



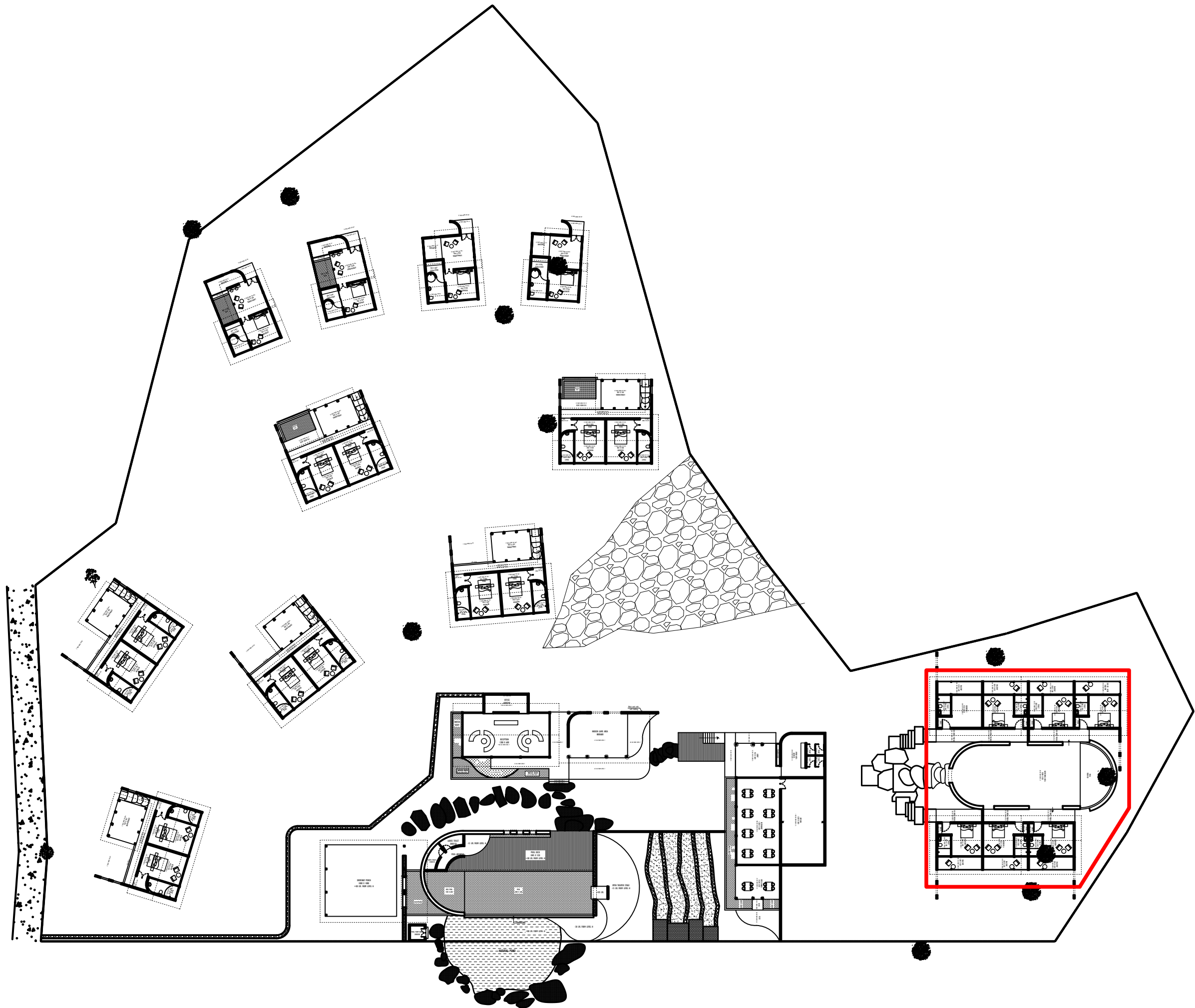
7 BHK WITH POOL

PI60 - H11- ASTANA RESORT, KAKKADAMPOYIL

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SHEET TITLE

SITE PLAN
ARCHITECTURAL DRAWING

PROJECT ASTANA RESORT, KAKKADAMPOYIL

ASTANA RESORT KAKKADAMPOYIL

SHEET NO. : 01

PRJT. NO. : P160-H10 ASTANA RESORT - KAKKADAMPOYIL

UNIT :	CM
DATE :	13-05-2024
DRAWN BY :	Faris
CHECKED BY :	Deepthi

OWNER

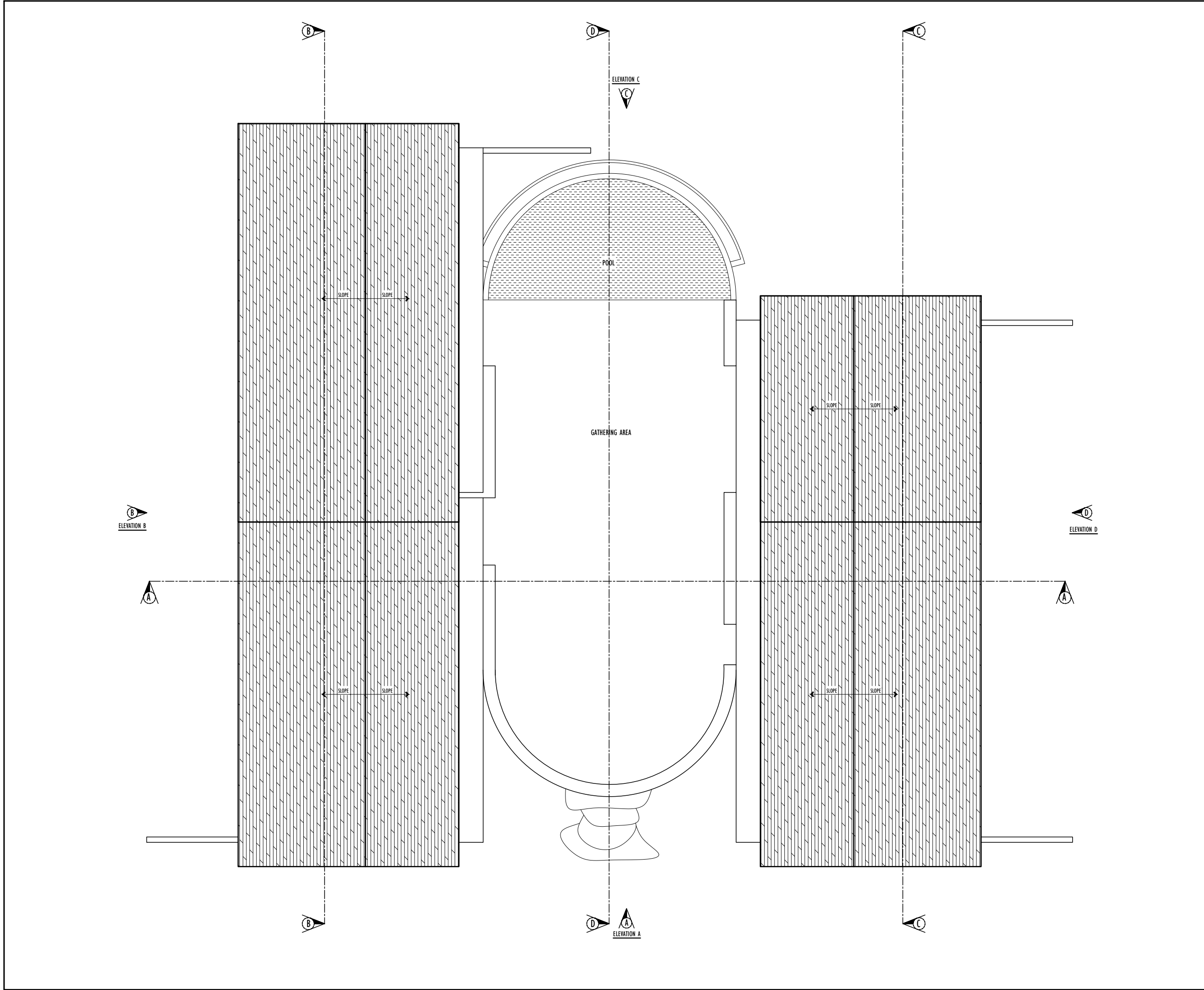
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SHEET TITLE

ROOF PLAN

ARCHITECTURAL DRAWING

PROJECT

ASTANA RESORT, KAKKADAMPOYIL

7 BHK WITH POOL

SHEET NO. : 03

PRJT. NO. : P160-H10 ASTANA RESORT - KAKKADAMPOYIL

UNIT :

CM

DATE :

13-05-2024

DRAWN BY :

Faris

CHECKED BY :

Deepthi

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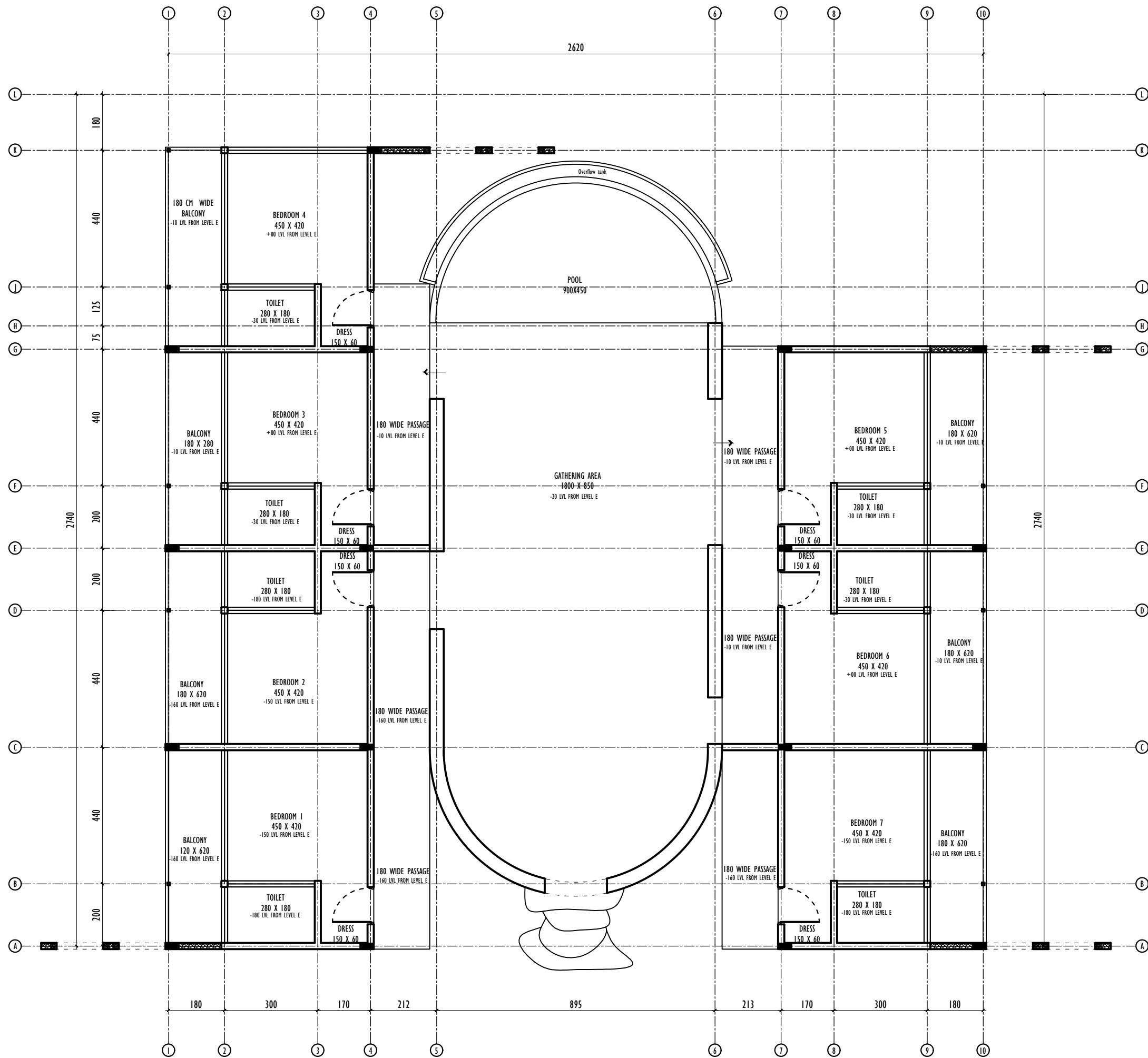
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SHEET TITLE

GROUND FLOOR PLAN
CENTER LINE DRAWING

PROJECT ASTANA RESORT, KAKKADAMPOYIL

7 BHK WITH POOL

SHEET NO. : 04

PRJT. NO. : P160-H10 ASTANA RESORT - KAKKADAMPOYIL

UNIT :	CM
DATE :	13-05-2024
DRAWN BY :	Faris
CHECKED BY :	Deepthi

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SHEET TITLE

GROUND FLOOR PLAN
BLOCK WORK DRAWING

PROJECT ASTANA RESORT, KAKKADAMPOYIL

7 BHK WITH POOL

SHEET NO. : 05

PRJT. NO. : P160-H10 ASTANA RESORT - KAKKADAMPOYIL

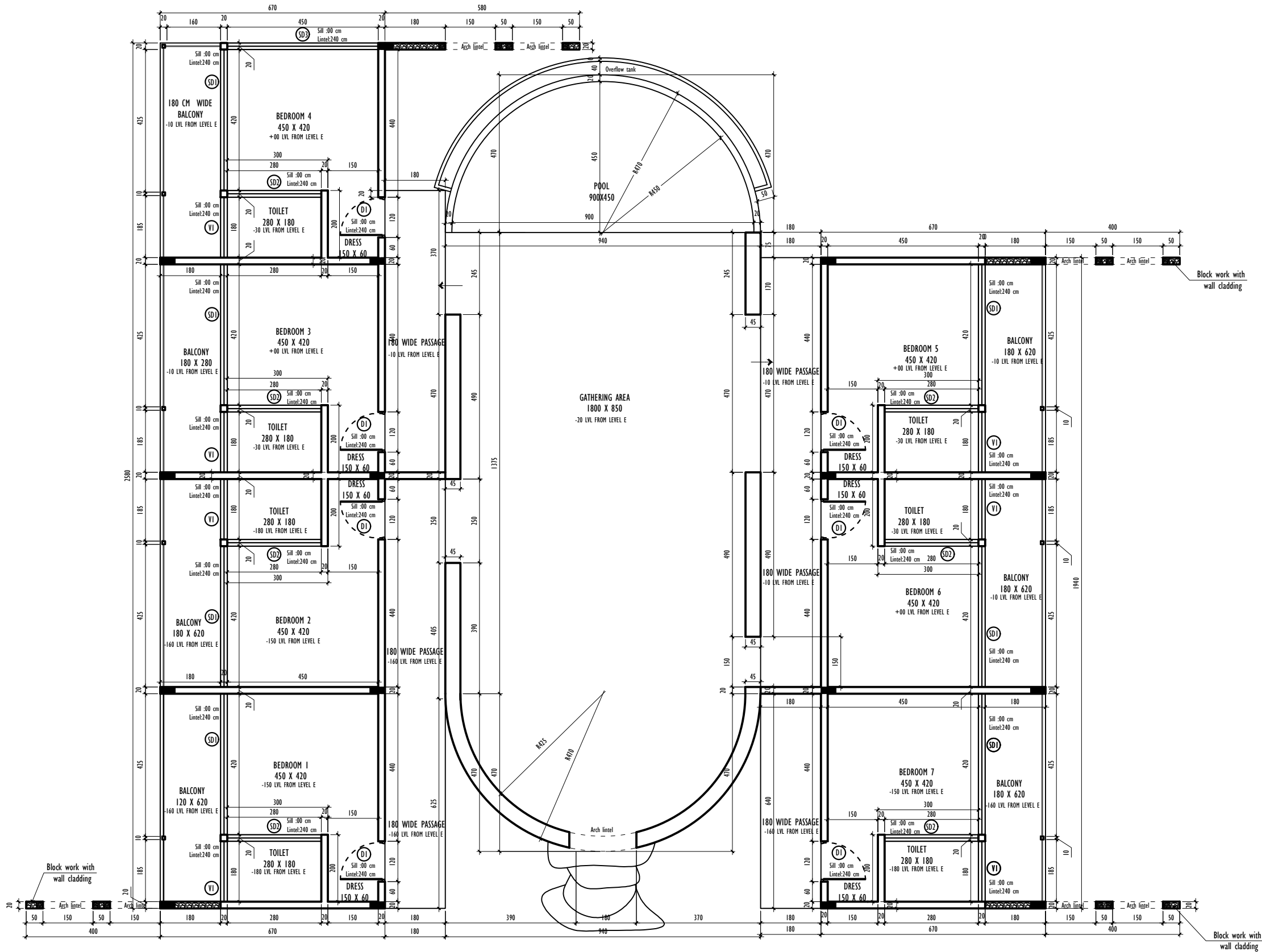
UNIT :	CM
DATE :	13-05-2024
DRAWN BY :	Faris
CHECKED BY :	Deepthi

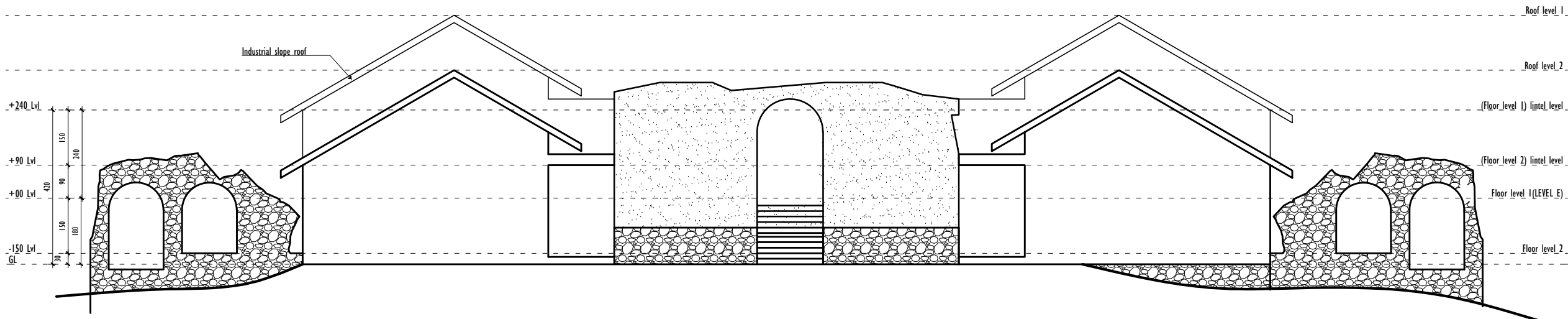
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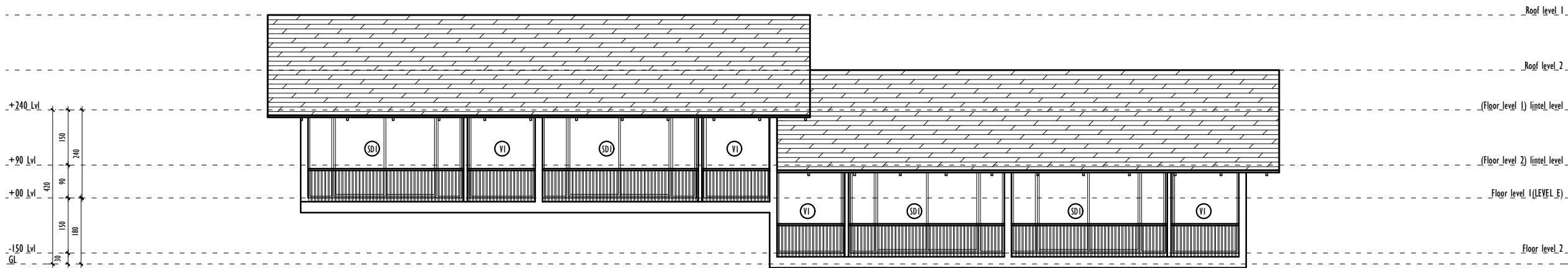
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ELEVATION A



ELEVATION B

NOTES:

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SHEET TITLE

ELEVATION A & B

PROJECT

ASTANA RESORT, KAKKADAMPOYIL

7 BHK WITH POOL

SHEET NO. : 06

PRJT. NO. : P160-H10 ASTANA RESORT - KAKKADAMPOYIL

UNIT :	CM
DATE :	13-05-2024
DRAWN BY :	Faris
CHECKED BY :	Deepthi

OWNER

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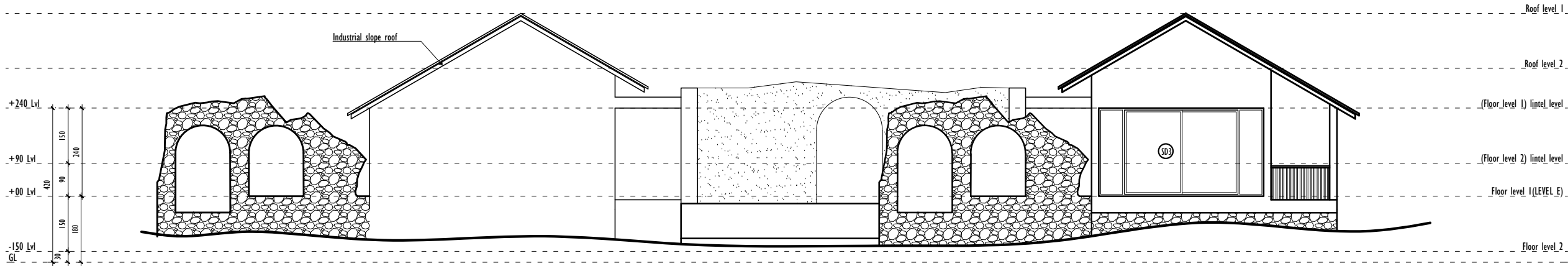
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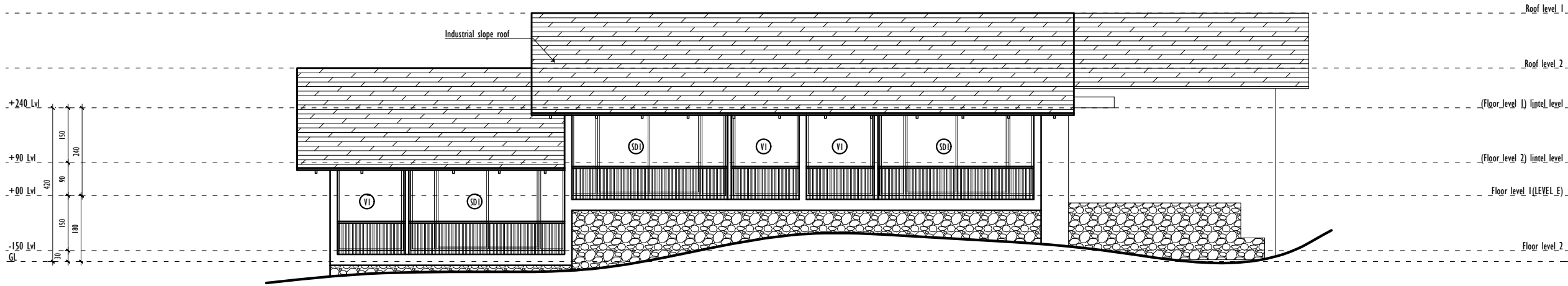
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ELEVATION C



ELEVATION D

NOTES:

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SHEET TITLE

ELEVATION C & D

PROJECT

ASTANA RESORT, KAKKADAMPOYIL

7 BHK WITH POOL

SHEET NO. : 07

PRJT. NO. : P160-H10 ASTANA RESORT - KAKKADAMPOYIL

UNIT :	CM
DATE :	13-05-2024
DRAWN BY :	Faris
CHECKED BY :	Deepthi

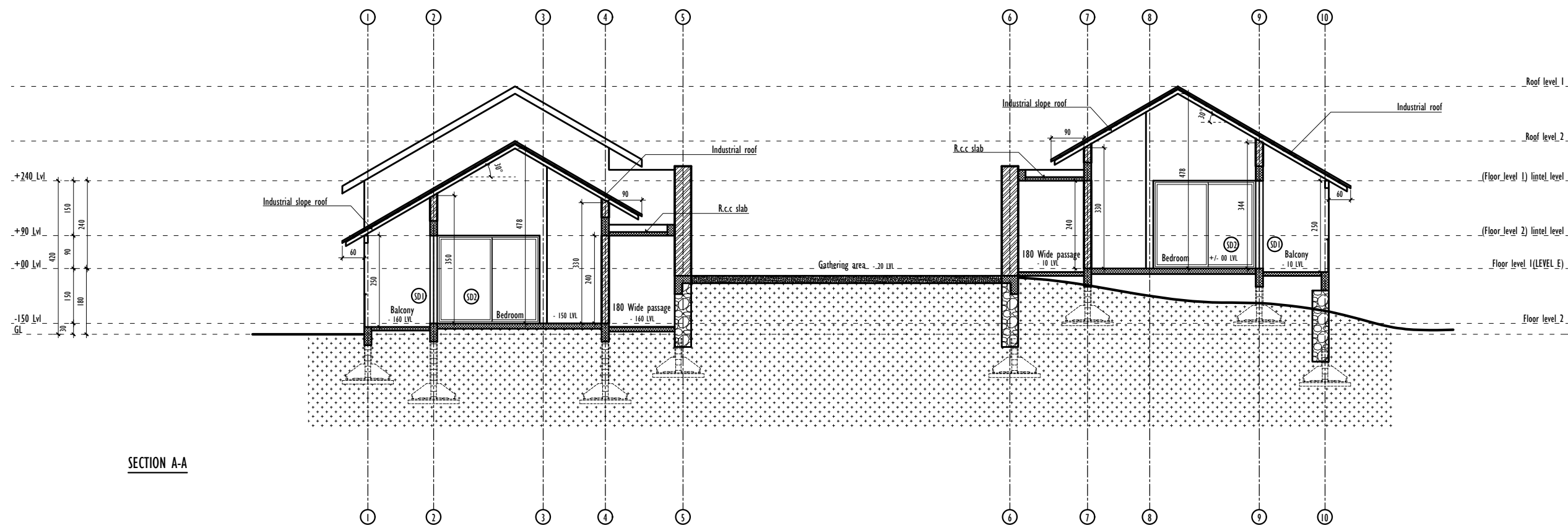
OWNER

SIGNATURE / LOGO	ADDRESS
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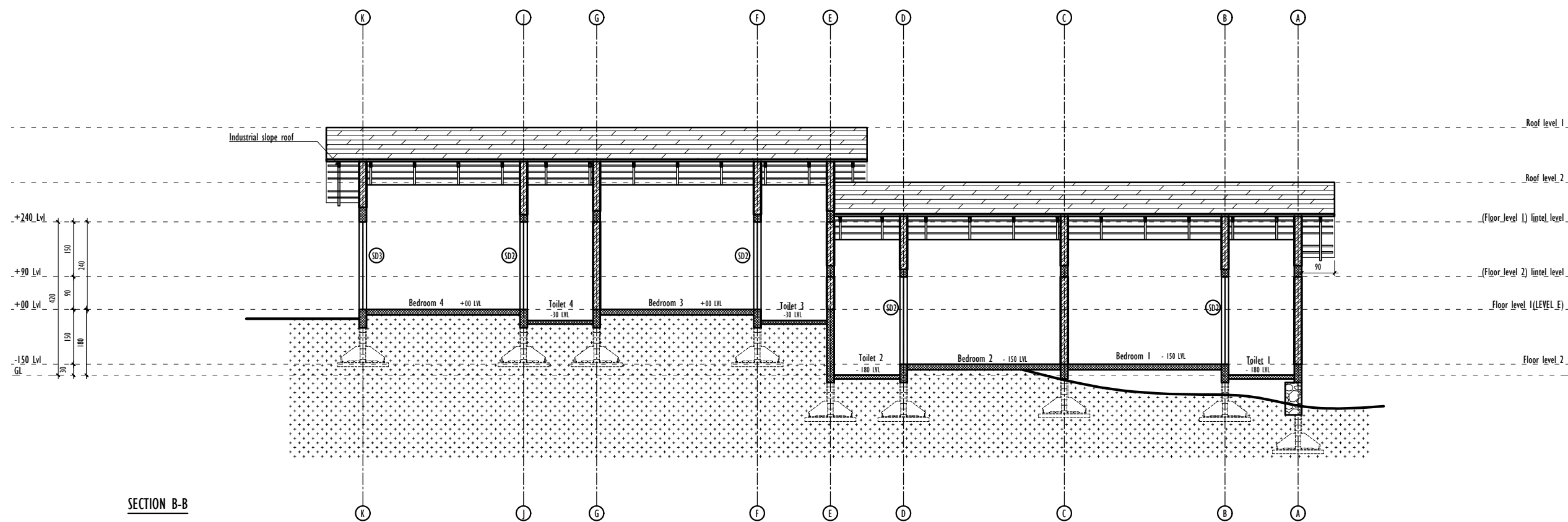
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SECTION A-A



SECTION B-B

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SHEET TITLE

SECTION A-A & B-B

PROJECT

ASTANA RESORT, KAKKADAMPOYIL

7 BHK WITH POOL

SHEET NO. : 08

PRJT. NO. : P160-H10 ASTANA RESORT - KAKKADAMPOYIL

UNIT :	CM
DATE :	13-05-2024
DRAWN BY :	Faris
CHECKED BY :	Deepthi

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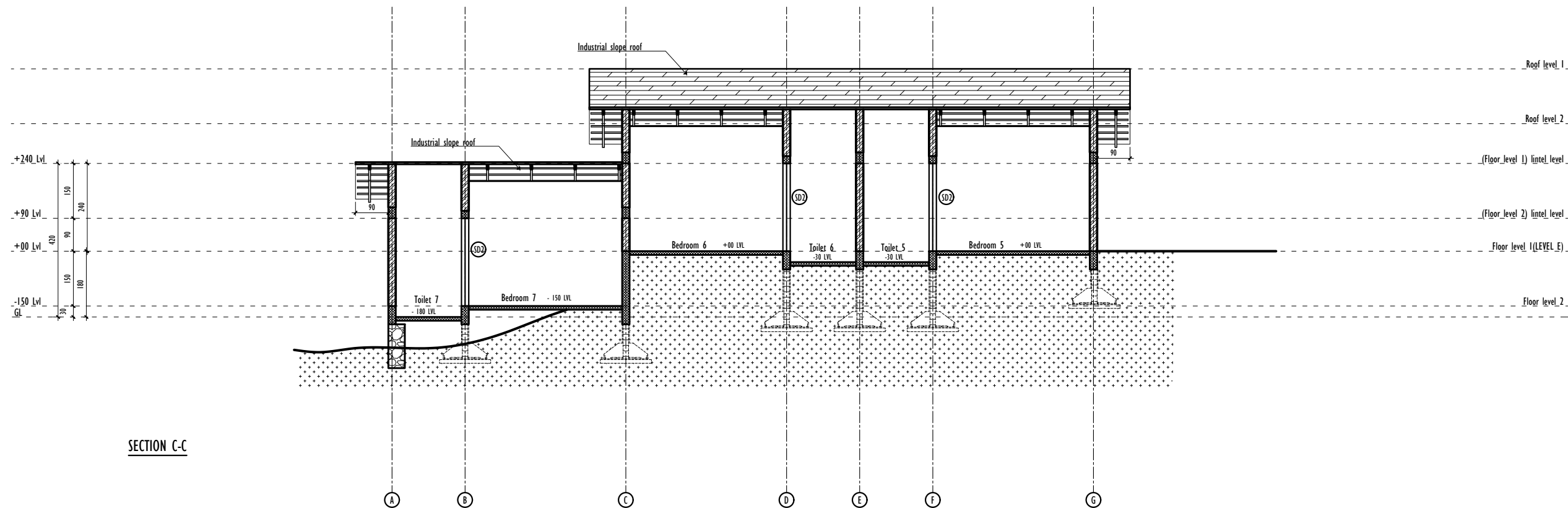
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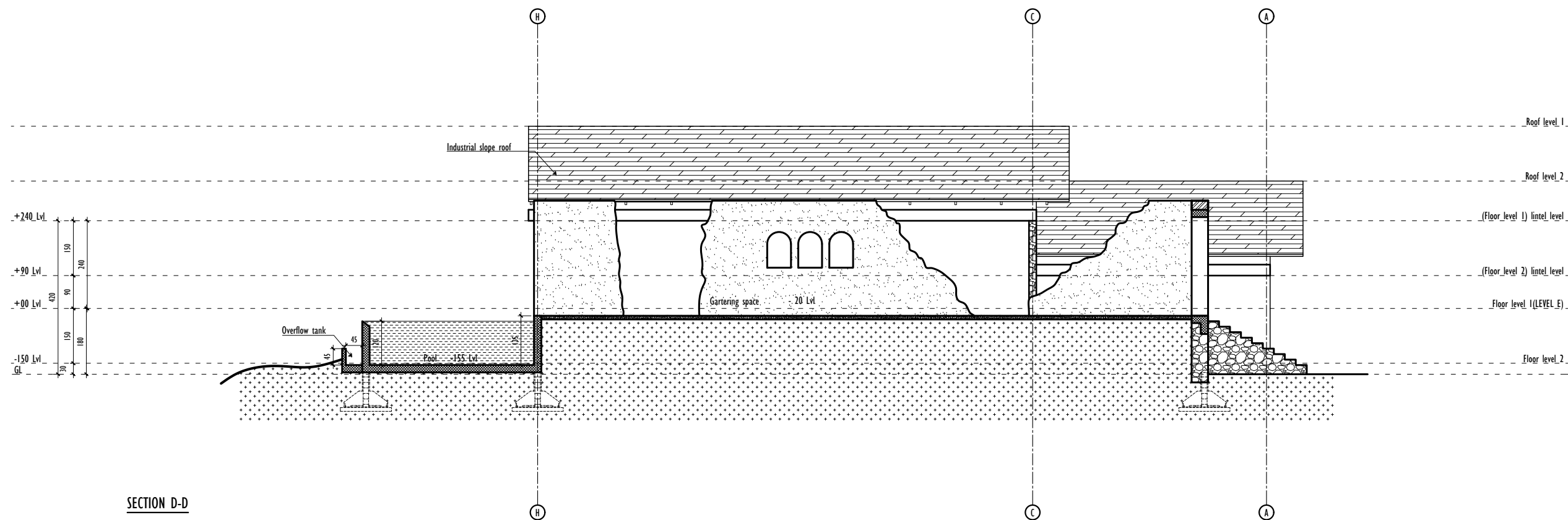
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SECTION C-C



SECTION D-D

NOTES:

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SHEET TITLE

SECTION C-C & D-D

PROJECT

ASTANA RESORT, KAKKADAMPOYIL

7 BHK WITH POOL

SHEET NO. : 09

PRJT. NO. : P160-H10 ASTANA RESORT - KAKKADAMPOYIL

UNIT :	CM
DATE :	13-05-2024
DRAWN BY :	Faris
CHECKED BY :	Deepthi

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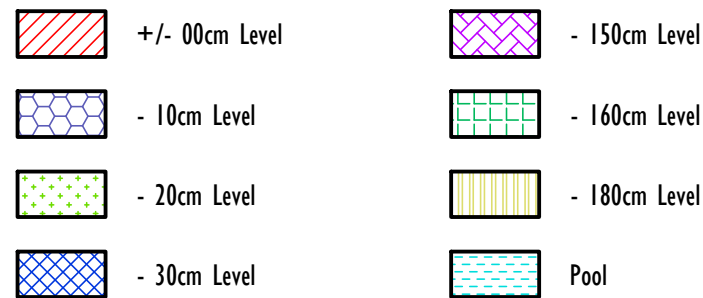
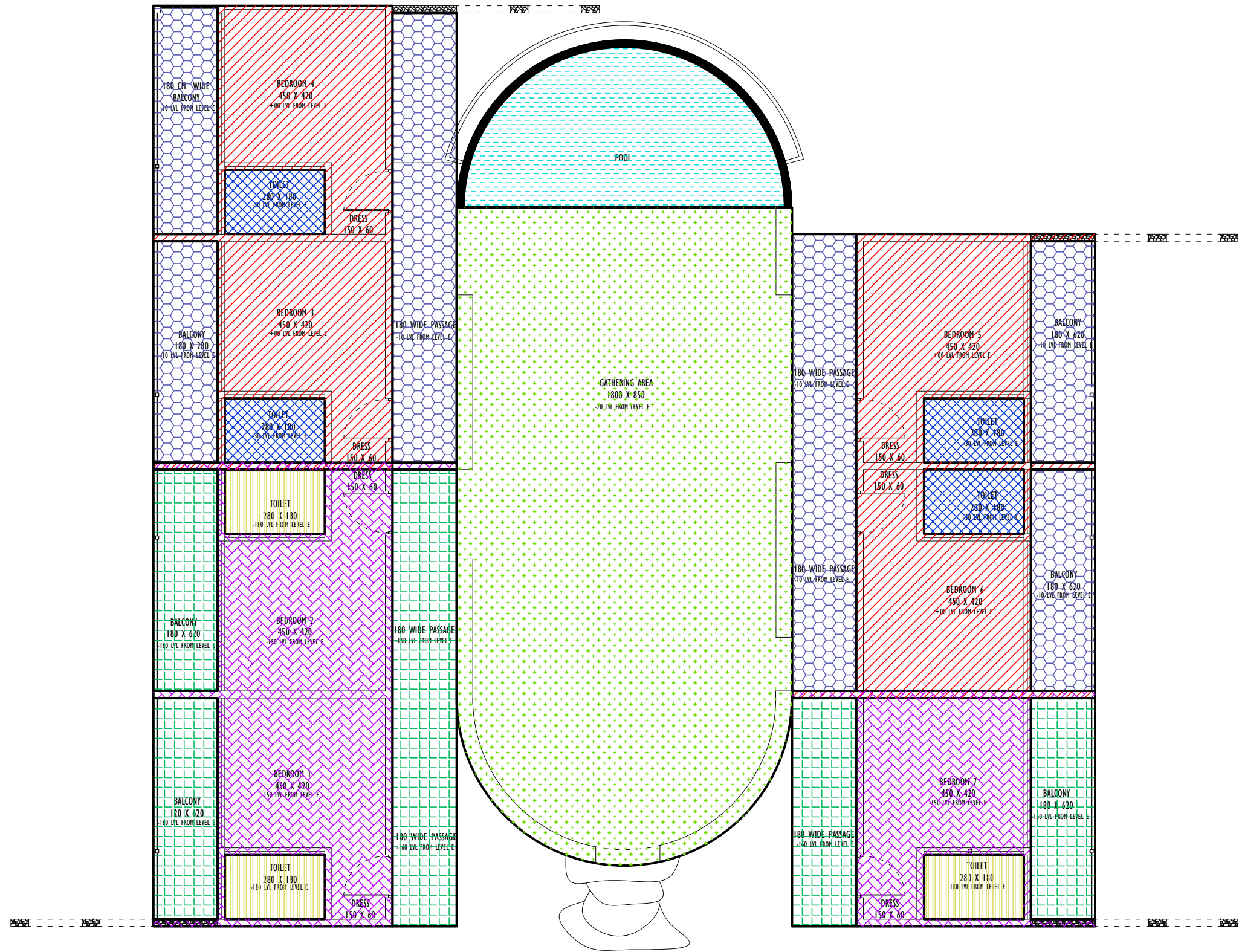
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SHEET TITLE

GROUND FLOOR PLAN
FLOOR LEVEL DRAWING

PROJECT ASTANA RESORT, KAKKADAMPOYIL

7 BHK WITH POOL

SHEET NO. : 10

PRJT. NO. : P160-H10 ASTANA RESORT - KAKKADAMPOYIL

UNIT :	CM
DATE :	13-05-2024
DRAWN BY :	Faris
CHECKED BY :	Deepthi

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SHEET TITLE

GROUND FLOOR PLAN
SLOPE ROOF DRAWING

PROJECT ASTANA RESORT, KAKKADAMPOYIL

7 BHK WITH POOL

SHEET NO. : 11

PRJT. NO. : P160-H10 ASTANA RESORT - KAKKADAMPOYIL

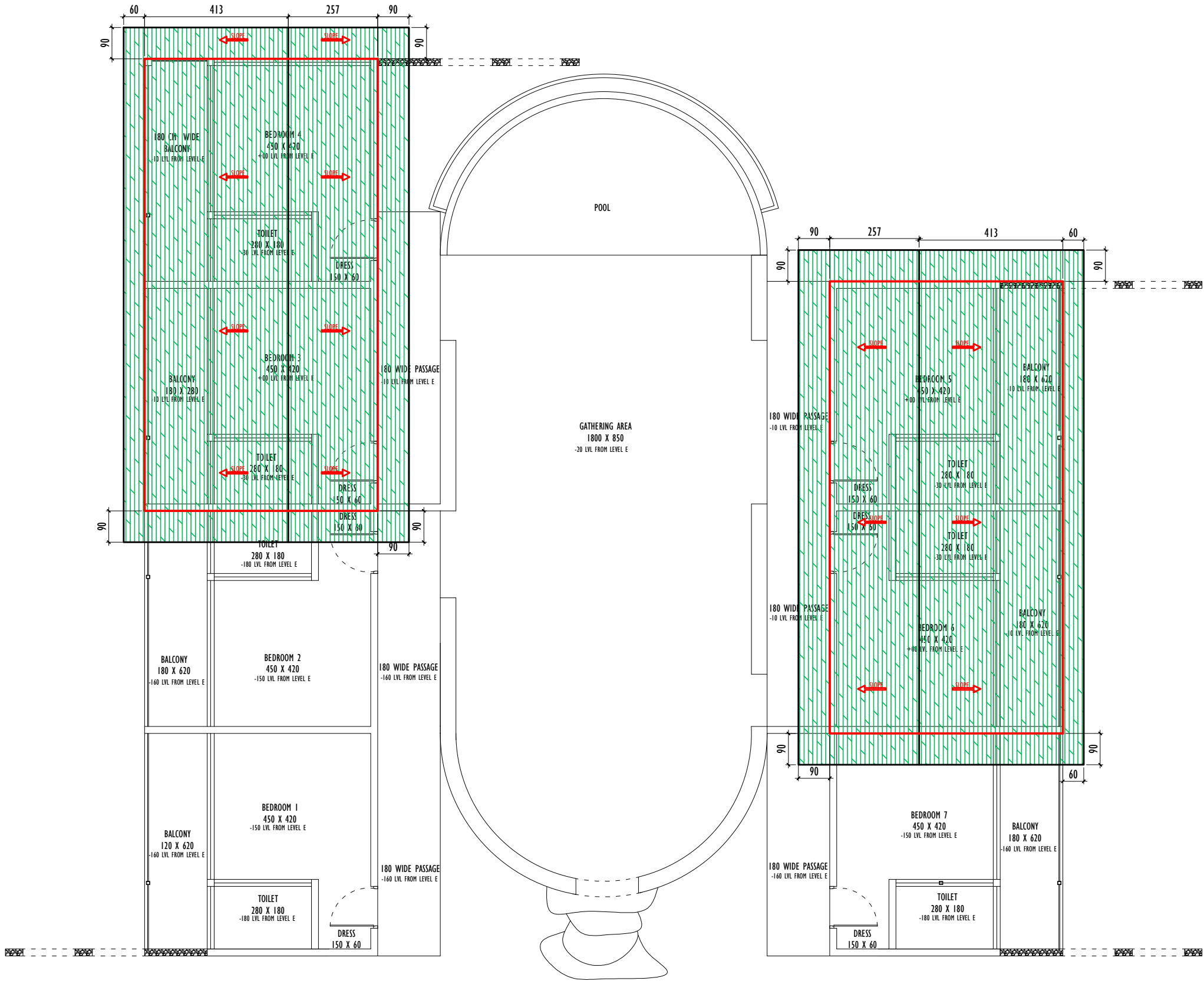
UNIT :	CM
DATE :	13-05-2024
DRAWN BY :	Faris
CHECKED BY :	Deepthi

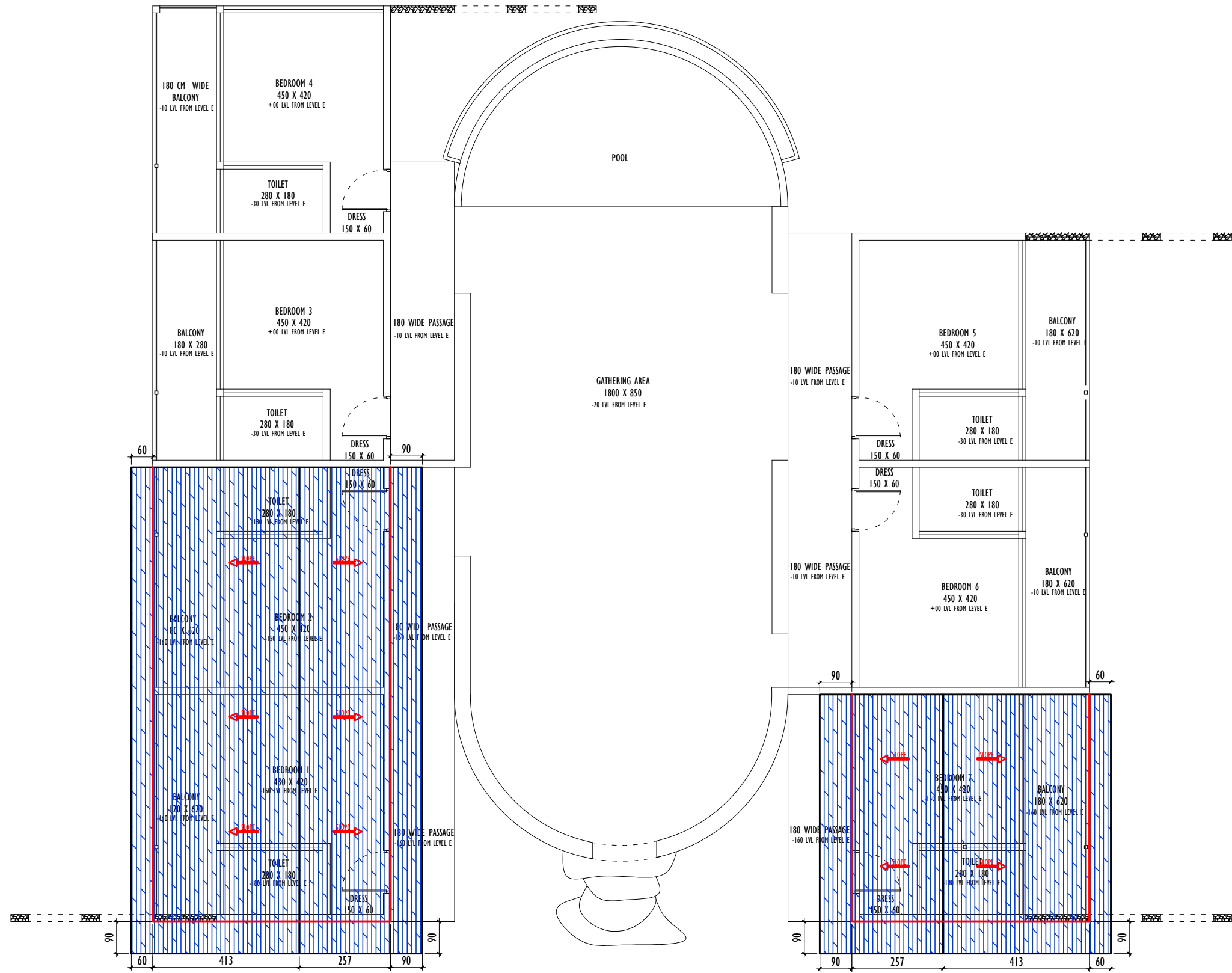
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 Sloped truss roof with tile (pitch 30°)

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SHEET TITLE

GROUND FLOOR PLAN
SLOPE ROOF DRAWING

PROJECT ASTANA RESORT, KAKKADAMPOYIL

7 BHK WITH POOL

SHEET NO. : 12

PRJT. NO. : P160-H10 ASTANA RESORT - KAKKADAMPOYIL

UNIT :	CM
DATE :	13-05-2024
DRAWN BY :	Faris
CHECKED BY :	Deepthi

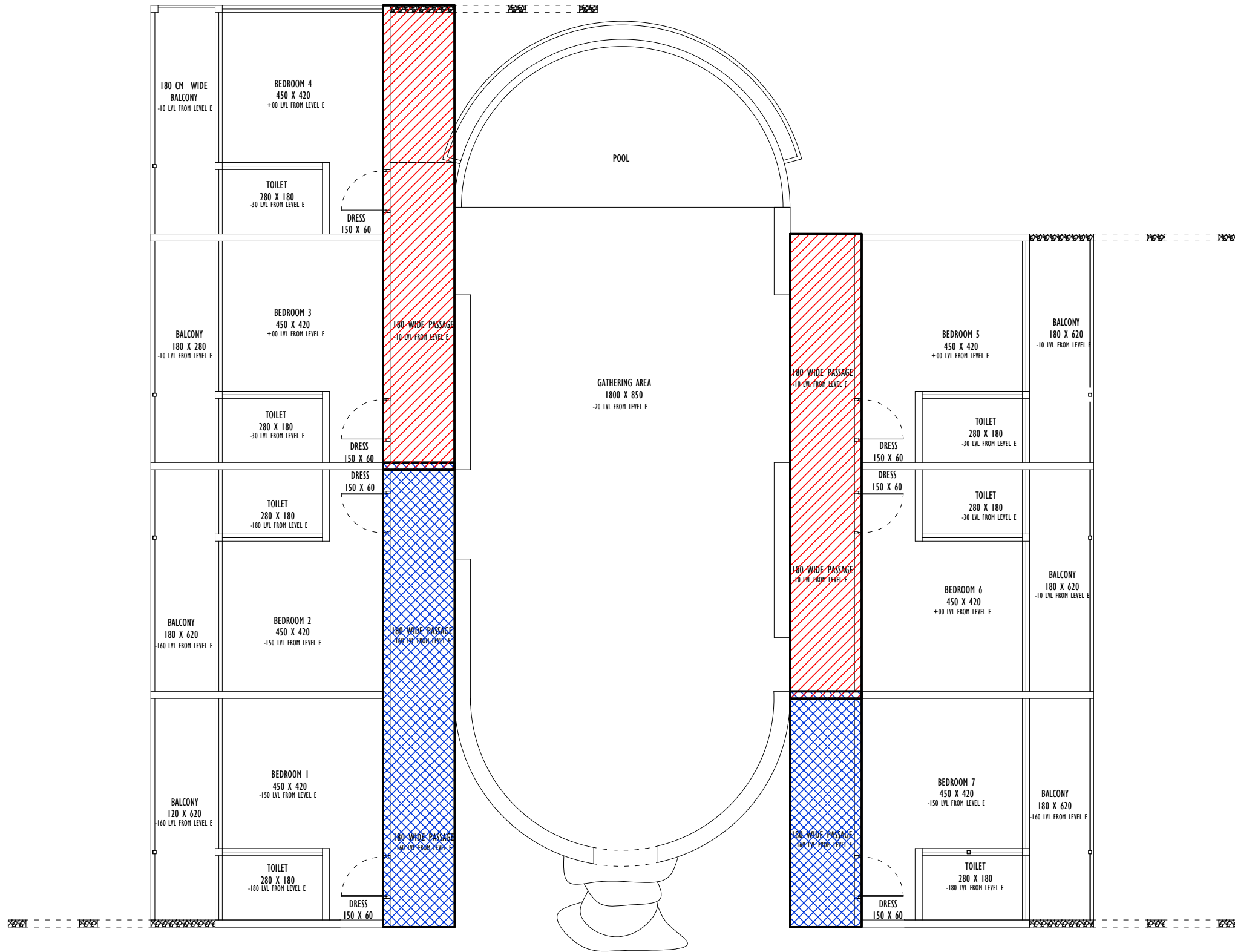
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-  R.c.c flat roof bottom @ 240 cm from floor level (floor level +/- 00)
-  R.c.c flat roof bottom @ 240 cm from floor level (floor level - 150)

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SHEET TITLE

GROUND FLOOR PLAN
FLAT ROOF DRAWING

PROJECT ASTANA RESORT, KAKKADAMPOYIL

7 BHK WITH POOL

SHEET NO. : 13

PRJT. NO. : P160-H10 ASTANA RESORT - KAKKADAMPOYIL

UNIT :	CM
DATE :	13-05-2024
DRAWN BY :	Faris
CHECKED BY :	Deepthi

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SHEET TITLE
JOINERY SCHEDULE

PROJECT ASTANA RESORT, KAKKADAMPOYIL

7 BHK WITH POOL

SHEET NO. : 14

PRJT. NO. : P160-H10 ASTANA RESORT - KAKKADAMPOYIL

UNIT :	CM
DATE :	13-05-2024
DRAWN BY :	Faris
CHECKED BY :	Deepthi

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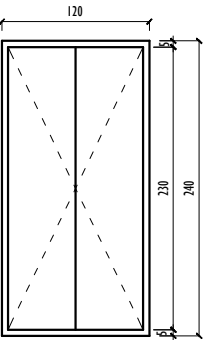
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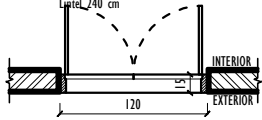
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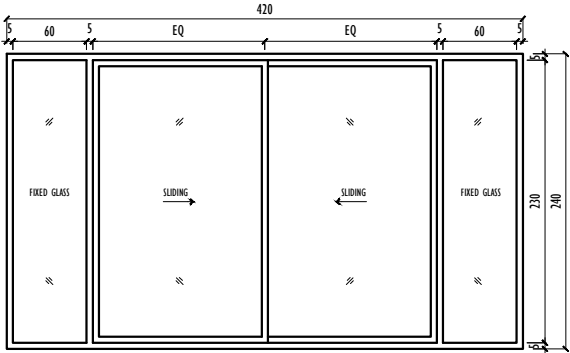
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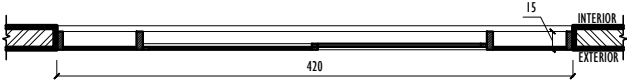
D1 Elevation
NO.s : 7
LOCATION : BEDROOM 1,2,3,4,5,6&7
Sill 00 cm
Lintel 240 cm



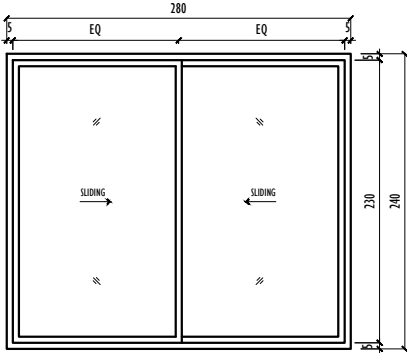
D1 Plan
NO.s : 7
LOCATION : BEDROOM 1,2,3,4,5,6&7



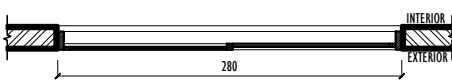
SD1 Elevation
NO.s : 7
LOCATION : BEDROOM 1,2,3,4,5,6&7
Sill 00 cm
Lintel 240 cm



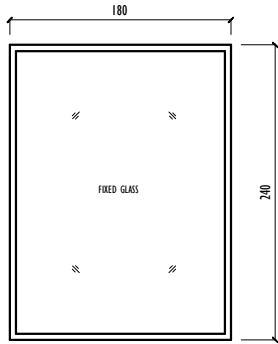
SD1 Plan
NO.s : 7
LOCATION : BEDROOM 1,2,3,4,5,6&7



SD2 Elevation
NO.s : 7
LOCATION : TOILET 1,2,3,4,5,6&7
Sill 00 cm
Lintel 240 cm



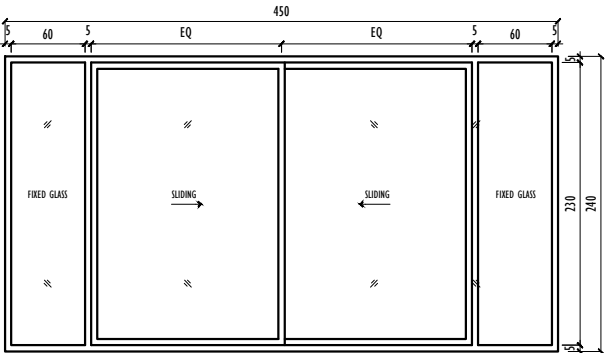
SD2 Plan
NO.s : 7
LOCATION : TOILET 1,2,3,4,5,6&7



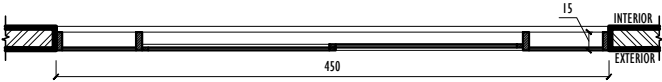
VI Elevation
NO.s : 7
LOCATION : TOILET 1,2,3,4,5,6&7
Sill 00 cm
Lintel 240 cm



VI Plan
NO.s : 7
LOCATION : TOILET 1,2,3,4,5,6&7

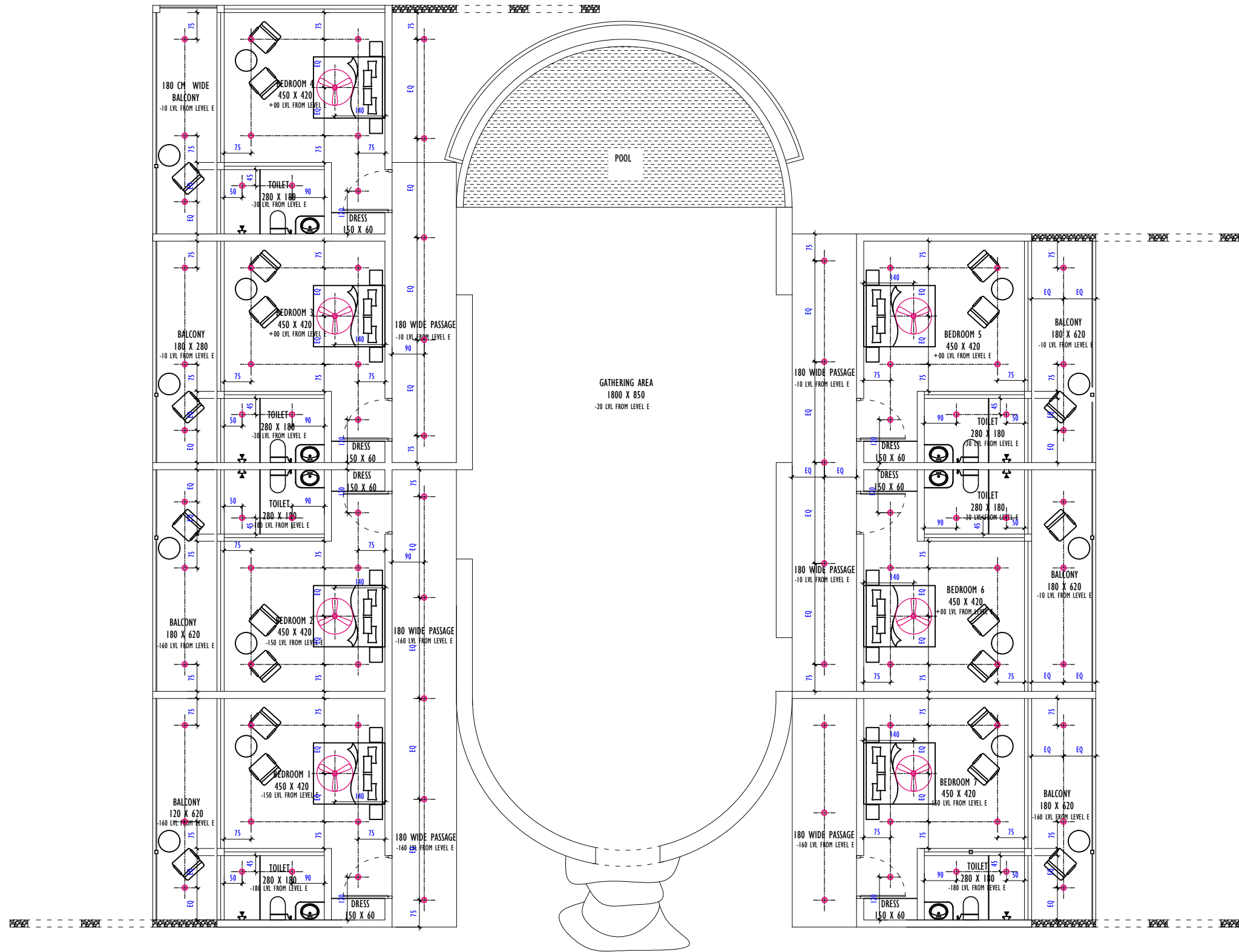


SD3 Elevation
NO.s : 1
LOCATION : BEDROOM 4
Sill 00 cm
Lintel 240 cm



SD3 Plan
NO.s : 1
LOCATION : BEDROOM 4

SL.NO	ITEM	DESIGNATION	NO.S	SIZE	SILL	LINTEL	ROOM
01	DOOR	D1	7	120X240	00	240	BEDROOMS 1,2,3,4,5,6&7
02	SLIDING DOOR	SD1	7	420X240	00	240	BEDROOMS 1,2,3,4,5,6&7
03	SLIDING DOOR	SD2	7	280X240	00	240	TOILET 1,2,3,4,5,6&7
04	SLIDING DOOR	SD3	1	450X240	00	240	BEDROOM 4
05	VENTILATION	VI	7	180X240	00	240	TOILET 1,2,3,4,5,6&7



	CEILING MOUNTED LIGHT
	HANGING LIGHT
	CEILING FAN

NOTES:

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SHEET TITLE

GROUND FLOOR PLAN
CEILING POINT

PROJECT ASTANA RESORT, KAKKADAMPOYIL

7 BHK WITH POOL

SHEET NO. : 15

PRJT. NO. : P160-H10 ASTANA RESORT - KAKKADAMPOYIL

UNIT :	CM
DATE :	13-05-2024
DRAWN BY :	Faris
CHECKED BY :	Deepthi

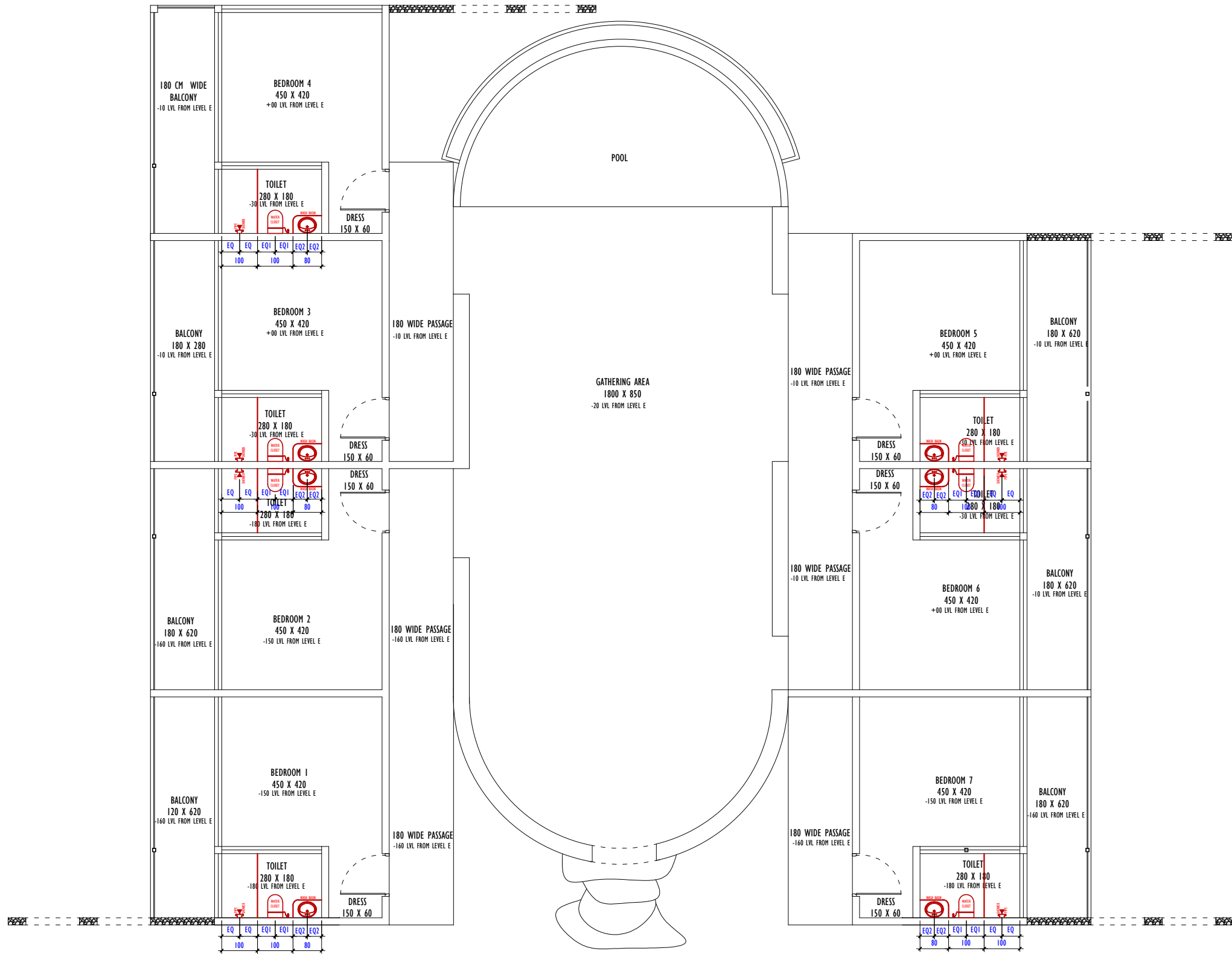
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	PIPE AND SHOWER
	WATER CLOSET
	WASH BASIN
	WATER HEATER
	PIPE

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SHEET TITLE

GROUND FLOOR PLAN
PLUMBING POINTS

PROJECT ASTANA RESORT, KAKKADAMPOYIL

7 BHK WITH POOL

SHEET NO. : 16

PRJT. NO. : P160-H10 ASTANA RESORT - KAKKADAMPOYIL

UNIT :	CM
DATE :	13-05-2024
DRAWN BY :	Faris
CHECKED BY :	Deepthi

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FRONT ELEVATION



BACK ELEVATION

7 BHK WITH POOL

PI60 - H11- ASTANA RESORT, KAKKADAMPOYIL

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LEFT ELEVATION



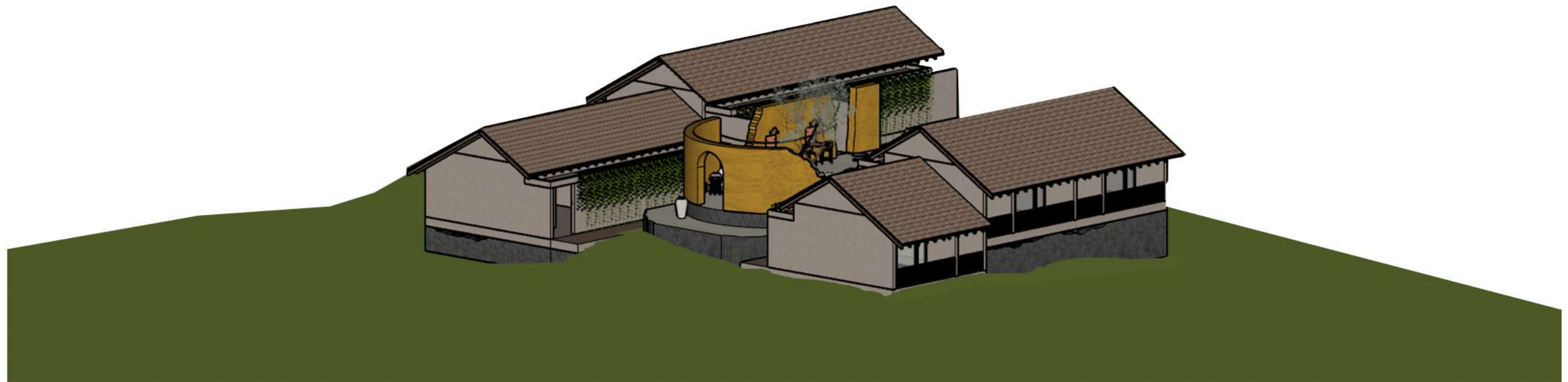
RIGHT ELEVATION

7 BHK WITH POOL

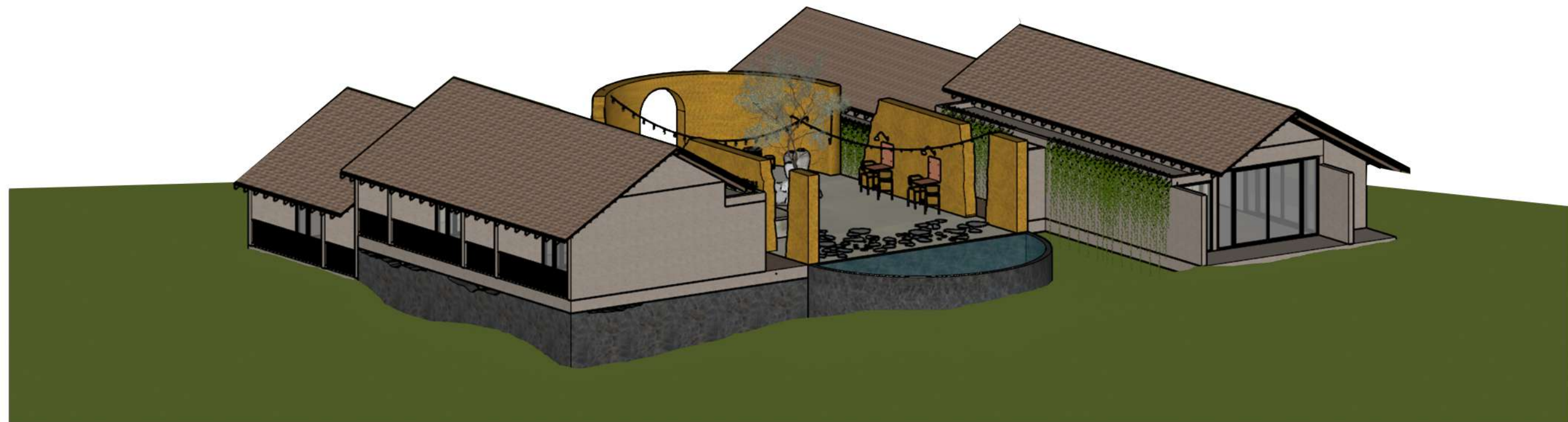
PI60 - H11- ASTANA RESORT, KAKKADAMPOYIL

aslam.sham
architectureinteriorslandscapes
1/584, Cherukulam, Calicut
673317
mail@aslamsham-architects.com





VIEW-1



VIEW-2

7 BHK WITH POOL

PI60 - H11- ASTANA RESORT,KAKKADAMPOYIL



VIEW-3



VIEW-4

7 BHK WITH POOL

PI60 - H11- ASTANA RESORT,KAKKADAMPOYIL

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8 7 6 5 4 3 2 1

8

7

6

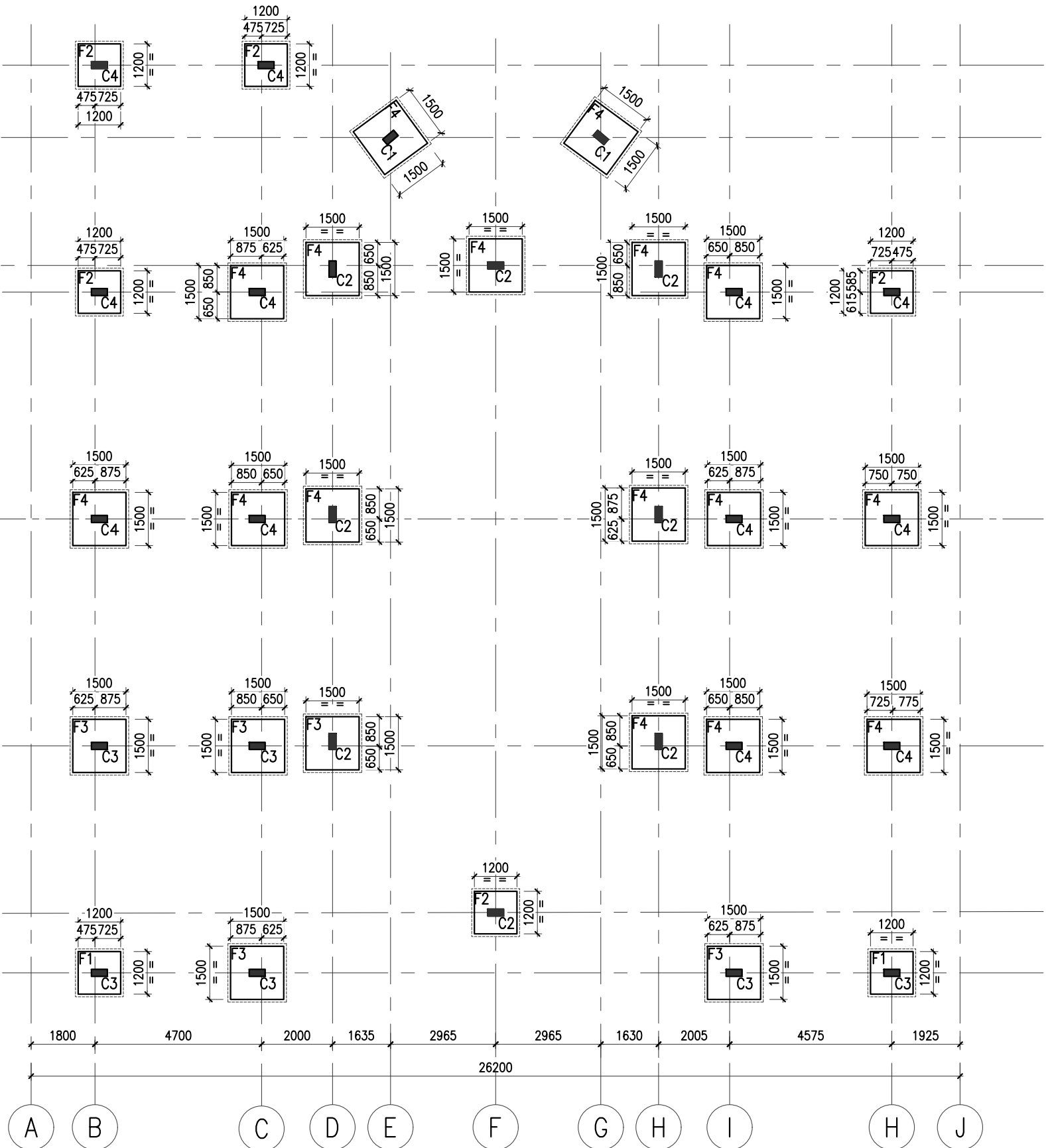
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4

3

2

1

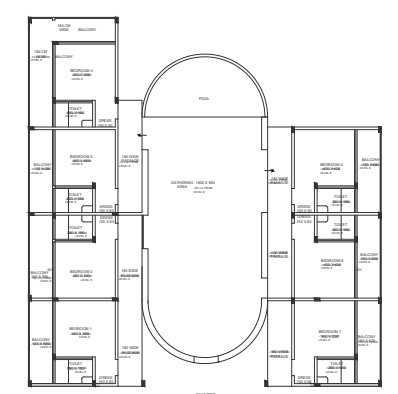


FOOTING LAYOUT
SCALE 1:100

GOOD FOR CONSTRUCTION

8 7 6 5 4 3 2 1

- LEGEND:**
- FGL - FINISHED GROUND LEVEL
 - BOB - BOTTOM OF BEAM
 - TOC - TOP OF CONCRETE
 - TOS - TOP OF STEEL
 - B.O.F - BOTTOM OF FOOTING
 - TYP - TYPICAL
 - OP - OPENING
 - FC - FLOATING COLUMN
 - C - COLUMNS
 - F - FOOTINGS
 - PB - PLINTH BEAM
 - FB - FLOOR BEAM
 - RB - ROOF BEAM
 - IP - INSERT PLATE



KEY-PLAN

- NOTES:-**
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 - CLEAR COVER TO MAIN REINFORCEMENT SHALL BE:
FOOTINGS AND BASE SLAB : 50 MM
COLUMNS : 40 MM
BEAMS : 25 MM
FLOOR/ROOF/GRADE SLABS (BUILDINGS) : 20 MM
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SPACE FOR SEAL & SIGNATURE

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Chartered Engineer (India-M-1750121)
Engineer-A (Kerala-E-2050/08/21032/KKD/749)

0	09-05-24	ISSUED FOR CONSTRUCTION	MRF	SHK	MNK
REV	DATE	REVISION DESCRIPTION	PRPD BY	CHKD BY	APPVD BY

REVISIONS

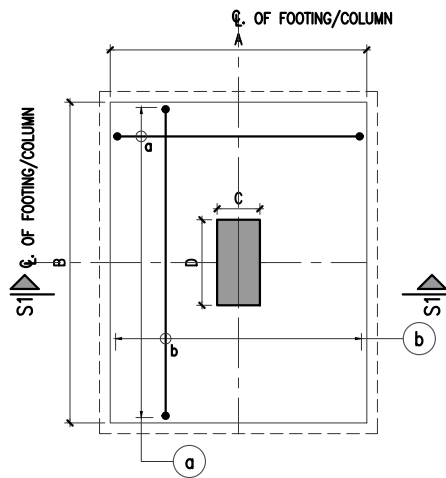
PROJECT : ASTANA RESORT - 7BHK VILLA WITH POOL

ARCHITECT : ASLAM SHAM

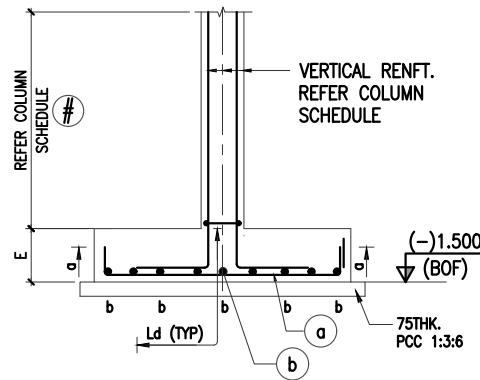
STRUCTURAL CONSULTANT :

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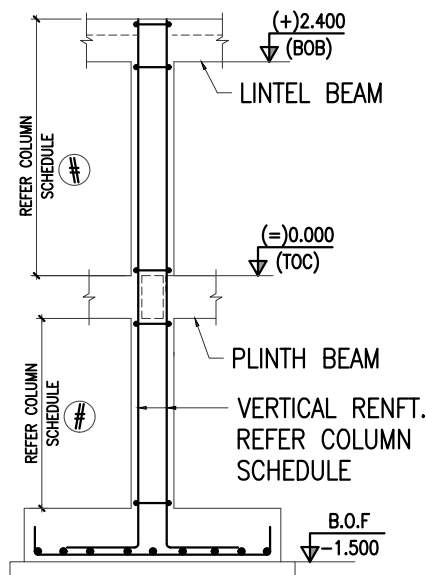
LOCATION	SIGN & DATE	TITLE :			
PRPD BY	MRF	LAYOUT OF FOOTING			
DATE	22.03.2024				
CHKD BY	SHK				
DATE	22.03.2024				
APPVD BY	MNK	SCALE	1:100	SHEET	01 OF 17
DATE	22.03.2024	W & F DRG. NO :-			
SHEET SIZE: A3		WF-24-AR-ASA-115C-S01			
ISSUED FOR	☐ TENDER	☐ INFORMATION	☐ REVIEW	☐ APPROVAL	☒ CONSTRUCTION
		☐ AS BUILT			



TYPICAL NUM. & RC DETAIL OF FOOTINGS MARKED (F1 TO F4)
(COLUMN & FOOTING ORIENTATION AS PER LAYOUT)
(SCALE 1:50)



SECTION S1-S1
(SCALE 1:50)



TYPICAL L.S. OF COLUMN-C5
(SCALE 1:50)

SCHEDULE OF FOOTINGS:-

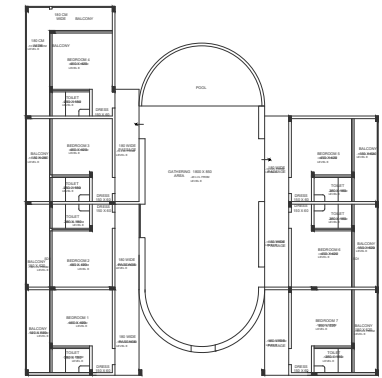
FOOTINGS		SIZE OF FOOTING		FOOTING THICKNESS	BOTTOM STEEL		TOP STEEL	BOF FROM FGL
MKD.	NOS.	A	B	E	a	b	c/d	
F1	02	1200	1200	250	Y10 AT 150 C/C	Y10 AT 150 C/C	-	(-)3.000
F2	05	1200	1200	250	Y10 AT 150 C/C	Y10 AT 150 C/C	-	(-)1.500
F3	05	1500	1500	300	Y10 AT 125 C/C	Y10 AT 125 C/C	-	(-)3.000
F4	16	1500	1500	300	Y10 AT 125 C/C	Y10 AT 125 C/C	-	(-)1.500

SCHEDULE OF COLUMNS :-

COLUMN MARKED	COLUMN SIZE		GRID MKD.	COLUMN BOTTOM LEVEL	COLUMN TOP LEVEL	CROSS SECTION OF COLUMN	REINFORCEMENT DETAILS	TIES & LINK DETAILS
	c (mm)	d (mm)						
C1	200	400	E-7,G-7,	(-)1.500	(-)0.050		4-Y16 a + 4-Y12 b # TIES Y8 AT 150 C/C 2 TIES PER EACH SET	
C2	200	450	D-3,D-4, D-6,F-2,F-6 H-3,H-4,H-6	(-)1.500	(-)0.200		4-Y16 a + 4-Y12 b # TIES Y8 AT 150 C/C 2 TIES PER EACH SET	
C3	200	450	B-1,B-3,C-1 C-3,I-1,J-1	(-)3.000	(-)0.100		8-Y12 a # TIES Y8 AT 150 C/C 2 TIES PER EACH SET	
C4	200	450	B-4,B-5, B-8,C-4,C-5, C-8,I-3,I-4, I-5,H-3,H-4, H-5	(-)1.500	(+)2.400		8-Y16 a # TIES Y8 AT 150 C/C 2 TIES PER EACH SET	

SCHEDULE OF FLOATING COLUMNS :-

COLUMN MARKED	COLUMN SIZE		GRID MKD.	COLUMN BOTTOM LEVEL	COLUMN TOP LEVEL	CROSS SECTION OF COLUMN	REINFORCEMENT DETAILS	TIES & LINK DETAILS
	c (mm)	d (mm)						
FC1	200	200	-	(-)1.500	(+)0.900		4-Y12 a # TIES Y8 AT 150 C/C 1 TIE PER EACH SET	
FC2	200	200	-	(=)0.000	(+)2.400		4-Y12 a # TIES Y8 AT 150 C/C 1 TIE PER EACH SET	



KEY-PLAN

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SPACE FOR SEAL & SIGNATURE

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Chartered Engineer (India-M-1750121)
Engineer-A (Kerala-E-2050/08/21032/KKD/749)

0	09-05-24	ISSUED FOR CONSTRUCTION	MRF	SHK	MNK
REV	DATE	REVISION DESCRIPTION	PRPD BY	CHKD BY	APPVD BY

REVISIONS

PROJECT : ASTANA RESORT - 7BHK VILLA WITH POOL

ARCHITECT : ASLAM SHAM



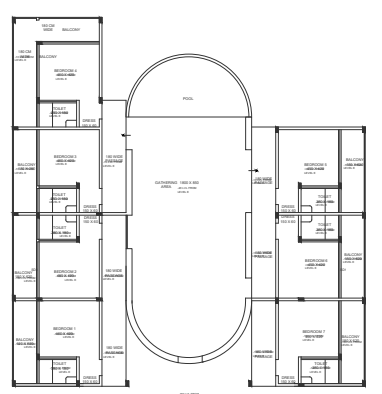
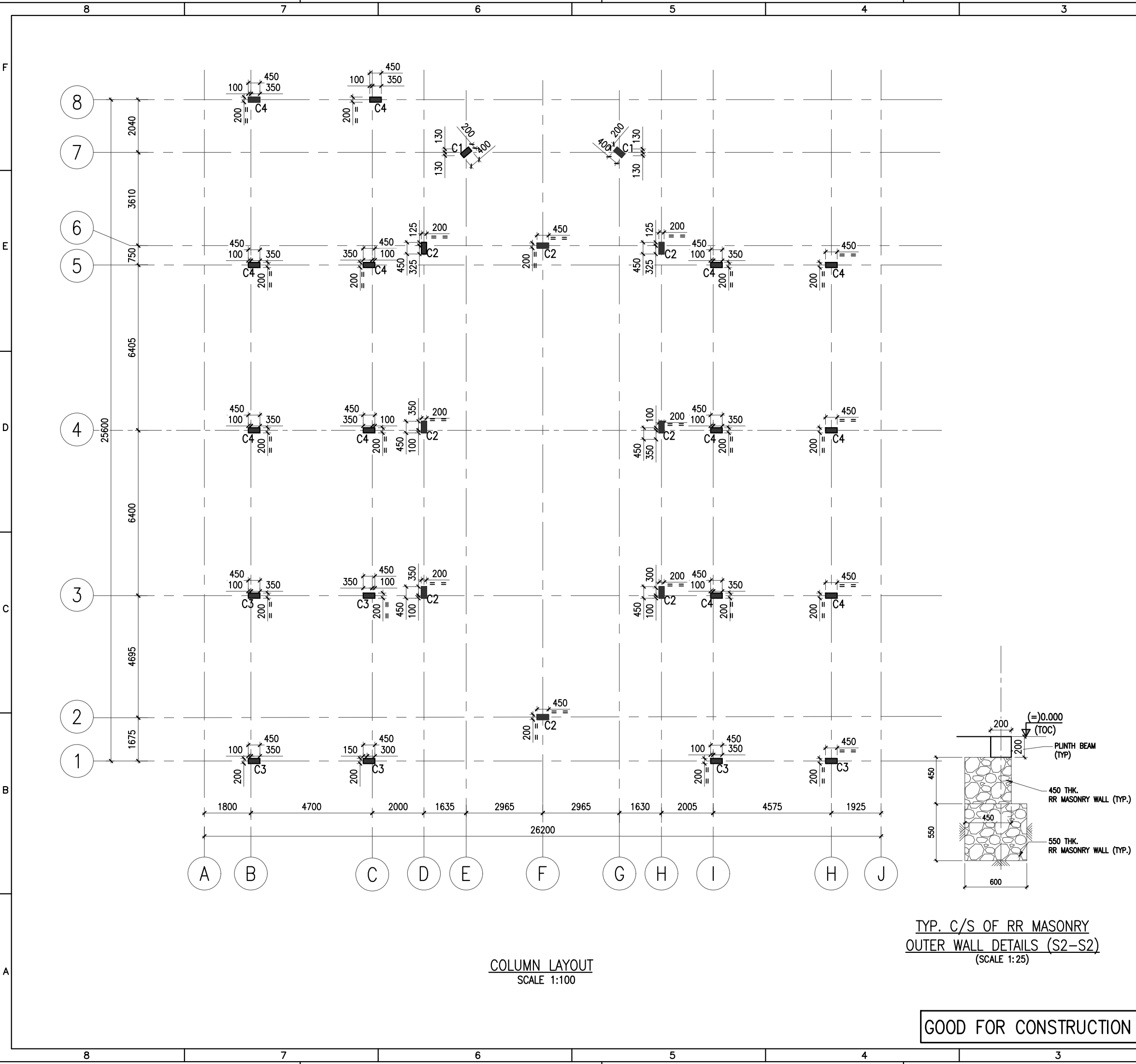
STRUCTURAL CONSULTANT :



WELLFABS ENGINEERING CONSULTANT AND CONTRACTORS
CAPITAL TOWER,
ALUNGAL, PULIKKAL PO,
MALAPPURAM, 673637.
MOB:+91 8943 00 55 88
Email:Wellfabs2020@gmail.com

LOCATION	SIGN & DATE	TITLE :			
PRPD BY	MRF DATE 22.03.2024	SCHEDULE OF FOOTING & COLUMN			
CHKD BY	SHK DATE 22.03.2024				
APPVD BY	MNK DATE 22.03.2024				
SHEET SIZE: A3		SCALE	1:100	SHEET	02 OF 17
ISSUED FOR		W & F DRG. NO :-	WF-24-AR-ASA-115C-S02		
ISSUED FOR		☐ TENDER	☐ INFORMATION	☐ REVIEW	☐ APPROVAL
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GOOD FOR CONSTRUCTION



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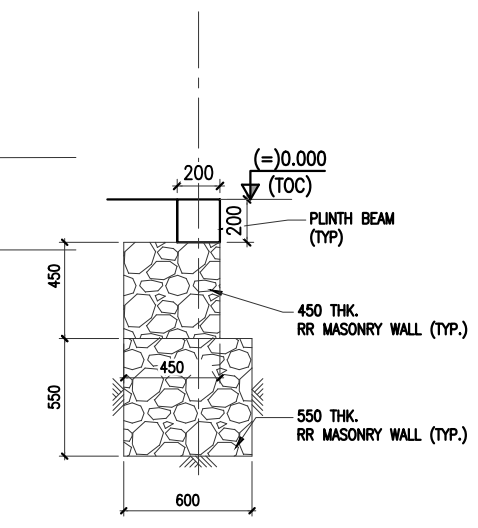


STRUCTURAL CONSULTANT :



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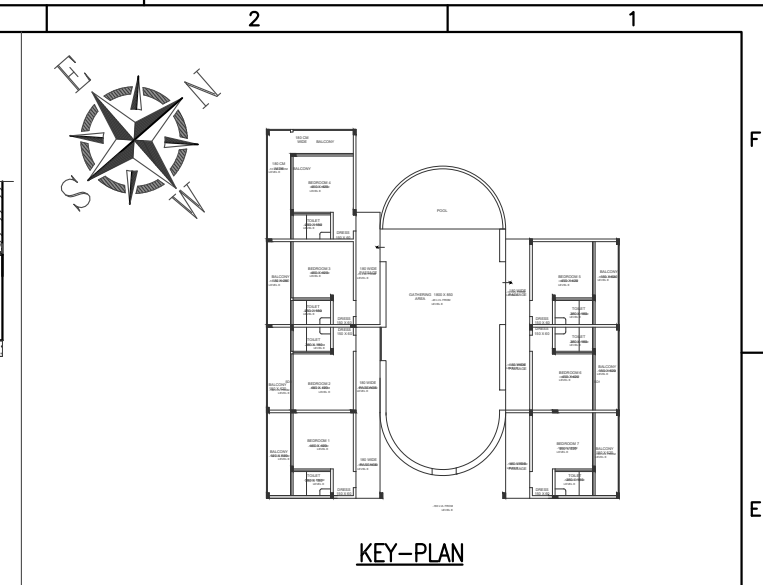
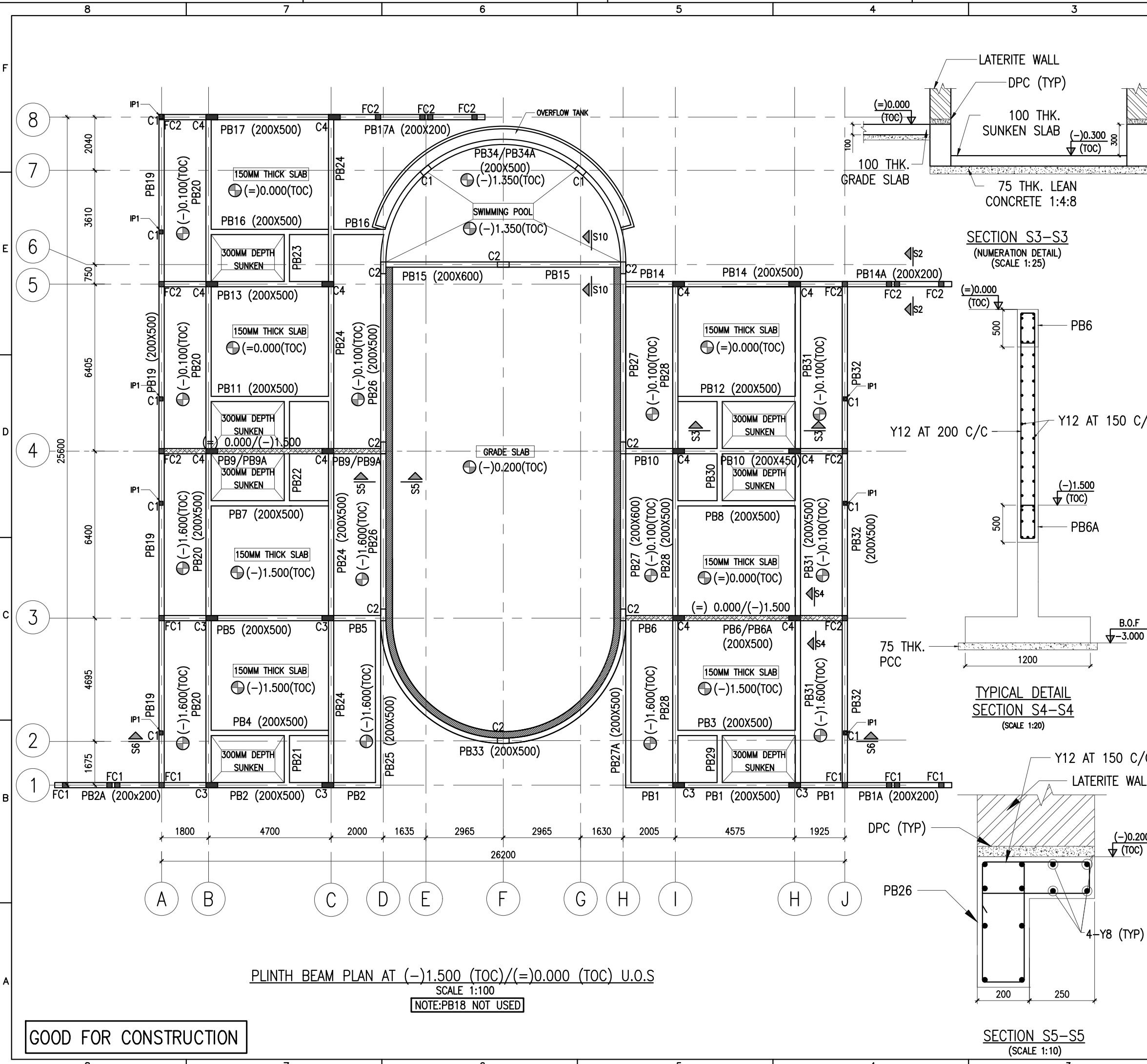
LOCATION	SIGN & DATE	TITLE :			
PRPD BY	MRF	LAYOUT OF COLUMN			
DATE	22.03.2024				
CHKD BY	SHK				
DATE	22.03.2024				
APPVD BY	MNK	SCALE	1:100	SHEET	03 OF 17
DATE	22.03.2024	W & F DRG. NO :-			
SHEET SIZE: A3		WF-24-AR-ASA-115C-S03			
ISSUED FOR	☐ TENDER	☐ INFORMATION	☐ REVIEW	☐ APPROVAL	☒ CONSTRUCTION
		☐ AS BUILT			



TYP. C/S OF RR MASONRY
OUTER WALL DETAILS (S2-S2)
(SCALE 1:25)

GOOD FOR CONSTRUCTION

COLUMN LAYOUT
SCALE 1:100



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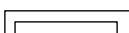
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REVISIONS					

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ARCHITECT : ASLAM SHAM



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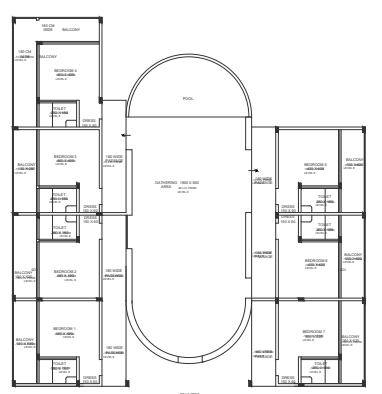
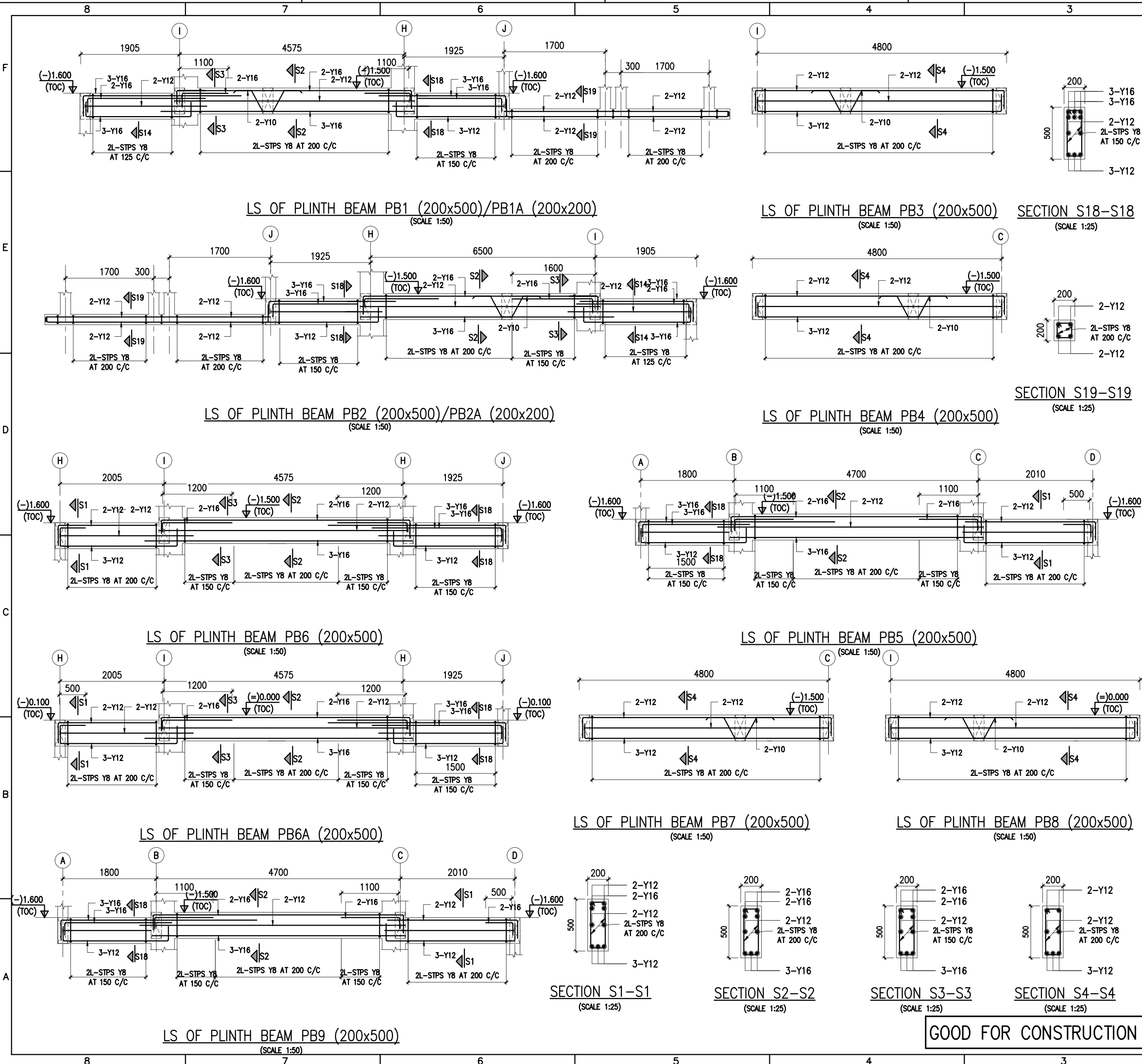
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WELL FABS

Engineering Consultants & Contractors

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LOCATION	SIGN & DATE	TITLE : <u>LAYOUT OF PLINTH BEAM</u>						
PRPD BY	MRF							
	DATE 22.03.2024							
CHKD BY	SHK							
	DATE 22.03.2024							
APPVD BY	MNK	SCALE	1:100	SHEET	04 OF 17	REV	00	
	DATE 22.03.2024	W & F DRG. NO :- WF-24-AR-ASA-115C-S04						
SHEET SIZE: A3								
ISSUED FOR	☐ TENDER	☐ INFORMATION	☐ REVIEW	☐ APPROVAL	☒ CONSTRUCTION	☐ AS BUILT		



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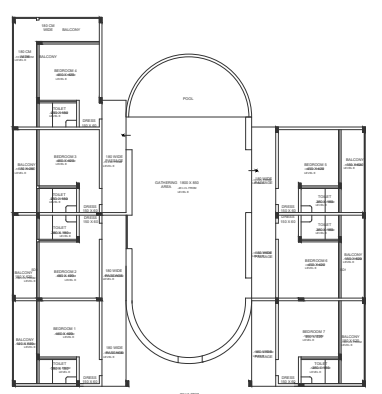
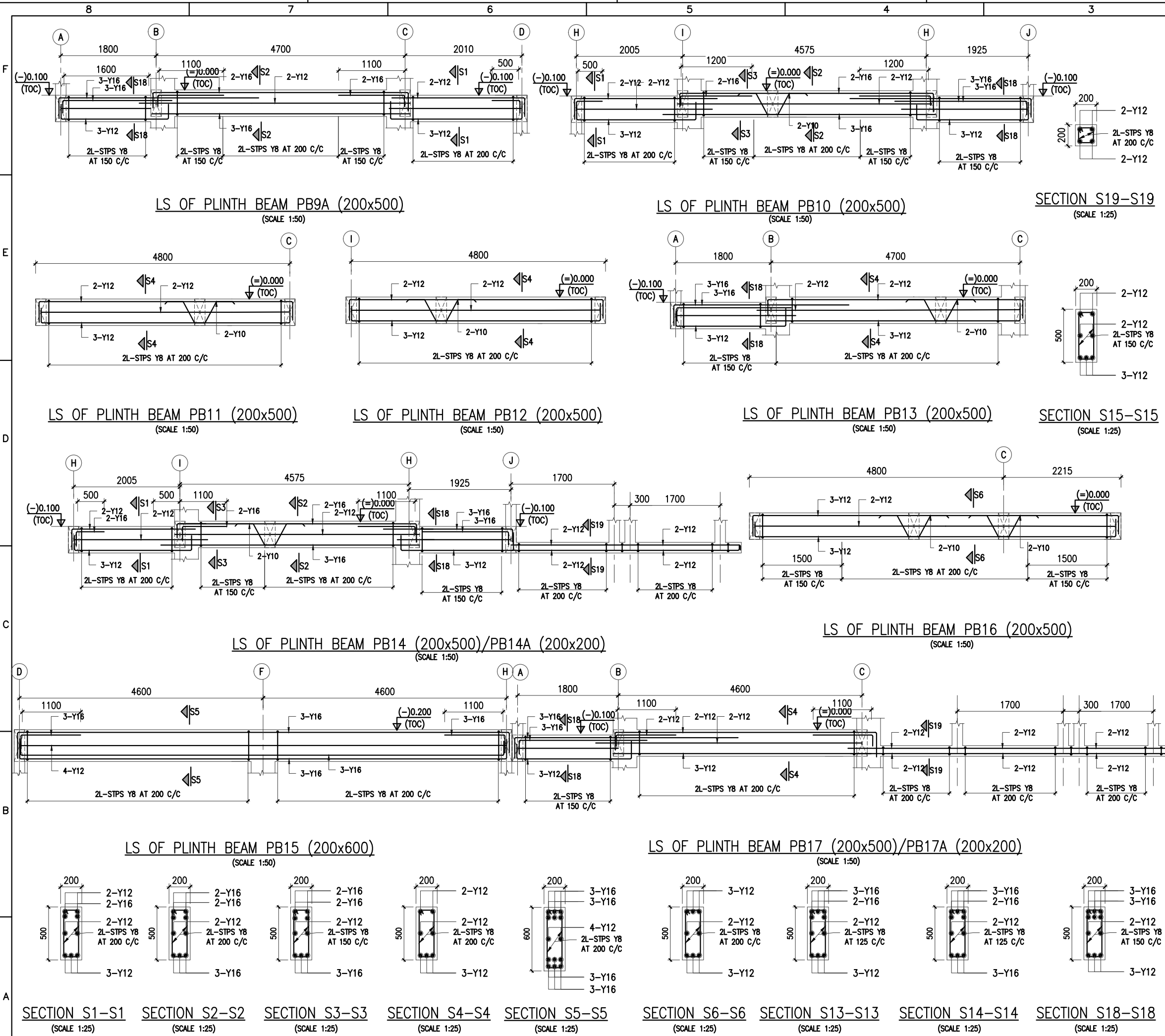
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APPVD BY	MNK	
SHEET SIZE: A3	SCALE: 1:100	SHEET: 05 OF 17
ISSUED FOR	DATE: 22.03.2024	REV: 00
	DATE: 22.03.2024	W & F DRG. NO :-
		WF-24-AR-ASA-115C-S05
		AS BUILT



KEY-PLAN

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BEAMS : 25 MM
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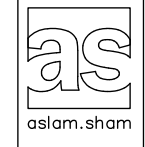
MOHAMMED NAHEEM KP, M.E (Structural Engineering)
Chartered Engineer (India-M-1750121)
Engineer-A (Kerala-E-2050/08/21032/KKD/749)

0	09-05-24	ISSUED FOR CONSTRUCTION	MRF	SHK	MNK
REV	DATE	REVISION DESCRIPTION	PRPD BY	CHKD BY	APPVD BY

REVISIONS

PROJECT : ASTANA RESORT - 7BHK VILLA WITH POOL

ARCHITECT : ASIAM SHAM



asiam.sham

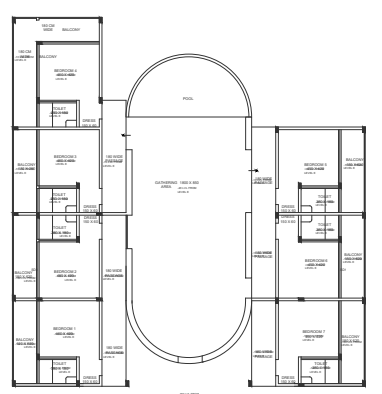
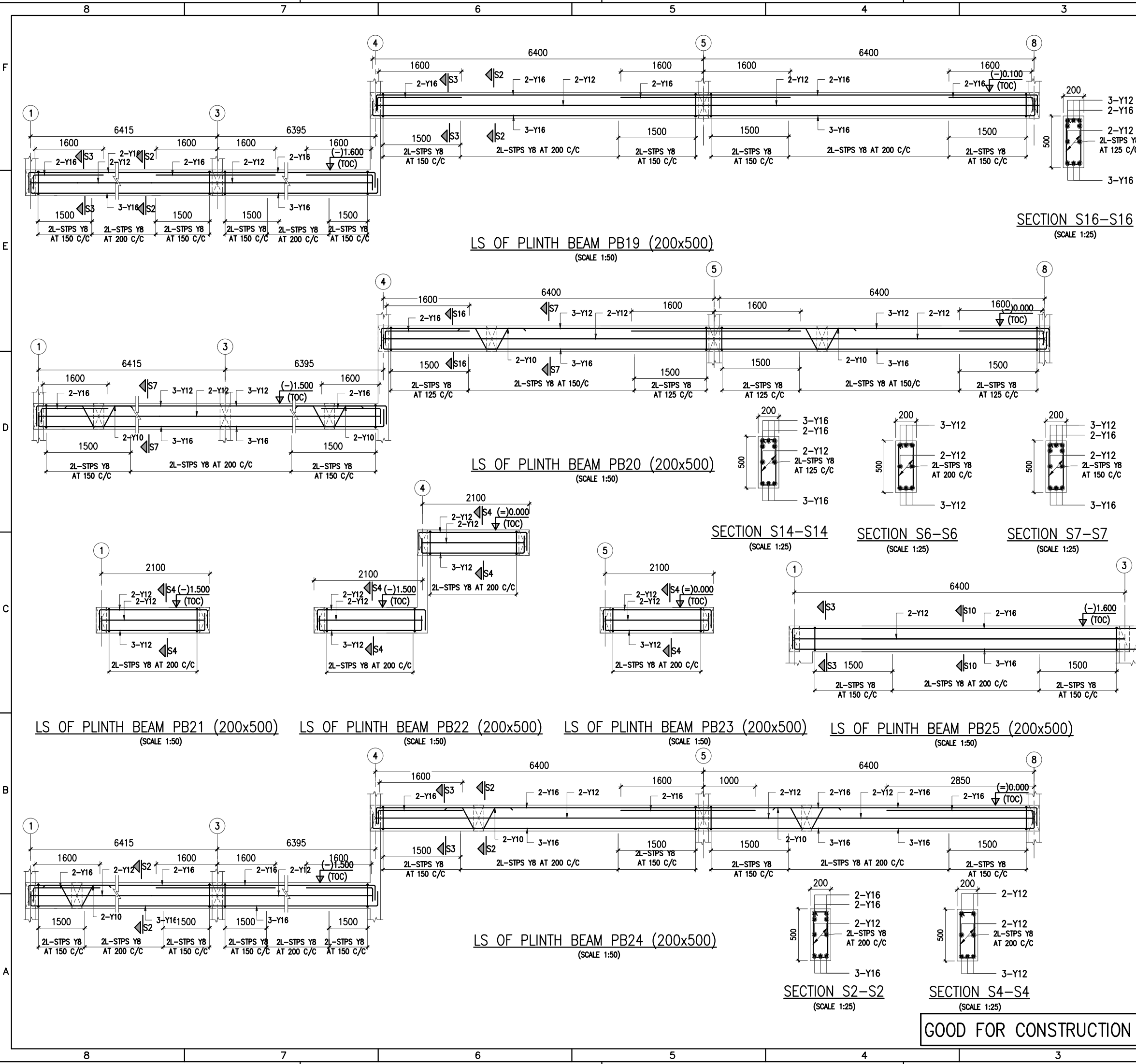
STRUCTURAL CONSULTANT :



WELLFABS ENGINEERING CONSULTANT AND CONTRACTORS
CAPITAL TOWER,
ALUNGAL, PULIKKAL PO,
MALAPPURAM, 673637.
MOB:+91 8943 00 55 88
Email:Wellfabs2020@gmail.com

LOCATION	SIGN & DATE	TITLE :
PRPD BY	MRF DATE 22.03.2024	LS OF PLINTH BEAM
CHKD BY	SHK DATE 22.03.2024	
APPVD BY	MNK DATE 22.03.2024	
SHEET SIZE: A3	SCALE 1:100 SHEET 06 OF 17 REV 00	
ISSUED FOR ☐ TENDER ☐ INFORMATION ☐ REVIEW ☐ APPROVAL ☒ CONSTRUCTION ☐ AS BUILT		W & F DRG. NO :- WF-24-AR-ASA-115C-S06

GOOD FOR CONSTRUCTION



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Engineer-A (Kerala-E-2050/08/21032/KKD/749)

0	09-05-24	ISSUED FOR CONSTRUCTION	MRF	SHK	MNK
REV	DATE	REVISION DESCRIPTION	PRPD BY	CHKD BY	APPVD BY

PROJECT : ASTANA RESORT - 7BHK VILLA WITH POOL

ARCHITECT : ASLAM SHAM

aslam.sham

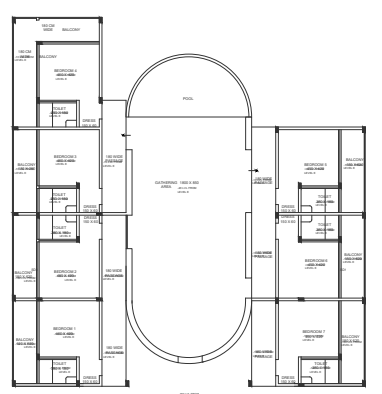
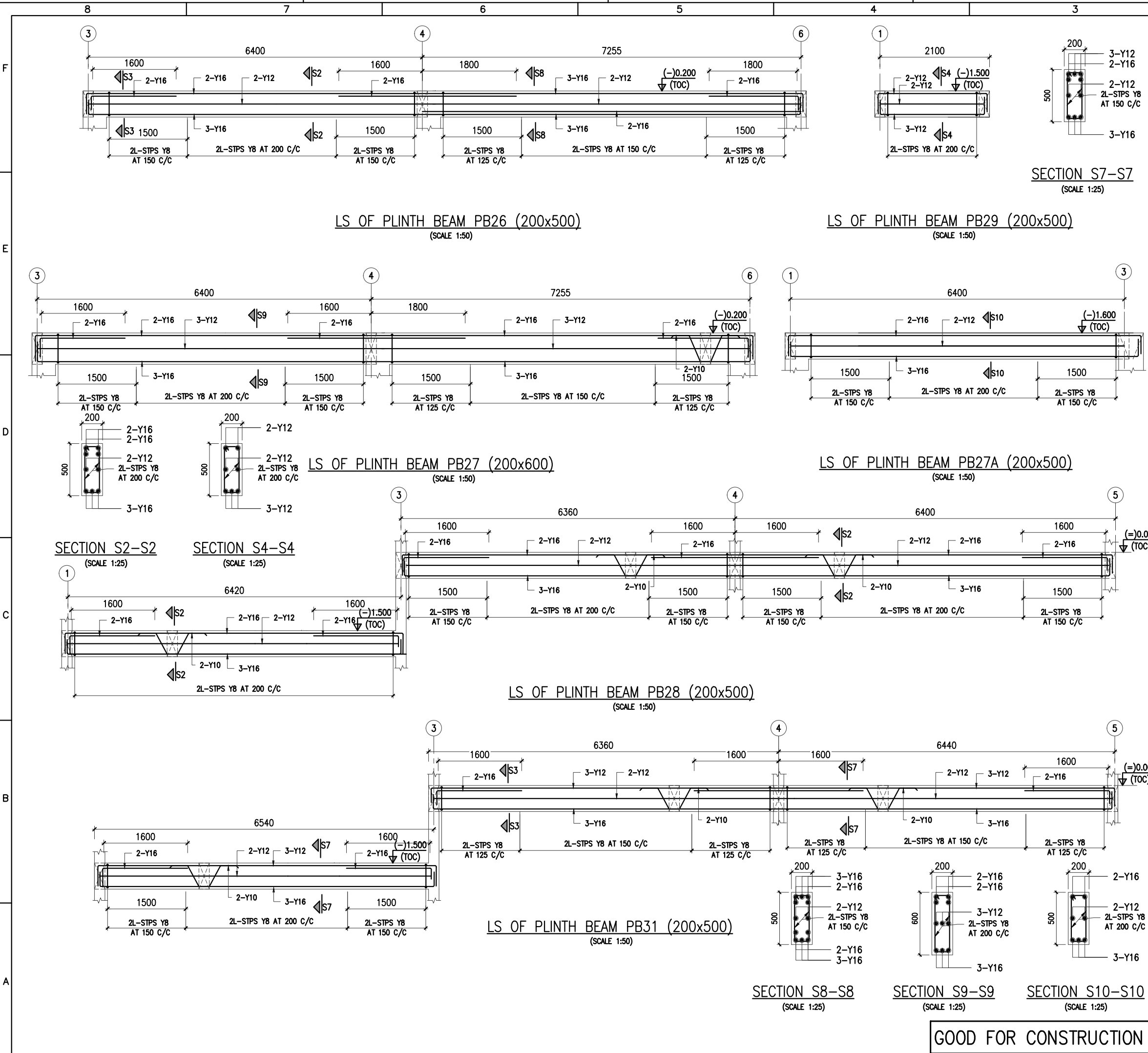
STRUCTURAL CONSULTANT :

WELLFABS
Engineering Consultants & Contractors

WELLFABS ENGINEERING CONSULTANT AND CONTRACTORS
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LOCATION	SIGN & DATE	TITLE :
PRPD BY	MRF	LS OF PLINTH BEAM
CHKD BY	SHK	
APPVD BY	MNK	
DATE	22.03.2024	
DATE	22.03.2024	
DATE	22.03.2024	
SHEET SIZE:	A3	WF-24-AR-ASA-115C-S07
ISSUED FOR	☐ TENDER ☐ INFORMATION ☐ REVIEW ☐ APPROVAL ☒ CONSTRUCTION ☐ AS BUILT	

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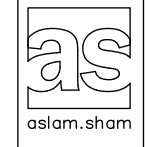
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0	09-05-24	ISSUED FOR CONSTRUCTION	MRF	SHK	MNK
REV	DATE	REVISION DESCRIPTION	PRPD BY	CHKD BY	APPVD BY

REVISIONS

PROJECT : ASTANA RESORT - 7BHK VILLA WITH POOL

ARCHITECT : ASLAM SHAM



STRUCTURAL CONSULTANT :

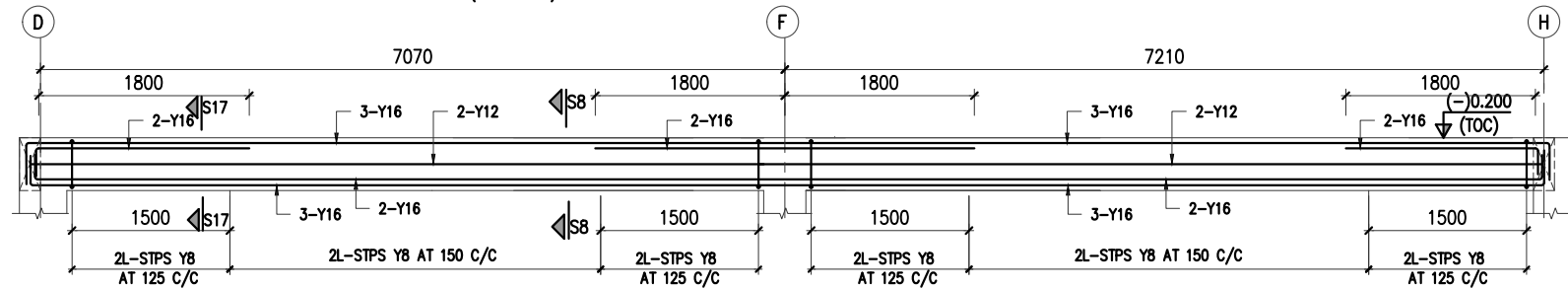
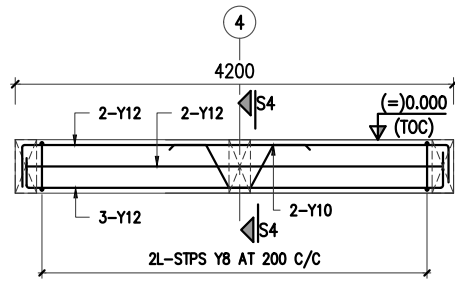
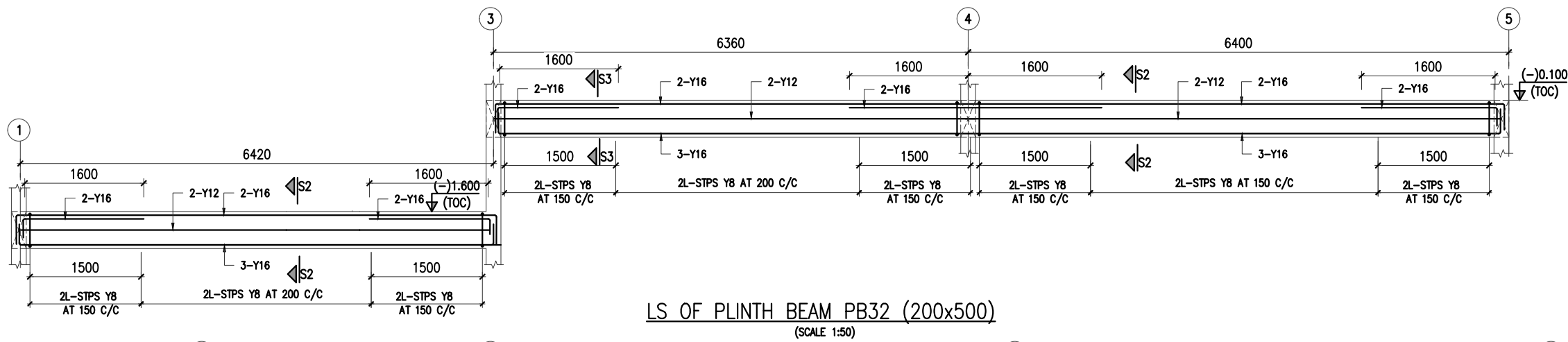


WELLFABS
Engineering Consultants & Contractors

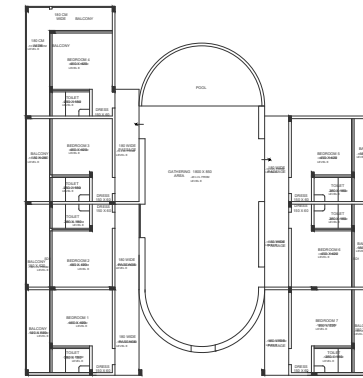
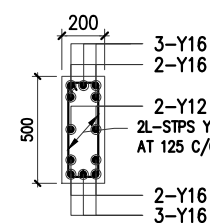
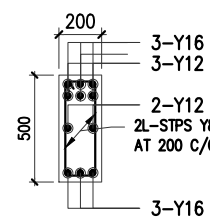
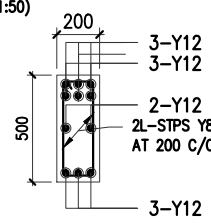
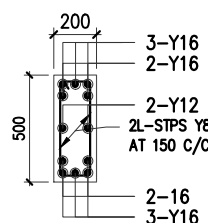
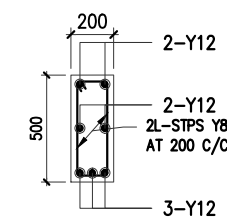
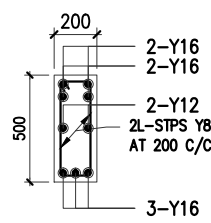
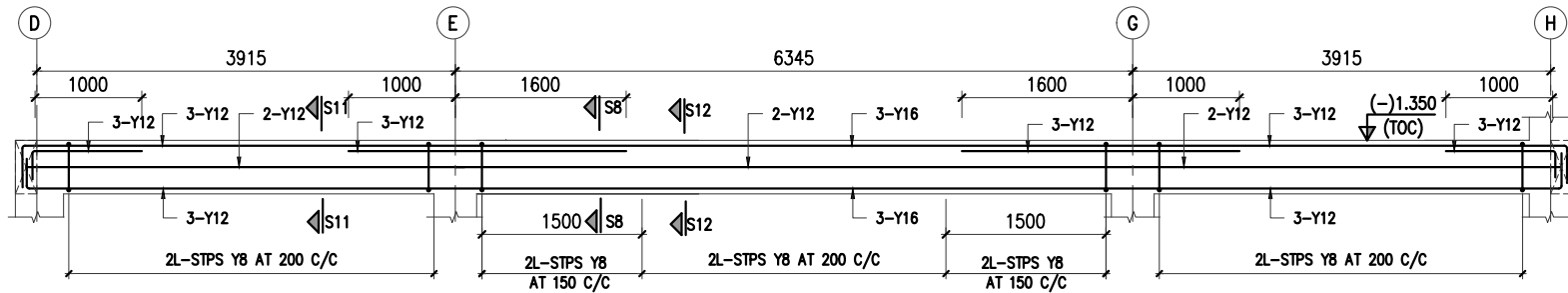
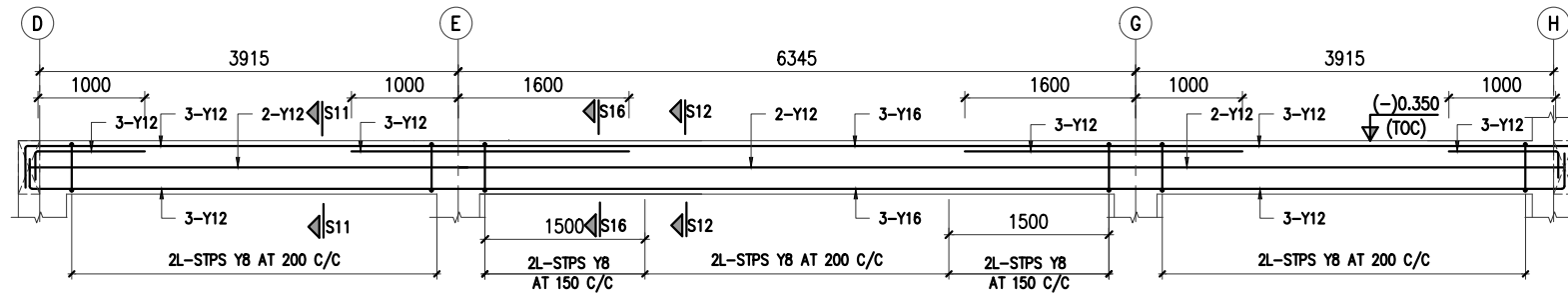
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LOCATION		SIGN & DATE		TITLE : <u>LS OF PLINTH BEAM</u>											
PRPD BY		MRF													
		DATE 22.03.2024													
CHKD BY		SHK													
		DATE 22.03.2024													
PPVD BY		MNK		SCALE		1:100		SHEET		08 OF 17		REV		00	
		DATE 22.03.2024		W & F DRG. NO :-											
SHEET SIZE: A3				WF-24-AR-ASA-115C-S08											
ISSUED FOR		☐ TENDER		☐ INFORMATION		☐ REVIEW		☐ APPROVAL		☒ CONSTRUCTION		☐ AS BUILT			

GOOD FOR CONSTRUCTION



LS OF PLINTH BEAM PB30 (200x500)
(SCALE 1:50)



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REVISIONS

PROJECT : ASTANA RESORT - 7BHK VILLA WITH POOL

ARCHITECT : ASLAM SHAM



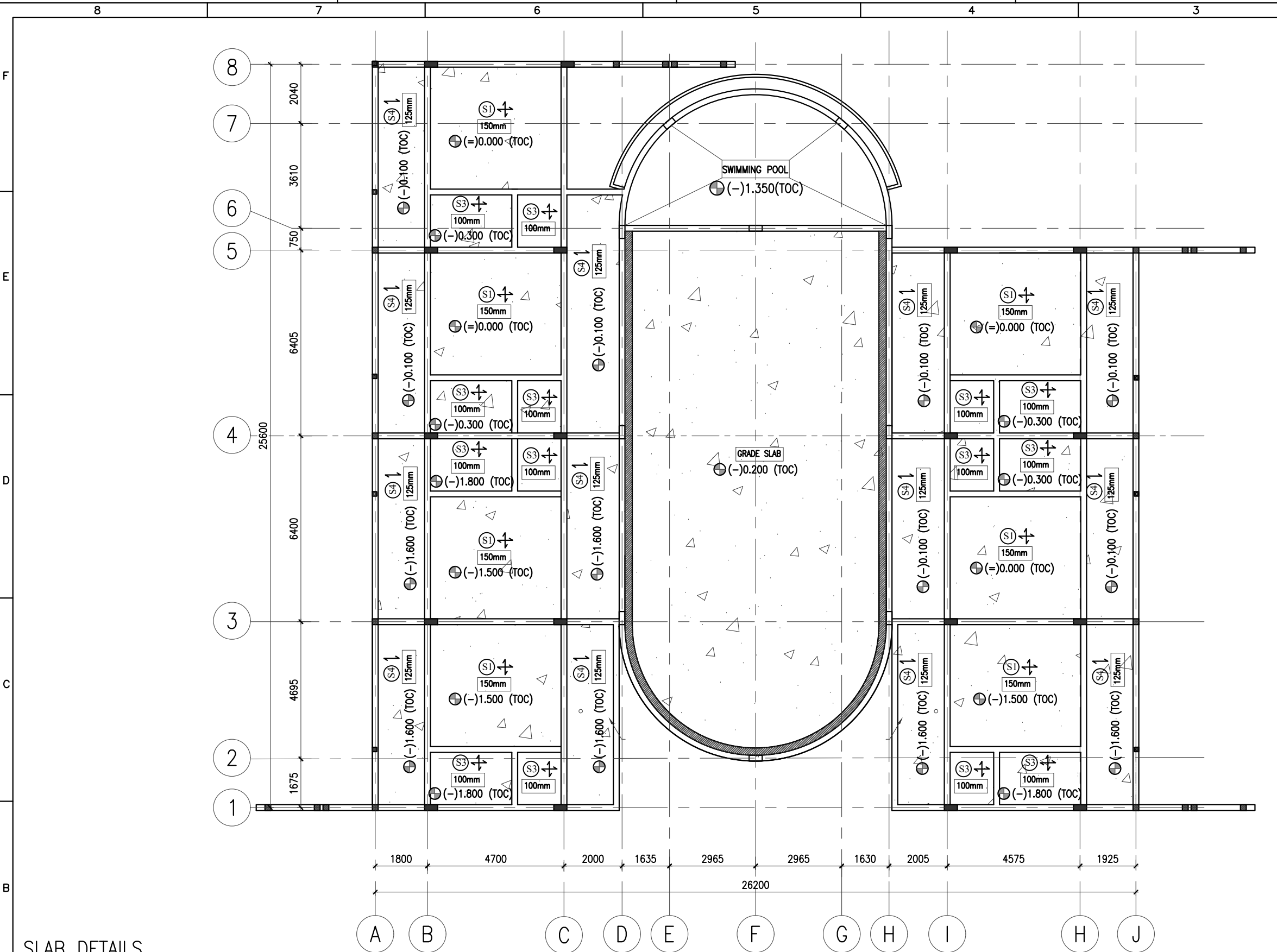
STRUCTURAL CONSULTANT :



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CAPITAL TOWER,
ALUNGAL, PULIKKAL PO,
MALAPPURAM, 673637.
MOB:+91 8943 00 55 88
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LOCATION	SIGN & DATE	TITLE :
PRPD BY	MRF DATE 22.03.2024	LS OF PLINTH BEAM
CHKD BY	SHK DATE 22.03.2024	
APPVD BY	MNK DATE 22.03.2024	
SHEET SIZE: A3		
ISSUED FOR	☐ TENDER ☐ INFORMATION ☐ REVIEW ☐ APPROVAL ☒ CONSTRUCTION ☐ AS BUILT	SCALE 1:100 SHEET 09 OF 17 REV 00 W & F DRG. NO :- WF-24-AR-ASA-115C-S09

GOOD FOR CONSTRUCTION

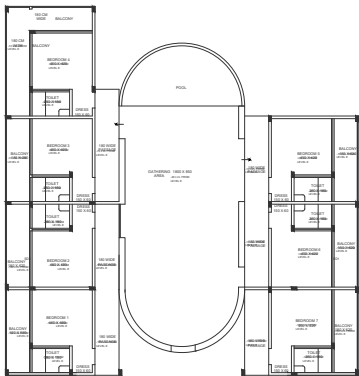


SLAB DETAILS

PANELS	SLAB CONDITION	THICKNESS	MAIN BAR	DISTRIBUIONM
S1	TWO WAY ↗↘	150	Y10 AT 200 C/C	Y10 AT 200 C/C
S2	ONE WAY ↓	150	Y10 AT 200 C/C	Y10 AT 200 C/C
S3	TWO WAY ↗↘	100	Y8 AT 150 C/C	Y8 AT 150 C/C
S4	ONE WAY ↓	125	Y8 AT 150 C/C	Y8 AT 150 C/C

PLINTH BEAM SLAB LAYOUT AT (-)1.500 (TOC)/(=)0.000 (TOC) U.O.S
SCALE 1:100

GOOD FOR CONSTRUCTION



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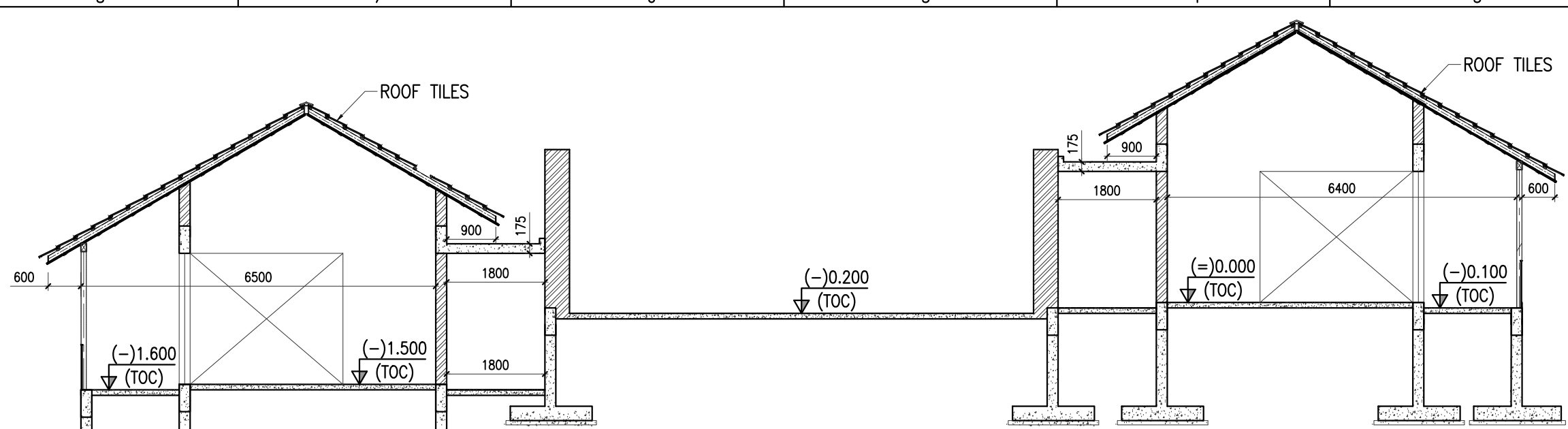


STRUCTURAL CONSULTANT :

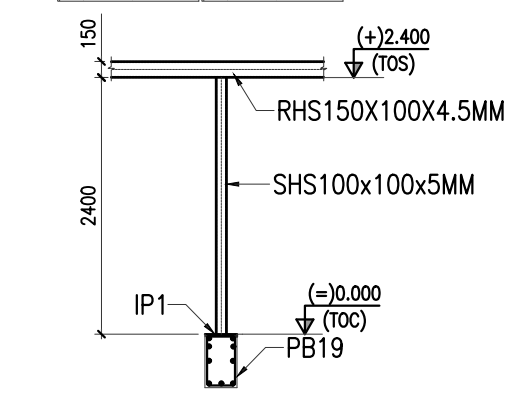


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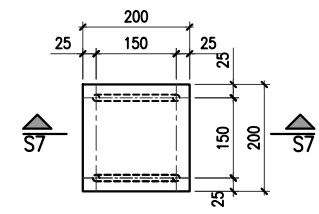
LOCATION	SIGN & DATE	TITLE : LAYOUT OF PLINTH BEAM SLAB			
PRPD BY	MRF DATE 22.03.2024				
CHKD BY	SHK DATE 22.03.2024				
APPVD BY	MNK DATE 22.03.2024	SCALE	1:100	SHEET	10 OF 17
		W & F DRG. NO :-		REV	00
SHEET SIZE: A3		WF-24-AR-ASA-115C-S010			
ISSUED FOR		☐ TENDER	☐ INFORMATION	☐ REVIEW	☐ APPROVAL
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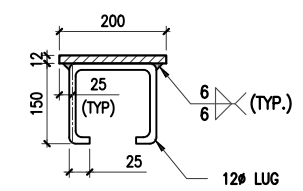
SECTION S6-S6
(SCALE 1:150)



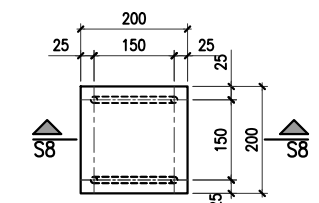
TYPICAL DETAIL OF COLUMN 'C1'
(SCALE 1:50)



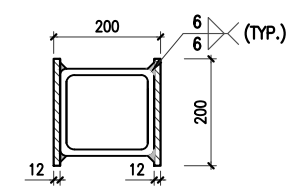
DETAIL OF
INSERT PLATE IP1 (12 Nos)
(SCALE 1:10)



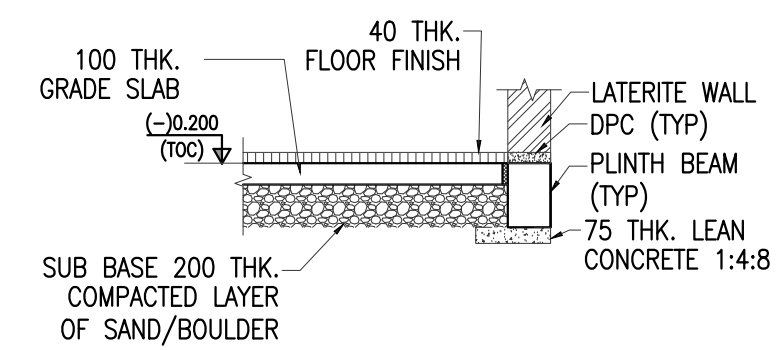
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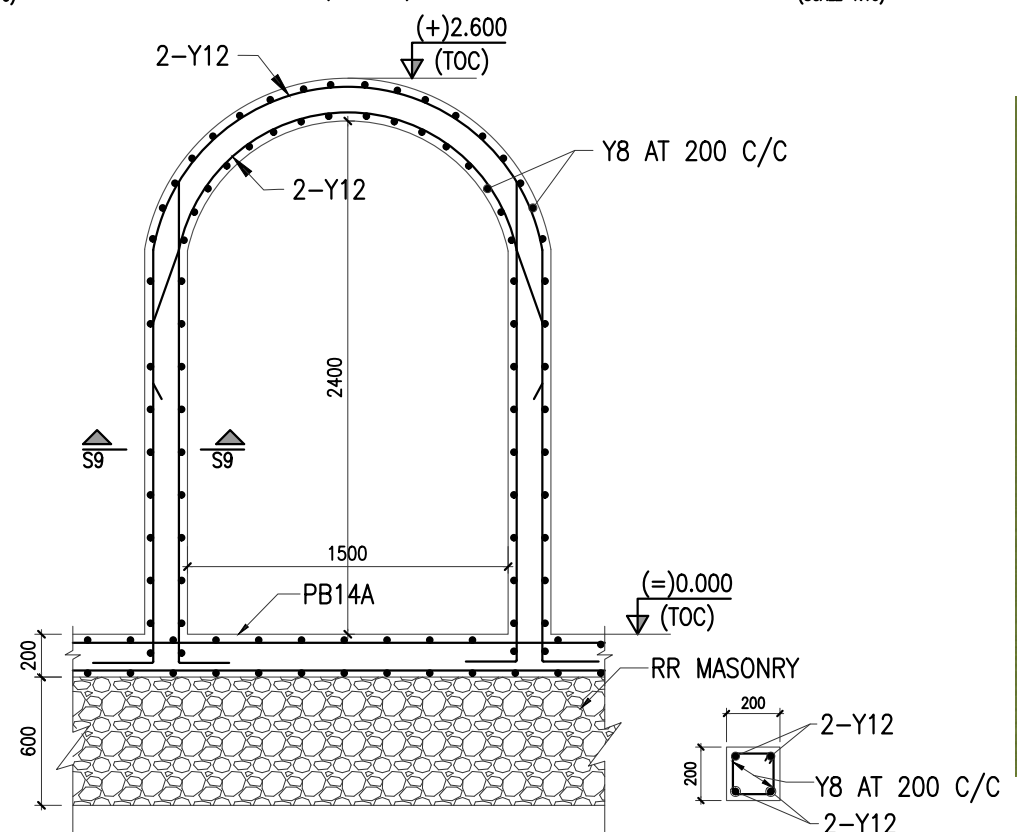
DETAIL OF
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(SCALE 1:10)



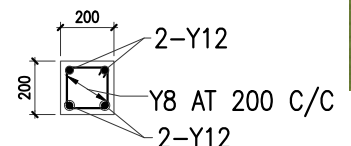
SECTION S8-S8
(SCALE 1:10)



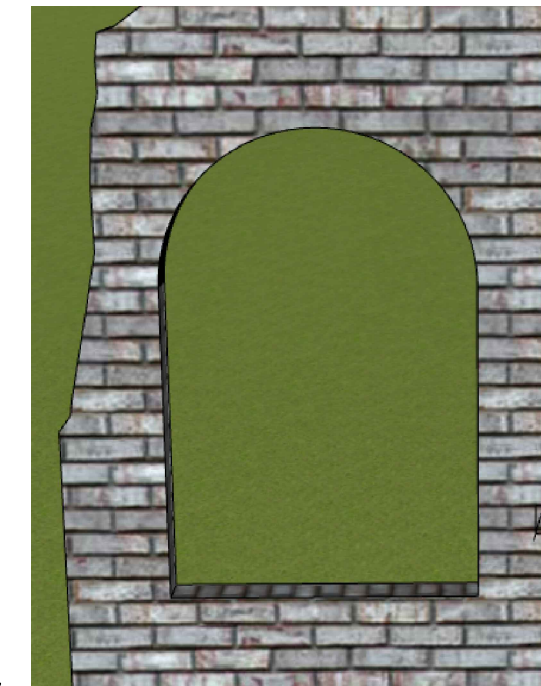
SECTION S10-S10
(NUMERATION & RC DETAIL)
(SCALE 1:25)



TYPICAL DETAIL FOR
LINTEL BEAM ARCH
SCALE 1:25

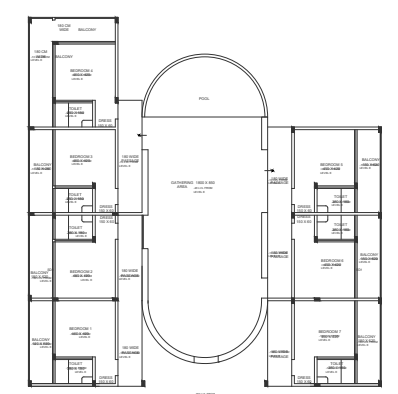
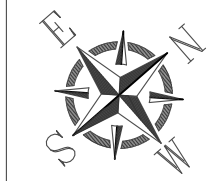


SECTION S9-S9
SCALE 1:20



3D ARCH VIEW

GOOD FOR CONSTRUCTION



KEY-PLAN

- NOTES:-
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 4. GRADE OF CONCRETE SHALL BE M20 (1:1.5:3)
 5. MINIMUM CEMENT CONTENT SHOULD BE 350KG/M3 & RECOMMENDED CEMENT:OPC 53 Grade
 6. Y INDICATES HIGH YIELD STRENGTH DEFORMED BARS OF GRADE FE500 CONFORMING TO IS:1786
 7. LAPS SHALL BE STAGGERED AND LAP LENGTH SHALL BE 50 TIMES THE DIAMETER OF BAR FOR M20 GRADE.
 8. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE:
FOOTINGS AND BASE SLAB : 50 MM
COLUMNS : 40 MM
BEAMS : 25 MM
FLOOR/ROOF/GRADE SLABS (BUILDINGS) : 20 MM
 9. REINFORCEMENT BARS SHALL BE SUITABLY CUT AND TRIMMED AT OPENINGS AND CUTOUT LOCATIONS.
 10. AT ALL STAGES OF CONCRETING PROPER CARE SHALL BE TAKEN TO PREVENT UPLIFT OF THE PORTION ALREADY CONSTRUCTED.
 11. ALL DISTURBED SOIL/FILL SOIL/LOOSE POCKETS OVER EXCAVATED PORTION ENCOUNTERED DURING EXCAVATION BELOW FOUNDING LEVEL SHALL BE FILLED WITH NOMINAL MIX OF 1:4:8 LEAN CONCRETE.
 12. FOUNDATIONS ARE DESIGNED BASED ON SOIL REPORT AND THE RECOMMENDED SBC 250 KN/M2 AT 1.5MTR DEPTH FROM EXISTING GROUND LEVEL.
 13. THE CONCRETE SHALL HAVE WATER PROOFING ADMIXTURES CONFORMING TO IS 2845:1975
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 15. THIS STRUCTURAL DRAWINGS SUPERSEDES ALL THE RELATED DRAWINGS ISSUED TO THE SITE ON AN EARLIER DATE.

SPACE FOR SEAL & SIGNATURE

MOHAMMED NAHEEM KP, M.E (Structural Engineering)
Chartered Engineer (India-M-1750121)
Engineer-A (Kerala-E-2050/08/21032/KKD/749)

0	09-05-24	ISSUED FOR CONSTRUCTION	MRF	SHK	MNK
REV	DATE	REVISION DESCRIPTION	PRPD BY	CHKD BY	APPVD BY

REVISIONS

PROJECT : ASTANA RESORT - 7BHK VILLA WITH POOL

ARCHITECT : ASLAM SHAM

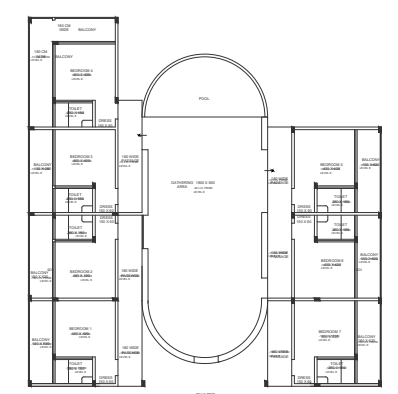
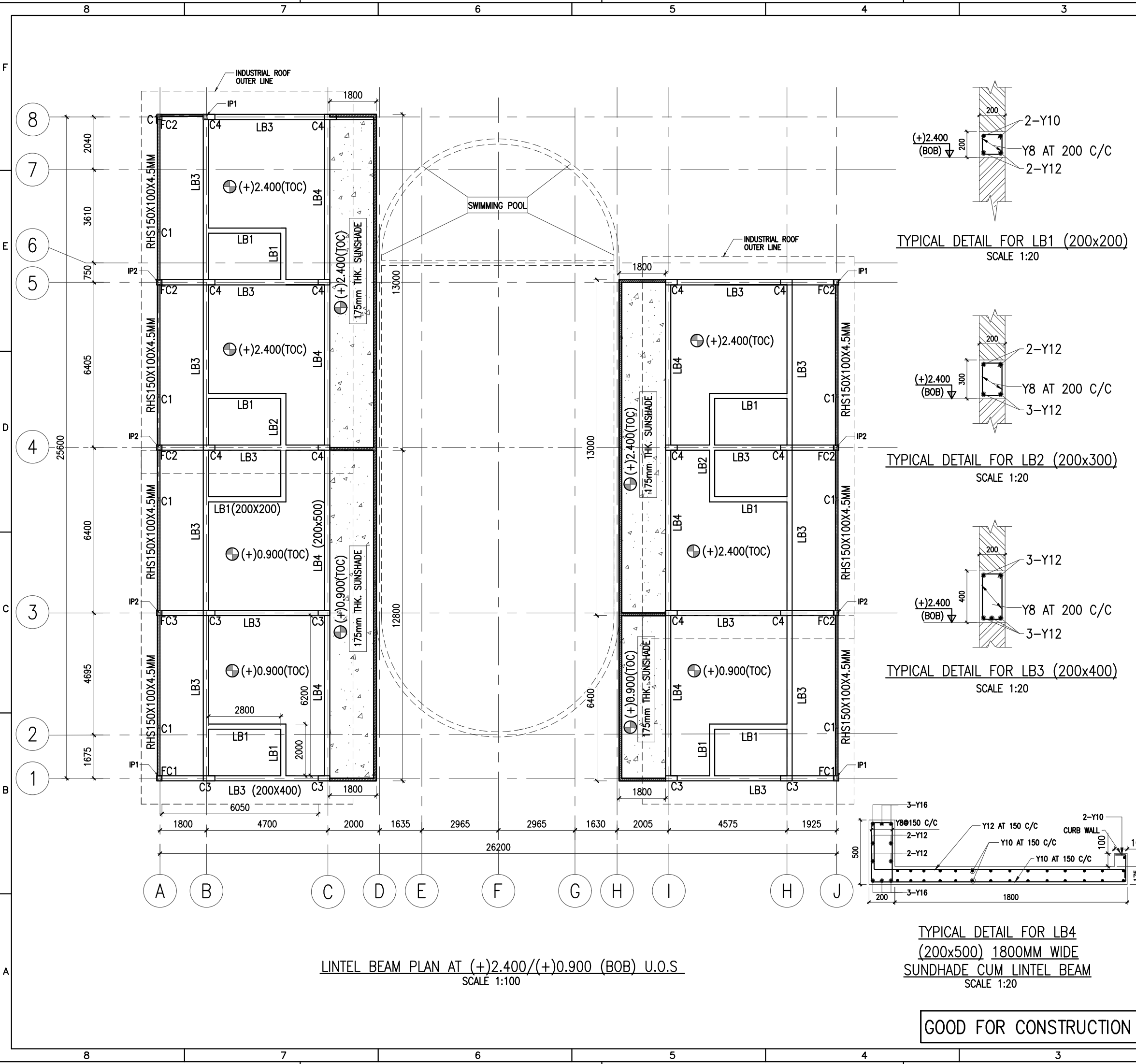


STRUCTURAL CONSULTANT :

WELLFABS
Engineering Consultants & Contractors

WELLFABS ENGINEERING CONSULTANT AND CONTRACTORS
CAPITAL TOWER,
ALUNGAL, PULIKKAL PO,
MALAPPURAM, 673637.
MOB:+91 8943 00 55 88
Email:Wellfabs2020@gmail.com

LOCATION	SIGN & DATE	TITLE :
PRPD BY	MRF	SECTION OF INSERT PLATE AND ARC LINTEL BEAM DETAILS
DATE	22.03.2024	
CHKD BY	SHK	
DATE	22.03.2024	
APPVD BY	MNK	
DATE	22.03.2024	
SHEET SIZE: A3	SCALE 1:100	SHEET 11 OF 17
ISSUED FOR	W & F DRG. NO :-	WF-24-AR-ASA-115C-S011
☐ TENDER	☐ INFORMATION	☐ REVIEW
☐ APPROVAL	☒ CONSTRUCTION	☐ AS BUILT



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COLUMNS : 40 MM
BEAMS : 25 MM
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0	09-05-24	ISSUED FOR CONSTRUCTION	MRF	SHK	MNK
REV	DATE	REVISION DESCRIPTION	PRPD BY	CHKD BY	APPVD BY

REVISIONS

PROJECT : ASTANA RESORT - 7BHK VILLA WITH POOL

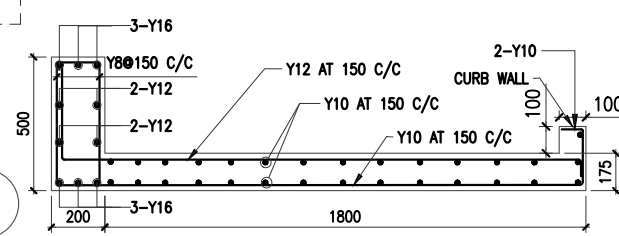
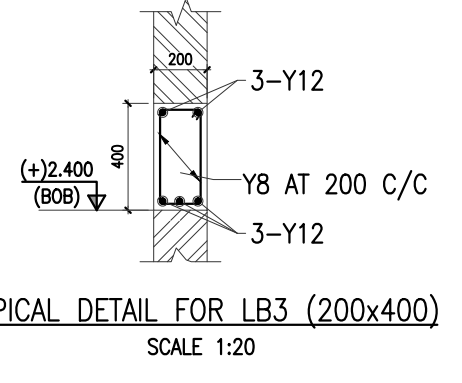
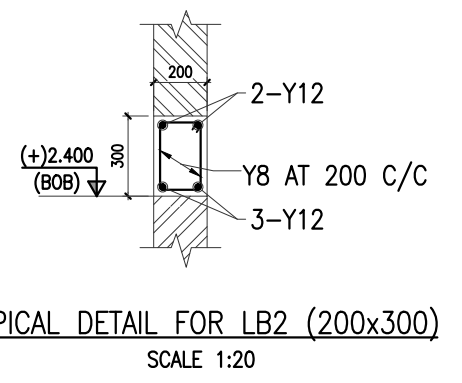
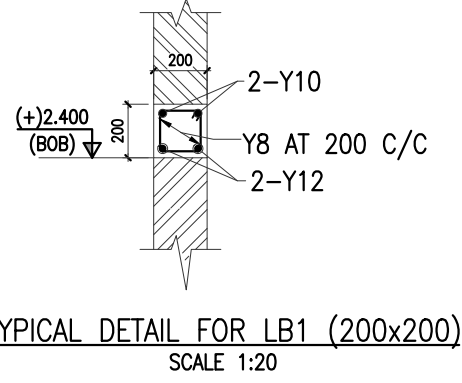
ARCHITECT : ASLAM SHAM

aslam.sham

STRUCTURAL CONSULTANT :

WELLFABS ENGINEERING CONSULTANT AND CONTRACTORS
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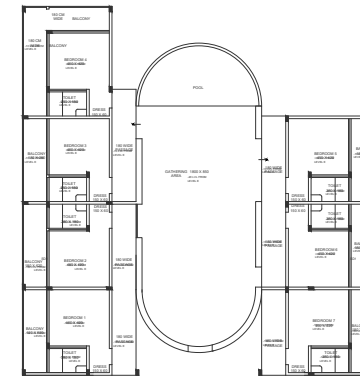
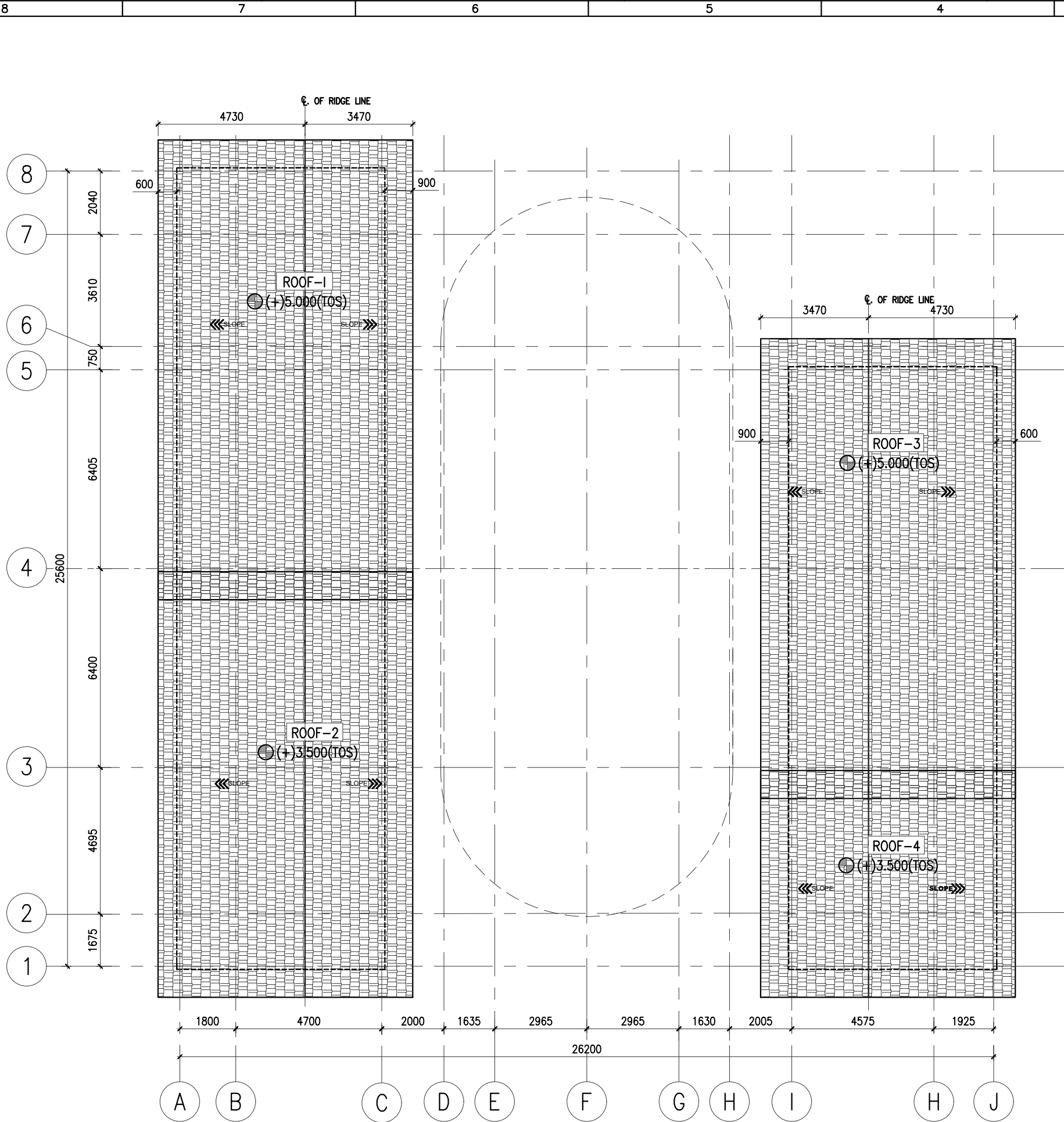
LOCATION	SIGN & DATE	TITLE :
PRPD BY	MRF	LAYOUT OF LINTEL BEAM
CHKD BY	SHK	
APPVD BY	MNK	
DATE	22.03.2024	
DATE	22.03.2024	
DATE	22.03.2024	
SCALE	1:100	SHEET 12 OF 17
W & F DRG. NO :-	WF-24-AR-ASA-115C-S12	REV 00
SHEET SIZE: A3		
ISSUED FOR	☐ TENDER ☐ INFORMATION ☐ REVIEW ☐ APPROVAL ☒ CONSTRUCTION ☐ AS BUILT	



TYPICAL DETAIL FOR LB4
(200x500) 1800MM WIDE
SUNDHADE CUM LINTEL BEAM
SCALE 1:20

GOOD FOR CONSTRUCTION

LINTEL BEAM PLAN AT (+)2.400/(+)0.900 (BOB) U.O.S.
SCALE 1:100



KEY-PLAN

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Chartered Engineer (India-M-1750121)
Engineer-A (Kerala-E-2050/08/21032/KKD/749)

0	09-05-24	ISSUED FOR CONSTRUCTION	MRF	SHK	MNK
REV	DATE	REVISION DESCRIPTION	PRPD BY	CHKD BY	APPVD BY

REVISIONS

PROJECT : ASTANA RESORT - 7BHK VILLA WITH POOL

ARCHITECT : ASLAM SHAM



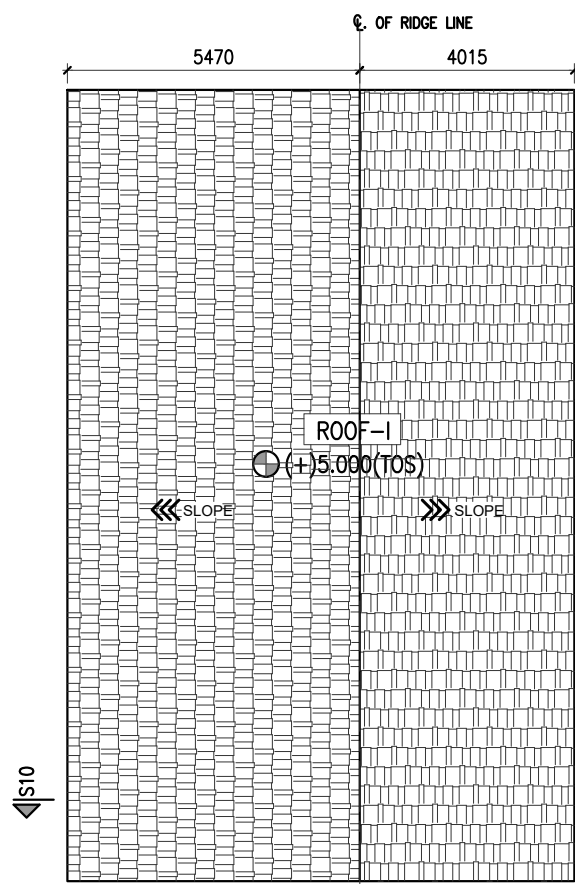
STRUCTURAL CONSULTANT :



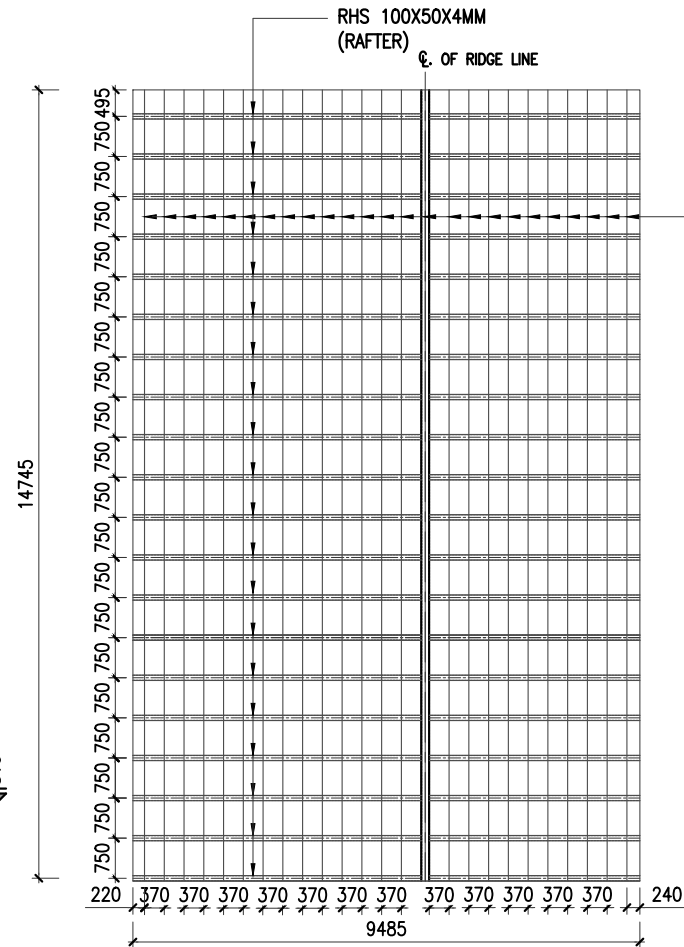
WELLFABS ENGINEERING
CONSULTANT AND CONTRACTORS
CAPITAL TOWER,
ALUNGAL, PULIKKAL PO,
MALAPPURAM, 673637.
MOB:+91 8943 00 55 88
Email:Wellfabs2020@gmail.com

LOCATION	SIGN & DATE	TITLE :
PRPD BY	MRF DATE 22.03.2024	LAYOUT OF INDUSTRIAL ROOF
CHKD BY	SHK DATE 22.03.2024	
APPVD BY	MNK DATE 22.03.2024	
SHEET SIZE: A3	SCALE 1:100	SHEET 13 OF 17
ISSUED FOR	W & F DRG. NO :-	WF-24-AR-ASA-115C-S13
☐ TENDER	☐ INFORMATION	☐ REVIEW
☐ APPROVAL	☒ CONSTRUCTION	☐ AS BUILT

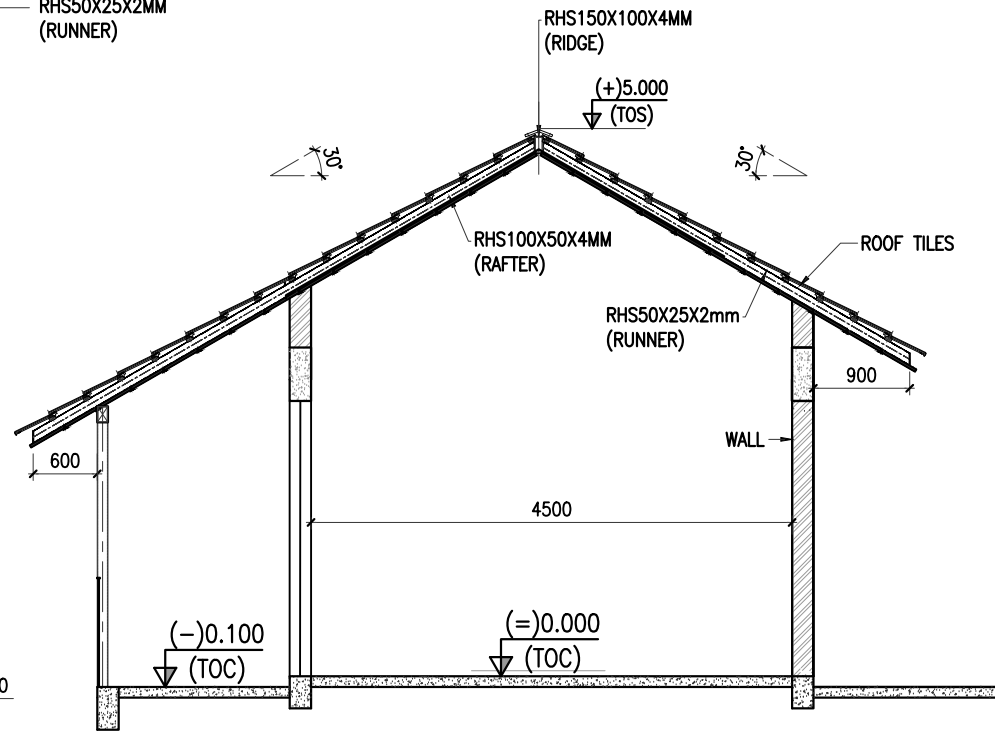
GOOD FOR CONSTRUCTION



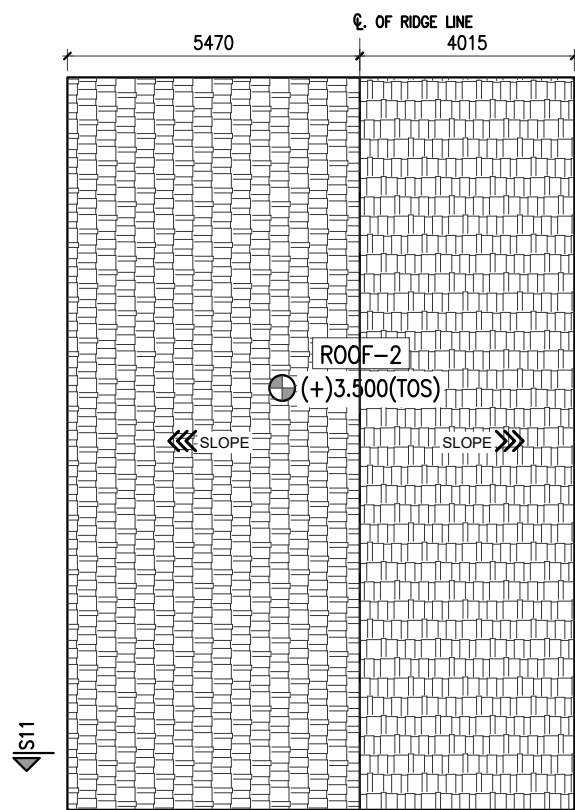
INDUSTRIAL ROOF LAYOUT-01
SCALE 1:100



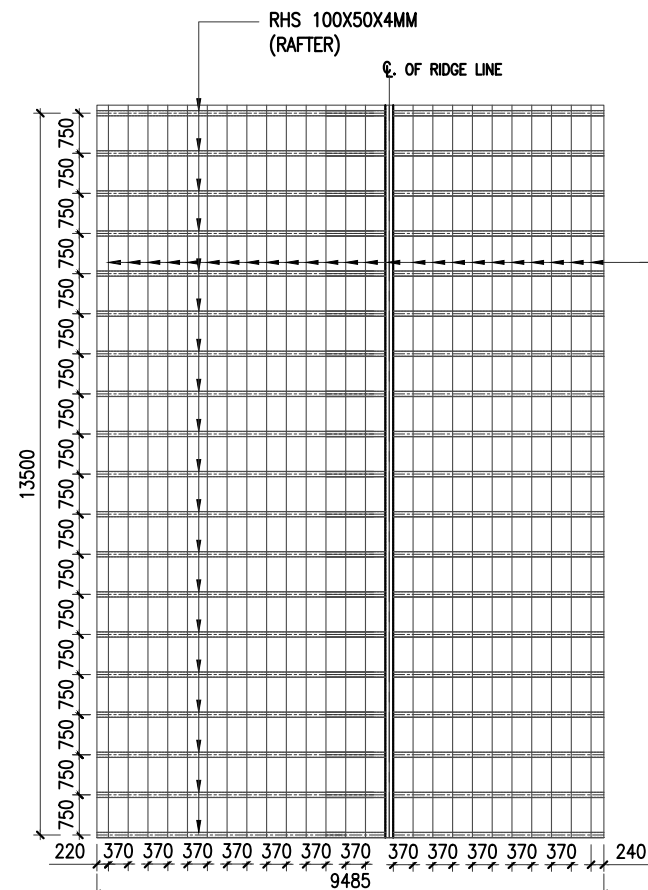
INDUSTRIAL ROOF-01
SCALE 1:100



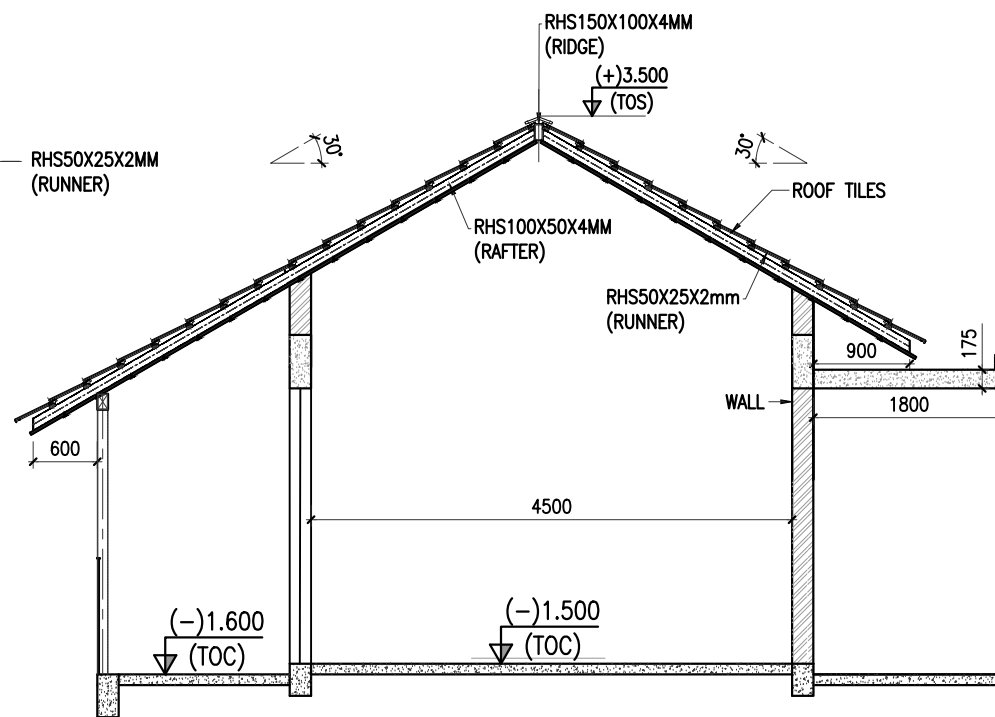
TYPICAL SECTION S10-S10
SCALE 1:50



INDUSTRIAL ROOF LAYOUT-02
SCALE 1:100

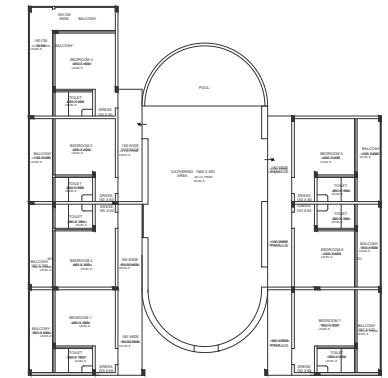


INDUSTRIAL ROOF-02
SCALE 1:100



TYPICAL SECTION S11-S11
(SCALE 1:50)

GOOD FOR CONSTRUCTION



KEY-PLAN

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0	09-05-24	ISSUED FOR CONSTRUCTION	MRF	SHK	MNK
REV	DATE	REVISION DESCRIPTION	PRPD BY	CHKD BY	APPVD BY

REVISIONS

PROJECT : ASTANA RESORT - 7BHK VILLA WITH POOL

ARCHITECT : ASLAM SHAM

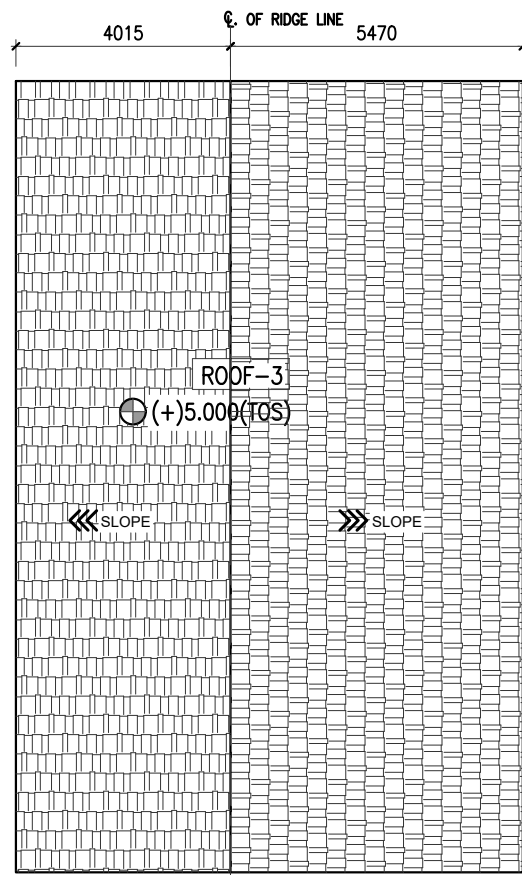


STRUCTURAL CONSULTANT :

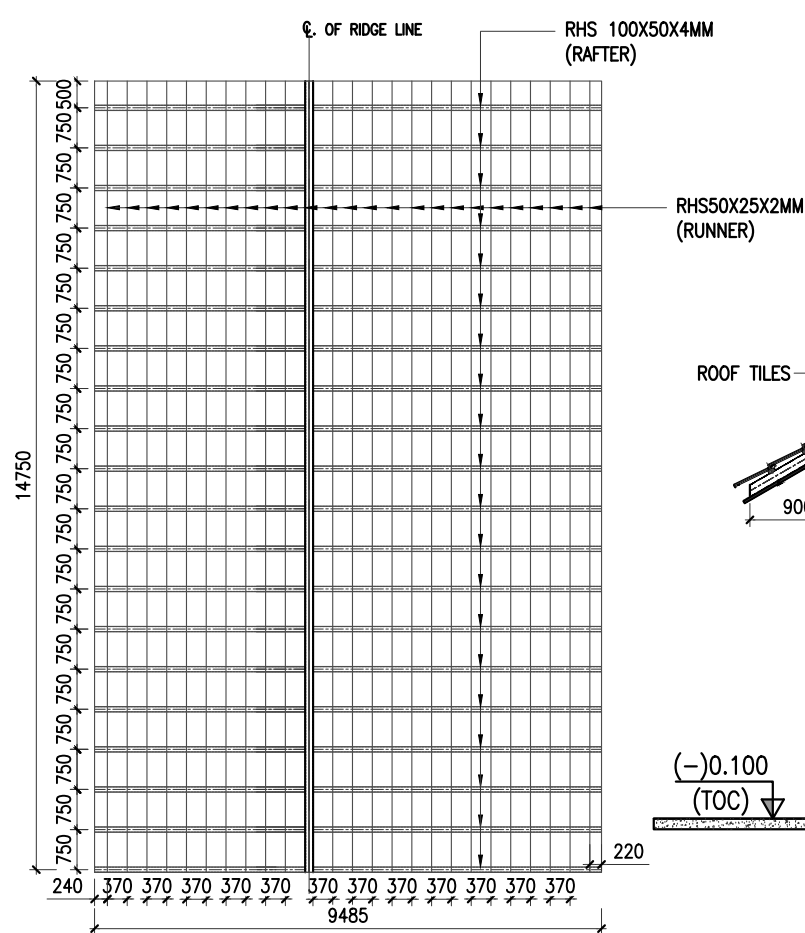


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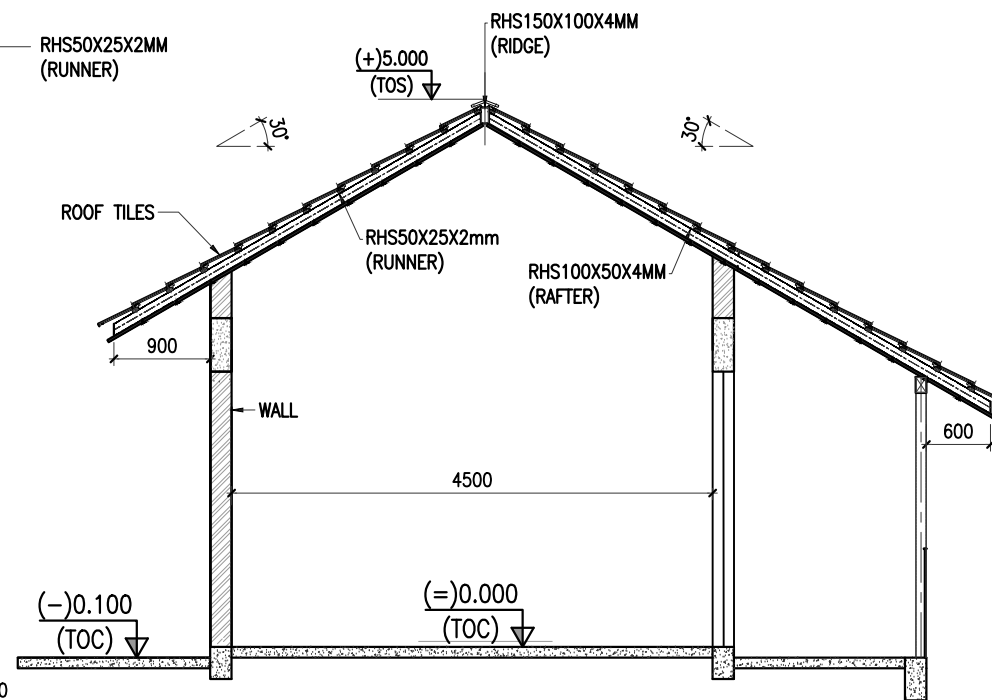
LOCATION	SIGN & DATE	TITLE :
PRPD BY	MRF DATE 22.03.2024	LAYOUT AND SECTION OF INDUSTRIAL ROOF
CHKD BY	SHK DATE 22.03.2024	
APPVD BY	MNK DATE 22.03.2024	
SHEET SIZE: A3	WF-24-AR-ASA-115C-S14	
ISSUED FOR	☐ TENDER ☐ INFORMATION ☐ REVIEW ☐ APPROVAL ☒ CONSTRUCTION ☐ AS BUILT	



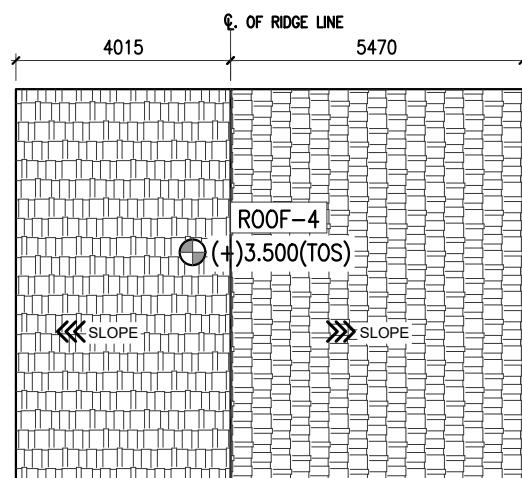
INDUSTRIAL ROOF LAYOUT-03
SCALE 1:100



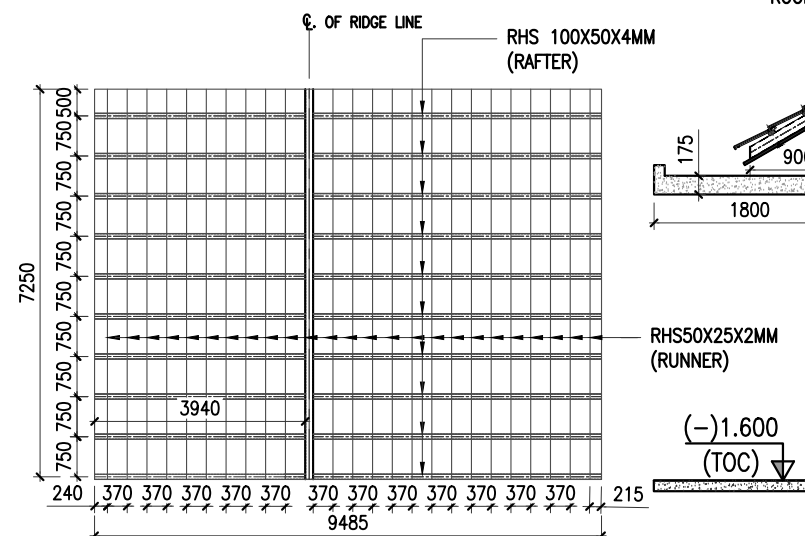
INDUSTRIAL ROOF-03
SCALE 1:100



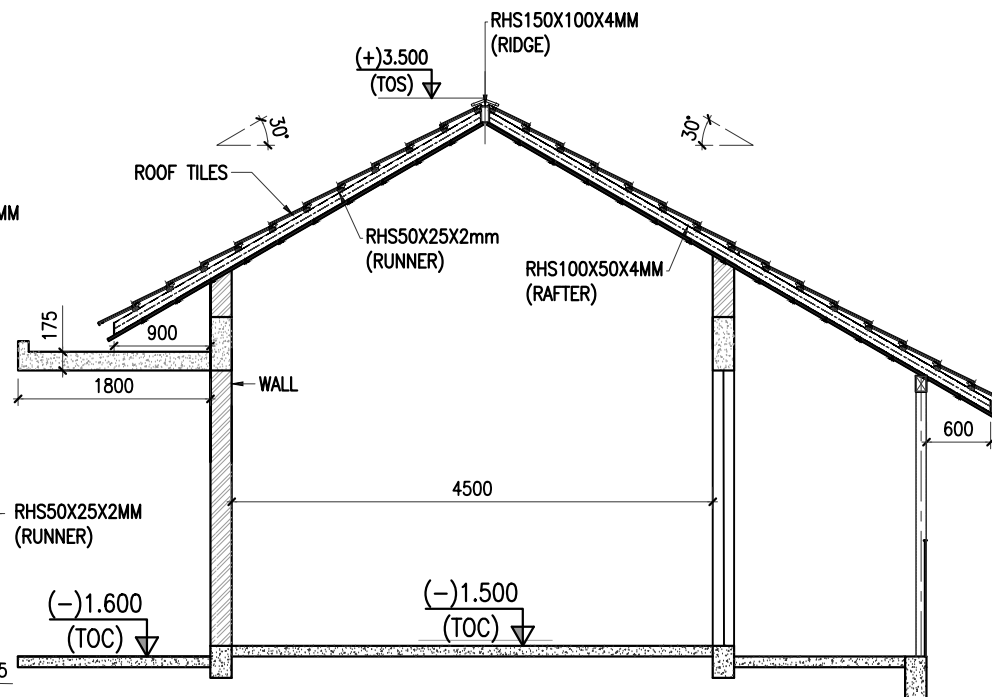
TYPICAL SECTION S12-S12
SCALE 1:50



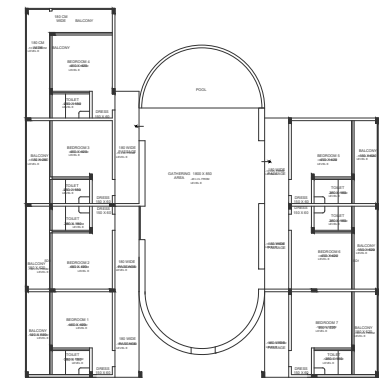
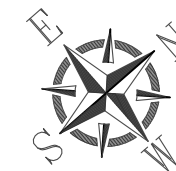
INDUSTRIAL ROOF LAYOUT-04
SCALE 1:100



INDUSTRIAL ROOF-04
SCALE 1:100



TYPICAL SECTION S13-S13
(SCALE 1:50)



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BEAMS : 25 MM
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REV	DATE	REVISION DESCRIPTION	PRPD BY	CHKD BY	APPVD BY
0	09-05-24	ISSUED FOR CONSTRUCTION	MRF	SHK	MNK

REVISIONS

PROJECT : ASTANA RESORT - 7BHK VILLA WITH POOL

ARCHITECT : ASLAM SHAM



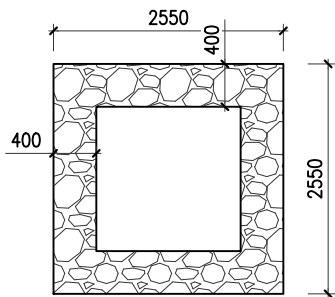
STRUCTURAL CONSULTANT :



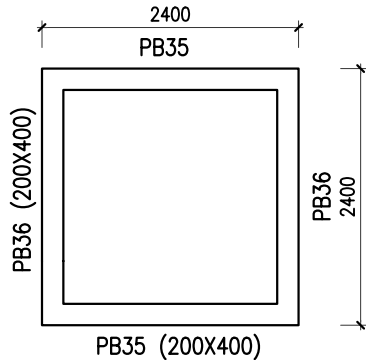
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LOCATION	SIGN & DATE	TITLE :
PRPD BY	MRF DATE 22.03.2024	LAYOUT AND SECTION OF INDUSTRIAL ROOF
CHKD BY	SHK DATE 22.03.2024	
APPVD BY	MNK DATE 22.03.2024	
SHEET SIZE: A3	SCALE 1:100 SHEET 15 OF 17 REV 00	
ISSUED FOR	☐ TENDER ☐ INFORMATION ☐ REVIEW ☐ APPROVAL ☒ CONSTRUCTION ☐ AS BUILT	W & F DRG. NO :- WF-24-AR-ASA-115C-S15

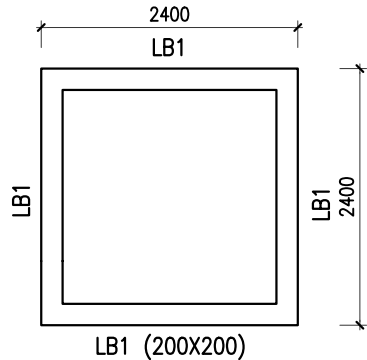
GOOD FOR CONSTRUCTION



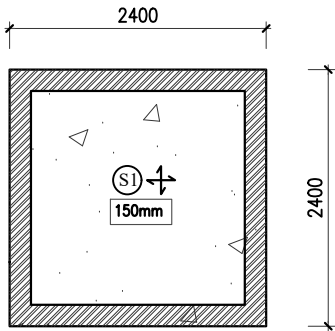
RR MASONRY LAYOUT POOL PUMP ROOM
SCALE 1:50



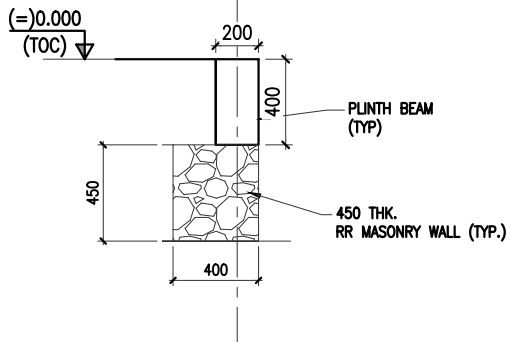
PLINTH BEAM LAYOUT POOL PUMP ROOM
SCALE 1:50



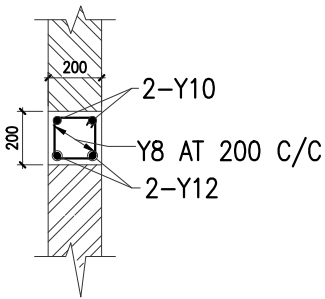
LINTEL BEAM LAYOUT POOL PUMP ROOM
SCALE 1:50



PLINTH BEAM SLAB LAYOUT POOL PUMP ROOM
SCALE 1:50



TYP. C/S OF RR MASONRY
OUTER WALL DETAILS
(SCALE 1:25)



TYPICAL DETAIL FOR LB1 (200x200)
SCALE 1:20

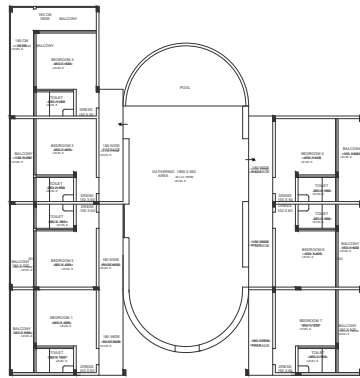
SCHEDULE OF PROPOSED POOL PUB PLINTH BEAM @ +2.550M							
TYPE	SEC (mm)	BOTTOM REINFORCEMENT		TOP REINFORCEMENT			REMARKS
		STRAIGHT ⑥	CURTAIL	STRAIGHT ⑦	EXTRA OVER CON.SUPPORT	AT END	
PB35	200X400	2-Y12	2-Y12	3-Y12	-	-	2L-Y8@ 200 C/C
PB36	200X400	2-Y12	2-Y12	3-Y12	-	-	2L-Y8@ 200 C/C

SLAB DETAILS

PANELS	SLAB CONDITION	THICKNESS	MAIN BAR	DISTIRIBUTION
S1	TWO WAY ↗↘	150	Y10 AT 200 C/C	Y10 AT 200 C/C

MATERIAL SPECIFICATIONS :-

SL NO.	MATERIALS	EQUIVALENT MAKES	SPECIFICATION
01	MS PLATE	TATA/JINDAL/APPOLO OR EQUIVALENT	IS 2062:2006 GRADE A HAVING MINIMUM YIELD STRESS OF 250 N/mm2
02	TUBES	JINDAL/APPOLO/VIZAG OR EQUIVALENT	IS 4923 GRADE A YIELD STRESS OF 240 N/mm2
03	PAINTING	JOTUN/BERGER/ASIAN/MRF	CLEANING THE SURFACE AND FINISHING BY APPLYING ONE COATS OF PU PRIMER (75MICRON),ONE COATS OF MIO (125 MICRON) TWO COATS OF PU PAINTS (75MICRON) ,MINIMUM OF 275MICRON.
04	CEMENT	ACC/ULTRATECH	OPC 53 GRADE
05	STEEL	TATA/JSW	TMT FE500/FE550
06	BLOCK WORK		FIRST QUALITY LATERITE
07	GLASS	SAINT-GOBAIN	12mm THICK TOUGHENED GLASS



KEY-PLAN

NOTES:-

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- ALL DIMENSIONS ARE IN MILLIMETERS. LEVELS & CO-ORDINATES ARE IN METERS.
- THIS DRAWING HAS BEEN PREPARED BASED ON ARCHITECTURAL DRAWING.
- GRADE OF CONCRETE SHALL BE M20 (1:1.5:3)
- MINIMUM CEMENT CONTENT SHOULD BE 350KG/M3 & RECOMMENDED CEMENT:OPC 53 Grade
- Y INDICATES HIGH YIELD STRENGTH DEFORMED BARS OF GRADE FE500 CONFORMING TO IS:1786
- LAPS SHALL BE STAGGERED AND LAP LENGTH SHALL BE 50 TIMES THE DIAMETER OF BAR FOR M20 GRADE.
- CLEAR COVER TO MAIN REINFORCEMENT SHALL BE:
FOOTINGS AND BASE SLAB : 50 MM
COLUMNS : 40 MM
BEAMS : 25 MM
FLOOR/ROOF/GRADE SLABS (BUILDINGS) : 20 MM
- REINFORCEMENT BARS SHALL BE SUITABLY CUT AND TRIMMED AT OPENINGS AND CUTOUT LOCATIONS.
- AT ALL STAGES OF CONCRETING PROPER CARE SHALL BE TAKEN TO PREVENT UPLIFT OF THE PORTION ALREADY CONSTRUCTED.
- ALL DISTURBED SOIL/FILL, SOIL/LOOSE POCKETS OVER EXCAVATED PORTION ENCOUNTERED DURING EXCAVATION BELOW FOUNDING LEVEL SHALL BE FILLED WITH NOMINAL MIX OF 1:4:8 LEAN CONCRETE.
- FOUNDATIONS ARE DESIGNED BASED ON SOIL REPORT AND THE RECOMMENDED SBC 250 KN/M2 AT 1.5MTR DEPTH FROM EXISTING GROUND LEVEL.
- THE CONCRETE SHALL HAVE WATER PROOFING ADMIXTURES CONFORMING TO IS 2845:1975
- STRUCTURAL ENGINEER IS NOT RESPONSIBLE FOR THE DAMAGE OR ANY FAILURE DUE TO THE USAGE OF BAD QUALITY OF MATERIALS OR LACK OF STRUCTURAL SUPERVISION BY QUALIFIED PERSONS.
- THIS STRUCTURAL DRAWINGS SUPERSEDES ALL THE RELATED DRAWINGS ISSUED TO THE SITE ON AN EARLIER DATE

SPACE FOR SEAL & SIGNATURE

MOHAMMED NAHEEM KP, M.E (Structural Engineering)
Chartered Engineer (India-M-1750121)
Engineer-A (Kerala-E-2050/08/21032/KKD/749)

0	09-05-24	ISSUED FOR CONSTRUCTION	MRF	SHK	MNK
REV	DATE	REVISION DESCRIPTION	PRPD BY	CHKD BY	APPVD BY

REVISIONS

PROJECT : ASTANA RESORT - 7BHK VILLA WITH POOL

ARCHITECT : ASLAM SHAM



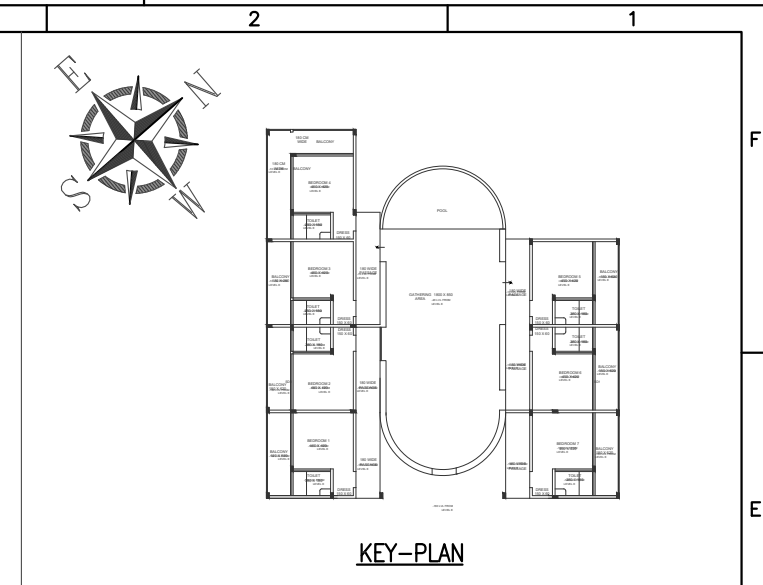
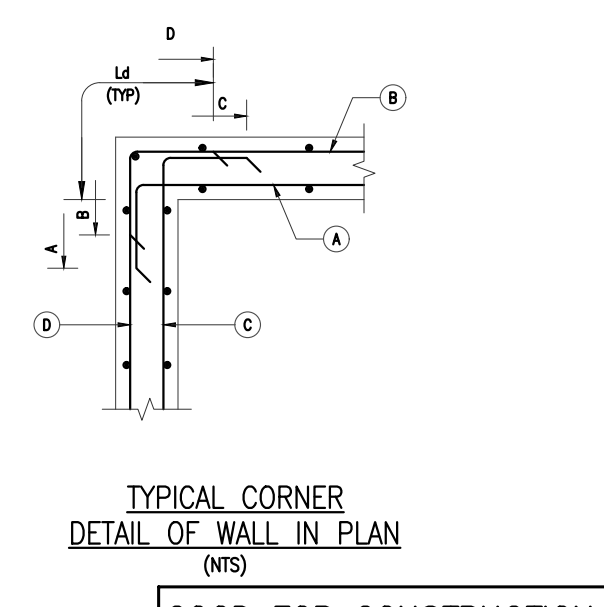
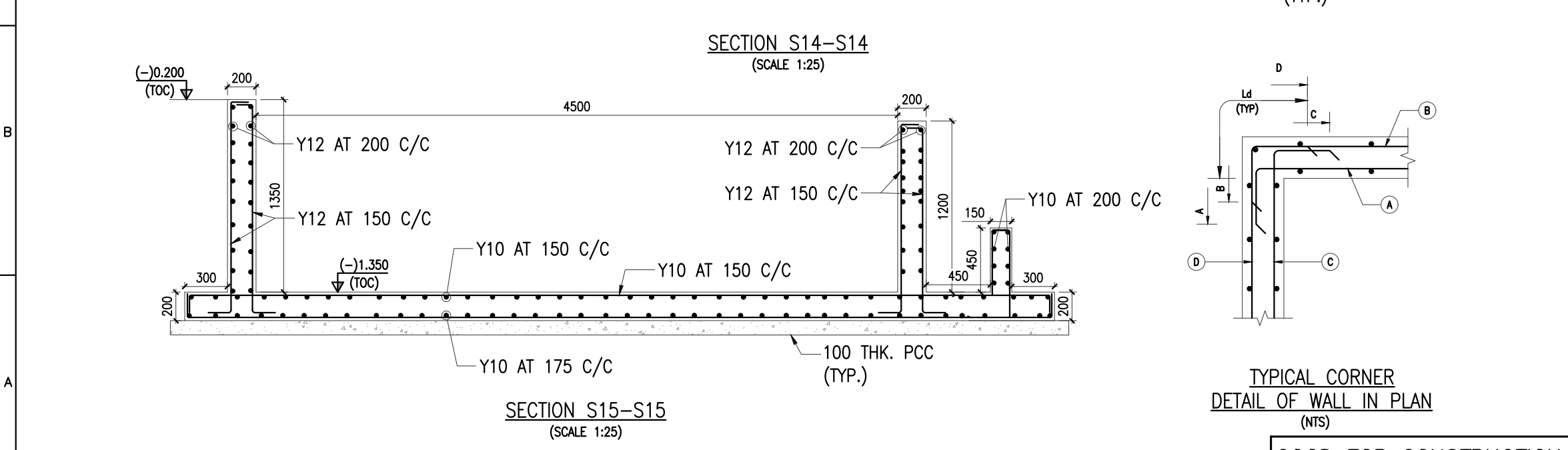
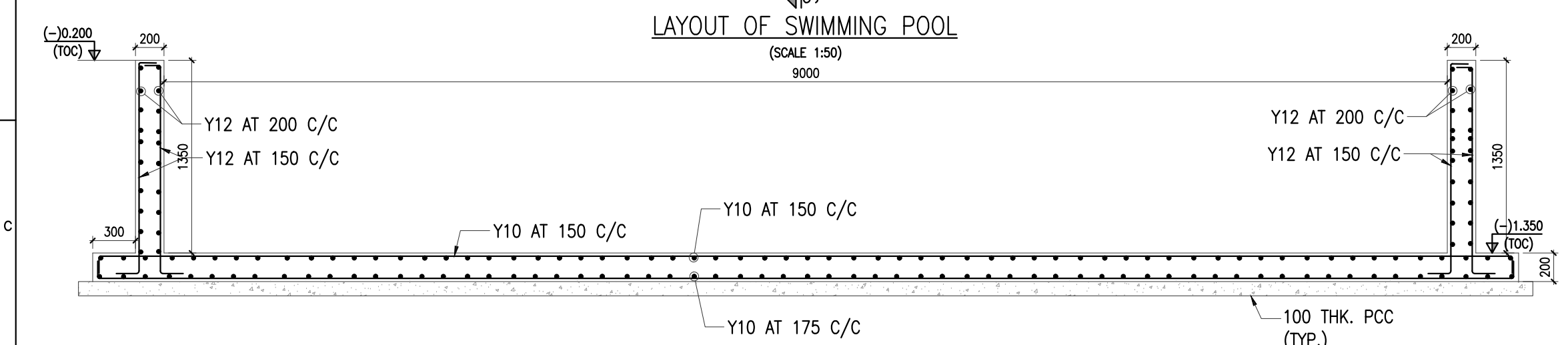
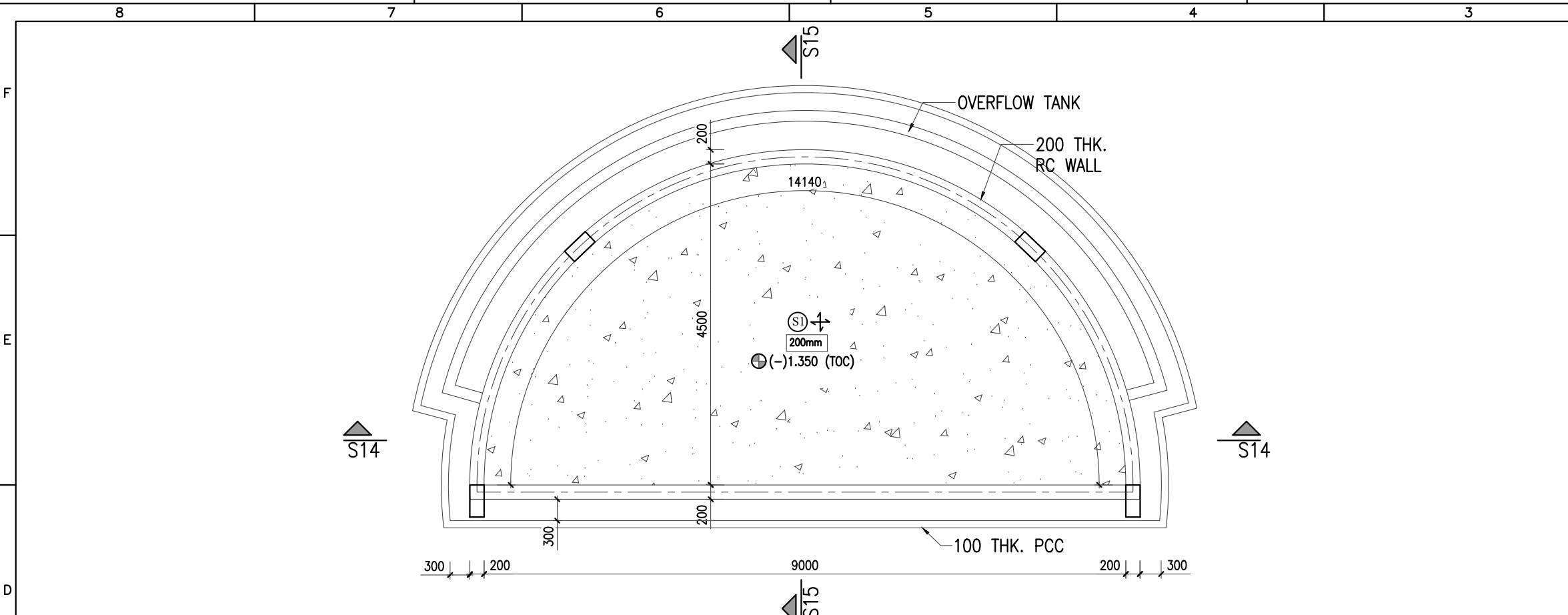
STRUCTURAL CONSULTANT :



WELLFABS ENGINEERING
CONSULTANT AND CONTRACTORS
CAPITAL TOWER,
ALUNGAL, PULIKKAL PO,
MALAPPURAM, 673637.
MOB:+91 8943 00 55 88
Email:Wellfabs2020@gmail.com

LOCATION	SIGN & DATE	TITLE :			
PRPD BY	MRF DATE 22.03.2024	LAYOUT OF PUMP ROOM AND DETAILS			
CHKD BY	SHK DATE 22.03.2024				
APPVD BY	MNK DATE 22.03.2024				
SHEET SIZE: A3		SCALE	1:100	SHEET	16 OF 17
ISSUED FOR		W & F DRG. NO :-	WF-24-AR-ASA-115C-S16		
ISSUED FOR		☐ TENDER	☐ INFORMATION	☐ REVIEW	☐ APPROVAL
		☒ CONSTRUCTION	☐ AS BUILT		

GOOD FOR CONSTRUCTION



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0	09-05-24	ISSUED FOR CONSTRUCTION	MRF	SHK	MNK
REV	DATE	REVISION DESCRIPTION	PRPD BY	CHKD BY	APPVD BY

PROJECT : ASTANA RESORT - 7BHK VILLA WITH POOL

ARCHITECT : ASLAM SHAM

aslam.sham

STRUCTURAL CONSULTANT :

WELLFABS
Engineering Consultants & Contractors

WELLFABS ENGINEERING CONSULTANT AND CONTRACTORS
CAPITAL TOWER,
ALUNGAL, PULIKKAL PO,
MALAPPURAM, 673637.
MOB:+91 8943 00 55 88
Email:Wellfabs2020@gmail.com

LOCATION	SIGN & DATE	TITLE :
PRPD BY	MRF	LAYOUT AND SECTIONS OF SWIMMING POOL
CHKD BY	DATE 22.03.2024	
APPVD BY	SHK	
	DATE 22.03.2024	
	MNK	
	DATE 22.03.2024	
SHEET SIZE: A3	SCALE 1:100	SHEET 17 OF 17
	W & F DRG. NO :-	WF-24-AR-ASA-115C-S17

ISSUED FOR	☐ TENDER	☐ INFORMATION	☐ REVIEW	☐ APPROVAL	☒ CONSTRUCTION	☐ AS BUILT
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GOOD FOR CONSTRUCTION