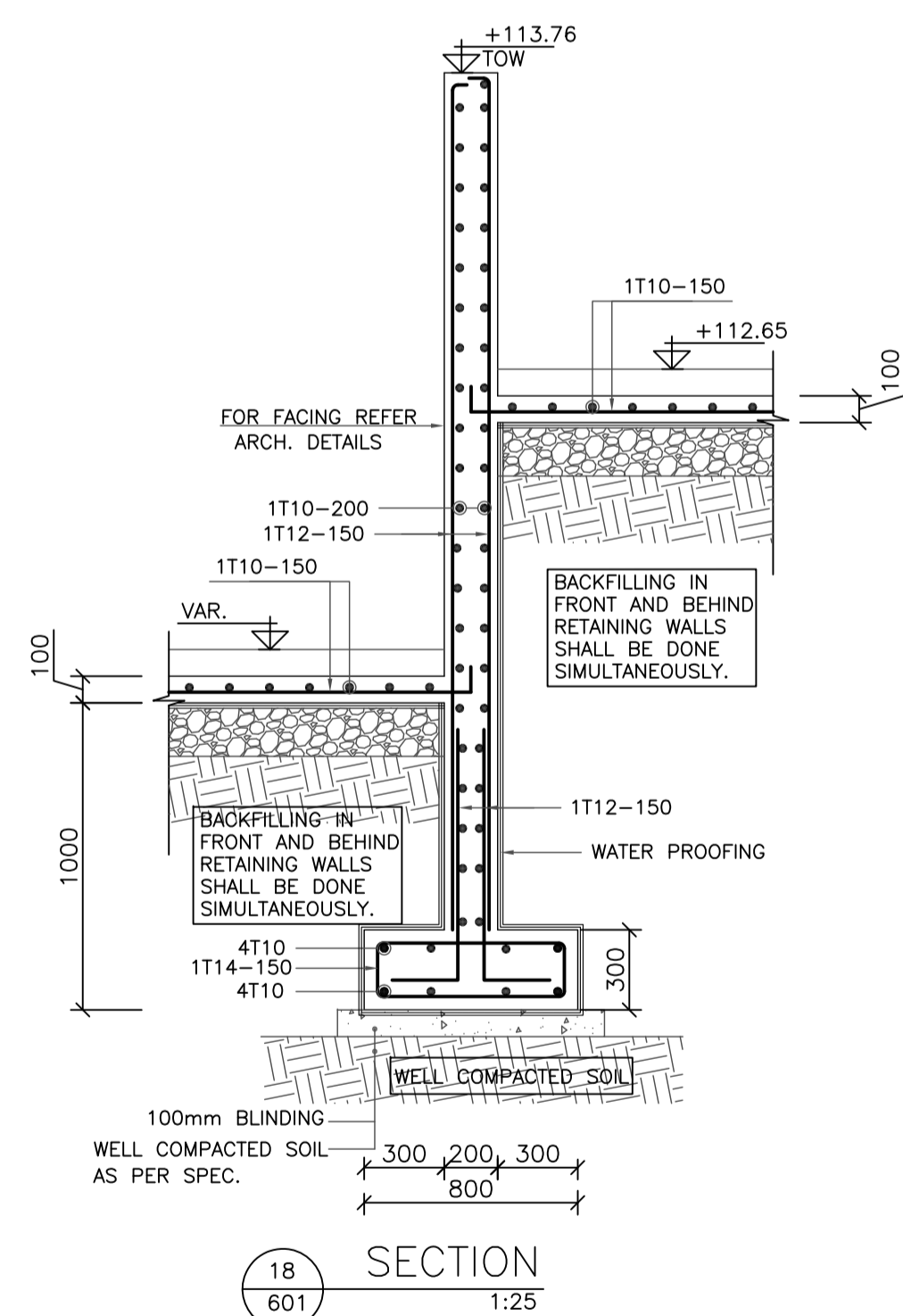
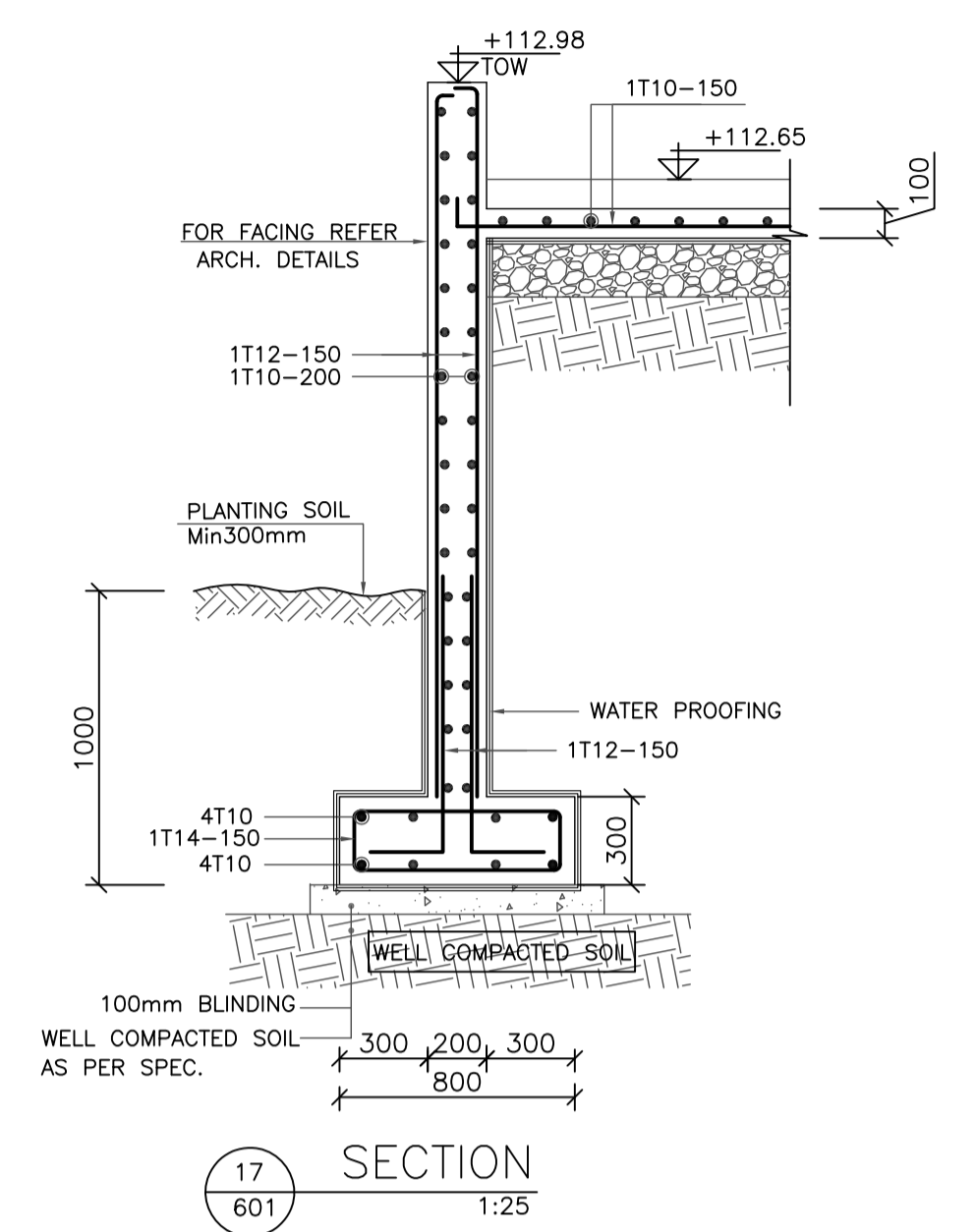
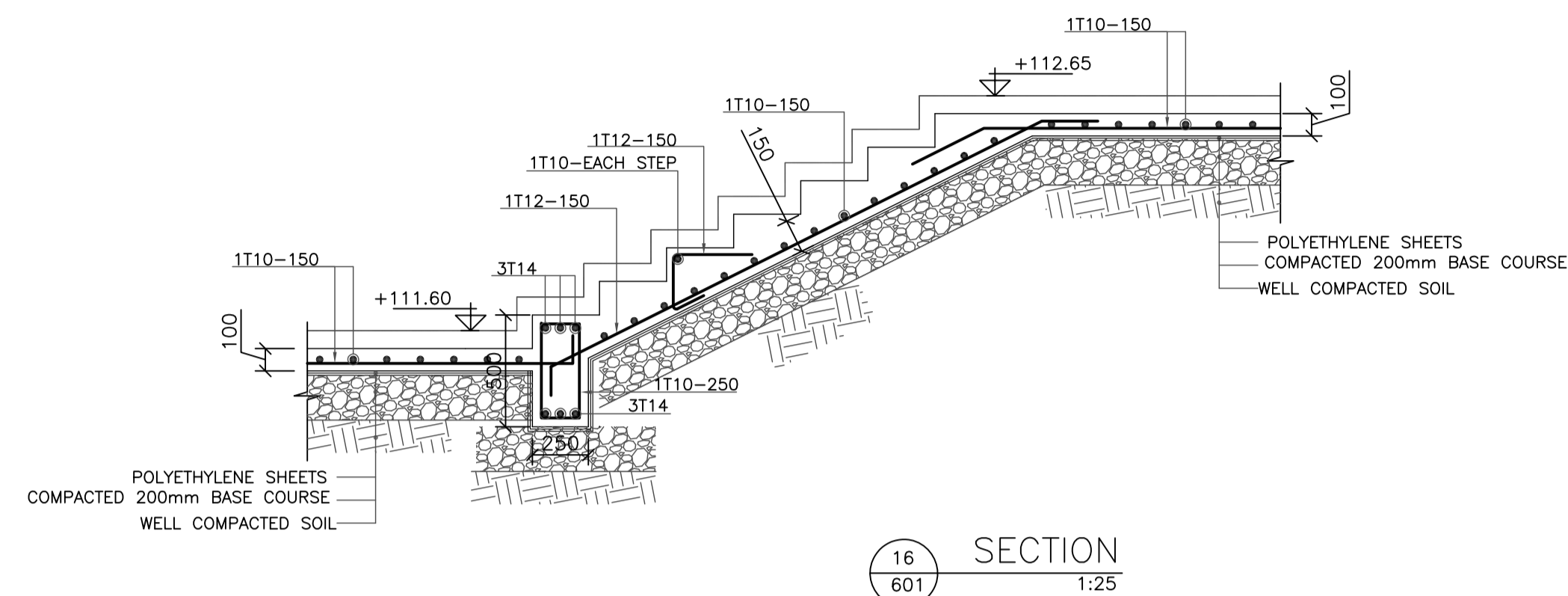
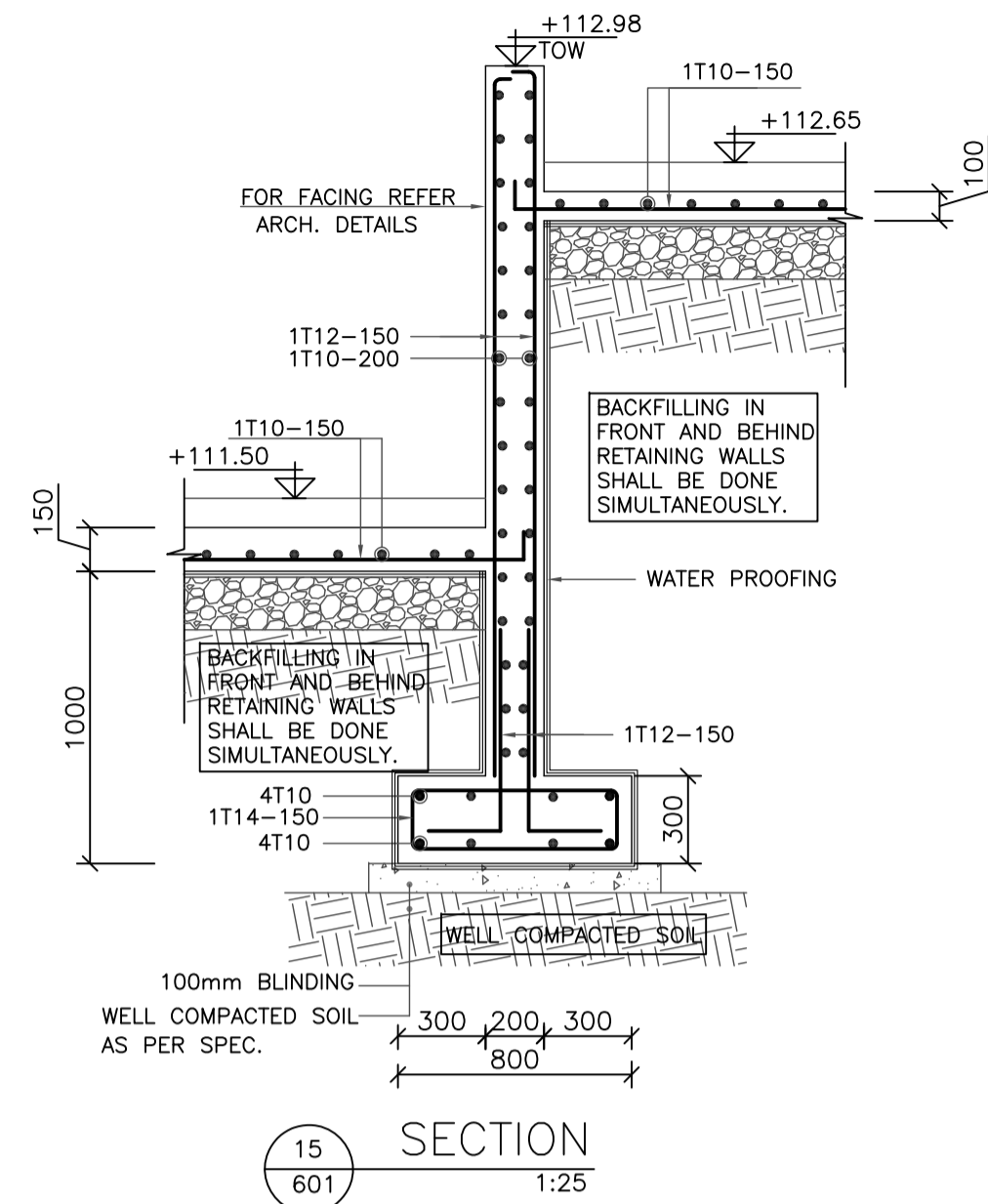
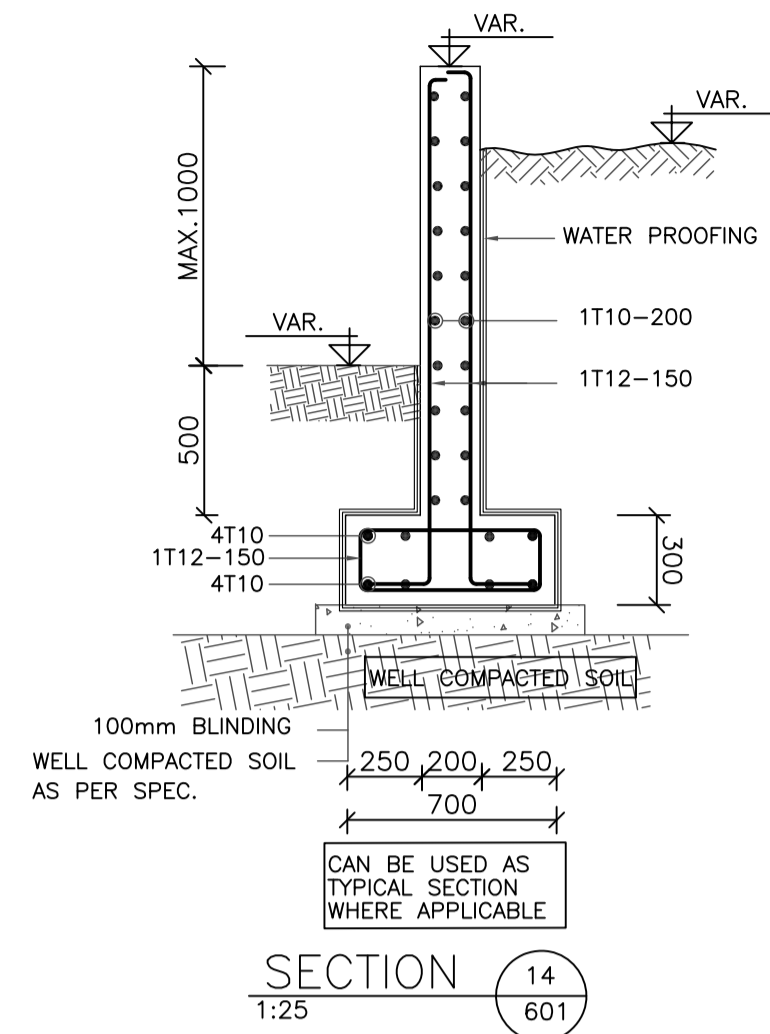
NOTES:



PHASE III HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
PACKAGE 2 SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME: INTERNAL SITE PLAN- STRUCTURAL SECTIONS SHEET 4 OF 6  
PLOT No: 99 LOCATION: AL NABI HOOD BASIN NO: 003-AL HAMRA

Design: M.N. Scale: 1:25 Date: June 2019  
Checked: CAD Date: June 2019 Approved: V.Z.  
DRAWING NUMBER: SKEP 16-SD605 Rev: 0



- NOTES:
- BACKFILLING IN FRONT AND BEHIND RETAINING WALLS SHALL BE DONE SIMULTANEOUSLY.
  - DO NOT BACKFILL AGAINST BUILDING FOUNDATION AND RETAINING WALLS UNTIL RESTRAINING SLABS AND ADEQUATE BRACING ARE IN PLACE. ALL BACKFILL SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH SPECIFICATIONS.
  - DO NOT BACKFILL AGAINST CONCRETE CANTILEVER RETAINING WALLS UNTIL CONCRETE HAS ATTAINED ITS SPECIFIED 28-DAY COMPRESSIVE STRENGTH  $f_{cu}$ . ALL BACKFILL SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH THE SPECIFICATIONS.
  - ALL EXCAVATION, FILL, COMPACTION, AND GRADING OF THE SITE SHALL BE IN ACCORDANCE WITH THE RECOMMENDATIONS CONTAINED IN THE PROJECT'S GEOTECHNICAL REPORT.
  - FOR CASES WHERE THE FOUNDATION IS SPECIFIED TO BE PLACED ON COMPACTED FILL, THE EXISTING FILL SHALL BE COMPLETELY REMOVED AND REPLACED BY COMPACTED FILL IN ACCORDANCE WITH THE RECOMMENDATIONS CONTAINED IN THE PROJECT'S GEOTECHNICAL REPORT.
  - FOR WEEP HOLES DETAILS REFER TO STRUCTURAL NOTES DWG. SG001
  - REFER TO BOOK OF DETAILS FOR ANY STRUCTURES ELEMENTS & ARCHITECTURAL DETAILS WHICH ARE NOT SHOWN IN THESE DRAWINGS.

REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

REV.	DATE	REMARKS
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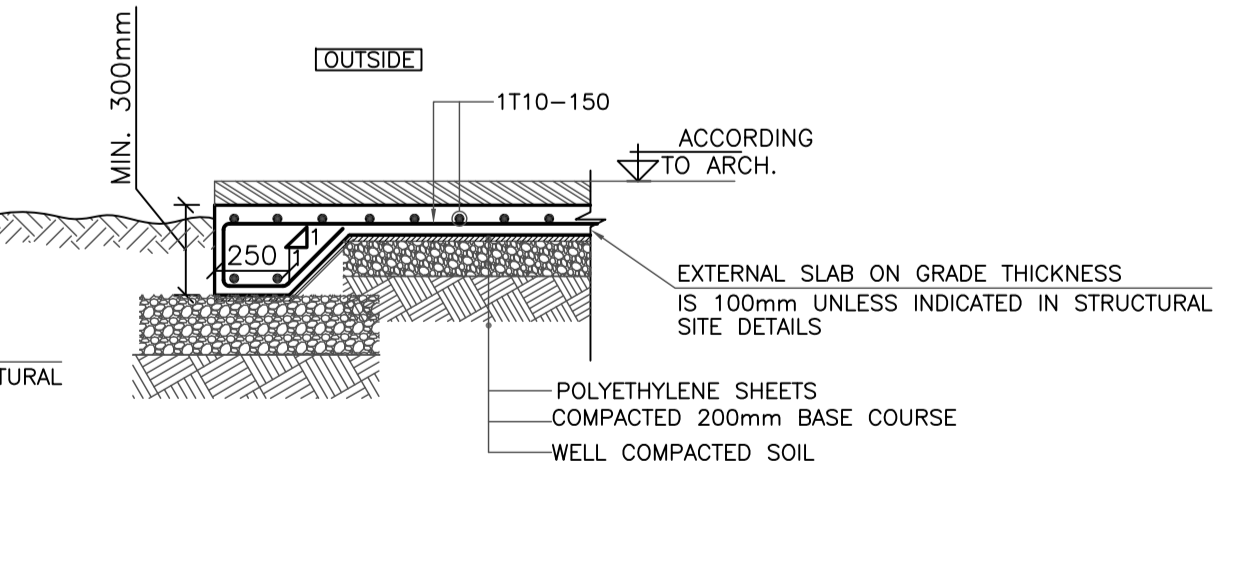
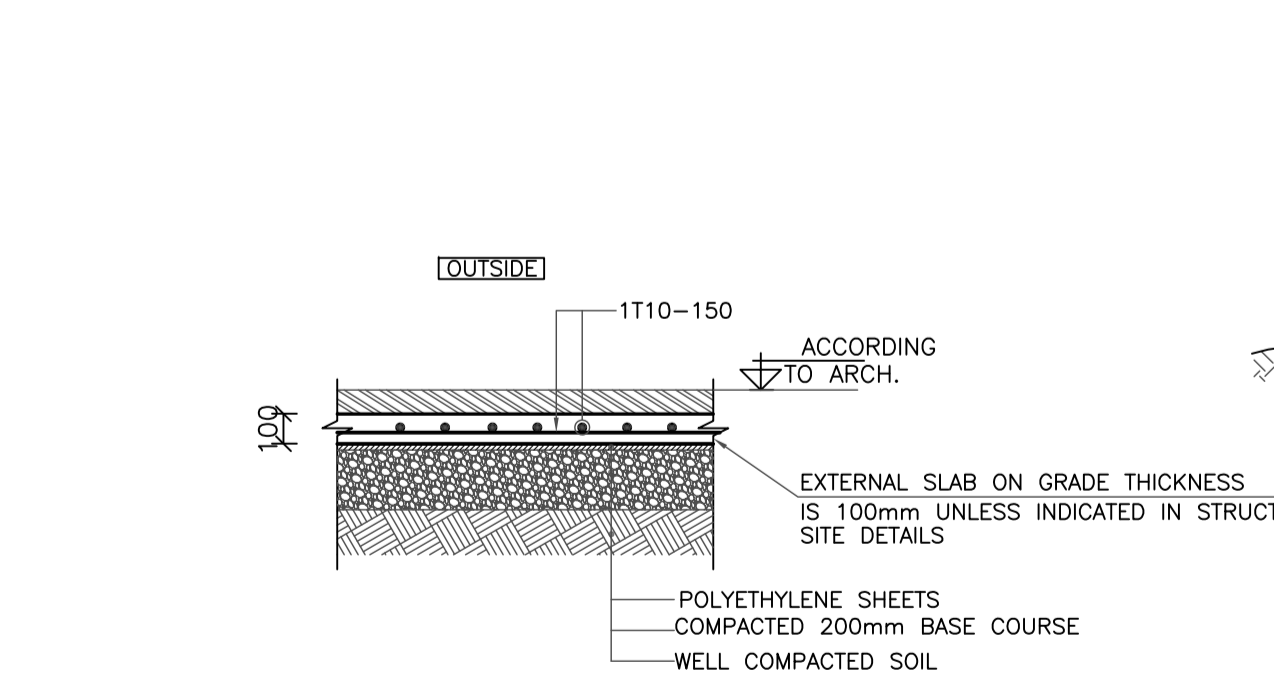
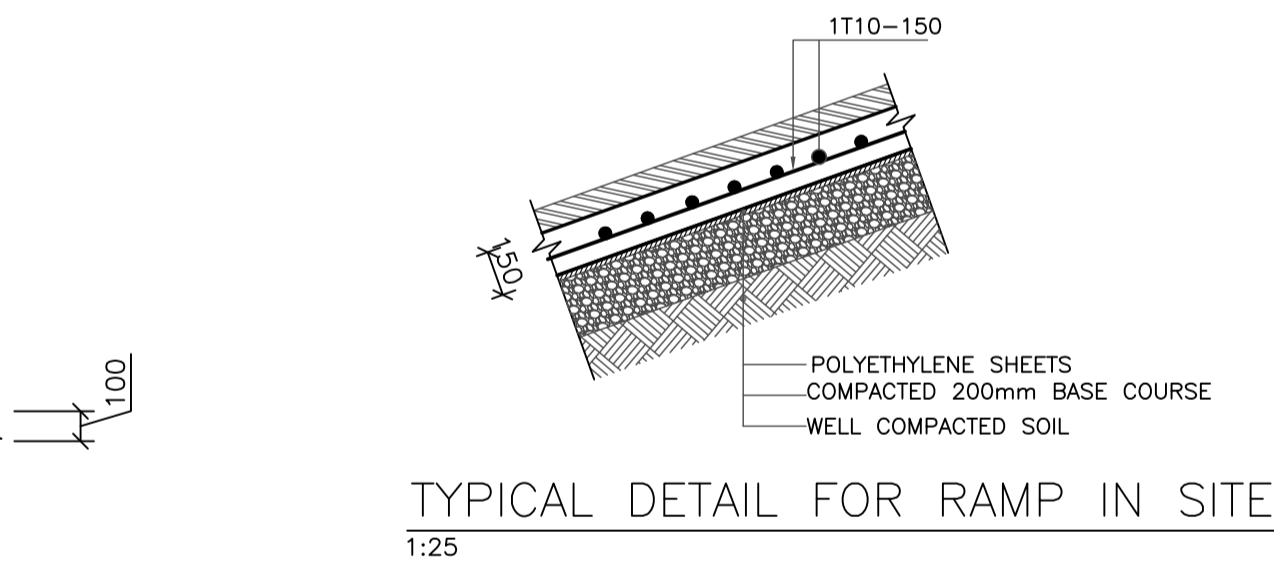
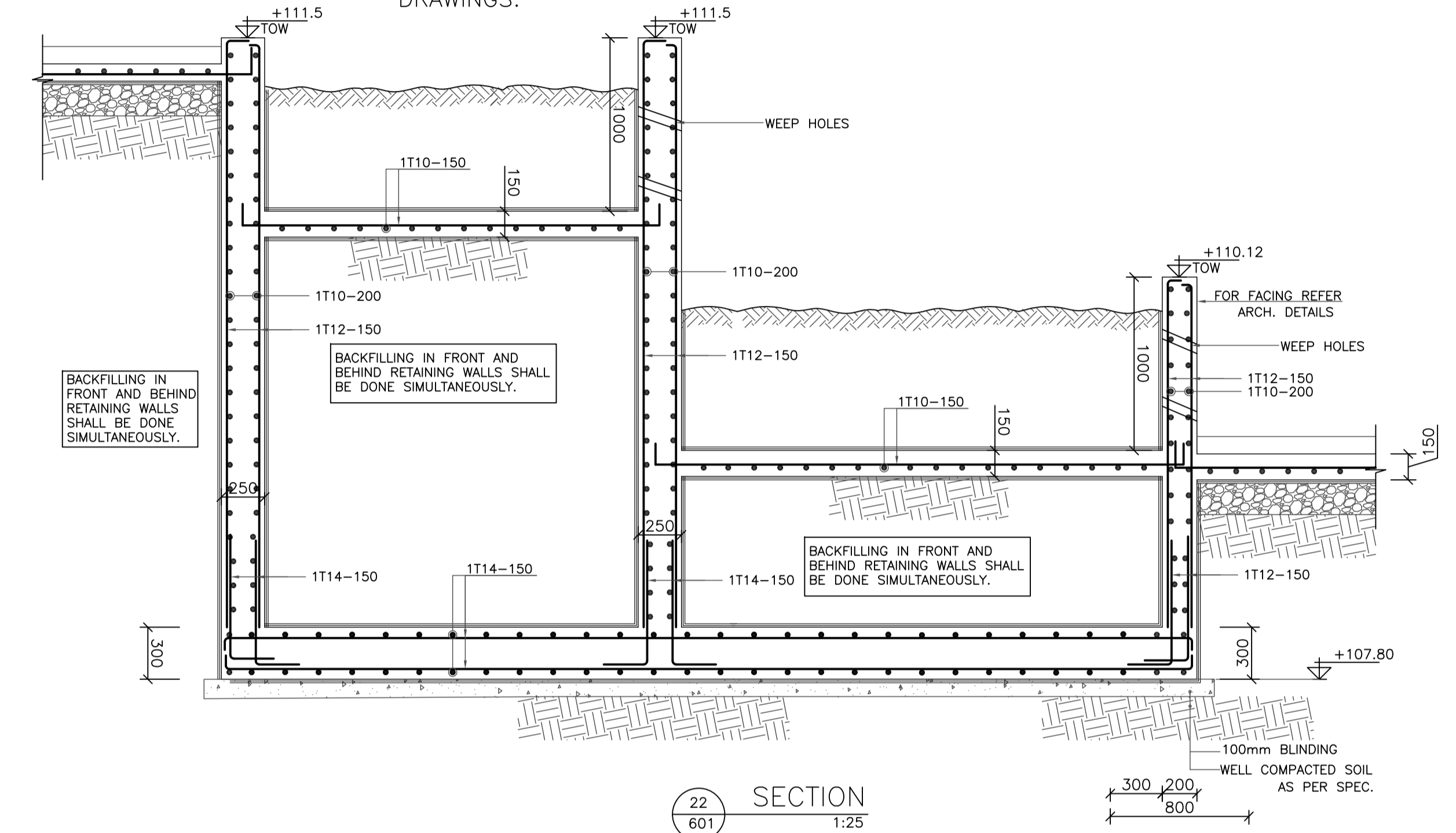
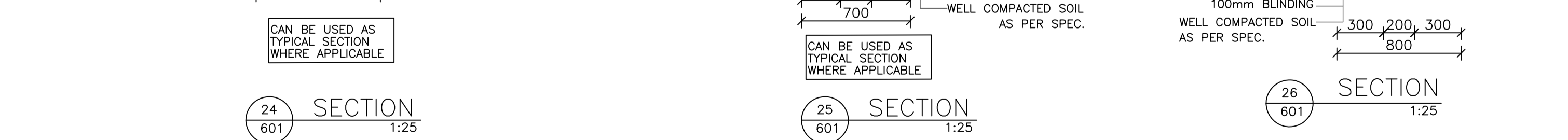
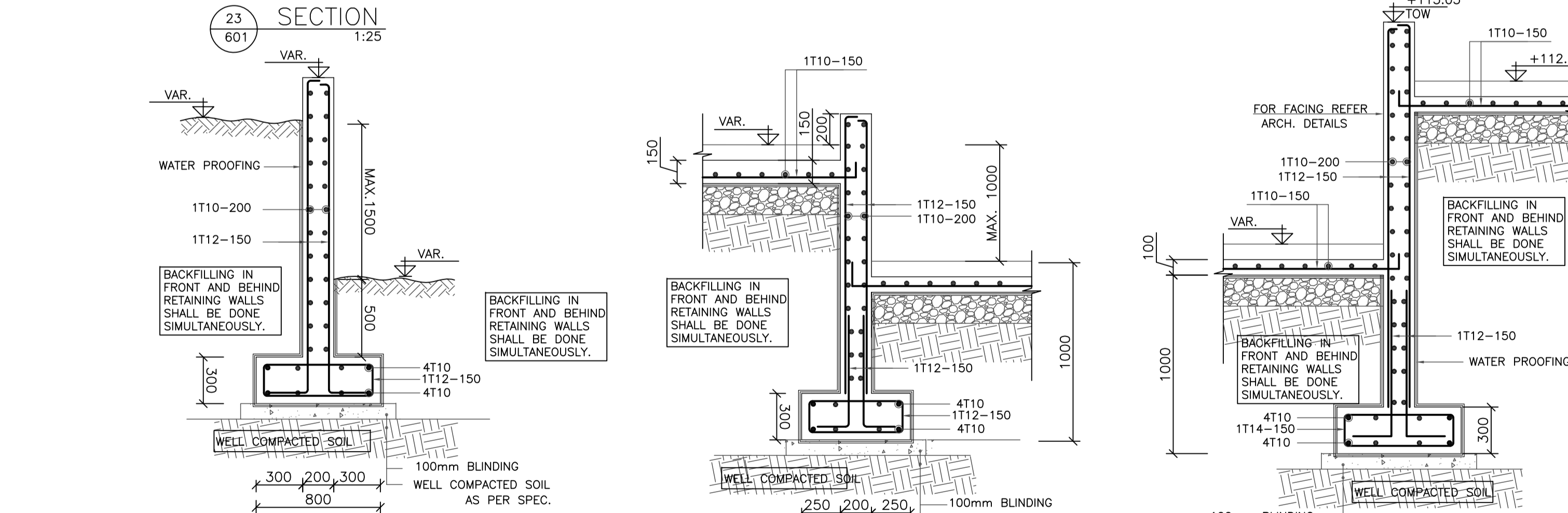
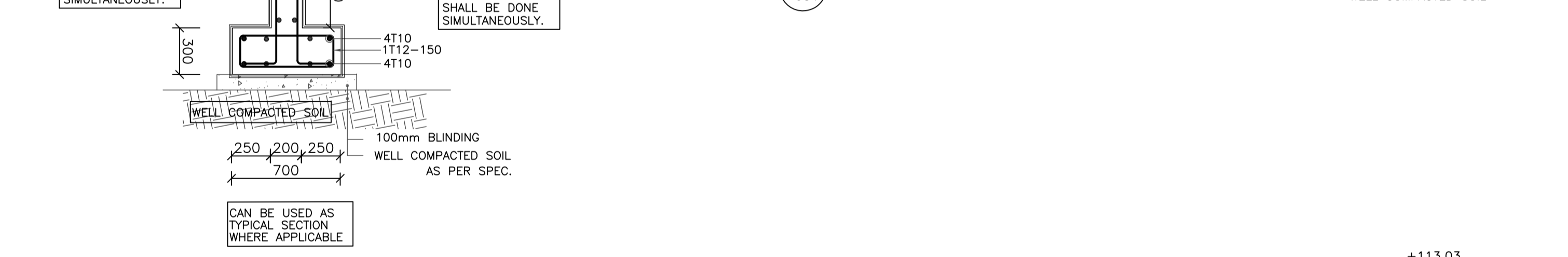
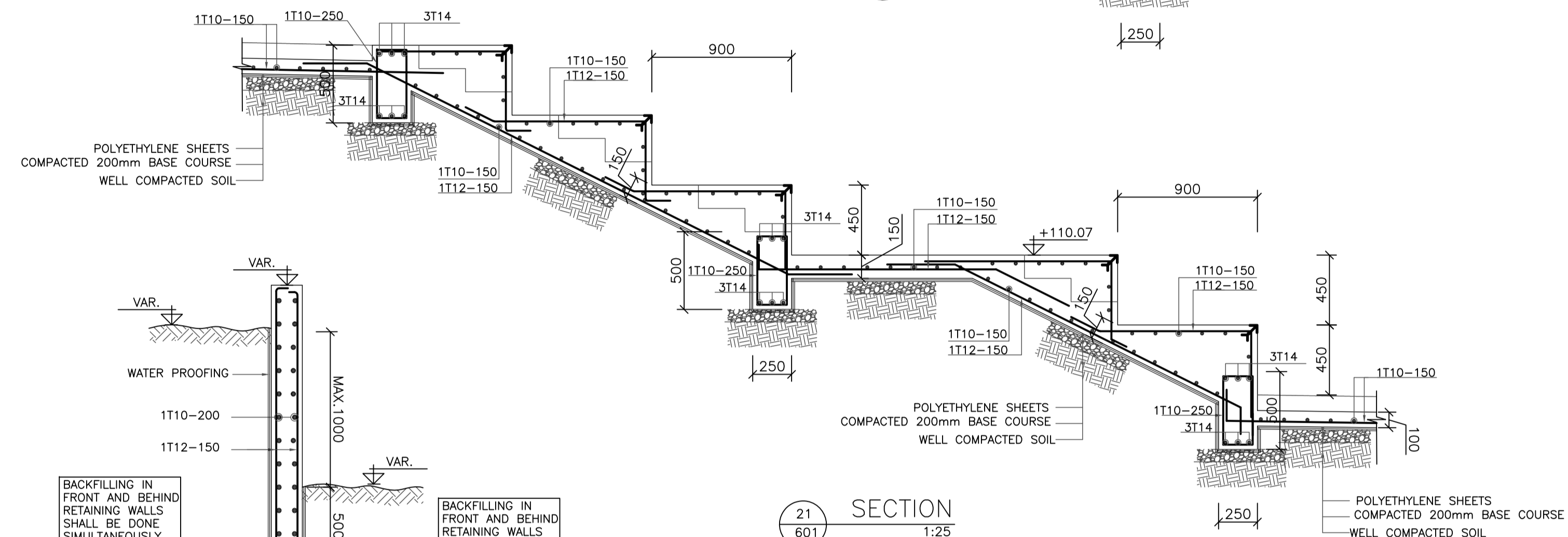
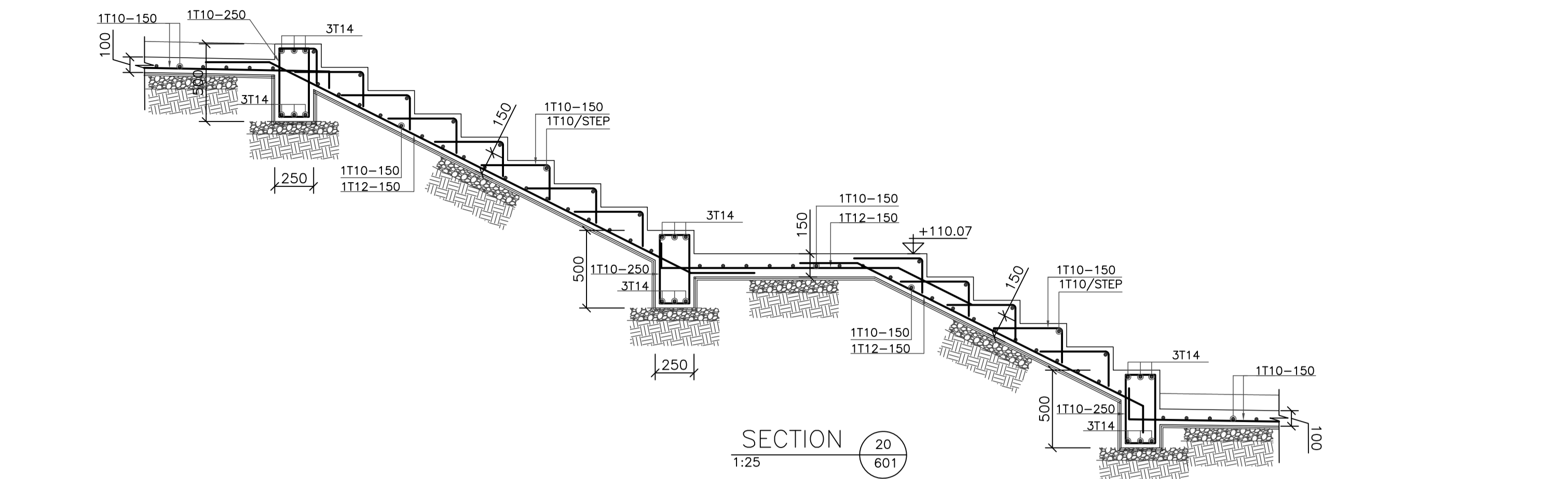
PHASE III	HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)
PACKAGE 2	SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME:	INTERNAL SITE PLAN- STRUCTURAL SECTIONS SHEET 5 OF 6
Design:	M.N.
Scale:	1:25
Date:	June 2019
Checked:	W.Z.
Approved:	

PLOT No	99	LOCATION	AL NABI HOOD	BASIN NO	003-AL HAMRA	DRAWING NUMBER:	SKEP 16-SD606	Rev:	0
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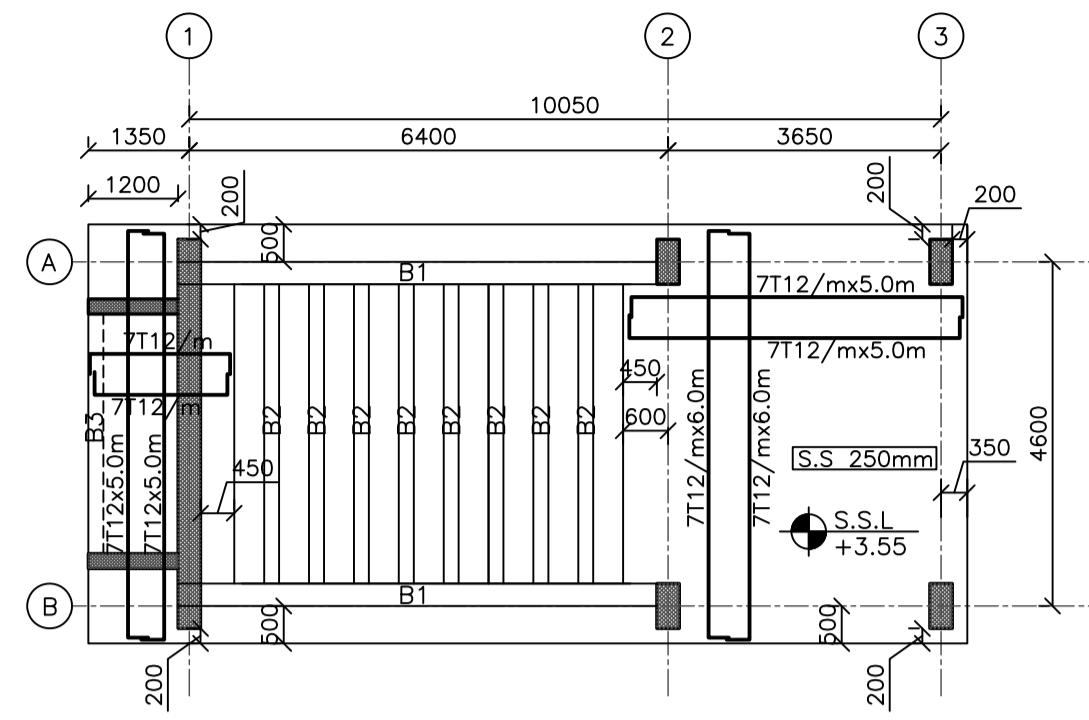
NOTES:

- BACKFILLING IN FRONT AND BEHIND RETAINING WALLS SHALL BE DONE SIMULTANEOUSLY.
- DO NOT BACKFILL AGAINST BUILDING FOUNDATION AND RETAINING WALLS UNTIL RESTRAINING SLABS AND ADEQUATE BRACING ARE IN PLACE. ALL BACKFILL SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH SPECIFICATIONS.
- DO NOT BACKFILL AGAINST CONCRETE CANTILEVER RETAINING WALLS UNTIL CONCRETE HAS ATTAINED ITS SPECIFIED 28-DAY COMPRESSIVE STRENGTH  $f_{cu}$ . ALL BACKFILL SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH THE SPECIFICATIONS.
- ALL EXCAVATION, FILL, COMPACTION, AND GRADING OF THE SITE SHALL BE IN ACCORDANCE WITH THE RECOMMENDATIONS CONTAINED IN THE PROJECT'S GEOTECHNICAL REPORT.
- FOR CASES WHERE THE FOUNDATION IS SPECIFIED TO BE PLACED ON COMPACTED FILL, THE EXISTING FILL SHALL BE COMPLETELY REMOVED AND REPLACED BY COMPACTED FILL IN ACCORDANCE WITH THE RECOMMENDATIONS CONTAINED IN THE PROJECT'S GEOTECHNICAL REPORT.
- FOR WEEP HOLES DETAILS REFER TO STRUCTURAL NOTES DWG. SG001
- REFER TO BOOK OF DETAILS FOR ANY STRUCTURES ELEMENTS & ARCHITECTURAL DETAILS WHICH ARE NOT SHOWN IN THESE DRAWINGS.

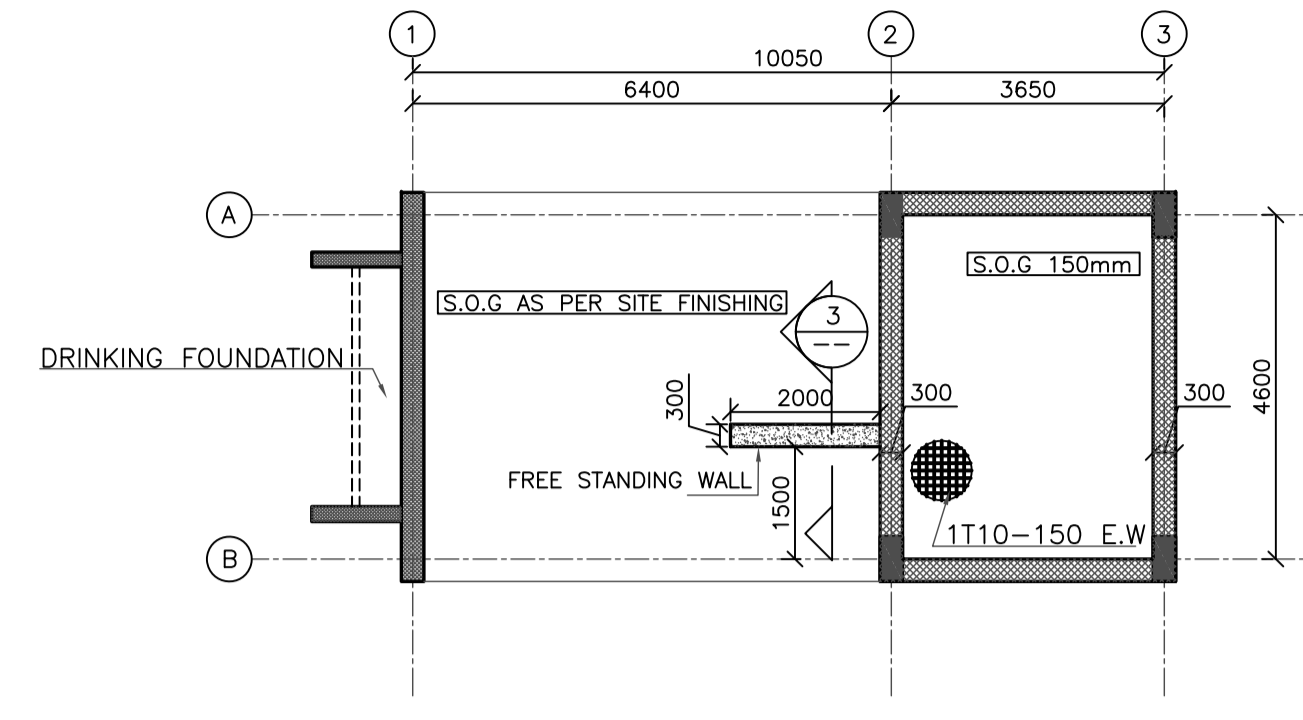


REV. DATE REMARKS			NOTES:						PHASE III HAY AL ISKAN BASIC MIXED SCHOOL (JERASH) PACKAGE 2 SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)			DRAWING NAME: INTERNAL SITE PLAN-STRUCTURAL SECTIONS SHEET 6 OF 6 PLOT No 99 LOCATION AL NABI HOOD BASIN NO 003-AL HAMRA			Design: M.N. Scale: 1:25 Date: June 2019 Drawn: CAD Checked: V.Z. Approved: V.Z. DRAWING NUMBER: SKEP 16-SD607			North Rev: 0		
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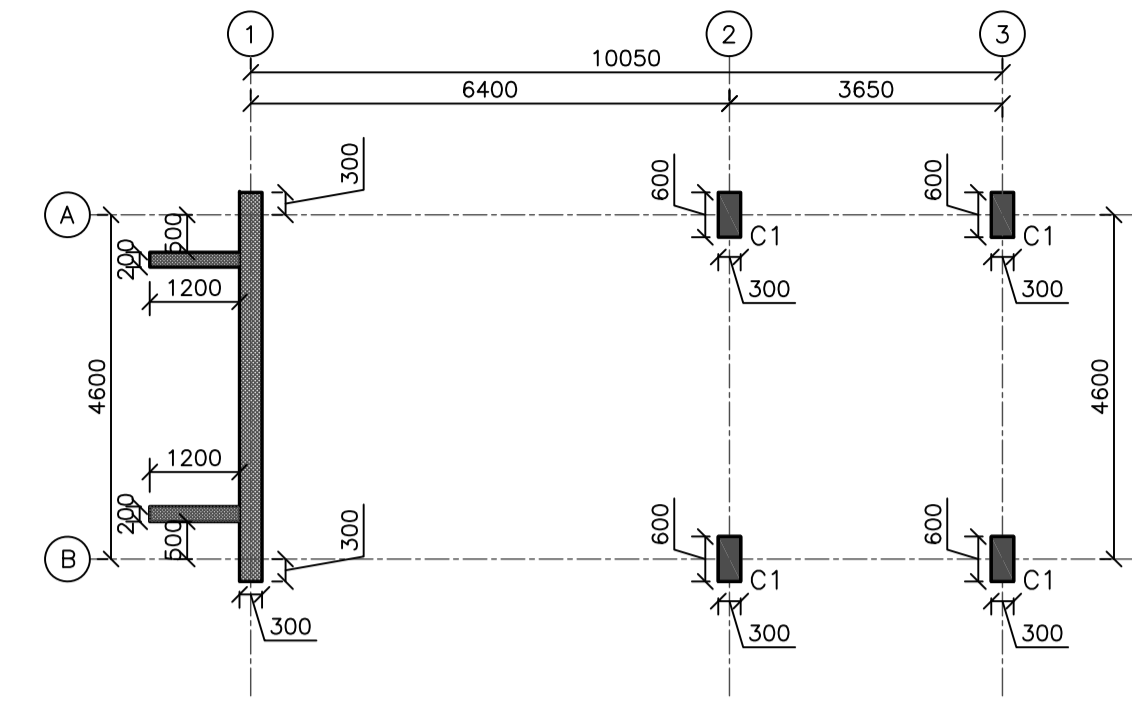




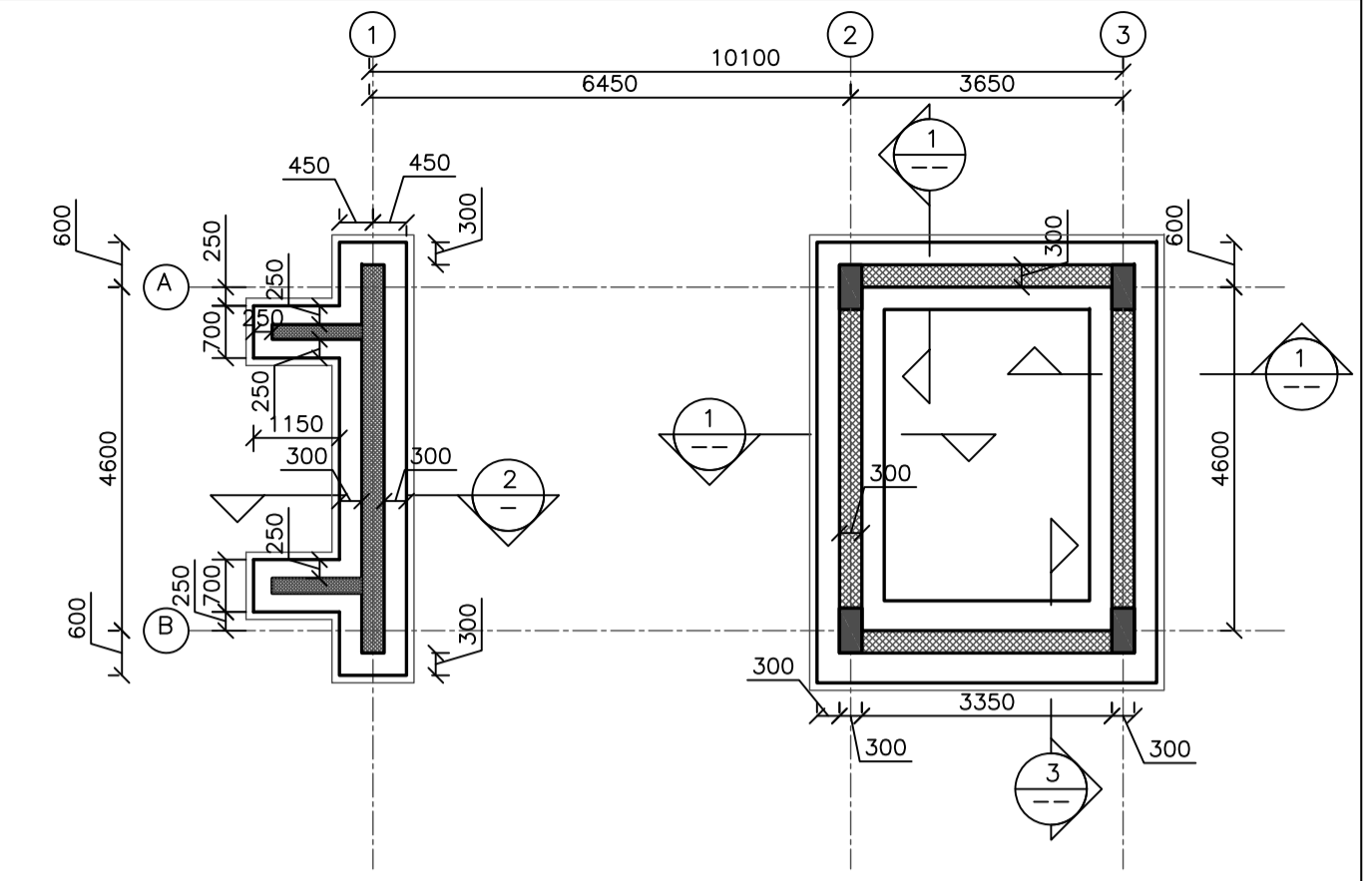
ROOF FLOOR FRAMING PLAN  
1:100



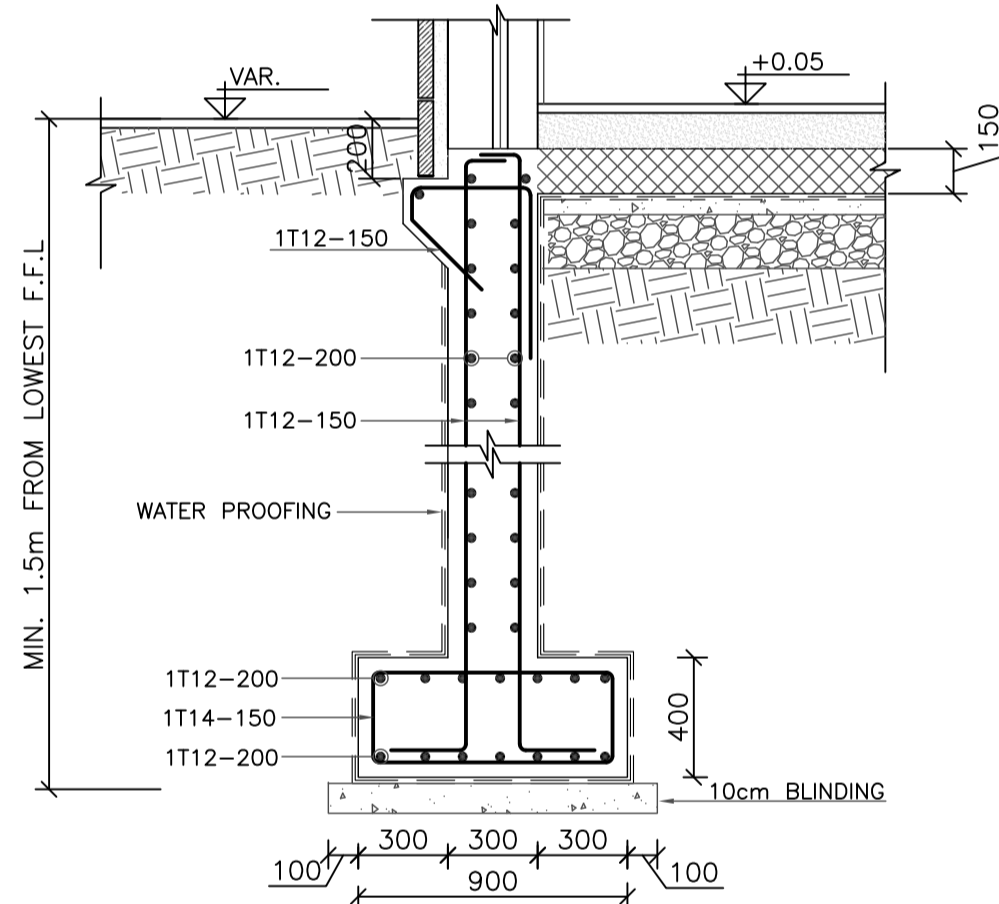
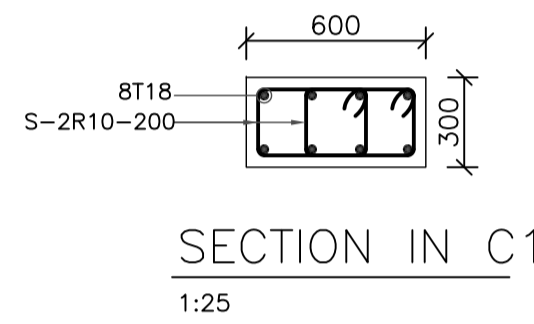
SLAB ON GRADE  
1:100



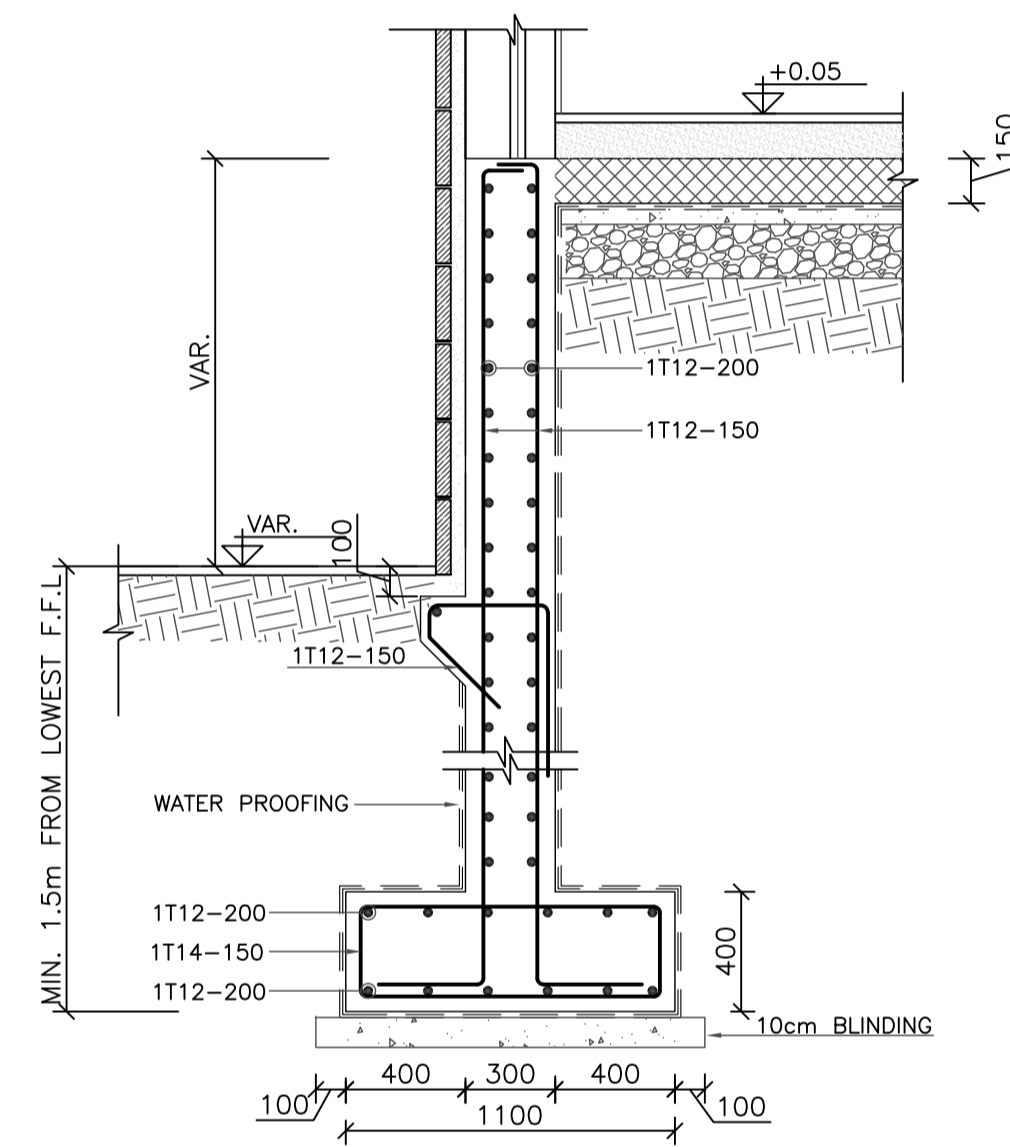
COLUMNS LAYOUT  
1:100



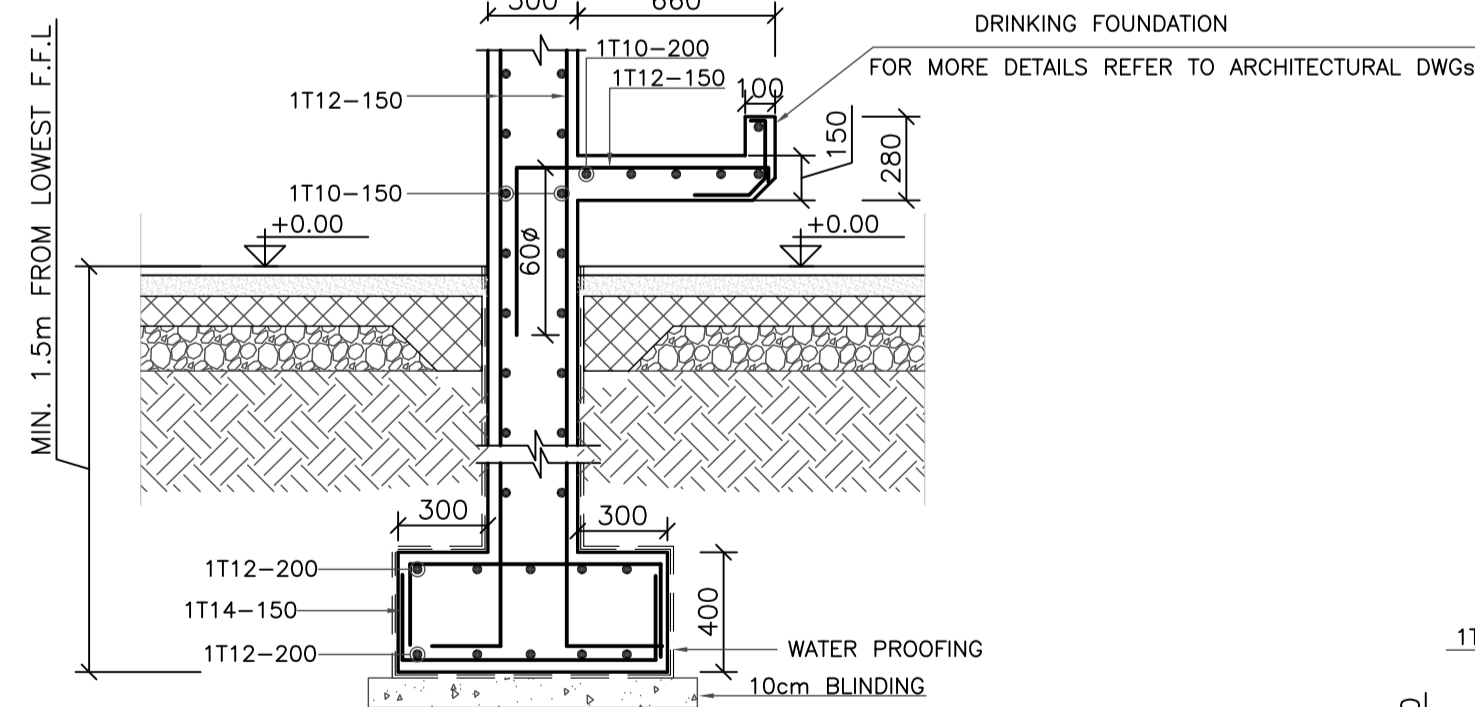
FOUNDATION PLAN  
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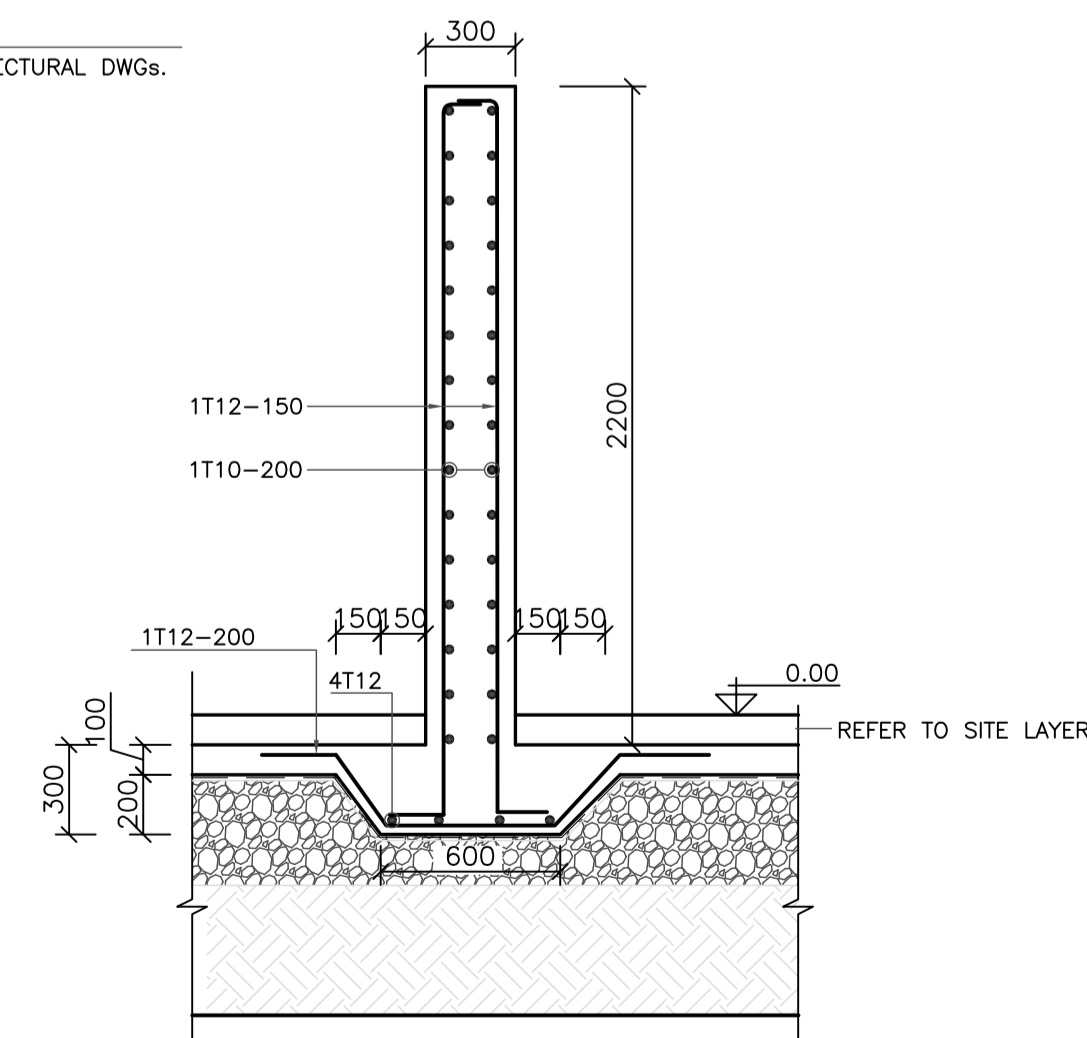
SECTION 1  
1:25



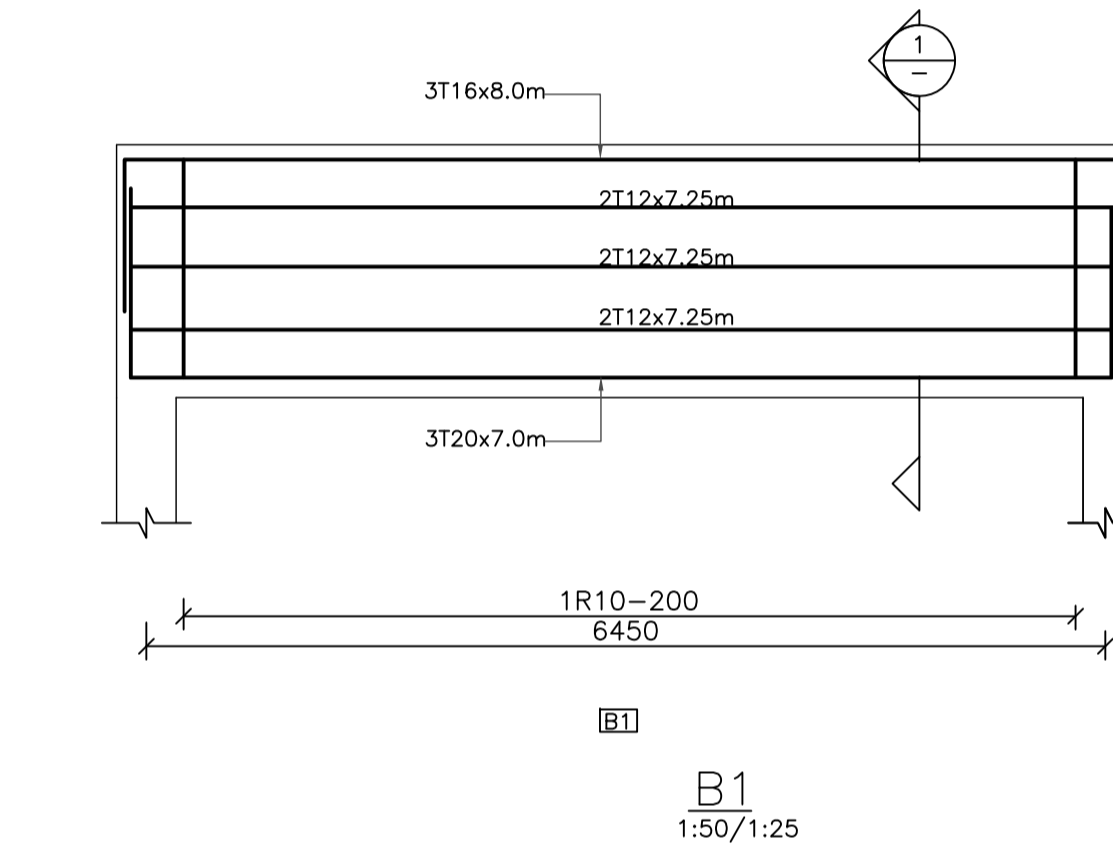
SECTION 3  
1:25



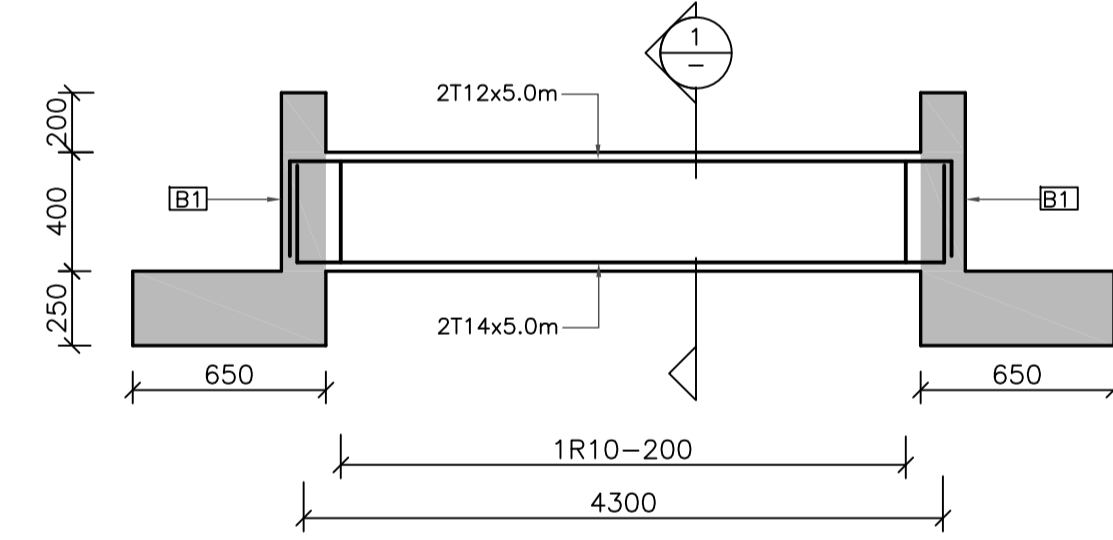
SECTION 2  
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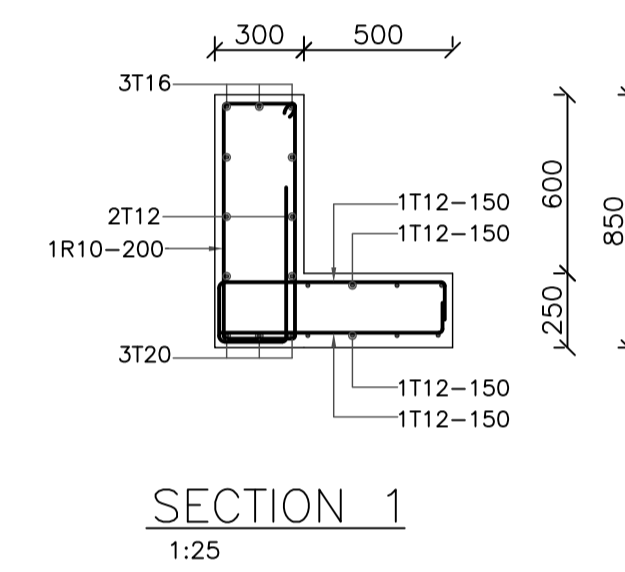
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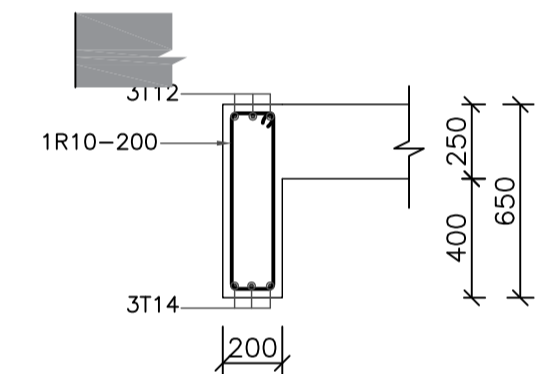
B1  
1:50/1:25



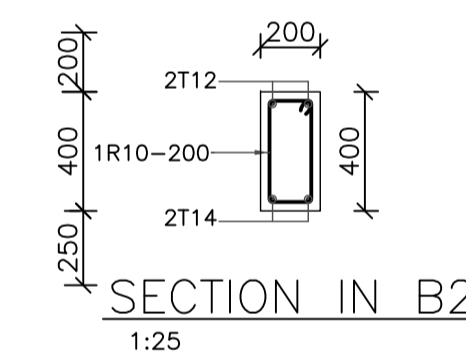
B2  
1:50/1:25



SECTION 1  
1:25



SECTION IN B3  
1:25



SECTION IN B2  
1:25

NOTE: THE FOUNDATION IS RECOMMENDED TO BE LAID DIRECTLY ON INTERBEDDED AND/OR MARLY CLAY AND OR/ CHALKY TO CLAYEY MARL/MARLSTONE MATERIALS

REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

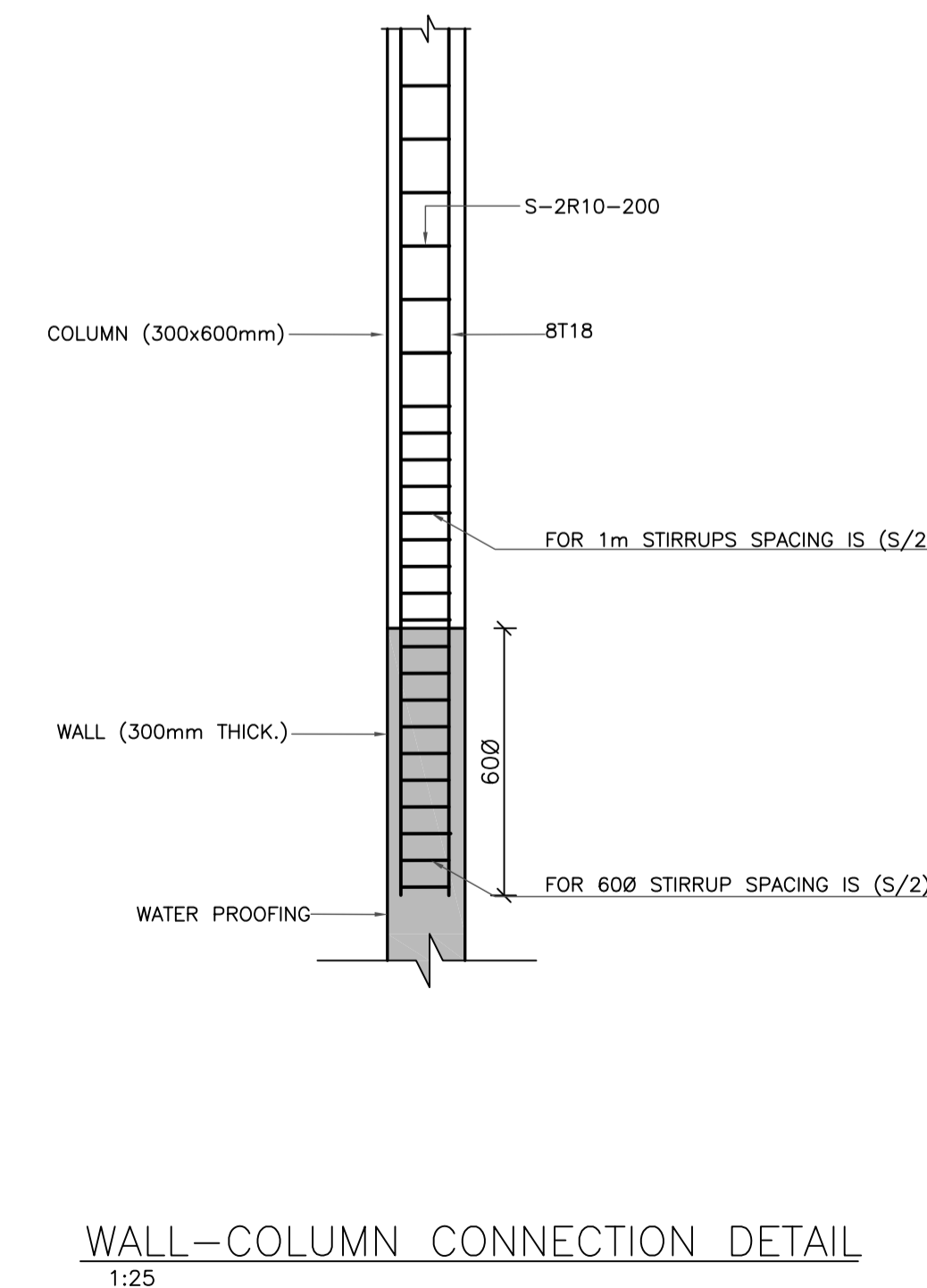
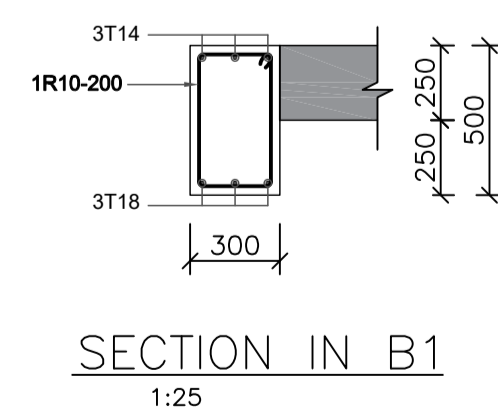
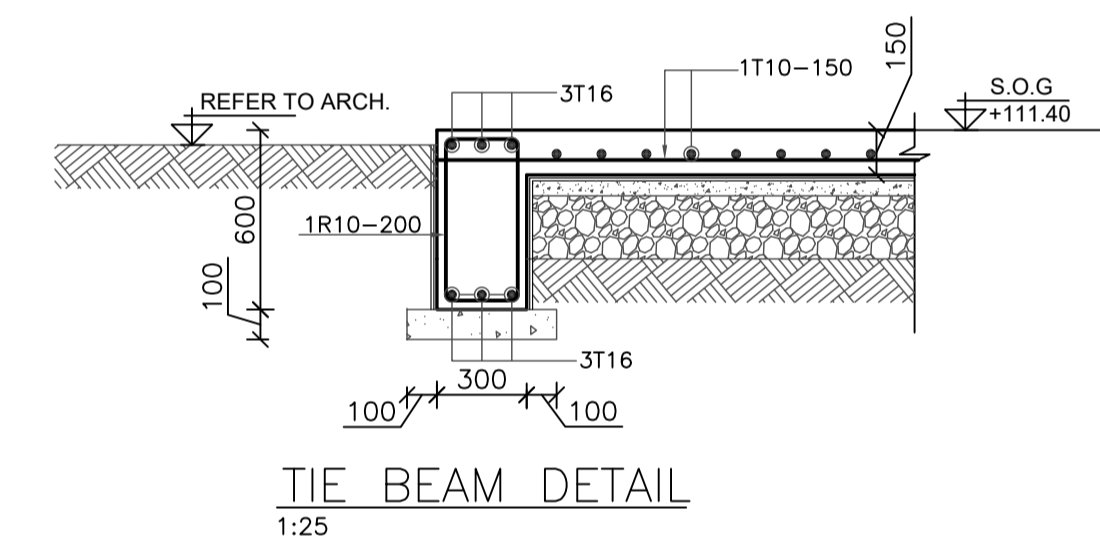
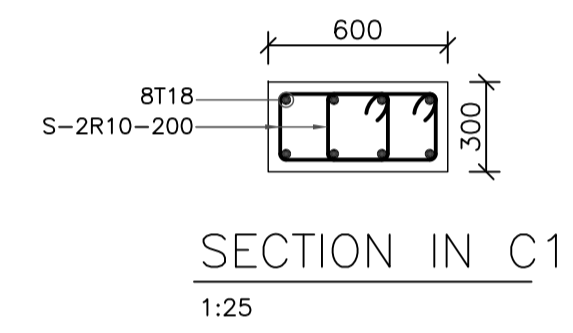
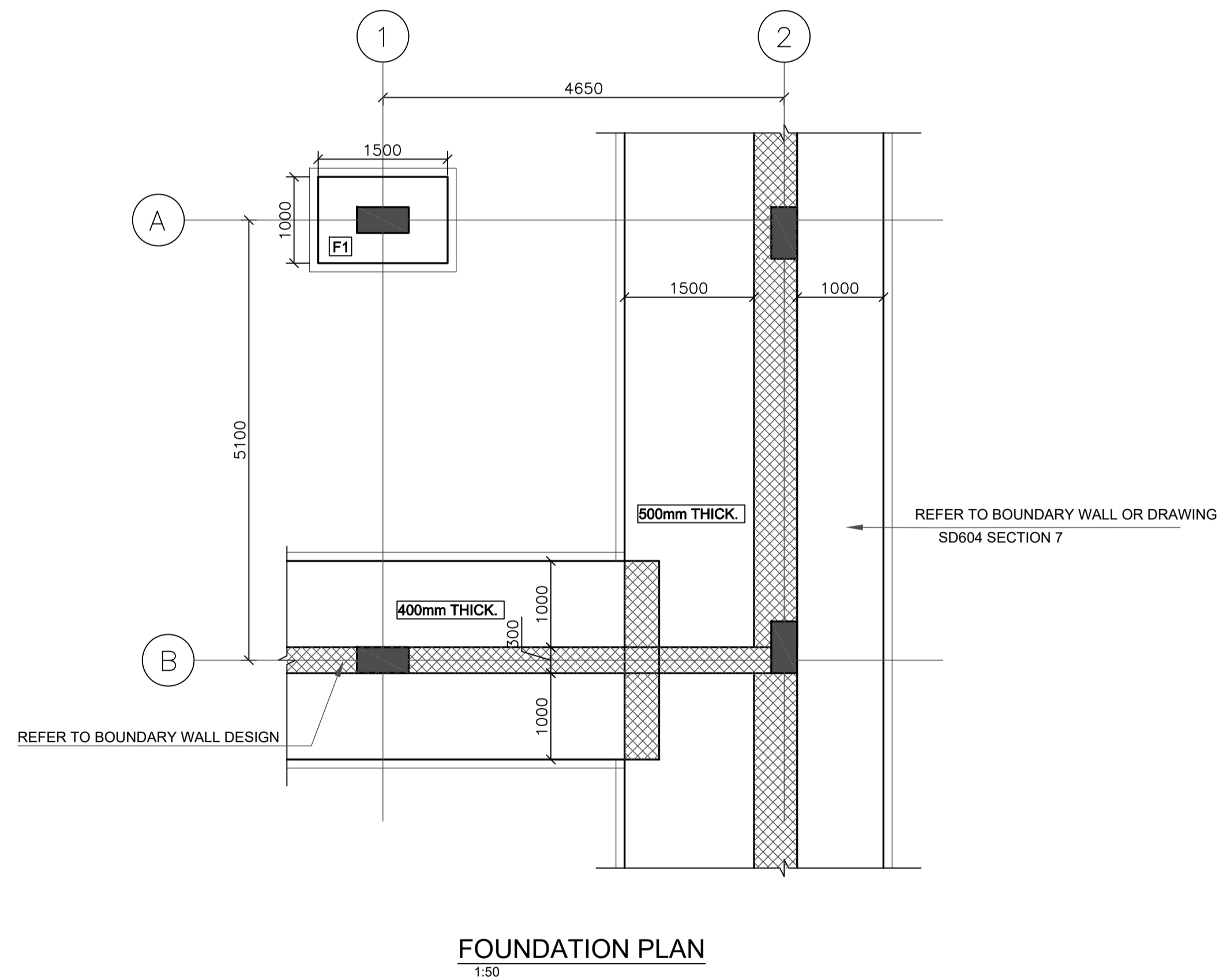
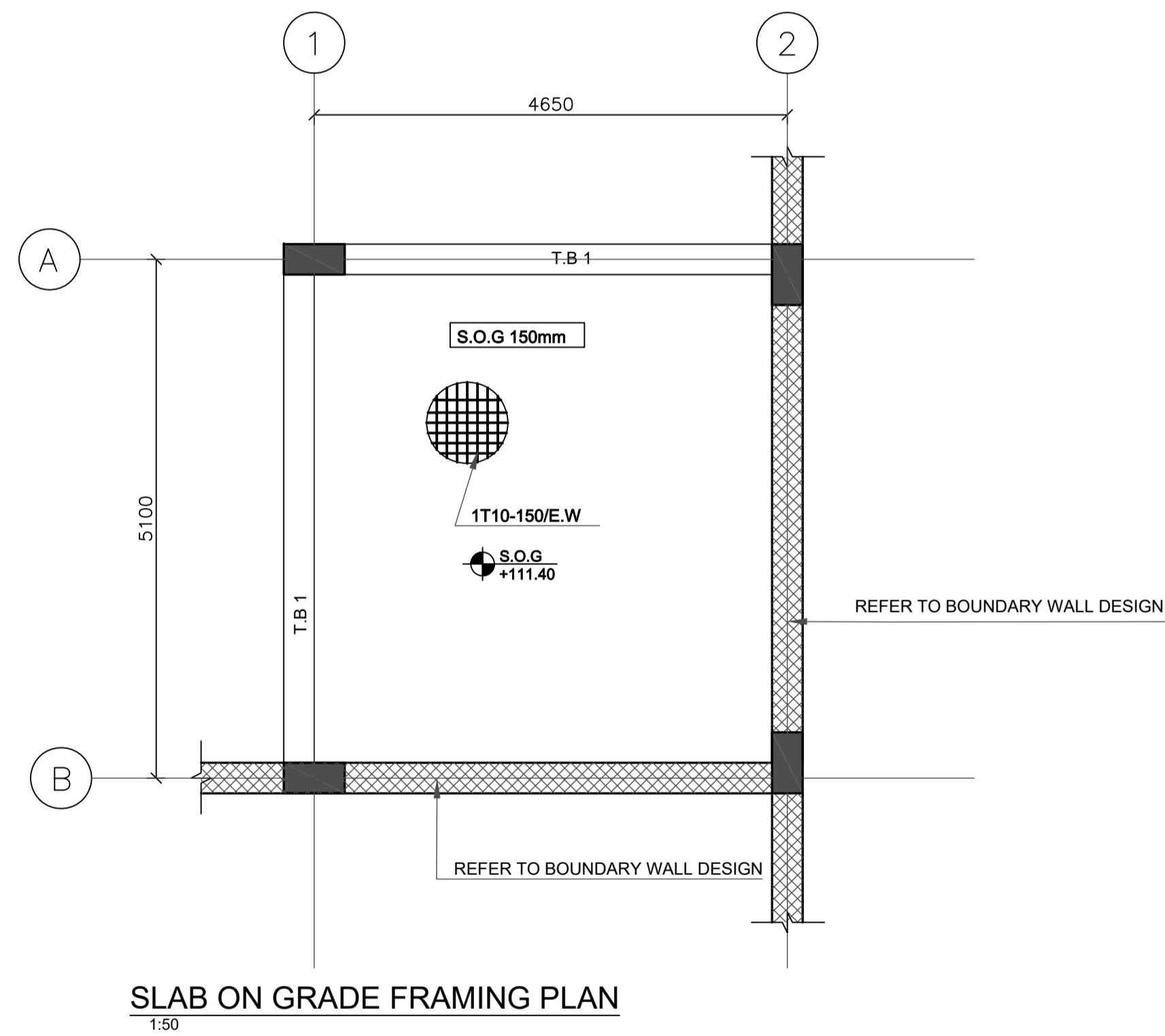
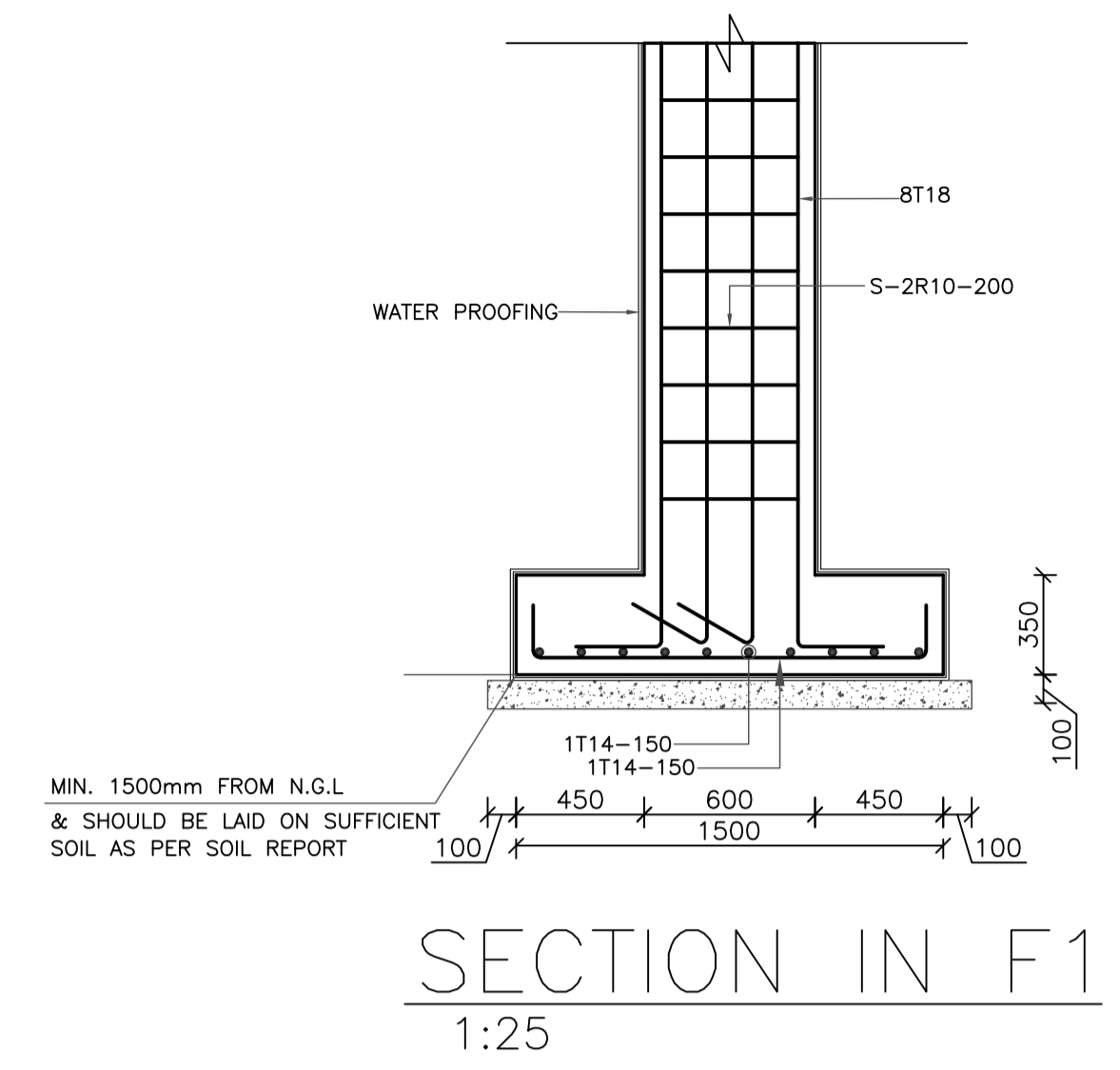
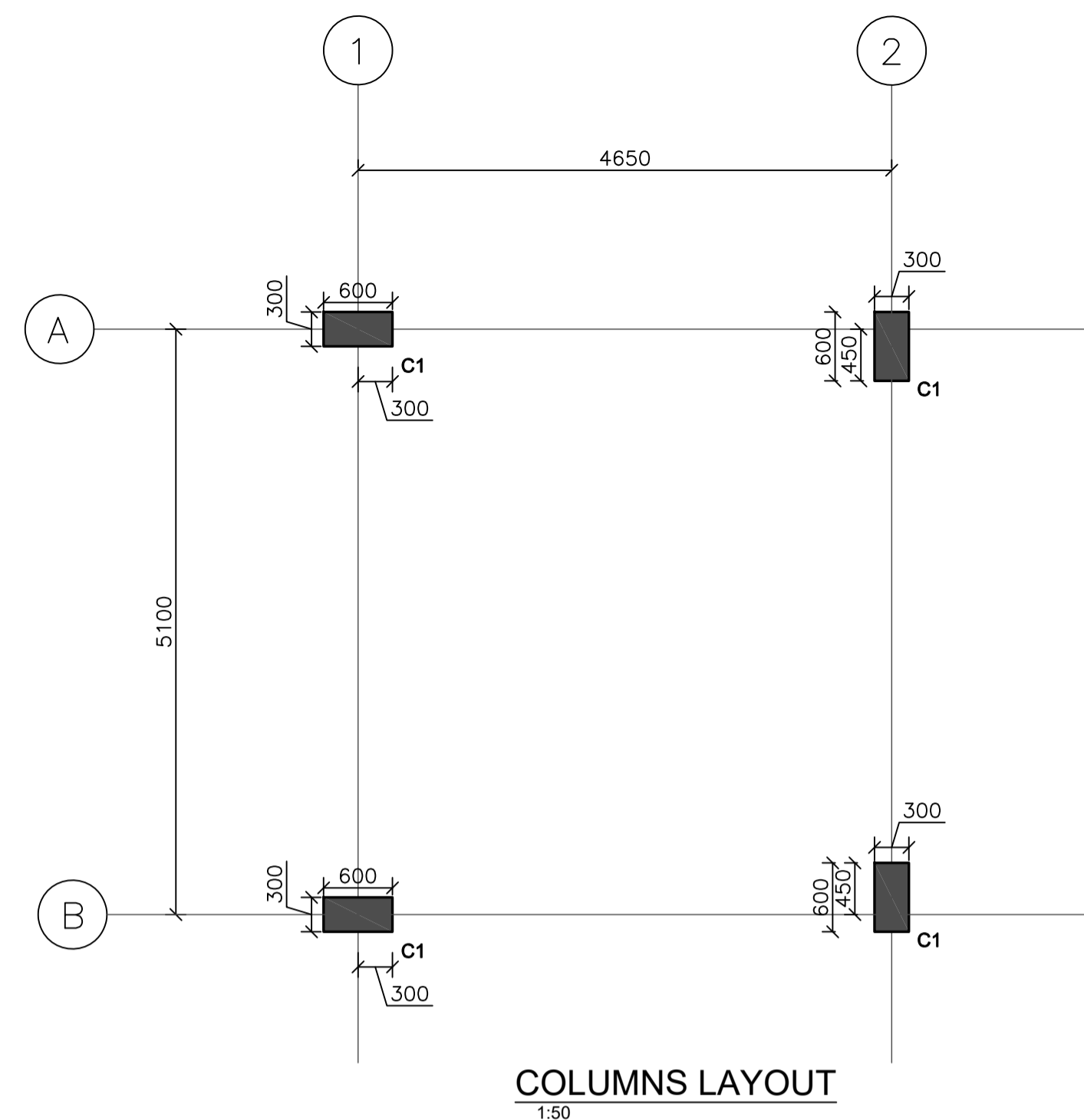
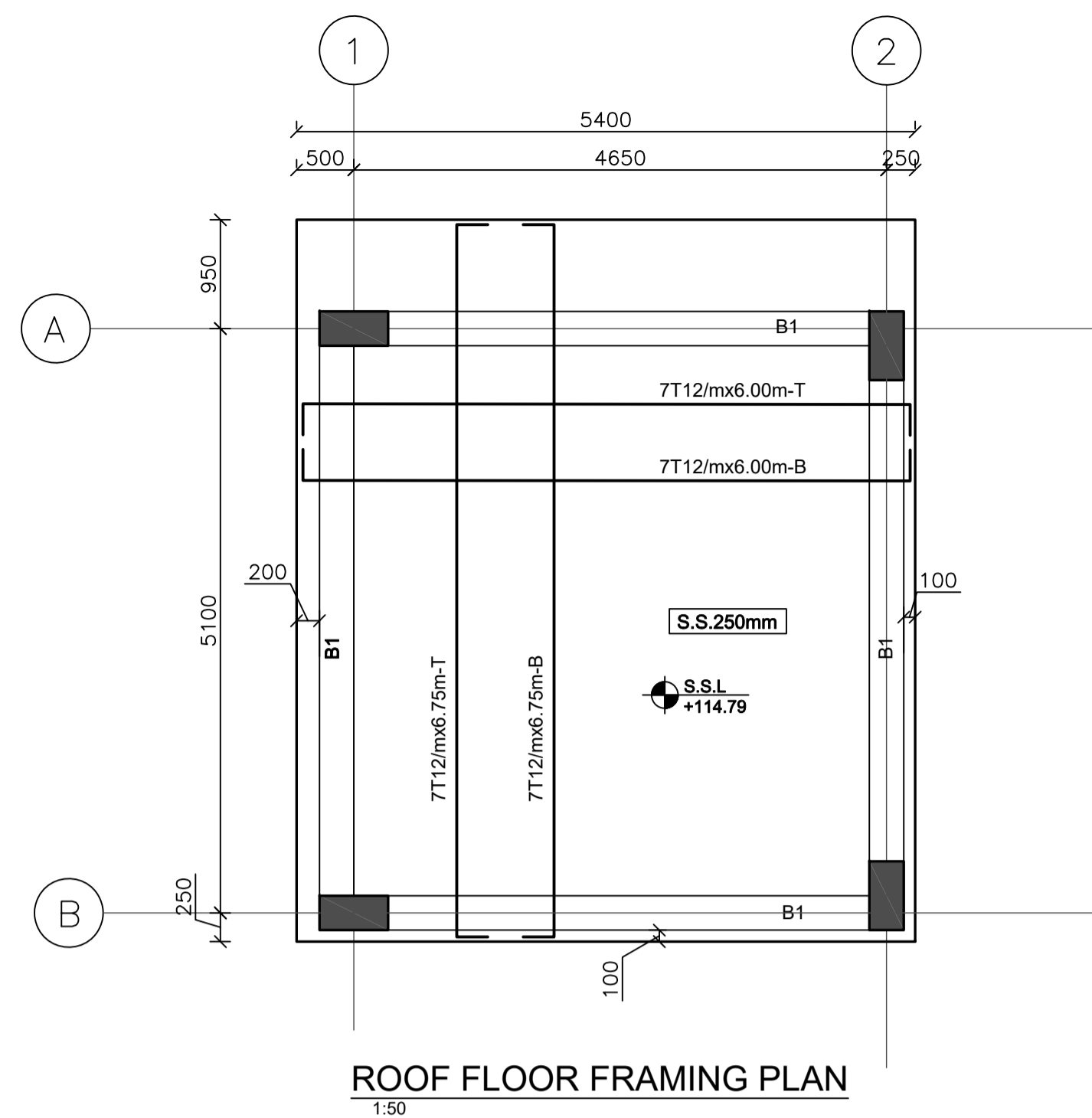
NOTES:



PHASE III	HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)
PACKAGE 2	SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME:	GUARD HOUSE STRUCTURAL DETAILS
Design:	M.N.
Drawn:	CAD
Scale:	AS SHOWN
Date:	June 2019
Approved:	W.Z.
PLOT No:	99
LOCATION:	AL NABI HOOD
BASIN NO:	003-AL HAMRA
DRAWING NUMBER:	SKEP 16-SD608

Checked:	
North:	
Rev.:	0



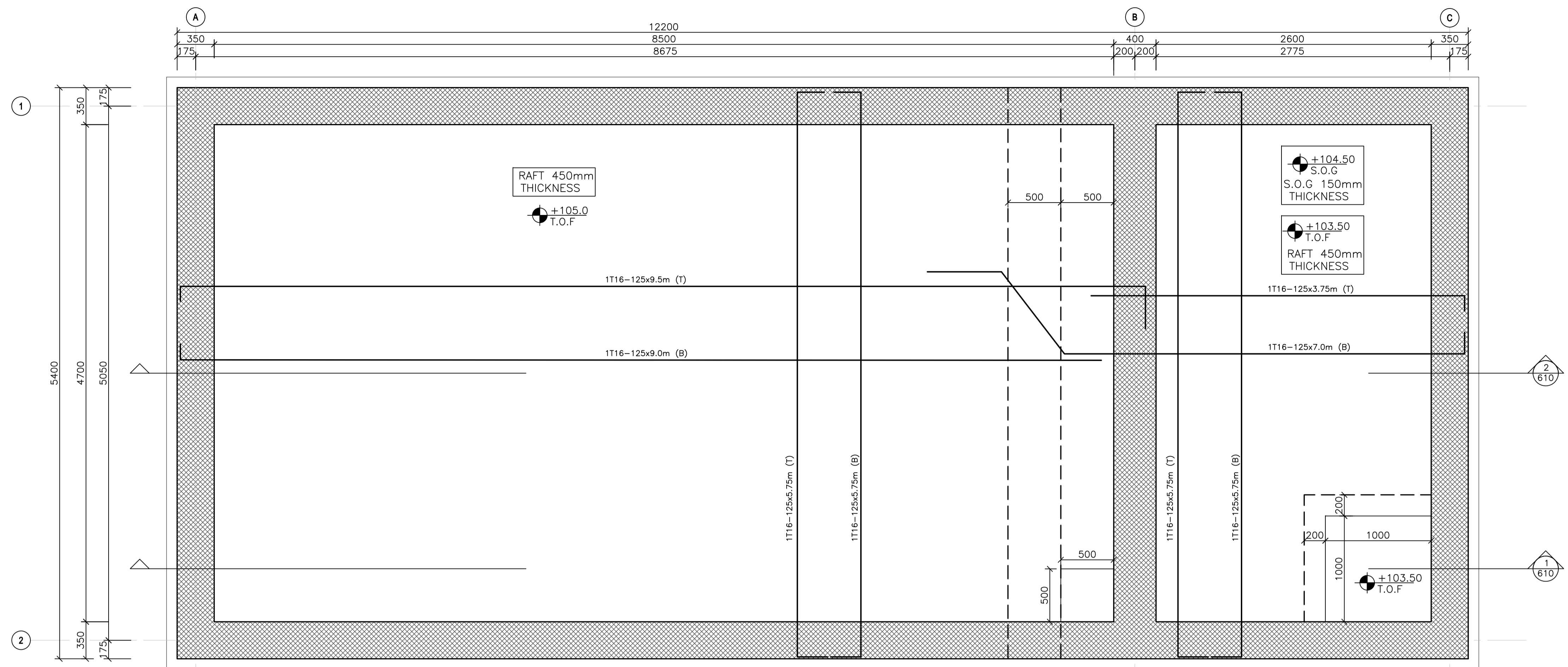
REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

NOTES:

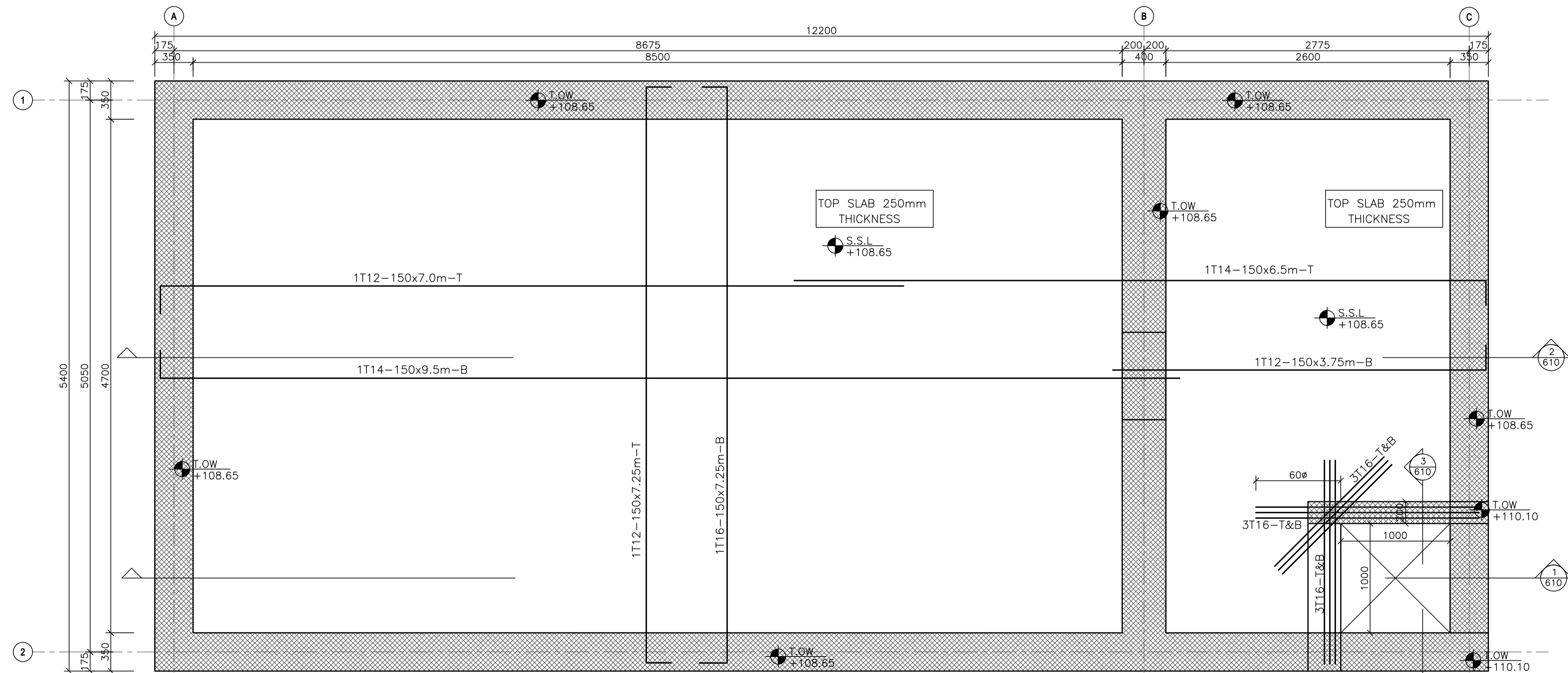


PHASE III HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
 PACKAGE 2 SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME: CANTEEN STRUCTURAL DETAILS		Design: M.N.	Drawn: CAD	Checked:	North
PLOT No: 99		Scale: AS SHOWN	Date: June 2019	Approved: W.Z.	Rev: 0
LOCATION: AL NABI HOOD	BASIN NO: 003-AL HAMRA	DRAWING NUMBER: SKEP 16-SD609			



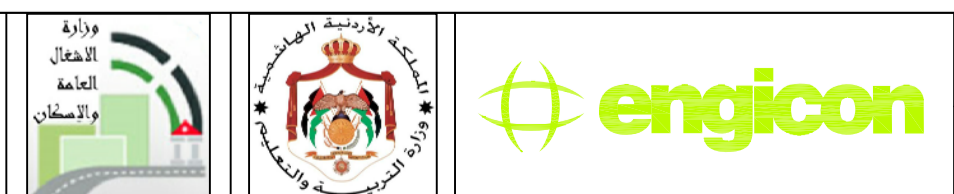
FOUNDATION REINFORCEMENT PLAN  
1:25



TOP REINFORCEMENT PLAN  
1:25

REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

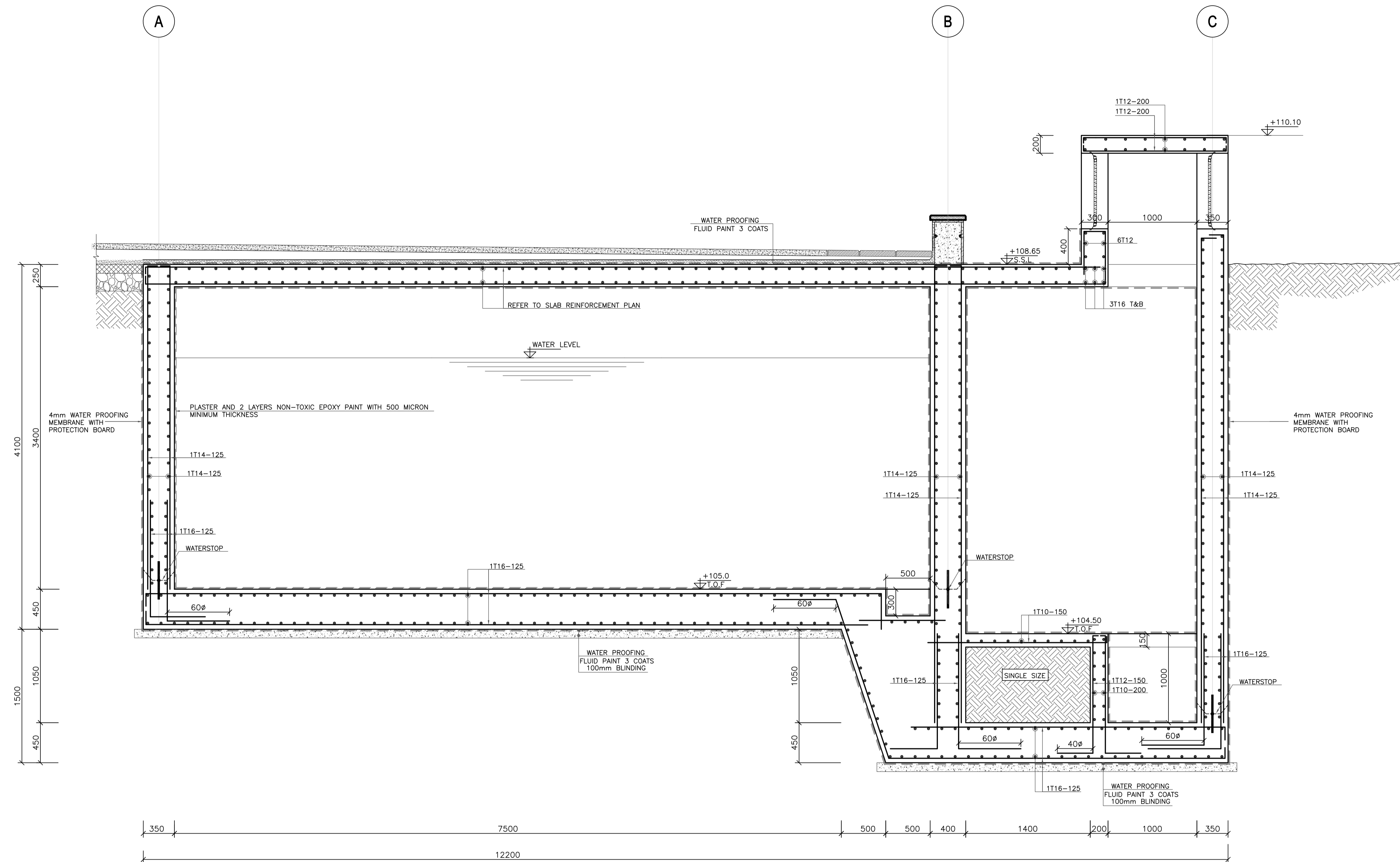
NOTES:



PHASE III  
PACKAGE 2  
HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME:  
RAIN WATER TANK STRUCTURAL PLANS  
PLOT No: 99  
LOCATION: AL NABI HOOD  
BASIN NO: 003-AL HAMRA

Design: M.N.  
Scale: 1/25  
Date: June 2019  
Checked: CAD  
Approved: W.Z.  
DRAWING NUMBER: SKEP 16-SD610  
Rev.: 0



SECTION 1  
1:25

REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

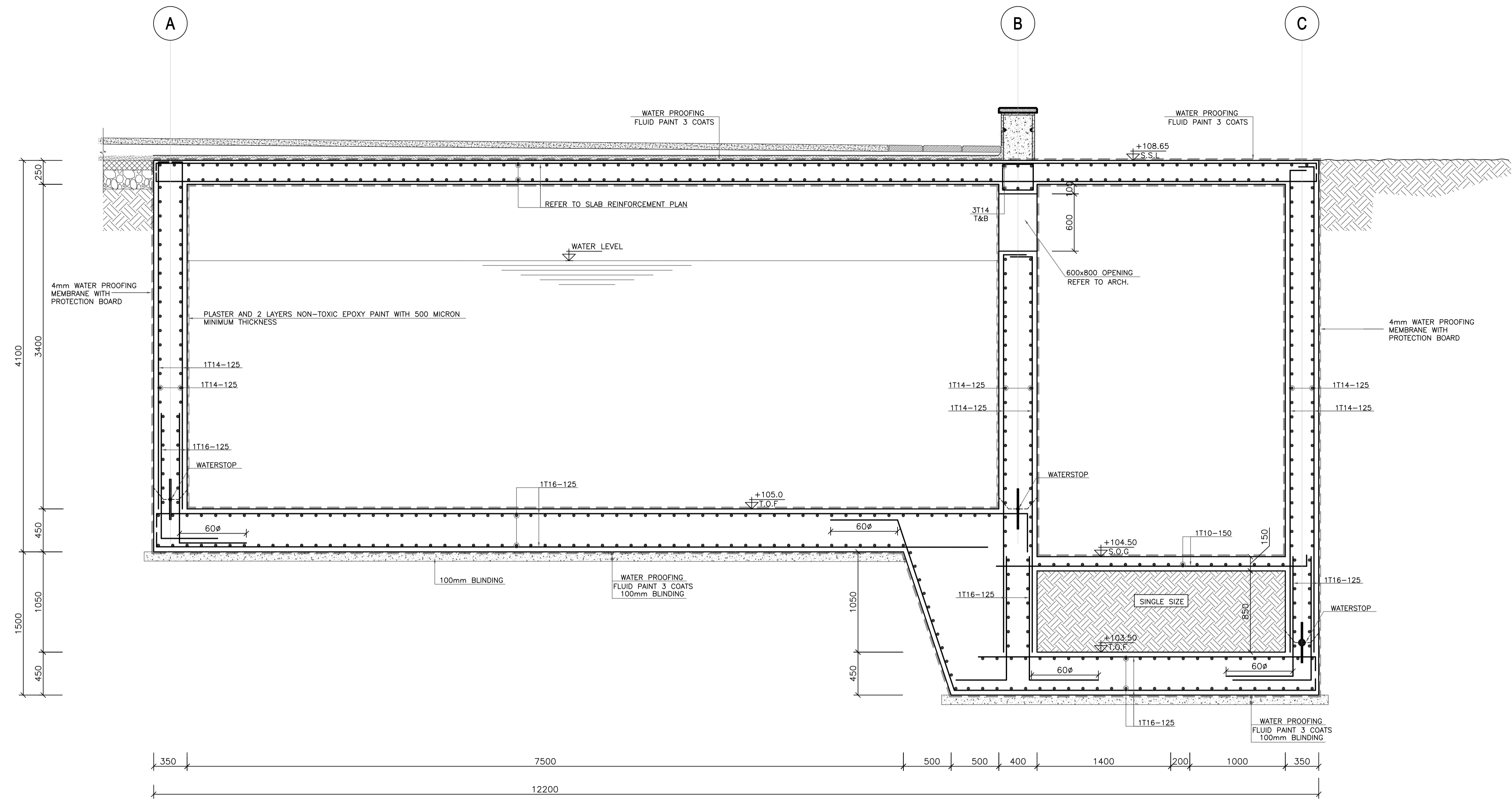
NOTES:



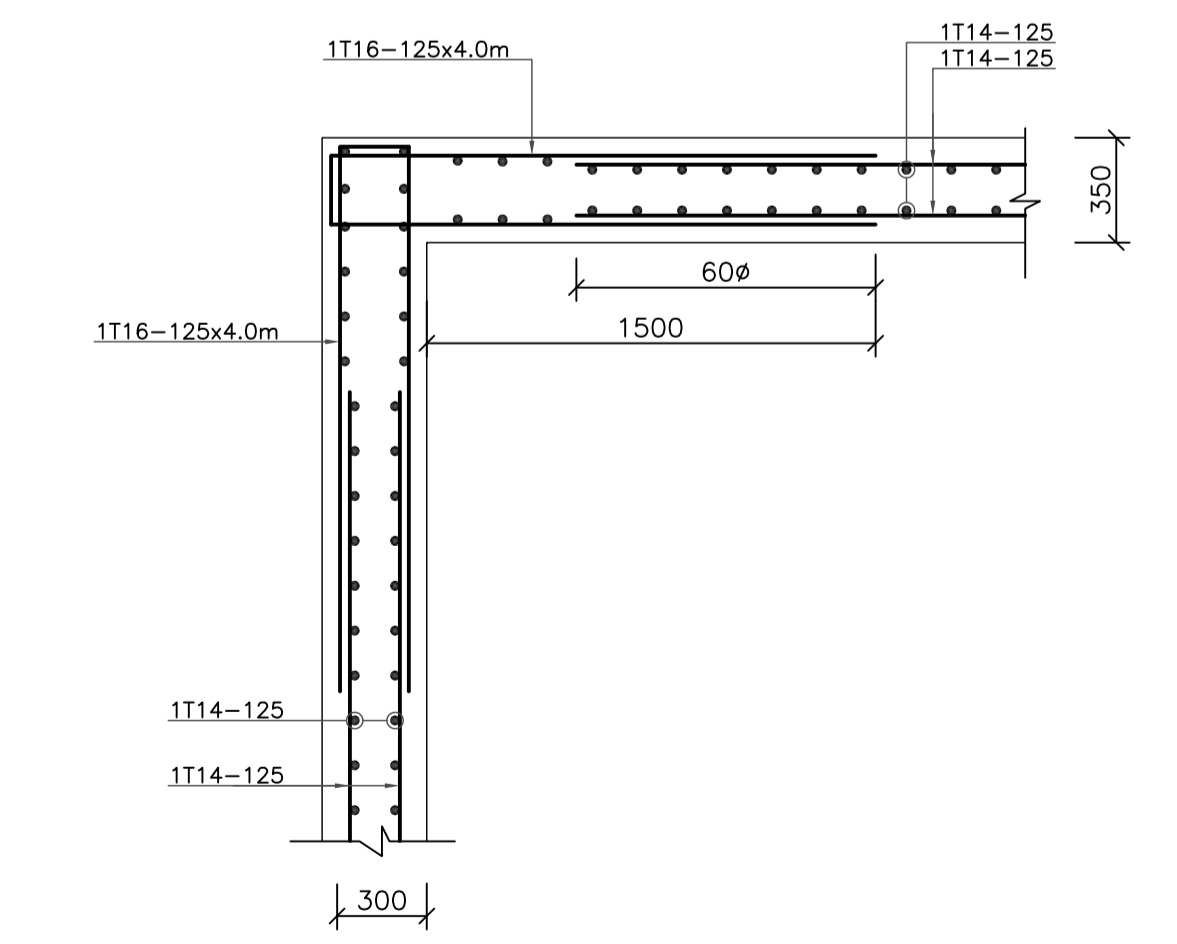
PHASE III	HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)
PACKAGE 2	SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME:	RAIN WATER TANK STRUCTURAL SECTION 1
Design:	M.N.
Drawn:	CAD
Scale:	1/25
Date:	June 2019
Approved:	W.Z.

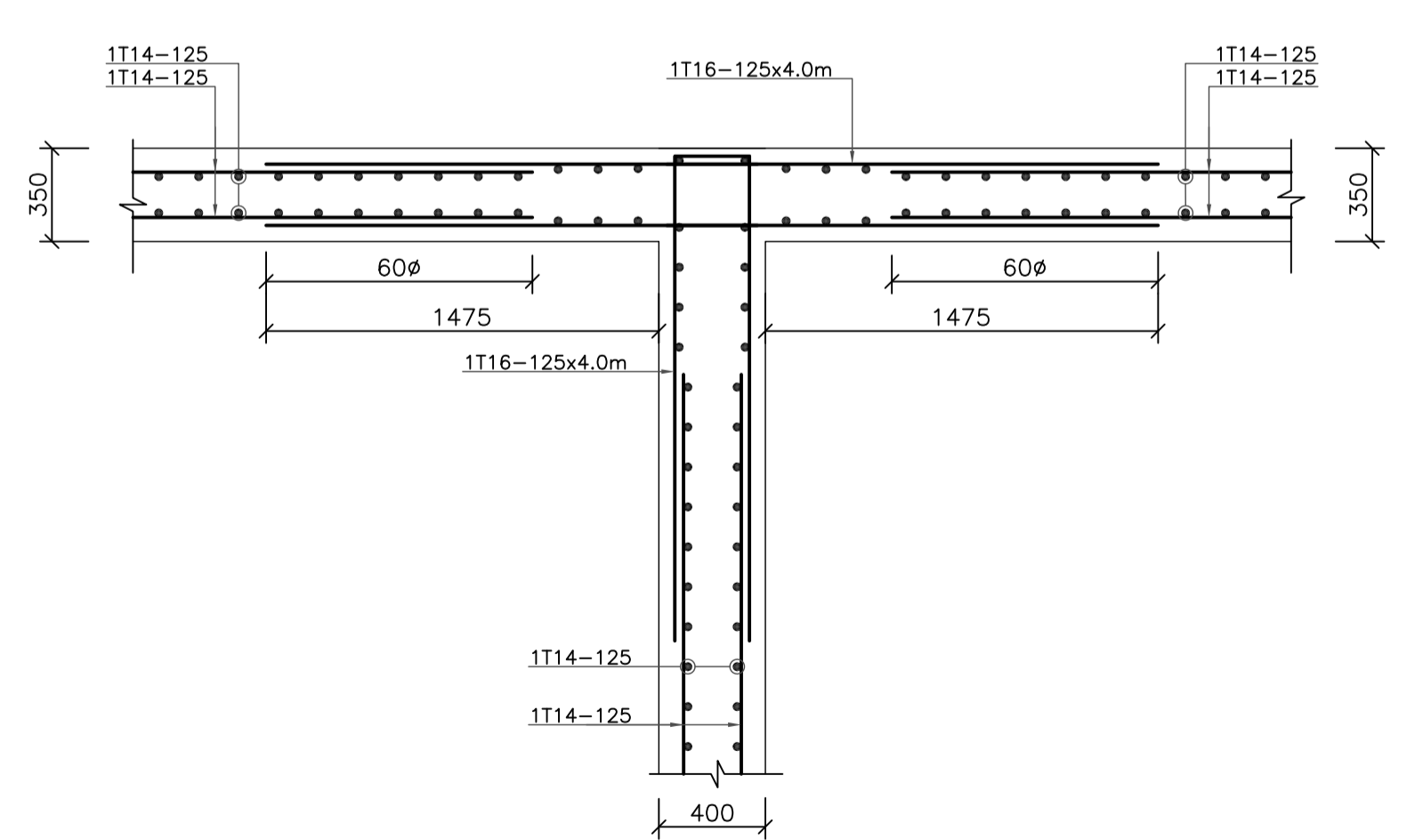
PLOT No	99	LOCATION	AL NABI HOOD	BASIN NO	003-AL HAMRA	DRAWING NUMBER:	SKEP 16-SD611	Rev:	0
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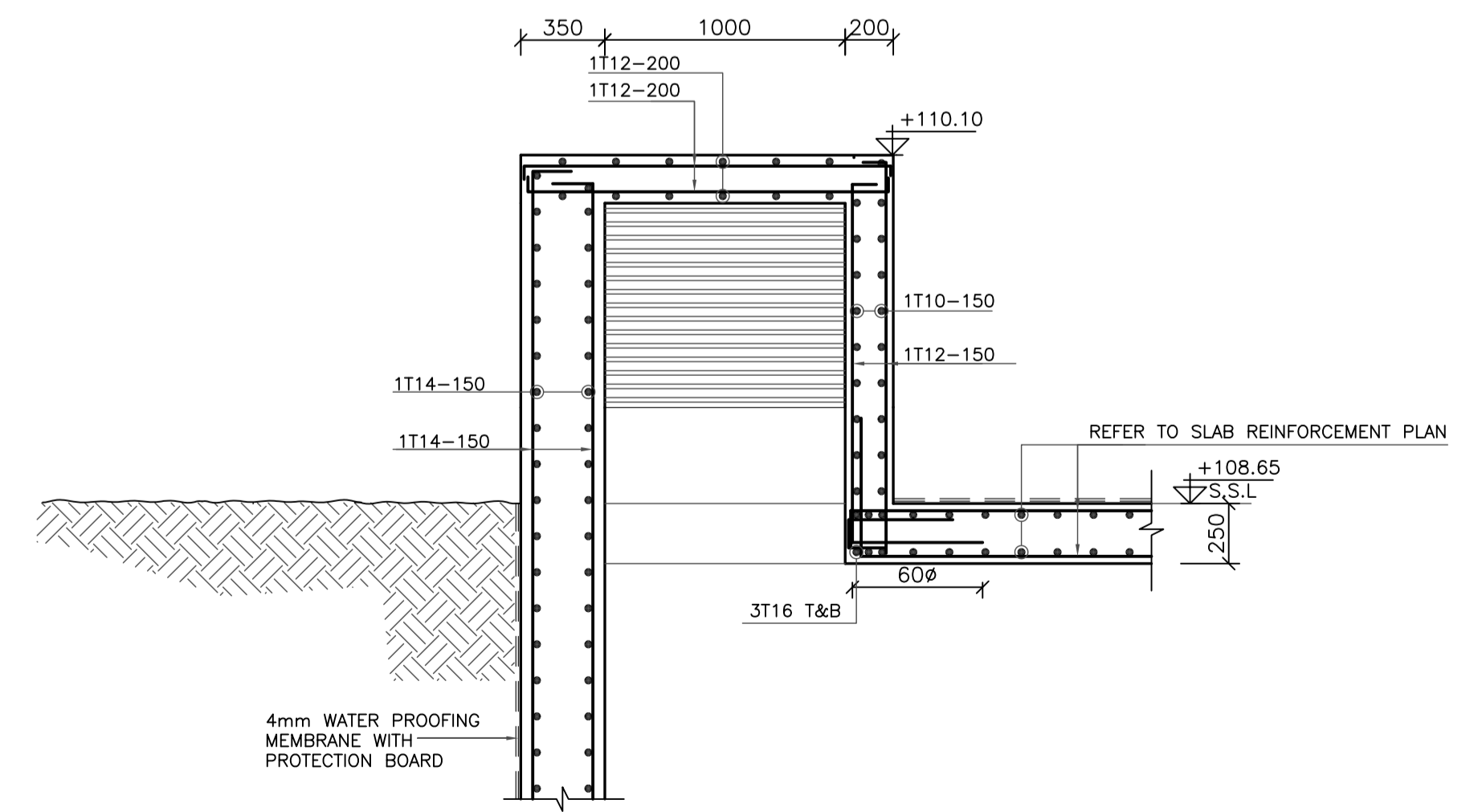
SECTION 2  
1:25



REINFORCEMENT DETAIL AT CORNER  
1:25



REINFORCEMENT DETAIL AT CORNER  
1:25



SECTION 3  
1:25

REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

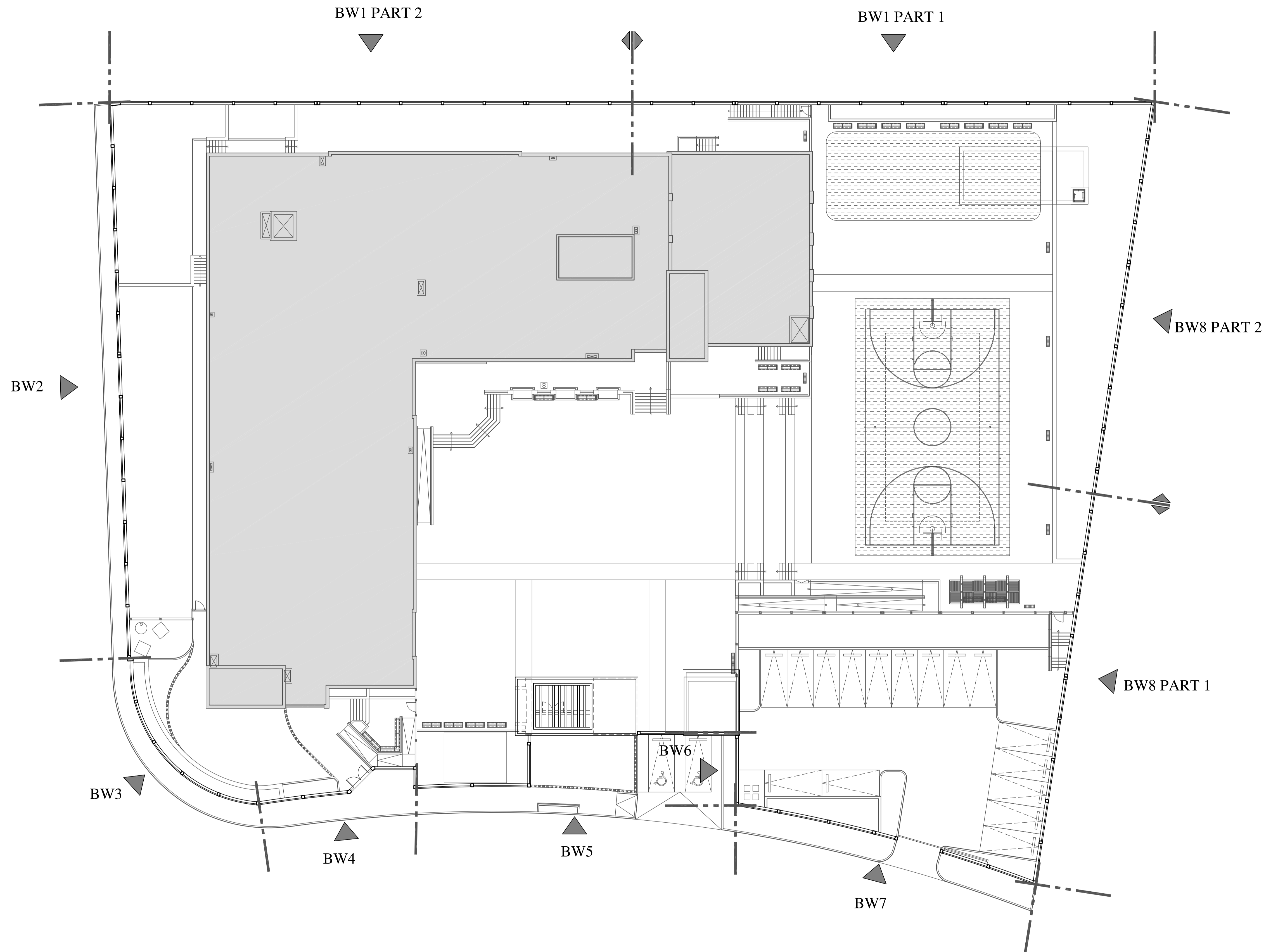
NOTES:



PHASE III HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
PACKAGE 2 SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

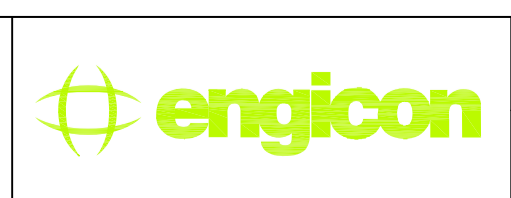
DRAWING NAME: RAIN WATER TANK STRUCTURAL SECTIONS  
Design: M.N.  
Scale: 1/25  
Date: June 2019

Checked: W.Z.  
Approved: W.Z.  
Drawing Number: SKEP 16-SD612  
Rev: 0



REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

NOTES:



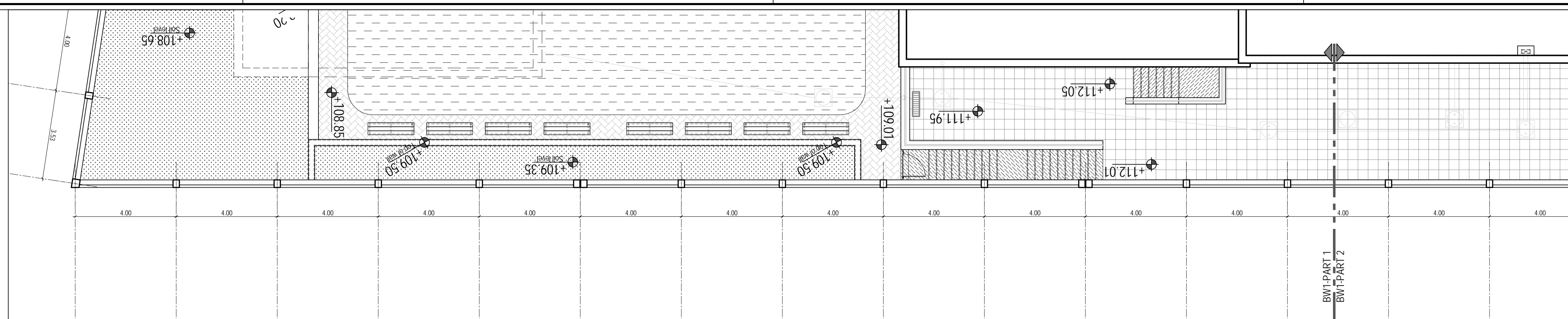
PHASE III HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
 PACKAGE 2 SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME: BOUNDARY WALLS KEY PLAN  
 PLOT No 99 LOCATION AL NABI HOOD BASIN NO 003-AL HAMRA

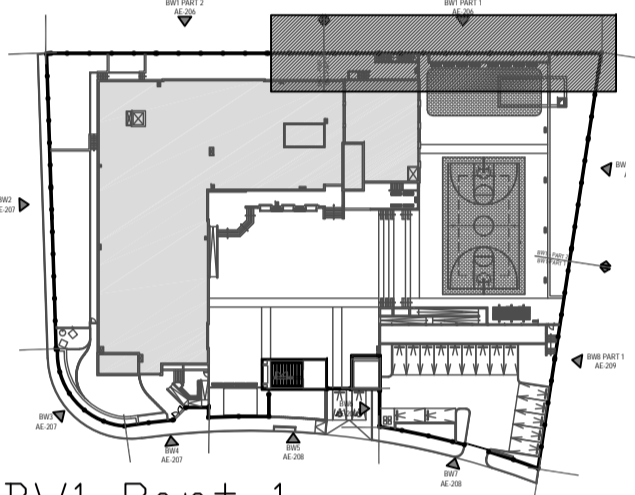
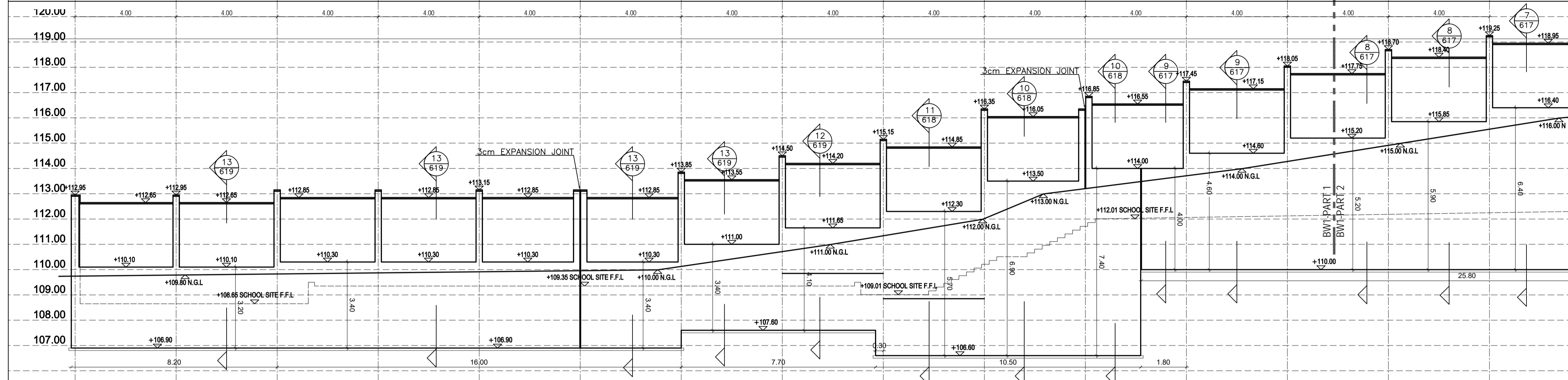
Design: M.N.	Drawn: CAD	Checked: I.K.	North
Scale: 1:200	Date: June 2019	Approved: W.Z.	
DRAWING NUMBER: SKEP 16-SD613			Rev: 0

NOTES:  
COORDINATION WITH MECHANICAL MANHOLES SHOULD BE DONE BEFORE CONSTRUCTION OF BOUNDARY WALL FOOTINGS

BW1-PART 1  
PLAN

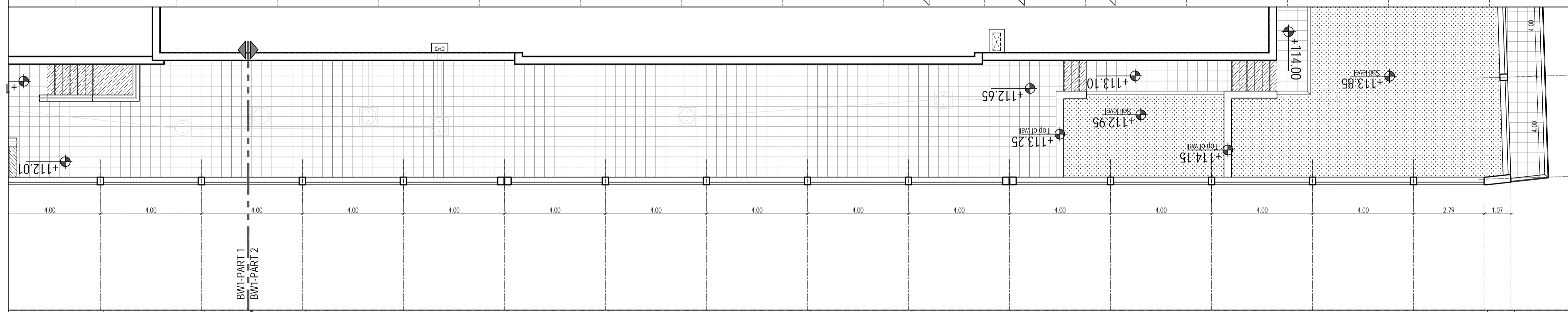


BW1-PART 1  
ELEVATION

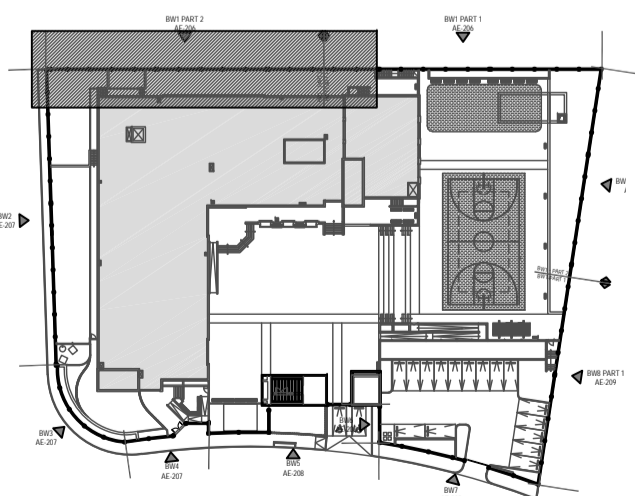
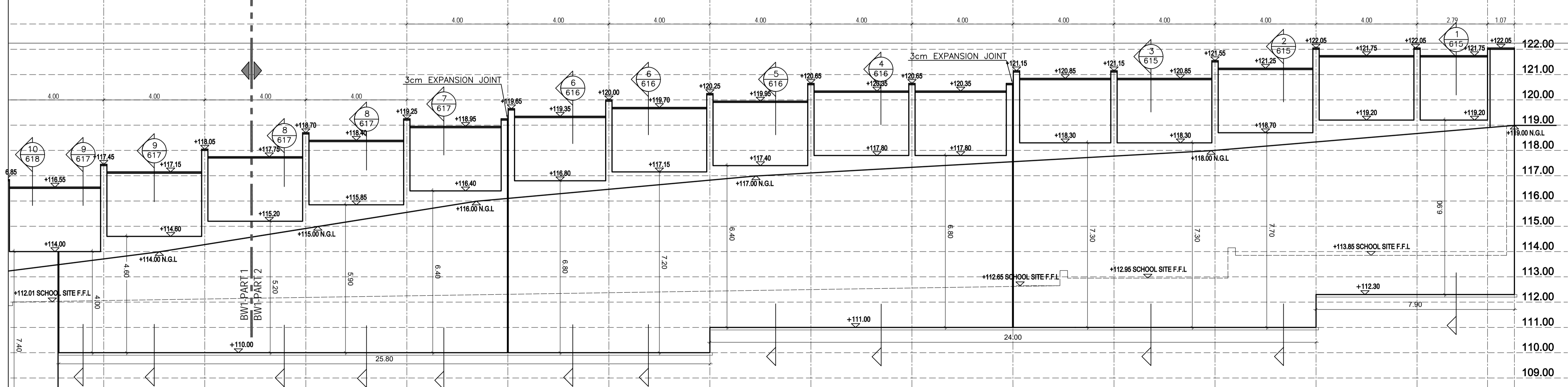


BW1-Part 1  
KEY

BW1-PART 2  
PLAN



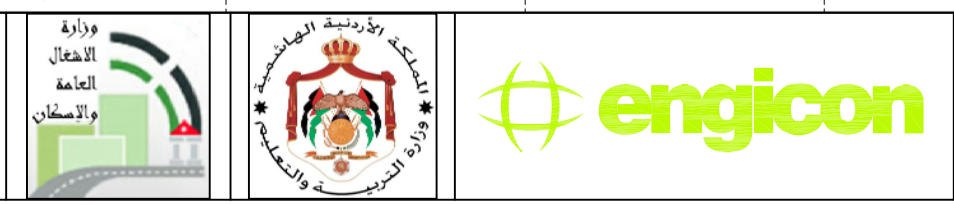
BW1-PART 2  
ELEVATION



BW1-Part 2  
KEY

REV.	DATE	REMARKS
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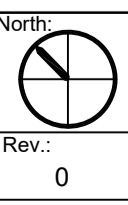
NOTES:



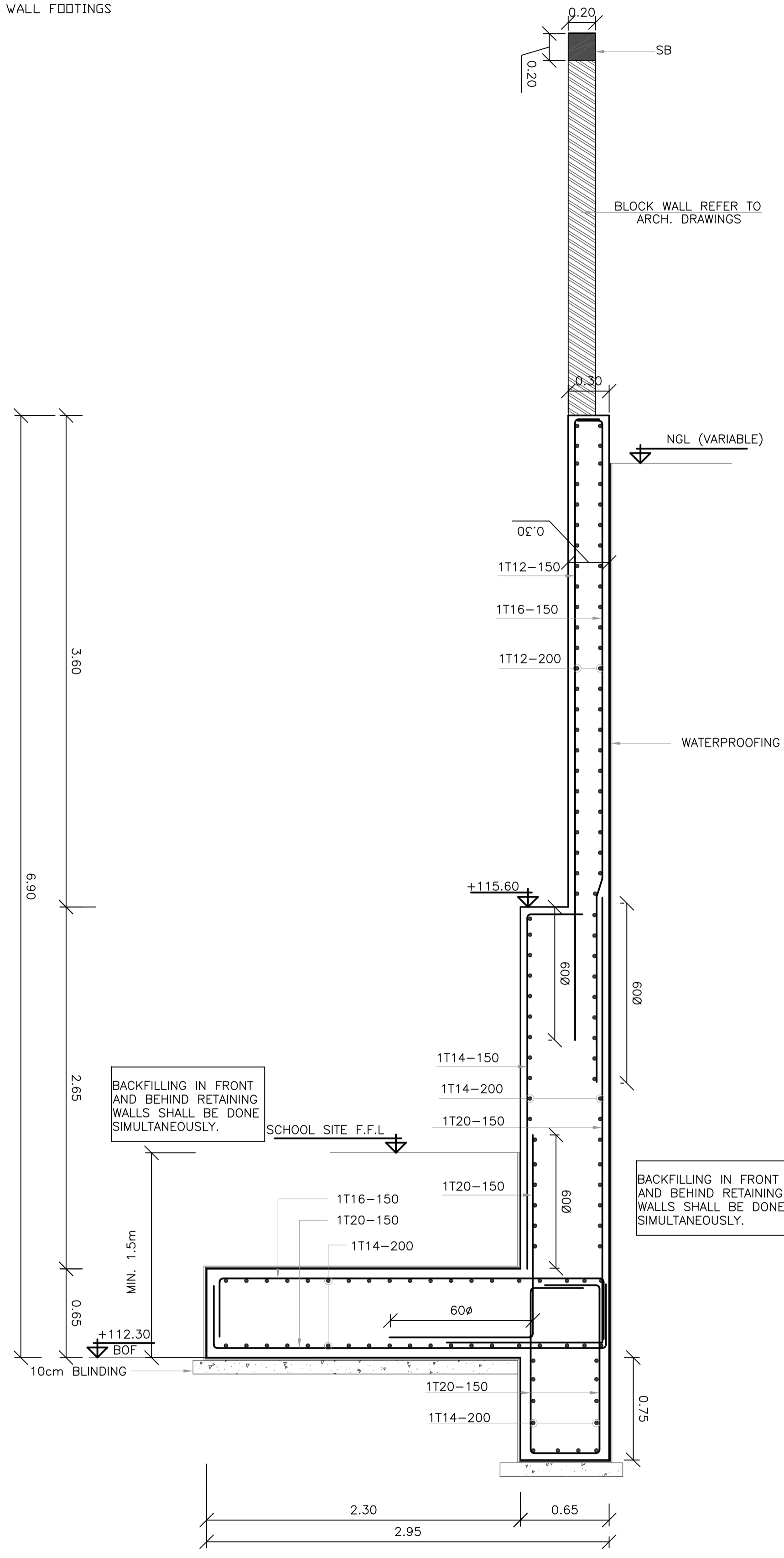
PHASE III  
PACKAGE 2  
HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME:  
BOUNDARY WALL1  
PLAN & ELEVATION

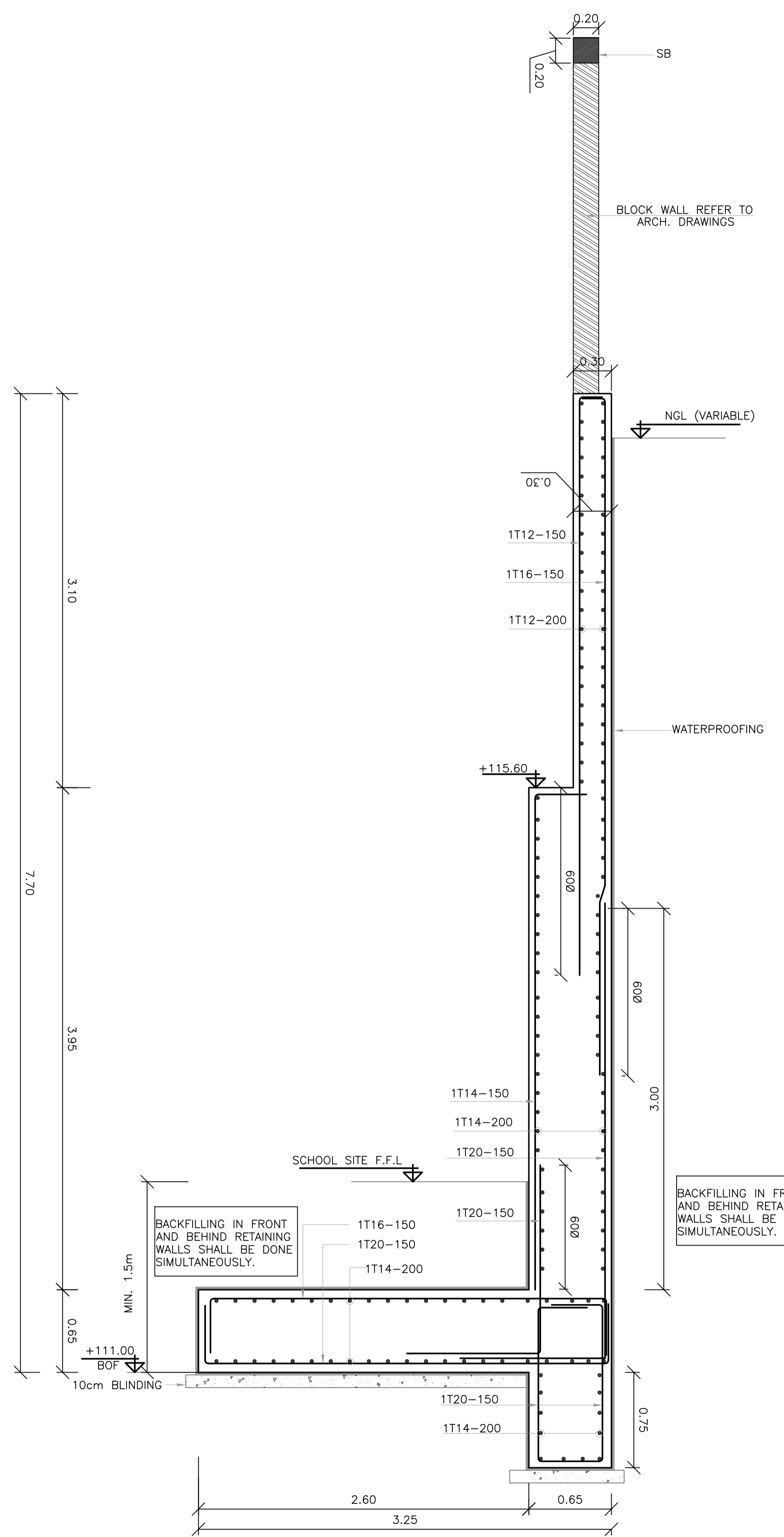
Design: M.N.  
Scale: AS SHOWN  
Drawn: CAD  
Date: June 2019  
Checked: I.K.  
Approved: W.Z.  
Drawing Number: SKEP 16-SD614



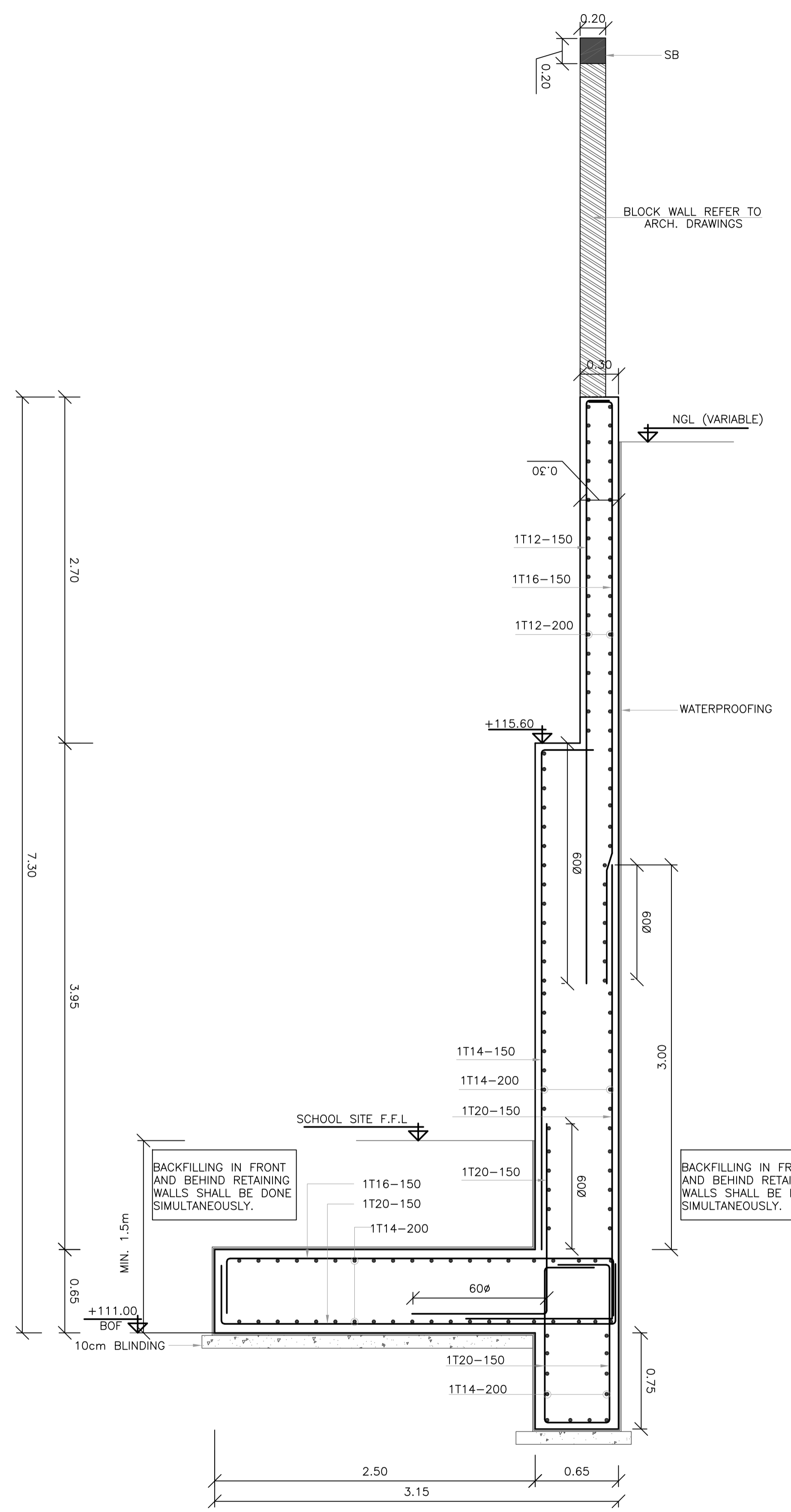
NOTES:  
 -BACKFILLING IN FRONT AND BEHIND RETAINING WALLS SHALL BE DONE SIMULTANEOUSLY.  
 -DO NOT BACKFILL AGAINST BUILDING FOUNDATION AND RETAINING WALLS UNTIL RESTRAINING SLABS AND ADEQUATE BRACING ARE IN PLACE. ALL BACKFILL SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH SPECIFICATIONS.  
 -DO NOT BACKFILL AGAINST CONCRETE CANTILEVER RETAINING WALLS UNTIL CONCRETE HAS ATTAINED ITS SPECIFIED 28-DAY COMPRESSIVE STRENGTH  $f_{cu}$ . ALL BACKFILL SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH THE SPECIFICATIONS.  
 -RETAINING WALL SURFACES IN CONTACT WITH SOIL SHOULD BE INSULATED BY FLUID PAINT 3 COATS.  
 -FOR WEEP HOLES DETAILS REFER TO STRUCTURAL NOTES DWG. SG001  
 -COORDINATION WITH MECHANICAL MANHOLES SHOULD BE DONE, BEFORE CONSTRUCTION OF BOUNDARY WALL FOOTINGS



SECTION 1  
1:25



SECTION 2  
1:25



SECTION 3  
1:25

REV.	DATE	REMARKS
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NOTES:



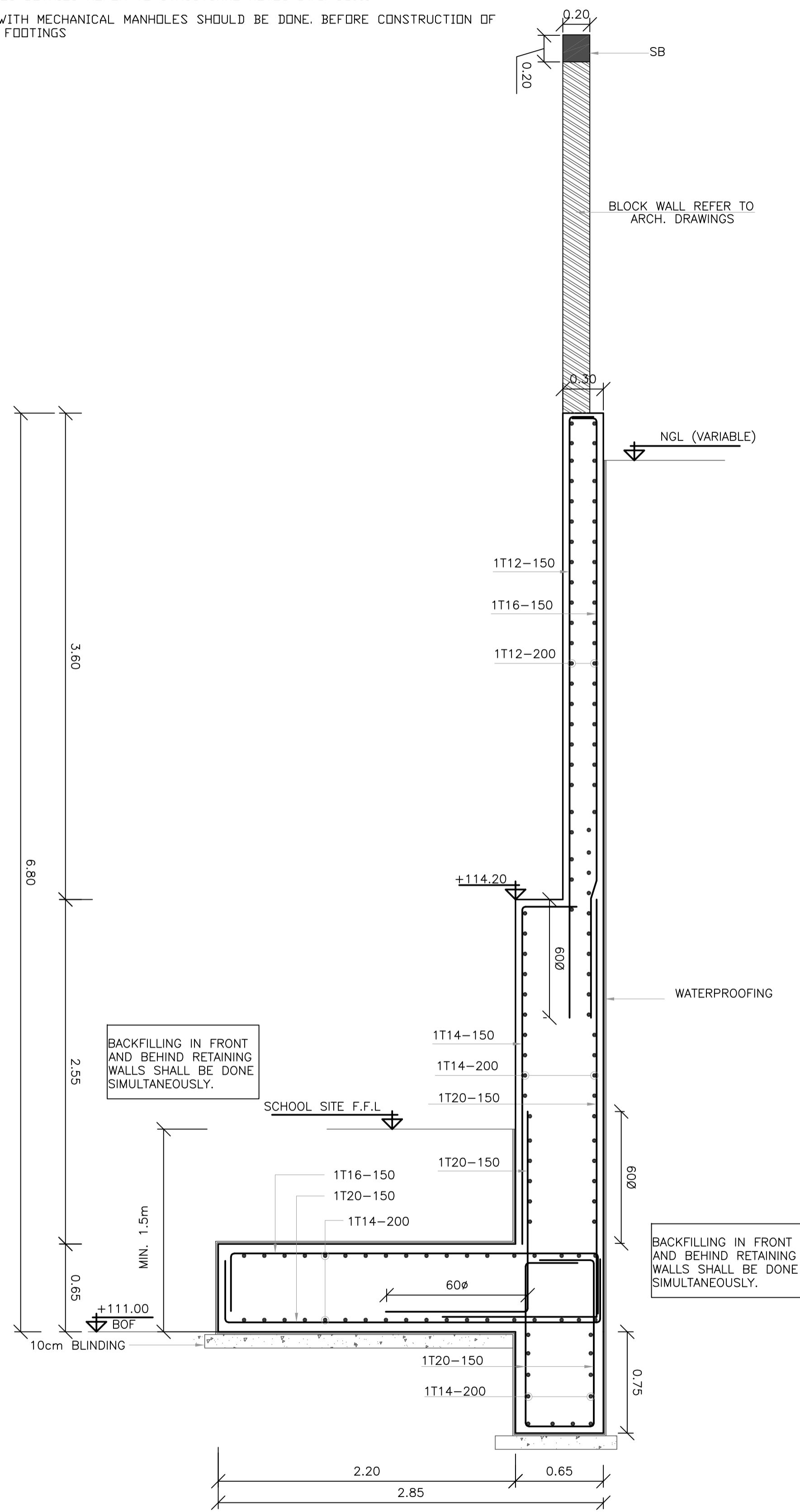
PHASE III  
 PACKAGE 2  
 HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
 SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME:  
 BOUNDARY WALL1  
 SECTIONS SHEET 1 OF 5

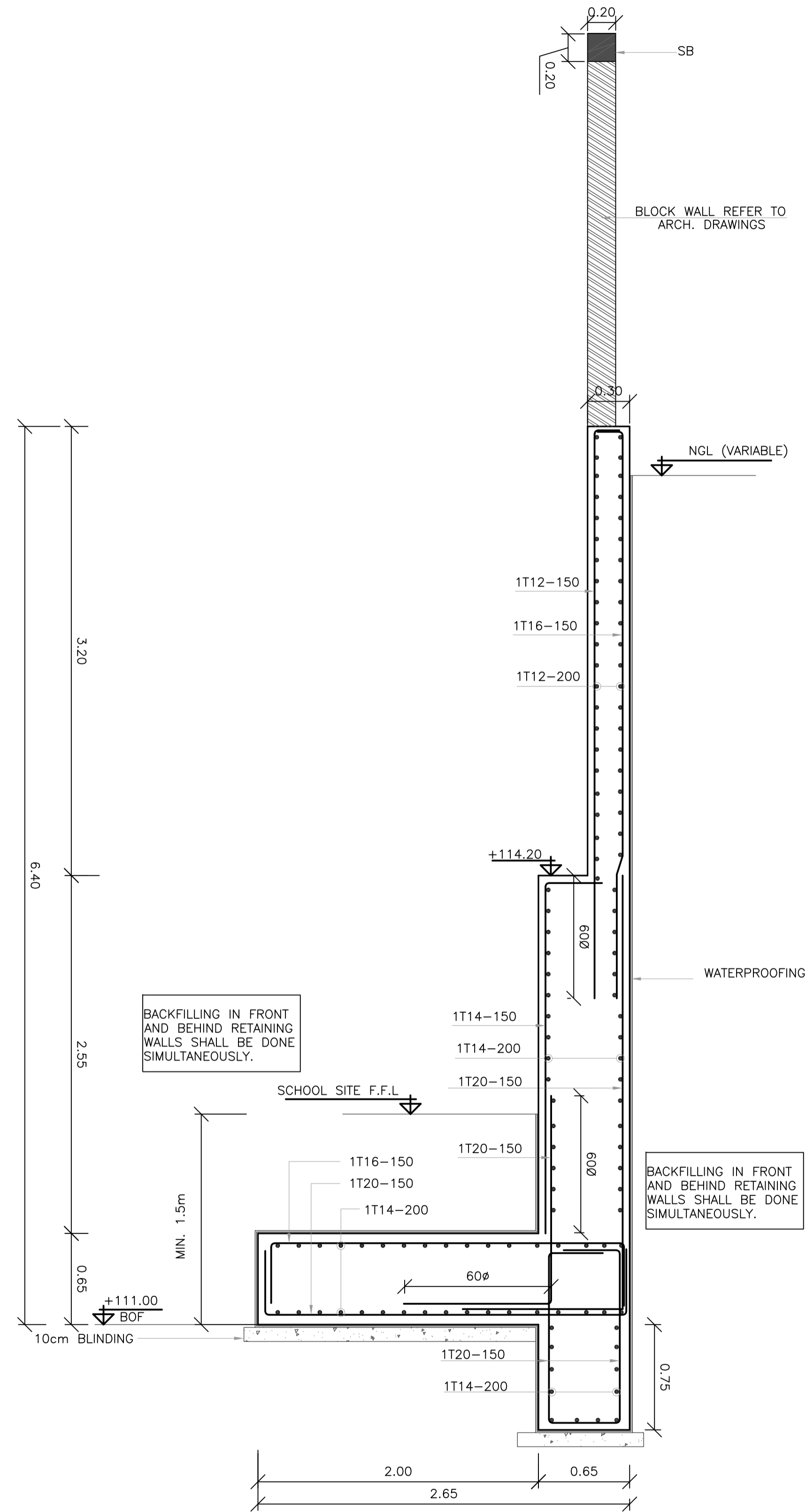
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 Scale: 1:25  
 Drawn: CAD  
 Date: June 2019  
 Checked: I.K.  
 Approved: W.Z.  
 Drawing Number: SKEP 16-SD615  
 Rev: 0



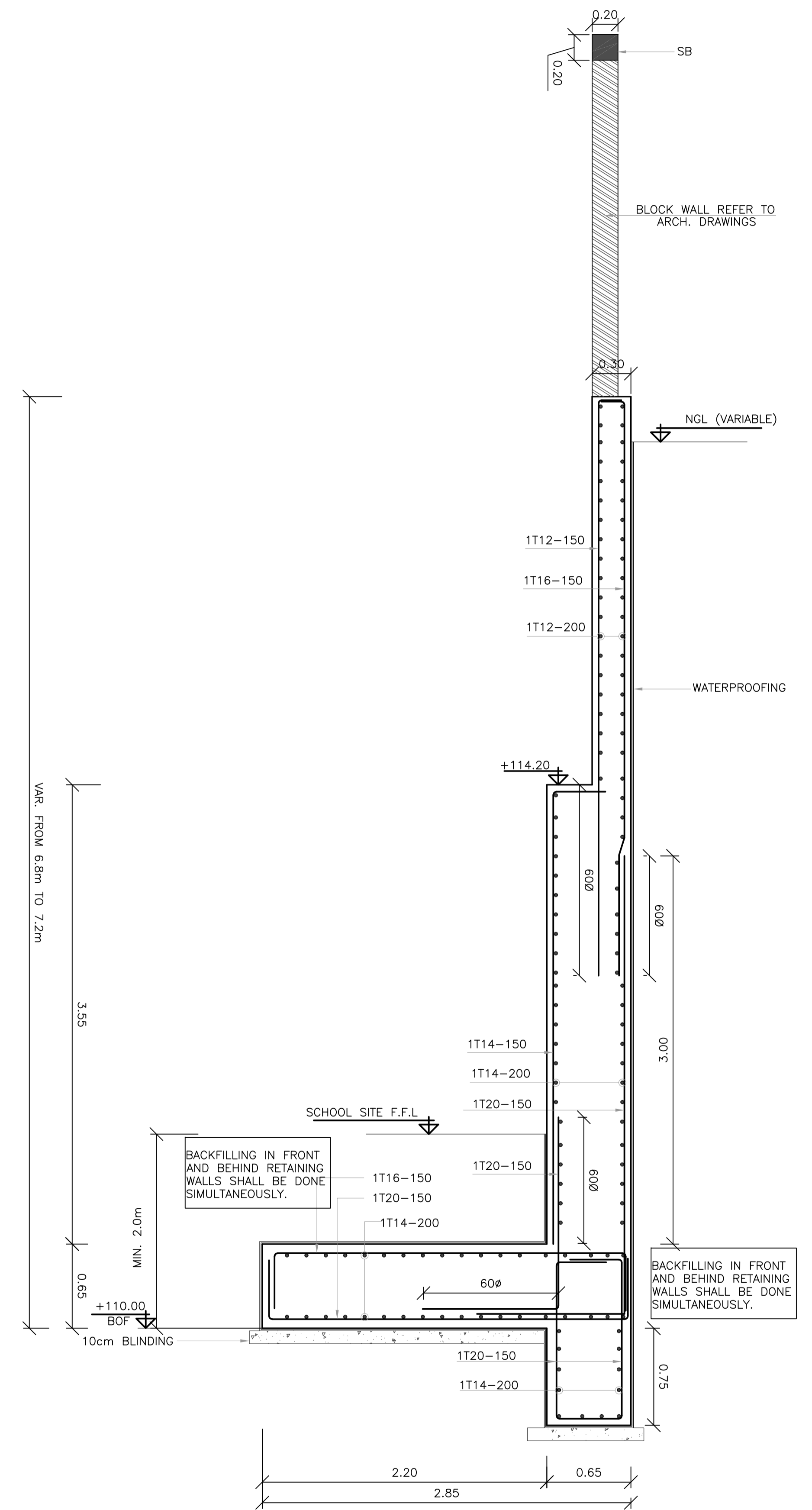
NOTES:  
 -BACKFILLING IN FRONT AND BEHIND RETAINING WALLS SHALL BE DONE SIMULTANEOUSLY.  
 -DO NOT BACKFILL AGAINST BUILDING FOUNDATION AND RETAINING WALLS UNTIL RESTRAINING SLABS AND ADEQUATE BRACING ARE IN PLACE. ALL BACKFILL SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH SPECIFICATIONS.  
 -DO NOT BACKFILL AGAINST CONCRETE CANTILEVER RETAINING WALLS UNTIL CONCRETE HAS ATTAINED ITS SPECIFIED 28-DAY COMPRESSIVE STRENGTH  $f_{cu}$ . ALL BACKFILL SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH THE SPECIFICATIONS.  
 -RETAINING WALL SURFACES IN CONTACT WITH SOIL SHOULD BE INSULATED BY FLUID PAINT 3 COATS.  
 -FOR WEEP HOLES DETAILS REFER TO STRUCTURAL NOTES DWG. SG001  
 -COORDINATION WITH MECHANICAL MANHOLES SHOULD BE DONE. BEFORE CONSTRUCTION OF BOUNDARY WALL FOOTINGS



SECTION 4  
1:25



SECTION 5  
1:25



SECTION 6  
1:25

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0	June 2019	VOL. IV - TENDER DRAWINGS

NOTES:

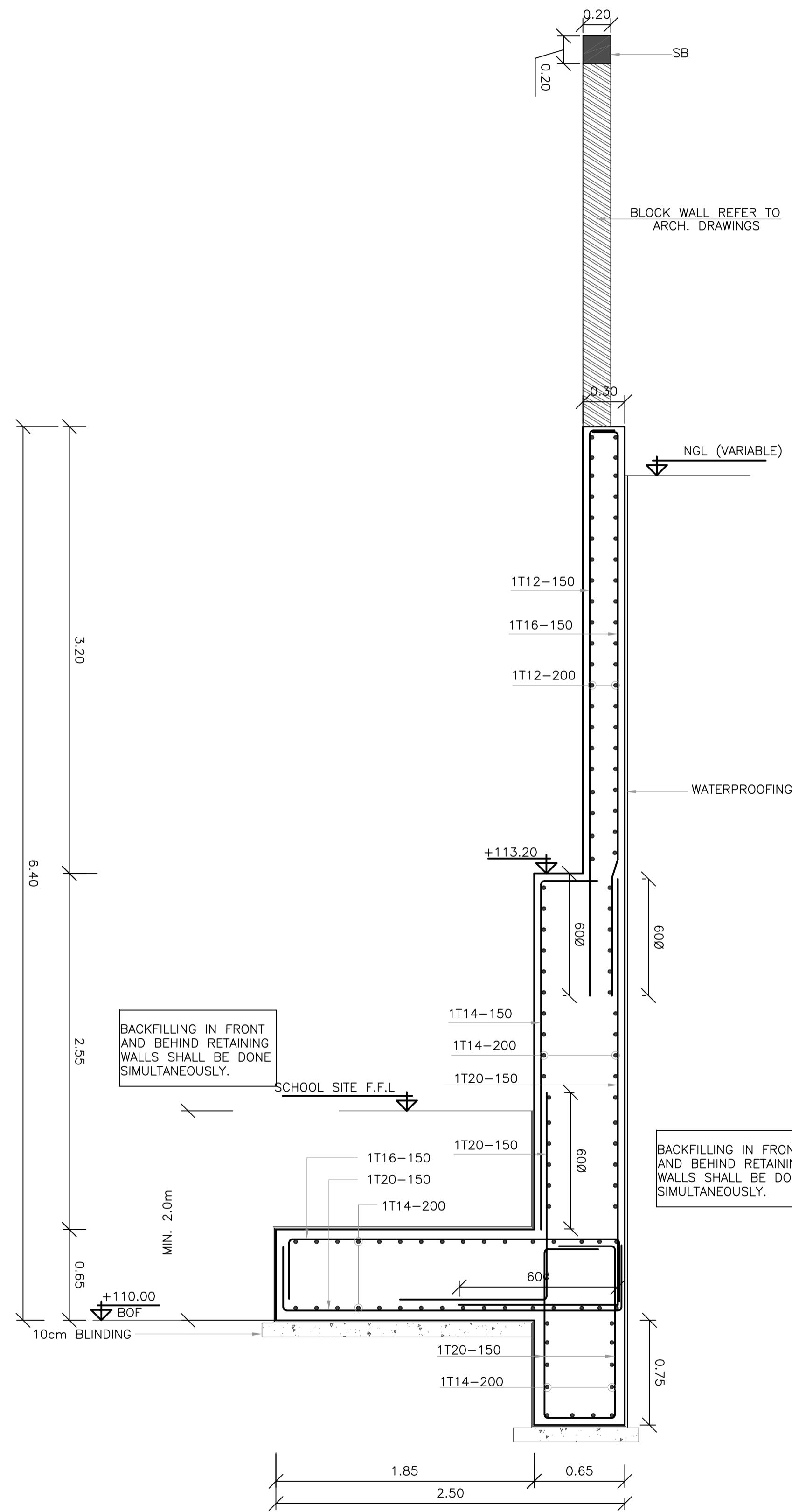


PHASE III  
 HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
 PACKAGE 2  
 SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

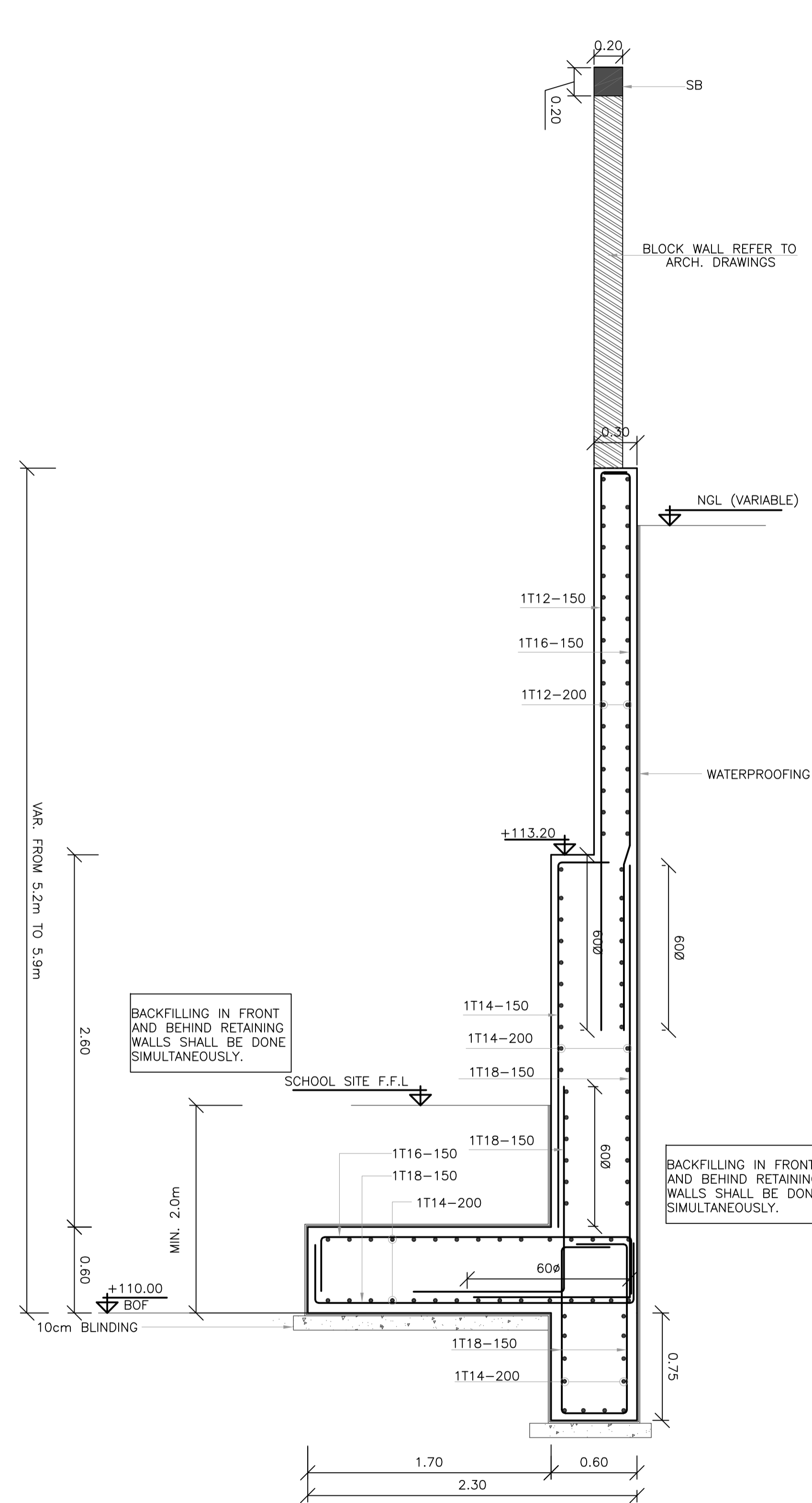
DRAWING NAME:  
 BOUNDARY WALL 1  
 SECTIONS 2 OF 5  
 PLOT No: 99  
 LOCATION: AL NABI HOOD  
 BASIN NO: 003-AL HAMRA

Design: M.N.  
 Scale: 1:25  
 Drawn: CAD  
 Date: June 2019  
 Checked: I.K.  
 Approved: W.Z.  
 DRAWING NUMBER:  
 SKEP 16-SD616  
 Rev.: 0

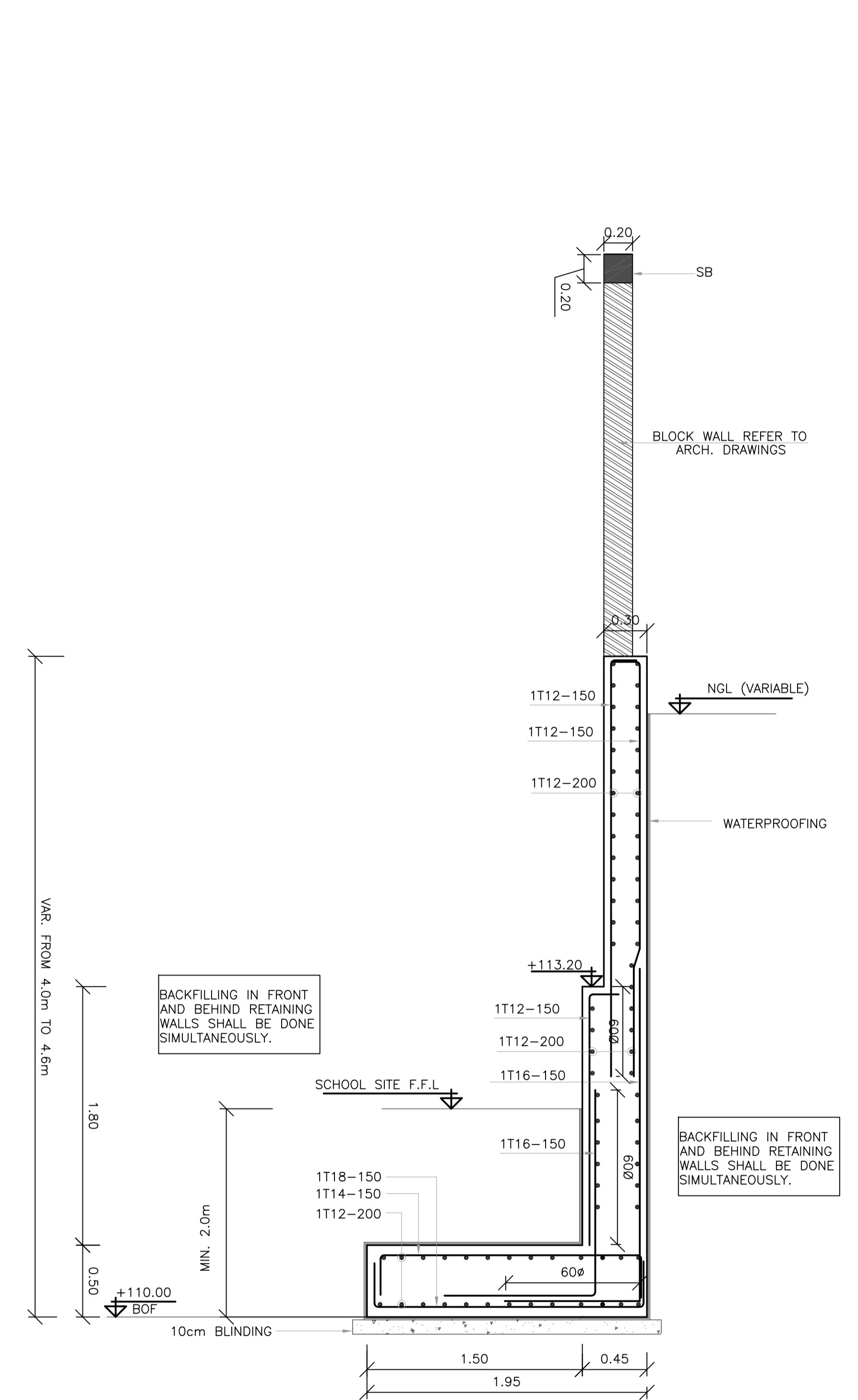
NOTES:  
 -BACKFILLING IN FRONT AND BEHIND RETAINING WALLS SHALL BE DONE SIMULTANEOUSLY.  
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 -COORDINATION WITH MECHANICAL MANHOLES SHOULD BE DONE, BEFORE CONSTRUCTION OF BOUNDARY WALL FOOTINGS



SECTION 7  
1:25



SECTION 8  
1:25



SECTION 9  
1:25

REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

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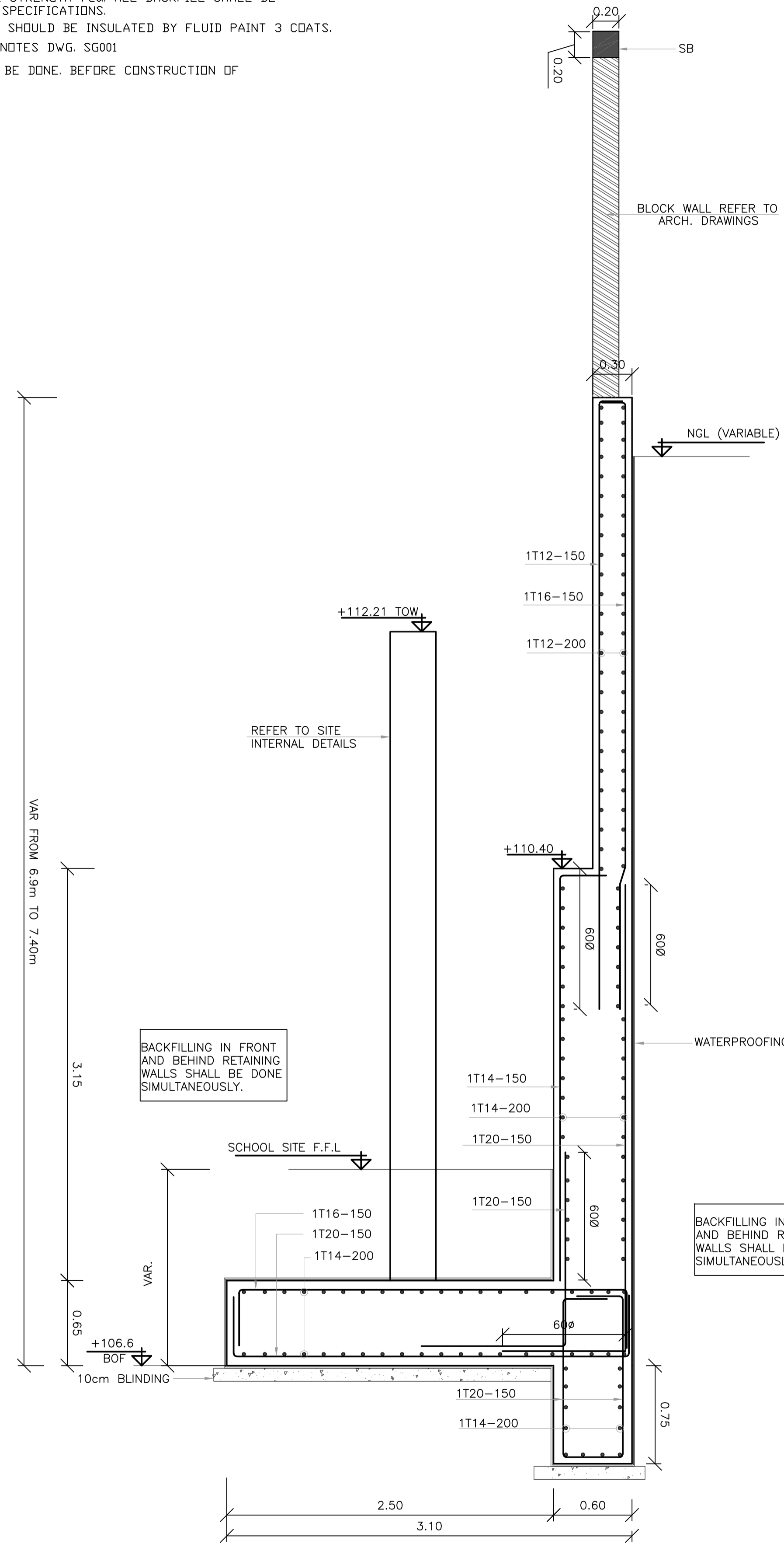


PHASE III HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
 PACKAGE 2 SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

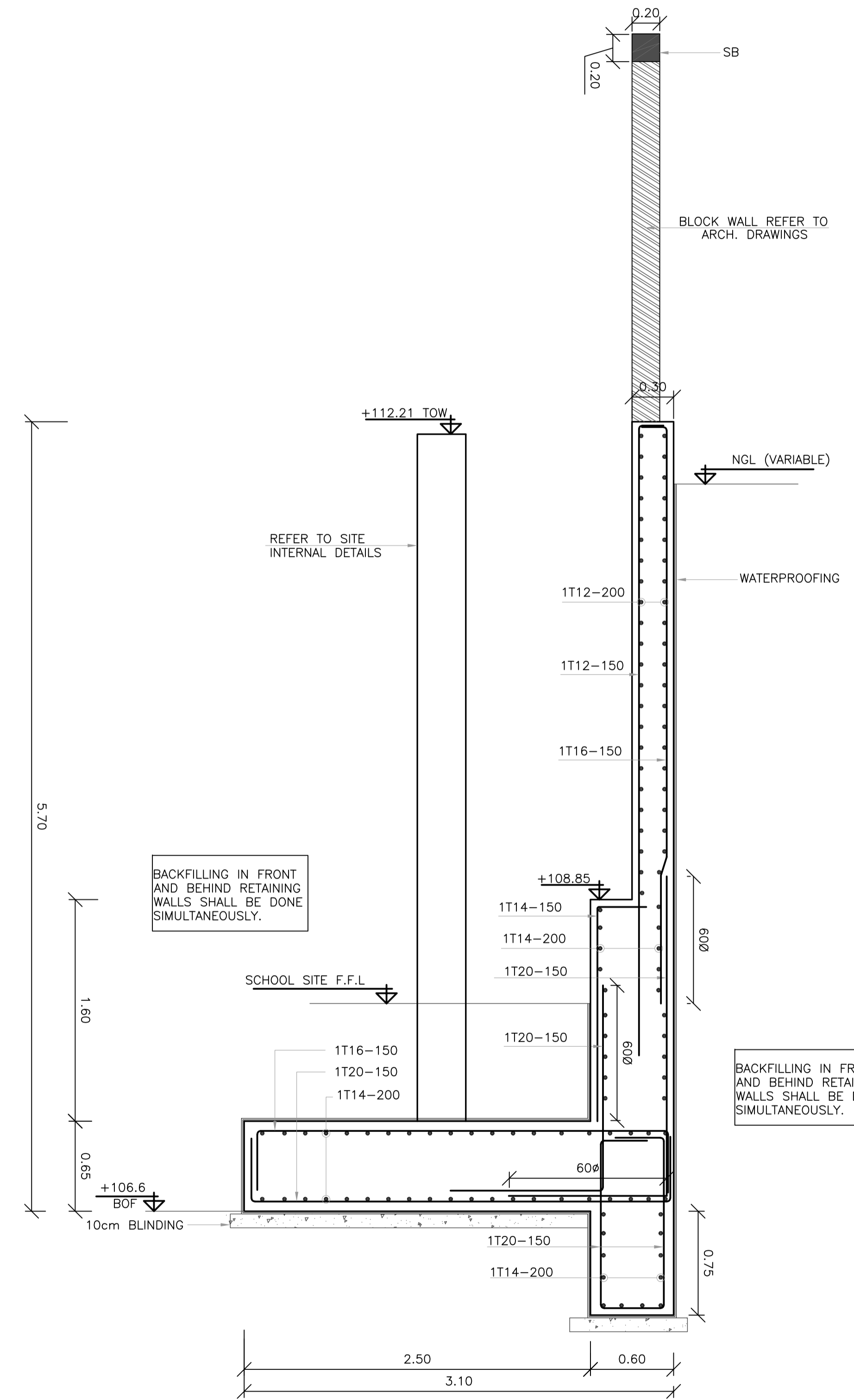
DRAWING NAME: BOUNDARY WALL1 SECTIONS 3 OF 5  
 Design: M.N., Drawn: CAD, Checked: I.K., North  
 Scale: 1:25, Date: June 2019, Approved: W.Z.

DRAWING NUMBER: SKPE 16-SD617  
 Rev: 0

NOTES:  
 -BACKFILLING IN FRONT AND BEHIND RETAINING WALLS SHALL BE DONE SIMULTANEOUSLY.  
 -DO NOT BACKFILL AGAINST BUILDING FOUNDATION AND RETAINING WALLS UNTIL RESTRAINING SLABS AND ADEQUATE BRACING ARE IN PLACE. ALL BACKFILL SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH SPECIFICATIONS.  
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 -COORDINATION WITH MECHANICAL MANHOLES SHOULD BE DONE, BEFORE CONSTRUCTION OF BOUNDARY WALL FOOTINGS



SECTION 10  
1:25



SECTION 11  
1:25

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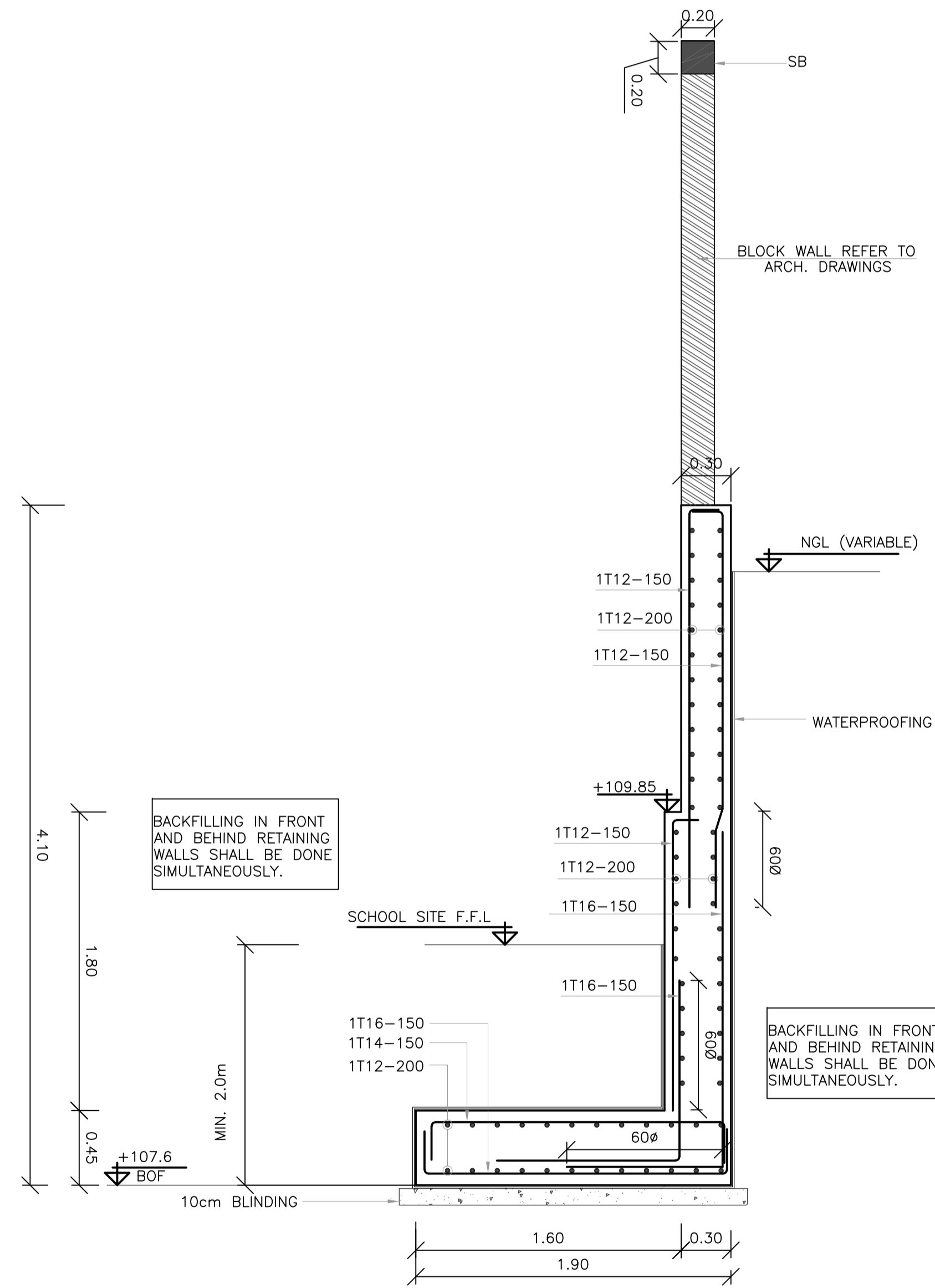


PHASE III	HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)
PACKAGE 2	SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

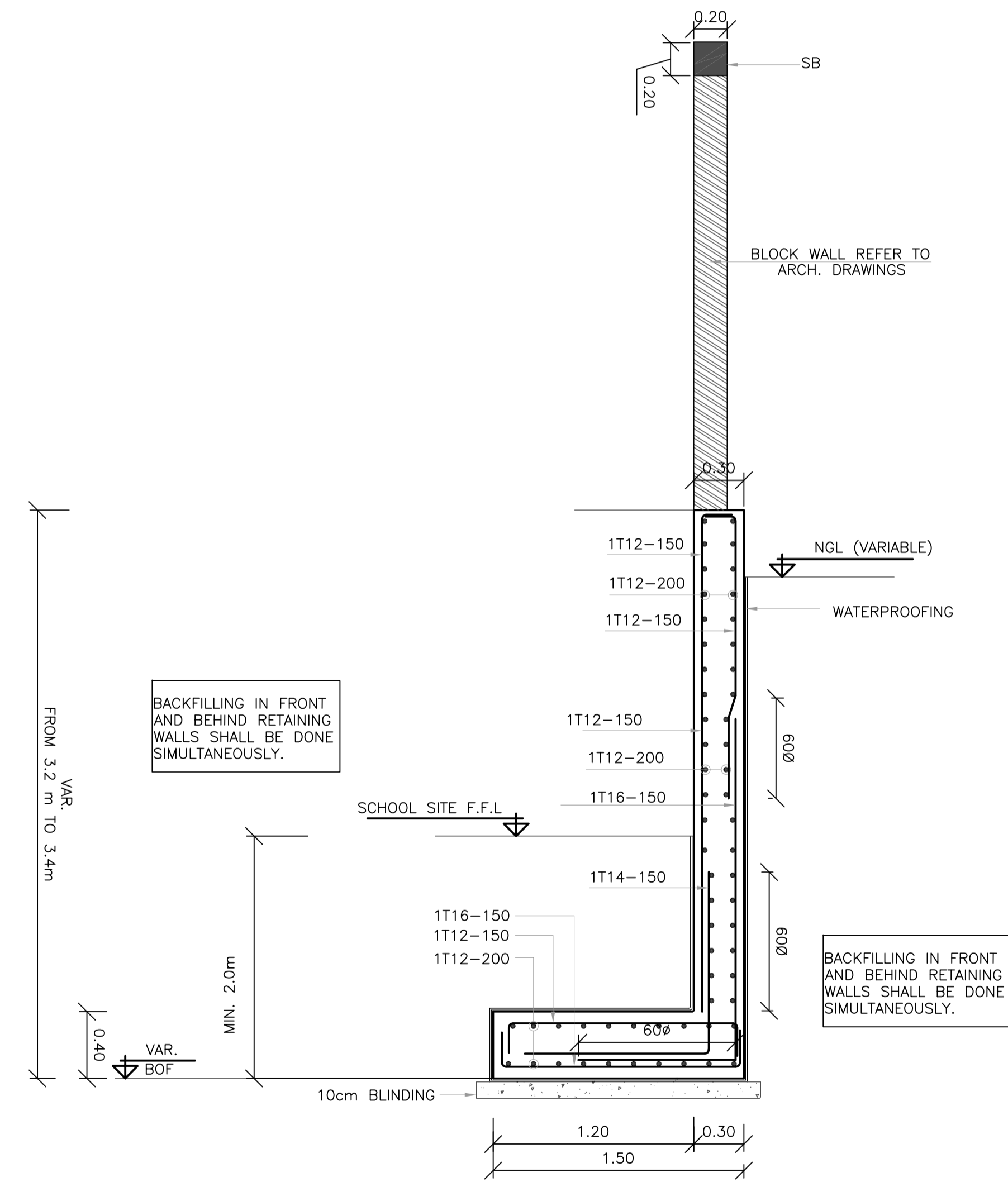
DRAWING NAME:	BOUNDARY WALL1 SECTIONS 4 OF 5
DESIGN:	M.N.
SCALE:	1:25
DATE:	June 2019
CHECKED:	I.K.
APPROVED:	W.Z.
DRAWING NUMBER:	SKEP 16-SD618

DESIGN:	M.N.	DRAWN:	CAD	CHECKED:	I.K.	NORTH:	
SCALE:	1:25	DATE:	June 2019	APPROVED:	W.Z.	REV.:	0

NOTES:  
 -BACKFILLING IN FRONT AND BEHIND RETAINING WALLS SHALL BE DONE SIMULTANEOUSLY.  
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 -COORDINATION WITH MECHANICAL MANHOLES SHOULD BE DONE, BEFORE CONSTRUCTION OF BOUNDARY WALL FOOTINGS



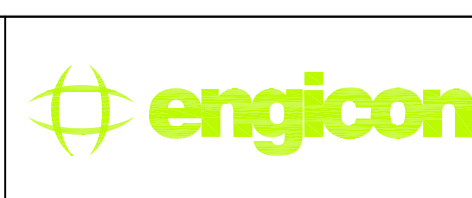
SECTION 12  
1:25



SECTION 13  
1:25

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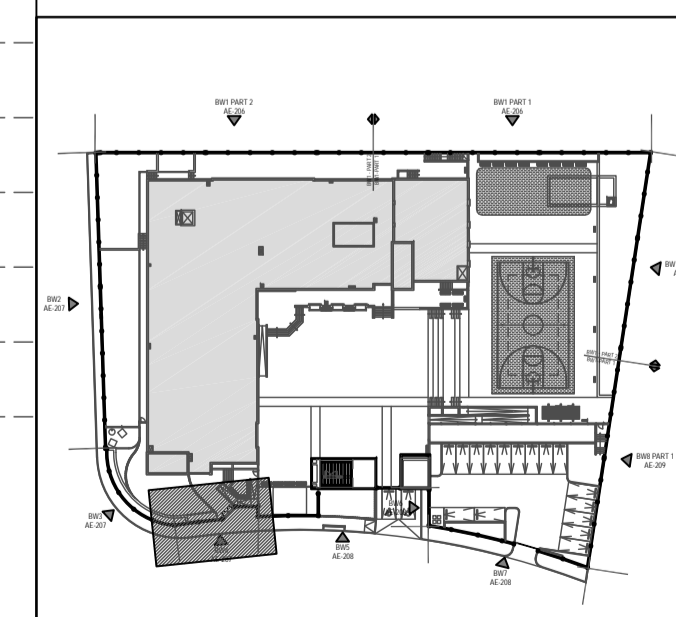
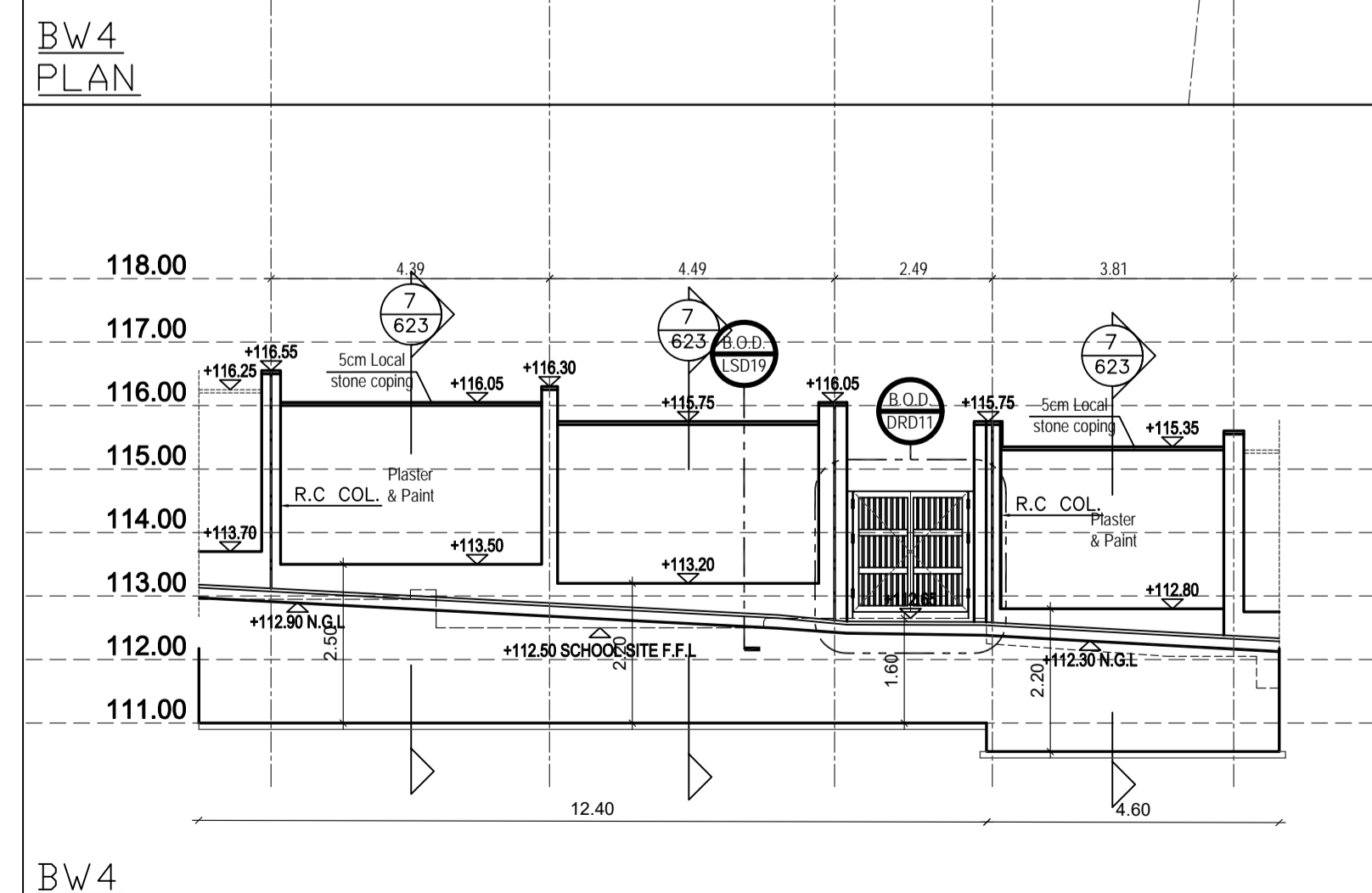
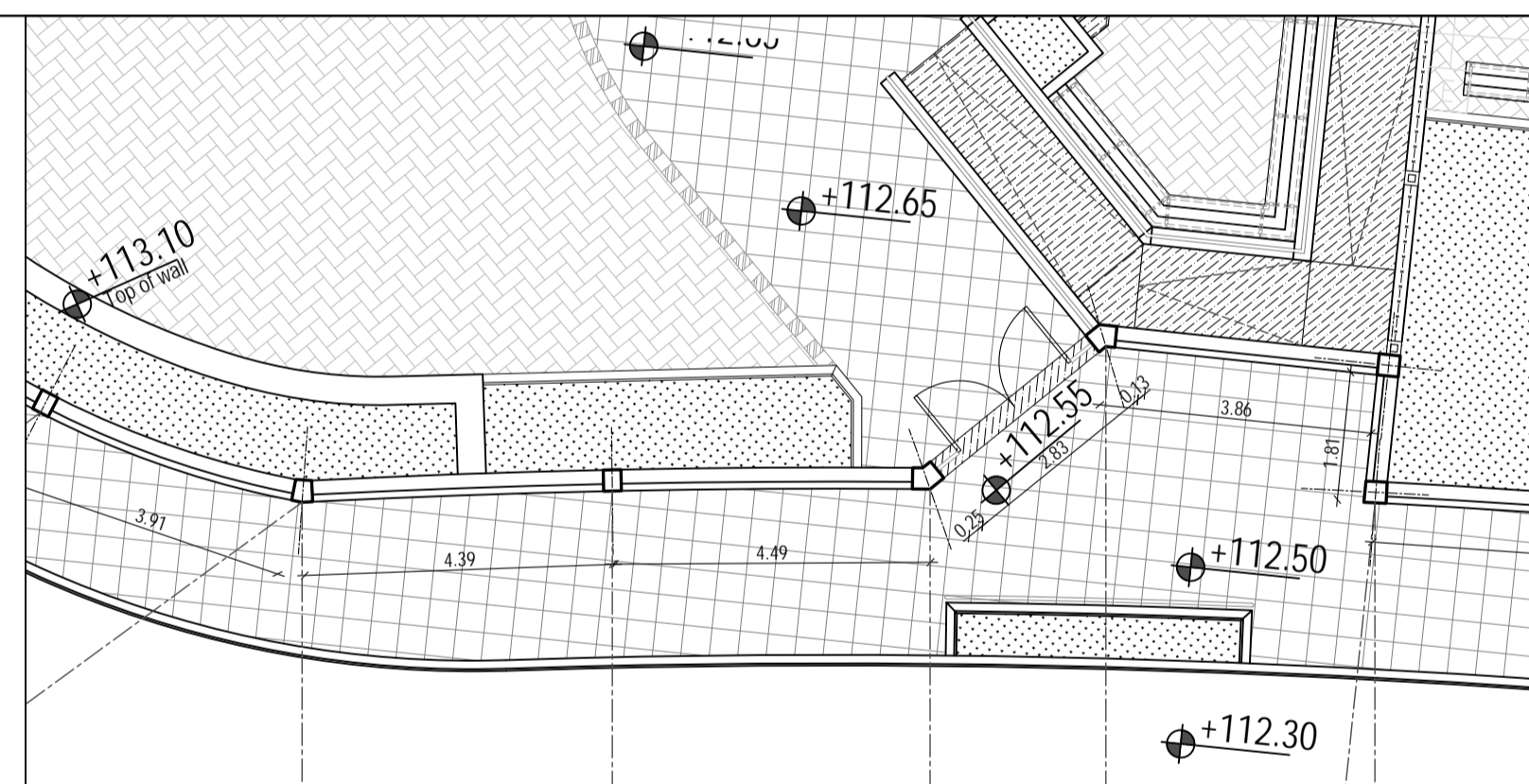
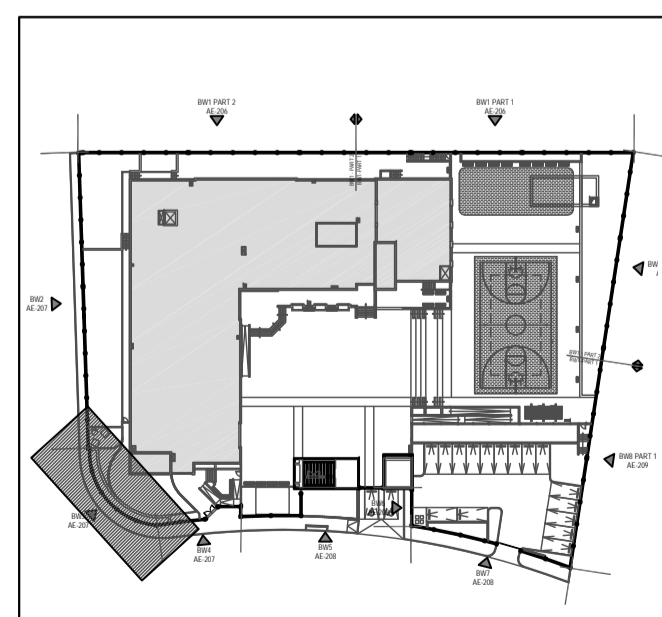
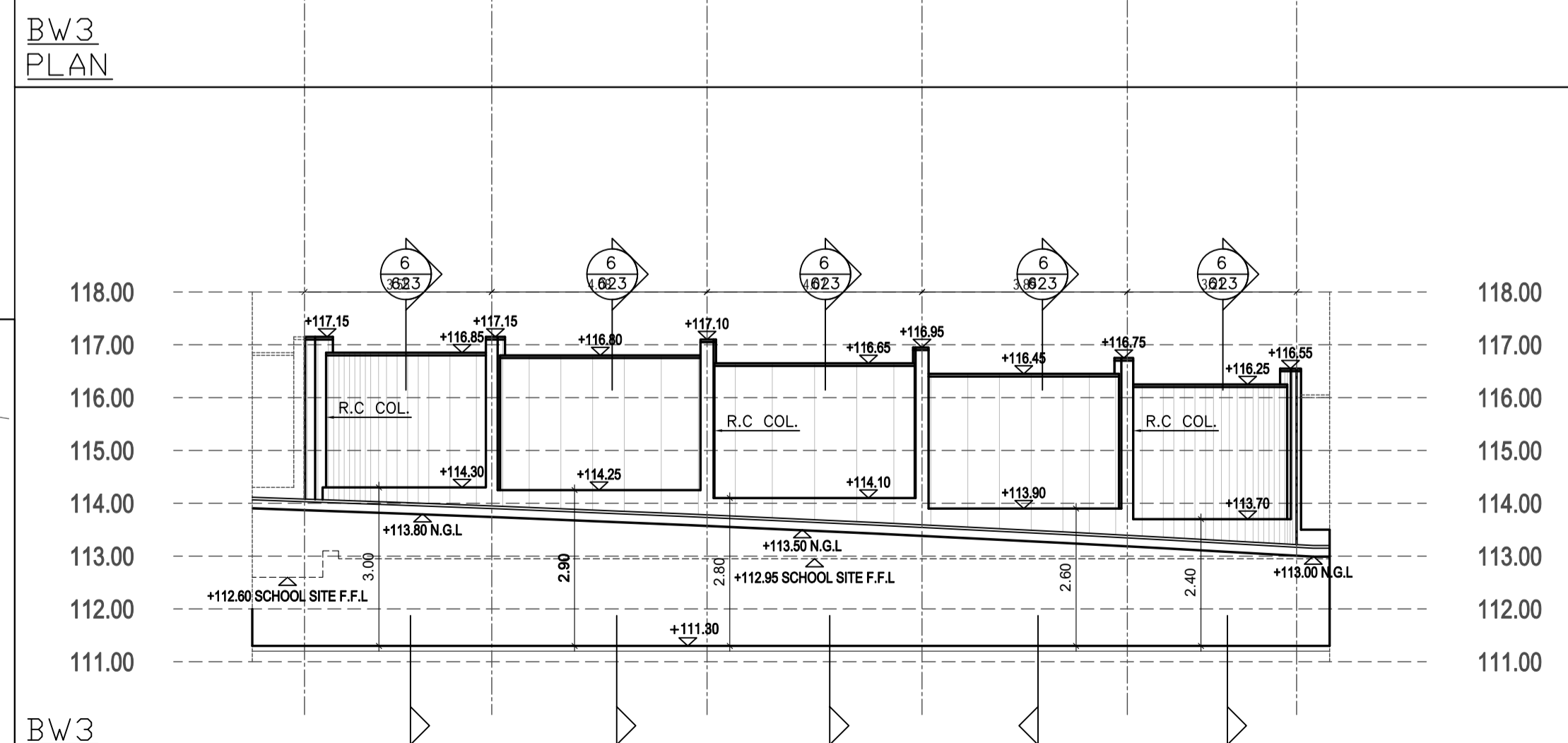
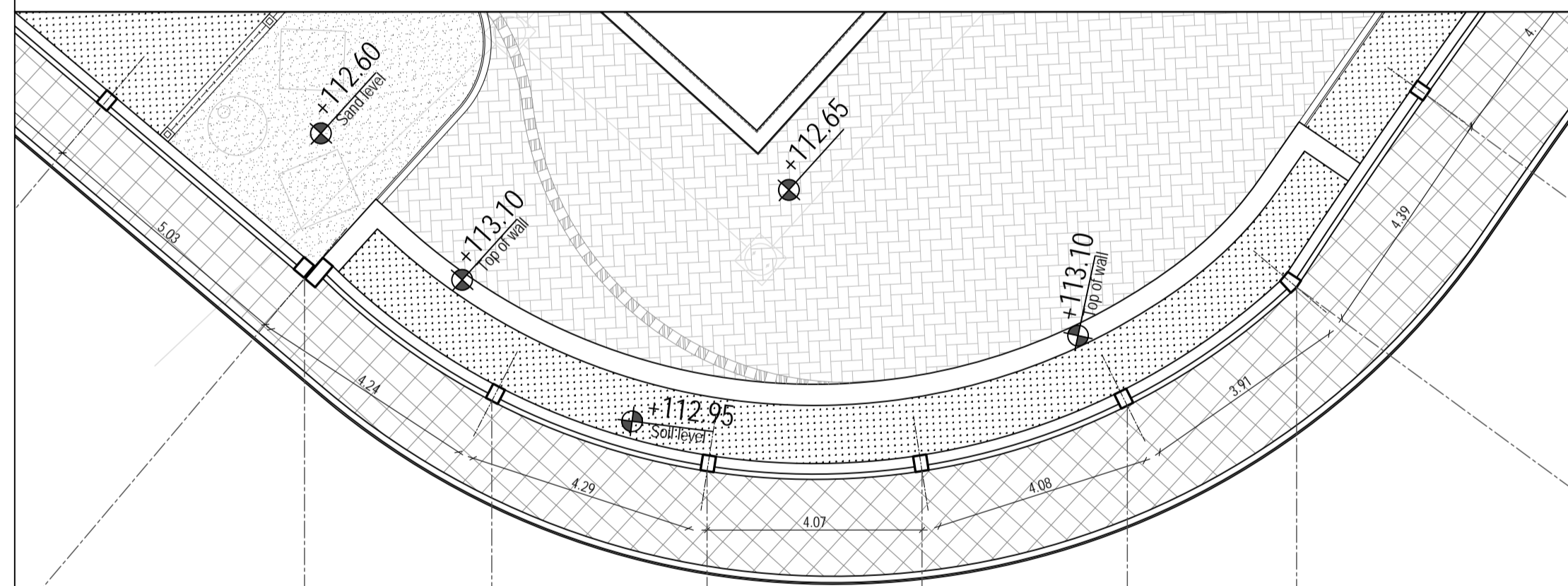
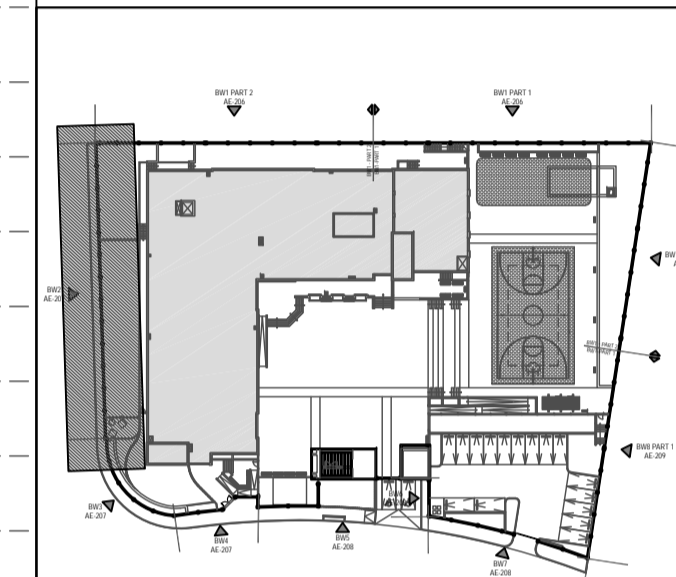
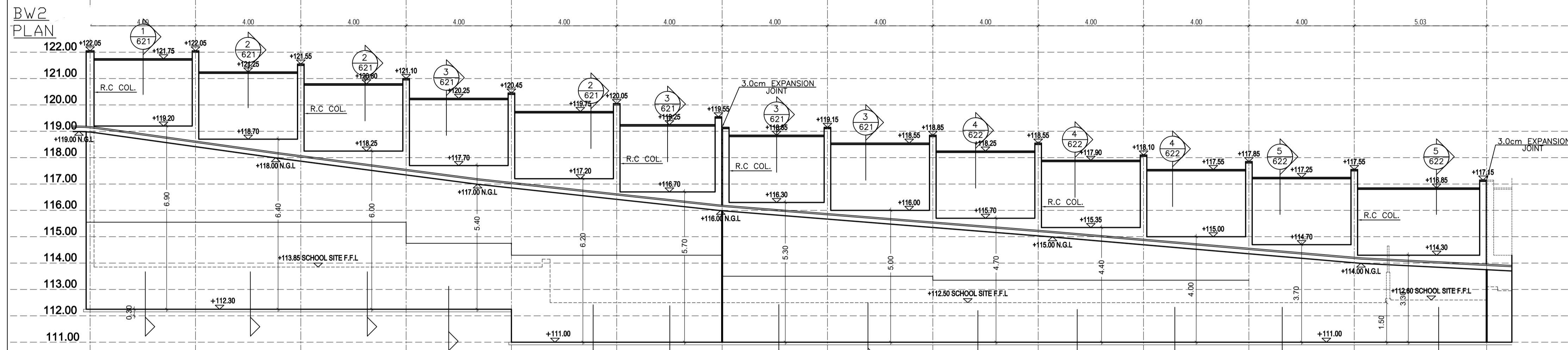
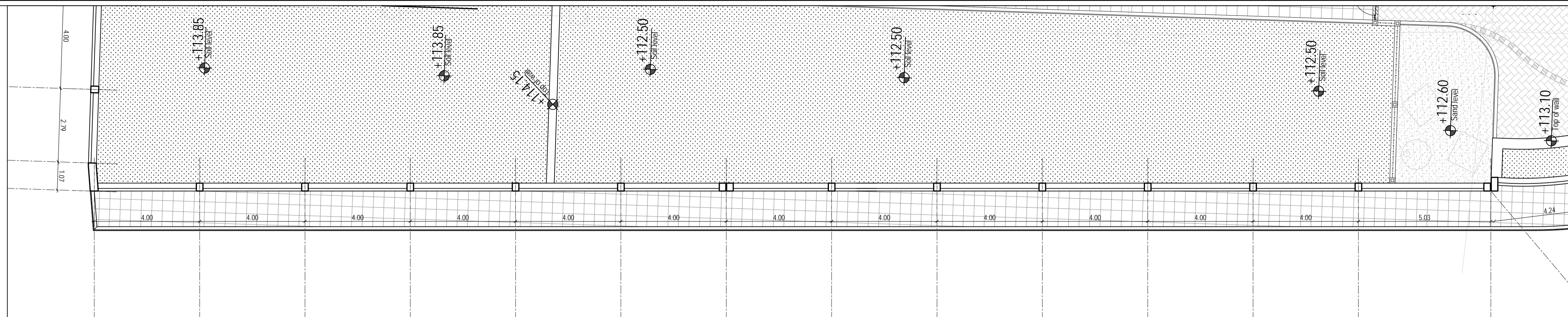
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PHASE III	HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)
PACKAGE 2	SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME:	BOUNDARY WALL1 SECTIONS 5 OF 5
Design:	M.N.
Drawn:	CAD
Scale:	1:25
Date:	June 2019
Checked:	I.K.
Approved:	W.Z.
PLOT No:	99
LOCATION:	AL NABI HOOD
BASIN NO:	003-AL HAMRA

DRAWING NUMBER:	SKEP 16-SD619
Rev.:	0



NOTES:



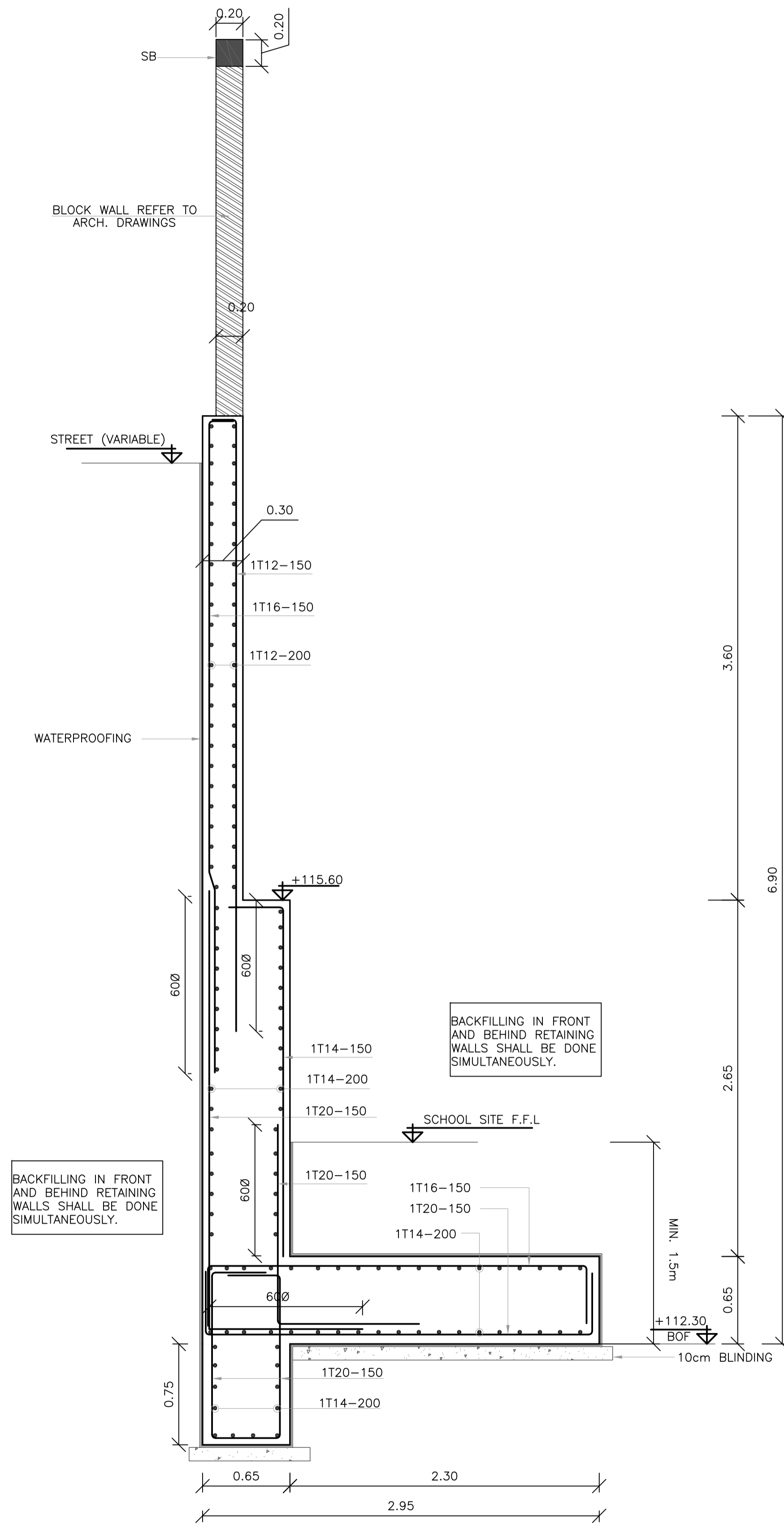
PHASE III HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
 PACKAGE 2 SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME: BOUNDARY WALL 2, 3 & 4 PLANS & ELEVATIONS  
 Scale: AS SHOWN Date: June 2019  
 PLOT No: 99 LOCATION: AL NABI HOOD BASIN NO: 003-AL HAMRA

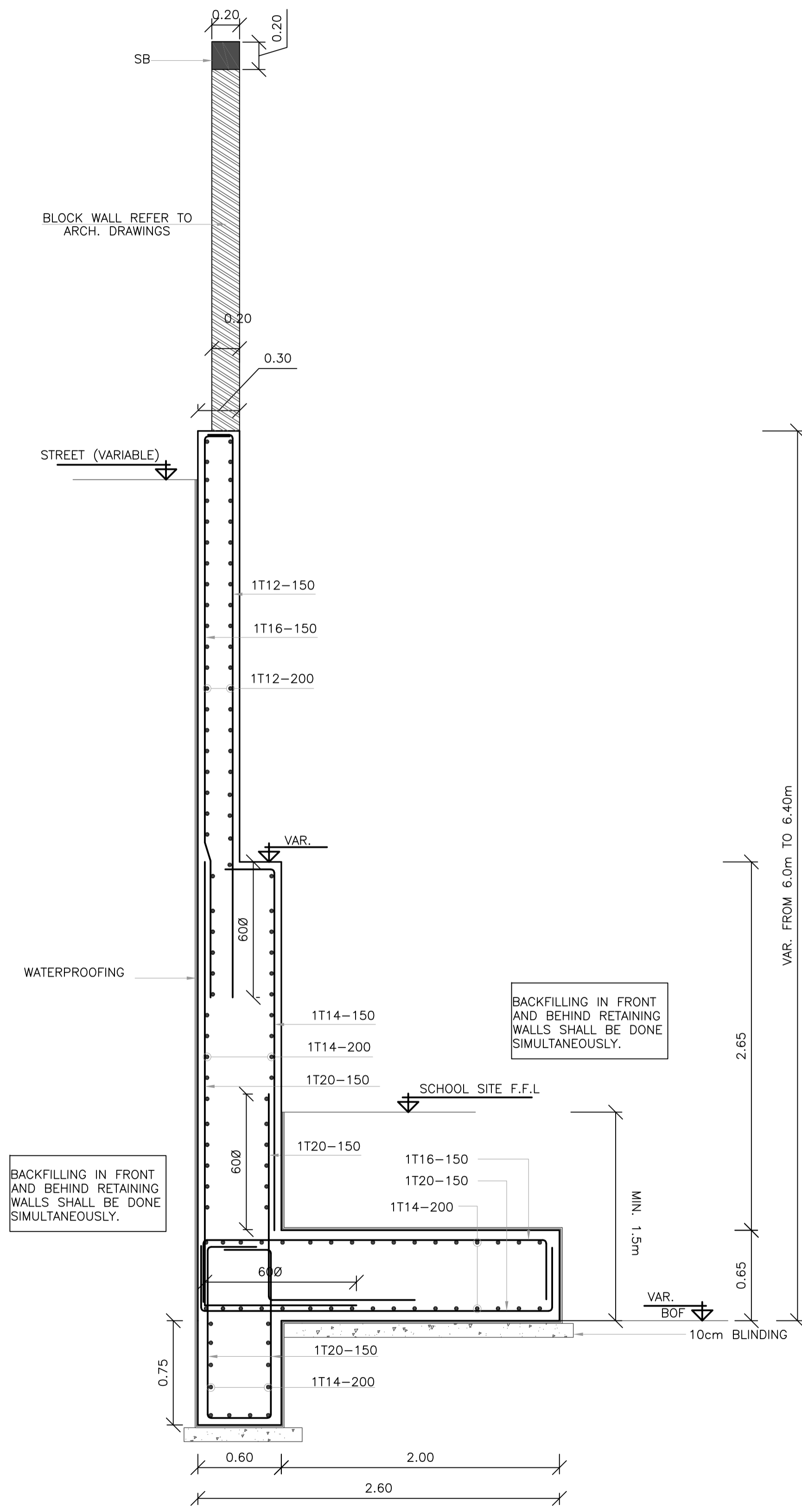
Design: M.N. Drawn: CAD Checked: I.K. North  
 Approved: W.Z. Rev.: 0  
 DRAWING NUMBER: SKEP 16-SD620

REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

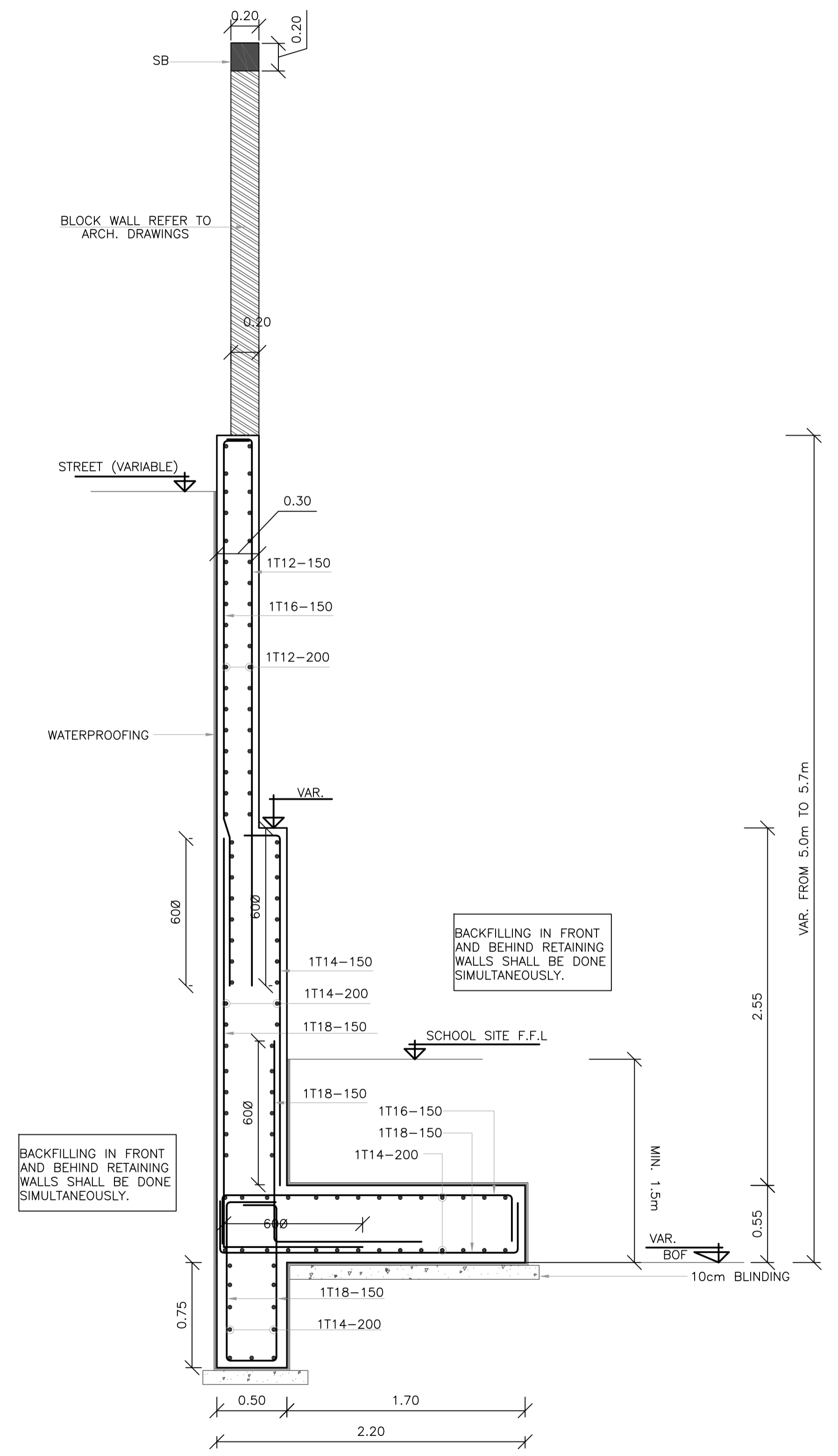
NOTES:  
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SECTION 1  
1:25



SECTION 2  
1:25



SECTION 3  
1:25

REV.	DATE	REMARKS
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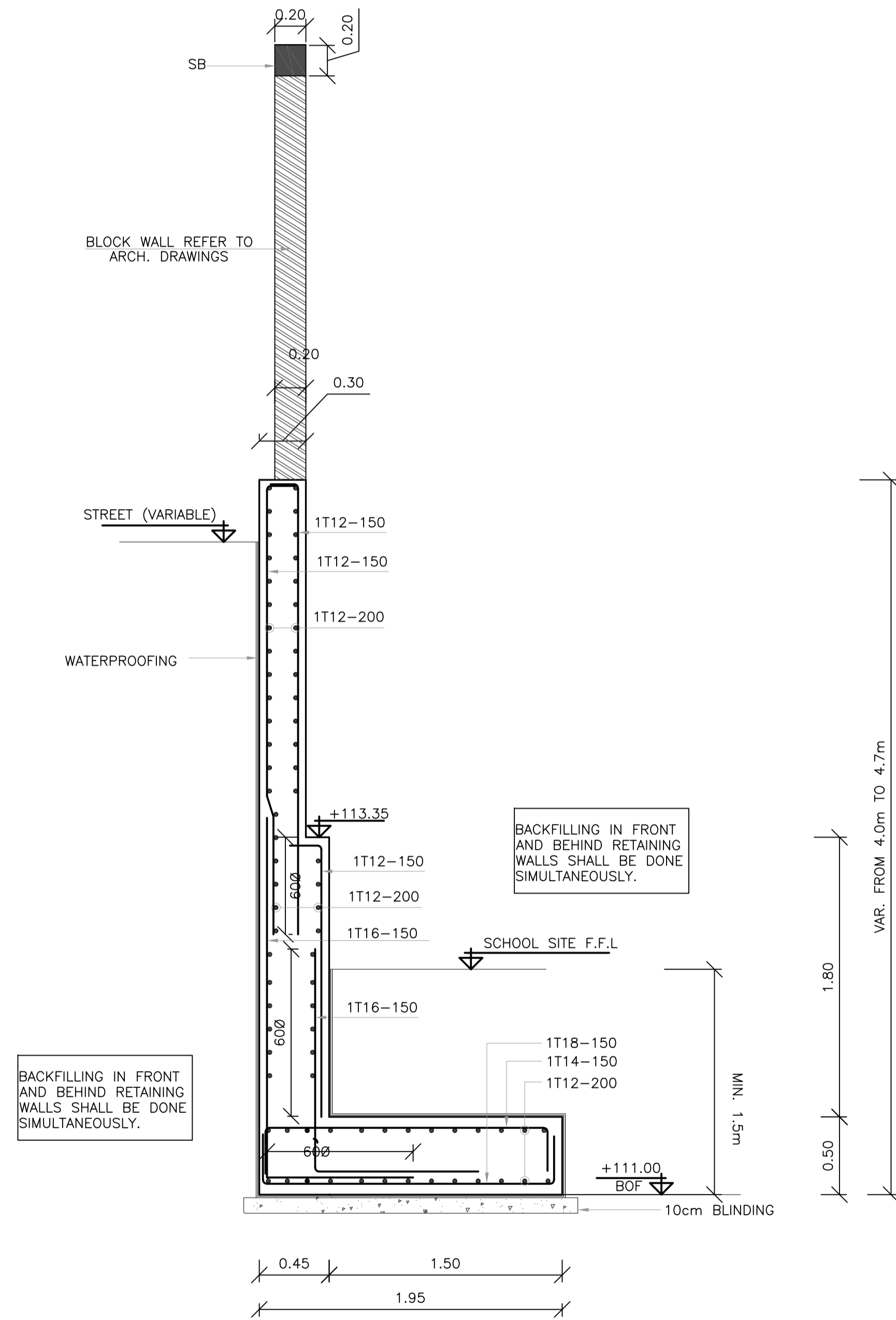


PHASE III	HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)
PACKAGE 2	SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

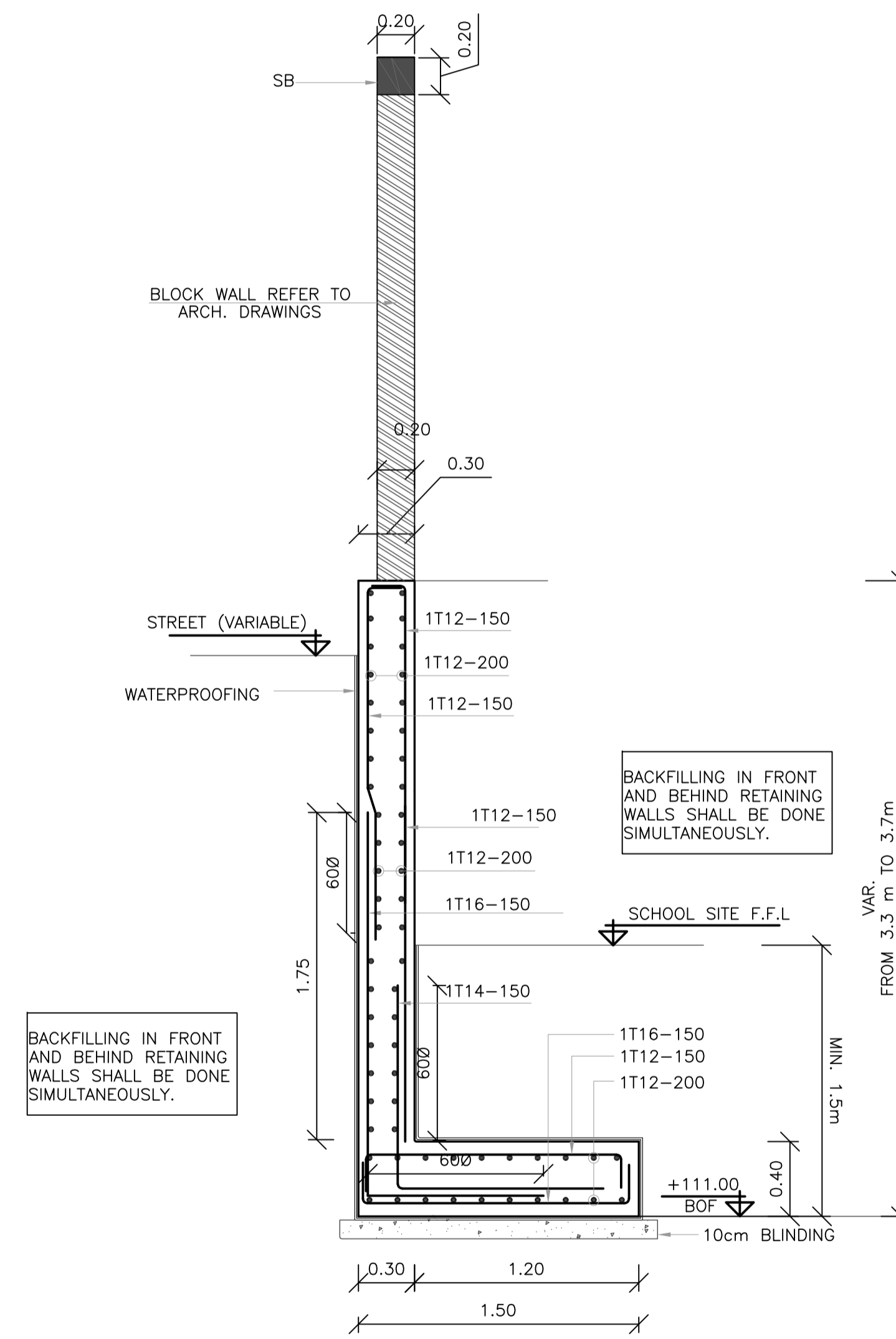
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DESIGN:	M.N.
SCALE:	1:25
DATE:	June 2019
LOCATION:	AL NABI HOOD
BASIN NO:	003-AL HAMRA

CHECKED:	I.K.
APPROVED:	W.Z.
DRAWING NUMBER:	SKEP 16-SD621
REV.:	0

- NOTES:
- BACKFILLING IN FRONT AND BEHIND RETAINING WALLS SHALL BE DONE SIMULTANEOUSLY.
  - DO NOT BACKFILL AGAINST BUILDING FOUNDATION AND RETAINING WALLS UNTIL RESTRAINING SLABS AND ADEQUATE BRACING ARE IN PLACE. ALL BACKFILL SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH SPECIFICATIONS.
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4 SECTION  
620 1:25



5 SECTION  
620 1:25

REV.	DATE	REMARKS
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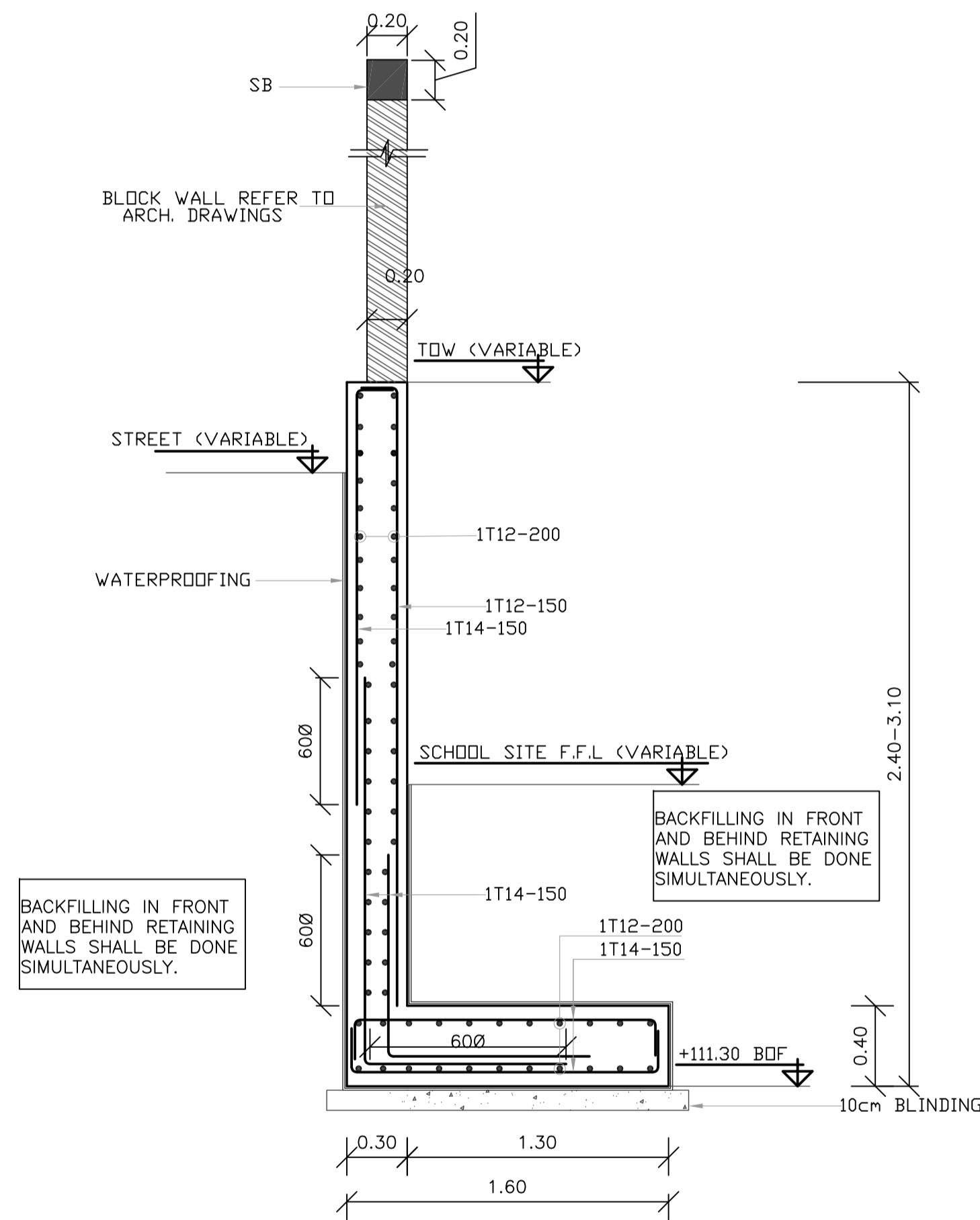


PHASE III	HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)
PACKAGE 2	SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

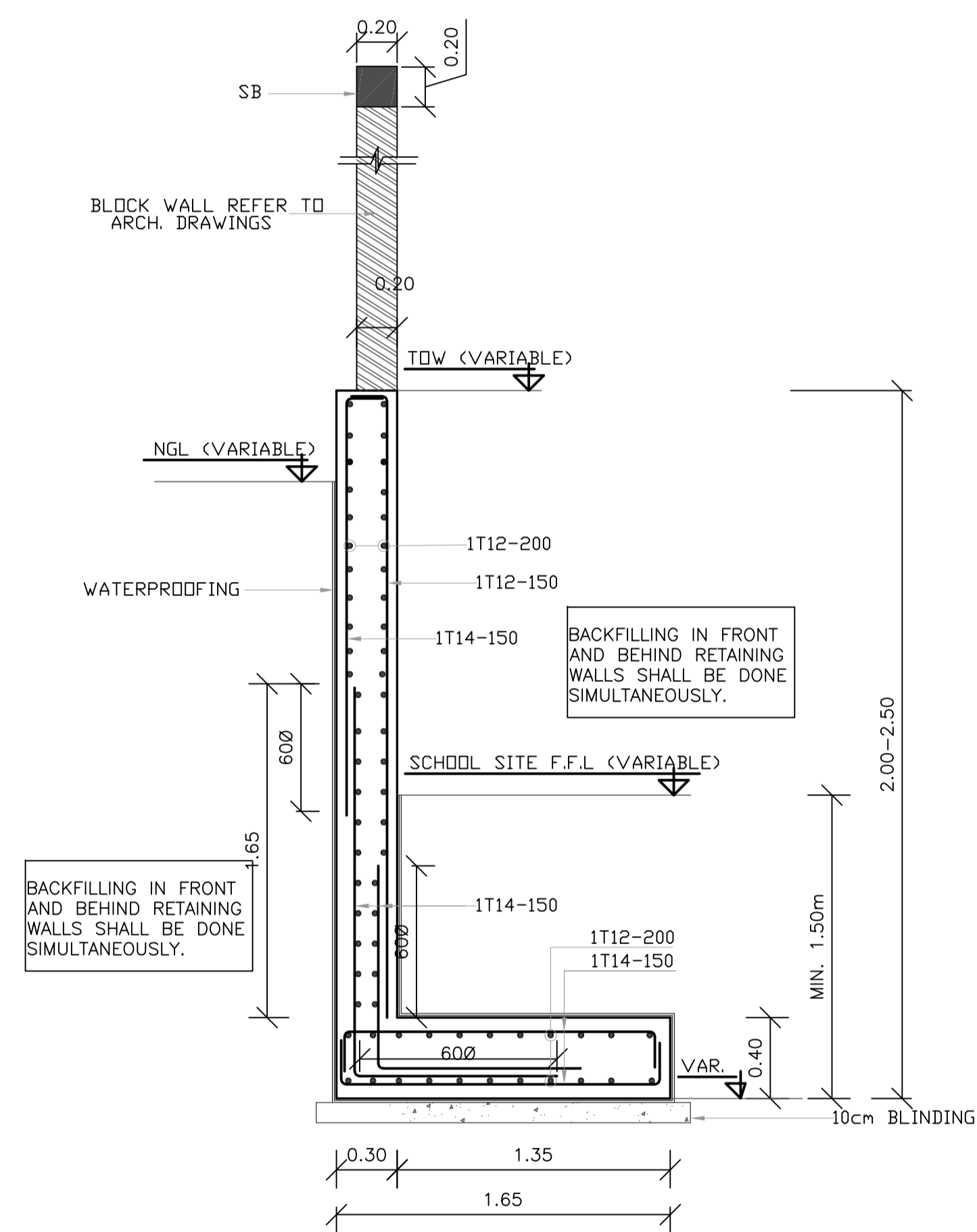
DRAWING NAME:	BOUNDARY WALL 2 SECTIONS 2 OF 2
Design:	M.N.
Drawn:	CAD
Scale:	1:25
Date:	June 2019
Checked:	I.K.
Approved:	W.Z.

PLOT No	99	LOCATION	AL NABI HOOD	BASIN NO	003-AL HAMRA	DRAWING NUMBER:	SKEP 16-SD622	Rev.:	0
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- NOTES:
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SECTION 6  
1:25



SECTION 7  
1:25

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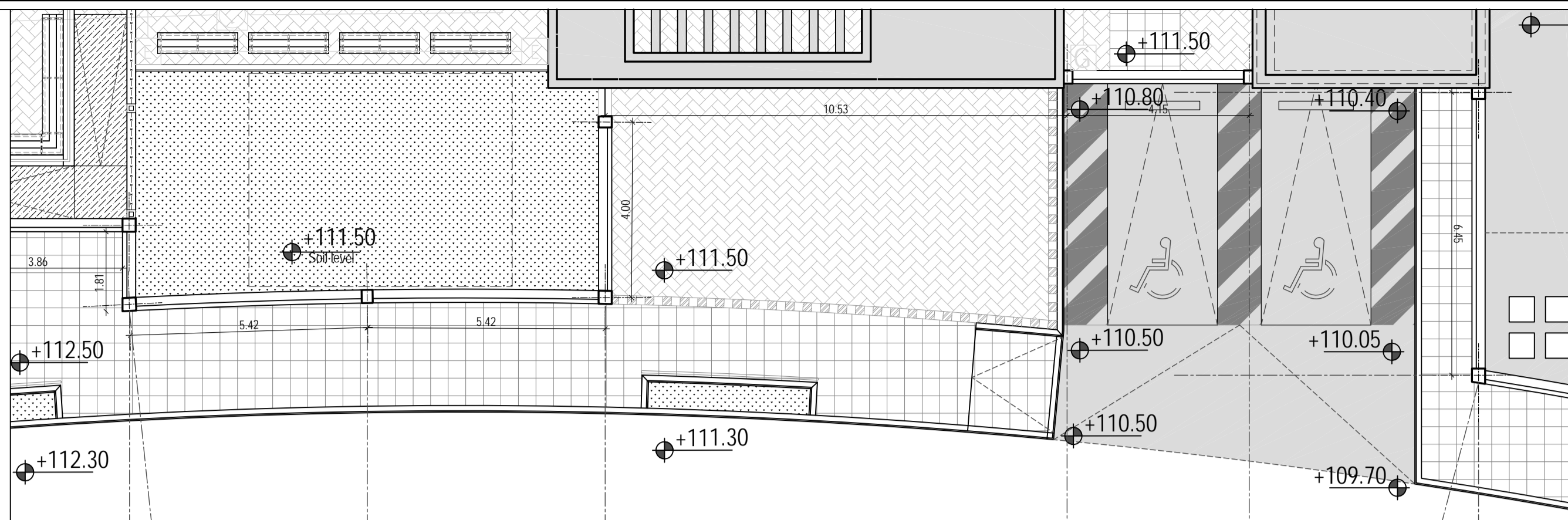


PHASE III	HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)
PACKAGE 2	SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

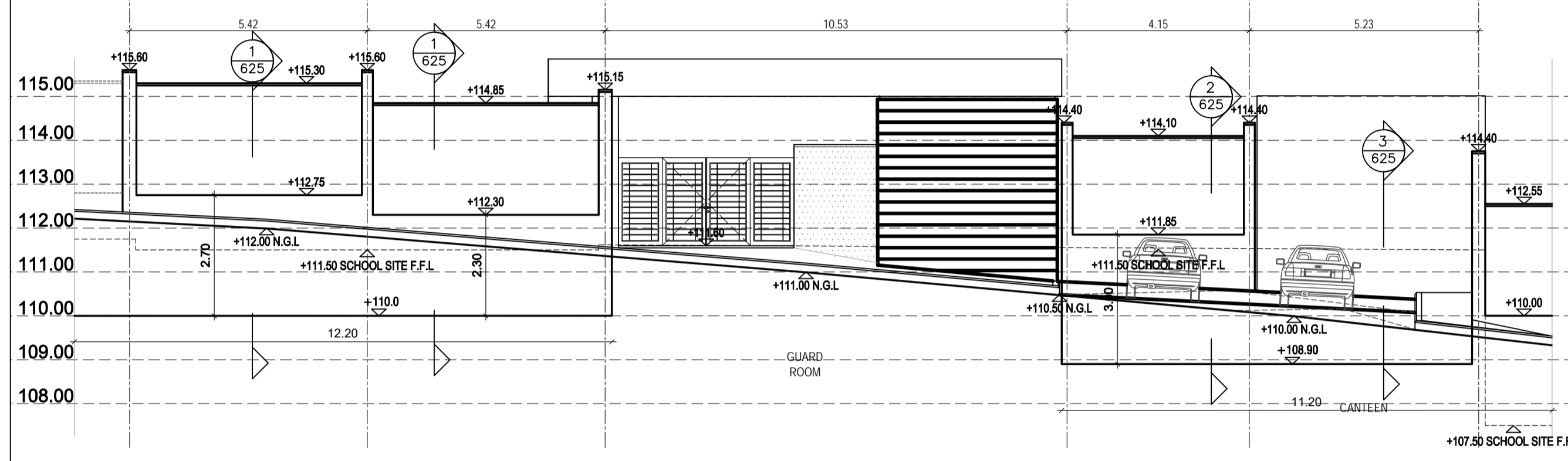
DRAWING NAME: BOUNDARY WALL 3& 4 SECTIONS	
Design: M.N.	Drawn: CAD
Scale: 1:25	Date: June 2019
Checked: I.K.	Approved: W.Z.
PLOT No: 99	LOCATION: AL NABI HOOD
BASIN NO: 003-AL HAMRA	DRAWING NUMBER: SKEP 16-SD623

Rev: 0	North
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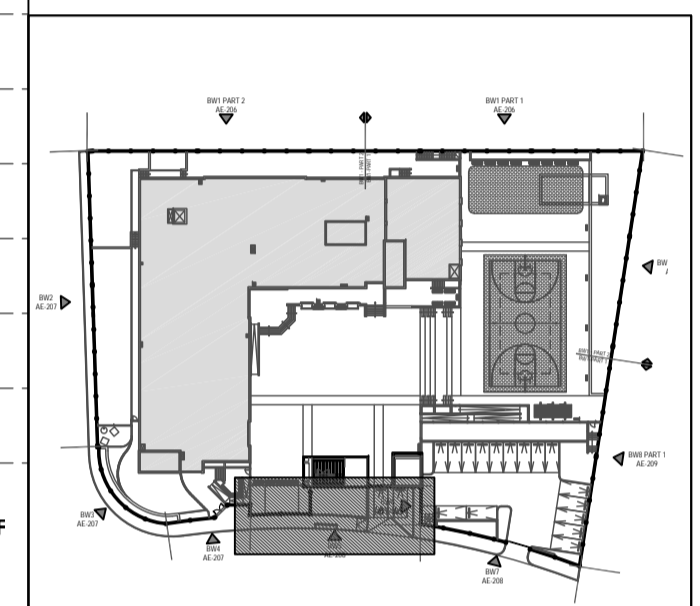




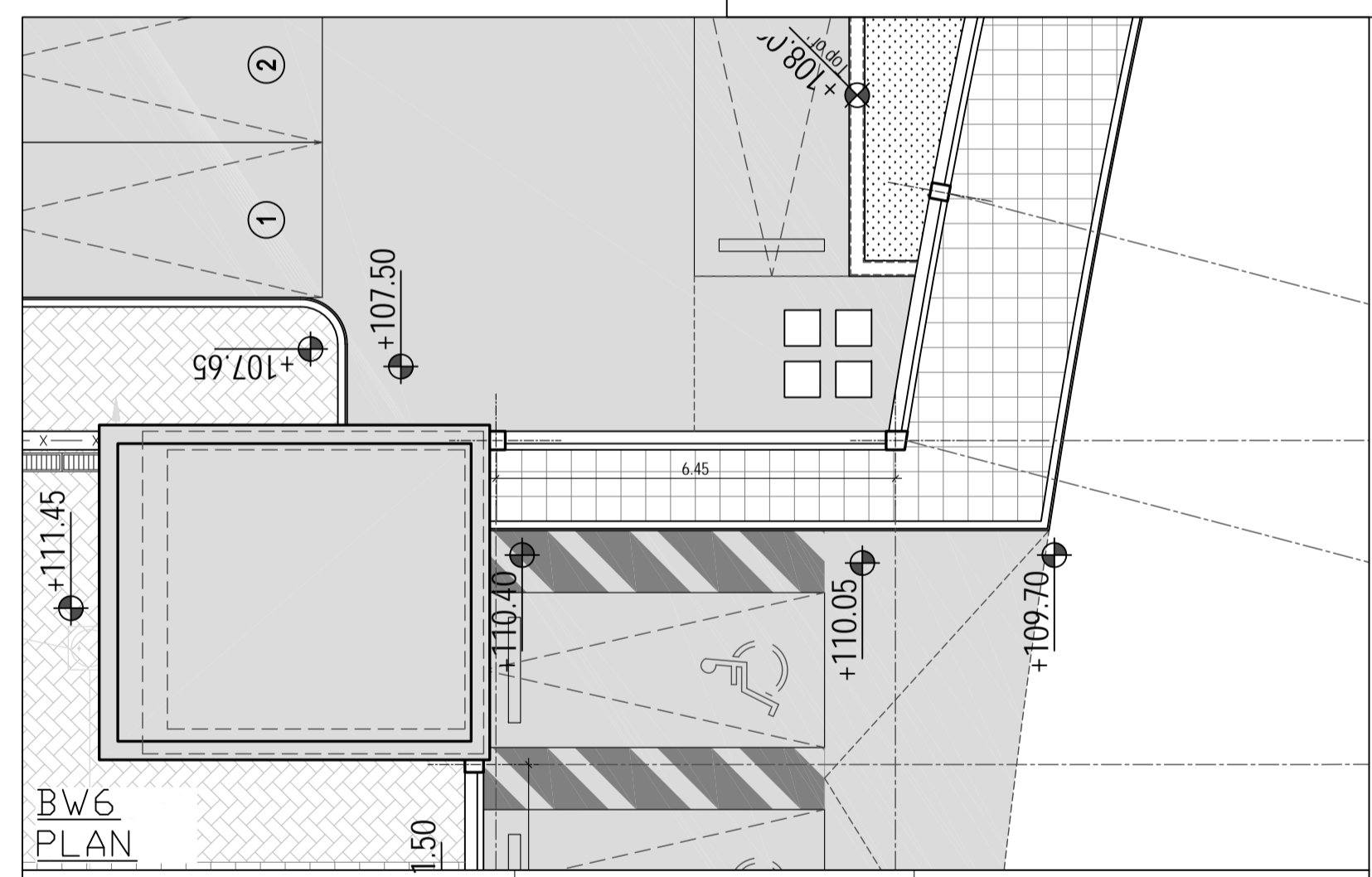
BW5  
PLAN



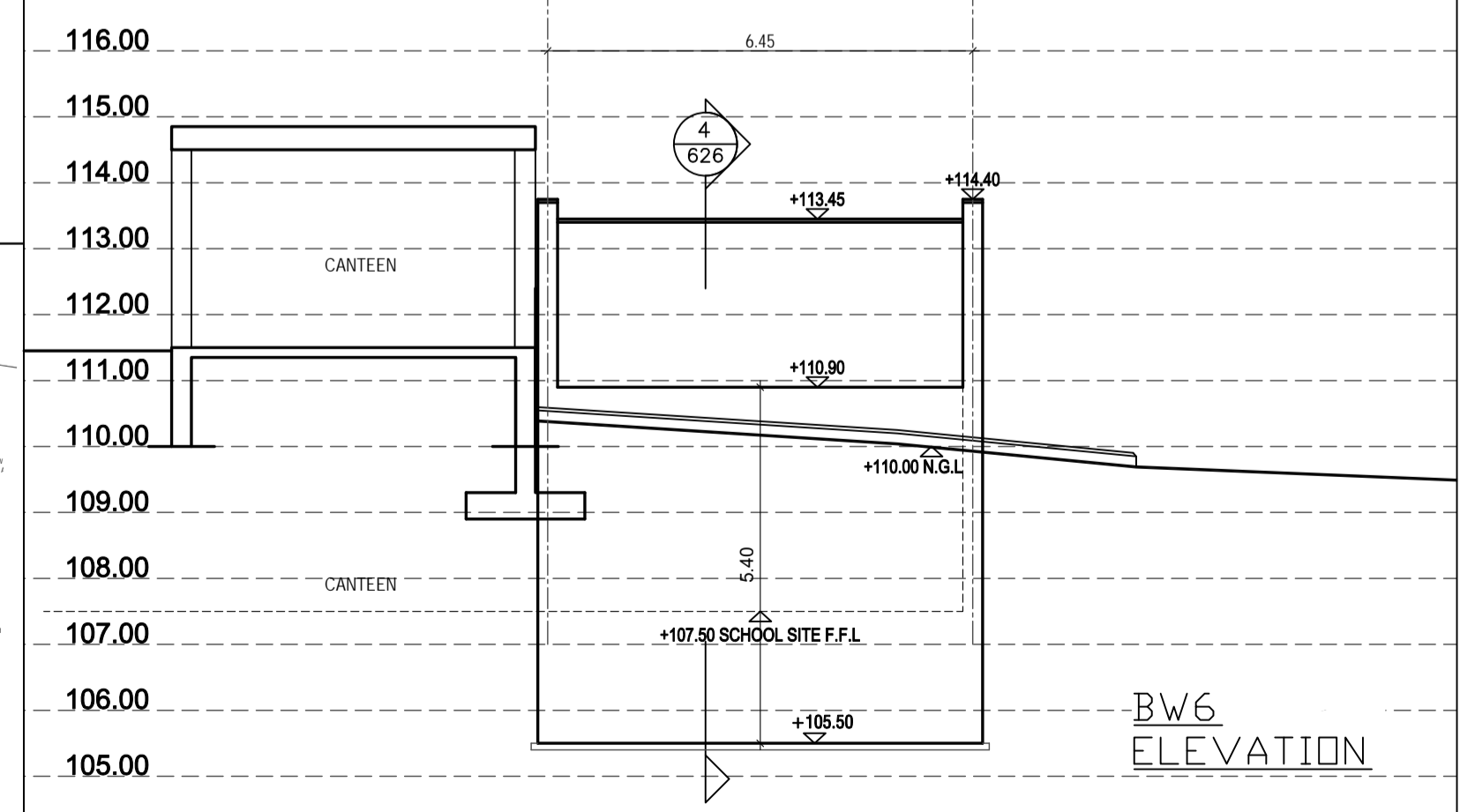
BW5  
ELEVATION



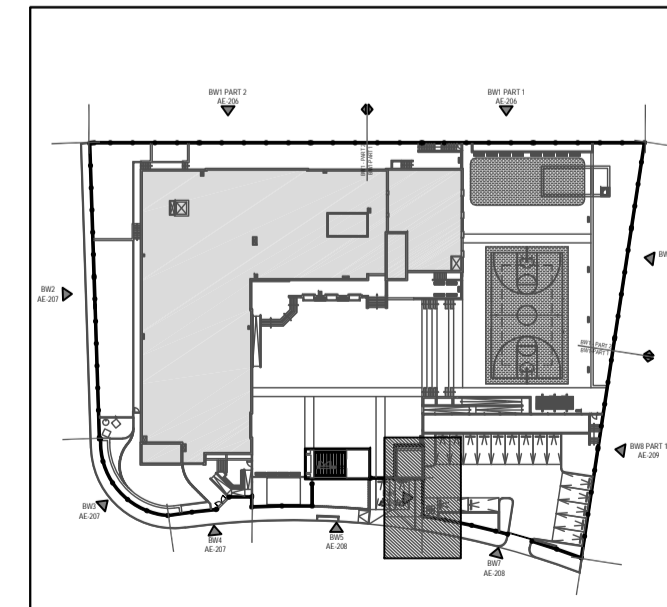
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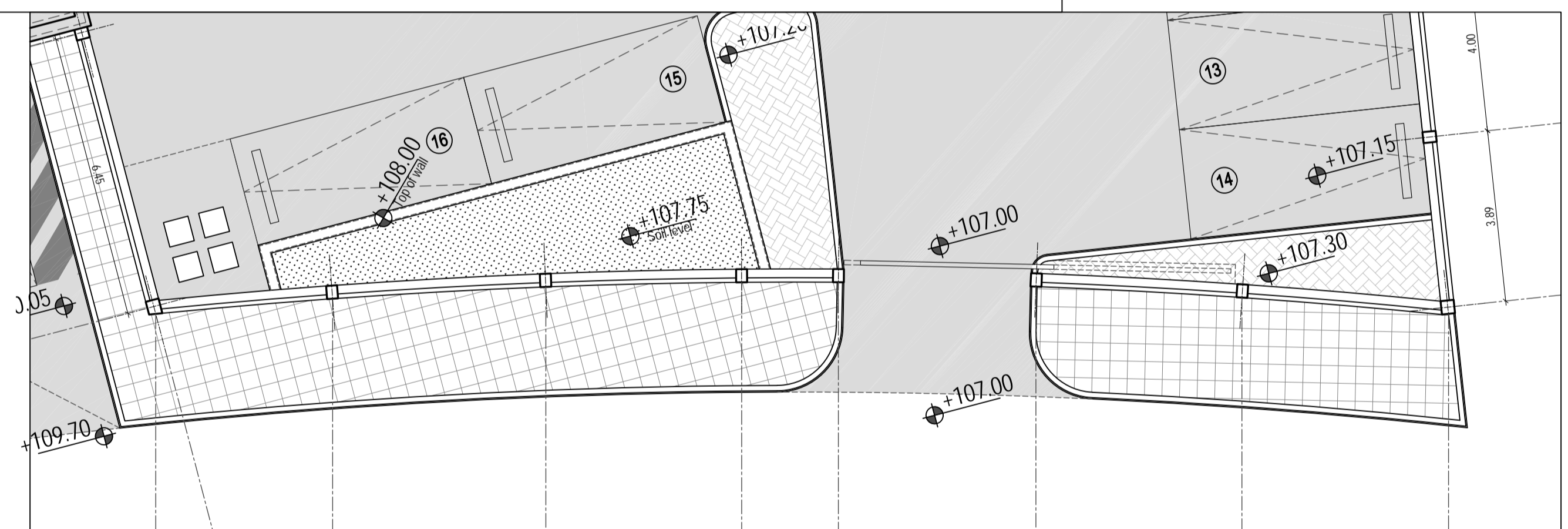
BW6  
PLAN



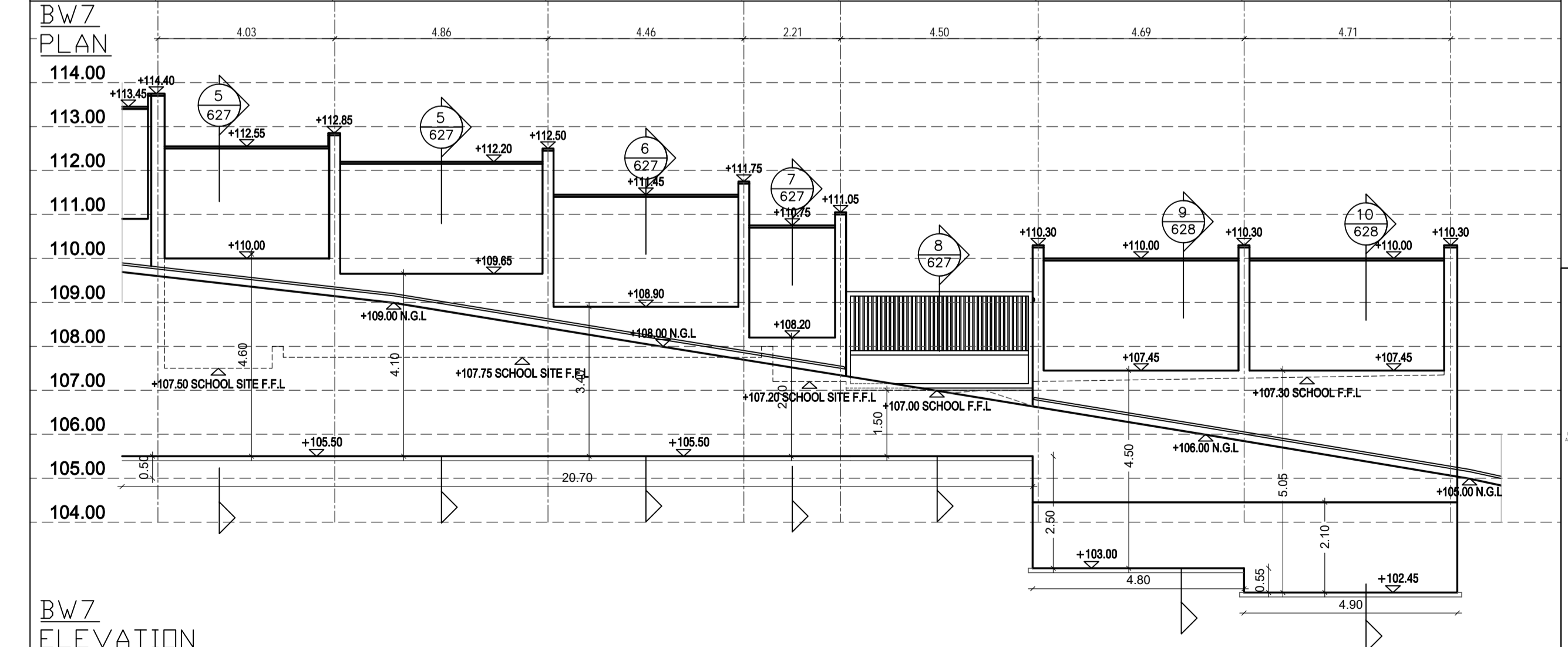
BW6  
ELEVATION



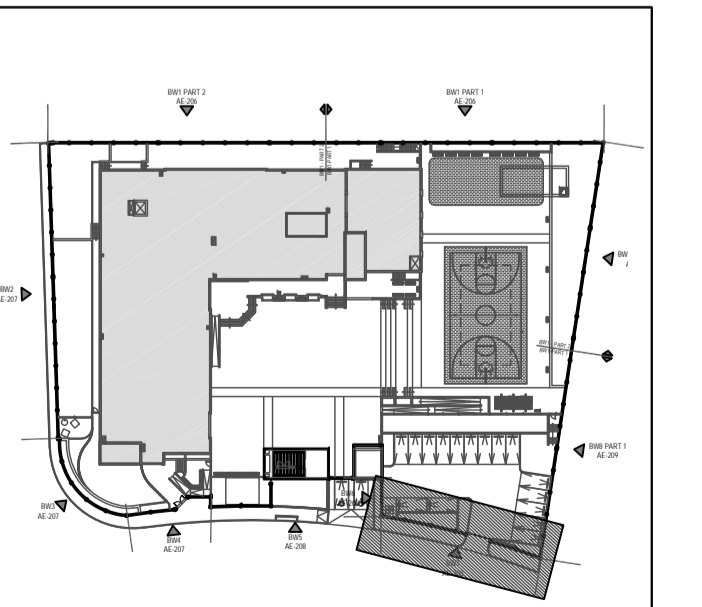
BW6 KEY



BW7  
PLAN



BW7  
ELEVATION



BW7 KEY

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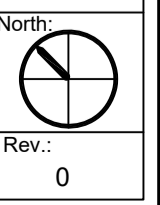
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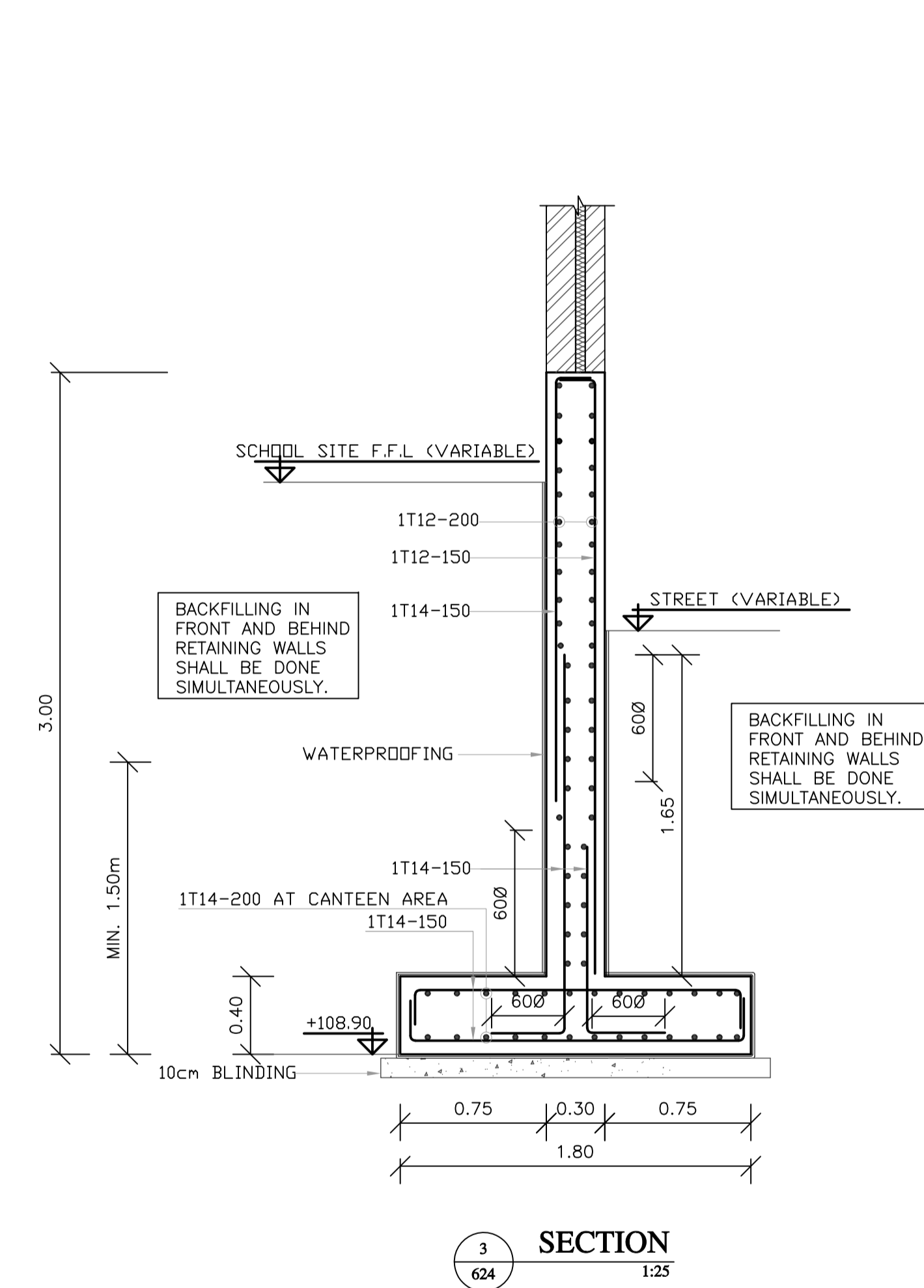
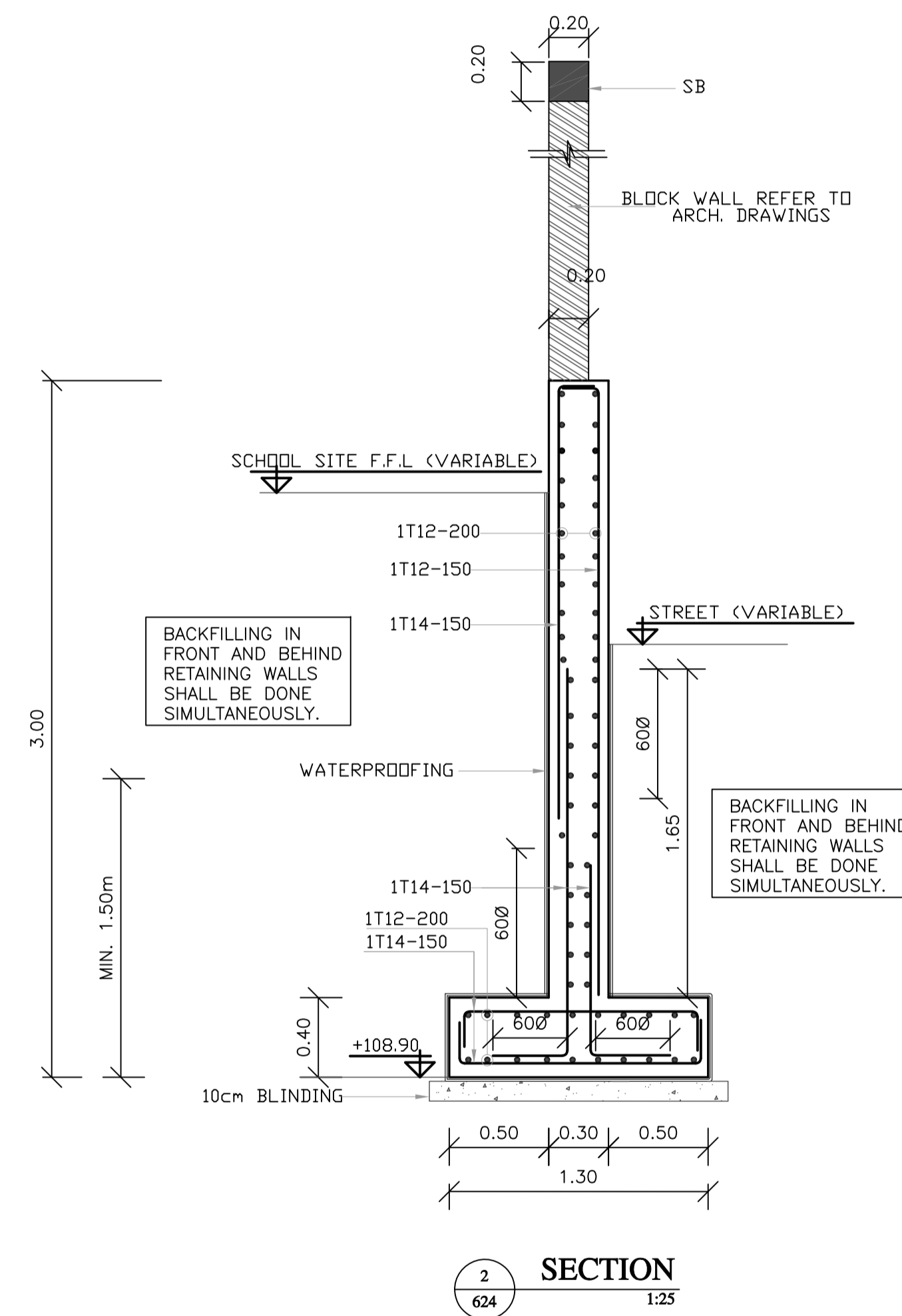
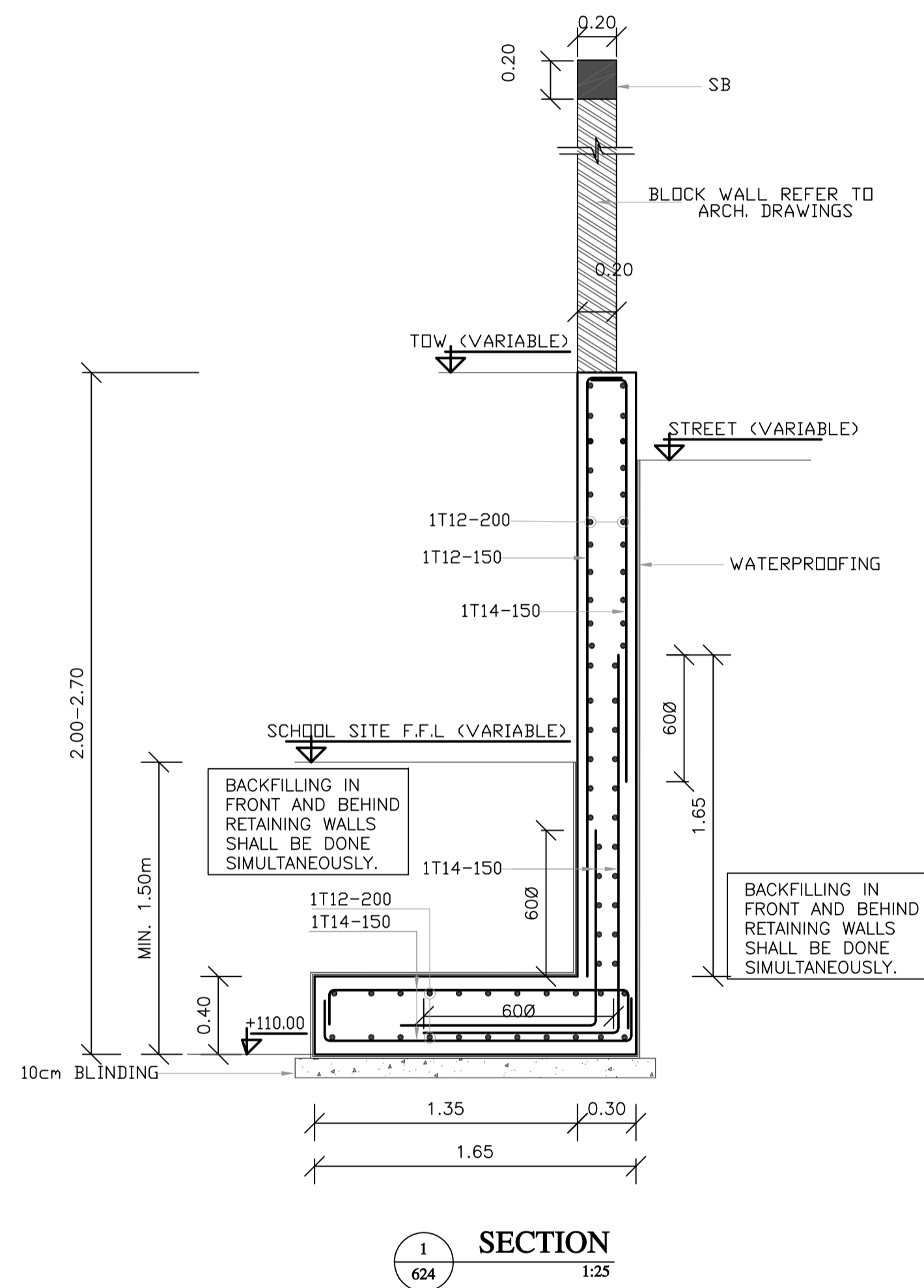
PHASE III  
PACKAGE 2  
HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME:  
BOUNDARY WALLS 5,6&7  
PLANS & ELEVATIONS  
PLOT No 99  
LOCATION AL NABI HOOD  
BASIN NO 003-AL HAMRA

Design: M.N.  
Scale: AS SHOWN  
Date: June 2019  
Checked: I.K.  
Approved: W.Z.  
DRAWING NUMBER:  
SKEP 16-SD624  
Rev: 0



- NOTES:
- BACKFILLING IN FRONT AND BEHIND RETAINING WALLS SHALL BE DONE SIMULTANEOUSLY.
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REV.	DATE	REMARKS
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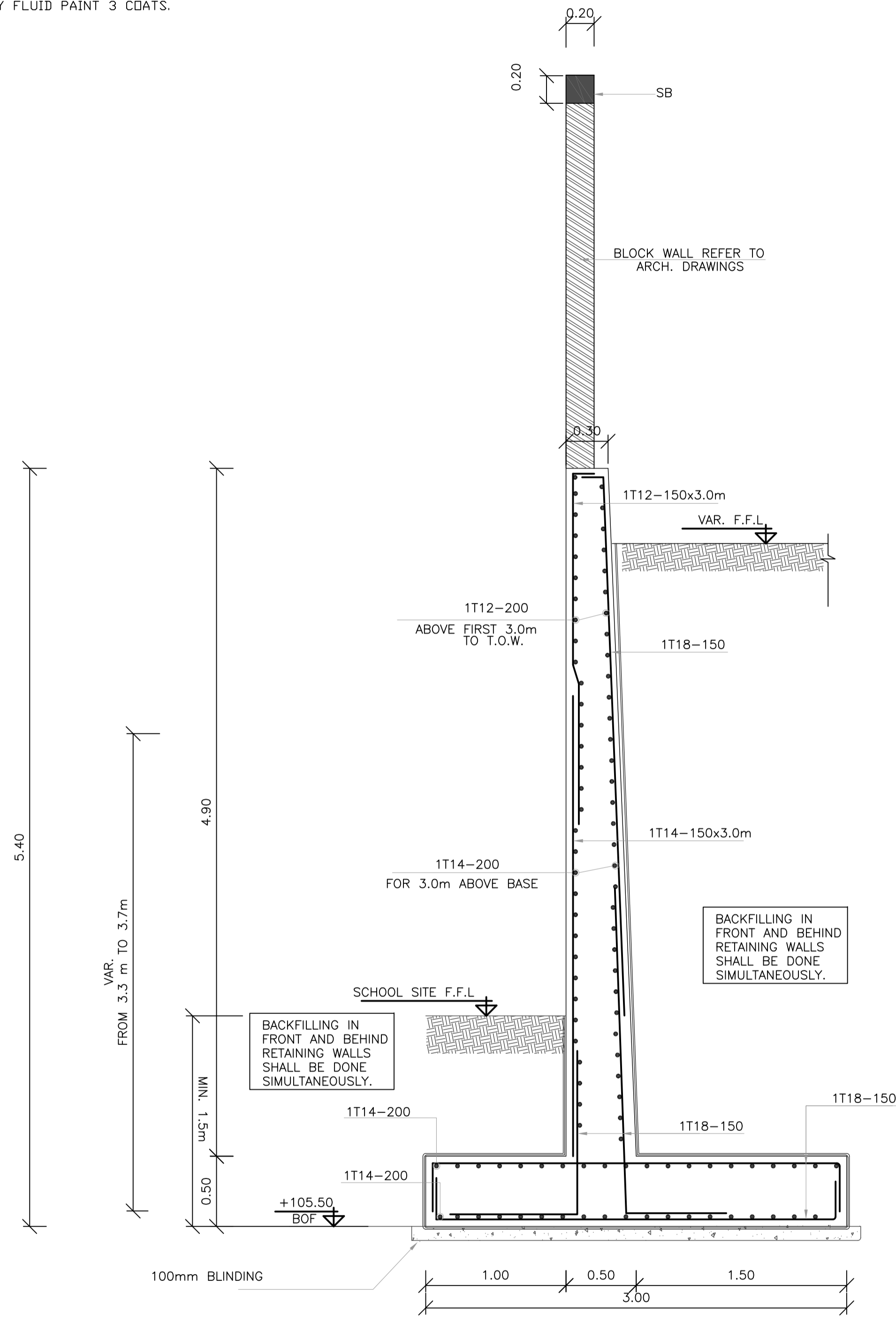


PHASE III  
PACKAGE 2  
HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME: BOUNDARY WALL 5 SECTIONS  
Design: M.N.  
Scale: 1:25  
Drawn: CAD  
Date: June 2019  
Checked: I.K.  
Approved: W.Z.

DRAWING NUMBER: SKEP 16-SD625  
Basin No: 003-AL HAMRA  
Rev: 0

- NOTES:
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SECTION 4  
1:25

REV.	DATE	REMARKS
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NOTES:

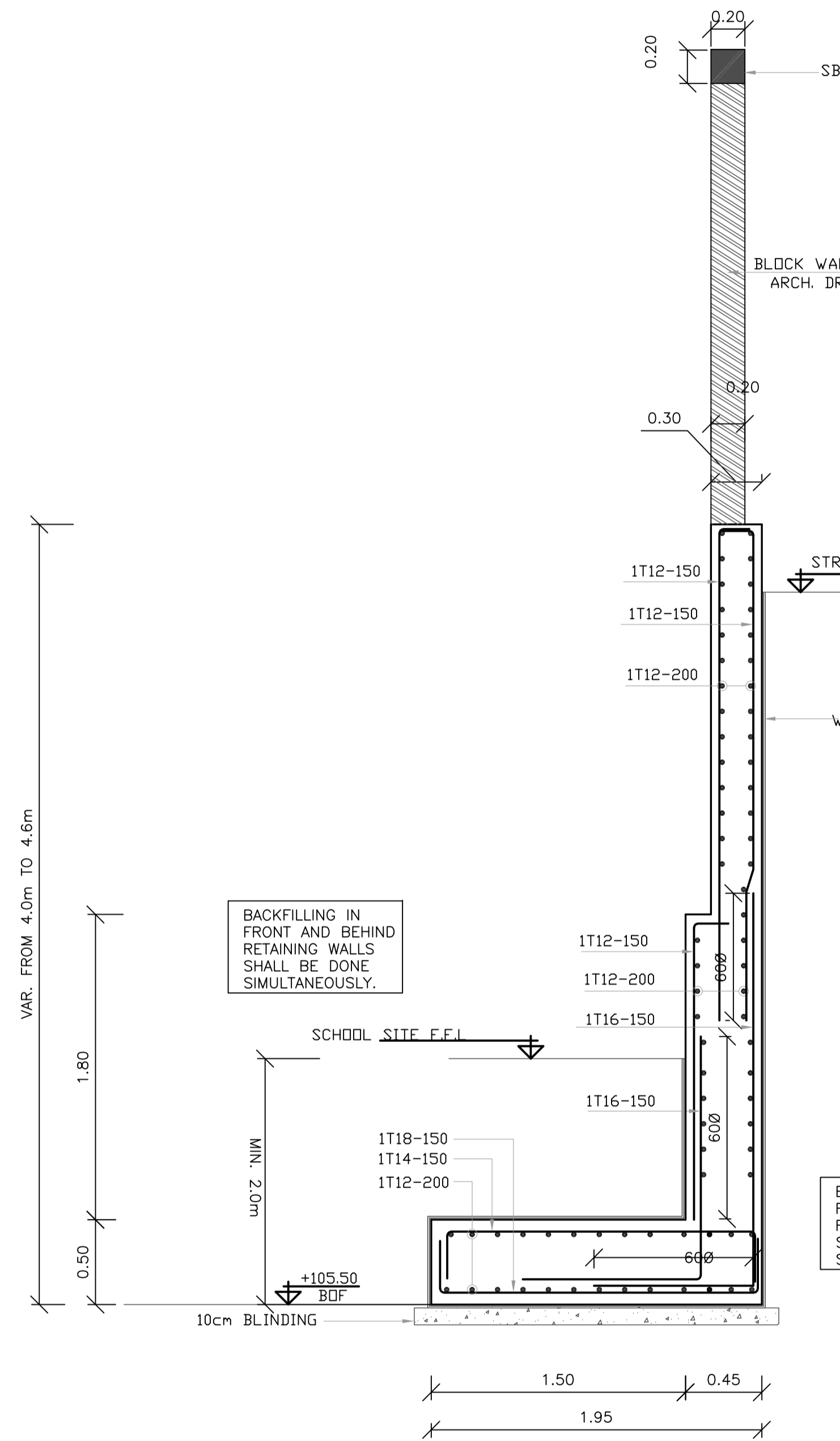


PHASE III HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
PACKAGE 2 SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

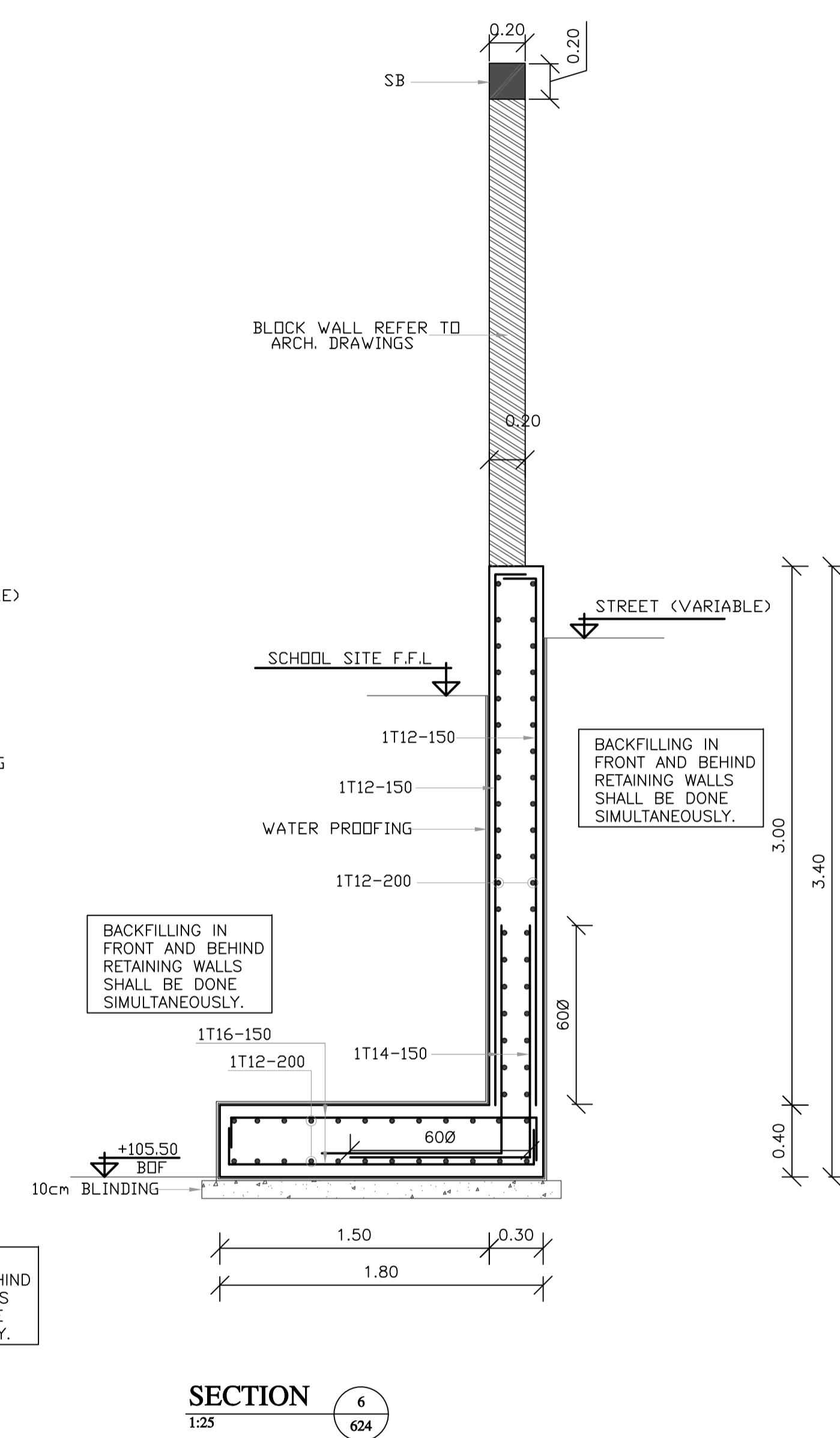
DRAWING NAME: BOUNDARY WALL 6 SECTIONS  
Design: M.N. Drawn: CAD Checked: I.K. North  
Scale: 1:25 Date: June 2019 Approved: W.Z.

PLOT No	LOCATION	BASIN NO	DRAWING NUMBER	Rev.
99	AL NABI HOOD	003-AL HAMRA	SKEP 16-SD626	0

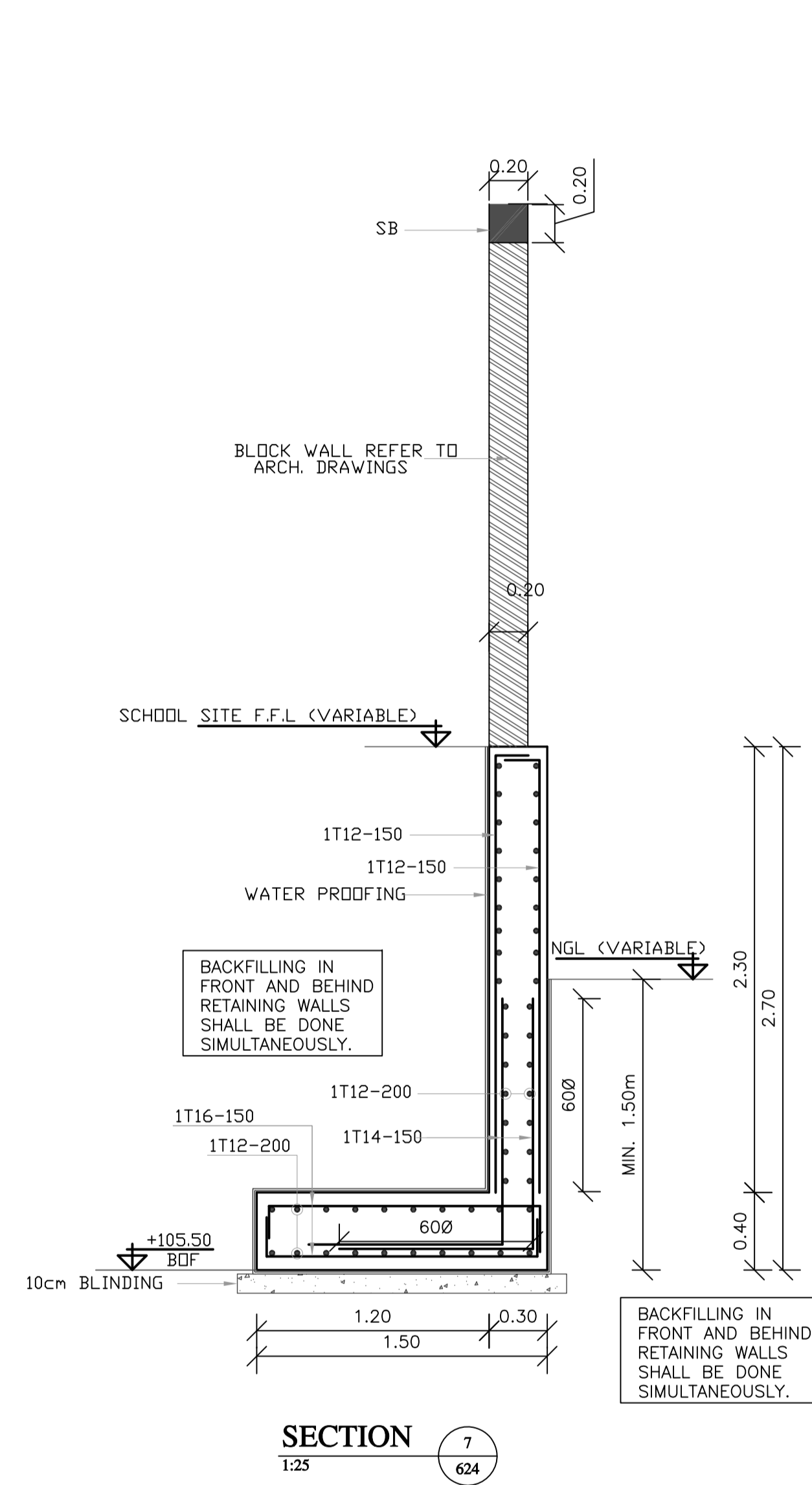
NOTES:  
 -BACKFILLING IN FRONT AND BEHIND RETAINING WALLS SHALL BE DONE SIMULTANEOUSLY.  
 -DO NOT BACKFILL AGAINST BUILDING FOUNDATION AND RETAINING WALLS UNTIL RESTRAINING SLABS AND ADEQUATE BRACING ARE IN PLACE. ALL BACKFILL SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH SPECIFICATIONS.  
 -DO NOT BACKFILL AGAINST CONCRETE CANTILEVER RETAINING WALLS UNTIL CONCRETE HAS ATTAINED ITS SPECIFIED 28-DAY COMPRESSIVE STRENGTH FCU. ALL BACKFILL SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH THE SPECIFICATIONS.  
 -RETAINING WALL SURFACES IN CONTACT WITH SOIL SHOULD BE INSULATED BY FLUID PAINT 3 COATS.  
 -FOR WEEP HOLES DETAILS REFER TO STRUCTURAL NOTES DWG. SG001



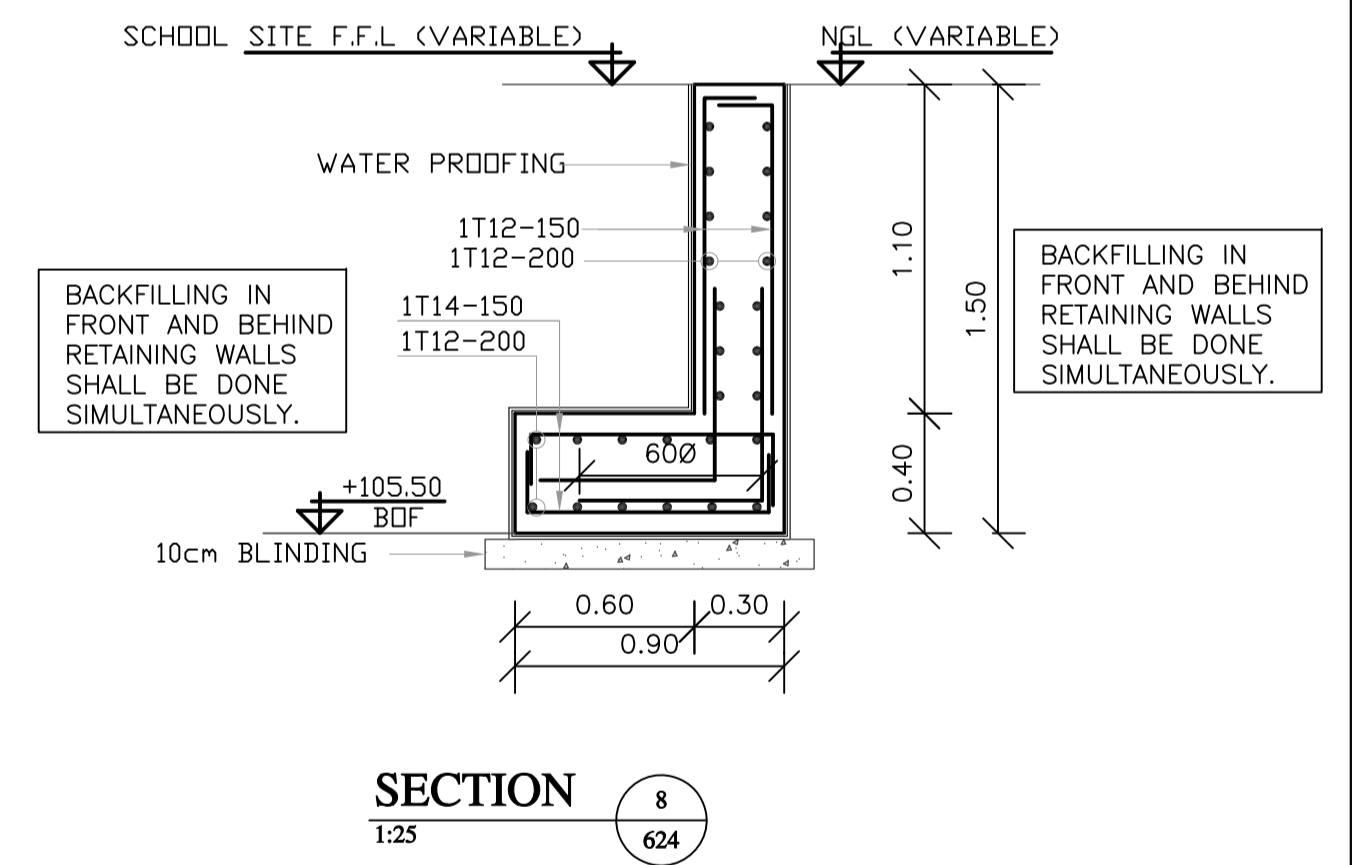
SECTION 5  
1:25



SECTION 6  
1:25



SECTION 7  
1:25



SECTION 8  
1:25

REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

NOTES:



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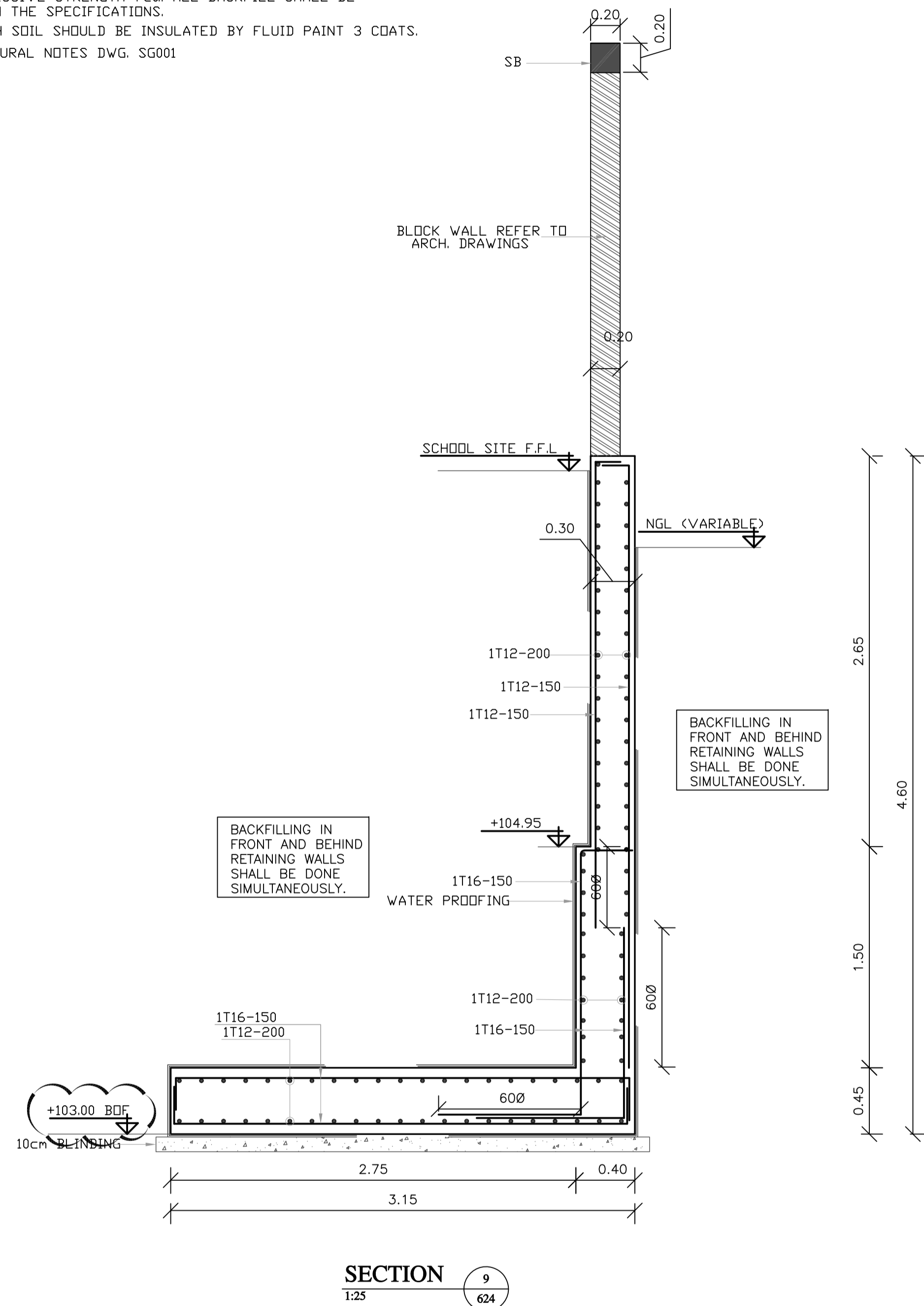


PHASE III	HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)
PACKAGE 2	SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

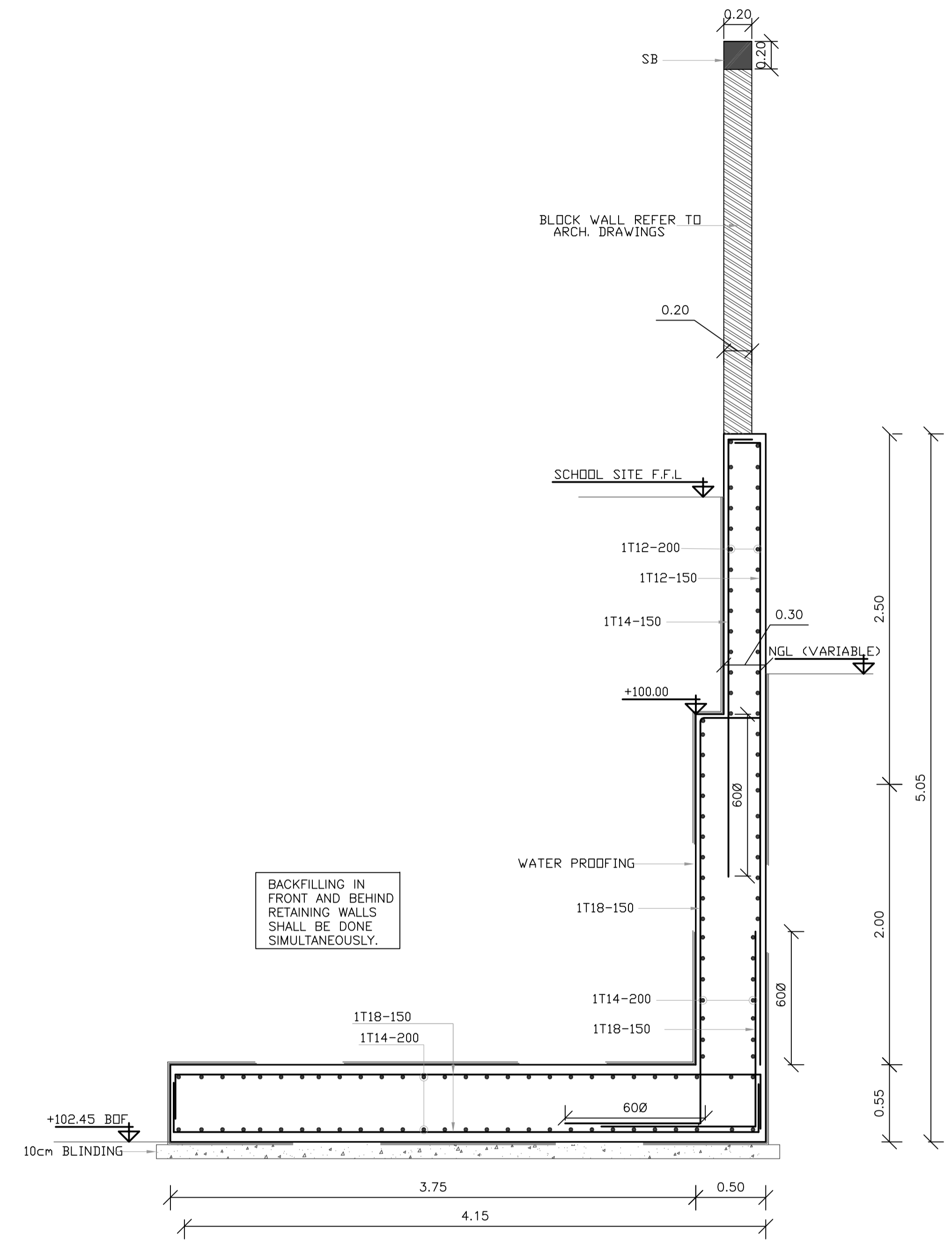
DRAWING NAME: BOUNDARY WALL 7 SECTIONS SHEET 1 OF 2	
Design: M.N.	Drawn: CAD
Scale: 1:25	Date: June 2019
Checked: I.K.	Approved: W.Z.

PLOT No: 99	LOCATION: AL NABI HOOD	BASIN NO: 003-AL HAMRA	DRAWING NUMBER: SKEP 16-SD627
Rev: 0			

NOTES:  
 -BACKFILLING IN FRONT AND BEHIND RETAINING WALLS SHALL BE DONE SIMULTANEOUSLY.  
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 -RETAINING WALL SURFACES IN CONTACT WITH SOIL SHOULD BE INSULATED BY FLUID PAINT 3 COATS.  
 -FDR WEEP HOLES DETAILS REFER TO STRUCTURAL NOTES DWG. SG001



SECTION 9  
1:25



SECTION 10  
1:25

REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

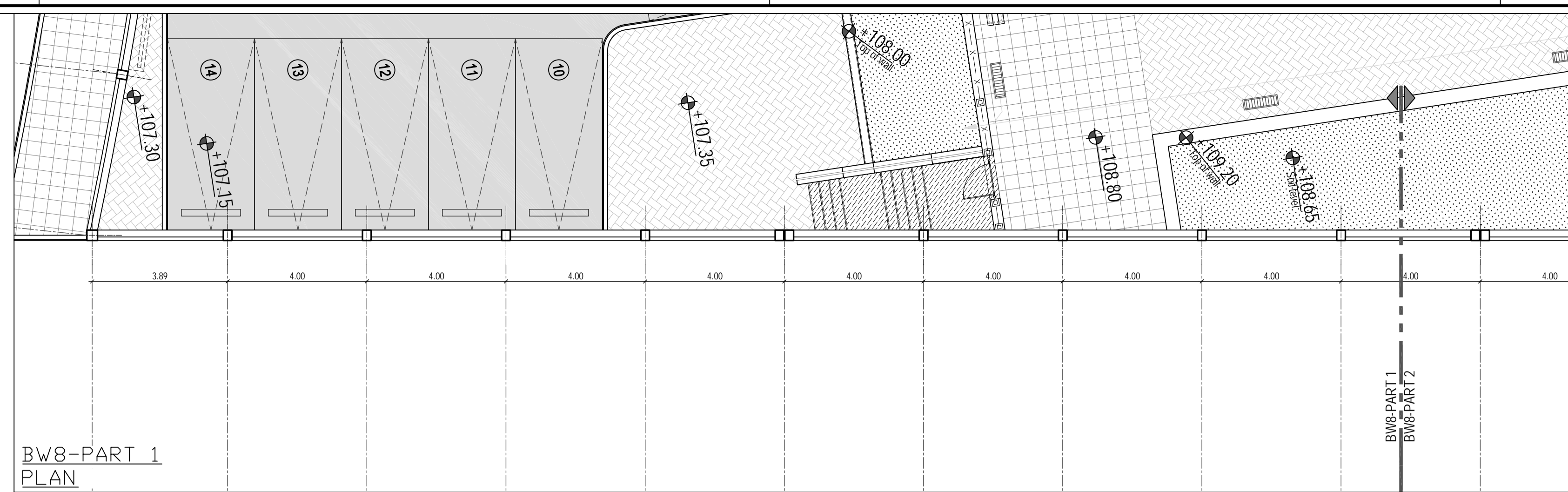
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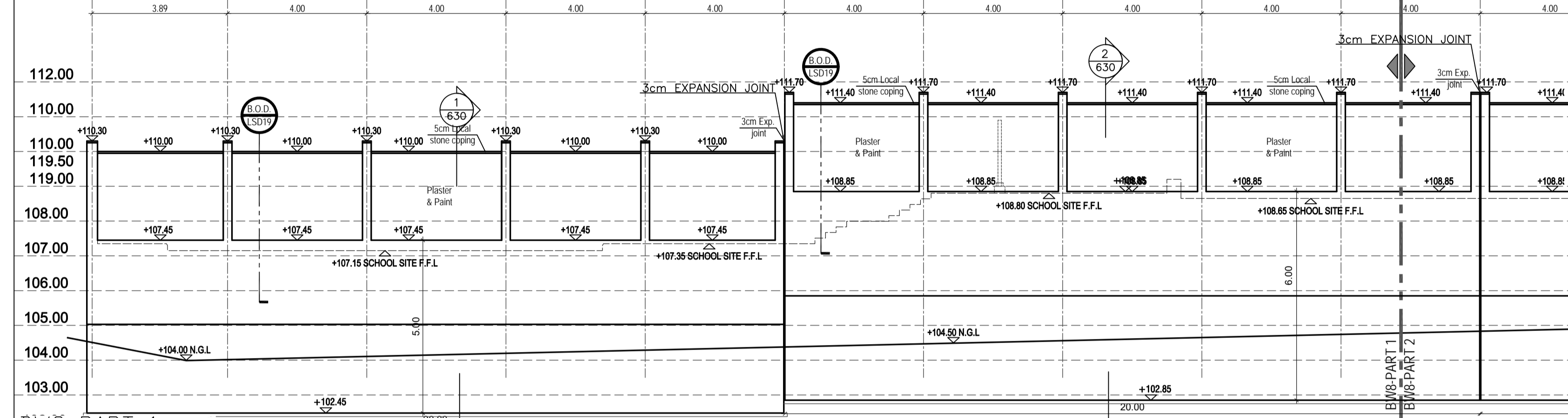
PHASE III	HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)
PACKAGE 2	SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME:	BOUNDARY WALL 7 SECTIONS SHEET 2 OF 2
Design:	M.N.
Drawn:	CAD
Scale:	1:25
Date:	June 2019
Checked:	I.K.
Approved:	W.Z.

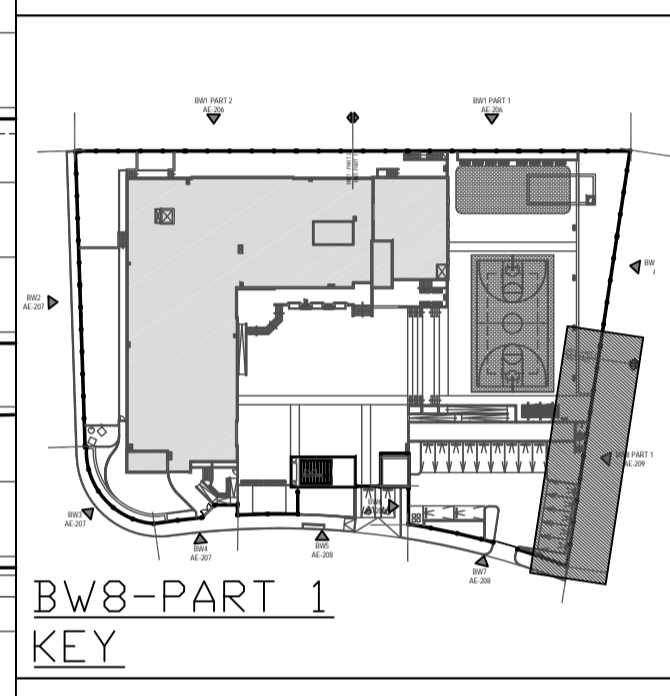
PLOT No	99	LOCATION	AL NABI HOOD	BASIN NO	003-AL HAMRA	DRAWING NUMBER:	SKEP 16-SD628	Rev.:	0
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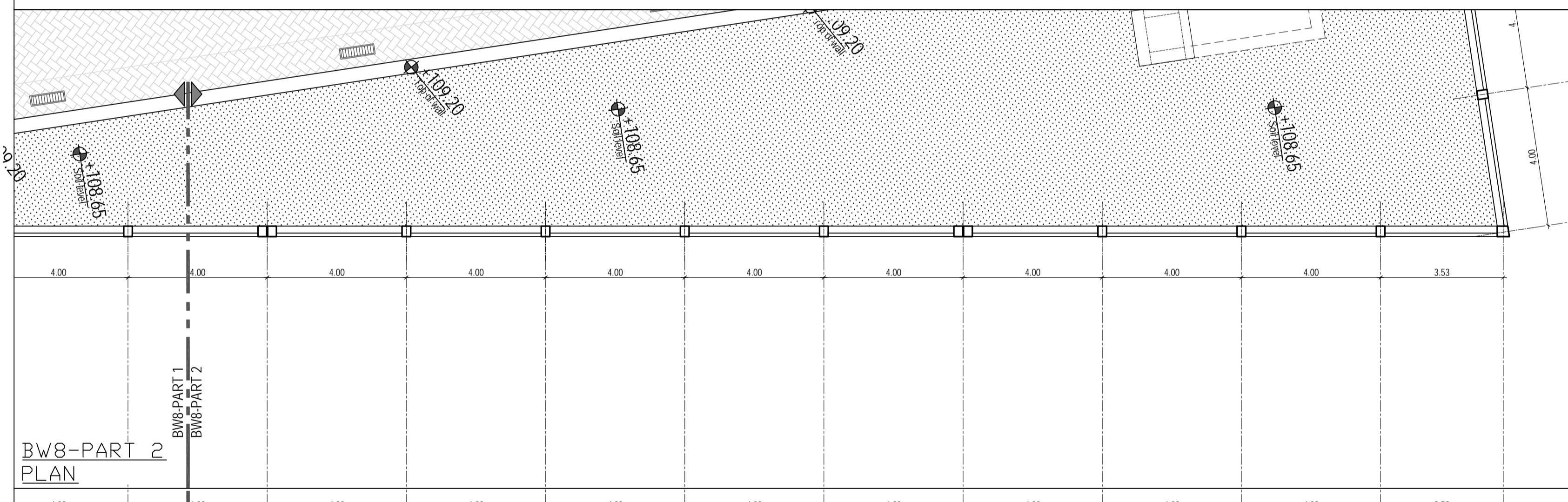
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PLAN



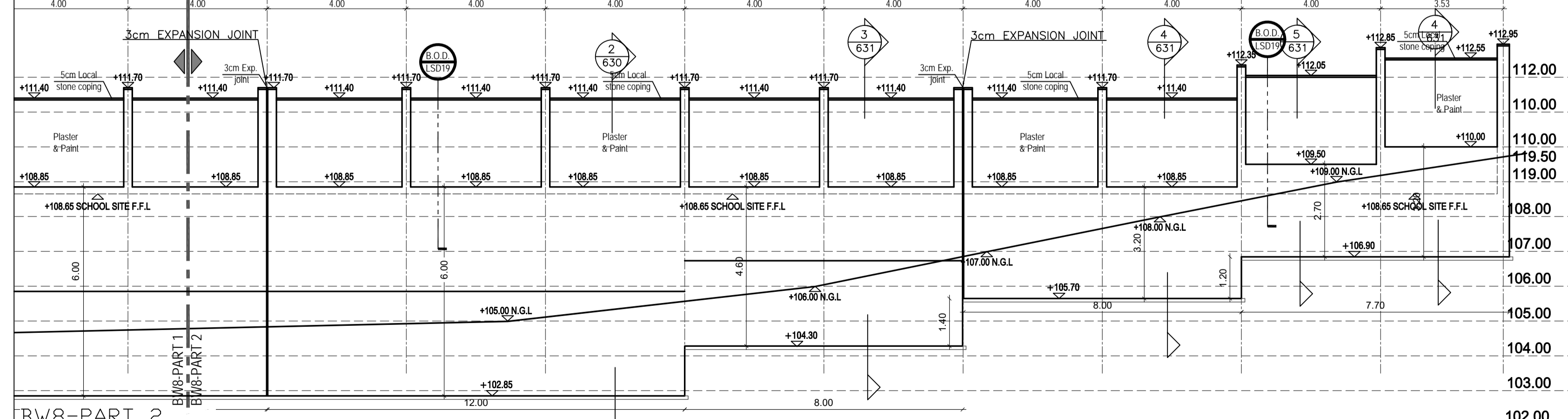
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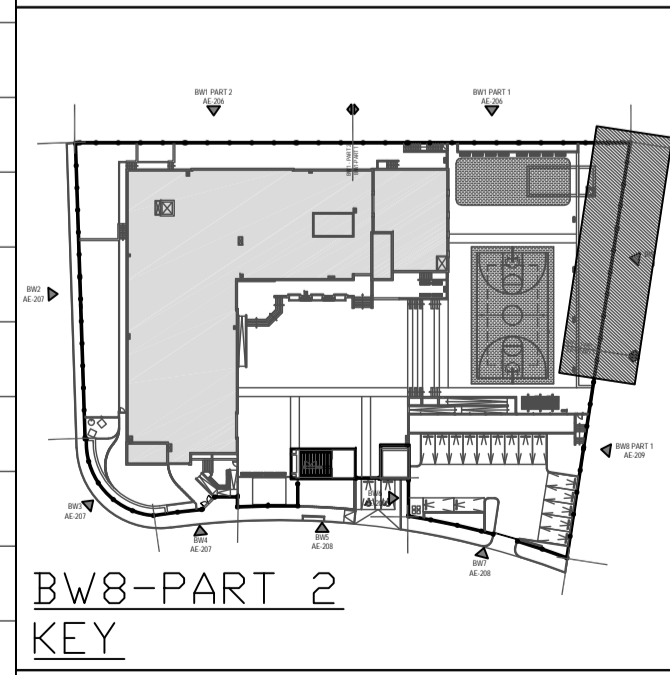
BW8-PART 1  
KEY



BW8-PART 2  
PLAN



BW8-PART 2  
ELEVATION



BW8-PART 2  
KEY

REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

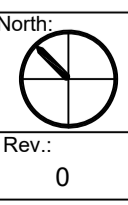
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PHASE III  
PACKAGE 2  
HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)  
SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

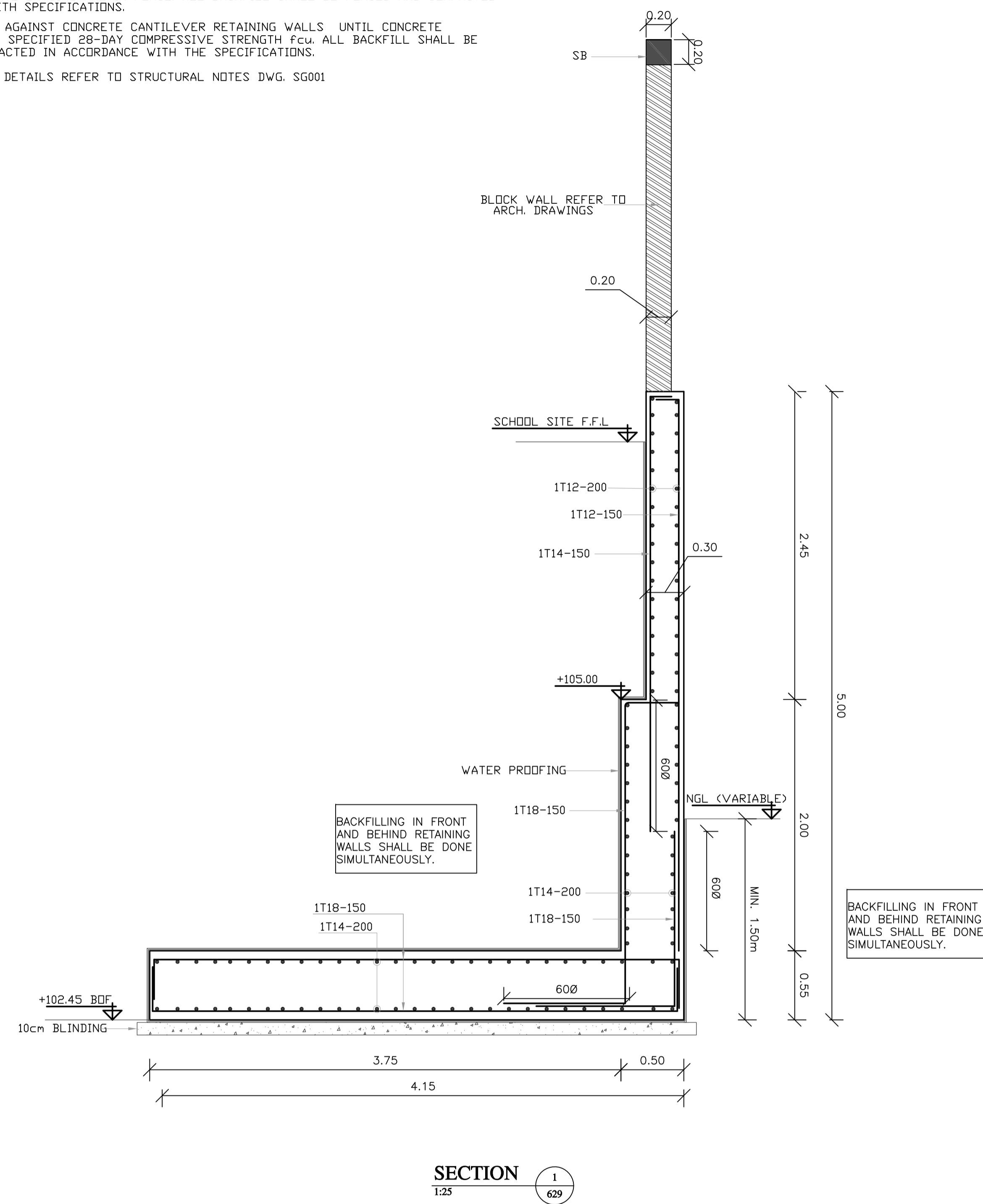
DRAWING NAME: BOUNDARY WALL 8 PLANS & ELEVATIONS  
Design: M.N.  
Scale: AS SHOWN  
Date: June 2019  
Drawing Number: 99

Drawn: CAD  
Checked: I.K.  
Approved: W.Z.  
Drawing Number: 003-AL-HAMRA  
SKEP 16-SD629  
Rev: 0

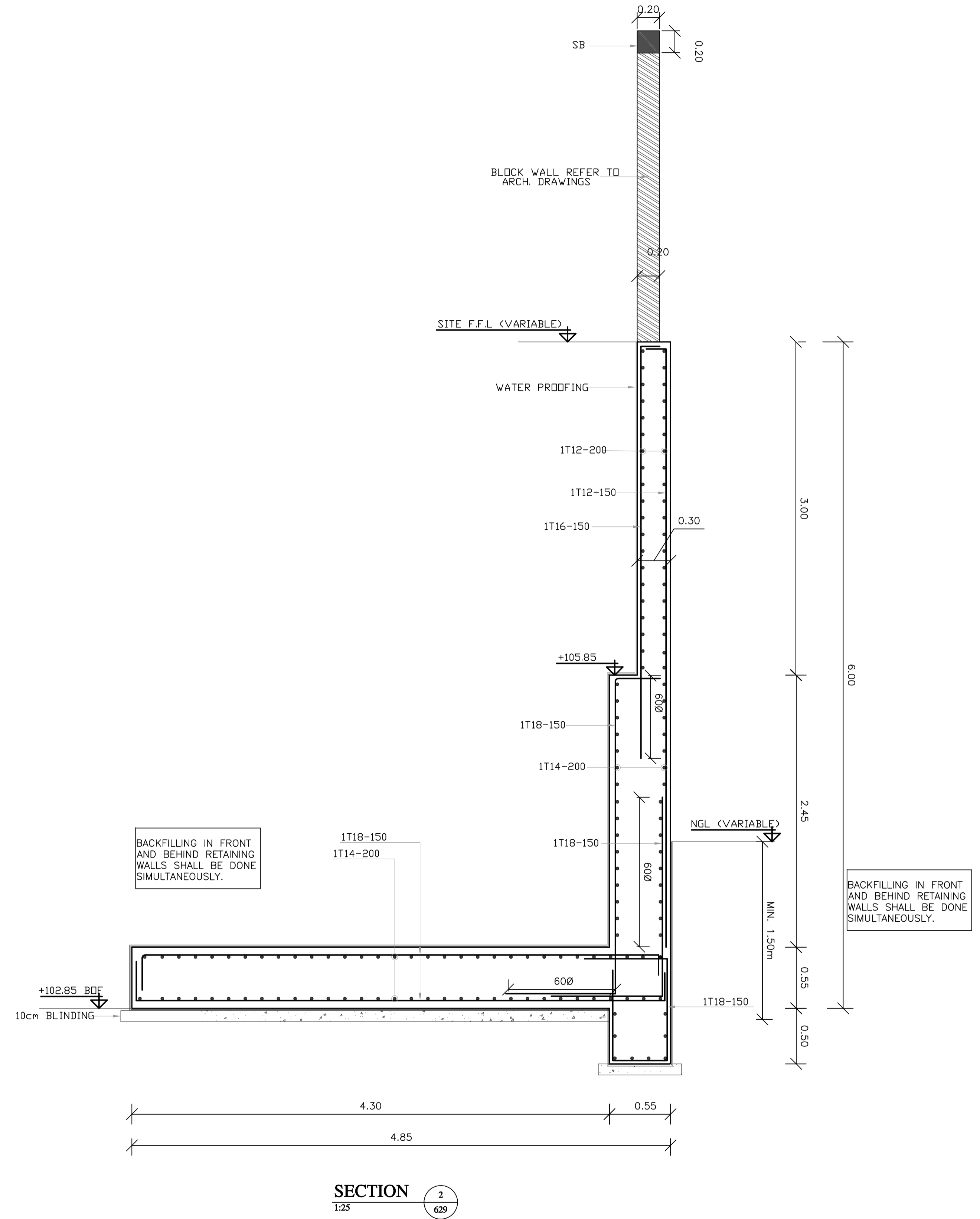


NOTES:

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SECTION 1  
1:25

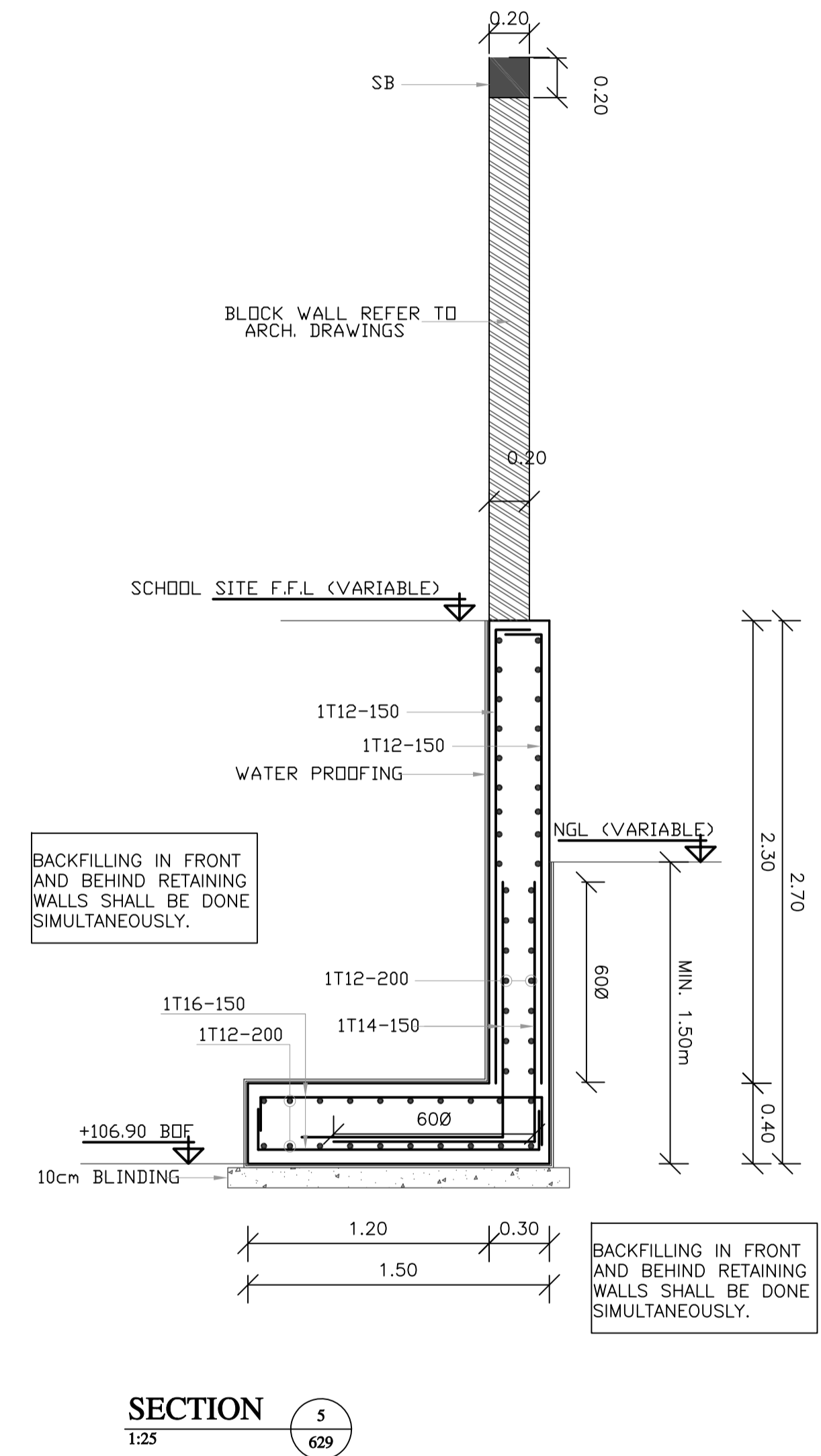
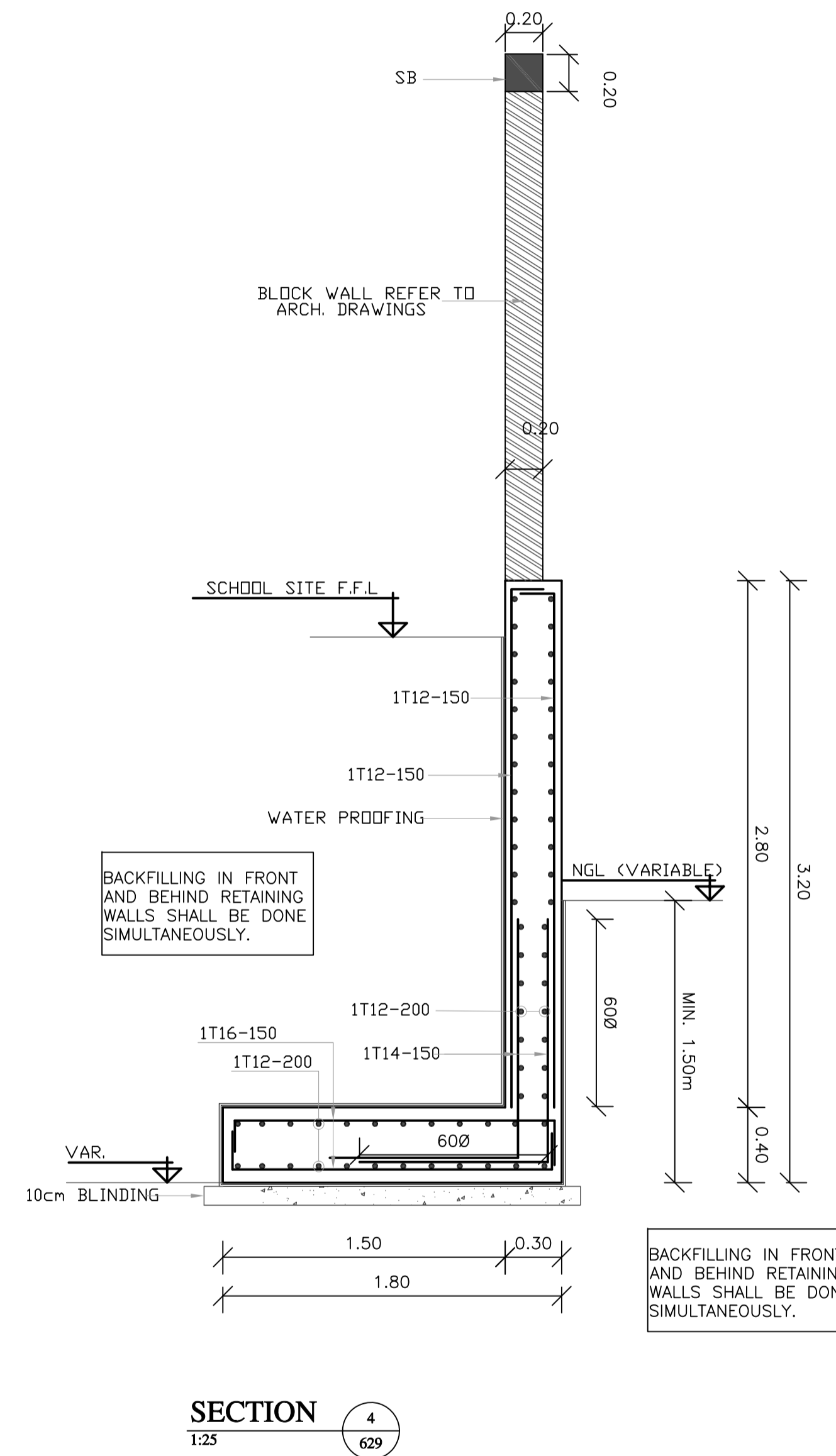
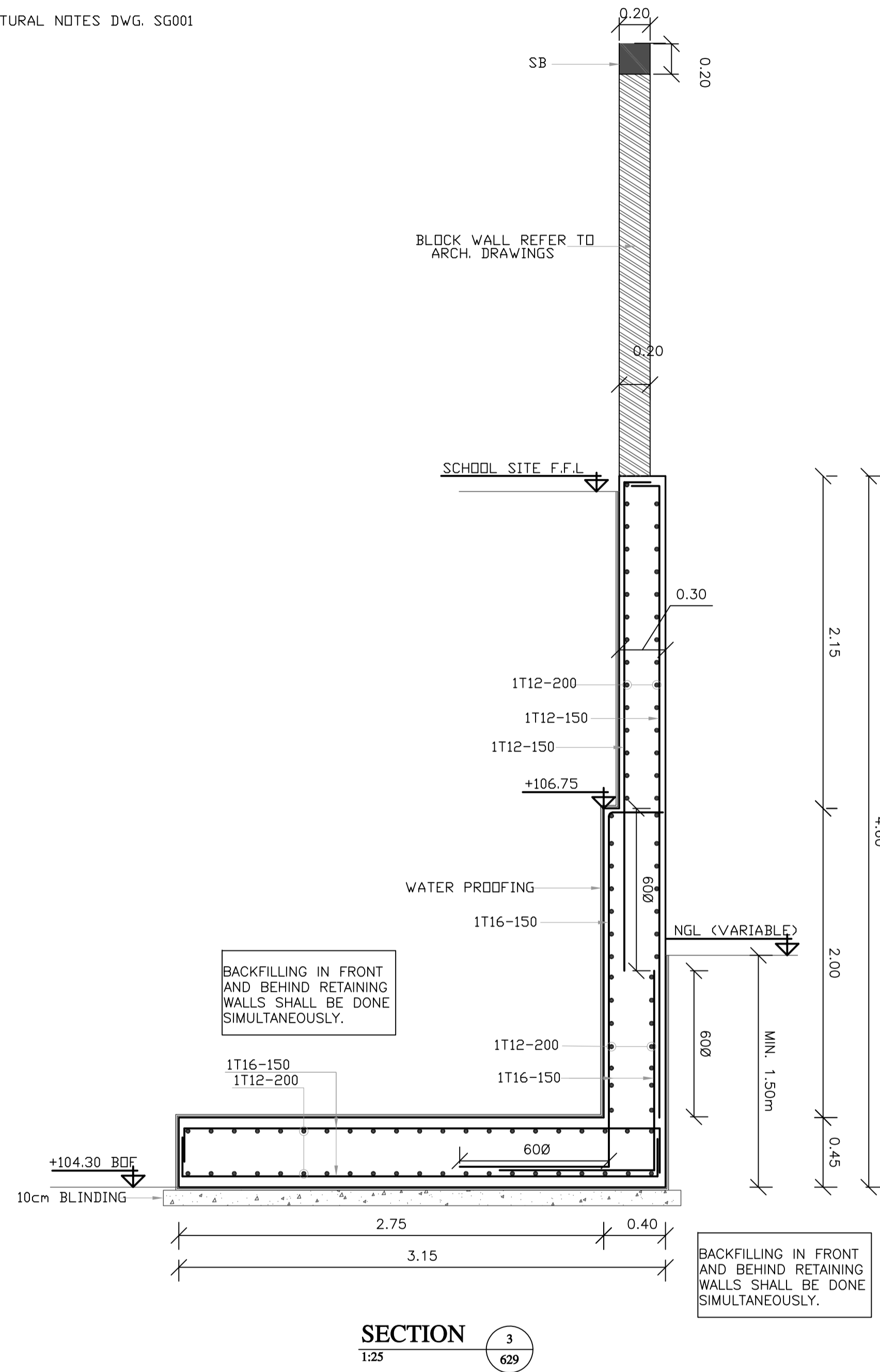


SECTION 2  
1:25

NOTES:			 <b>USAID</b> FROM THE AMERICAN PEOPLE	 وزارة التعليم المملكة الأردنية الهاشمية	 <b>engicon</b>	PHASE III	HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)	DRAWING NAME:	BOUNDARY WALL 8	Design:	M.N.	Drawn:	CAD	Checked:	I.K.	 North
REV.	DATE	REMARKS				PACKAGE 2	SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)	PLOT No:	99	LOCATION:	AL NABI HOOD	BASIN NO:	003-AL HAMRA	Scale:	1:25	
									DRAWING NUMBER:	SKEP 16-SD630			Rev.:	0		

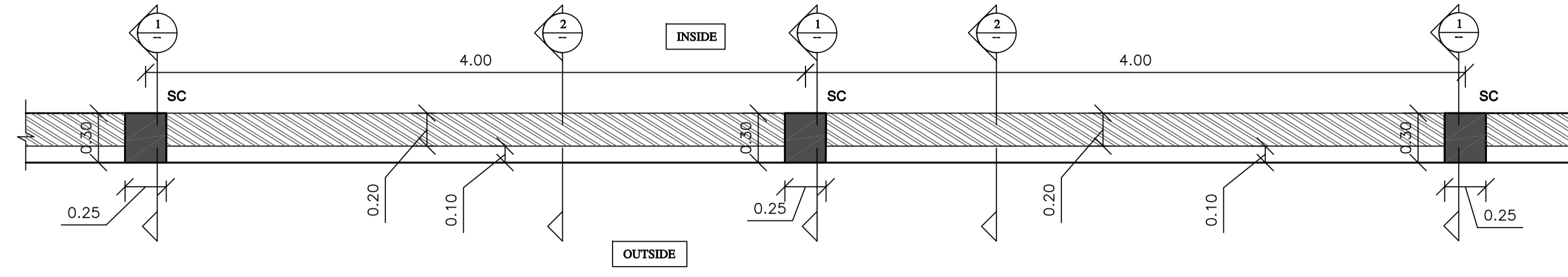
NOTES:

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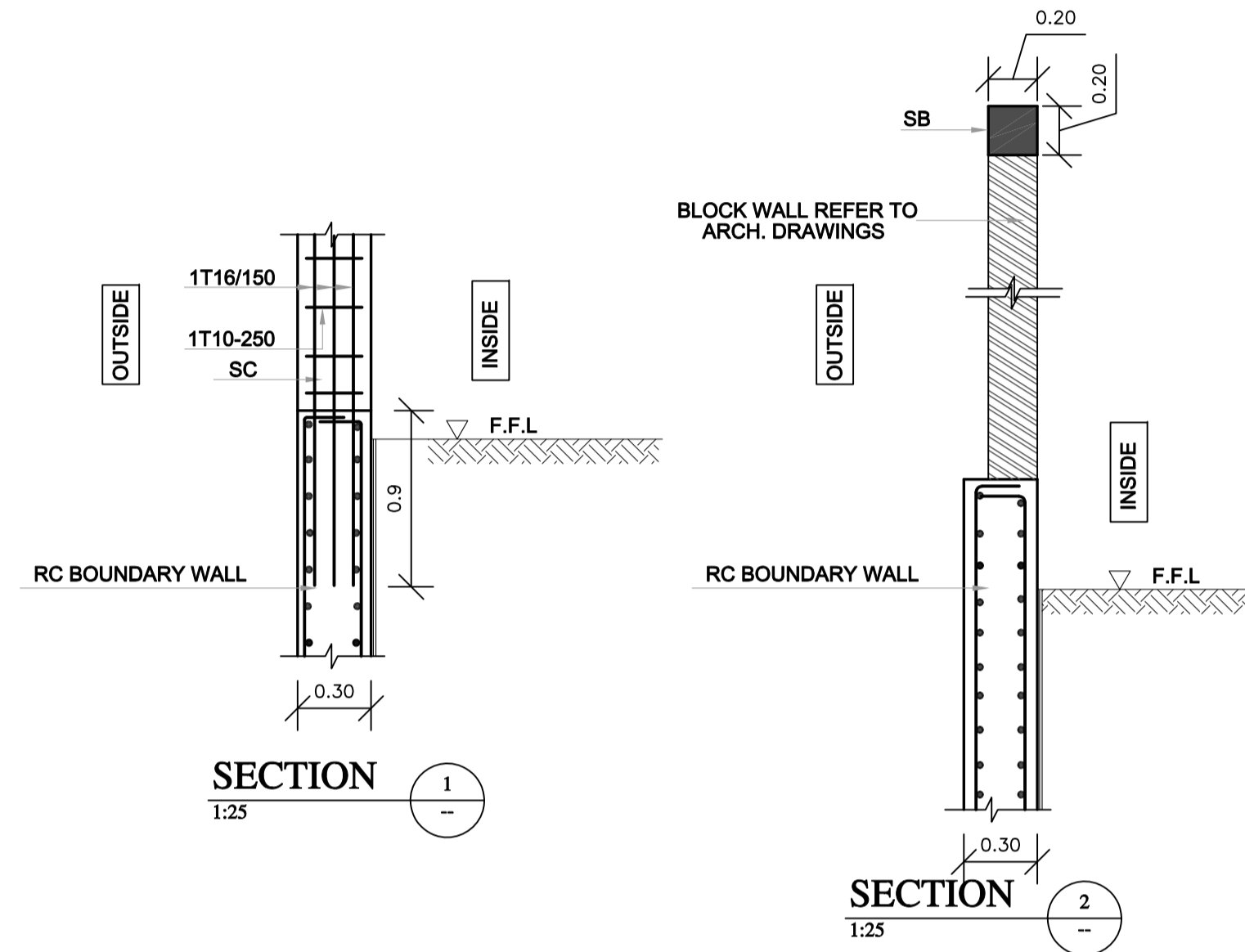


NOTES:									PHASE III PACKAGE 2	HAY AL ISKAN BASIC MIXED SCHOOL (JERASH) SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)	DRAWING NAME: BOUNDARY WALL 8 SECTIONS 2 OF 2	Design: M.N. Scale: 1:25	Drawn: CAD Date: June 2019	Checked: I.K. Approved: W.Z.	North 
0	June 2019	VOL. IV - TENDER DRAWINGS									PLOT No: 99 LOCATION: AL NABI HOOD BASIN NO: 003-AL HAMRA	DRAWING NUMBER: SKEP 16-SD631			
REV.	DATE	REMARKS										Rev: 0			





**TOP OF BOUNDARY WALL**  
1:25



**SECTION 1**  
1:25

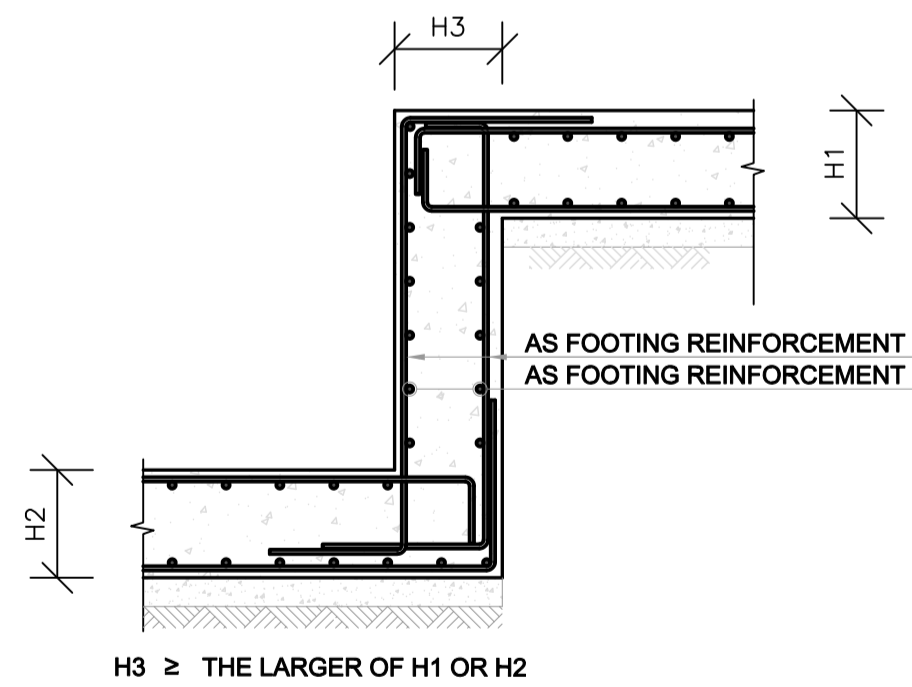
**SECTION 2**  
1:25

**STIFFENER COLUMN (SC) ABOVE R.C WALL  
BETWEEN BLOCK WALLS**

1:25

**STIFFENER BEAM (SB) ABOVE BLOCK WALL  
BETWEEN STIFFENER COLUMNS**

1:25



**STEPPED FOUNDATION TYPICAL DETAIL**

N.T.S

REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

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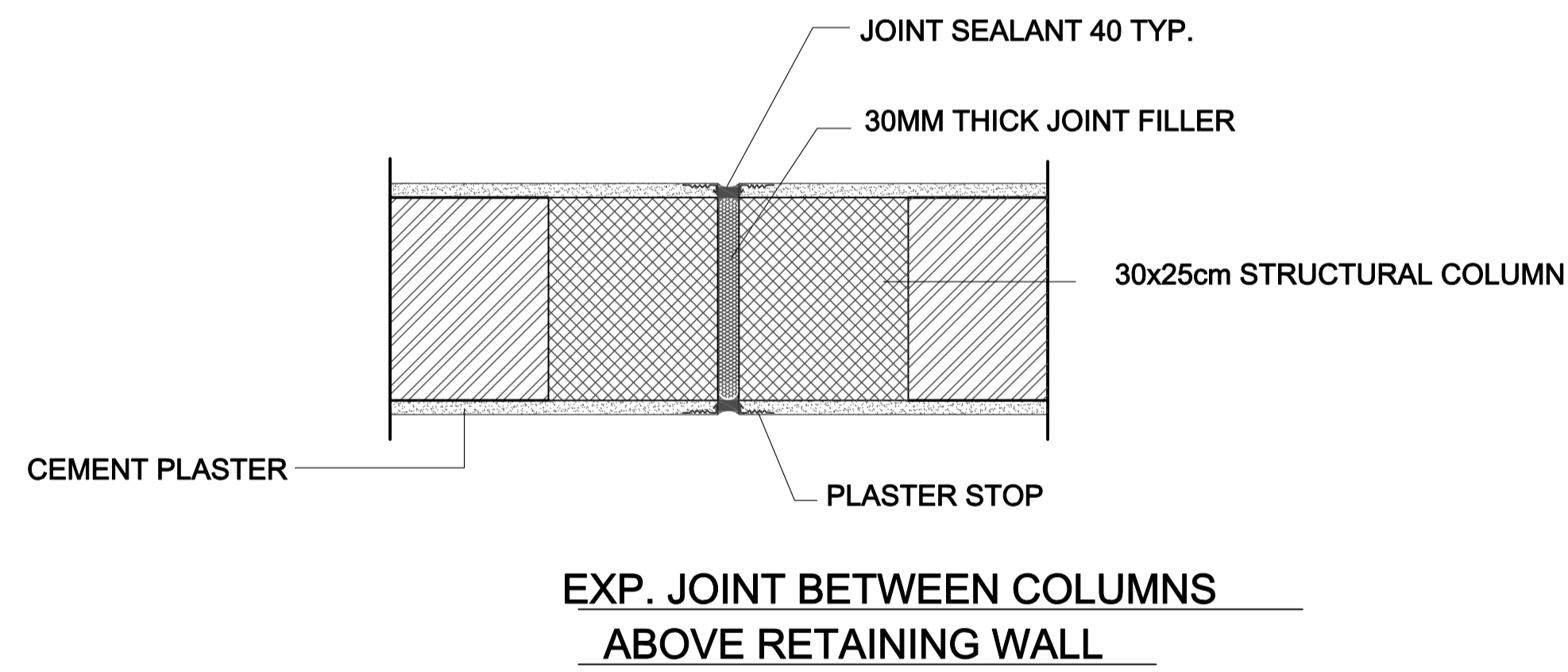
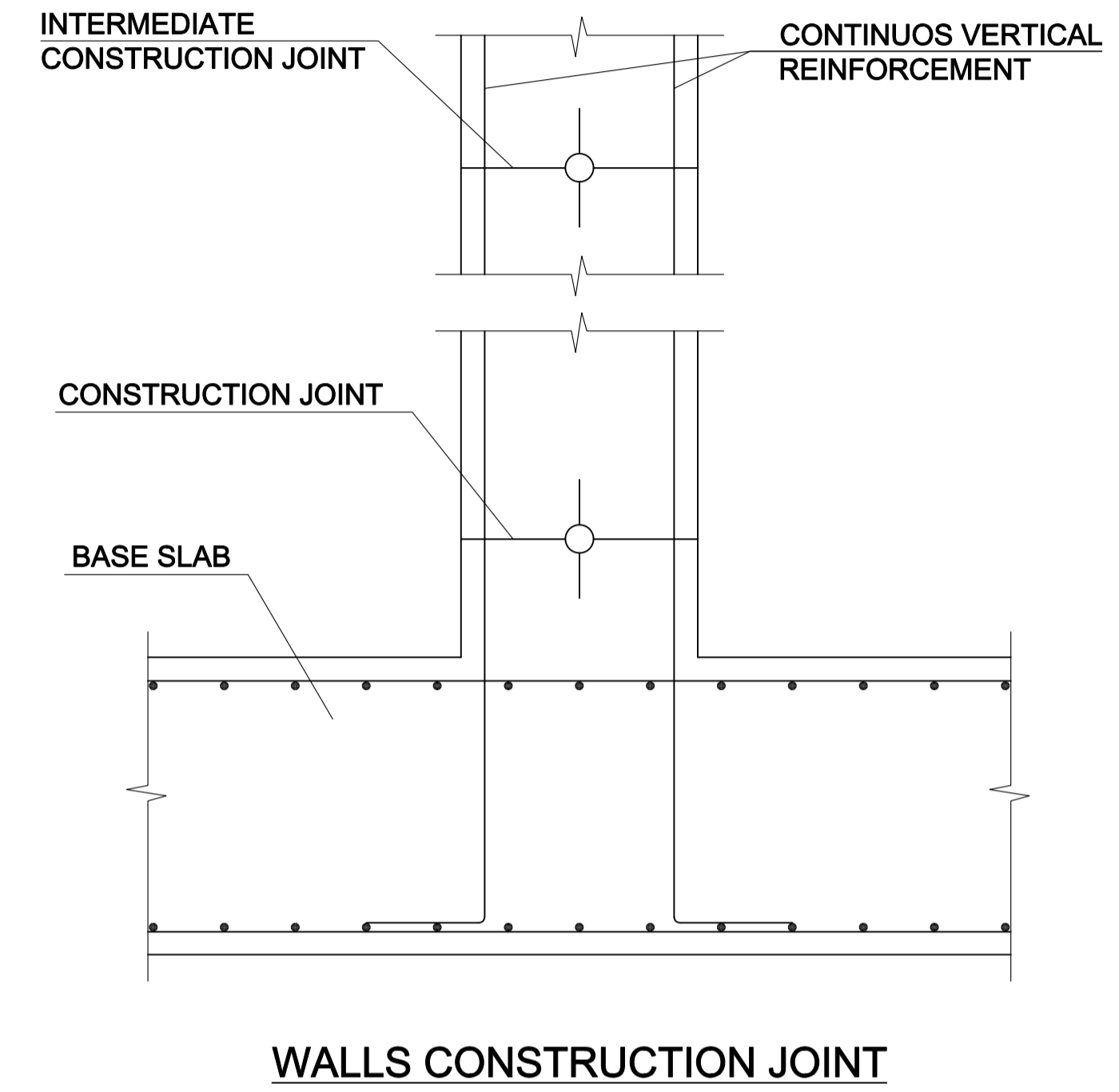
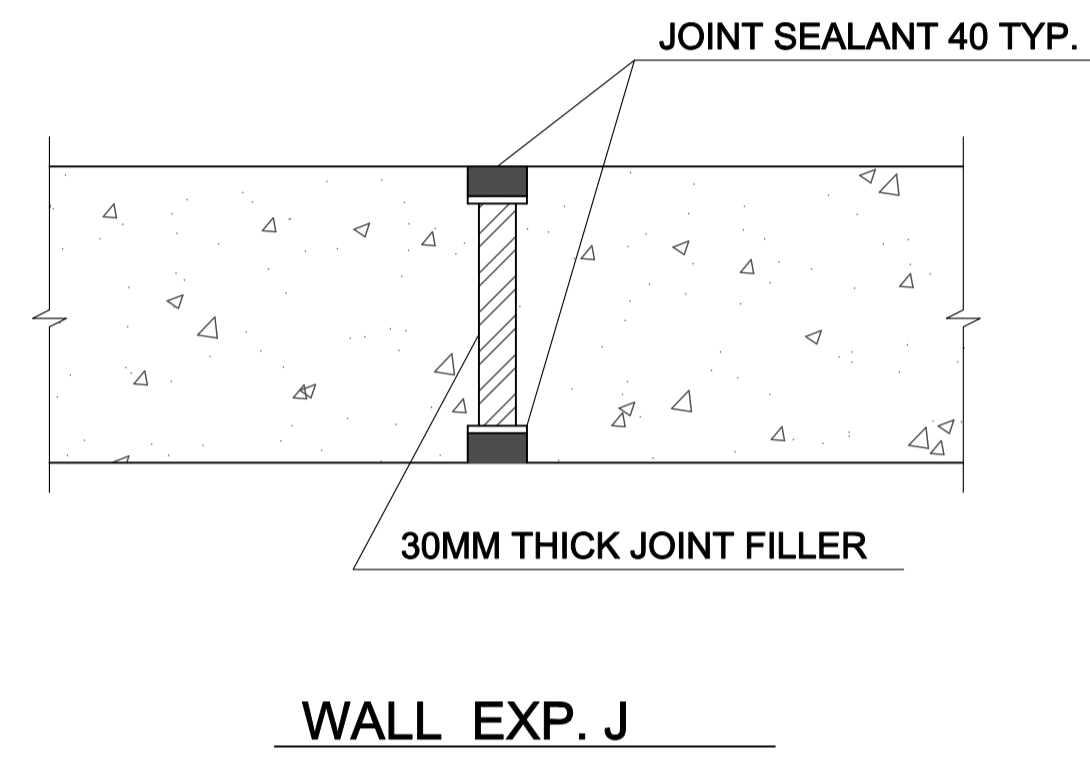
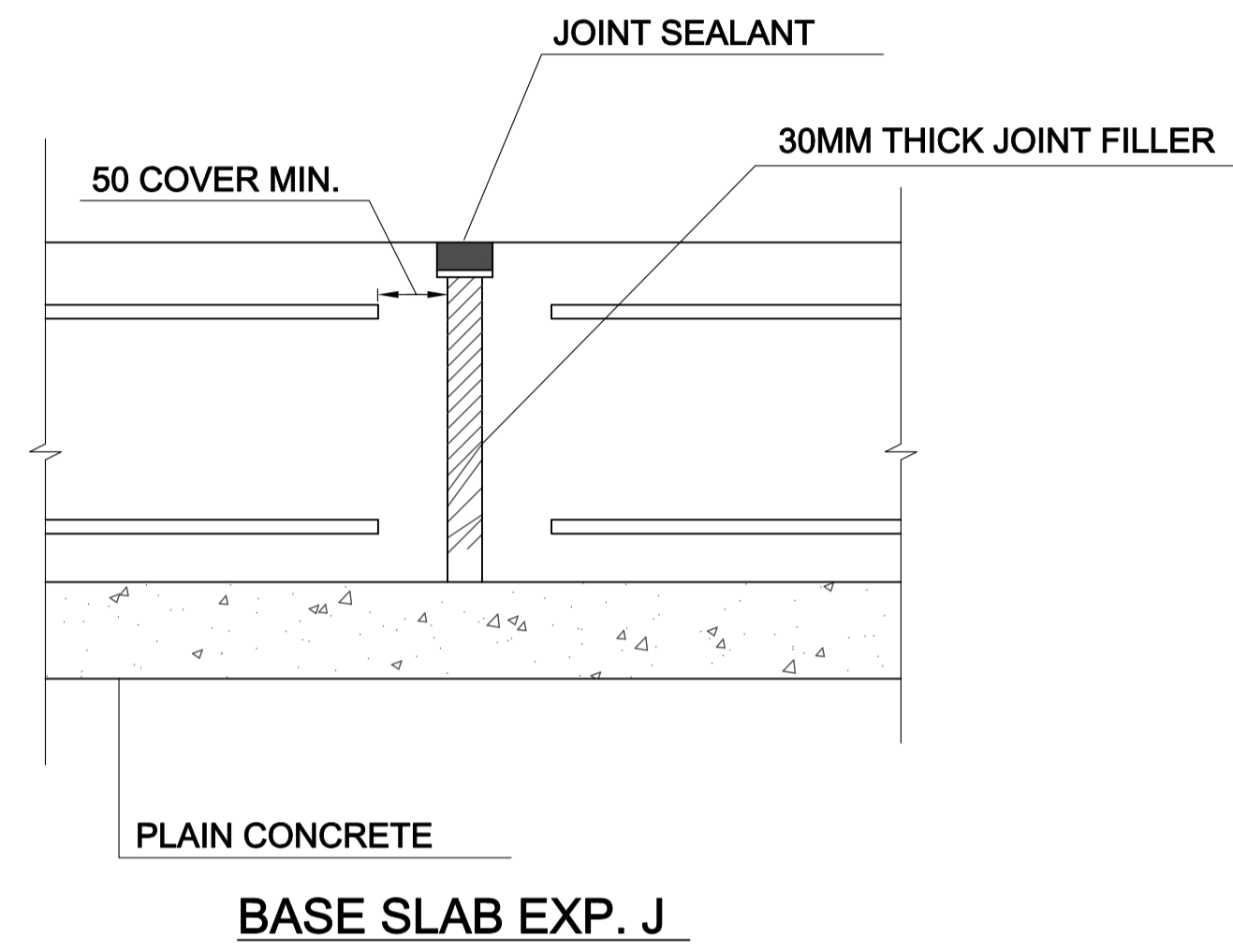


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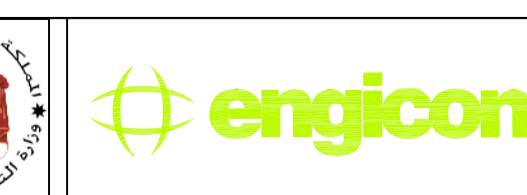
PHASE III	HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)
PACKAGE 2	SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME: BOUNDARY WALLS		Design: M.N.	Drawn: CAD	Checked:	North
GENERAL DETAILS SHEET 1 OF 3		Scale: 1:25	Date: June 2019	Approved: W.Z.	
PLOT No: 99	LOCATION: AL NABI HOOD	BASIN NO: 003-AL HAMRA	DRAWING NUMBER: SKEP 16-SD632		Rev: 0



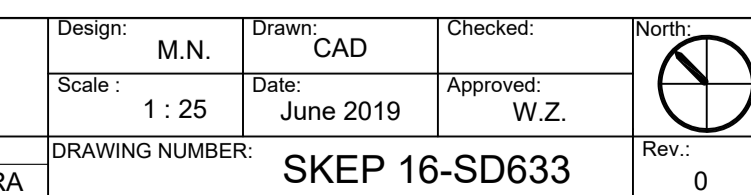
REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

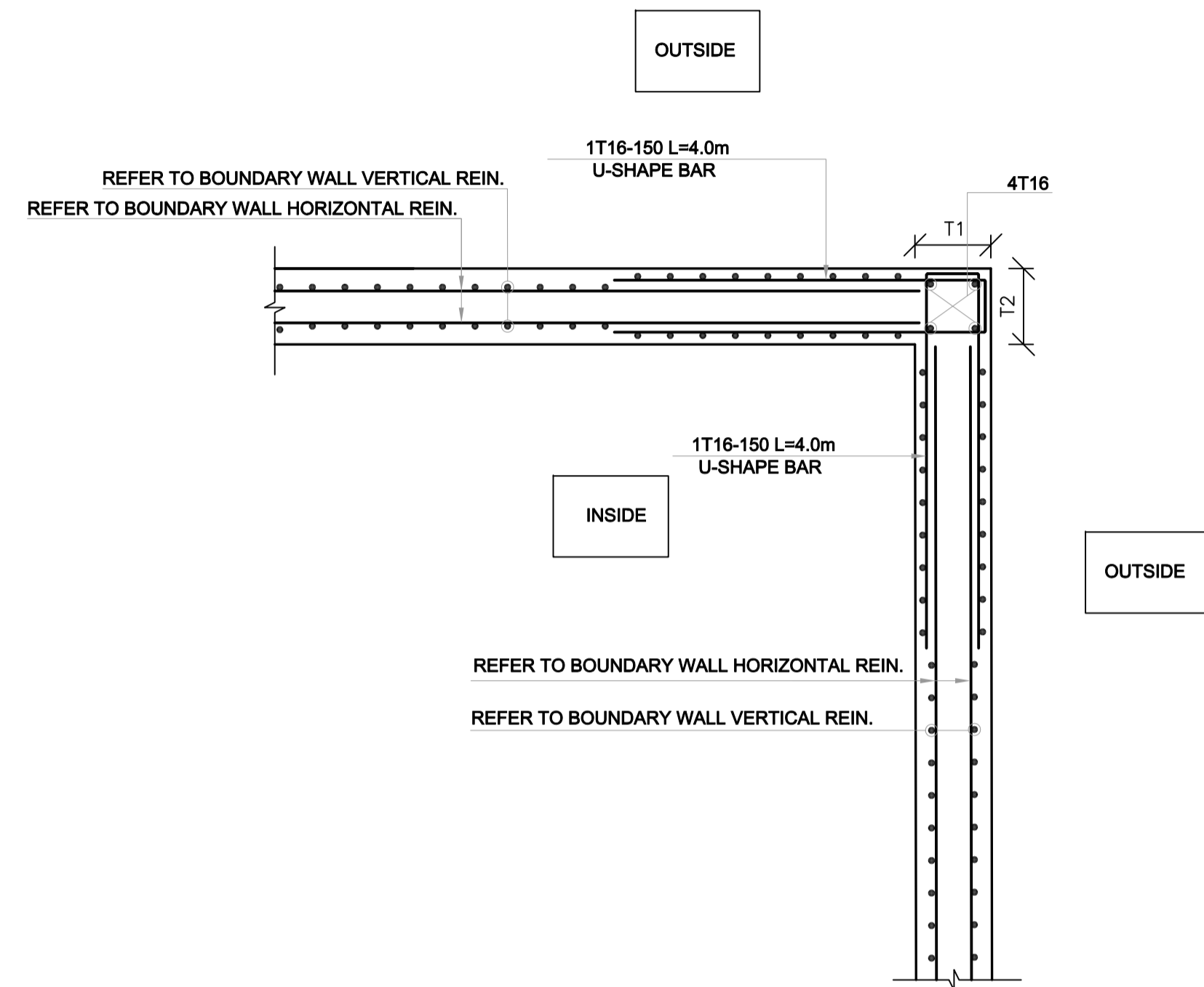
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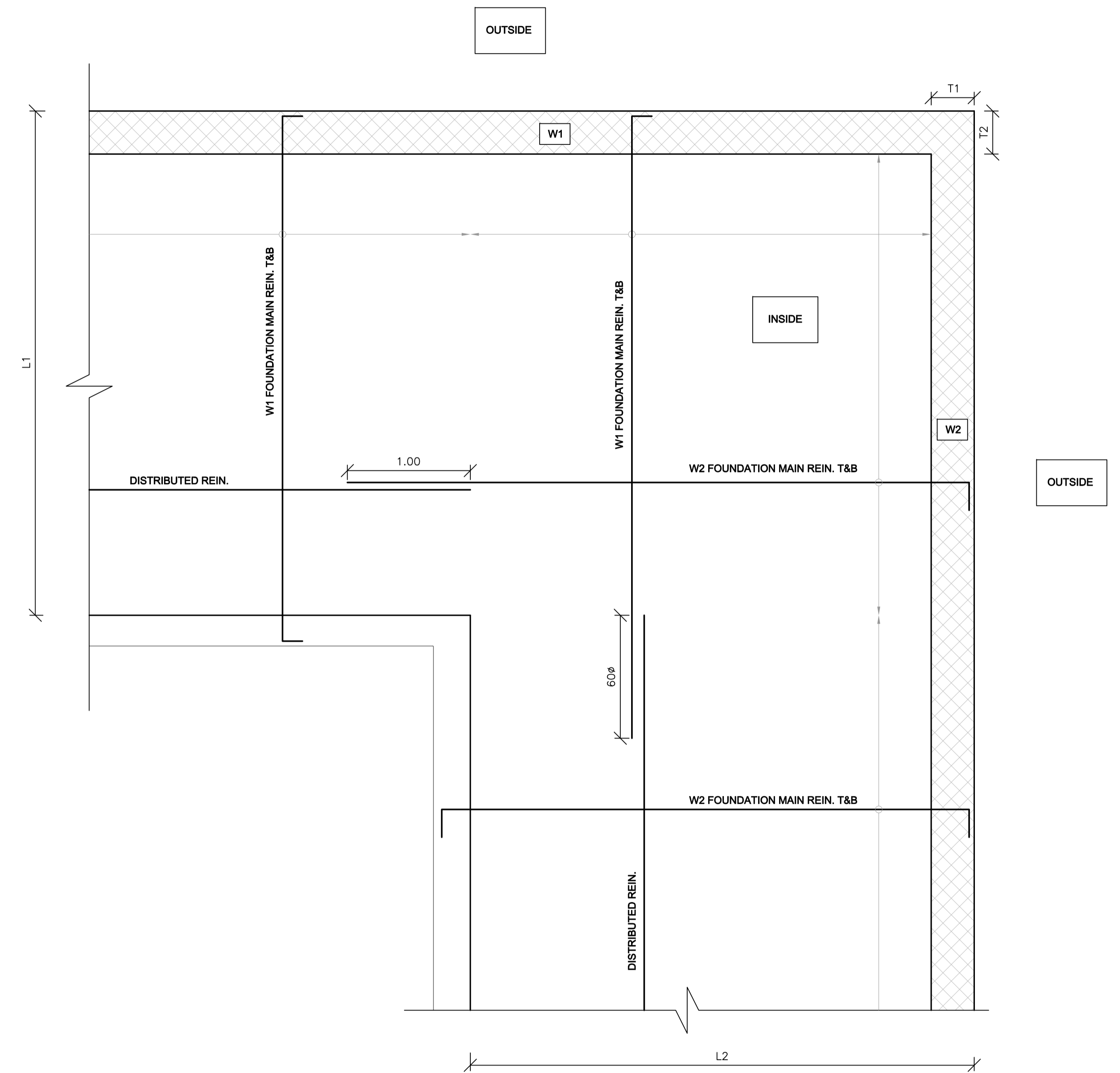
PHASE III	HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)
PACKAGE 2	SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME: BOUNDARY WALLS		Design: M.N.	Drawn: CAD	Checked:
GENERAL DETAILS SHEET 2 OF 3		Scale: 1:25	Date: June 2019	Approved: W.Z.
PLOT No: 99	LOCATION: AL NABI HOOD	BASIN NO: 003-AL HAMRA	DRAWING NUMBER: SKEP 16-SD633	Rev.: 0





**BOUNDARY WALL - WALLS CORNER DETAIL**  
1:25



**BOUNDARY WALL-FOUDATION CORNER DETAIL**  
1:25

REV.	DATE	REMARKS
0	June 2019	VOL. IV - TENDER DRAWINGS

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PHASE III	HAY AL ISKAN BASIC MIXED SCHOOL (JERASH)
PACKAGE 2	SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME: BOUNDARY WALLS		
GENERAL DETAILS SHEET 3 OF 3		
DESIGN: M.N.	DRAWN: CAD	CHECKED:
SCALE: 1:25	DATE: June 2019	APPROVED: W.Z.
PLOT No: 99	LOCATION: AL NABI HOOD	BASIN NO: 003-AL HAMRA

DRAWING NUMBER: SKEP 16-SD634	Rev.: 0
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