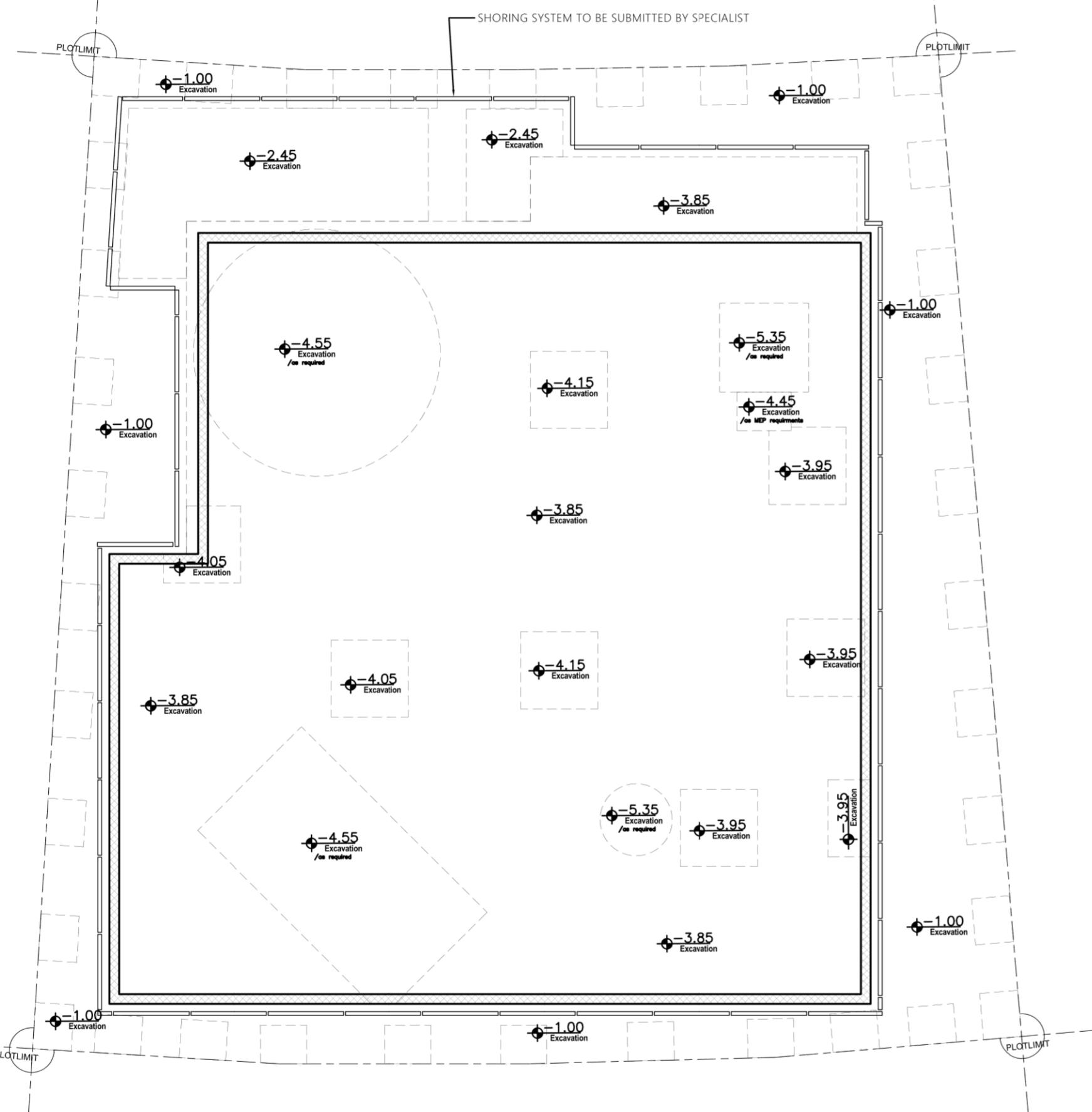


APPROVED



EXCAVATION & SHORING LAYOUT

SCALE : 1-100



NOTE:-

NOTE:-

CLIENT:
DISTRICT ONE-FZ

CONSULTANT:



PROJECT:
PROPOSED VILLA (B+G +1+R)

LOCATION: AL MERKADH PLOT NO. 470861

DRAWING TITLE: EXCAVATION & SHORING LAYOUT

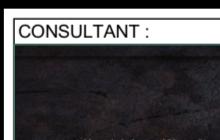
JOB NO. DATE: 06/11/2024 SHEET NO.

Sheet Size: A2 Scale:

CHECKED BY:	NAME	REG. NO.
Architecture	MARWA MOKBEL	
Structure	AHMED OMAR	
MEP		

NOTE:-

CLIENT:
DISTRICT ONE-FZ



PROJECT:
PROPOSED VILLA (B+G +1+R)

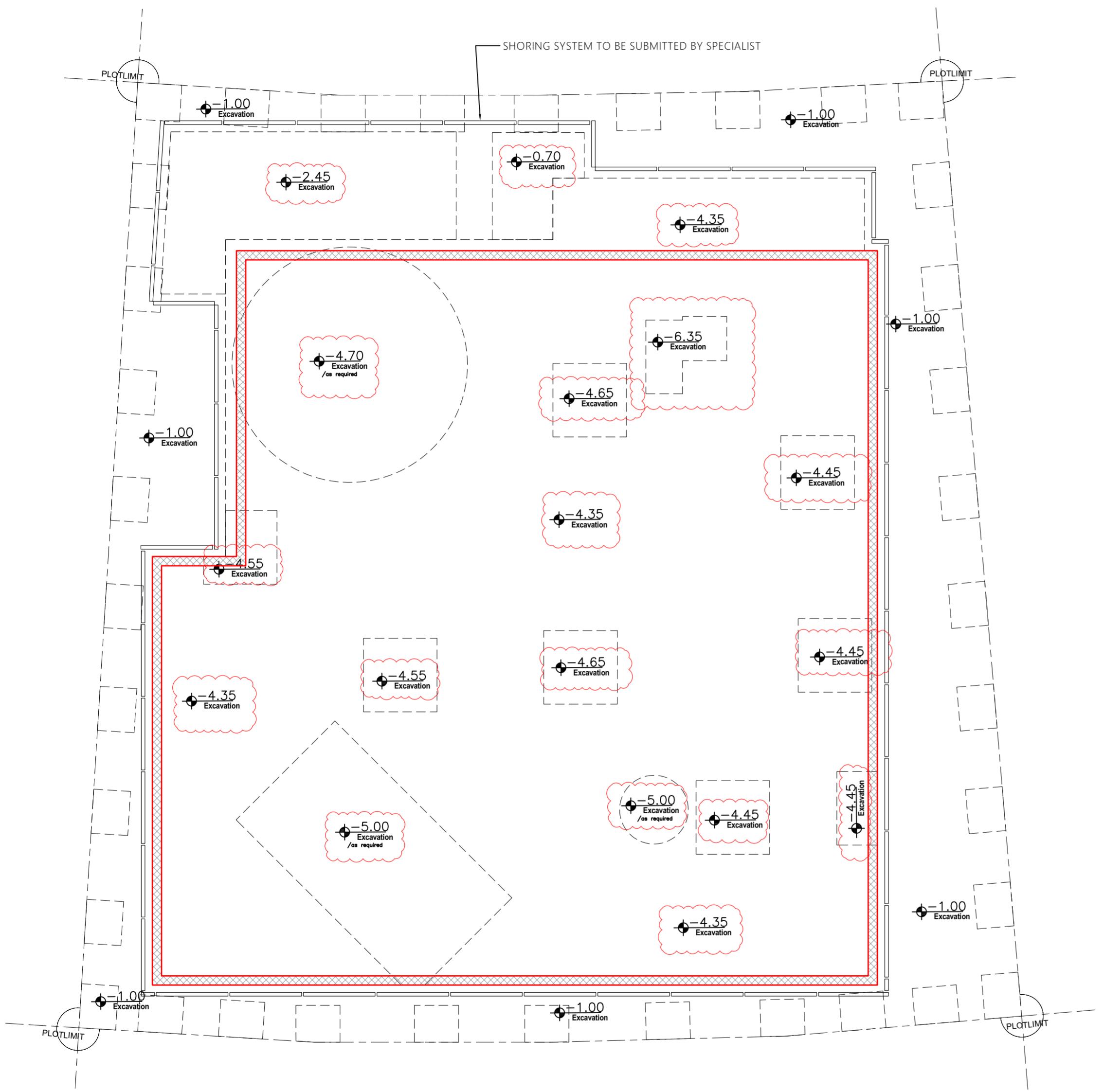
LOCATION: AL MERKADH PLOT NO. 470861

DRAWING TITLE: EXCAVATION & SHORING LAYOUT

JOB NO. DATE: 06/11/2024 SHEET NO.

Sheet Size: A2 Scale:

CHECKED BY:	NAME	REG. NO.
Architecture	MARWA MOKBEL	
Structure	AHMED OMAR	
MEP		



EXCAVATION & SHORING LAYOUT

SCALE : 1-100

NOTE:-
REVISION:
- INCREASE EXCAVATION DEPTH 50 CM.
- MODIFY SUM BIT & LIFT & CAR LIFT AND CAR ROTATING PLATFORM DEPTH AS PER SPECIALISTS REQUIREMENTS.

CLIENT:
DISTRICT ONE-FZ

CONSULTANT:

كروكي لينز للاستشارات الهندسية
CROQUEE LINE CONSULTANT
TEL: +971 30991025 PHONE: 04 3797945
WWW.CROQUEELINE.AE

PROJECT:
PROPOSED VILLA (B+G +1+R)

LOCATION: AL MERKADH PLOT NO. 470861

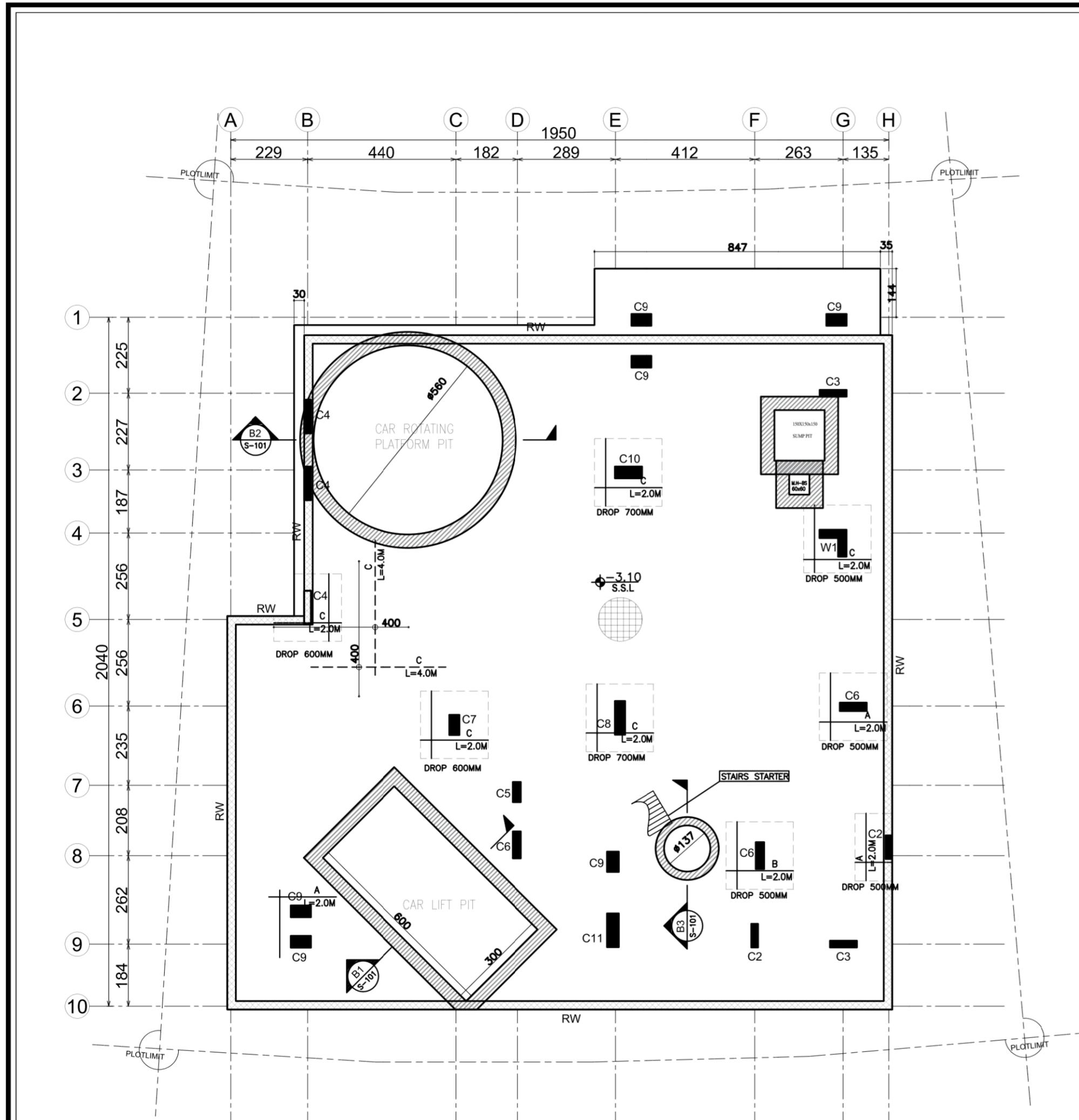
DRAWING TITLE:
EXCAVATION & SHORING LAYOUT

JOB NO.	DATE:	SHEET NO.
	06/11/2024	

Sheet Size:	Scale:
A2	

CHECKED BY:	NAME	REG. NO.
Architecture	MARWA MOKBEL	
Structure	AHMED OMAR	
MEP		

APPROVED



$f_{cu} = 40 \text{ N/SQ.MM}$
 $f_y = 460 \text{ N/SQ.MM}$

NOTE:

- RAFT THICK 400mm (UNO).
- AND MESH T16-150 T&B (UNO).

SSL -3.10m

REPORT REF.: TFL/G-2308/24 DATED: 28th SEP 2024

- FOUNDATIONS SET ON THE TOP OF 0.20M THICK OF ROAD BASE MATERIAL.
- PRIOR TO CONSTRUCTING THE FOUNDATIONS, THE SOIL AT FORMATION LEVEL SHOULD BE THOROUGHLY COMPAKTED IN ACCORDANCE WITH GOOD CONSTRUCTION PRACTICE TO NOT LESS THAN(95% FOR SAND OR 98% FOR ROAD BASE) OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE PROCTOR TEST.
- THE COMPACTED SURFACE SHOULD THEN BE PROTECTED BY IMMEDIATELY COVERING WITH A LAYER OF CONCRETE BLINDING.
- GROUND WATER DEPTH 3.10M BELOW EXISTING GROUND SURFACE AT THE TIME OF SOIL INVESTIGATION.
- PRIOR TO COMMENCING EXCAVATION OPERATIONS FOR THE FOUNDATIONS IT IS STRONGLY RECOMMENDED THAT A SMALL PIT SHOULD BE DUG SUCH THAT THE WATER LEVEL MAY BE MORE ACCURATELY DETERMINED.
- IN ORDER TO PREVENT LOOSENING OF THE SOILS THE BASE OF THE EXCAVATION FOR THE FOUNDATIONS SHOULD BE NOT LESS THAN 0.5M ABOVE THE WATER TABLE ENCOUNTERED AT HIGHER LEVEL THAN RECORDED AT THE TIME OF INVESTIGATION; OTHERWISE DEWATERING WOULD BE REQUIRED.
- MEMBRANE WATER PROOFING SHOULD BE USED FOR FOUNDATIONS 2 LAYERS 4MM.

REBAR LEGEND:

ADD'L TOP REINF. -----
ADD'L BOTTOM REINF. ———

SCHEDULE OF ADDITIONAL REINFORCEMENT

TYPE	REINFORCEMENT
A	T 12@200 C/C
B	T 16@200 C/C
C	T 16@100 C/C

REINFORCEMENT NOTE:

- ADDITIONAL TOP REINF. IS CONCENTRIC WITH COLUMNS CENTER (U.N.O.)
- ADDITIONAL BOTTOM REINF. SHOULD BE LOCATED AT THE MID POINT BETWEEN COLUMN CENTERS.
- REINFORCEMENT TO BE CUT WHERE NECESSARY.
- THE INDICATED REINF. LENGTH IS THE PROJECTED LENGTH ON THE PLAN REINFORCEMENT TO BE CUT & SPLICES PROPERLY TO ACHIEVE THE PROJECTED LENGTHS.

блدية دبي
Dubai Municipality

المخططات المعتمدة	13/01/25
ادارة ترخيص المباني	3470861
	رقم المأذون
	439837-1-3
	فترة الصلاحية

NOTE:-

CLIENT:
DISTRICT ONE-FZ



PROJECT:
PROPOSED VILLA (B+G +1+R)

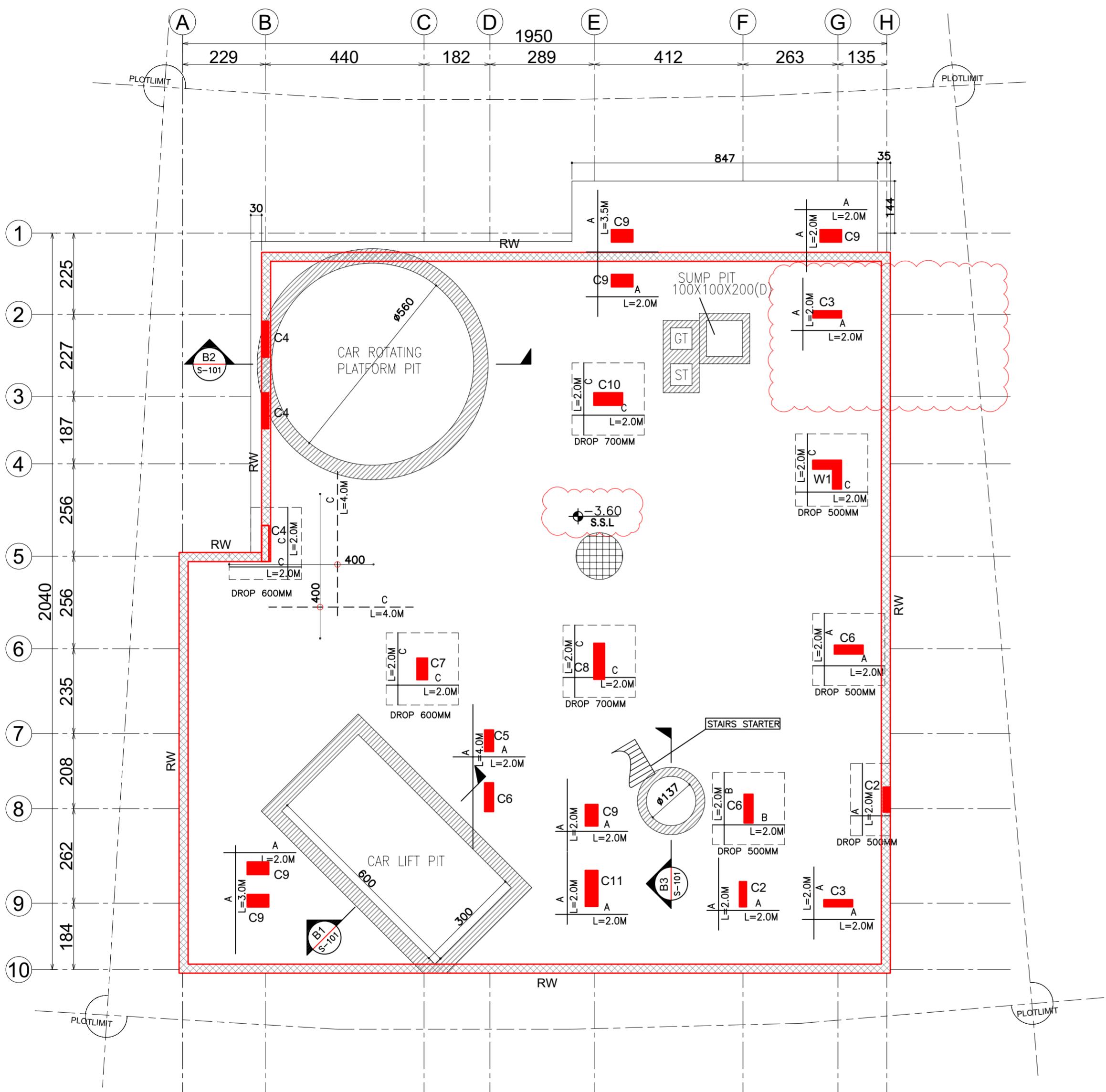
LOCATION: AL MERKADH PLOT NO. 470861

DRAWING TITLE: VILLA FOUNDATION LAYOUT

JOB NO.	DATE:	SHEET NO.
Sheet Size:	Scale:	

CHECKED BY:	NAME	REG. NO.
Architecture	MARWA MOKBEL	
Structure	AHMED OMAR	
MEP		
CHECKED BY:	NAME	REG. NO.
Architecture	MARWA MOKBEL	
Structure	AHMED OMAR	
MEP		

$f_{cu} = 40 \text{ N/SQ.MM}$
 $f_y = 460 \text{ N/SQ.MM}$



NOTE:

- RAFT THICK 400mm (UNO).
- AND MESH T16-150 T&B (UNO).

SSL -3.10m

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NOTE:

REVISION:

- INCREASE EXCAVATION DEPTH 50 CM.
- MODIFY SUM BIT & LIFT & CAR LIFT AND CAR ROTATING PLATFORM DEPTH AS PER SPECIALISTS REQUIREMENTS.

CLIENT:

DISTRICT ONE-FZ

CONSULTANT:



PROJECT:

PROPOSED VILLA (B+G +1+R)

LOCATION:
 AL MERKADH

PLOT NO.
 470861

DRAWING TITLE:
 VILLA FOUNDATION LAYOUT

JOB NO. DATE:
 06/11/2024

Sheet Size: Scale:

A2

CHECKED BY: NAME REG. NO.

Architecture MARWA MOKBEL

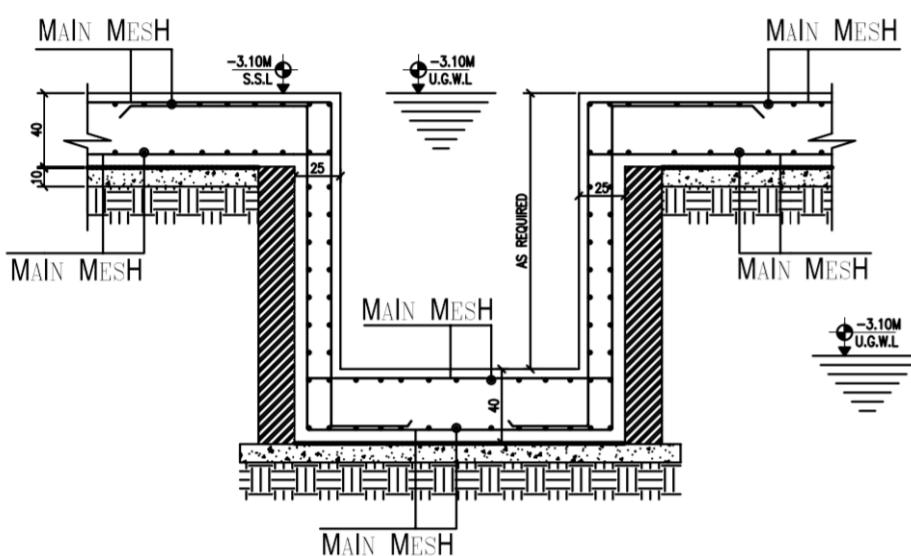
Structure AHMED OMAR

MEP

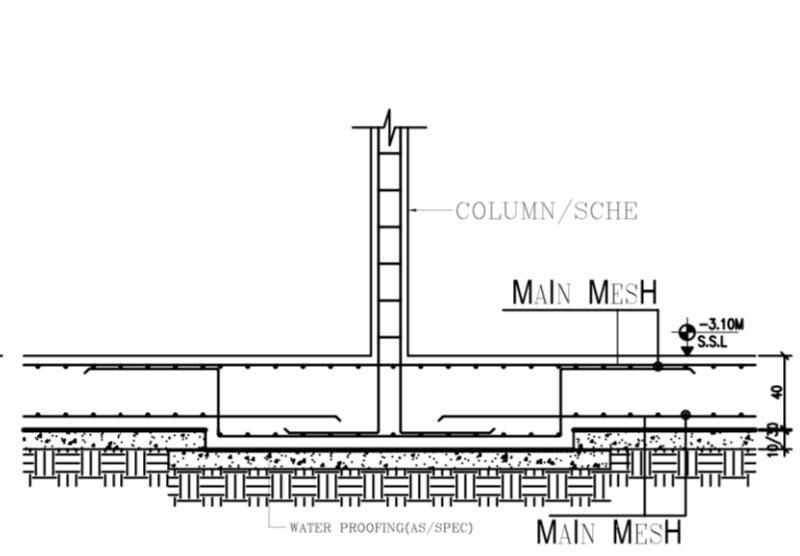


$f_{cu} = 40 \text{ N/SQ.MM}$
 $f_y = 460 \text{ N/SQ.MM}$

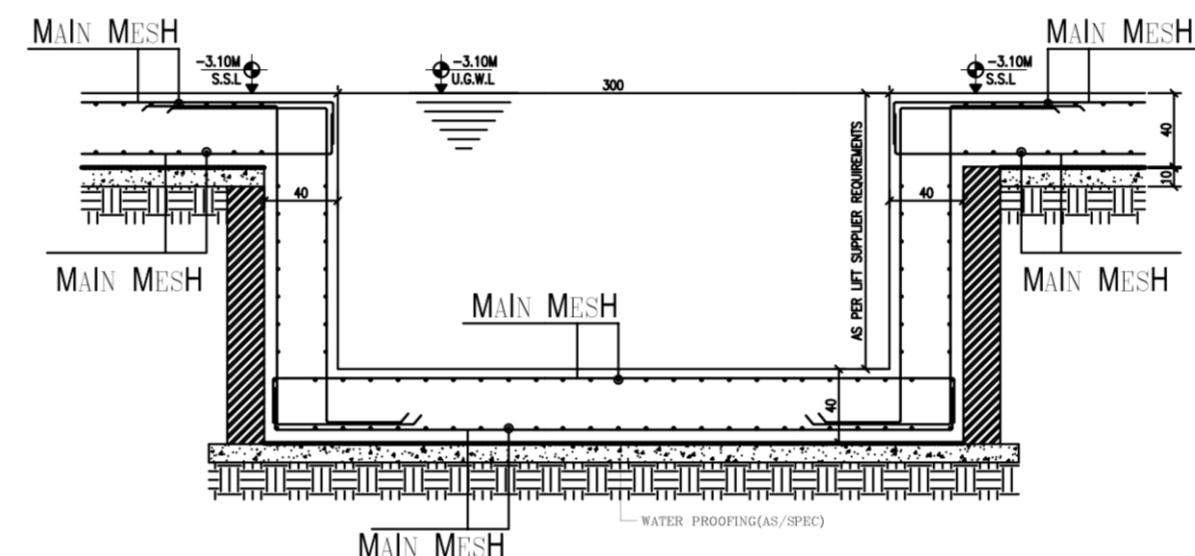
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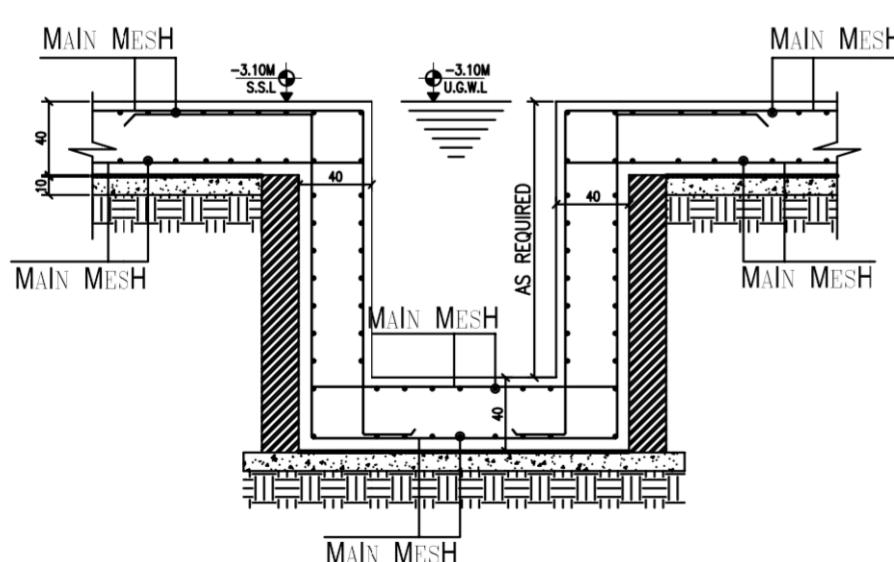
S-10 SECTION - B3 - LIFT PIT



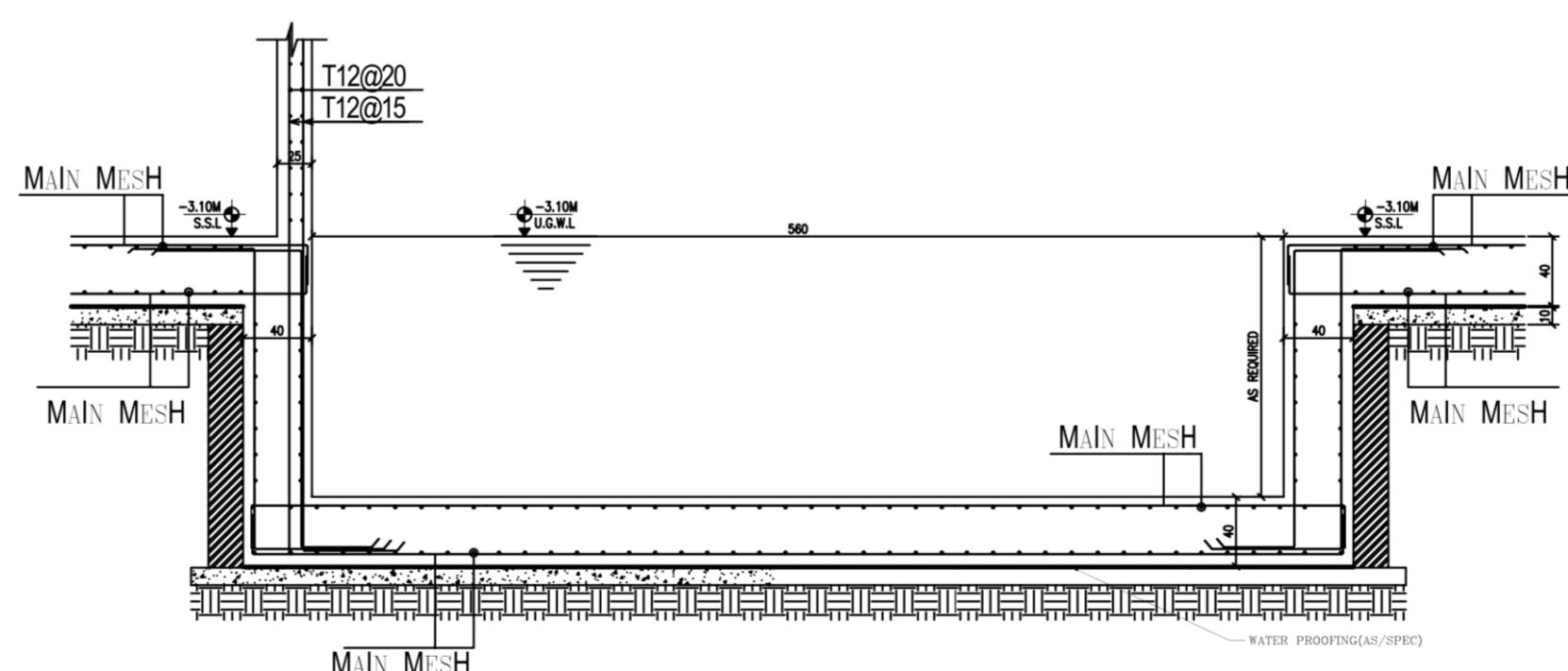
TYPICAL DETAILS FOR DROP



S-10 SECTION - B1 - CAR LIFT PIT



SUMP PIT TYPICAL DETAILS



S-10 SECTION - B2 - CAR ROTATING PLATFORM PIT

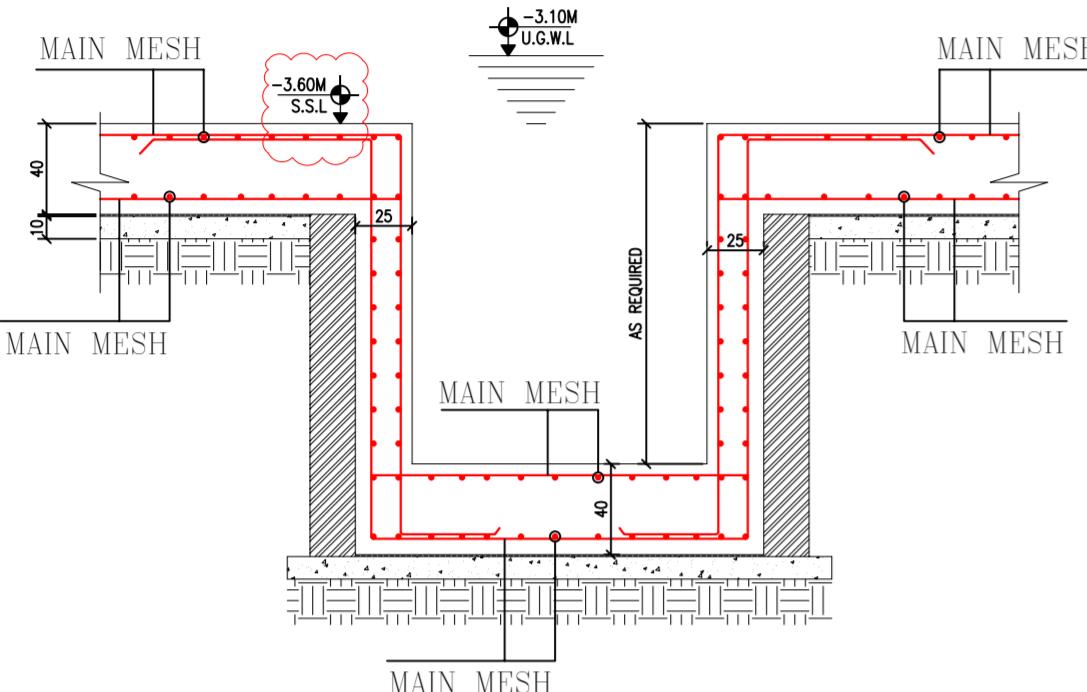
VILLA FOUNDATION SECTIONS

SCALE : 1-100

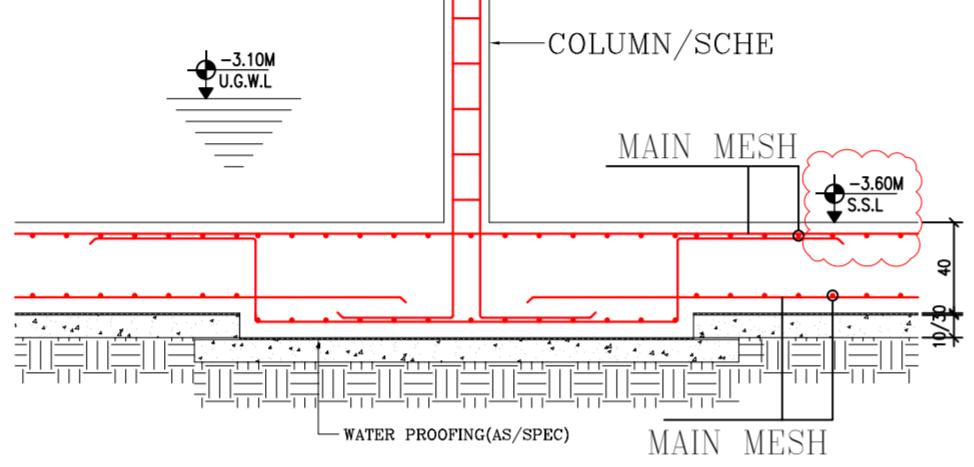
NOTE:-		
NOTE:-		
CLIENT: DISTRICT ONE-FZ		
CLIENT: DISTRICT ONE-FZ		
CONSULTANT: 		
PROJECT: PROPOSED VILLA (B+G +1+R)		
LOCATION: AL MERKADH	PLOT NO. 470861	
DRAWING TITLE: VILLA FOUNDATION SECTIONS		
JOB NO.	DATE: 06/11/2024	SHEET NO.
Sheet Size: A2	Scale:	
CHECKED BY: NAME REG. NO.		
Architecture	MARWA MOKBEL	
Structure	AHMED OMAR	
MEP		
CHECKED BY: NAME REG. NO.		
Architecture	MARWA MOKBEL	
Structure	AHMED OMAR	
MEP		

PROJECT: PROPOSED VILLA (B+G +1+R)		
LOCATION: AL MERKADH	PLOT NO. 470861	
DRAWING TITLE:		
JOB NO.	DATE: 06/11/2024	SHEET NO.
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CHECKED BY: NAME REG. NO.		
Architecture	MARWA MOKBEL	
Structure	AHMED OMAR	
MEP		

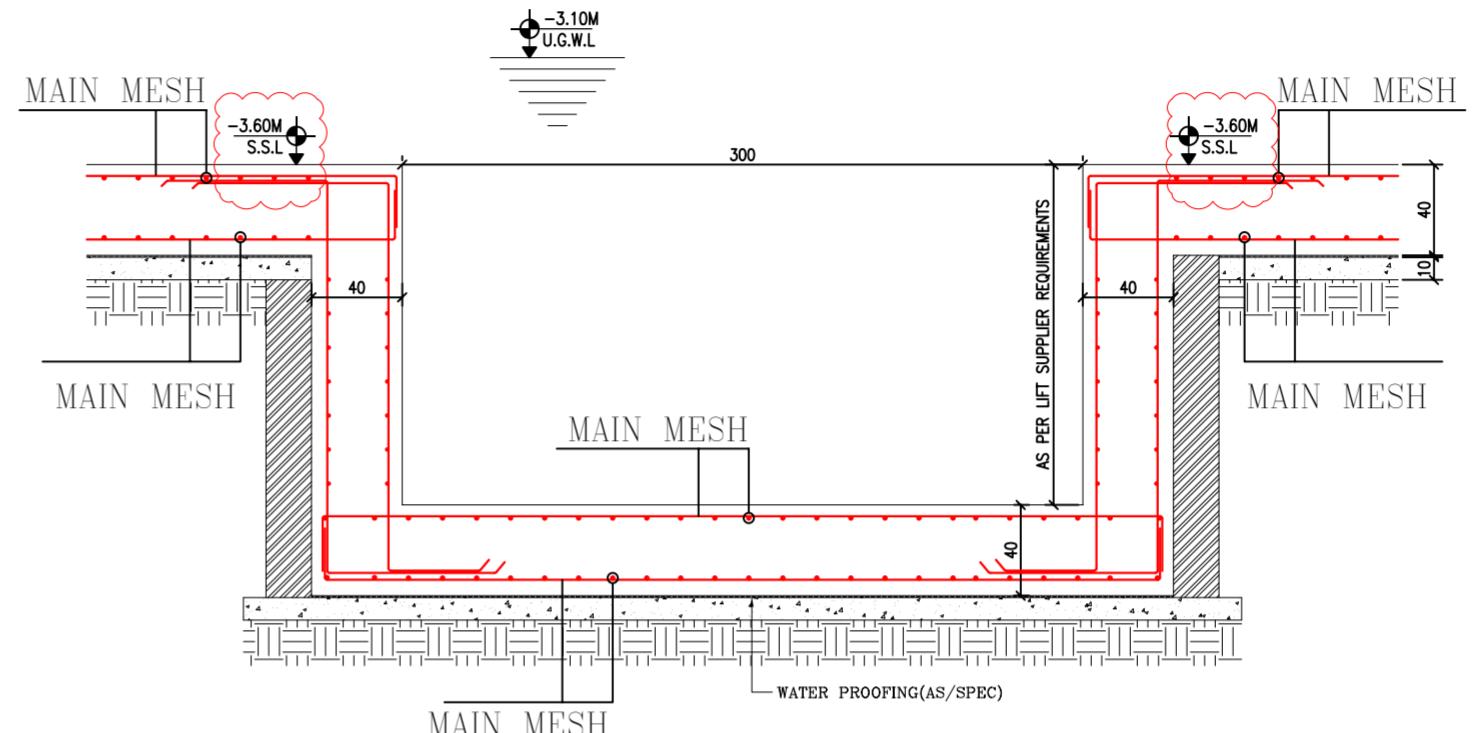
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 $f_y = 460 \text{ N/SQ.MM}$



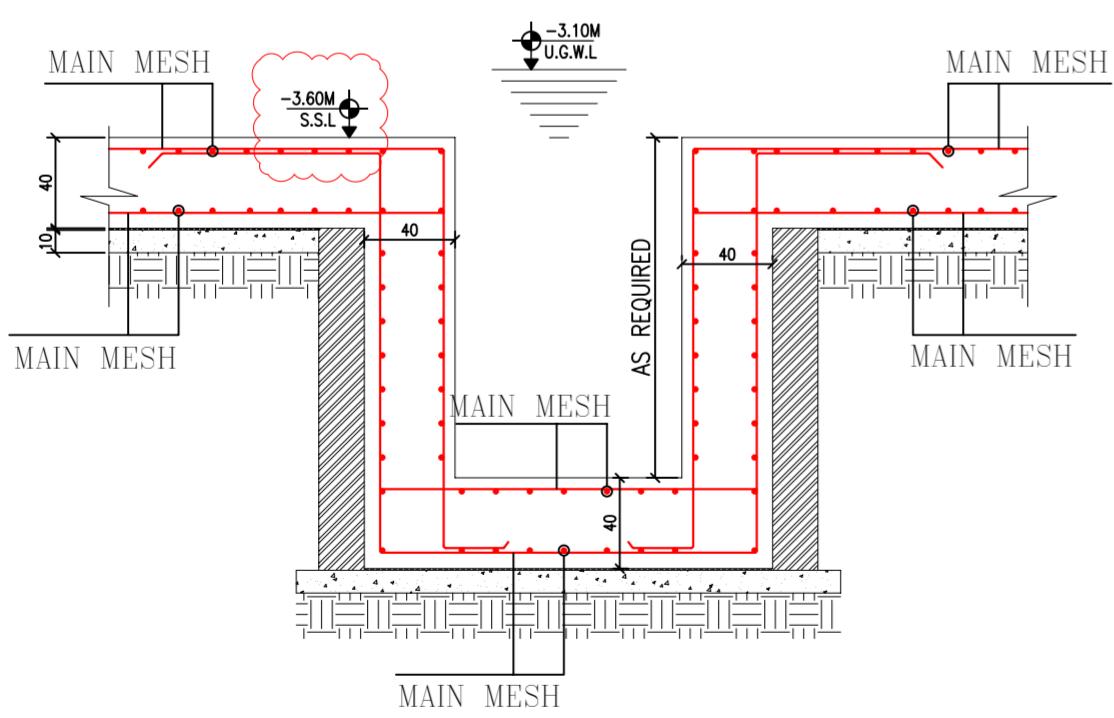
S-10 SECTION - B3- LIFT PIT



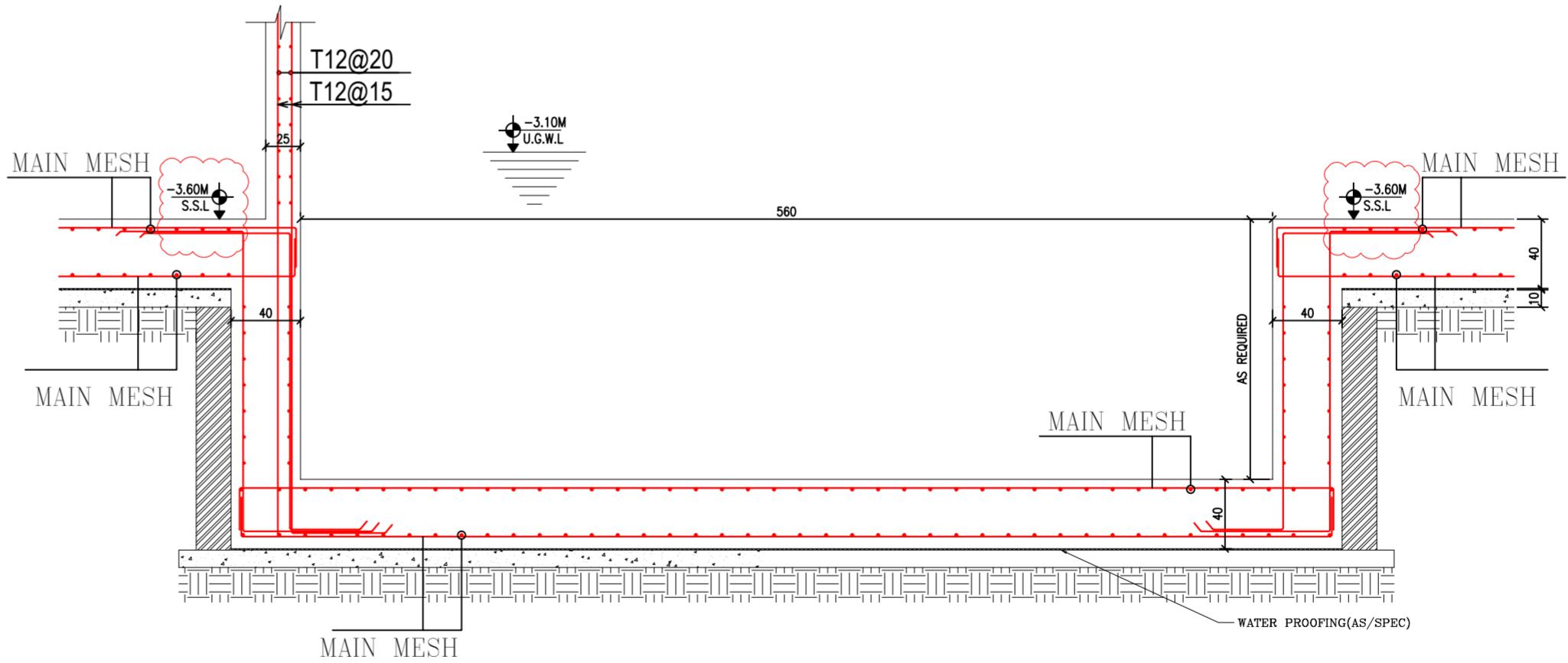
TYPICAL DETAILS FOR DROP



S-10 SECTION - B1 - CAR LIFT PIT



SUMP PIT TYPICAL DETAILS



S-10 SECTION - B2- CAR ROTATING PLATFORM PIT

VILLA FOUNDATION SECTIONS

SCALE : 1-100

NOTE:-
REVISION:
- INCREASE EXCAVATION DEPTH 50 CM.
- MODIFY SUM BIT & LIFT & CAR LIFT AND CAR ROTATING PLATFORM DEPTH AS PER SPECIALISTS REQUIREMENTS.

CLIENT:
DISTRICT ONE-FZ

CONSULTANT:

PROJECT:
PROPOSED VILLA (B+G +1+R)

LOCATION:
AL MERKADH PLOT NO.
470861

DRAWING TITLE:
VILLA FOUNDATION SECTIONS

JOB NO. DATE:
06/11/2024 SHEET NO.

Sheet Size: Scale:

A2

CHECKED BY: NAME REG. NO.

Architecture MARWA MOKBEL

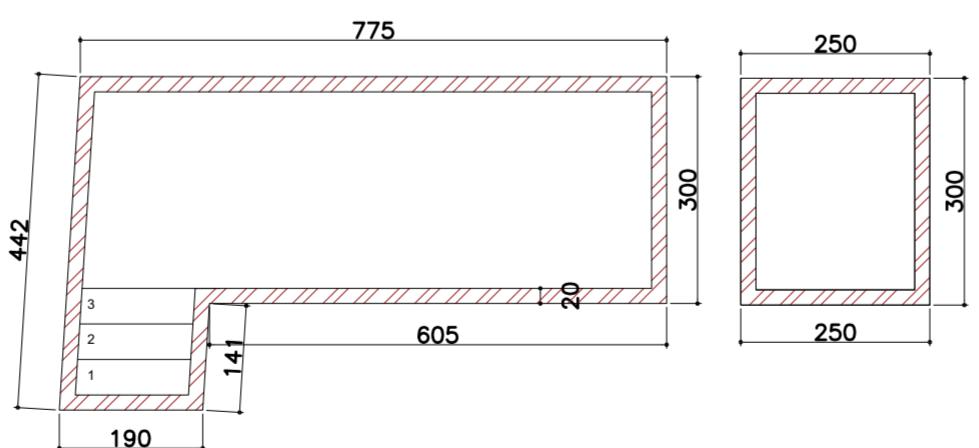
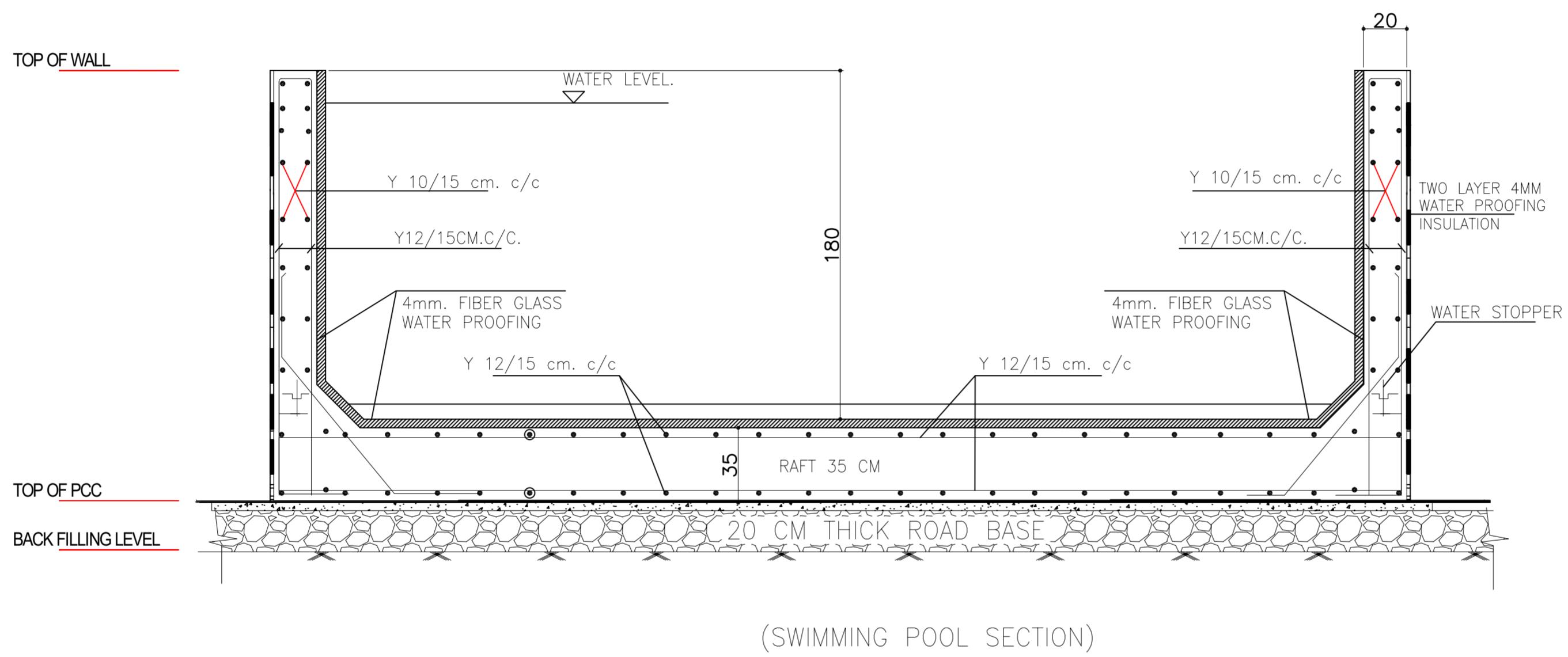
Structure AHMED OMAR

MEP

$$f_{cu} = 40 \text{ N/SQ.MM}$$

النوع	بيانات المخفر
رقم المخفر	3470861
رقم الرخصة	439837-3-2
التاريخ	21/02/25
المخفر	المخفرات المعتمدة
الرخصة	ادارة ترخيص المباني

SHORING SYSTEM DESIGN TO BE SUBMITTED BY SPECIALIST



SWIMMIN POOL PLAN

SWIMMING POOL SECTION