DPR (VOL – 01.1)
TENDER DRAWINGS

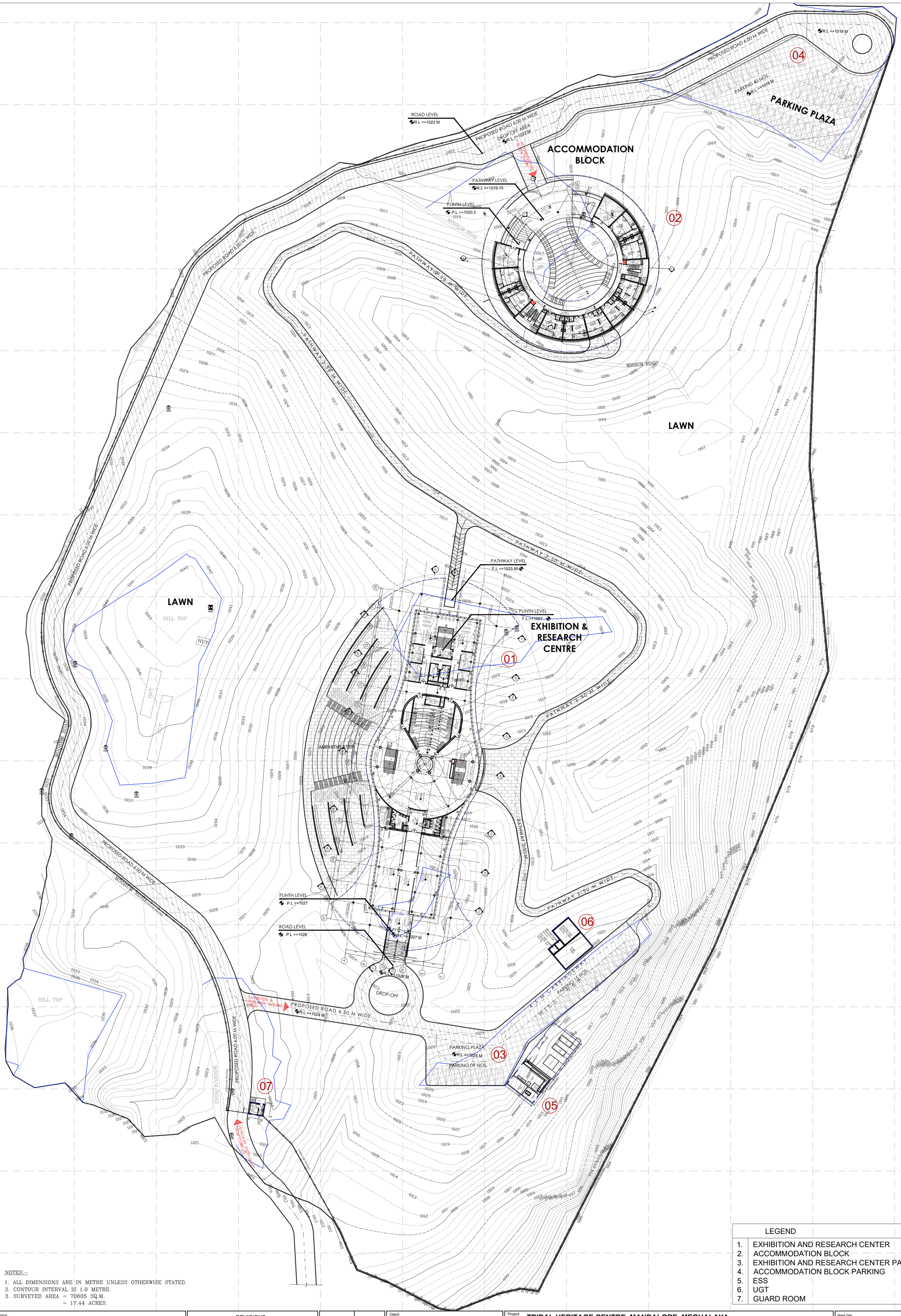
Chinabat, Meghalaya

Submitted By:

Studio archohm

Submitted To:

MEGHALAYAN AGE LIMITED



NOTES:–

1. ALL DIMENSIONS ARE IN METRE UNLESS OTHERWISE STATED.
2. CONTOUR INTERVAL IS 1.0 METRE.
3. SURVEYED AREA = 70605 SQ.M.
   = 17.44 ACRES.

LEGEND	
1.	EXHIBITION AND RESEARCH CENTER
2.	ACCOMMODATION BLOCK
3.	EXHIBITION AND RESEARCH CENTER PARKING
4.	ACCOMMODATION BLOCK PARKING
5.	ESS
6.	UGT
7.	GUARD ROOM

NOTES:

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REVISIONS

No.	Date	Descriptions	Revision by

Client:
MEGHALAYAN AGE LIMITED (MAL)

Project: **TRIBAL HERITAGE CENTRE, MANDALGRE, MEGHALAYA**

Architects:
ARCHOHM
ARCHITECTURE ENGINEERING URBANISM INTERIORS
c-28c, sector-8, noida - 201301 (up)
t 91 120 46 40 300
f 91 120 42 46 788
mail@archohm.com
www.archohm.com

Structural Consultants:
TPC TECHNICAL PROJECTS CONSULTANTS(P)LTD.
H.O. B-74, sector 57, noida, uttar pradesh-201301(india)
BOARD NO:-91-120-4306800

Electrical Consultants:
ARCHOHM CONSULTANT PVT. LTD.
SC-28C, SECTOR-8, NOIDA - 201301 (U.P)
T 91 120 46 40 300 F 91 120 42 46 788
mail@archohm.com www.archohm.com

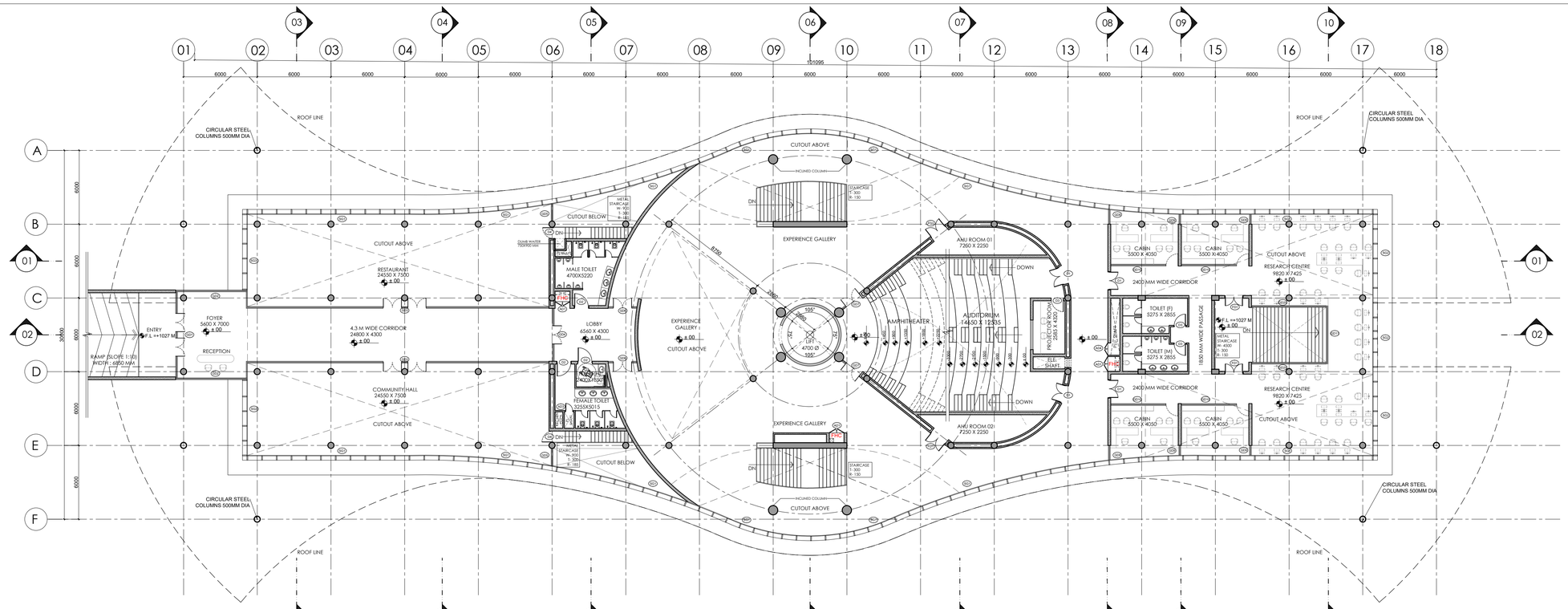
PHE Consultants:
WAC Engineers INDIA PVT. LTD.
MEP Consultants & Project Managers
B-78,Sector-6,Noida,UP-201301
Ph. 0120-4304035,
E-mail:wac@wacmep.com

Drawn By	SJ
Checked By	GK
Design By	SG

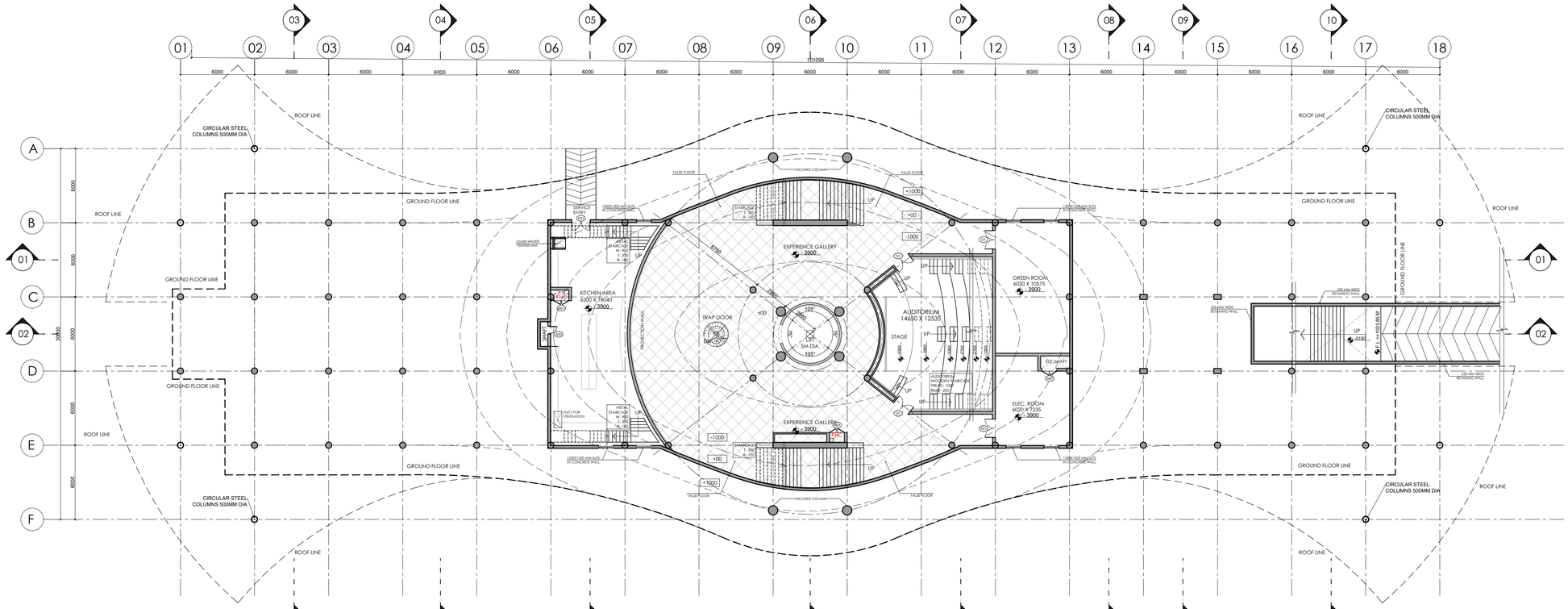
Sheet Title:
TRIBAL HERITAGE CENTRE
SITE PLAN

NORTH

Date:	Scale:	Project No.:
30.08.2024	1:500	A-232409
Drawing No.: A-232409-00-01	A1	R0



03 GROUND FLOOR PLAN
SCALE 1:200



02 LOWER GROUND FLOOR PLAN
SCALE 1:200

NOTES:

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o-28c, sector-8, noida - 201301 (up)
t 91 120 46 40 300
f 91 120 42 46 788
mail@archohm.com
www.archohm.com

Structural Consultants:
TPC TECHNICAL PROJECTS CONSULTANTS(P)LTD.
H.O: B-19, sector-57, noida, uttar pradesh (india)
BOARD NO. 91-120-4300800

Electrical Consultants:
ARCHOHM CONSULTANT PVT. LTD.
A-236, GROUND & FIRST, SECTOR-63, NOIDA - 201 301 (UP)
T: 91 120 46 46 568 F: 91 120 42 46 788
mail@archohm.com www.archohm.com

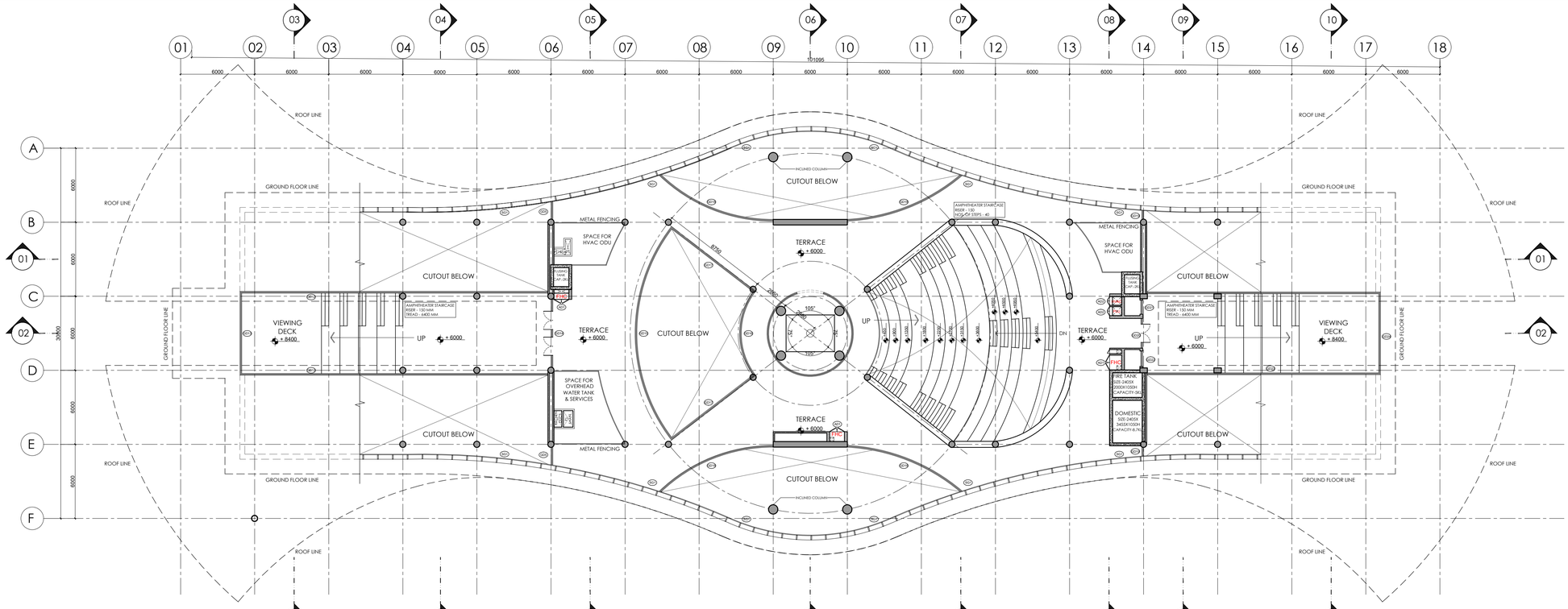
PHE Consultants:
WAC Engineers INDIA PVT. LTD.
MEP Consultants & Project Managers
B-78,Sector-4,Noida,UP-201301
Ph.: 0120-4566831,
E-mail:wac@waceng.com

Drawn By	SJ
Checked By	GK
Design By	SG

Sheet Title:
TRIBAL HERITAGE CENTER
EXHIBITION & RESEARCH CENTER
FLOOR PLANS
(SHEET 01 OF 04)

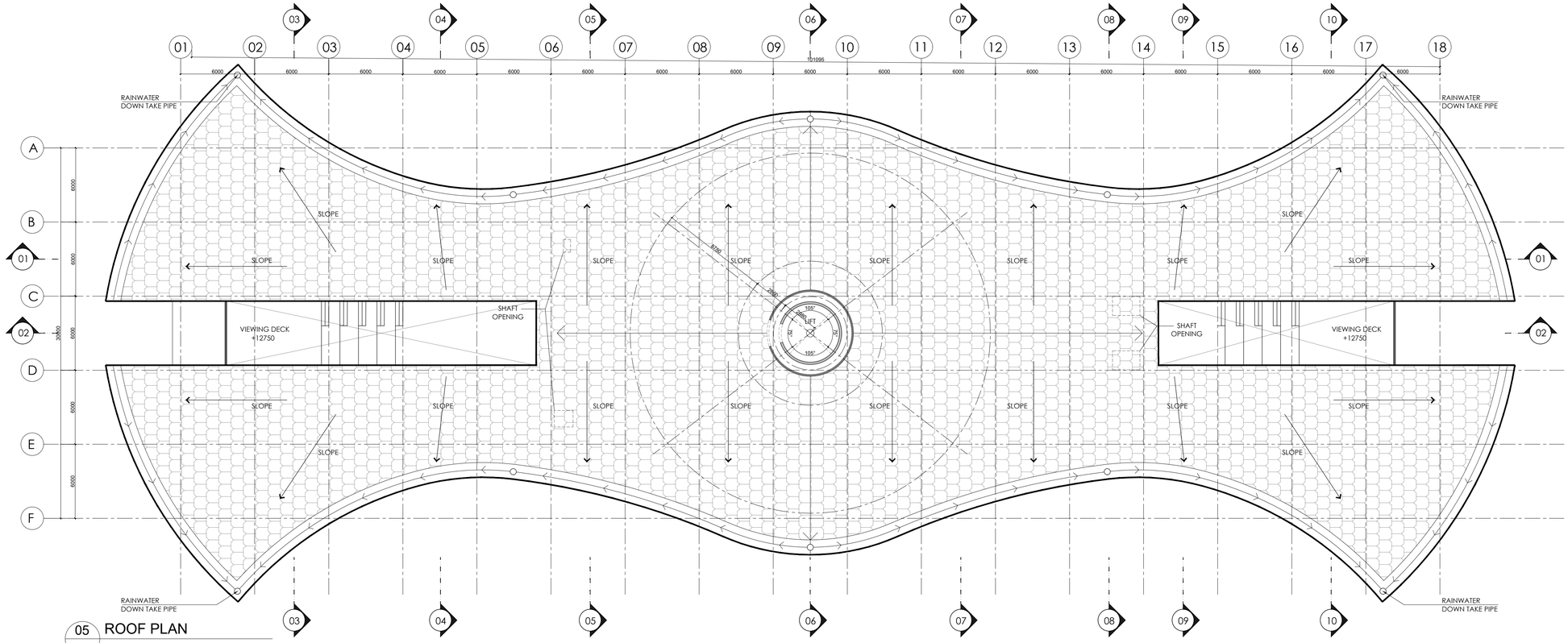
Date:	Scale:	Project No:-
30-08-2024	1:200	A-232409

Drawing No.: A-232409-B1-01-01 | A1 | R0



04 - USABLE TERRACE PLAN

SCALE 1:200



05 - ROOF PLAN

SCALE 1:200

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c-28c, sector-8,
noida - 201301 (up)
t 91 120 46 40 300
f 91 120 42 46 788
mail@archohm.com
www.archohm.com

Structural Consultants:

TPC TECHNICAL PROJECTS CONSULTANTS(P)LTD.

H.O: B-74, sector 67, noida, uttar pradesh-201301(india)
ISO/IEC NO. IN 120-6008800

Electrical Consultants:

ARCHOHM CONSULTANT PVT. LTD.

SF, SPC, 202 ECHA & 24,EECH - 24X NO. 0.3F)
T 91 120 46 40 300 F 91 120 42 46 788
mail@archohm.com www.archohm.com

PHE Consultants:

WAC Engineers INDIA PVT. LTD.
MEP Consultants & Project Managers

B-76,Sector-6,Noida,UP-201301
Ph.: 0120-4304455,
E-mail:wac@wacmep.com

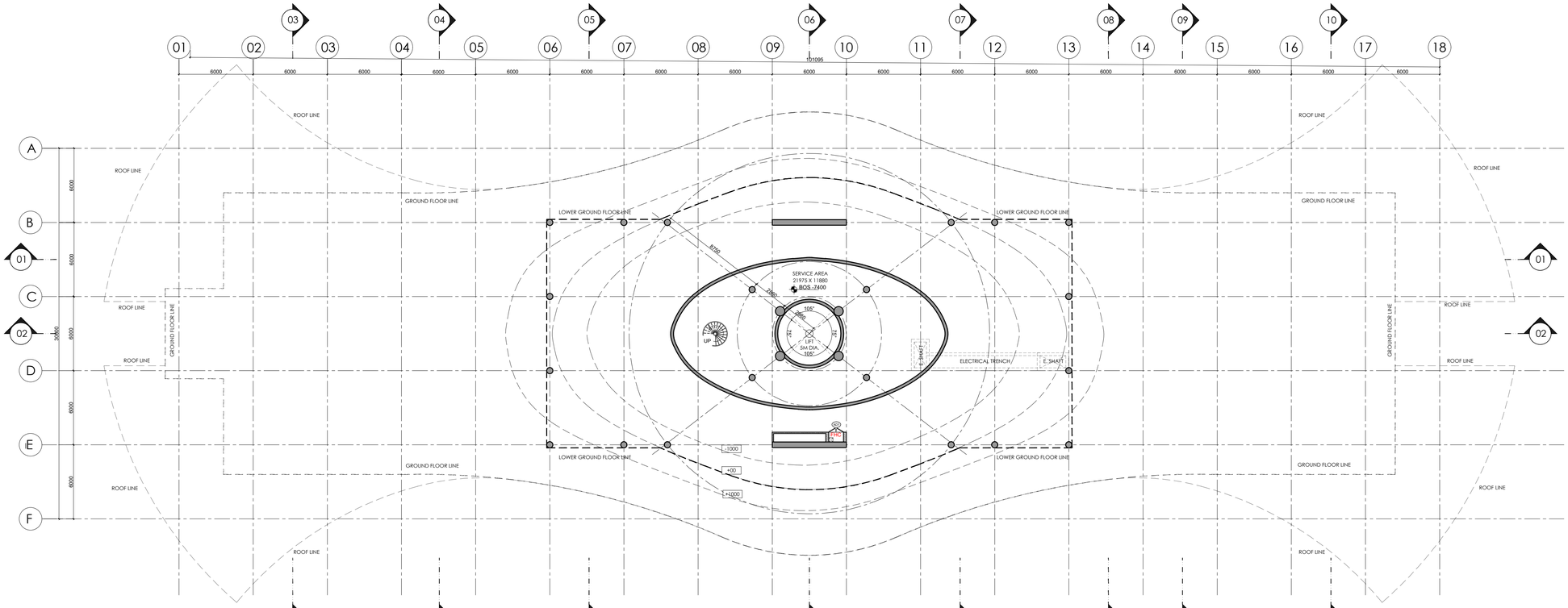
Drawn By	SJ
Checked By	GK
Design By	SG

Sheet Title:
TRIBAL HERITAGE CENTER
EXHIBITION & RESEARCH CENTER
FLOOR PLANS
(SHEET 02 OF 04)

Date:	Scale:	Project No.:
30-08-2024	1:200	A-232409

Drawing No.: A-232409-B1-01-02

A1 | R0



01 SERVICE FLOOR PLAN
SCALE 1:200

DOOR WINDOW SCHEDULE TRIBAL HERITAGE CENTRE, MANDALGRE
EXHIBITION AND RESEARCH CENTRE
GLAZING SCHEDULE

TAG	WIDTH	HEIGHT	CILL	LINTEL	MATERIAL	TYPE
GD1	7300	5800	0	5800	DOUBLE GLAZED UNIT	CURTAIN GLAZING
GD2	5800	5800	0	5800	DOUBLE GLAZED UNIT	CURTAIN GLAZING
GD3	26000	5800	0	5800	DOUBLE GLAZED UNIT	CURTAIN GLAZING
GD4	4300	5350	0	5350	DOUBLE GLAZED UNIT	CURTAIN GLAZING
GD5	1450	5350	0	5350	DOUBLE GLAZED UNIT	CURTAIN GLAZING
GD6	2335	5800	0	5800	DOUBLE GLAZED UNIT	CURTAIN GLAZING
GD7	1870	5350	0	5350	DOUBLE GLAZED UNIT	CURTAIN GLAZING
GD8	1185	5800	0	5800	DOUBLE GLAZED UNIT	CURTAIN GLAZING
GD9	800	5800	0	5800	DOUBLE GLAZED UNIT	CURTAIN GLAZING
GD10	5500	5800	0	5800	DOUBLE GLAZED UNIT	CURTAIN GLAZING
GD11	4750	8200	0	8200	DOUBLE GLAZED UNIT	CURTAIN GLAZING
GD12	24845	VARIES FROM 3550 TO 1150	0	VARIES FROM 3550 TO 1150	DOUBLE GLAZED UNIT	CURTAIN GLAZING
GD13	6800	1200	0	1200	DOUBLE GLAZED UNIT	CURTAIN GLAZING
GD14	5600	4790	0	4790	DOUBLE GLAZED UNIT	CURTAIN GLAZING
GD15	18600	5800	0	5800	DOUBLE GLAZED UNIT	CURTAIN GLAZING
GD16	7320	5800	0	5800	DOUBLE GLAZED UNIT	CURTAIN GLAZING
GD17	5610	5800	0	5800	DOUBLE GLAZED UNIT	CURTAIN GLAZING
GD18	10200	7500	0	7500	DOUBLE GLAZED UNIT	CURTAIN GLAZING
GD19	750	3545	0	3545	DOUBLE GLAZED UNIT	CURTAIN GLAZING
GD20	2400	3240	0	3240	DOUBLE GLAZED UNIT	CURTAIN GLAZING
GD21	1150	3240	0	3240	DOUBLE GLAZED UNIT	CURTAIN GLAZING
GD22	1250	3240	0	3240	DOUBLE GLAZED UNIT	CURTAIN GLAZING
GD23	18940	VARIES FROM 3550 TO 1150	0	VARIES FROM 3550 TO 1150	DOUBLE GLAZED UNIT	CURTAIN GLAZING
GD24	6700	1150	0	1150	DOUBLE GLAZED UNIT	CURTAIN GLAZING
GD25	6230	VARIES FROM 5800 TO 8200	0	VARIES FROM 5800 TO 8200	DOUBLE GLAZED UNIT	CURTAIN GLAZING
SG1	1200	VARIES FROM 3580-13600-3565	0	VARIES FROM 2180-10715-3000	DOUBLE GLAZED UNIT	STRUCTURAL GLAZING
SG2	1200	3315	0	3315	DOUBLE GLAZED UNIT	STRUCTURAL GLAZING
SG3	1200	3315	0	3315	DOUBLE GLAZED UNIT	STRUCTURAL GLAZING

DOOR WINDOW SCHEDULE TRIBAL HERITAGE CENTRE, MANDALGRE
EXHIBITION AND RESEARCH CENTRE
DOOR WINDOW SCHEDULE

TAG	WIDTH	HEIGHT	CILL	LINTEL	MATERIAL	TYPE	REMARK
D1	1500	2400	0	2400	WOODEN DOOR	DOUBLE SWING	
D2	1200	2400	0	2400	WOODEN DOOR	SINGLE SWING	
D3	1000	2400	0	2400	WOODEN DOOR	SINGLE SWING	
D4	900	2400	0	2400	WOODEN DOOR	SINGLE SWING	
AD1	1200	2400	0	2400	WOODEN DOOR	DOUBLE SWING	
AD2	700	2400	0	2400	WOODEN DOOR	DOUBLE SWING	
AD3	650	2400	0	2400	WOODEN DOOR	SINGLE SWING	
AD4	1000	2400	0	2400	WOODEN DOOR	DOUBLE SWING	
FD1	1500	2750	0	2750	FIRE DOOR	DOUBLE SWING	
W1	2400	1800	1000	2800	GLASS	FIXED	
TD	2000 Ø	-	-	-	METAL	TRAP DOOR	

- DOOR WINDOW SCHEDULE

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Project: TRIBAL HERITAGE CENTRE, MANDALGRE, MEGHALAYA

Architects:
ARCHOHM ARCHITECTURE ENGINEERING URBANISM INTERIORS
c-28c, sector-8, noida - 201301 (up)
t 91 120 46 40 300
f 91 120 42 40 788
mail@archohm.com
www.archohm.com

Structural Consultants:
TPC TECHNICAL PROJECTS CONSULTANTS(P)LTD.
H.O: B-74, sector 57, noida, uttar pradesh (india)
BOARD NO: 91- 120-4304000

Electrical Consultants:
ARCHOHM CONSULTANT PVT. LTD.
IC 23C, SECTOR-8, NOIDA - 201 301 (UP)
T: 91 120 46 40 300 F: 91 120 42 46 788
mail@archohm.com www.archohm.com

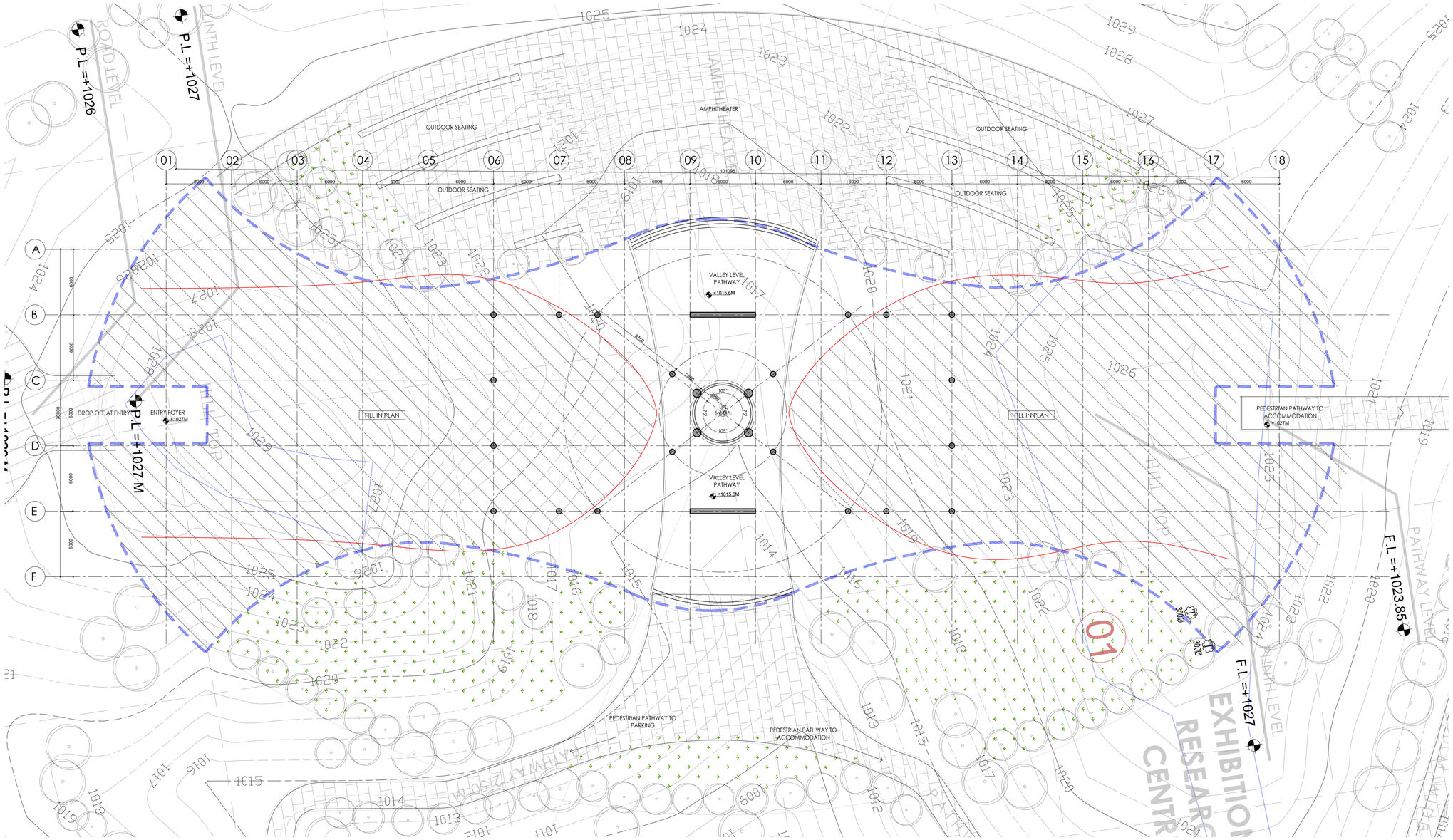
PHE Consultants:
WAC Engineers INDIA PVT. LTD.
MEP Consultants & Project Managers
B-78,Sector-6,Noida,UP-201301
Ph.: 0120-4500070
E-mail:wac@waceng.com

Drawn By	SJ
Checked By	GK
Design By	SG

Sheet Title: TRIBAL HERITAGE CENTER EXHIBITION & RESEARCH CENTER FLOOR PLANS (SHEET 03 OF 04)

Date:	Scale:	Project No:-
30-08-2024	1:200	A-232409

Drawing No.: A-232409-B1-01-03 | A1 | R0



01 A VALLEY LEVEL PLAN

SCALE 1:200

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Architects:

ARCHOHM ARCHITECTURE ENGINEERING INTERIOR
c-28c, sector-8, noida - 201301 (up)
t 91 120 46 40 300
f 91 120 42 46 788
mail@archohm.com
www.archohm.com

Structural Consultants:
TPC TECHNICAL PROJECTS CONSULTANTS(P)LTD.
H-D-B-74, sector 57, noida, uttar pradesh-201301(india)
BOARD NO.:91-120-4308800

Electrical Consultants:
ARCHOHM CONSULTANT PVT. LTD.
SF, GF, MZ, CF-7B & 8, N.DELH. - 2A1301, (UP)
T 91 120 46 40 300 F 91 120 42 46 788
mail@archohm.com, www.archohm.com

PHE Consultants:
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MEP Consultants & Project Managers
B-78,Sector-8,Noida,UP-201301
Ph.: 0120-4304070,
E-mail:mail@waceng.com

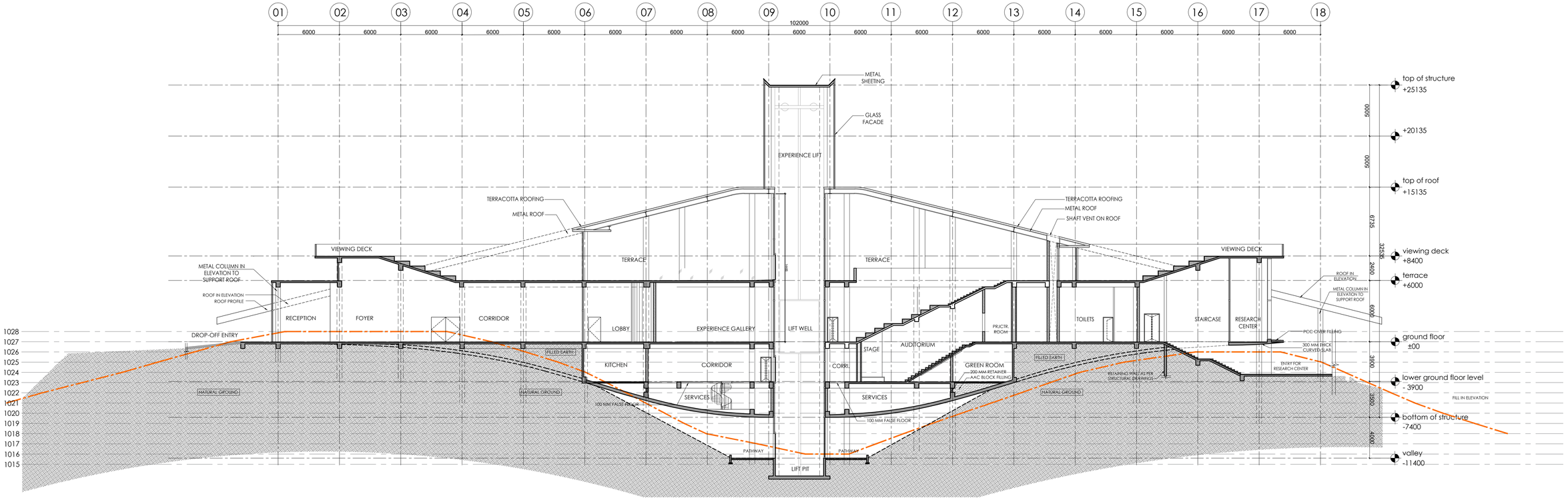
Drawn By	SJ
Checked By	GK
Design By	SG

Sheet Title:
TRIBAL HERITAGE CENTER
EXHIBITION & RESEARCH CENTER
(SHEET 04 OF 04)
VALLEY LEVEL PLAN

Date:	Scale:	Project No.:
30-08-2024	1:200	A-232409

Drawing No.: A-232409-B1-01-04

A1 | R0



07 - SECTION - 02

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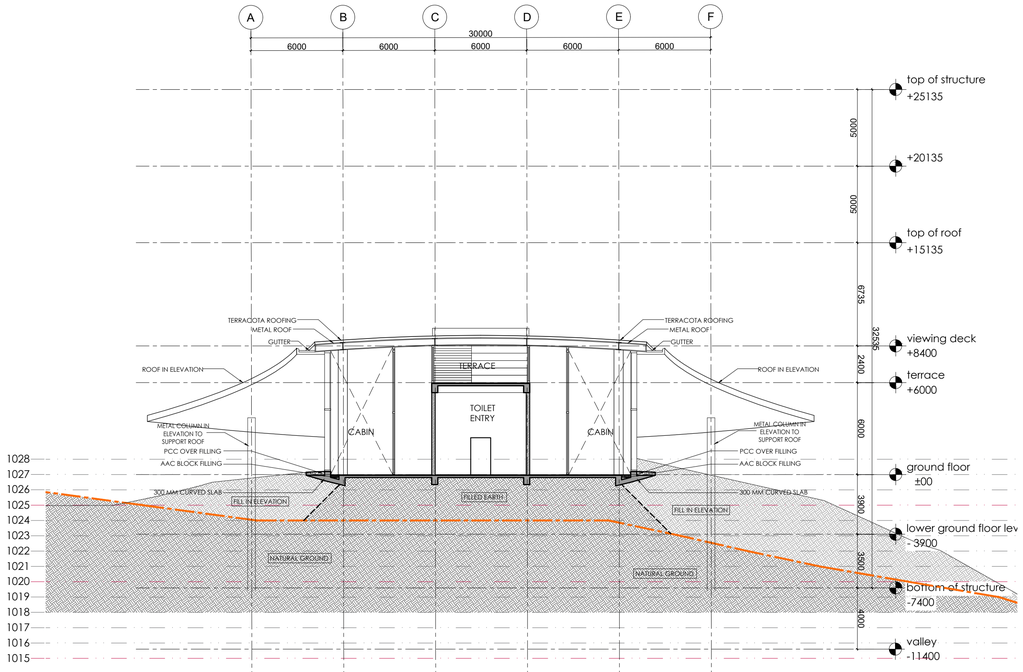

14 - SECTION - 09

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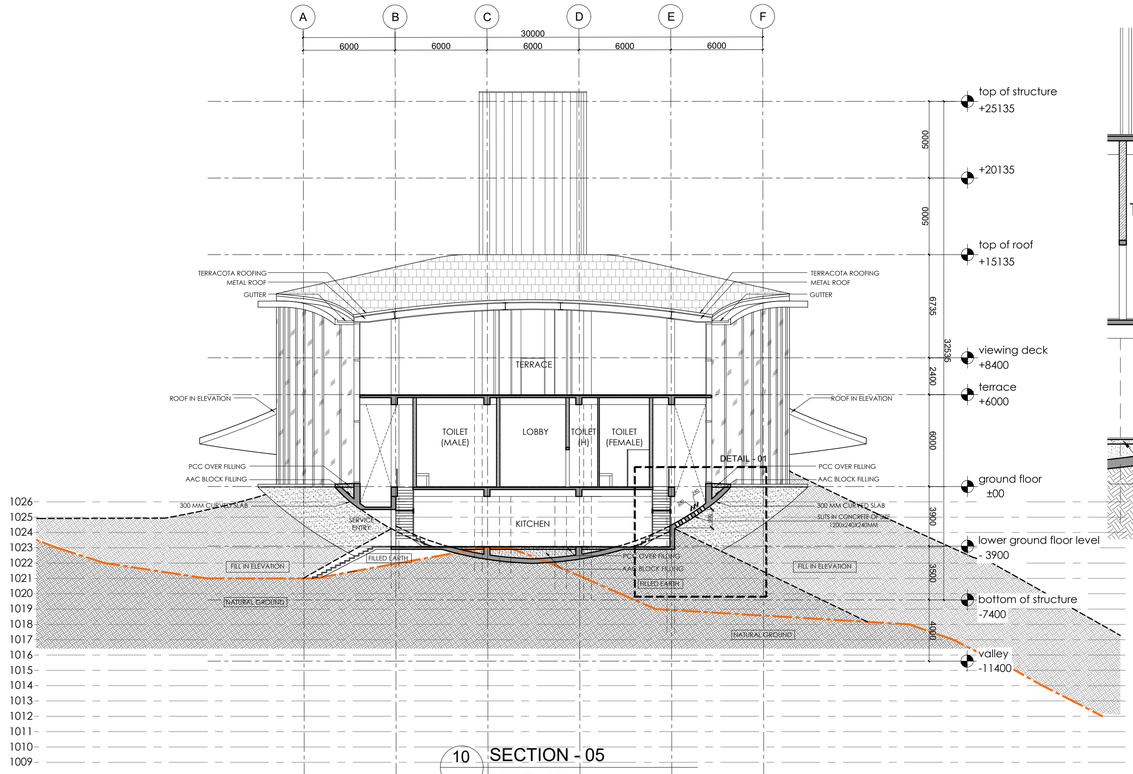

10 - SECTION - 05

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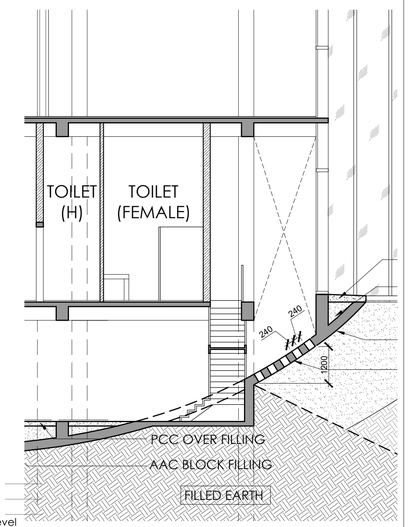

10 A - DETAIL - 01

SCALE 1:100

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BGANO NO. 91-120-4306850

Electrical Consultants:
ARCHOHM CONSULTANT PVT. LTD.
C-28C, SECTOR-8, NOIDA - 201 301 (UP)
T 91 120 46 40 300 F 91 120 42 46 788
mail@archohm.com www.archohm.com

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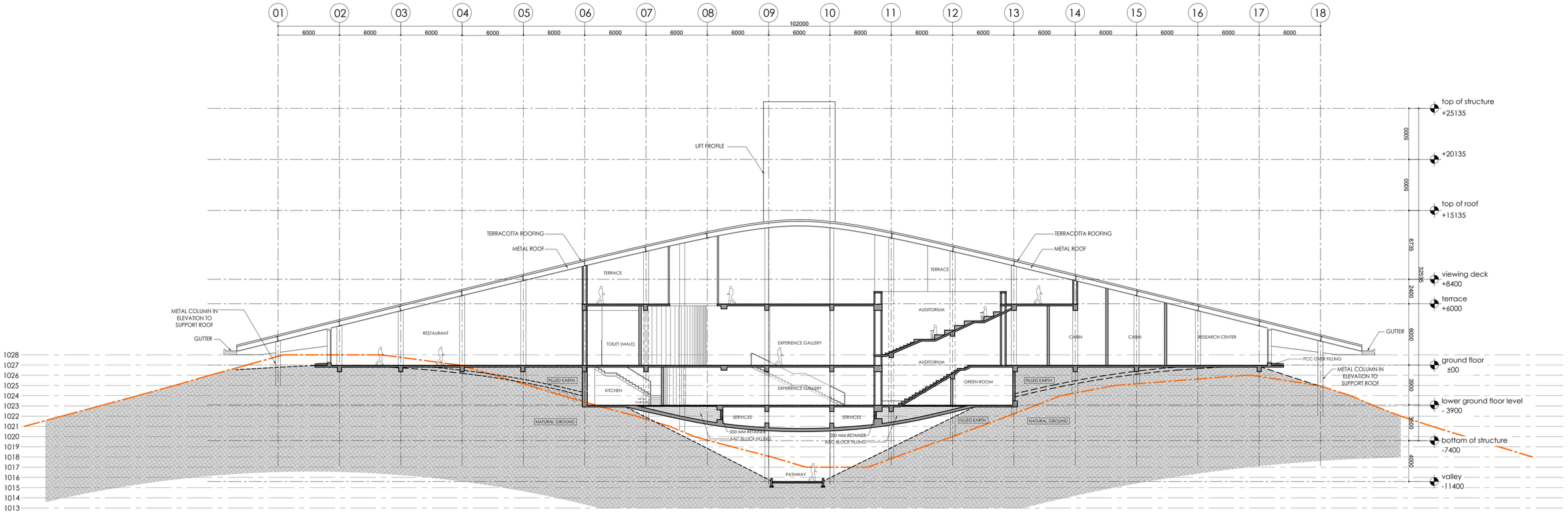
B-76,Sector-4,Noida(UP-201301)
Ph. 0120-4566655,
E-mail:wac@waceng.com

Drawn By	SJ
Checked By	GK
Design By	SG

Sheet Title:
TRIBAL HERITAGE CENTER
EXHIBITION & RESEARCH CENTER
SECTIONS
(SHEET 02 OF 03)

Date:	Scale:	Project No:-
30-08-2024	1:200	A-232409

Drawing No.: A-232409-B1-02-02 | A1 | R0



06 - SECTION - 01
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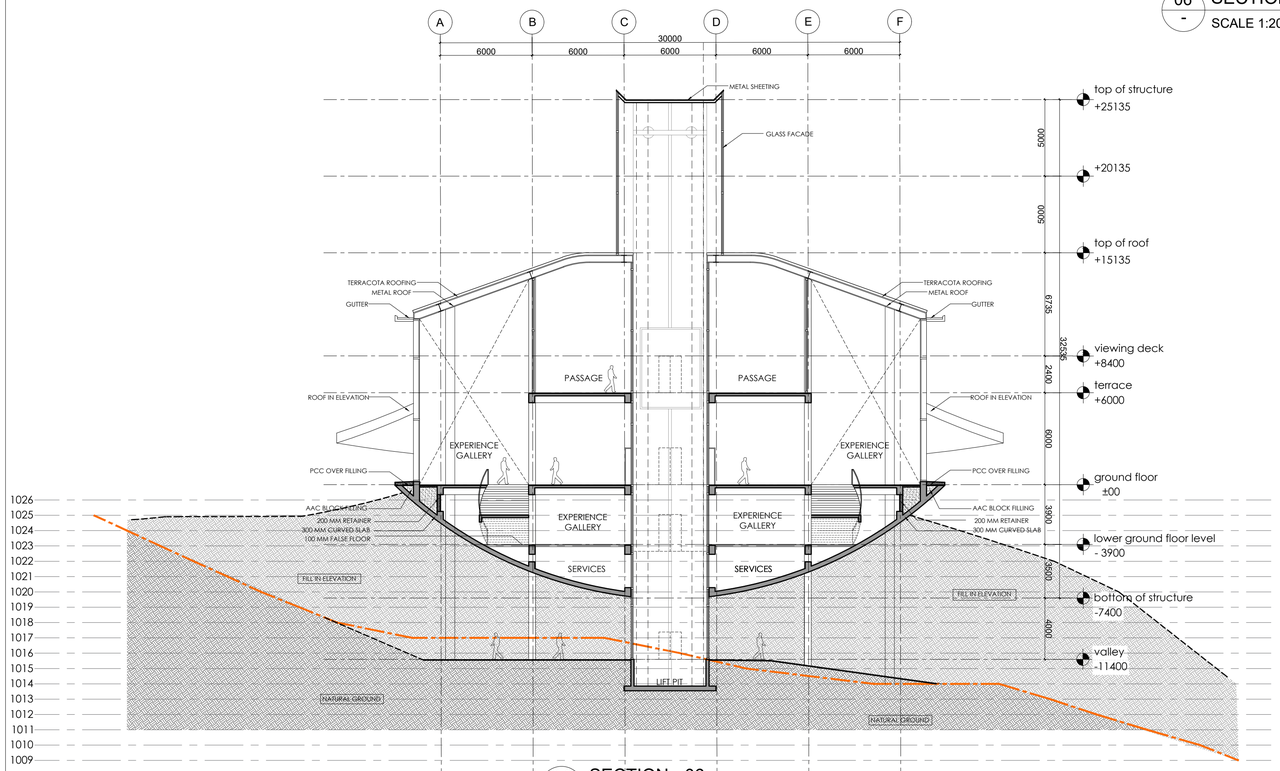

11 - SECTION - 06
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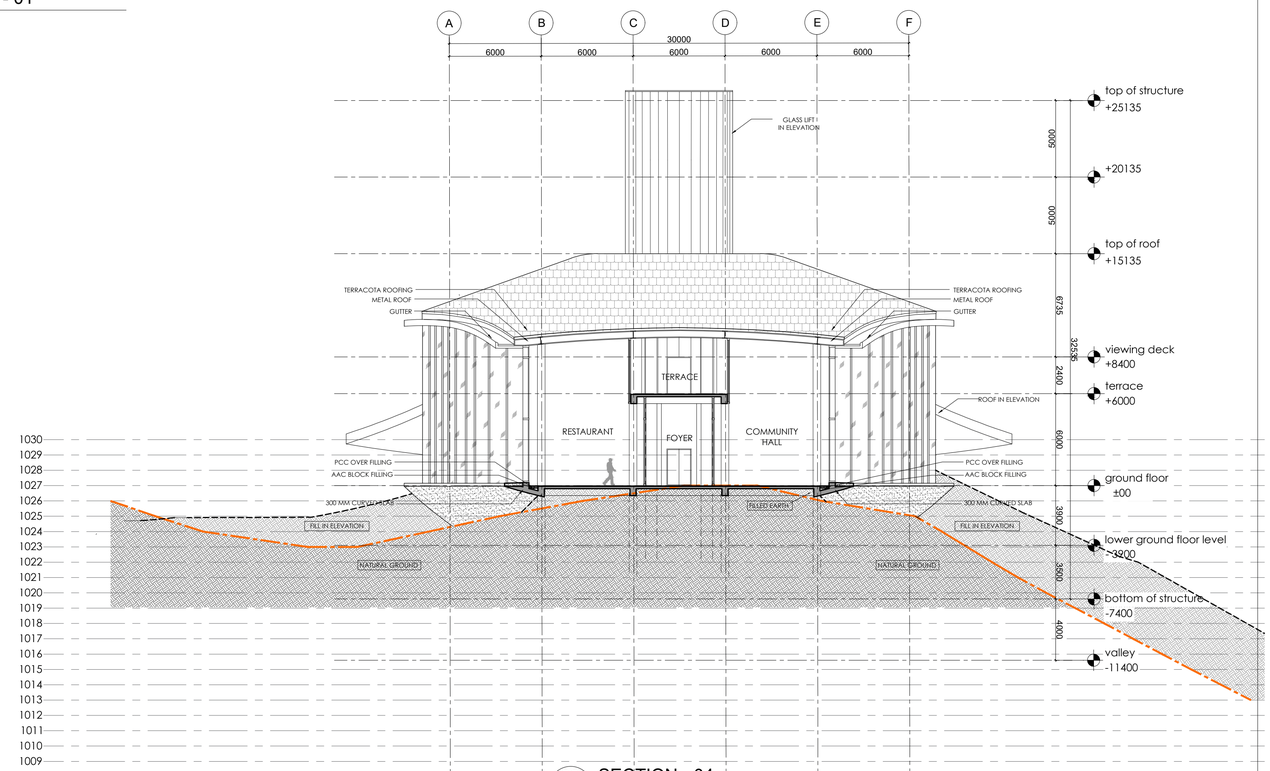

09 - SECTION - 04
SCALE 1:200

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REVISIONS

No.	Date	Descriptions	Revision by

Client:
MEGHALAYAN AGE LIMITED (MAL)

Project:
TRIBAL HERITAGE CENTRE, MANDALGRE, MEGHALAYA

Architects:
ARCHOHM ARCHITECTURE ENGINEERING URBANISM INTERIORS
o-28c, sector-8, noida - 201301 (up)
t 91 120 46 40 300
f 91 120 42 40 788
mail@archohm.com
www.archohm.com

Structural Consultants:
TPC TECHNICAL PROJECTS CONSULTANTS(P)LTD.
H.O: B-74, sector 57, noida, uttar pradesh (india)
BCAHO NO. 01-120-A060000

Electrical Consultants:
ARCHOHM CONSULTANT PVT. LTD.
C-23C, SECTOR-6, NOIDA - 201 301 (UP)
T: 91 120 46 40 300 F: 91 120 42 46 788
mail@archohm.com | www.archohm.com

PHE Consultants:
WAC Engineers INDIA PVT. LTD.
MEP Consultants & Project Managers
B-78,Sector-6,Noida,UP-201301
Ph:- 0120-4200070
E-mail:wac@waceng.com

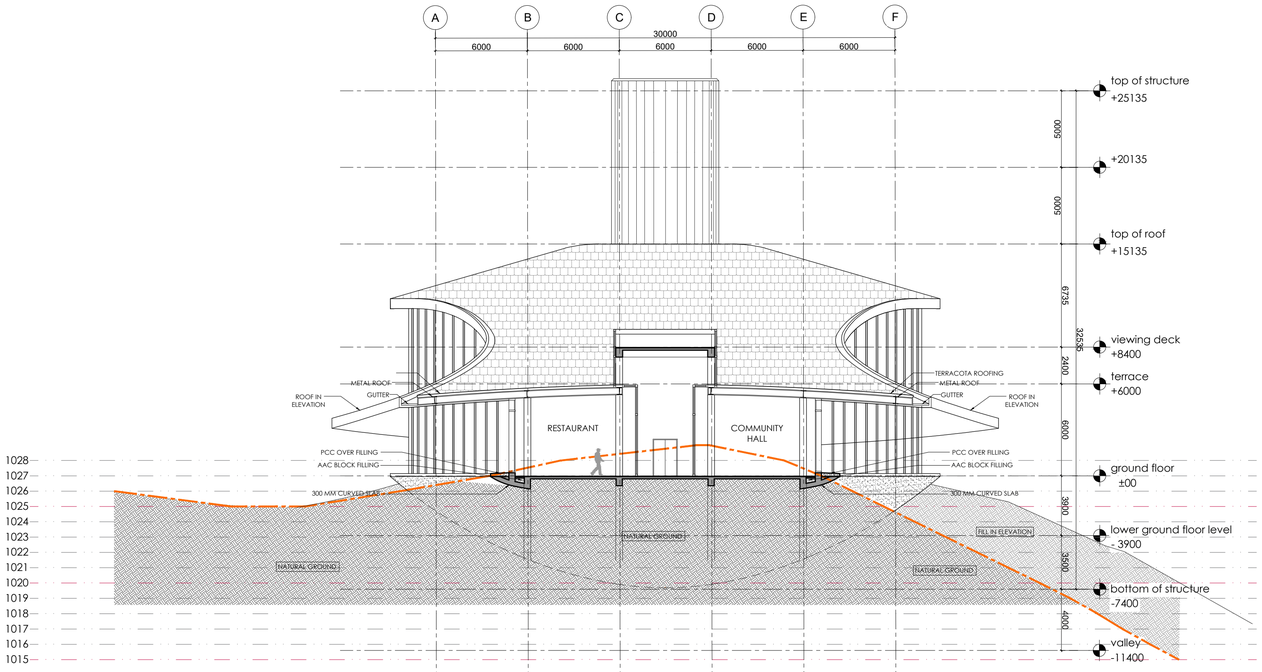
Drawn By	SJ
Checked By	GK
Design By	SG

Sheet Title:
TRIBAL HERITAGE CENTER
EXHIBITION & RESEARCH CENTER
SECTIONS
(SHEET 01 OF 03)

Date:	Scale:	Project No:-
30-08-2024	1:200	A-232409

Drawing No.:
A-232409-B1-02-01

A1 R0



08 - SECTION - 03
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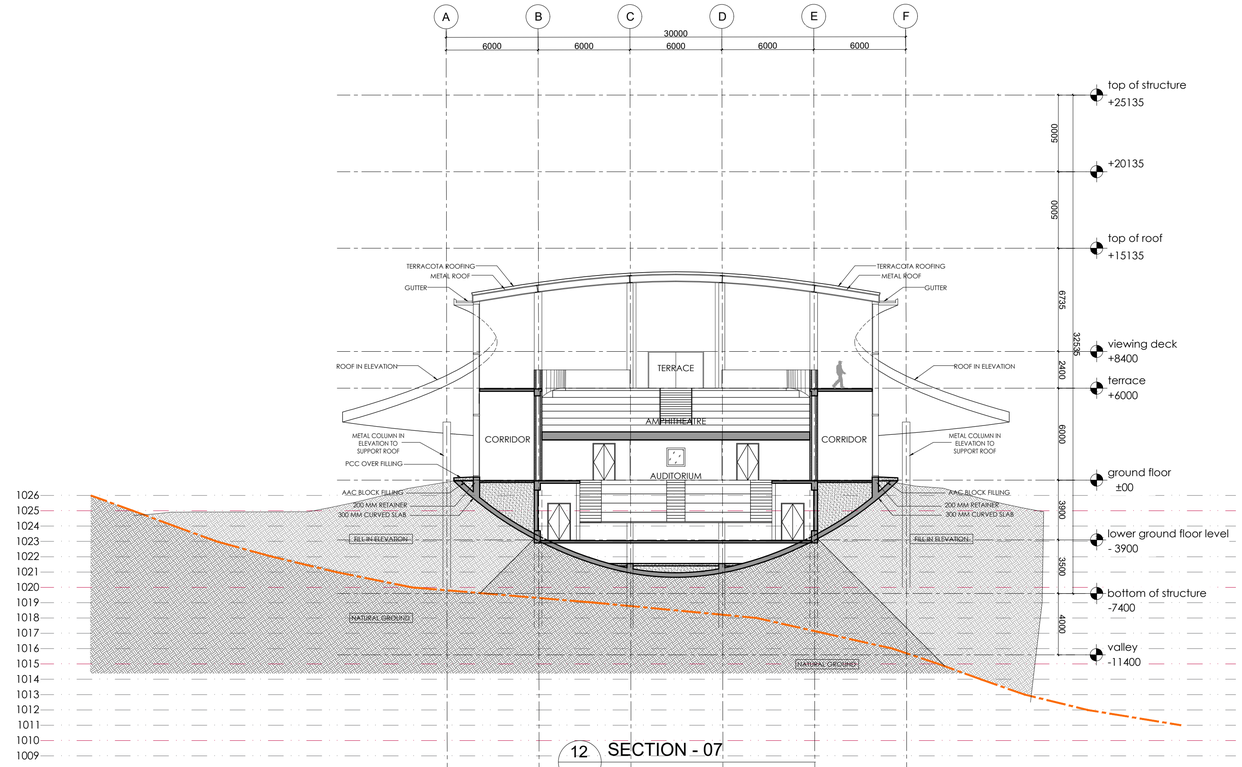

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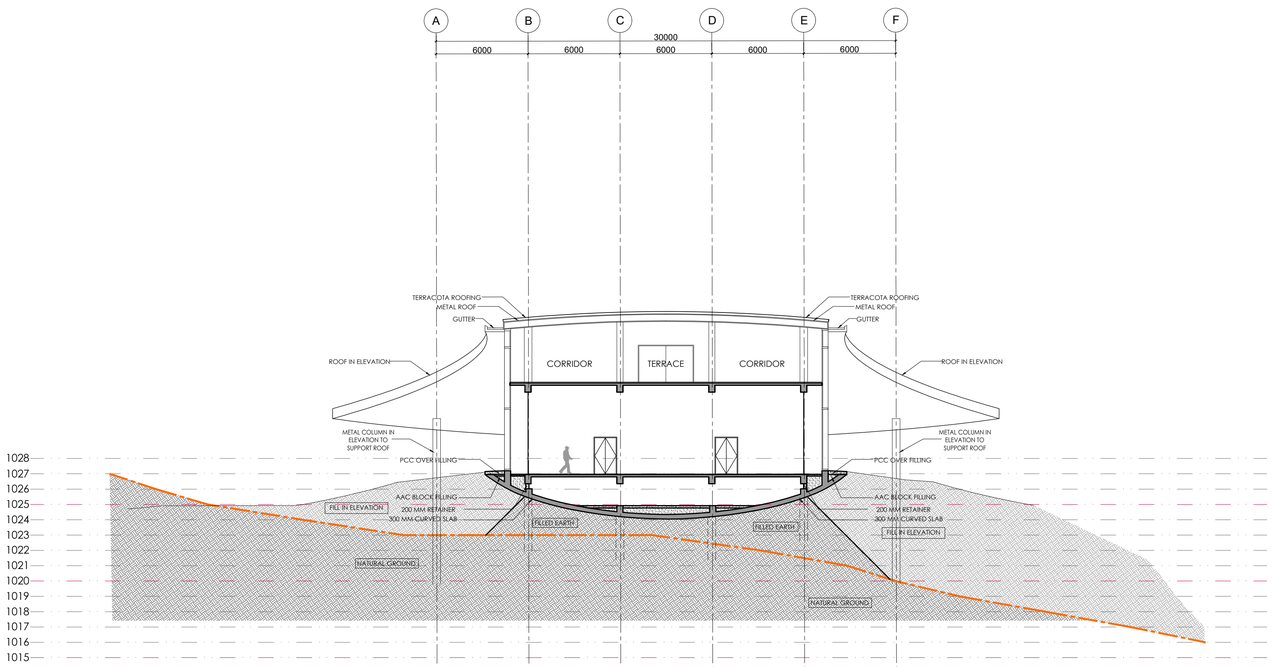

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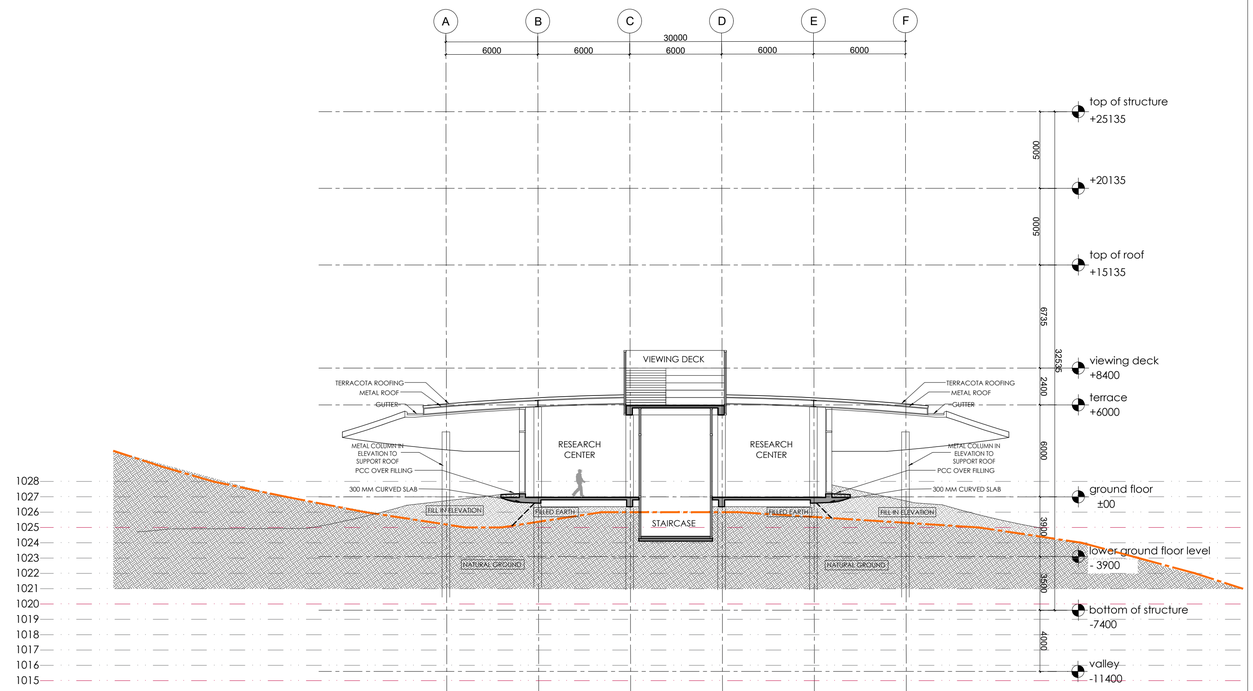

15 - SECTION - 10
SCALE 1:200

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No.	Date	Descriptions	Revision by

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Project:
TRIBAL HERITAGE CENTRE, MANDALGRE, MEGHALAYA

Architects:
ARCHOHM ARCHITECTURE ENGINEERING INTERIORS
c-28c, sector-8, noida - 201301 (up)
t 91 120 46 40 300
f 91 120 42 46 788
mail@archohm.com
www.archohm.com

Structural Consultants:
TPC TECHNICAL PROJECTS CONSULTANTS(P)LTD.
W.O. B-74, sector 57, noida, uttar pradesh-201301(india)
BOARD NO. 91-120-4308800

Electrical Consultants:
ARCHOHM CONSULTANT PVT. LTD.
SC, SPC, ISO 9001 & ISO 14001 - 2015 CERTIFIED
T 91 120 46 40 300 F 91 120 42 46 788
mail@archohm.com www.archohm.com

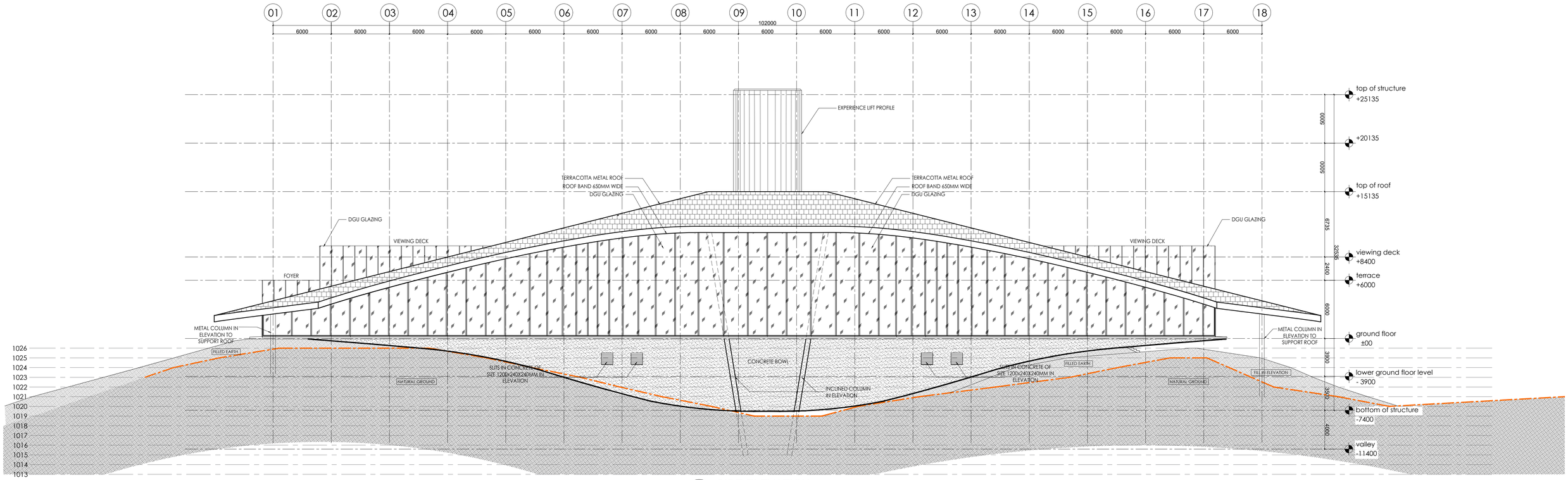
PHE Consultants:
WAC Engineers INDIA PVT. LTD.
MEP Consultants & Project Managers
B-78,Sector-8,Noida,UP-201301
Ph.: 0120-4566655,
E-mail:wac@wacing.com

Drawn By	SJ
Checked By	GK
Design By	SG

Sheet Title:
TRIBAL HERITAGE CENTER
EXHIBITION & RESEARCH CENTER
SECTIONS
(SHEET 03 OF 03)

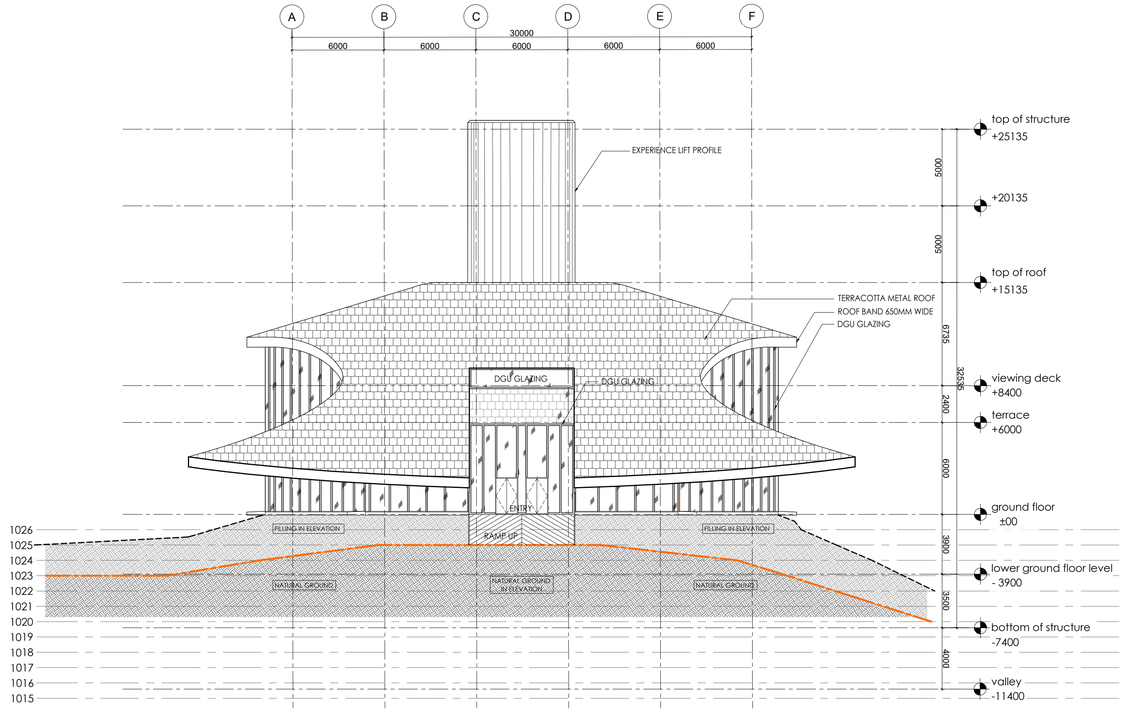
Date:	Scale:	Project No.:
30-08-2024	1:200	A-232409

Drawing No.: A-232409-B1-02-03 | A1 | R0



16 - SIDE ELEVATION

SCALE 1:200



17 - FRONT ELEVATION

SCALE 1:200

NOTES:

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No.	Date	Descriptions	Revision by

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Project: **TRIBAL HERITAGE CENTRE, MANDALGRE, MEGHALAYA**

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ARCHOHM ARCHITECTURE ENGINEERING URBANISM INTERIORS

c-28c, sector-8,
noida - 201301 (up)
t 91 120 46 40 300
f 91 120 42 46 788
mail@archohm.com
www.archohm.com

Structural Consultants:

TPC TECHNICAL PROJECTS CONSULTANTS(P)LTD.
H.O: B.78, sector 57, noida, uttar pradesh-201307(india)
BOARD NO: 91-120-4306800

Electrical Consultants:

ARCHOHM CONSULTANT PVT. LTD.
'C' 28C, SECTOR-8, NOIDA - 201301 (UP)
T: 91 120 46 40 300 F: 91 120 42 46 788
mail@archohm.com www.archohm.com

PHE Consultants:

WAC Engineers INDIA PVT. LTD.
MEP Consultants & Project Managers
B-78,Sector-6,Noida,UP-201301
Ph.: 0120-4504070,
E-mail:wac@waceng.com

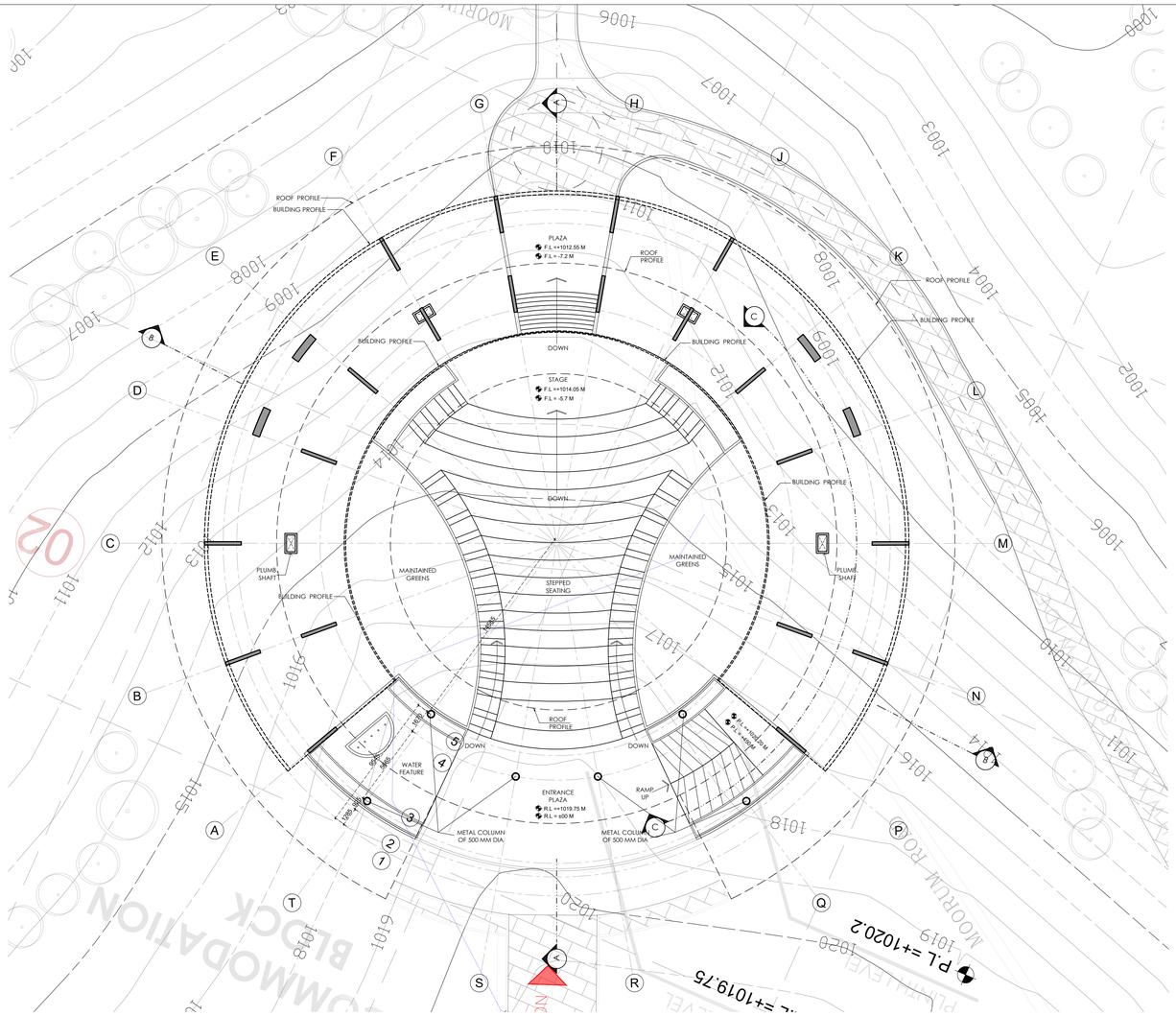
Drawn By	SJ
Checked By	GK
Design By	SG

Sheet Title:
TRIBAL HERITAGE CENTER
EXHIBITION & RESEARCH CENTER
ELEVATIONS

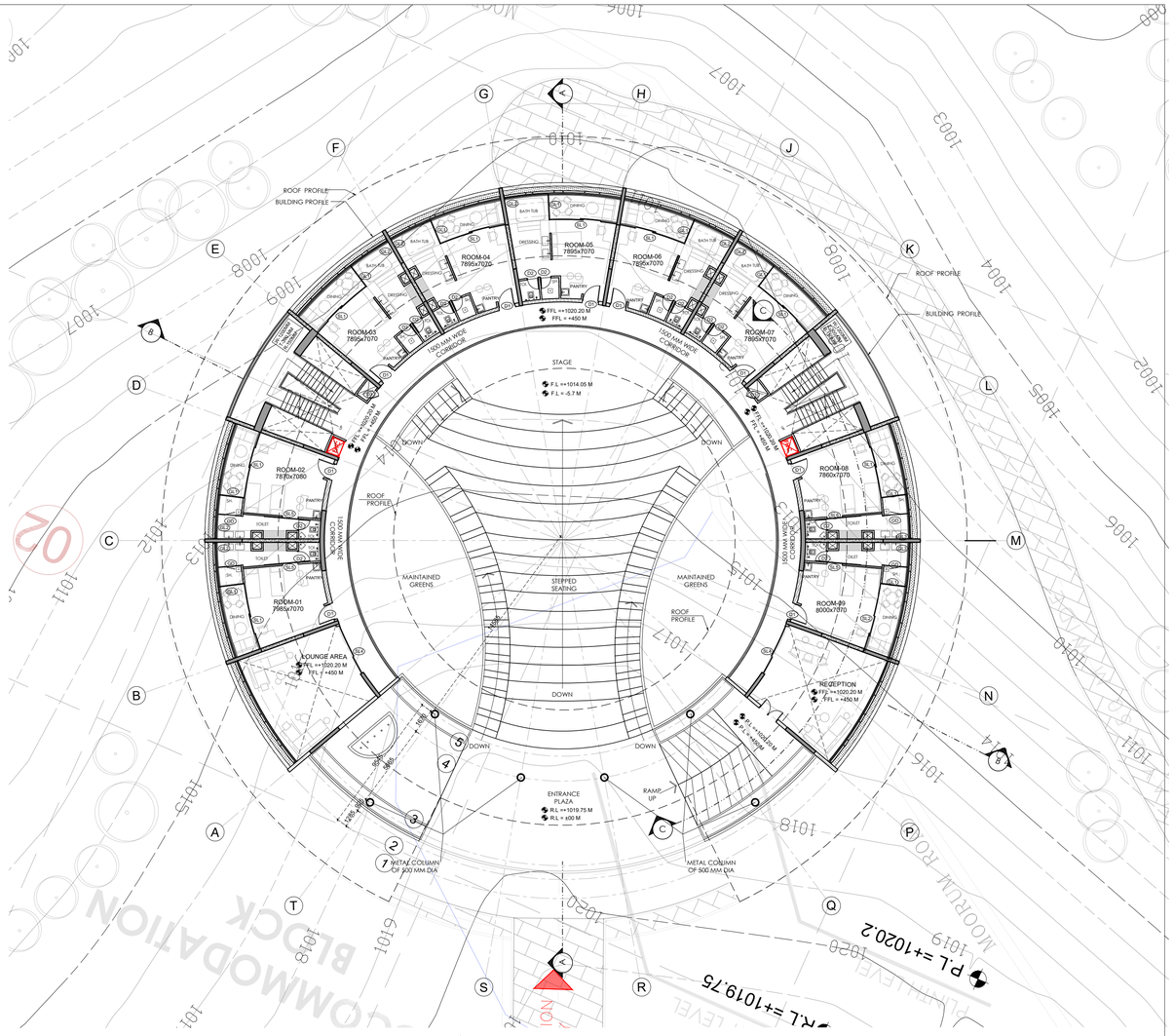
Date:	Scale:	Project No:-
30-08-2024	1:200	A-232409

Drawing No.: A-232409-B1-03-01

A1 R0



LOWER GROUND FLOOR PLAN
SCALE 1:200



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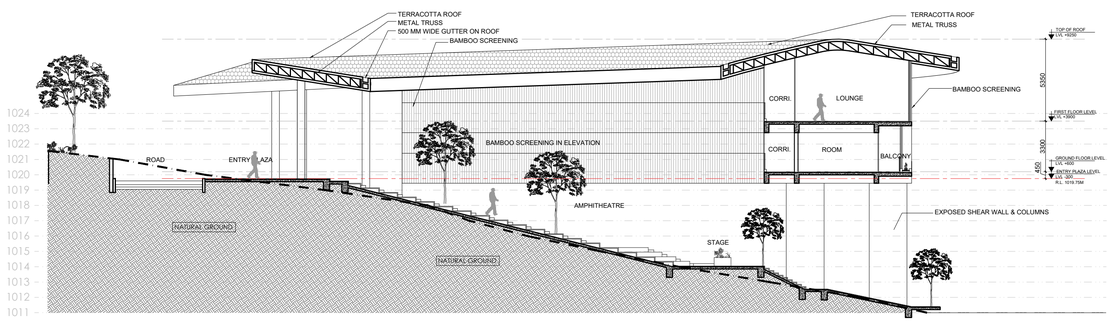
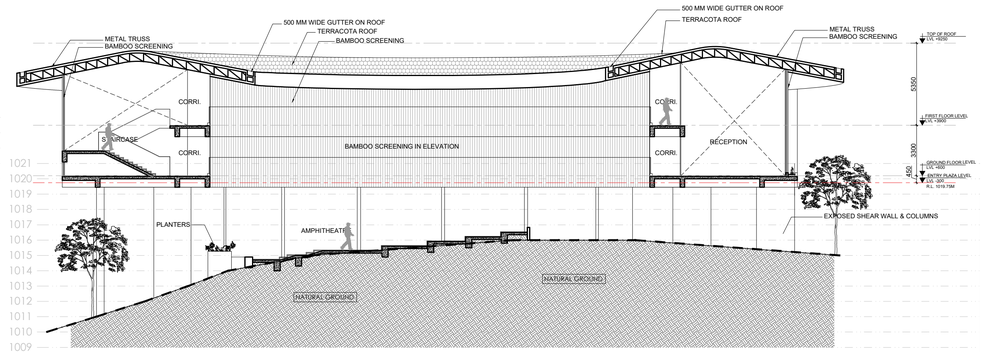


SECTION AA'
SCALE 1:200



SECTION BB'
SCALE 1:200

DOOR WINDOW SCHEDULE TRIBAL HERITAGE CENTRE, MANDALGRE

ACCOMMODATION BLOCK

DOOR WINDOW SCHEDULE

TAG	WIDTH	HEIGHT	CILL	LINTEL	MATERIAL	TYPE	REMARK
D1	1100	2400	0	2400	WOODEN DOOR	SINGLE SWING	DOOR
D2	750	2400	0	2400	WOODEN DOOR	SINGLE SWING	DOOR
D3	600	2400	0	2400	WOODEN DOOR	SINGLE SWING	DOOR
GD	1550	2400	0	2400	GLASS DOOR	SINGLE SWING	Shower cubicle Glass Door-750
SL1	4535	BEAM BOTTOM	0	BEAM BOTTOM	SLIDING GLASS DOOR	SLIDING	Glass wall with Sliding Door- 1150
SL2	4675	BEAM BOTTOM	0	BEAM BOTTOM	SLIDING GLASS DOOR	SLIDING	Glass wall with Sliding Door- 1150
SL3	5485	BEAM BOTTOM	0	BEAM BOTTOM	SLIDING GLASS DOOR	SLIDING	Glass wall with Sliding Door- 1150
SL4	3500	BEAM BOTTOM	0	BEAM BOTTOM	SLIDING GLASS DOOR	SLIDING	Glass wall with Sliding Door- 1150
SL5	1035	BEAM BOTTOM	0	BEAM BOTTOM	SLIDING GLASS DOOR	SLIDING	Glass wall

GLAZING SCHEDULE

GL1	1770	BEAM BOTTOM	100	BEAM BOTTOM	GLAZING	FIXED GLASS	_
GL2	2950	BEAM BOTTOM	100	BEAM BOTTOM	GLAZING	FIXED GLASS	_
GL3	3010	BEAM BOTTOM	100	BEAM BOTTOM	GLAZING	FIXED GLASS	_
GL4	8000	BEAM BOTTOM	100	BEAM BOTTOM	GLAZING	FIXED GLASS	_

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Project:
TRIBAL HERITAGE CENTRE, MANDALGRE, MEGHALAYA

Architects:
ARCHOHM ARCHITECTURE ENGINEERING ARCHOHM INTERIORS
c-28c, sector-8, noida - 201301 (up)
t 91 120 46 40 300
f 91 120 42 46 788
mail@archohm.com
www.archohm.com

Structural Consultants:
TPC TECHNICAL PROJECTS CONSULTANTS(P)LTD.
H.O: B-74, sector 57, noida, uttar pradesh-201301(India)
ISO/IEC NO: 41-120-A-000800

Electrical Consultants:
ARCHOHM CONSULTANT PVT. LTD.
SC, SPC, SEZ FOTB & NOIDA - 201301 (UP)
T 91 120 46 40 300 F 91 120 42 46 788
mail@archohm.com www.archohm.com

PHE Consultants:
WAC Engineers INDIA PVT. LTD.
MEP Consultants & Project Managers
B-76,Sector-5,Noida,UP-201301
Ph.: 0120-4304015,
E: mail.wac@wacengi.com

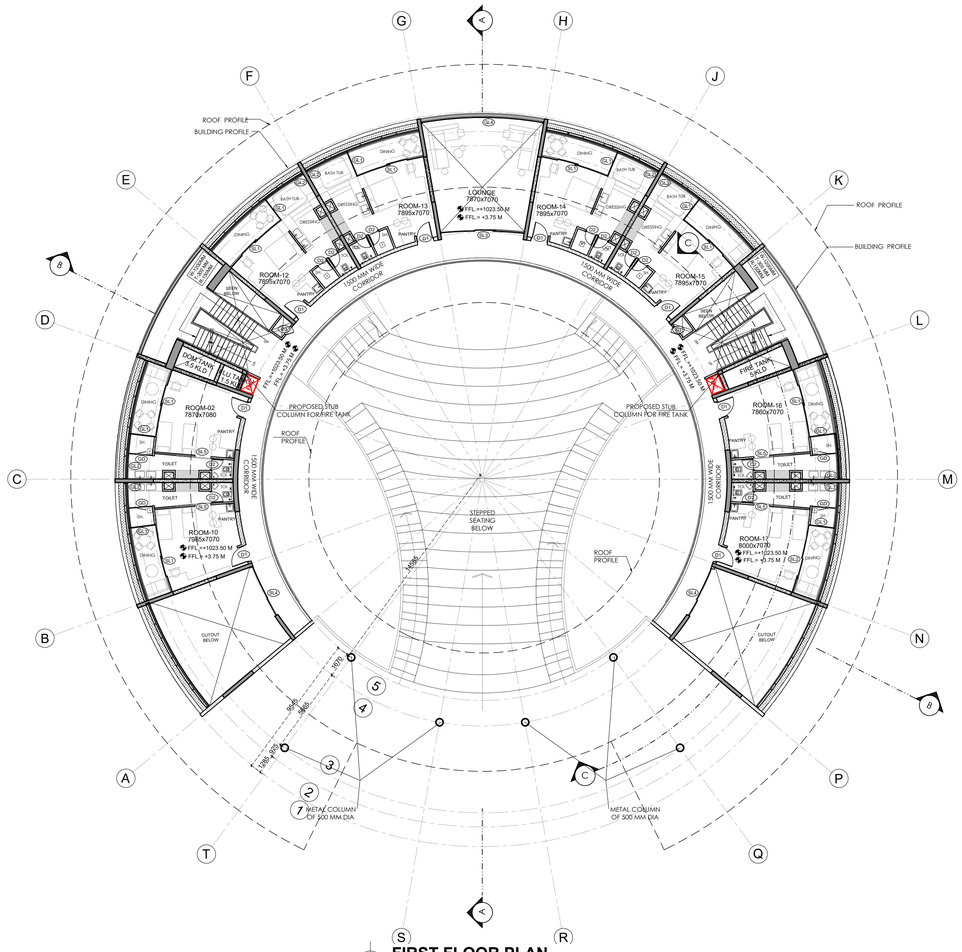
Drawn By	SJ
Checked By	GK
Design By	SG

Sheet Title:
TRIBAL HERITAGE CENTER ACCOMMODATION BLOCK (SHEET 01 OF 02)

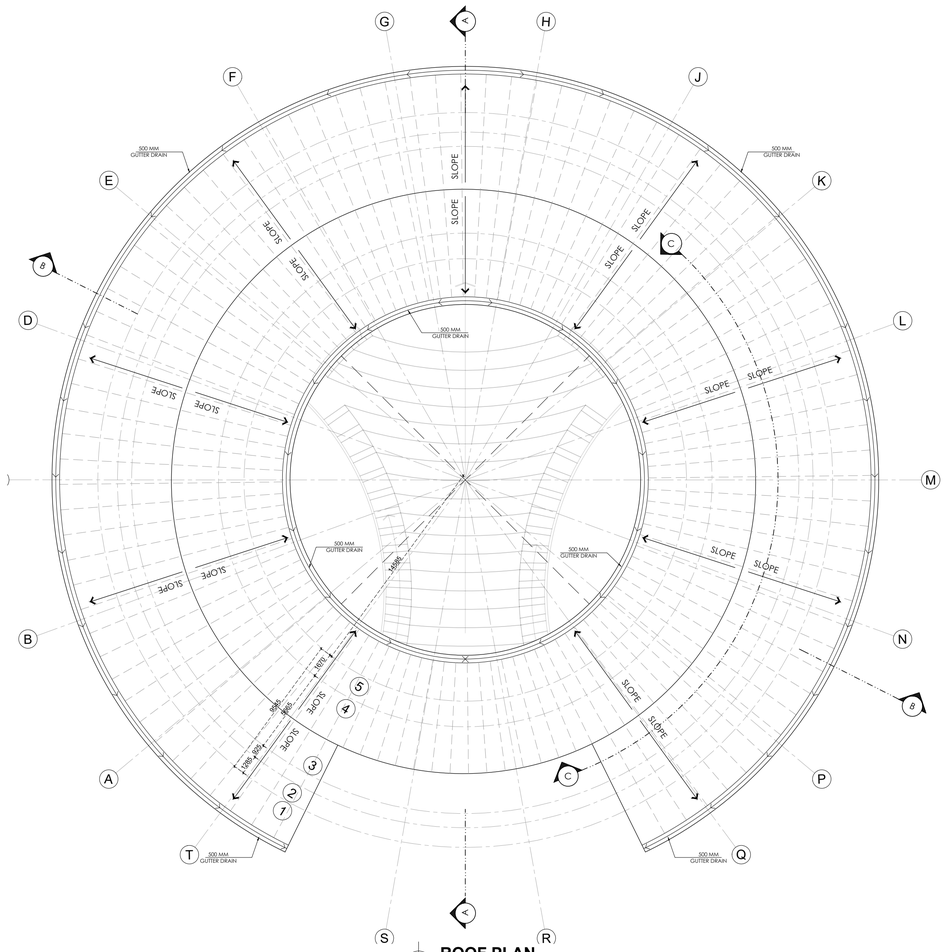
Date:	Scale:	Project No.:
30-08-2024	1:200	A-232409

Drawing No.: A-232409-B2-01-01

A1 R0



FIRST FLOOR PLAN
SCALE 1:200



ROOF PLAN
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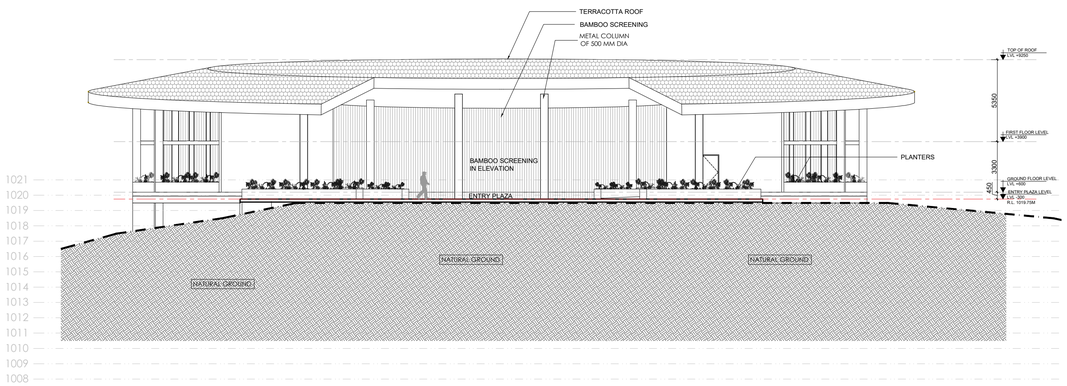
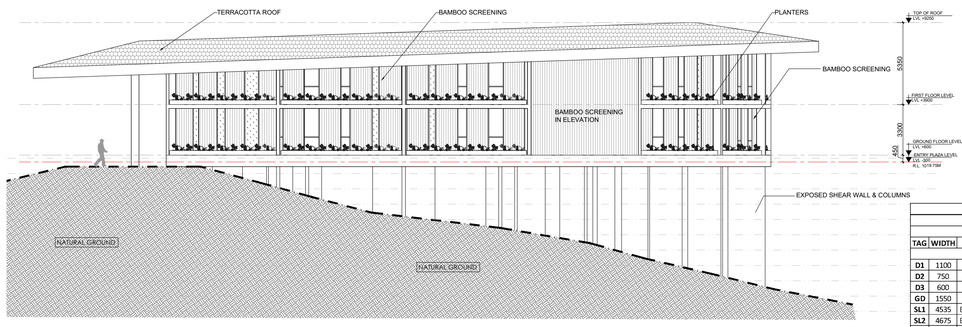


FRONT ELEVATION
SCALE 1:200



SIDE ELEVATION
SCALE 1:200

DOOR WINDOW SCHEDULE TRIBAL HERITAGE CENTRE, MANDALGRE

ACCOMMODATION BLOCK

DOOR WINDOW SCHEDULE

TAG	WIDTH	HEIGHT	CILL	LINTEL	MATERIAL	TYPE	REMARK
D1	1100	2400	0	2400	WOODEN DOOR	SINGLE SWING	DOOR
D2	750	2400	0	2400	WOODEN DOOR	SINGLE SWING	DOOR
D3	600	2400	0	2400	WOODEN DOOR	SINGLE SWING	DOOR
G0	1550	2400	0	2400	GLASS DOOR	SINGLE SWING	Shower cubicle Glass Door-750
SL1	4535	BEAM BOTTOM	0	BEAM BOTTOM	SLIDING GLASS DOOR	SLIDING	Glass wall with Sliding Door- 1150
SL2	4675	BEAM BOTTOM	0	BEAM BOTTOM	SLIDING GLASS DOOR	SLIDING	Glass wall with Sliding Door- 1150
SL3	5485	BEAM BOTTOM	0	BEAM BOTTOM	SLIDING GLASS DOOR	SLIDING	Glass wall with Sliding Door- 1150
SL4	3500	BEAM BOTTOM	0	BEAM BOTTOM	SLIDING GLASS DOOR	SLIDING	Glass wall with Sliding Door- 1150
SL5	1035	BEAM BOTTOM	0	BEAM BOTTOM	SLIDING GLASS DOOR	SLIDING	Glass wall

GLAZING SCHEDULE

GL1	1770	BEAM BOTTOM	100	BEAM BOTTOM	GLAZING	FIXED GLASS	--
GL2	2950	BEAM BOTTOM	100	BEAM BOTTOM	GLAZING	FIXED GLASS	--
GL3	3010	BEAM BOTTOM	100	BEAM BOTTOM	GLAZING	FIXED GLASS	--
GL4	8000	BEAM BOTTOM	100	BEAM BOTTOM	GLAZING	FIXED GLASS	--

NOTES:

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No.	Date	Descriptions	Revision by

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Project:

TRIBAL HERITAGE CENTRE, MANDALGRE, MEGHALAYA

Architects:
ARCHOHM ARCHITECTURE ENGINEERING URBANISM INTERIORS
c-28c, sector-8, noida - 201301 (up)
t 91 120 46 40 300
f 91 120 42 46 788
mail@archohm.com
www.archohm.com

Structural Consultants:
TPC TECHNICAL PROJECTS CONSULTANTS(P)LTD.
H.O- B-74, sector 57, noida, uttar pradesh-201301
BOARD NO- 91-120-4300850

Electrical Consultants:
ARCHOHM CONSULTANT PVT. LTD.
SC-28C, SECTOR-8, NOIDA - 201301 (UP)
T- 91 120 46 40 300 F- 91-120-42-46-788
mail@archohm.com| www.archohm.com

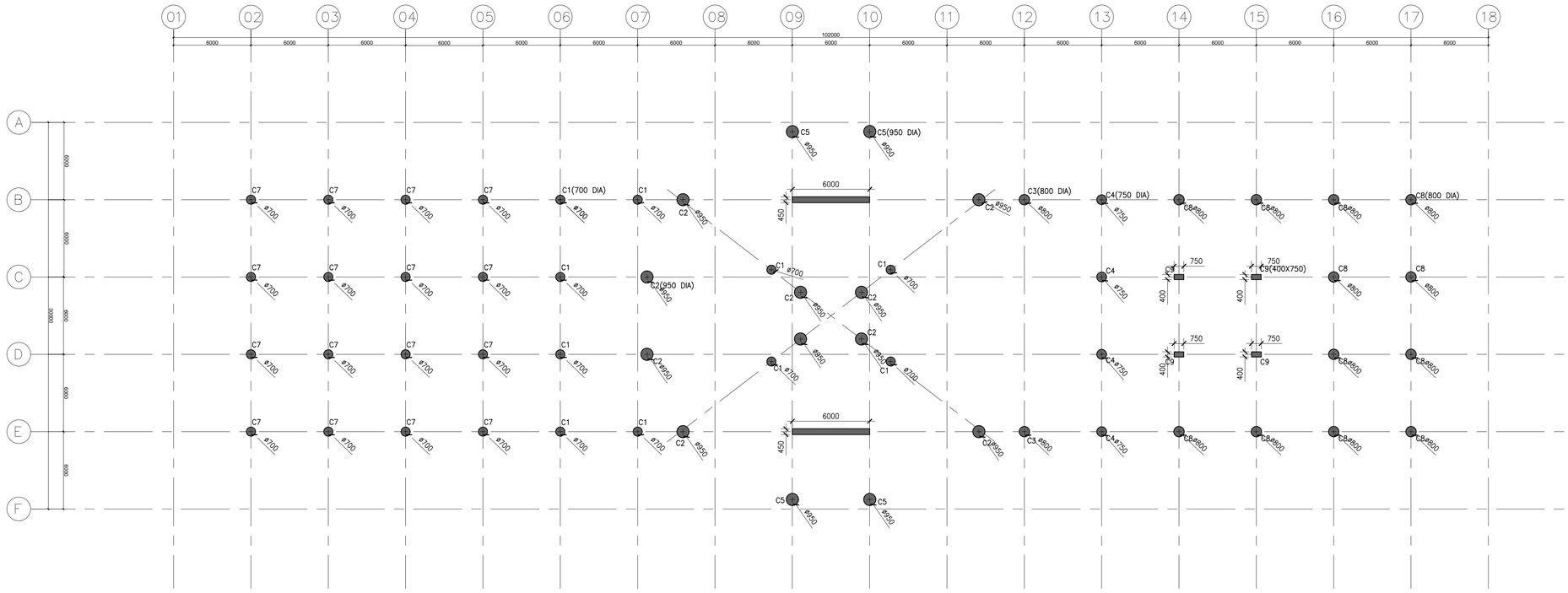
PHE Consultants:
WAC Engineers INDIA PVT. LTD.
MEP Consultants & Project Managers
B-78,Sector-8,Noida,UP-201301
Ph.- 0120-4104031
E-mail:wac@waceng.com

Drawn By	SJ
Checked By	GK
Design By	SG

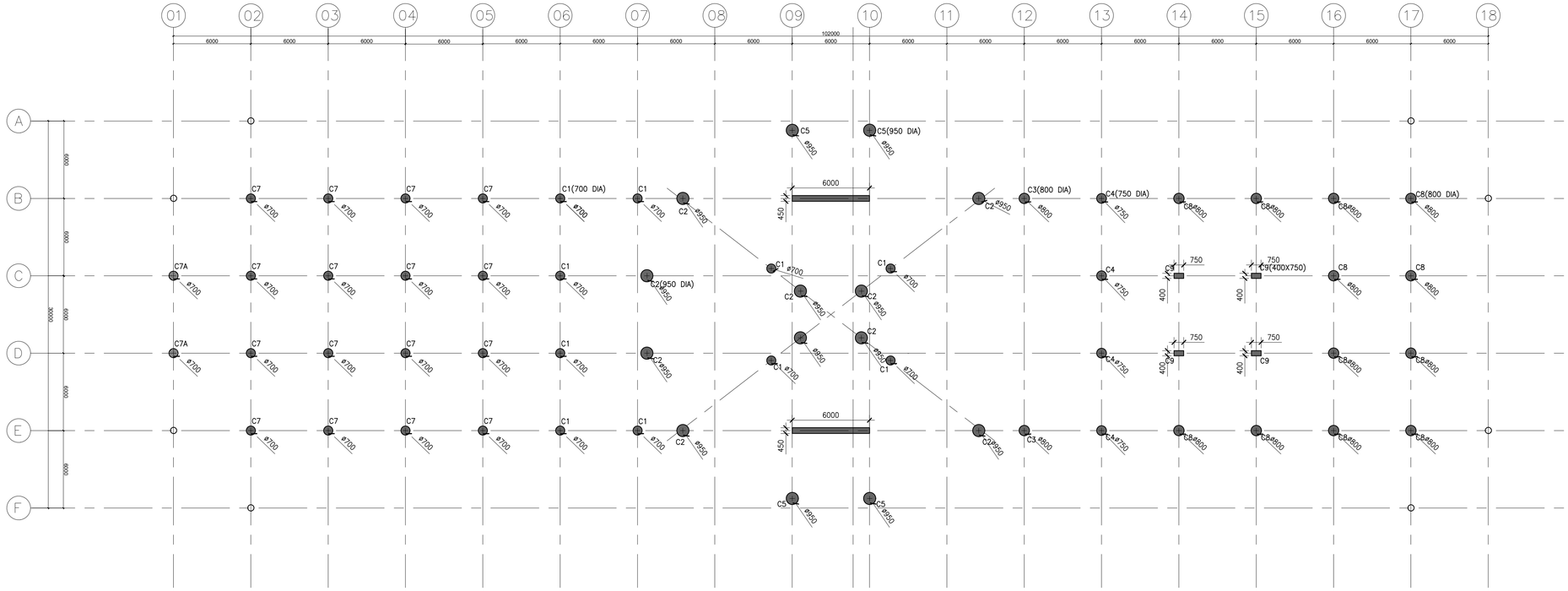
Sheet Title: TRIBAL HERITAGE CENTER ACCOMMODATION BLOCK (SHEET 02 OF 02)

Date:	Scale:	Project No:-
30-08-2024	1:200	A-232409

Drawing No.: A-232409-B2-01-02 | A1 | R0



USABLE TERRACE PLAN AT +9850 LVL.



GROUND FLOOR PLAN AT +3850 LVL.

This approval is based on review of the submitted structural modeling, analysis and design of the structure under reference and it does not absolve the structural design engineer of his responsibility regarding correctness, adequacy, accuracy and safety of the design and drawings and nor does it relieve him from any of his contractual obligations.

Dr. Bhupinder Singh
Professor
Department of Civil Engineering
Indian Institute of Technology (Roorkee)
Roorkee 247 667 (Uttarakhand) INDIA

Sept. 23, 2024

RELEASED FOR CONSTRUCTION
20-09-2024
TECHNICAL PROJECTS CONSULTANTS NOIDA-INDIA

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c-28c, sector-8, noida - 201301 (up)
t 91 120 46 40 300 f 91 120 42 46 788
mail@archohm.com
www.archohm.com

Structural Consultants:
TPC TECHNICAL PROJECTS CONSULTANTS(P)LTD.
H.O: B-74, sector 57 - noida, uttar pradesh-201301(India)
BOARD NO.-91-120-4306800

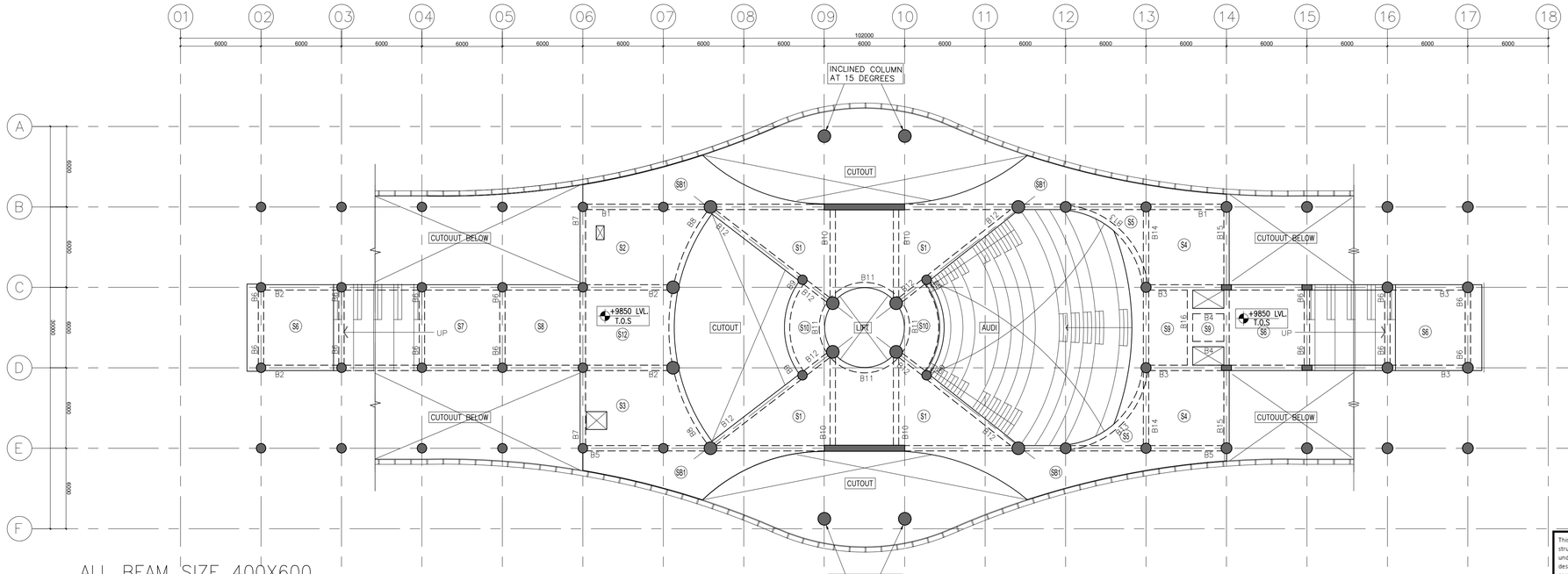
Electrical Consultants:
ARCHOHM CONSULTANT PVT. LTD.
3C+28C, SECTOR-8, NODA – 201301 (UP)
T 91 120 46 40 300 F 91 120 42 46 788
mail@archohm.com www.archohm.com

PHE Consultants:
WAC Engineers INDIA PVT. LTD.
MEP Consultants & Project Managers
B-78,Sector-4,Noida,UP-201301
Ph.: 0120-4504693,
E-mail: wac@waccmep.com

Drawn By	SJ	
Checked By	GK	
Design By	SG	

Sheet Title:
EXHIBITION & RESEARCH CENTRE
GROUND FLOOR PLAN AT +3850 LVL.
USABLE TERRACE PLAN AT +9850 LVL.
COLUMN LAYOUT PLANS

Date: 20.09.2024
Scale: 1:200
Project No.-: 2024-024
Drawing No.: 2024-024-S-02.1
A1 R0



ALL BEAM SIZE 400X600
ALL SLAB 225mm THK. U.N.O.

USABLE TERRACE PLAN AT +9850 LVL.

SLAB THK. SCHEDULE	
SLAB MARK	SLAB THICKNESS
S1	260mm
S2	280mm
S3	280mm
S4	200mm
S5	200mm
S6	250mm
S7	240mm
S8	225mm
S9	125mm
S10	125mm
S11	200mm
S12	225mm
SB1	350mm

BEAM SIZE SCHEDULE	
BEAM MARK	BEAM SIZE
B1	400x600
B2	400x600
B3	400x600
B4	400x600
B5	400x600
B6	400x600
B7	400x600
B8	400x600
B9	400x600
B10	400x600
B11	400x600
B12	400x600
B13	400x600
B14	400x600
B15	400x600
B16	400x600

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Dr. Bhupinder Singh
Professor
Department of Civil Engineering
Indian Institute of Technology - Roorkee
Roorkee 247 667 Uttarakhand, INDIA

Sept. 23, 2024

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20-09-2024
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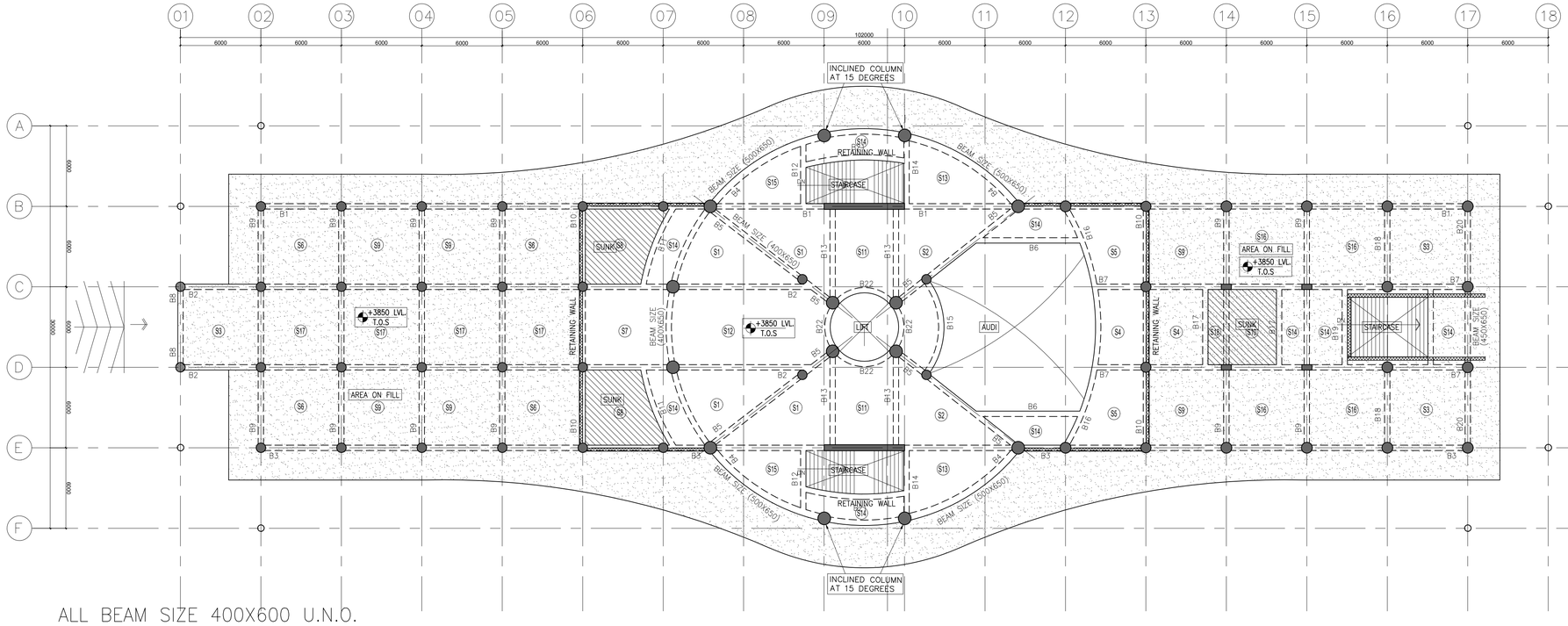
NOIDA-INDIA



ALL BEAM SIZE 400X600 U.N.O.
ALL SLAB 225mm THK. U.N.O.

GROUND FLOOR PLAN AT +3850 LVL.

SLAB THK. SCHEDULE	
SLAB MARK	SLAB THICKNESS
S1	225mm
S2	250mm
S3	225mm
S4	150mm
S5	200mm
S6	200mm
S7	225mm
S8	240mm
S9	200mm
S10	200mm
S11	175mm
S12	260mm
S13	200mm
S14	150mm
S15	175mm
S16	210mm
S17	175mm
S18	125mm

BEAM SIZE SCHEDULE	
BEAM MARK	BEAM SIZE
B1	400x600
B2	400x600
B3	400x600
B4	400/500x650
B5	400x650
B6	400x600
B7	400x600
B8	400x600
B9	400x600
B10	400x600
B11	400x600
B12	400x600
B13	400x600
B14	400x600
B15	400x600
B16	400x600
B17	400x600
B18	400x600
B19	400x600
B20	400/450x650
B21	400x600

NOTES:

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REVISIONS

No.	Date	Descriptions	Revision by

Client:
MEGHALAYAN AGE LIMITED (MAL)

Project: **TRIBAL HERITAGE CENTRE, MANDALGRE, MEGHALAYA**

Architects:
ARCHOHM ARCHITECTURE ENGINEERING INTERIORS
c-28c, sector-8, noida - 201301 (up)
t 91 120 46 40 300
f 91 120 42 46 788
mail@archohm.com
www.archohm.com

Structural Consultants:
TPC TECHNICAL PROJECTS CONSULTANTS(P)LTD.
H.O. B-74, sector 57, noida, uttar pradesh-201301(india)
BOARD NO. 91-120-4306800

Electrical Consultants:
ARCHOHM CONSULTANT PVT. LTD.
SC-28C, SECTOR-8, NOIDA – 201301 (UP)
P : 91 120 46 40 300 F : 91 120 42 46 788
mail@archohm.com www.archohm.com

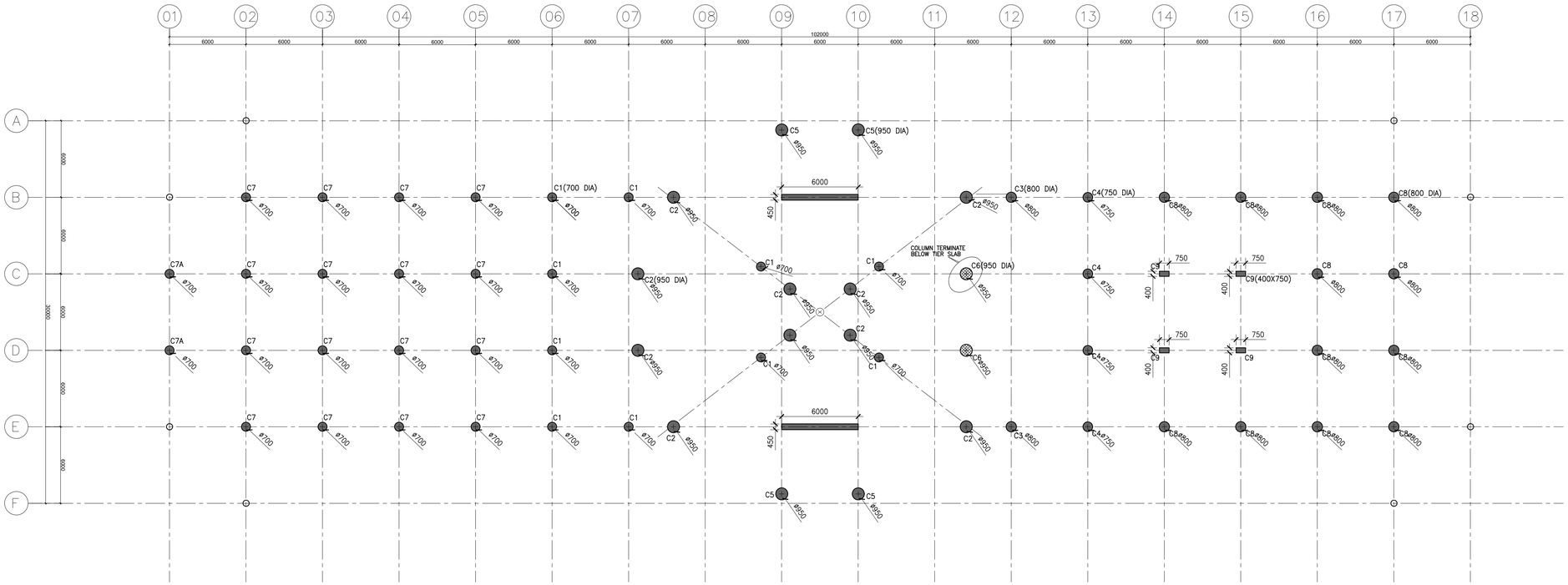
PHE Consultants:
WAC Engineers INDIA PVT. LTD.
MEP Consultants & Project Managers
B-78,Sector-4,Noida,UP-201301
Ph.: 0120-4504693,
E-mail: wac@wacmep.com

Drawn By	SJ	
Checked By	GK	
Design By	SG	

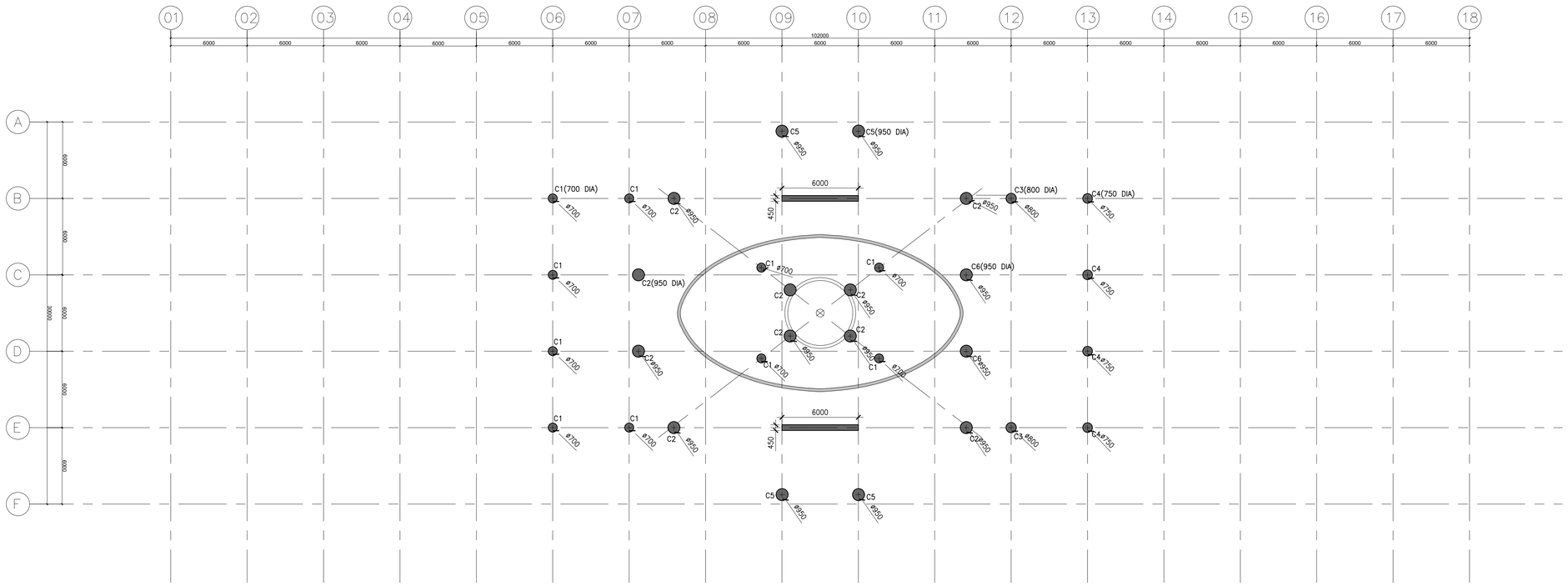
Sheet Title:
EXHIBITION & RESEARCH CENTRE
GROUND FLOOR PLAN AT +3850 LVL.
USABLE TERRACE PLAN AT +9850 LVL.
FRAMING PLANS

Date:	Scale:	Project No:-
20.09.2024	1:200	2024-024

Drawing No.: 2024-024-S-04.0 | A1 | R0



LOWER GROUND FLOOR PLAN AT ±0.00 LVL.



SERVICE FLOOR PLAN AT −2700 LVL.

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Professor
Department of Civil Engineering
Indian Institute of Technology Roorkee
Roorkee 247 667, Uttarakhand, INDIA

Sept. 23, 2024

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TECHNICAL PROJECTS CONSULTANTS
NOIDA-INDIA

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REVISIONS

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ARCHOHM ARCHITECTURE ENGINEERING URBANWORK INTERIORS
o-28c, sector-8, noida – 201301 (up)
t 91 120 46 40 300
f 91 120 42 46 788
mail@archohm.com
www.archohm.com

Structural Consultants:
TPC TECHNICAL PROJECTS CONSULTANTS(P)LTD.
A-23 & 24, sector 57, noida, uttar pradesh-201301India
BOARD NO. 91-120-4306800

Electrical Consultants:
ARCHOHM CONSULTANT PVT. LTD.
3C–28C, SECTOR–8, NOIDA – 201301 (UP)
T : 91 120 46 40 300 F : 91 120 42 46 788
mail@archohm.com www.archohm.com

PHE Consultants:
WAC Engineers INDIA PVT. LTD.
MEP Consultants & Project Managers
B–78,Sector–6,Noida,UP– 201301
Ph.: 0120– 4024693,
E–mail: wac@wacmep.com

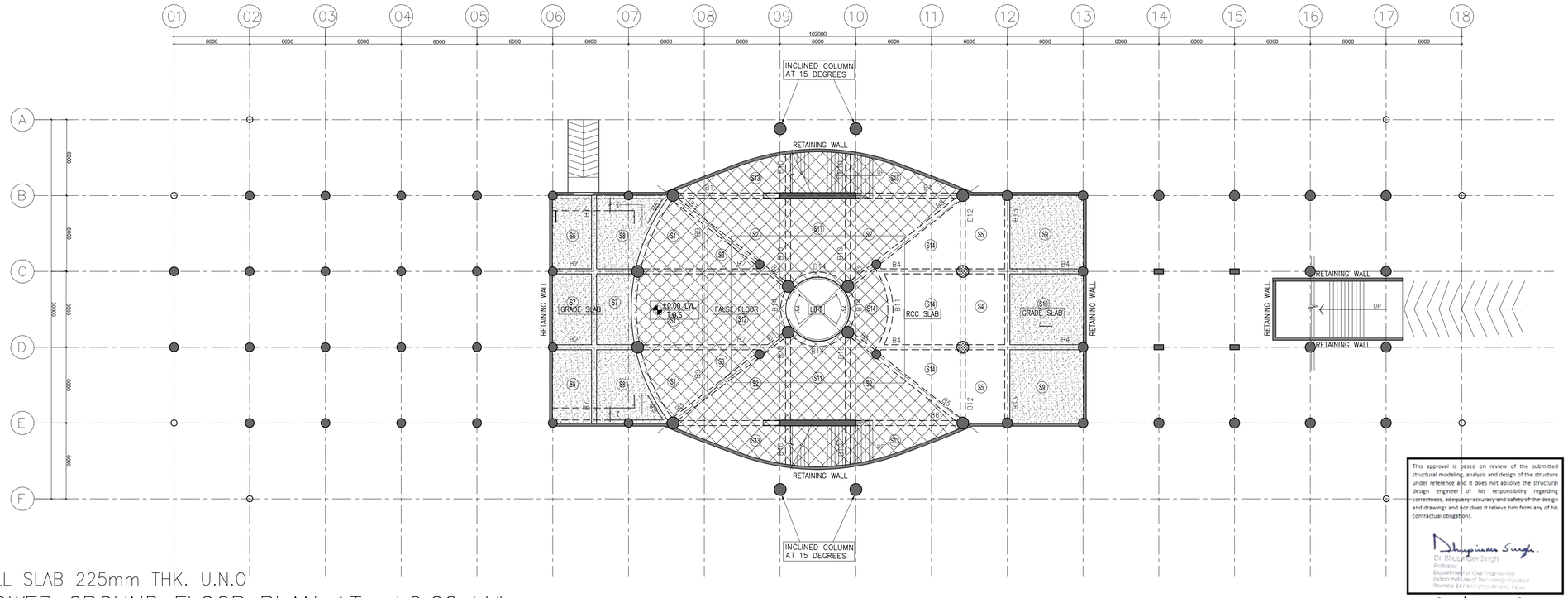
Drawn By	JK
Checked By	BHARTH
Design By	OSHEEN

Sheet Title:
EXHIBITION & RESEARCH CENTRE
SERVICE FLOOR PLAN AT -2700 LVL.
LOWER GROUND FLOOR PLAN AT ±0.00 LVL.
COLUMN LAYOUT PLANS

Date:	Scale:	Project No:-
20.09.2024	1:200	2024-024

Drawing No.: 2024-024-S-02.0

A1 R0



ALL SLAB 225mm THK. U.N.O

LOWER GROUND FLOOR PLAN AT ±0.00 LVL.

SLAB THK. SCHEDULE	
SLAB MARK	SLAB THICKNESS
S1	175mm
S2	260mm
S3	125mm
S4	150mm
S5	150mm
S6	200mm
S7	200mm
S8	225mm
S9	250mm
S10	250mm
S11	175mm
S12	200mm
S13	175mm
S14	210mm

BEAM SIZE SCHEDULE	
BEAM MARK	BEAM SIZE
B1	400x600
B2	400x600
B3	400x600
B4	400x600
B5	400x600
B6	400x600
B7	400x600
B8	400x600
B9	400x600
B10	400x600
B11	400x600
B12	400x600
B13	400x600
B14	400x600

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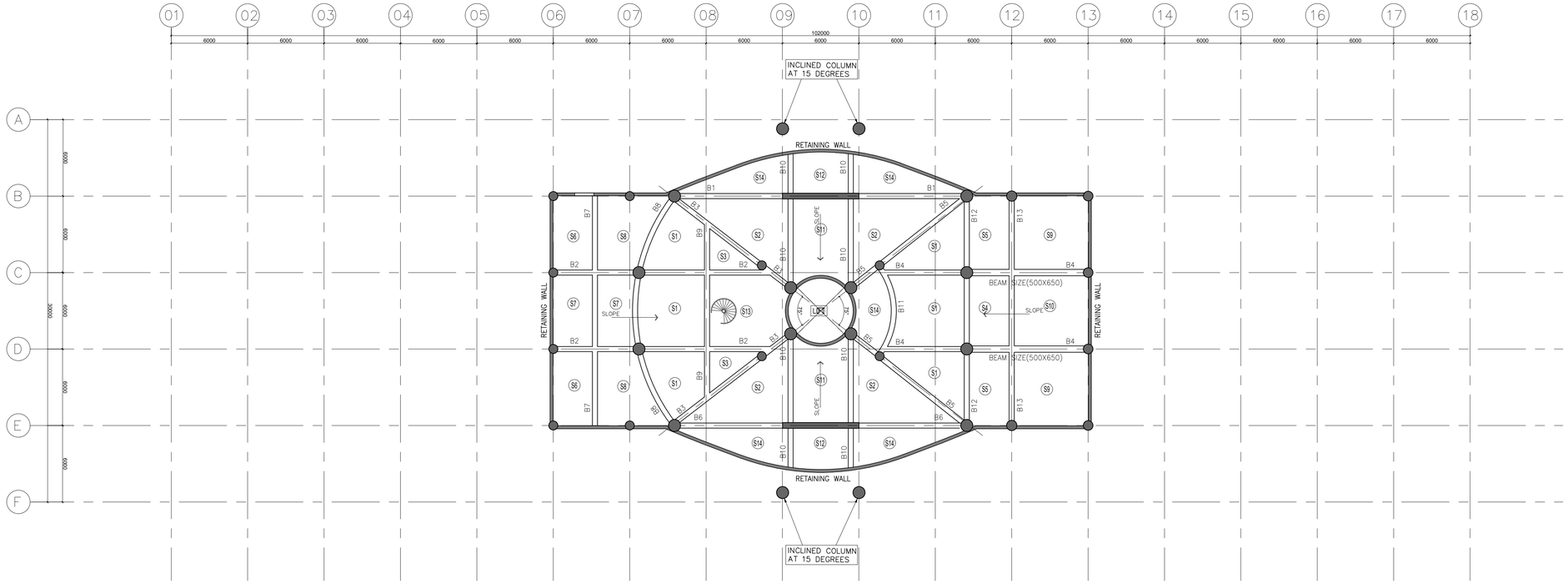
Dr. Bhupinder Singh
Professor
Department of Civil Engineering
Indian Institute of Technology Ropar
Rupnagar 140 001 Punjab, India

Sept. 23, 2024



ALL SLAB 225mm THK. U.N.O
ALL BEAM ARE UPTURN AT THIS LVL.

SERVICE FLOOR PLAN AT −2700 LVL.

RELEASED FOR CONSTRUCTION
20/09/2024
TECHNICAL PROJECTS CONSULTANTS NOIDA-INDIA

SLAB THK. SCHEDULE	
SLAB MARK	SLAB THICKNESS
S1	175mm
S2	260mm
S3	125mm
S4	150mm
S5	150mm
S6	200mm
S7	200mm
S8	225mm
S9	250mm
S10	250mm
S11	175mm
S12	150mm
S13	200mm
S14	175mm

BEAM SIZE SCHEDULE	
BEAM MARK	BEAM SIZE
B1	400x600
B2	400x600
B3	400x600
B4	500x650
B5	400x600
B6	400x600
B7	400x600
B8	400x600
B9	400x600
B10	400x600
B11	400x600
B12	400x600
B13	400x600

NOTES:

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o-28c, sector-8, noida - 201301 (up)
t 91 120 46 40 300
f 91 120 42 46 788
mail@archohm.com
www.archohm.com

Structural Consultants:
TPC TECHNICAL PROJECTS CONSULTANTS(P).LTD.
H.O. B-10, sector 57, noida, uttar pradesh, india
BOARD NO. 91-120-4356600

Electrical Consultants:
ARCHOHM CONSULTANT PVT. LTD.
3C—28C, SECTOR—8, NOIDA — 201 301 (UP)
T : 91 120 46 40 300 F : 91 120 42 46 788
mail@archohm.com www.archohm.com

PHE Consultants:
WAC Engineers INDIA PVT. LTD.
MEP Consultants & Project Managers
B—78,Sector—6,Noida,UP—201301
Ph.: 0120—4504693,
E—mail: wac@wacmep.com

Drawn By	JK
Checked By	BHARTH
Design By	OSHEEN

Sheet Title:
EXHIBITION & RESEARCH CENTRE
SERVICE FLOOR PLAN AT -2700 LVL.
LOWER GROUND FLOOR PLAN AT ±0.00 LVL.
FRAMING PLANS

Date:	Scale:	Project No:-
20.09.2024	1:200	2024-024

Drawing No.: 2024-024-S-03.0 | A1 | R0

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Dr Bhupinder Singh
Professor
Department of Civil Engineering
Indian Institute of Technology Roorkee
Roorkee 247 667 Uttarakhand, India

Sept. 17, 2024

NOTES

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2. FIGURED DIMENSIONS ONLY SHALL BE FOLLOWED.
3. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED.
4. FOUNDATION BASE LEAN CONCRETE SHALL BE OF MIX 1:4:8(1 CEMENT:4 COARSE SAND: 8 GRADED STONE AGG.)
5. MIX OF CONCRETE SHALL BE:–

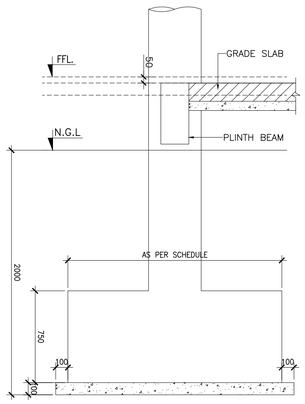
* COLUMN/SHEAR WALL AS PER SHEDULE.	
* FOOTINGS	M–30
* EXTENDED BASEMENT FOOTINGS	M–30
* RETAINING WALL	M–30
* TIE SLAB	M–30

6. CLEAR COVER TO MAIN REINF. FOR R.C.C MEMBERS SHALL BE AS UNDER:–
   FOUNDATION'S
   BOTTOM 50mm
   TOP/SIDES 40mm
7. REINFORCEMENT SHALL BE IN FORM OF HIGH STRENGTH COLD ROLLED DEFORMED STEEL BARS OF GRADE Fe500ALL CONFORMING TO IS:1786–2008.
8. LAP LENGTH OF STEEL REINFORCING BARS SHALL BE:–

MIX OF CONCRETE	REINF.fe–500 BARS
M–20	57D
M–25	49D
M–30	45D
M–35	40D
M–40 & ABOVE	36D

'D' IS THE DIA OF REINF. BARS

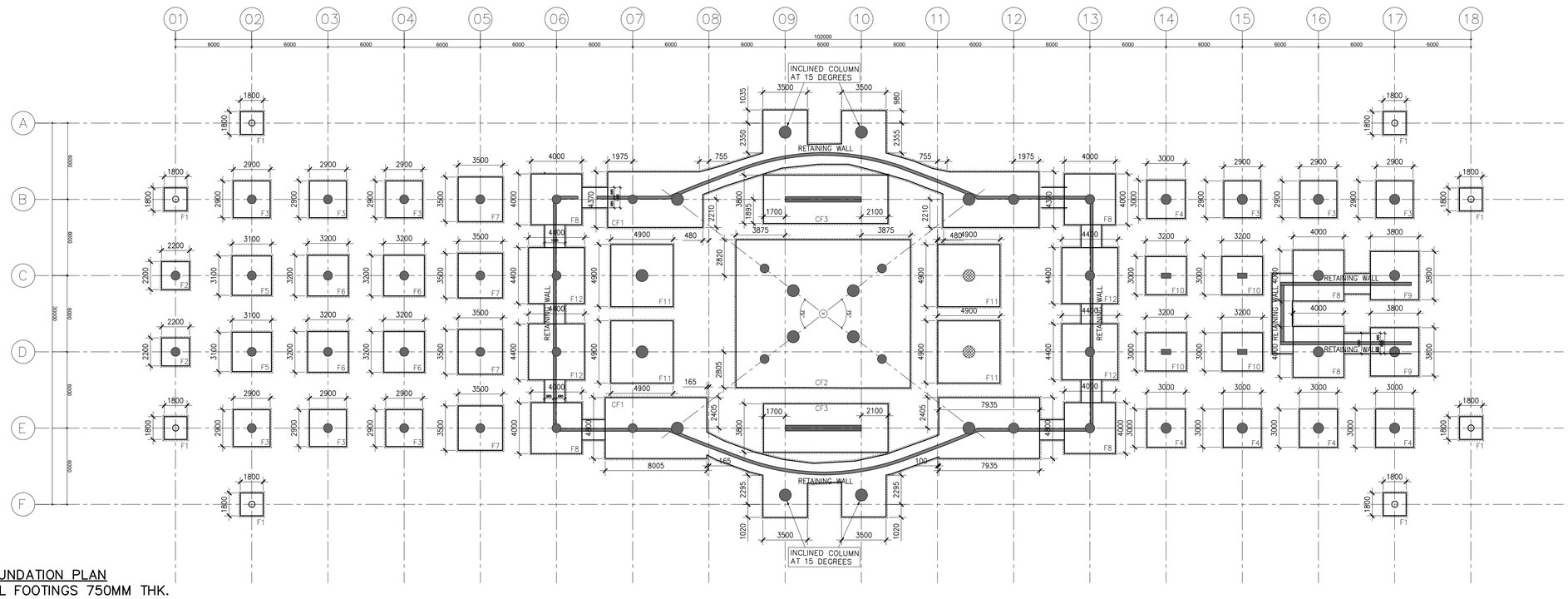
* RETAINING WALL IS DESIGNED SUPPORTED AT ROOF LEVEL,NO BACK FILL IS TO BE EXECUTED TILL RESPECTIVE ROOF IS CAST AND CURED.
* IN CASE OF EXTRA EXCAVATION FOUNDATION TO BE LAID ON WELL COMPACTED SOIL HAVING PROCTOR DENSITY OF MORE THAN 95% OR FILL ADDITIONAL EXCAVATED AREA WITH PCC 1:6:12.
* ALL ISOLATED FOOTINGS SYMMITRICAL TO ℄ OF COLUMNS.
* ALL COMBINED FOOTINGS SYMMITRICAL TO LINE JOINING ℄ OF COLUMNS.
* FOUNDATION TO BE PLACED ON FIRM NATURAL SOIL IF REQUIRED FOUNDING LEVEL TO BE LOWERED.
* INCASE OF OVERLAPPING OF EXTRA BARS SINGLE LENGTH BAR CAN BE PROVIDED.
* CO–ORDINATE LEVELS WITH ARCH DRG. BEFORE
* PROVIDE SLEEVES,INSERTS ETC, AS/SERVICE DRG.
* ANTITERMITE TREATMENT OT FOUNDATIONS AND PLINTH FILLING SHALL CONFORM TO IS :6313



TYPICAL FOOTING SECTION

ISOLATED/COMBINED FOOTING SCHEDULE

FOOTING NO.	SIZE Length(L) L	SIZE Breadth(B) B	DEPTH D
F1	1800	1800	750
F2	2200	2200	750
F3	2900	2900	750
F4	3000	3000	750
F5	3100	3100	750
F6	3200	3200	750
F7	3500	3500	750
F8	4000	4000	750
F9	3800	3800	750
F10	3000	3200	750
F11	4900	4900	750
F12	4400	4400	750
CF1	AS/PLAN	AS/PLAN	750
CF2	AS/PLAN	AS/PLAN	750
CF3	AS/PLAN	AS/PLAN	750



FOUNDATION PLAN
ALL FOOTINGS 750MM THK.

NOTES:

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REVISIONS

No.	Date	Descriptions	Revision by

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MEGHALAYAN AGE LIMITED (MAL)

Project: **TRIBAL HERITAGE CENTRE, MANDALGRE, MEGHALAYA**

Architects:
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c–28c, sector–8, noida – 201301 (up)
t 91 120 46 40 300
f 91 120 42 46 788
mail@archohm.com
www.archohm.com

Structural Consultants:
TPC TECHNICAL PROJECTS CONSULTANTS(P)LTD.
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Electrical Consultants:
ARCHOHM CONSULTANT PVT. LTD.
3C–28C, SECTOR–8, NODA – 201301 (UP)
T 91 120 46 40 300 F 91 120 42 46 788
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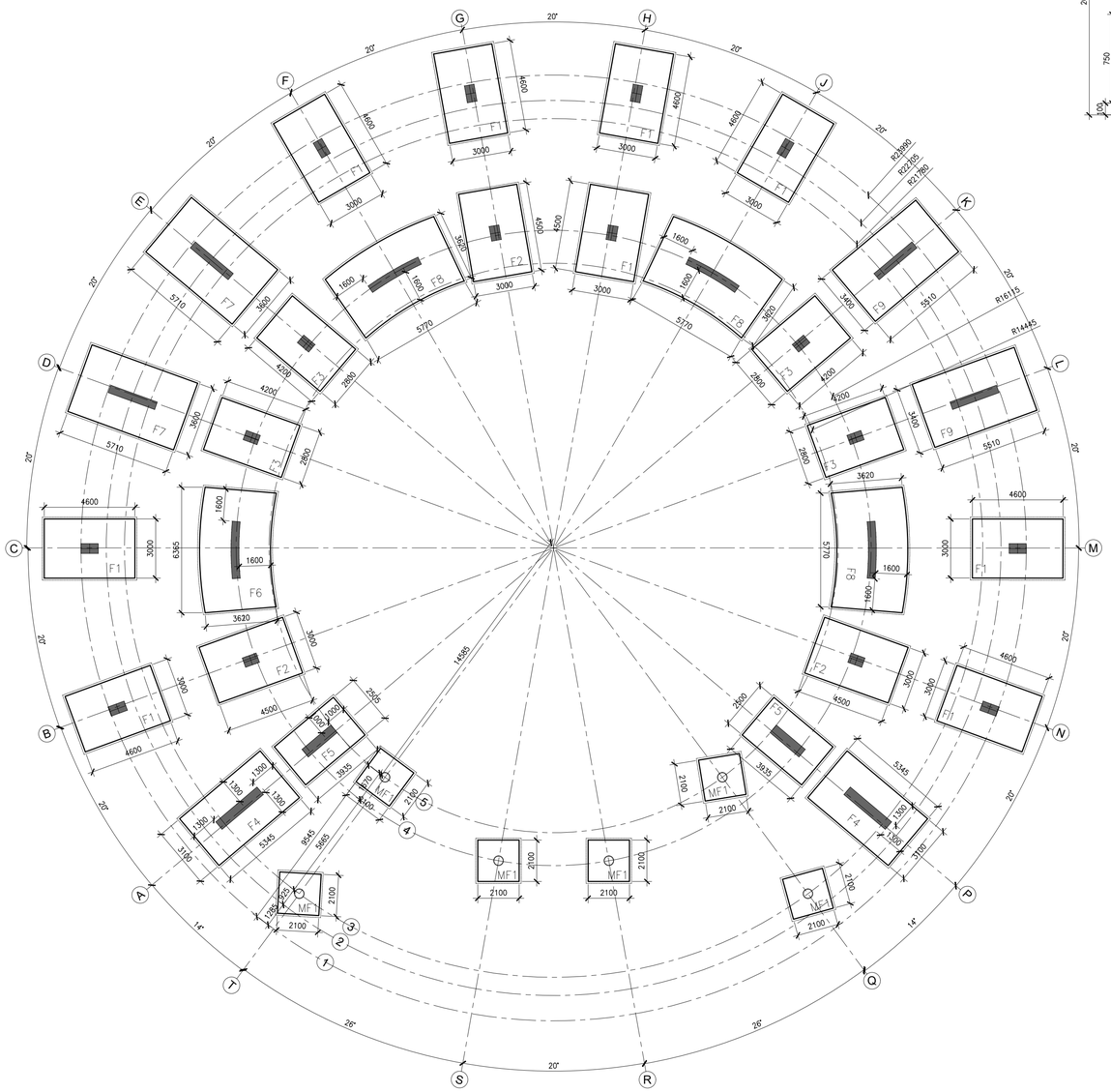
B–78,Sector–6,Noida,UP–201301
Ph.: 0120–4504693,
E–mail: wac@waccmep.com

Drawn By	JK
Checked By	BHARTH
Design By	OSHEEN

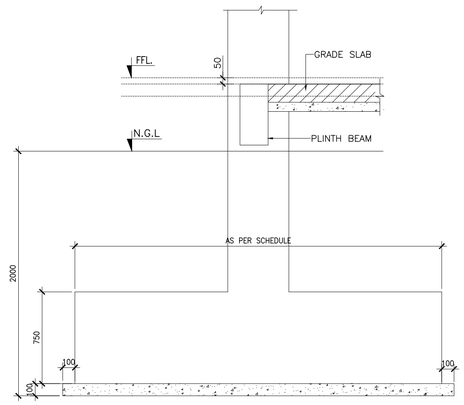
Sheet Title:
EXHIBITION & RESEARCH CENTRE
FOUNDATION PLAN & DETAILS

Date:	Scale:	Project No.:
16-09-2024	1:200	2024-024

Drawing No.: 2024-024-S-01.0 | A1 | R0



FOUNDATION PLAN
ALL FOOTINGS 650MM THK.



TYPICAL FOOTING SECTION

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Dr. Bhupinder Singh
Professor
Department of Civil Engineering
Indian Institute of Technology Ropar
Rupnagar 140 001 (Punjab) INDIA

Sept. 17, 2024

ISOLATED/COMBINED FOOTING SCHEDULE

FOOTING NO.	SIZE		DEPTH
	Length(L) L	Breadth(B) B	D
F1	3000	4600	650
F2	3000	4500	650
F3	2800	4200	650
F4	AS/PLAN	AS/PLAN	650
F5	AS/PLAN	AS/PLAN	650
F6	AS/PLAN	AS/PLAN	650
F7	AS/PLAN	AS/PLAN	650
F8	AS/PLAN	AS/PLAN	650
F9	AS/PLAN	AS/PLAN	650
MF1	2100	2100	650

NOTES

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5. MIX OF CONCRETE SHALL BE:–

* COLUMN/SHEAR WALL AS PER SHEDULE.	
* FOOTINGS	M–30
* EXTENDED BASEMENT FOOTINGS	M–30
* RETAINING WALL	M–30
* TIE SLAB	M–30

6. CLEAR COVER TO MAIN REINF. FOR R.C.C MEMBERS SHALL BE AS UNDER:–
   FOUNDATION'S
   BOTTOM 50mm
   TOP/SIDES 40mm
7. REINFORCEMENT SHALL BE IN FORM OF HIGH STRENGTH COLD ROLLED DEFORMED STEEL BARS OF GRADE Fe500ALL CONFORMING TO IS:1786–2008.
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M–30	45D
M–35	40D
M–40 & ABOVE	36D

'D' IS THE DIA OF REINF. BARS

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* INCASE OF OVERLAPPING OF EXTRA BARS SINGLE LENGTH BAR CAN BE PROVIDED.
* CO–ORDINATE LEVELS WITH ARCH DRG. BEFORE
* PROVIDE SLEEVES,INSERTS ETC, AS/SERVICE DRG.
*ANTITERMITE TREATMENT OT FOUNDATIONS AND PLINTH FILLING SHALL CONFORM TO IS :6313

REV.NO	DATE	DESCRIPTION

REVISIONS

CLIENT

PROJECT

TRIBAL HERITAGE CENTRE,
MANDALGRE, MEGHALAYA

ARCHITECTS :

ARCHOHM
ARCHITECTURE ENGINEERING URBANISM INTERIORS

c-28c, sector-8,
noida - 201301 (up)
t 91 120 46 40 300
f 91 120 42 46 788
mail@archohm.com
www.archohm.com

STRUCTURAL CONSULTANTS

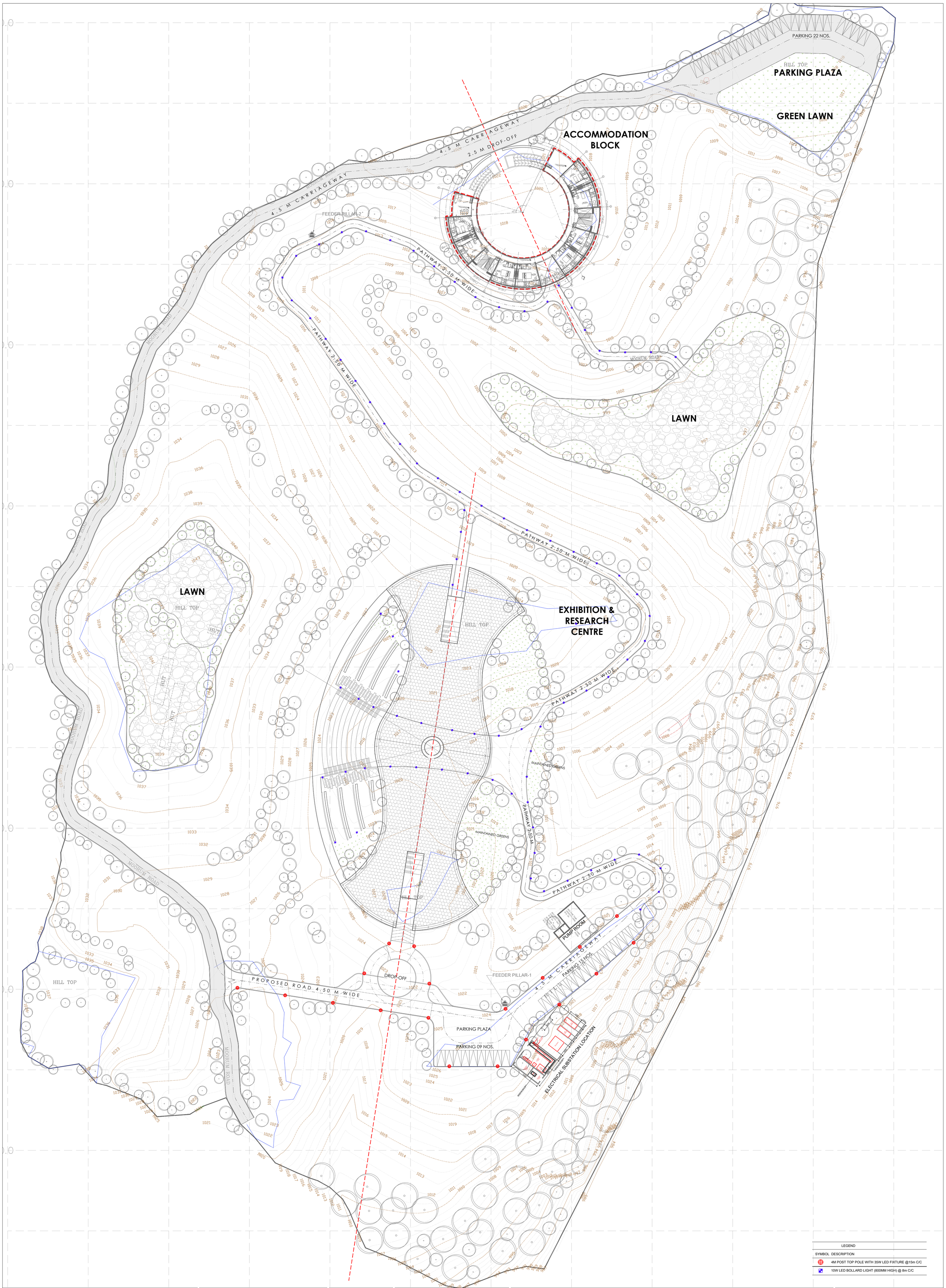
TPC TECHNICAL PROJECTS CONSULTANTS(P)LTD.
H.O- B-74, SECTOR 57, NOIDA
UTTAR PRADESH-201301(INDIA)
BOARD NO:-91-120-4306800

DESIGN & ENGINEERING ▪ COST & QUALITY MANAGEMENT ▪ RETROFITTING
GURGAON ▪ HYDERABAD ▪ NEWDELHI ▪ NOIDA

DRAWING TITLE :

EXHIBITION & RESEARCH CENTER
FOUNDATION PLAN

PROJECT CODE	....	REVISION
DATE	16.09.2024	
DRAWN BY :	ARUN	R0
CHECKED	PG	DRAWING NO.
SCALE	1:75	.....



LEGEND	
SYMBOL	DESCRIPTION
	4M POST TOP POLE WITH 35W LED FIXTURE @15m C/C
	10W LED BOLLARD LIGHT (800MM HIGH) @ 8m C/C

NOTES:

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REVISIONS

No.	Date	Descriptions	Revision by

Client:
MEGHALAYAN AGE LIMITED (MAL)

Project: **TRIBAL HERITAGE CENTRE, MANDALGRE, MEGHALAYA**

Architects:
ARCHOHM ARCHITECTURE ENGINEERING URBANISM INTERIORS
c-28c, sector-8, noida - 201301 (up)
t 91 120 46 40 300
f 91 120 42 46 788
mail@archohm.com
www.archohm.com

Structural Consultants:
TPC TECHNICAL PROJECTS CONSULTANTS(P)LTD.
H.O: B-74, sector 57, noida, uttar pradesh-201301(india)
BOARD NO:-91-120-4306800

Electrical Consultants:
ARCHOHM CONSULTANT PVT. LTD.
W-28C, SECTOR-8, NOIDA - 201301 (UP)
T 91 120 46 40 300 F 91 120 42 46 788
mail@archohm.com www.archohm.com

PHE Consultants:
WAC Engineers INDIA PVT. LTD.
MEP Consultants & Project Managers
B-78,Sector-6,Noida,UP-201301
Ph. :0120-4304855,
E-mail:wac@wacmep.com

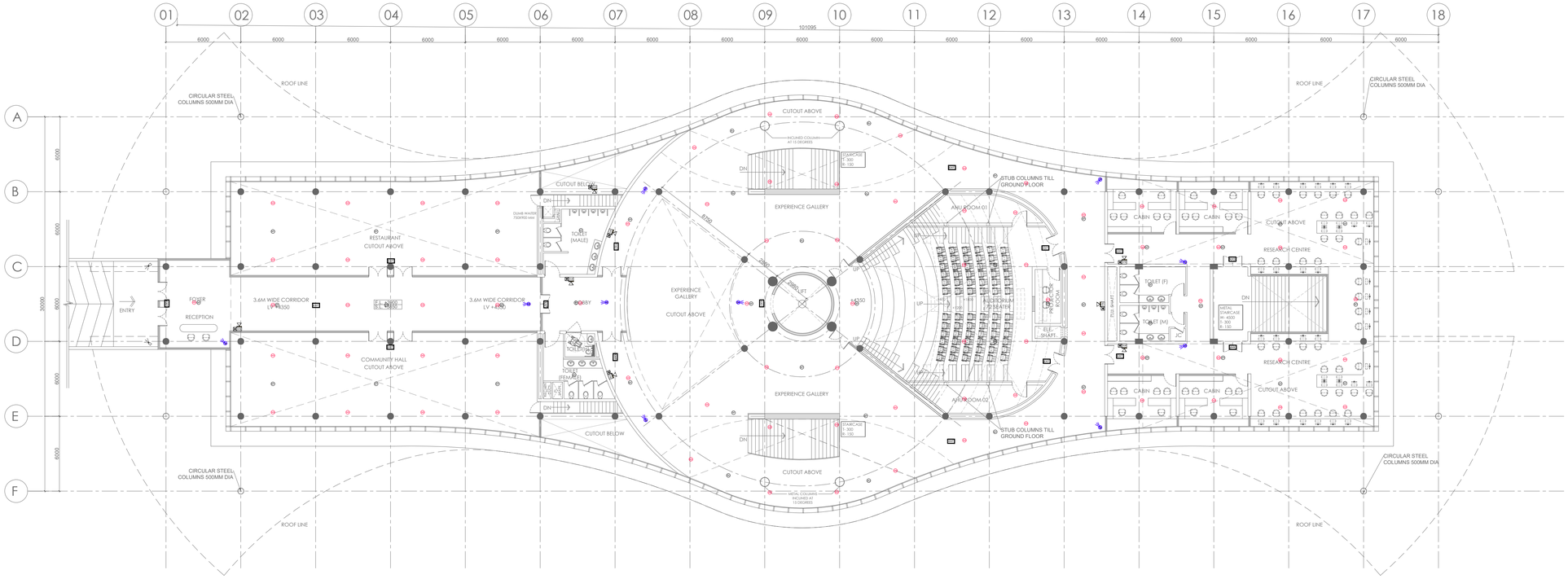
Drawn By	DK
Checked By	AKD
Design By	AKD

Sheet Title:
TRIBAL HERITAGE CENTRE
EXTERNAL LIGHTING SITE PLAN

NORTH

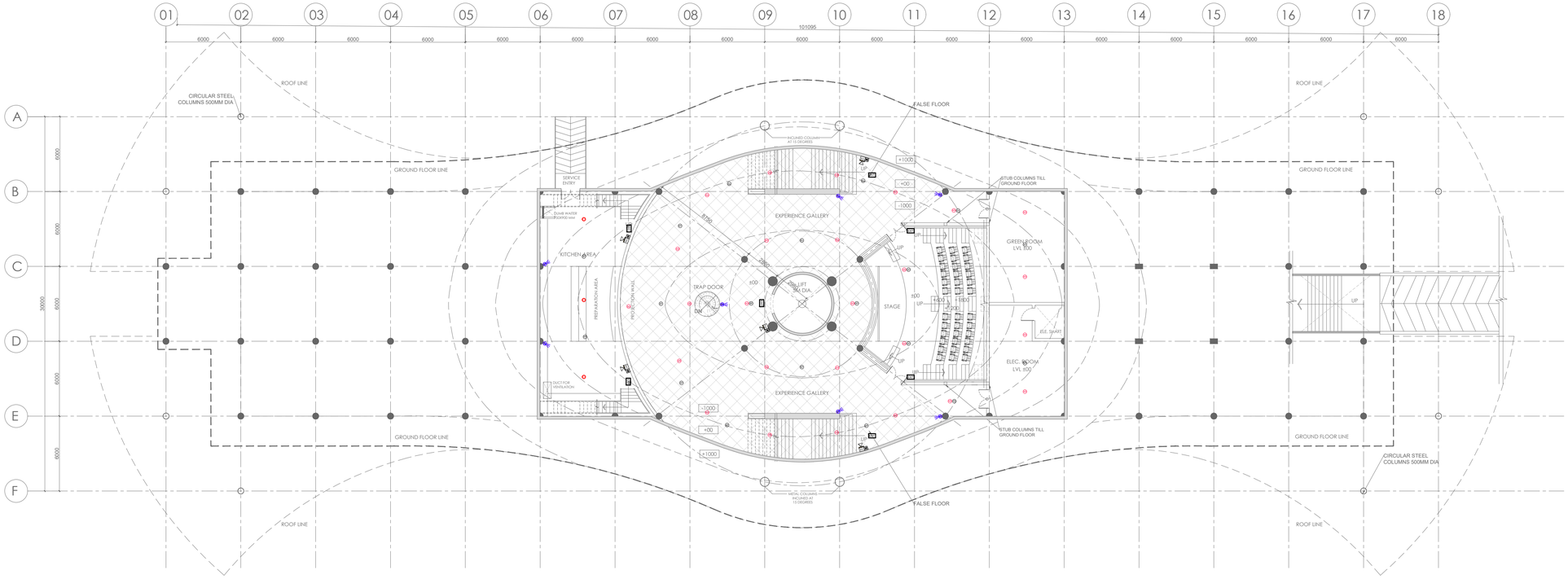
Date:	Scale:	Project No.-
17-07-2024	1:500	A-232409

Drawing No.: E-232409-02-01 | A1 | R0



GROUND FLOOR PLAN

01



LOWER GROUND FLOOR PLAN

02

FIRE & PA LEGEND		
SYMBOL	DESCRIPTION	MOUNTING HEIGHT ABOVE FFL
	SMOKE DETECTOR	SURFACE MOUNTED
	HEAT DETECTOR	SURFACE MOUNTED
	BEAM DETECTOR	WALL / SURFACE MOUNTED
	SPEAKER	SURFACE MOUNTED
	MANUAL CALL POINT	1200mm
	HOOTER	2400mm
	EXIT SIGNAGE	
	DOME CAMERA	
	BULLET CAMERA	

NOTES:

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REVISIONS

No.	Date	Descriptions	Revision by

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Project: **TRIBAL HERITAGE CENTRE, MANDALGRE, MEGHALAYA**

Architects:

ARCHOHM ARCHITECTURE ENGINEERING URBANISM INTERIORS
c-28c, sector-8,
noida - 201301 (up)
t 91 120 46 40 300
f 91 120 42 46 788
mail@archohm.com
www.archohm.com

Structural Consultants:
TPC TECHNICAL PROJECTS CONSULTANTS(P)LTD.
H.O: B-74, sector 57, noida, uttar pradesh, india
BOARD NO: 91-120-4300850

Electrical Consultants:
ARCHOHM CONSULTANT PVT. LTD.
SC-28C, SECTOR-8, NOIDA - 201301 (UP)
T: 91 120 46 40 300 F: 91-120-42 46 788
mail@archohm.com www.archohm.com

PHE Consultants:
WAC Engineers INDIA PVT. LTD.
MEP Consultants & Project Managers
B-78,Sector-8,Noida,UP-201301
Ph.: 0120-4300033,
E-mail:wac@waceng.com

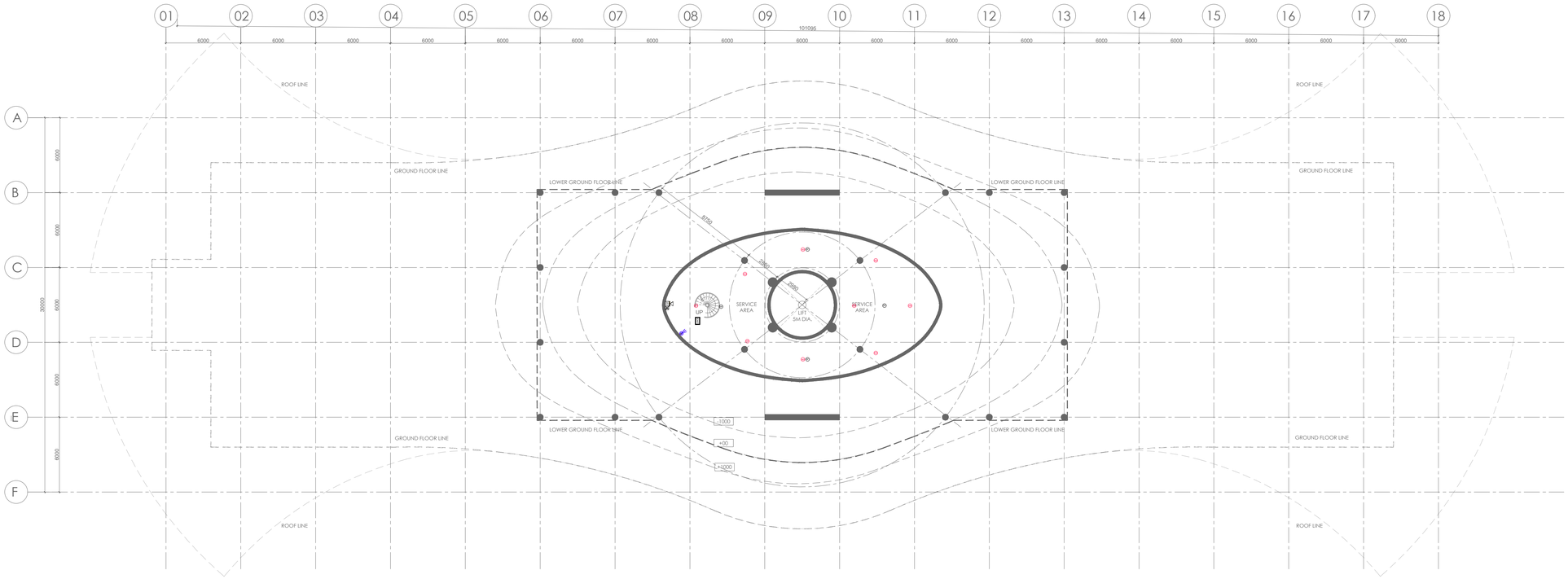
Drawn By	CK
Checked By	AKD
Design By	AKD

TENDER DRAWING

Sheet Title:
EXHIBITION & RESEARCH CENTRE
LOWER GROUND & GROUND FLOOR PLAN
FIRE, PA & CCTV LAYOUT

Date:	Scale:	Project No:-
25-08-2024	1:200	A-232409

Drawing No.: E-232409-B1-05-02 | A1 | R0



02 SERVICE FLOOR PLAN

FIRE & PA LEGEND		
SYMBOL	DESCRIPTION	MOUNTING HEIGHT ABOVE FFL
	SMOKE DETECTOR	SURFACE MOUNTED
	HEAT DETECTOR	SURFACE MOUNTED
	BEAM DETECTOR	WALL / SURFACE MOUNTED
	SPEAKER	SURFACE MOUNTED
	MANUAL CALL POINT	1200mm
	HOOTER	2400mm
	EXIT SIGNAGE	
	DOME CAMERA	
	BULLET CAMERA	

TENDER DRAWING

NOTES:

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REVISIONS

No.	Date	Descriptions	Revision by

Client:

MEGHALAYAN AGE LIMITED (MAL)

Project: **TRIBAL HERITAGE CENTRE, MANDALGRE, MEGHALAYA**

Architects:

ARCHOHM ARCHITECTURE ENGINEERING URBANISM INTERIORS
o-28b, sector-8,
noida - 201301 (up)
t 91 120 46 40 300
f 91 120 42 46 788
mail@archohm.com
www.archohm.com

Structural Consultants:
TPC TECHNICAL PROJECTS CONSULTANTS(P)LTD.
H.O: B-74, sector 57, noida, uttar pradesh-201301(india)
BOARD NO: 91-120-4356650

Electrical Consultants:
ARCHOHM CONSULTANT PVT. LTD.
SC-28C, SECTOR-8, NOIDA - 201301 (UP)
T 91 120 46 40 300 F 91 120 42 46 788
mail@archohm.com www.archohm.com

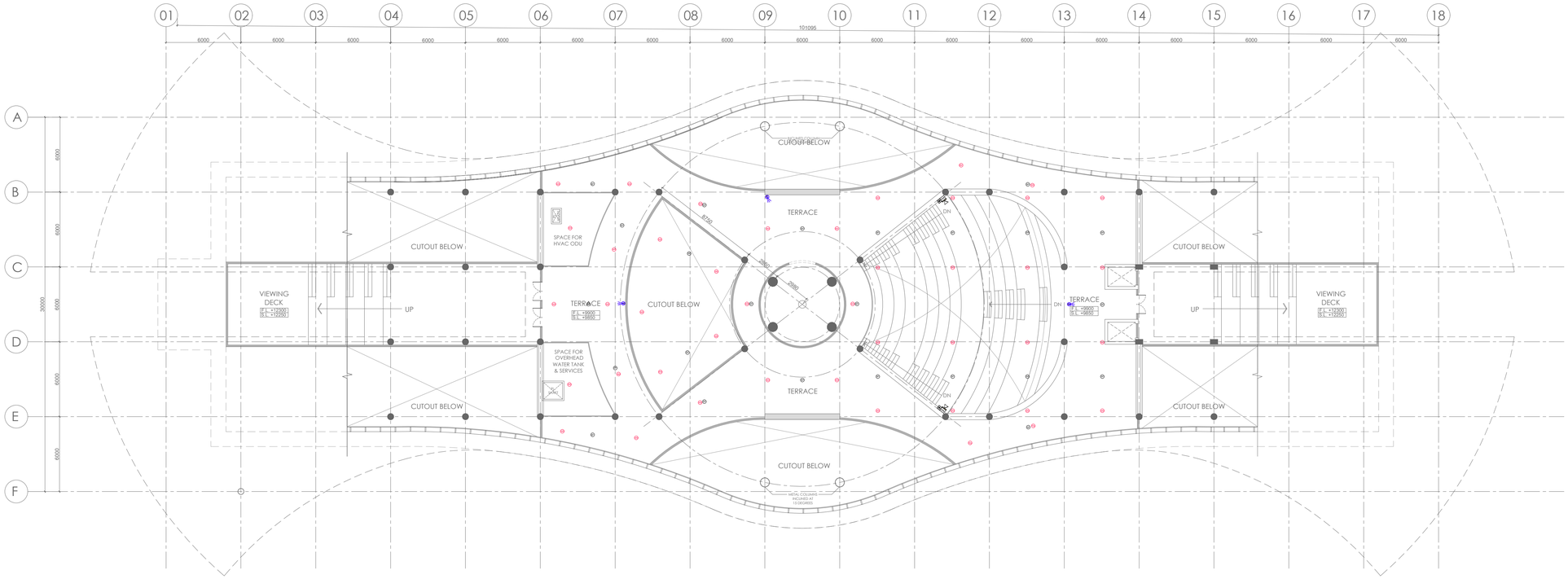
PHE Consultants:
WAC Engineers INDIA PVT. LTD.
MEP Consultants & Project Managers
B-76,Sector-4,Noida(UP-201301
Ph.: 0120-4566653,
E-mail:wac@waceng.com

Drawn By	CK
Checked By	AKD
Design By	AKD

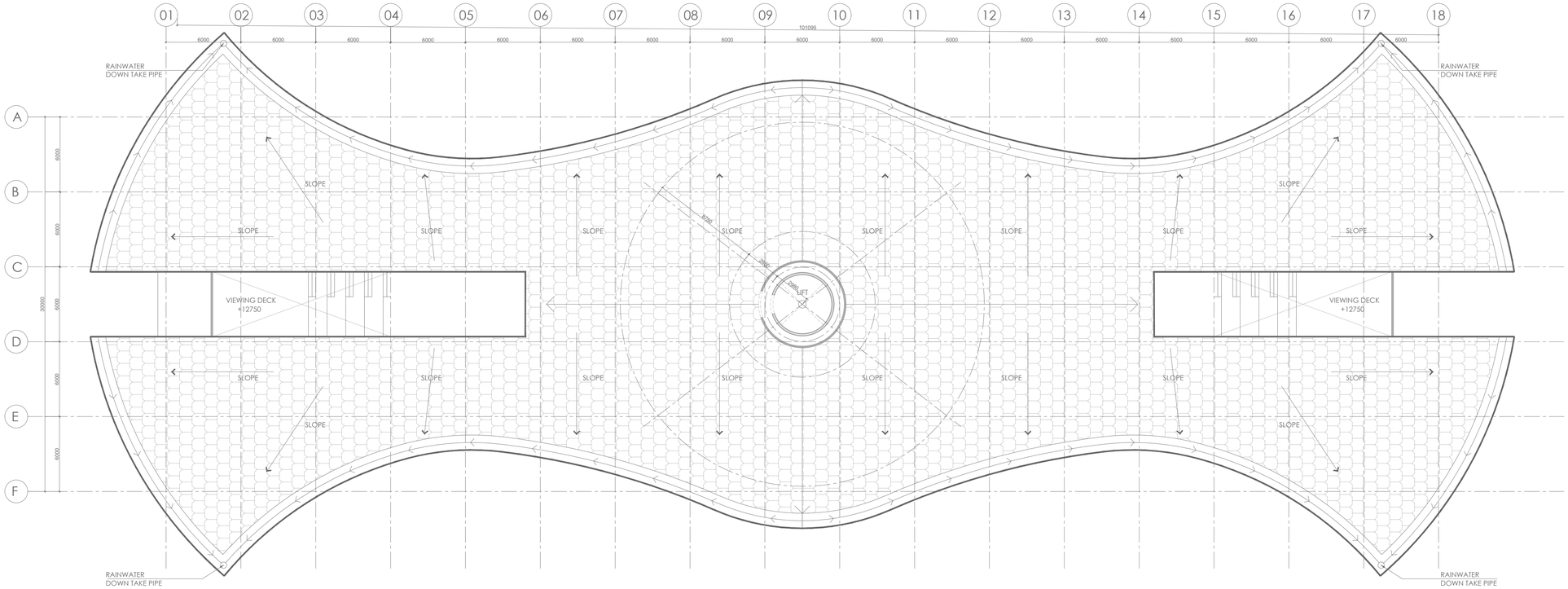
Sheet Title:
EXHIBITION & RESEARCH CENTRE
SERVICE FLOOR PLAN
FIRE, PA & CCTV LAYOUT

Date:	Scale:	Project No:-
25-08-2024	1:200	A-232409

Drawing No.: E-232409-B1-05-01 | A1 | R0



03 **USABLE TERRACE PLAN**



04 **ROOF PLAN**

FIRE & PA LEGEND		
SYMBOL	DESCRIPTION	MOUNTING HEIGHT ABOVE FFL.
	SMOKE DETECTOR	SURFACE MOUNTED
	HEAT DETECTOR	SURFACE MOUNTED
	BEAM DETECTOR	WALL / SURFACE MOUNTED
	SPEAKER	SURFACE MOUNTED
	MANUAL CALL POINT	1200mm
	HOOTER	2400mm
	EXIT SIGNAGE	
	DOME CAMERA	
	BULLET CAMERA	

TENDER DRAWING

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REVISIONS

No.	Date	Descriptions	Revision by

Client:

MEGHALAYAN AGE LIMITED (MAL)

Project: **TRIBAL HERITAGE CENTRE, MANDALGRE, MEGHALAYA**

Architects:

ARCHOHM ARCHITECTURE ENGINEERING INTERIOR

c-28c, sector-8, noida - 201301 (up)
t 91 120 46 40 300
f 91 120 42 46 788
mail@archohm.com
www.archohm.com

Structural Consultants:
TPC TECHNICAL PROJECTS CONSULTANTS(P)LTD.
H-O: B-74, sector 57, noida, uttar pradesh-201301(india)
BOARD NO.:0120-4308800

Electrical Consultants:
ARCHOHM CONSULTANT PVT. LTD.
SC-207, SECTOR-16, NOIDA - 201301, (UP)
T 91 120 46 40 300 F 91 120 42 46 788
mail@archohm.com www.archohm.com

PHE Consultants:
WAC Engineers INDIA PVT. LTD.
MEP Consultants & Project Managers
B-78,Sector-6,Noida,UP-201301
Ph.: 0120-4104875,
E-mail:wac@waceng.com

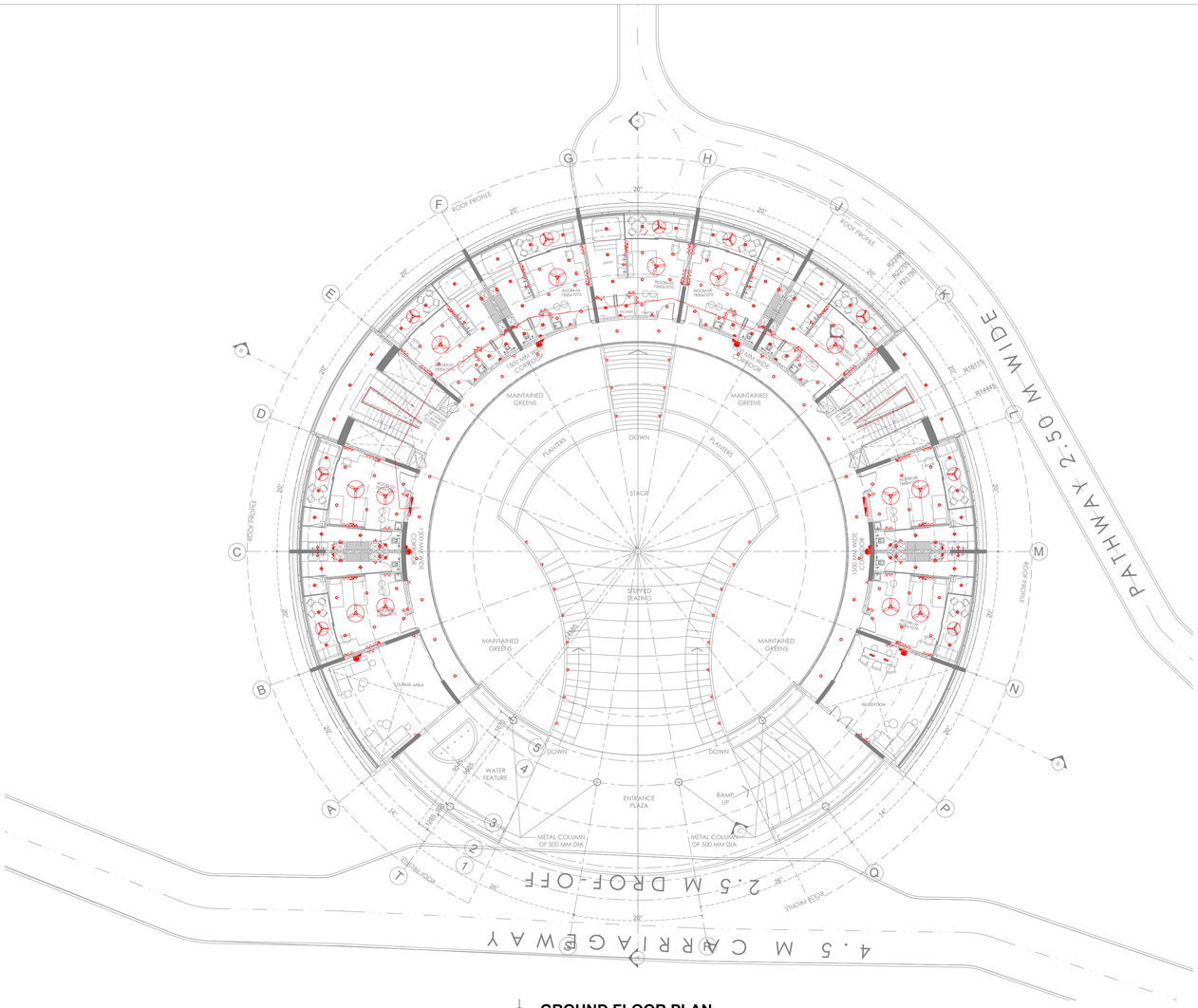
Drawn By	CK
Checked By	AKD
Design By	AKD

Sheet Title:
EXHIBITION & RESEARCH CENTRE
USABLE TERRACE & ROOF FLOOR PLAN
FIRE, PA & CCTV LAYOUT

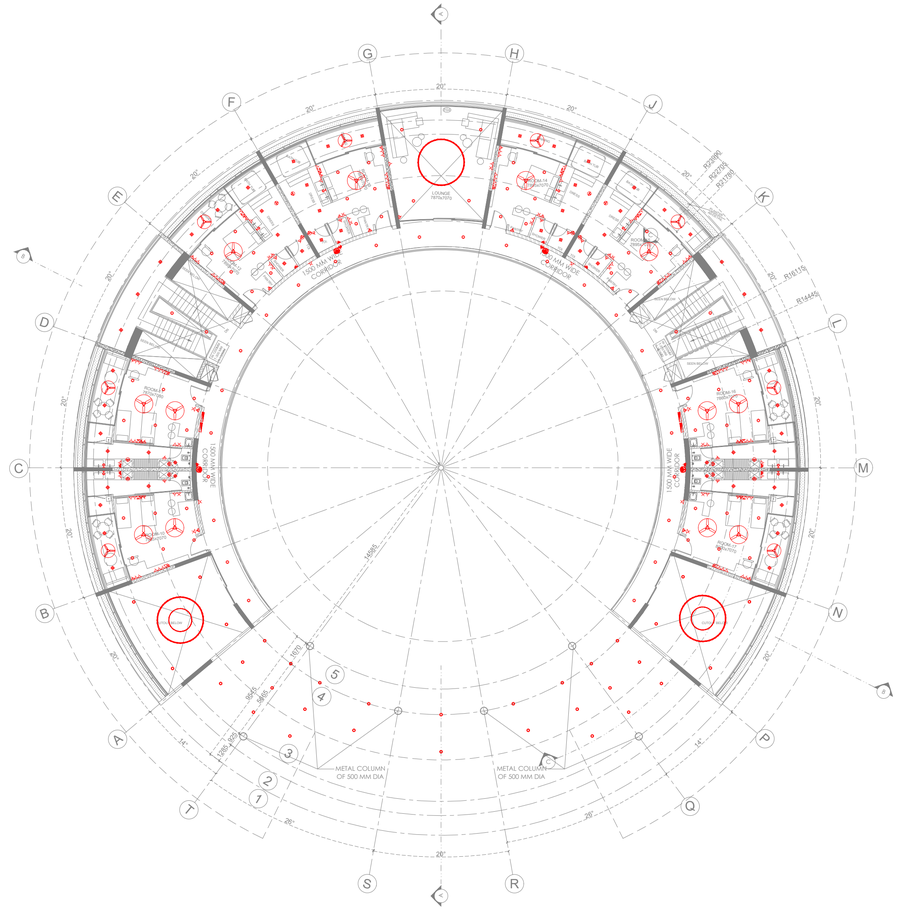
Date:	Scale:	Project No.:
25-08-2024	1:200	A-232409

Drawing No.: E-232409-B1-05-03

A1 R0



GROUND FLOOR PLAN
SCALE 1:200



FIRST FLOOR PLAN
SCALE 1:200

LEGEND

SYMBOL	DESCRIPTION	MOUNTING HEIGHT ABOVE FFL (FROM BOTTOM OF SWITCH BOARD)
	SWITCH 1 WAY	1050mm AFFL (150mm FROM DOOR FRAME)
	SWITCH 2 WAY	1050mm AFFL (150mm FROM DOOR FRAME)
	10 WATT LED LIGHT	SURFACE MOUNTED
	18 WATT LED LIGHT	SURFACE MOUNTED
	32 WATT LED LIGHT	SURFACE MOUNTED
	54 WATT LED LIGHT	SURFACE MOUNTED
	TRACK LIGHT - 1 METER	SURFACE / WALL MOUNTED
	TRACK LIGHT - 2 METER	SURFACE / WALL MOUNTED
	44 WATT LED LINEAR LIGHT	SUSPENDED / SURFACE
	LIGHT POINT	WALL @ 2150mm
	40 WATT LED TUBE LIGHT-4FT	SURFACE / WALL MOUNTED
	10 WATT LED STRIP LIGHT	
	28 WATT LED CIRCULAR LIGHT	
	10 WATT LED BULK HEAD LIGHT	WALL MOUNTED @2100mm
	DECORATIVE LIGHT	SUSPENDED MOUNTED
	3 WATT LED STEP LIGHT	WALL MOUNTED @ 300mm AFFL./TREAD
	3 WATT LED SPIKE LIGHT	GROUND EMBEDDED
	CEILING FAN - 900mm	SUSPENDED MOUNTED
	CEILING FAN - 1200mm	SUSPENDED MOUNTED
	EXHAUST FAN - 200mm	WALL MOUNTED
	100 WATT LED FLOOD LIGHT	SURFACE / WALL MOUNTED
	ELECTRICAL DB	MOUNTED ON WALL (TOP OF DB 1800MM FROM FFL)

TENDER DRAWING

NOTES:

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Client:
MEGHALAYAN AGE LIMITED (MAL)

Project:
TRIBAL HERITAGE CENTRE, MANDALGRE, MEGHALAYA

Architects:
ARCHOHM ARCHITECTURE ENGINEERING INTERIORS
c-28c, sector-8, noida - 201301 (up)
t 91 120 46 40 300
f 91 120 42 46 788
mail@archohm.com
www.archohm.com

Structural Consultants:
TPC TECHNICAL PROJECTS CONSULTANTS(P)LTD.
H.O. B-74, sector 57, noida, uttar pradesh-201301(india)
BOARD NO.-91-120-4308800

Electrical Consultants:
ARCHOHM CONSULTANT PVT. LTD.
SC, SFC, 202 D.T.D.C. N.O.E.D. - 201301 (U.P)
T 91 120 46 40 300 F 91 120 42 46 788
mail@archohm.com www.archohm.com

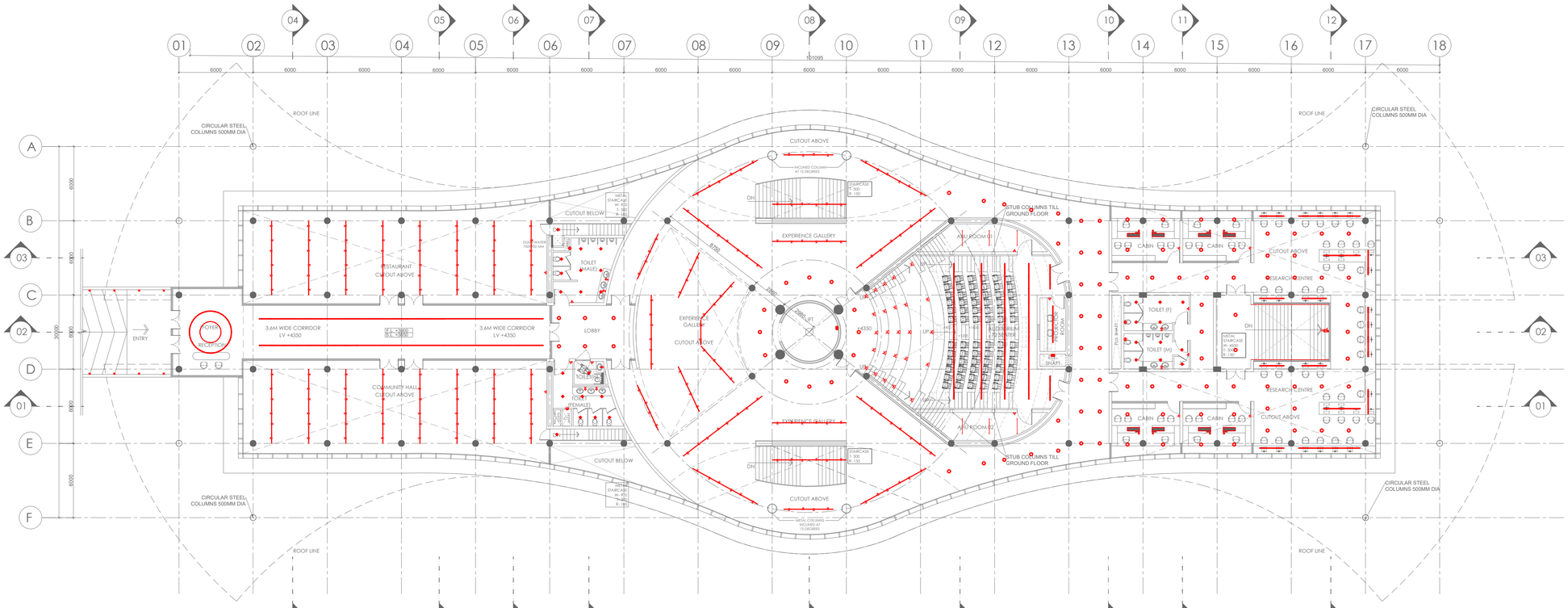
PHE Consultants:
WAC Engineers INDIA PVT. LTD.
MEP Consultants & Project Managers
B-76,Sector-5,Noida,U.P-201301
Ph.- 0120-4304470,
E- mail:wac@wacinp.com

Drawn By	CK	
Checked By	AKD	
Design By	AKD	

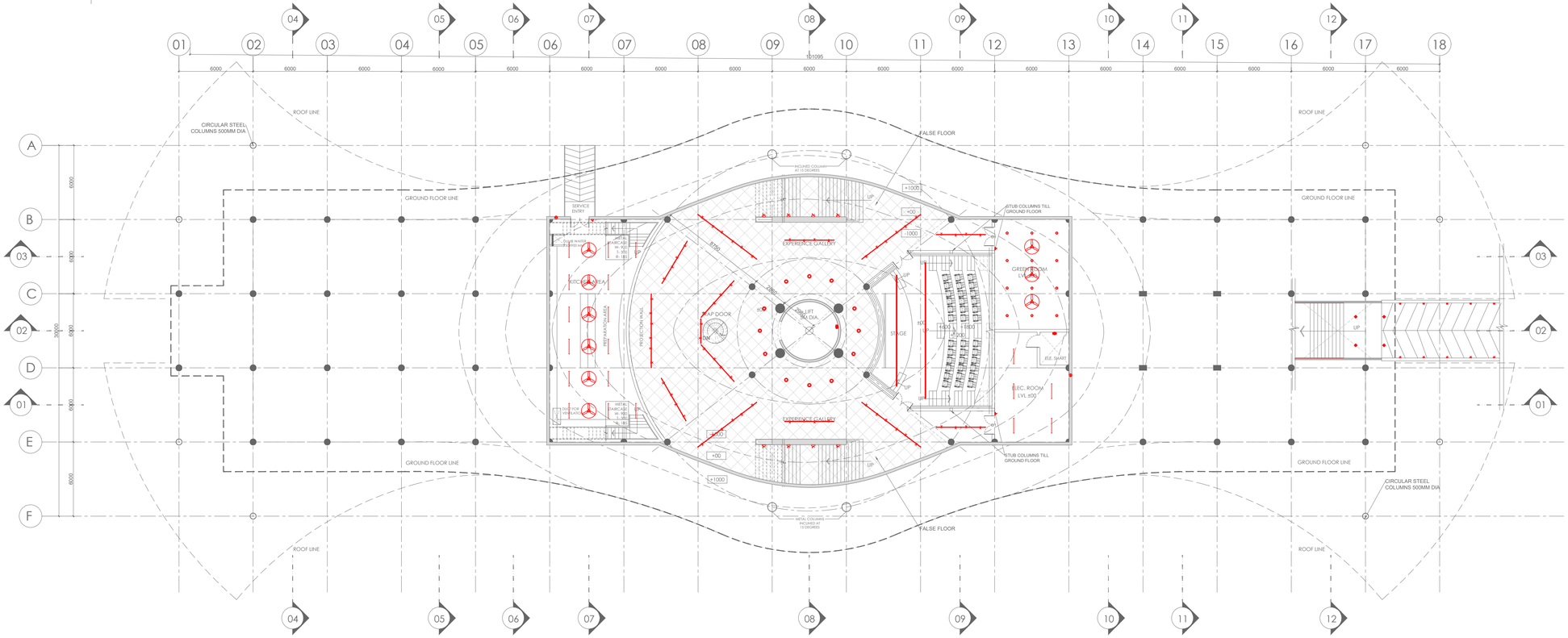
Sheet Title:
EXHIBITION & RESEARCH CENTRE
LOWER GF & GROUND FLOOR PLAN
LIGHTING LAYOUT

Date:	Scale:	Project No.:
25-07-2024	1:200	A-232409

Drawing No.: E-232409-00-03-01 | A1 | R0



01 GROUND FLOOR PLAN



02 LOWER GROUND FLOOR PLAN

LEGEND		
SYMBOL	DESCRIPTION	MOUNTING HEIGHT ABOVE FFL (FROM BOTTOM OF SWITCH BOARD)
	SWITCH 1 WAY	1050mm AFFL (150mm FROM DOOR FRAME)
	SWITCH 2 WAY	1050mm AFFL (150mm FROM DOOR FRAME)
	10 WATT LED LIGHT	SURFACE MOUNTED
	18 WATT LED LIGHT	SURFACE MOUNTED
	32 WATT LED LIGHT	SURFACE MOUNTED
	TRACK LIGHT - 1 METER	SURFACE / WALL MOUNTED
	TRACK LIGHT - 2 METER	SURFACE / WALL MOUNTED
	44 WATT LED LINEAR LIGHT	SUSPENDED / SURFACE
	LIGHT POINT	WALL @ 2150mm
	40 WATT LED TUBE LIGHT-4FT	SURFACE / WALL MOUNTED
	10 WATT LED STRIP LIGHT	
	28 WATT LED CIRCULAR LIGHT	
	10 WATT LED BULK HEAD LIGHT	WALL MOUNTED @2100mm
	5 WATT LED STEP LIGHT	WALL MOUNTED @ 300mm AFFL./TREAD
	5 WATT LED SPIKE LIGHT	GROUND EMBEDDED
	CEILING FAN - 1200mm	SUSPENDED MOUNTED
	EXHAUST FAN - 200mm	WALL MOUNTED
	26 WATT LED LIGHT	FLOOR MOUNTED
	100 WATT LED FLOOD LIGHT	SURFACE / WALL MOUNTED
	ELECTRICAL DB	MOUNTED ON WALL (TOP OF DB 1800MM FROM FFL)

TENDER DRAWING

NOTES:

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REVISIONS

No.	Date	Descriptions	Revision by

Client:

MEGHALAYAN AGE LIMITED (MAL)

Project: **TRIBAL HERITAGE CENTRE, MANDALGRE, MEGHALAYA**

Architects:

ARCHOHM ARCHITECTURE ENGINEERING INTERIORS

c-28c, sector-8, noida - 201301 (up)
t 91 120 46 40 300
f 91 120 42 46 788
mail@archohm.com
www.archohm.com

Structural Consultants:

TPC TECHNICAL PROJECTS CONSULTANTS(P)LTD.
H-O: B-74, sector 57, noida, uttar pradesh-201301(india)
BOARD NO.:91-120-4308800

Electrical Consultants:

ARCHOHM CONSULTANT PVT. LTD.
SE-2A/C, DLF CITY(I & II), NOIDA - 201301, U.P.
T: 91 120 46 40 300 F: 91 120 42 46 788
mail@archohm.com www.archohm.com

PHE Consultants:

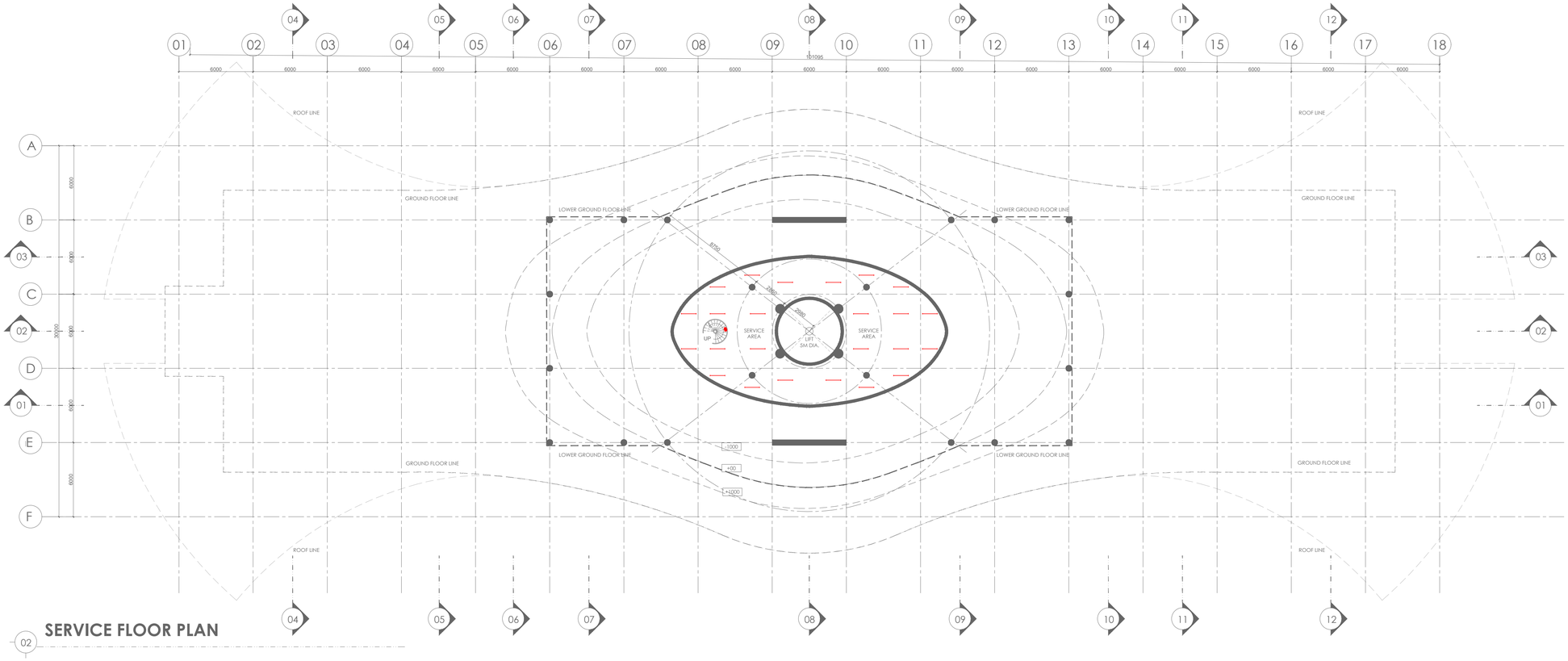
WAC Engineers INDIA PVT. LTD.
MEP Consultants & Project Managers
B-78,Sector-8,Noida,U.P-201301
Ph.: 0120-4104875,
E-mail:wac@waceep.com

Drawn By	CK		
Checked By	AKD		
Design By	AKD		

Sheet Title: EXHIBITION & RESEARCH CENTRE LOWER GROUND & GROUND FLOOR PLAN LIGHTING LAYOUT

Date:	Scale:	Project No.:
25-08-2024	1:200	A-232409

Drawing No.: E-232409-B1-03-02 | A1 | R0



SERVICE FLOOR PLAN

02

LEGEND		
SYMBOL	DESCRIPTION	MOUNTING HEIGHT ABOVE FFL. (FROM BOTTOM OF SWITCH BOARD)
	SWITCH 1 WAY	1050mm AFFL (150mm FROM DOOR FRAME)
	SWITCH 2 WAY	1050mm AFFL (150mm FROM DOOR FRAME)
	10 WATT LED LIGHT	SURFACE MOUNTED
	18 WATT LED LIGHT	SURFACE MOUNTED
	32 WATT LED LIGHT	SURFACE MOUNTED
	TRACK LIGHT - 1 METER	SURFACE / WALL MOUNTED
	TRACK LIGHT - 2 METER	SURFACE / WALL MOUNTED
	44 WATT LED LINEAR LIGHT	SUSPENDED / SURFACE
	LIGHT POINT	WALL @ 2150mm
	40 WATT LED TUBE LIGHT-4FT	SURFACE / WALL MOUNTED
	10 WATT LED STRIP LIGHT	
	28 WATT LED CIRCULAR LIGHT	
	10 WATT LED BULK HEAD LIGHT	WALL MOUNTED @2100mm
	5 WATT LED STEP LIGHT	WALL MOUNTED @ 300mm AFFL./TREAD
	5 WATT LED SPIKE LIGHT	GROUND EMBEDDED
	CEILING FAN - 1200mm	SUSPENDED MOUNTED
	EXHAUST FAN - 200mm	WALL MOUNTED
	26 WATT LED LIGHT	FLOOR MOUNTED
	100 WATT LED FLOOD LIGHT	SURFACE / WALL MOUNTED
	ELECTRICAL DB	MOUNTED ON WALL (TOP OF DB 1800MM FROM FFL)

TENDER DRAWING

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REVISIONS

No.	Date	Descriptions	Revision by

Client:

MEGHALAYAN AGE LIMITED (MAL)

Project: **TRIBAL HERITAGE CENTRE, MANDALGRE, MEGHALAYA**

Architects:

ARCHOHM
ARCHITECTURE ENGINEERING URBANISM INTERIORS

o-28c, sector-8,
noida - 201301 (up)
t 91 120 46 40 300
f 91 120 42 46 788
mail@archohm.com
www.archohm.com

Structural Consultants:

TPC TECHNICAL PROJECTS CONSULTANTS(P)LTD.
H.O: B-74, sector 57, noida, uttar pradesh-201301(india)
BOARD NO. 91-120-4356650

Electrical Consultants:

ARCHOHM CONSULTANT PVT. LTD.
SC-28C, SECTOR-8, NOIDA - 201301 (UP)
T 91 120 46 40 300 F 91 120 42 46 788
mail@archohm.com www.archohm.com

PHE Consultants:

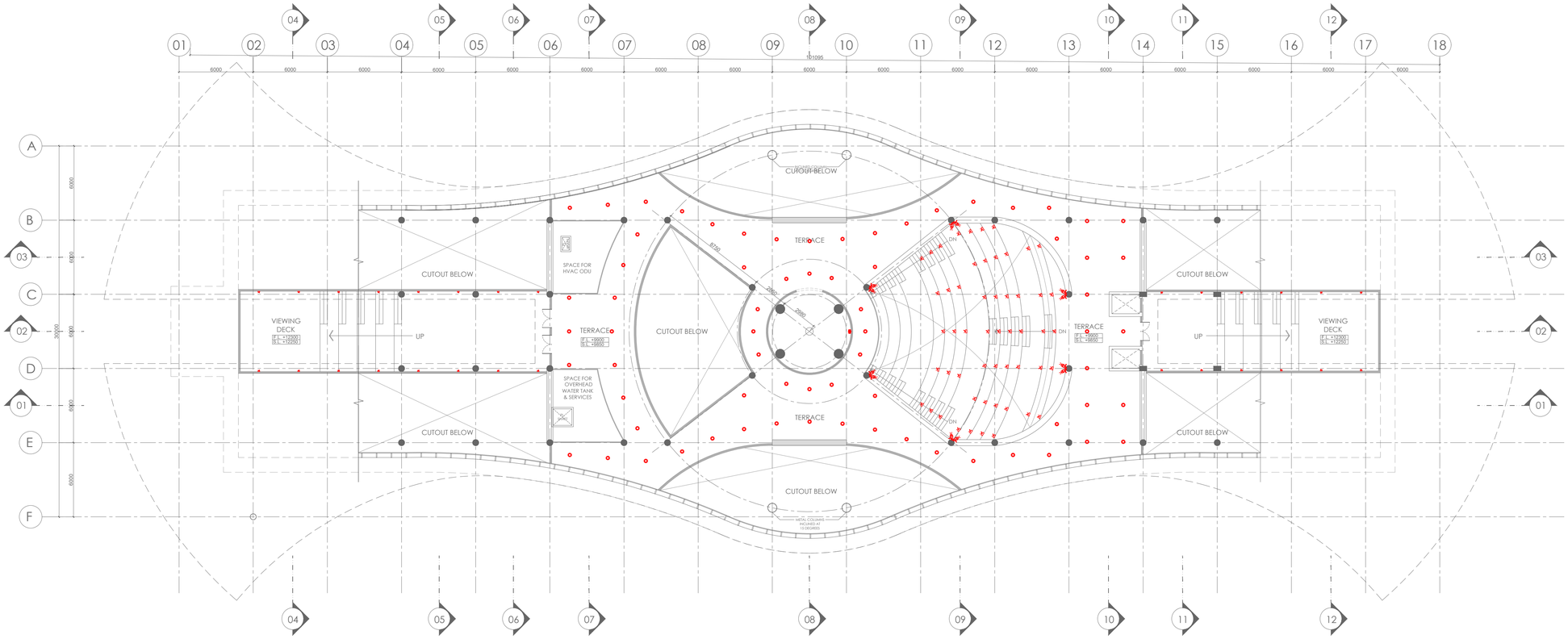
WAC Engineers INDIA PVT. LTD.
MEP Consultants & Project Managers
B-76,Sector-4,Noida(UP-201301
Ph.: 0120-4566653,
E-mail:wac@waceng.com

Drawn By	CK
Checked By	AKD
Design By	AKD

Sheet Title:
EXHIBITION & RESEARCH CENTRE
SERVICE FLOOR PLAN
LIGHTING LAYOUT

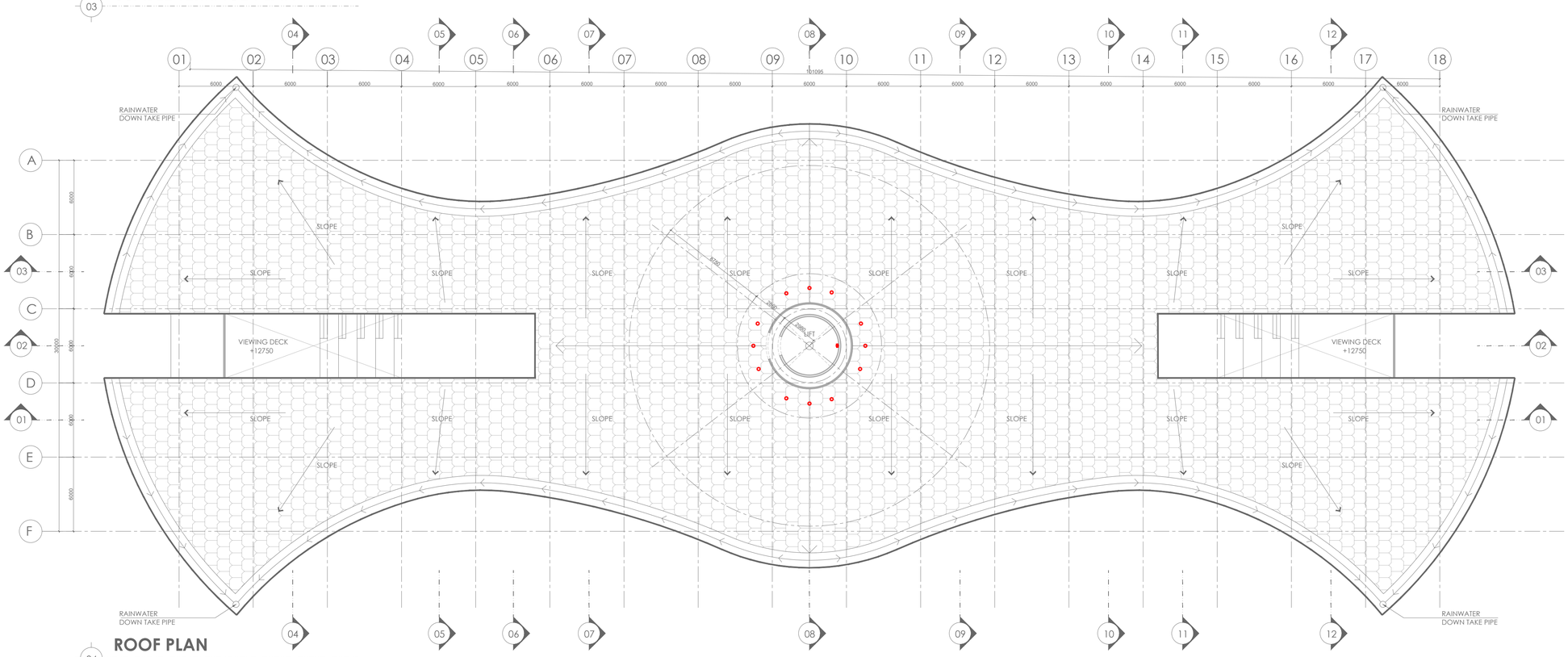
Date:	Scale:	Project No:-
25-08-2024	1:200	A-232409

Drawing No.: E-232409-B1-03-01 | A1 | R0



USABLE TERRACE PLAN

03



ROOF PLAN

04

LEGEND		
SYMBOL	DESCRIPTION	MOUNTING HEIGHT ABOVE FFL (FROM BOTTOM OF SWITCH BOARD)
	SWITCH 1 WAY	1050mm AFFL (150mm FROM DOOR FRAME)
	SWITCH 2 WAY	1050mm AFFL (150mm FROM DOOR FRAME)
	10 WATT LED LIGHT	SURFACE MOUNTED
	18 WATT LED LIGHT	SURFACE MOUNTED
	32 WATT LED LIGHT	SURFACE MOUNTED
	TRACK LIGHT - 1 METER	SURFACE / WALL MOUNTED
	TRACK LIGHT - 2 METER	SURFACE / WALL MOUNTED
	44 WATT LED LINEAR LIGHT	SUSPENDED / SURFACE
	LIGHT POINT	WALL @ 2150mm
	40 WATT LED TUBE LIGHT-4FT	SURFACE / WALL MOUNTED
	10 WATT LED STRIP LIGHT	
	28 WATT LED CIRCULAR LIGHT	
	10 WATT LED BULK HEAD LIGHT	WALL MOUNTED @2100mm
	5 WATT LED STEP LIGHT	WALL MOUNTED @ 300mm AFFL./TREAD
	5 WATT LED SPIKE LIGHT	GROUND EMBEDDED
	CEILING FAN - 1200mm	SUSPENDED MOUNTED
	EXHAUST FAN - 200mm	WALL MOUNTED
	26 WATT LED LIGHT	FLOOR MOUNTED
	100 WATT LED FLOOD LIGHT	SURFACE / WALL MOUNTED
	ELECTRICAL DB	MOUNTED ON WALL (TOP OF DB 1800MM FROM FFL)

TENDER DRAWING

NOTES:

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Architects:
ARCHOHM ARCHITECTURE ENGINEERING URBANISM INTERIORS
c-28c, sector-8, noida - 201301 (up)
t 91 120 46 40 300
f 91 120 42 46 788
mail@archohm.com
www.archohm.com

Structural Consultants:
TPC TECHNICAL PROJECTS CONSULTANTS(P)LTD.
W.O. B-74, sector 57, noida, uttar pradesh-201301(india)
BOARD NO. 91-120-4308800

Electrical Consultants:
ARCHOHM CONSULTANT PVT. LTD.
SC 209, 210 & 211 D.L.F. Avenue - 2013 01 (UP)
T 91 120 46 40 300 F 91 120 42 46 788
mail@archohm.com www.archohm.com

PHE Consultants:
WAC Engineers INDIA PVT. LTD.
MEP Consultants & Project Managers
B-7 Sector-5, Noida (U.P.)-201301
Ph.: 0120-4504655,
E-mail:wac@wacengg.com

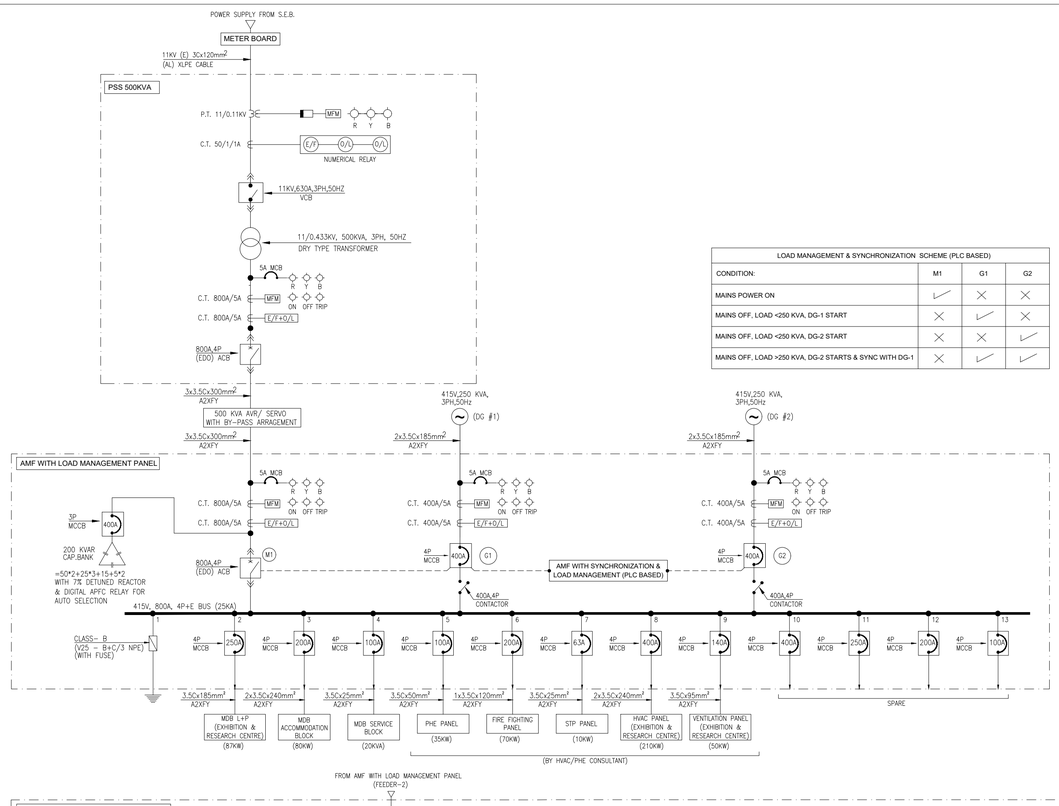
Drawn By	CK	
Checked By	AKD	
Design By	AKD	

Sheet Title: EXHIBITION & RESEARCH CENTRE USABLE TERRACE & ROOF FLOOR PLAN LIGHTING LAYOUT

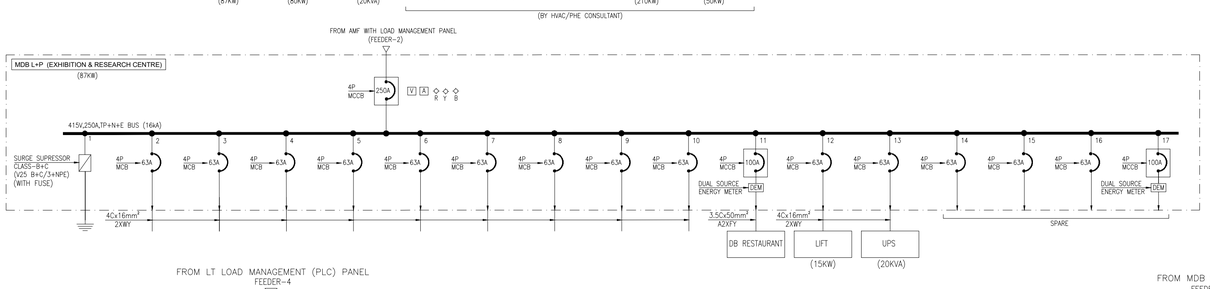
Date:	Scale:	Project No.:
25-08-2024	1:200	A-232409

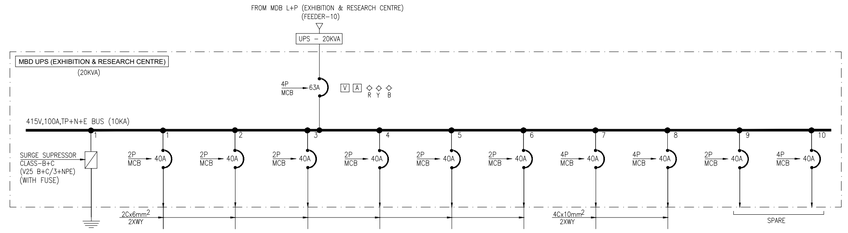
Drawing No.: E-232409-B1-03-03

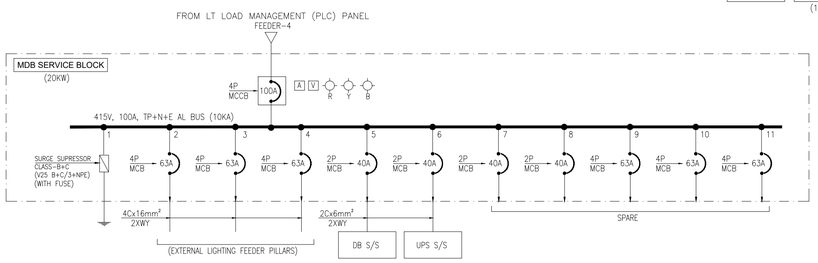
A1 R0

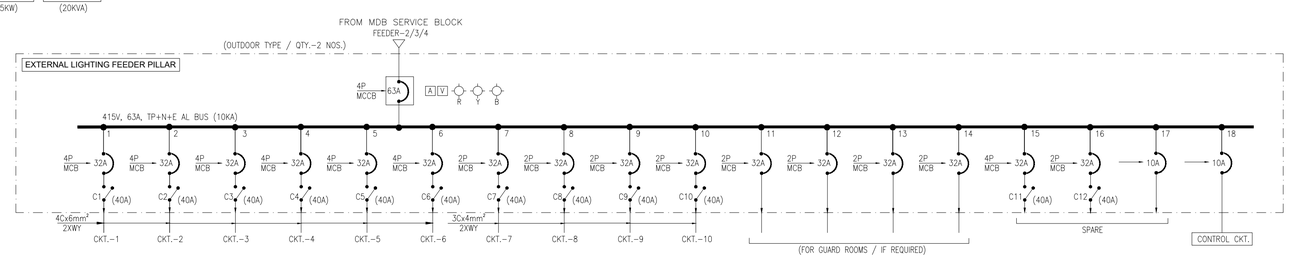


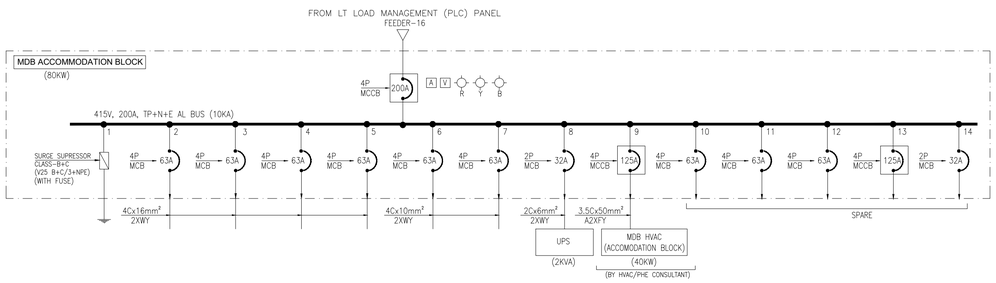
LOAD MANAGEMENT & SYNCHRONIZATION SCHEME (PLC BASED)			
CONDITION:	M1	G1	G2
MAINS POWER ON	✓	×	×
MAINS OFF, LOAD <250 KVA, DG-1 START	×	✓	×
MAINS OFF, LOAD <250 KVA, DG-2 START	×	×	✓
MAINS OFF, LOAD >250 KVA, DG-2 STARTS & SYNC WITH DG-1	×	✓	✓











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Architects:

ARCHOHM ARCHITECTURE ENGINEERING INTERIORS
c-28c, sector-8, noida - 201301 (up)
t 91 120 46 40 300
f 91 120 42 46 768
mail@archohm.com
www.archohm.com

Structural Consultants:
TPC TECHNICAL PROJECTS CONSULTANTS(P)LTD.
H.O.-B-74, sector 57, noida, uttar-pradesh-201301(india)
BOARD NO-91-120-4306600

Electrical Consultants:
ARCHOHM CONSULTANT PVT. LTD.
IC-28C, GF/TF/B-8, N.C.SEA1 - 201301 (UP)
T: 91 120 46 40 300 F: 91 120 42 46 768
mail@archohm.com www.archohm.com

PHE Consultants:
WAC Engineers INDIA PVT. LTD.
MEP Consultants & Project Managers
B-76,Sector-6,Noida,UP-201301
Ph.: +0-20-41664971,
E-mail:wac@wacengg.com

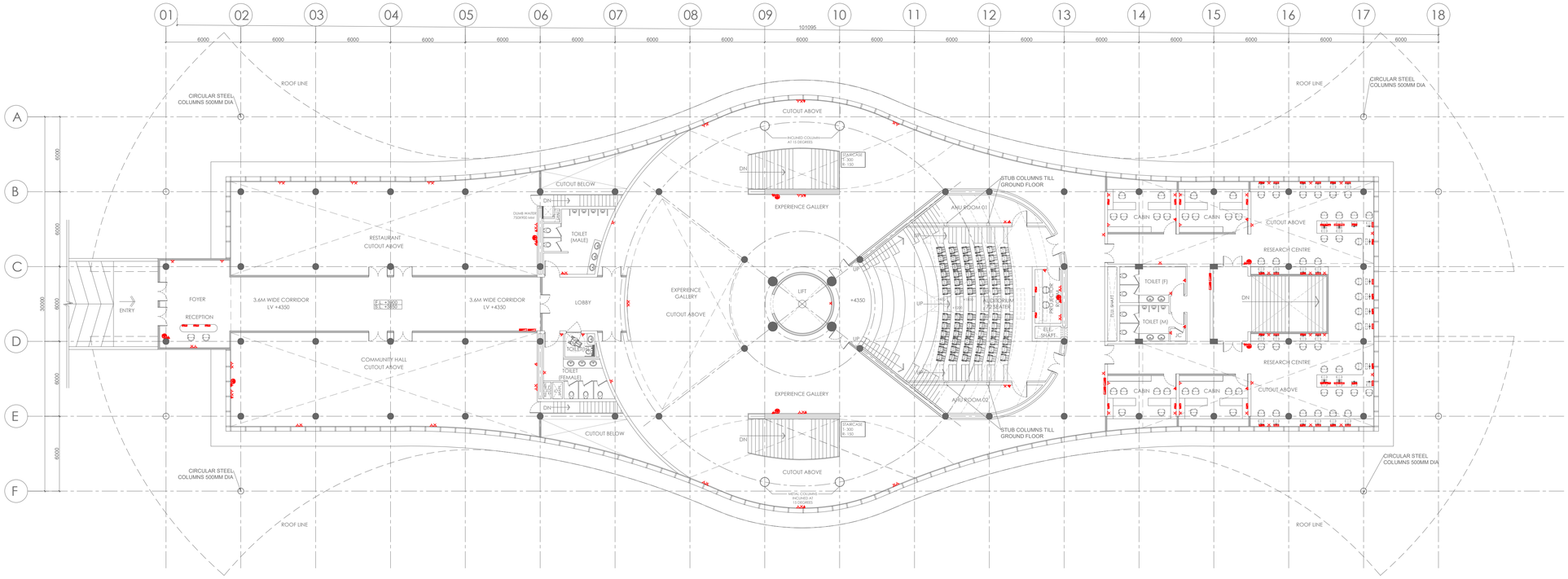
Drawn By	DK
Checked By	AKD
Design By	AKD

Sheet Title: SINGLE LINE DIAGRAM MAIN PANELS & MDBS

Date:	Scale:	Project No:-
15-03-2024	NTS	A0-212216

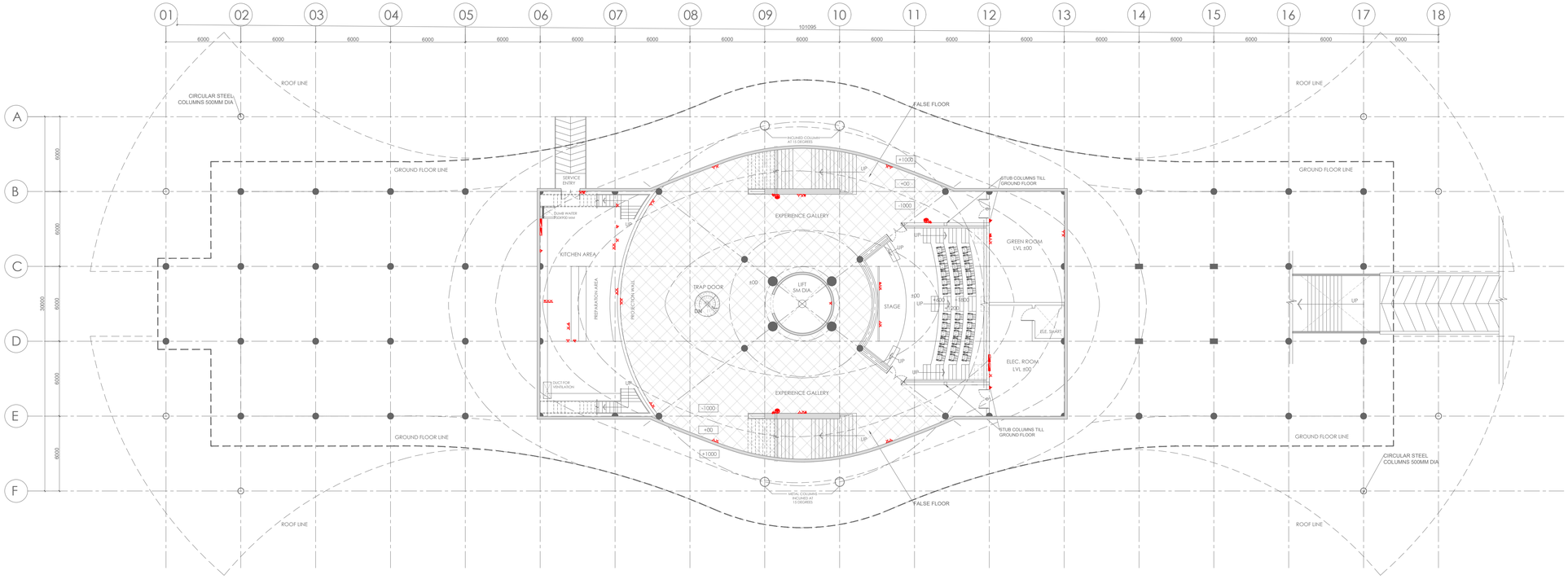
Drawing No.: E-01/01

A1 R0



GROUND FLOOR PLAN

01



LOWER GROUND FLOOR PLAN

02

LEGEND		
SYMBOL	DESCRIPTION	MOUNTING HEIGHT ABOVE FFL (FROM BOTTOM OF SW SOCKET)
	SWITCH 1 WAY	1250mm AFFL (150mm FROM DOOR FRAME)
	SWITCH 2 WAY	1250mm AFFL (150mm FROM DOOR FRAME)
	6A SWITCH SOCKET	230MM OR AS MENTION
	16/6A SWITCH SOCKET	230MM OR AS MENTION
	16A SWITCH SOCKET FOR GYSER	2000MM
	16A SWITCH SOCKET FOR AC	2150MM OR AS MENTION
	6A SWITCH SOCKET (UPS POWER)	230MM OR AS MENTION
	TV SOCKET	1100MM OR AS MENTION
	TELEPHONE SOCKET	230MM OR AS MENTION
	LAN SOCKET	230MM OR AS MENTION
		TABLE TOP / WALL @ 980mm
		TABLE TOP / WALL @ 980mm
	WI-FI ROUTER (CAT6)	WALL @ 300mm DOWN FROM CEILING
	ELECTRICAL DB	MOUNTED ON WALL (TOP OF DB 1800MM FROM FFL)

TENDER DRAWING

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c-28c, sector-8, noida - 201301 (up)
t 91 120 46 40 300
f 91 120 42 46 788
mail@archohm.com
www.archohm.com

Structural Consultants:
TPC TECHNICAL PROJECTS CONSULTANTS(P)LTD.
H.O: B-74, sector 57, noida, uttar pradesh (india)
BOARD NO.-91-120-4300850

Electrical Consultants:
ARCHOHM CONSULTANT PVT. LTD.
SC-28C, SECTOR-8, NOIDA - 201301 (UP)
T: 91 120 46 40 300 F: 91-120-42 46 788
mail@archohm.com www.archohm.com

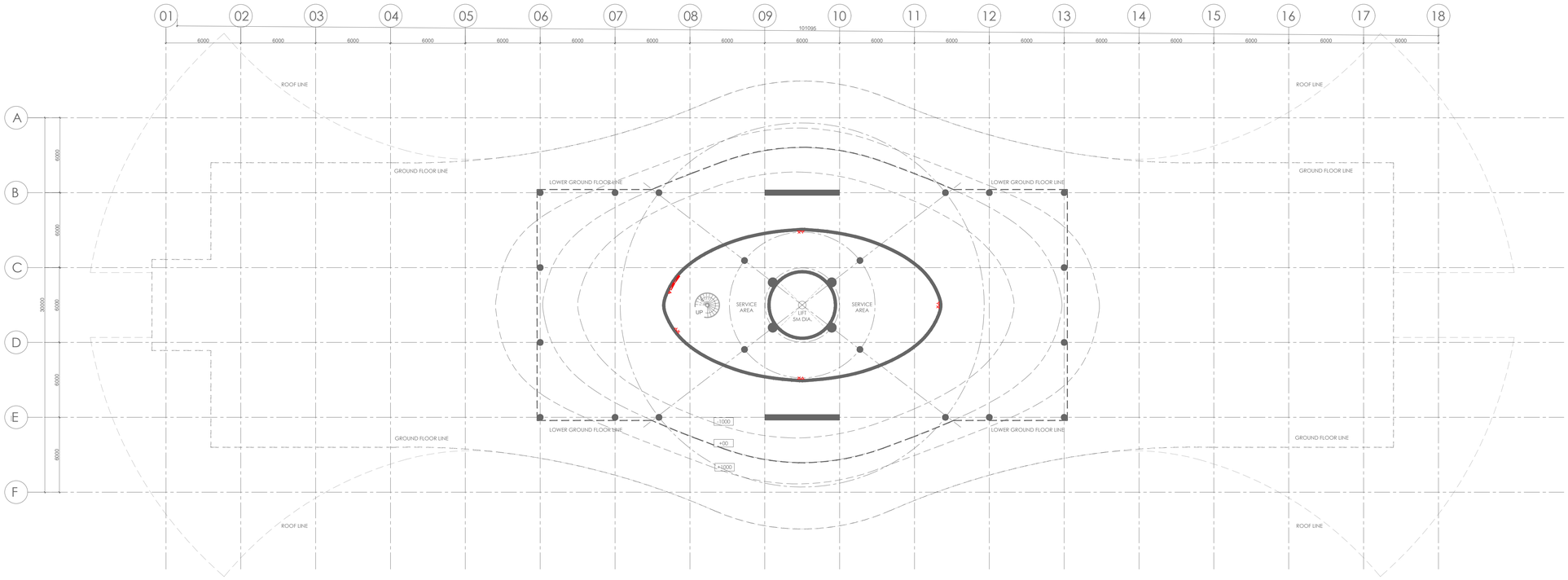
PHE Consultants:
WAC Engineers INDIA PVT. LTD.
MEP Consultants & Project Managers
B-78,Sector-8,Noida,UP-201301
Ph.: 0120-4500053
E-mail:wac@waceng.com

Drawn By	CK
Checked By	AKD
Design By	AKD

Sheet Title: EXHIBITION & RESEARCH CENTRE LOWER GROUND & GROUND FLOOR PLAN SW SOCKET LAYOUT

Date:	Scale:	Project No.-
25-08-2024	1:200	A-232409

Drawing No.: E-232409-B1-04-02 | A1 | R0



SERVICE FLOOR PLAN

02

LEGEND		
SYMBOL	DESCRIPTION	MOUNTING HEIGHT ABOVE FFL (FROM BOTTOM OF SW SOCKET)
	SWITCH 1 WAY	1250mm AFFL (150mm FROM DOOR FRAME)
	SWITCH 2 WAY	1250mm AFFL (150mm FROM DOOR FRAME)
	6A SWITCH SOCKET	230MM OR AS MENTION
	16/6A SWITCH SOCKET	230MM OR AS MENTION
	16A SWITCH SOCKET FOR GYSER	2000MM
	16A SWITCH SOCKET FOR AC	2150MM OR AS MENTION
	6A SWITCH SOCKET (UPS POWER)	230MM OR AS MENTION
	TV SOCKET	1100MM OR AS MENTION
	TELEPHONE SOCKET	230MM OR AS MENTION
	LAN SOCKET	230MM OR AS MENTION
		TABLE TOP / WALL @ 980mm
		TABLE TOP / WALL @ 980mm
	Wi-FI ROUTER (CAT6)	WALL @ 300mm DOWN FROM CEILING
	ELECTRICAL DB	MOUNTED ON WALL (TOP OF DB 1800MM FROM FFL)

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ARCHOHM
ARCHITECTURE ENGINEERING URBANISM INTERIORS
o-28c, sector-8,
noida - 201301 (up)
t 91 120 46 40 300
f 91 120 42 46 788
mail@archohm.com
www.archohm.com

Structural Consultants:
TPC TECHNICAL PROJECTS CONSULTANTS(P)LTD.
H.O: B-74, sector 57, noida, uttar pradesh-201301(india)
BOARD NO. 91-120-4356650

Electrical Consultants:
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SC-28C, SECTOR-8, NOIDA - 201301 (UP)
T 91 120 46 40 300 F 91 120 42 46 788
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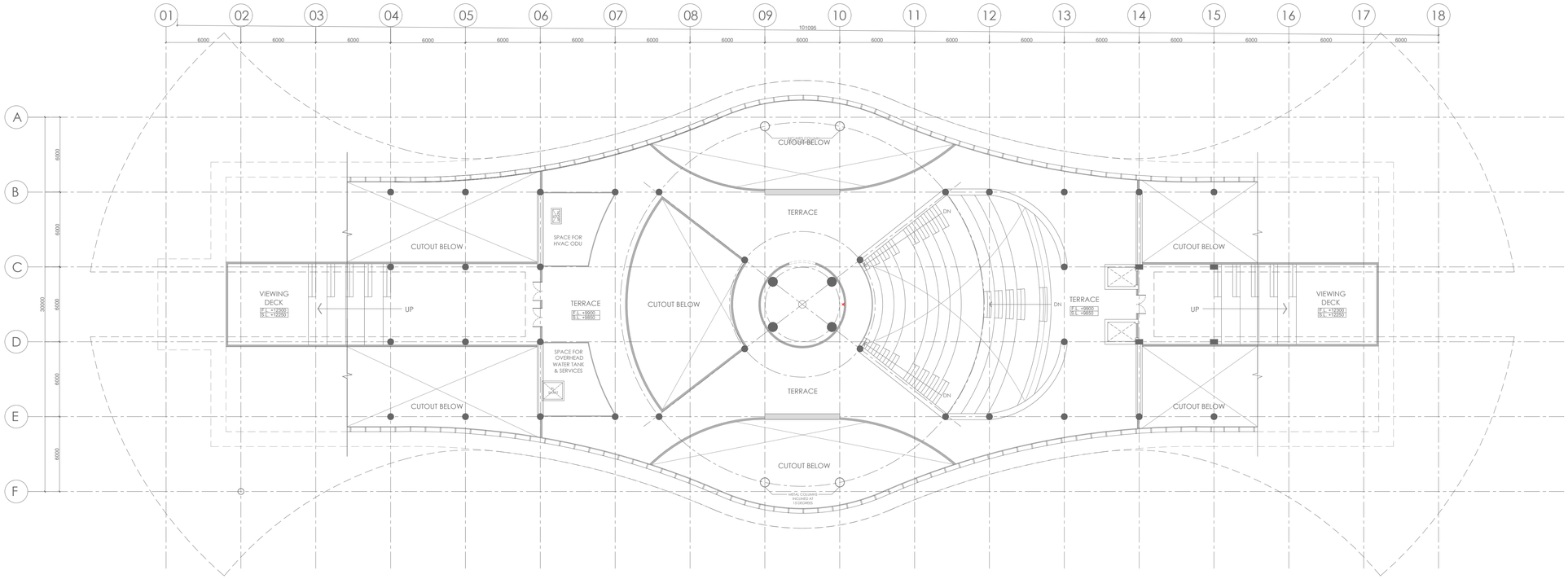
MEP Consultants & Project Managers
B-76,Sector-4,Noida(UP-201301
Ph.: 0120-4566653,
E-mail:wac@waceng.com

Drawn By	CK
Checked By	AKD
Design By	AKD

Sheet Title:
EXHIBITION & RESEARCH CENTRE
SERVICE FLOOR PLAN
SW SOCKET LAYOUT

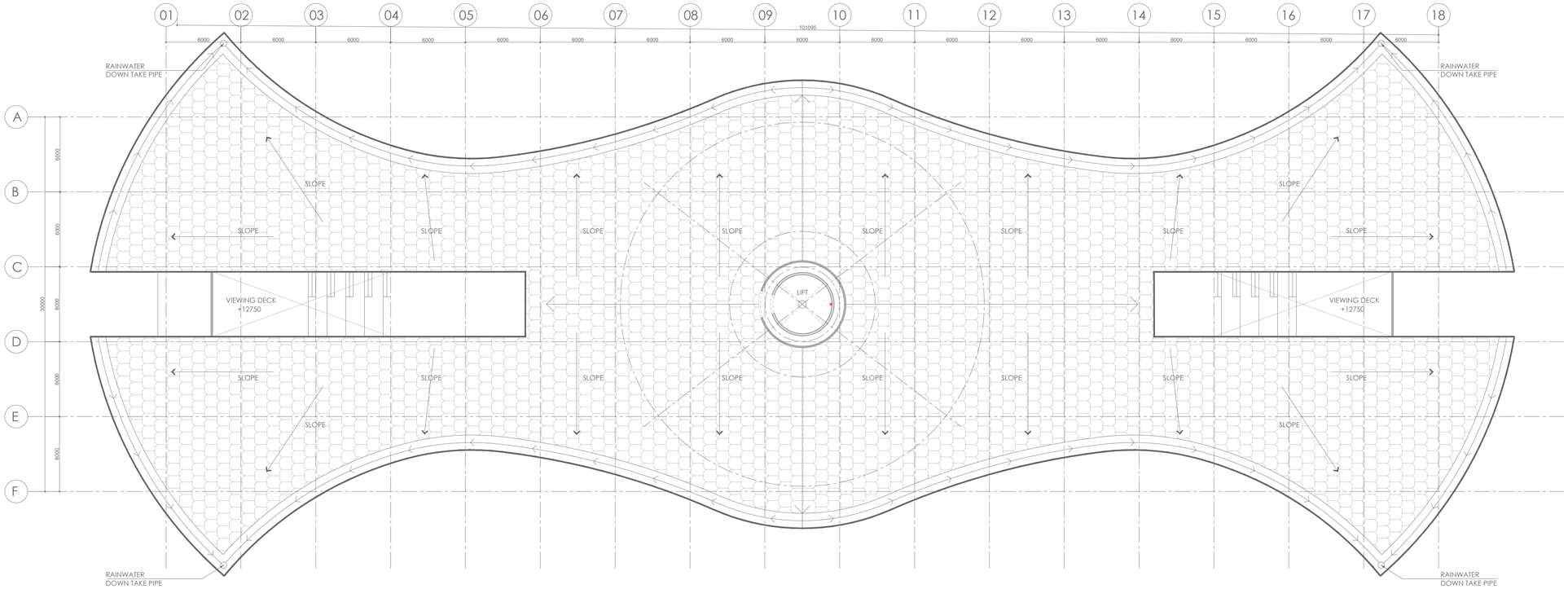
Date:	Scale:	Project No:-
25-08-2024	1:200	A-232409

Drawing No.: E-232409-B1-04-01 | A1 | R0



USABLE TERRACE PLAN

03



ROOF PLAN

04

LEGEND		
SYMBOL	DESCRIPTION	MOUNTING HEIGHT ABOVE FFL (FROM BOTTOM OF SW SOCKET)
	SWITCH 1 WAY	1250mm AFFL (150mm FROM DOOR FRAME)
	SWITCH 2 WAY	1250mm AFFL (150mm FROM DOOR FRAME)
	6A SWITCH SOCKET	230MM OR AS MENTION
	16/6A SWITCH SOCKET	230MM OR AS MENTION
	16A SWITCH SOCKET FOR GYSER	2000MM
	16A SWITCH SOCKET FOR AC	2150MM OR AS MENTION
	6A SWITCH SOCKET (UPS POWER)	230MM OR AS MENTION
	TV SOCKET	1100MM OR AS MENTION
	TELEPHONE SOCKET	230MM OR AS MENTION
	LAN SOCKET	230MM OR AS MENTION
		TABLE TOP / WALL @ 980mm
		TABLE TOP / WALL @ 980mm
	Wi-FI ROUTER (CAT6)	WALL @ 300mm DOWN FROM CEILING
	ELECTRICAL DB	MOUNTED ON WALL (TOP OF DB 1800MM FROM FFL)

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t 91 120 46 40 300
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BOARD NO: 91-120-4356800

Electrical Consultants:
ARCHOHM CONSULTANT PVT. LTD.
SE-2007, SECTOR-E, N.O.IDA - 201301, (UP)
T 91 120 46 40 300 F 91 120 42 46 788
mail@archohm.com www.archohm.com

PHE Consultants:
WAC Engineers INDIA PVT. LTD.
MEP Consultants & Project Managers
B-78,Sector-8,Noida,UP-201301
Ph.: 0120-4104875,
E-mail:wac@waceng.com

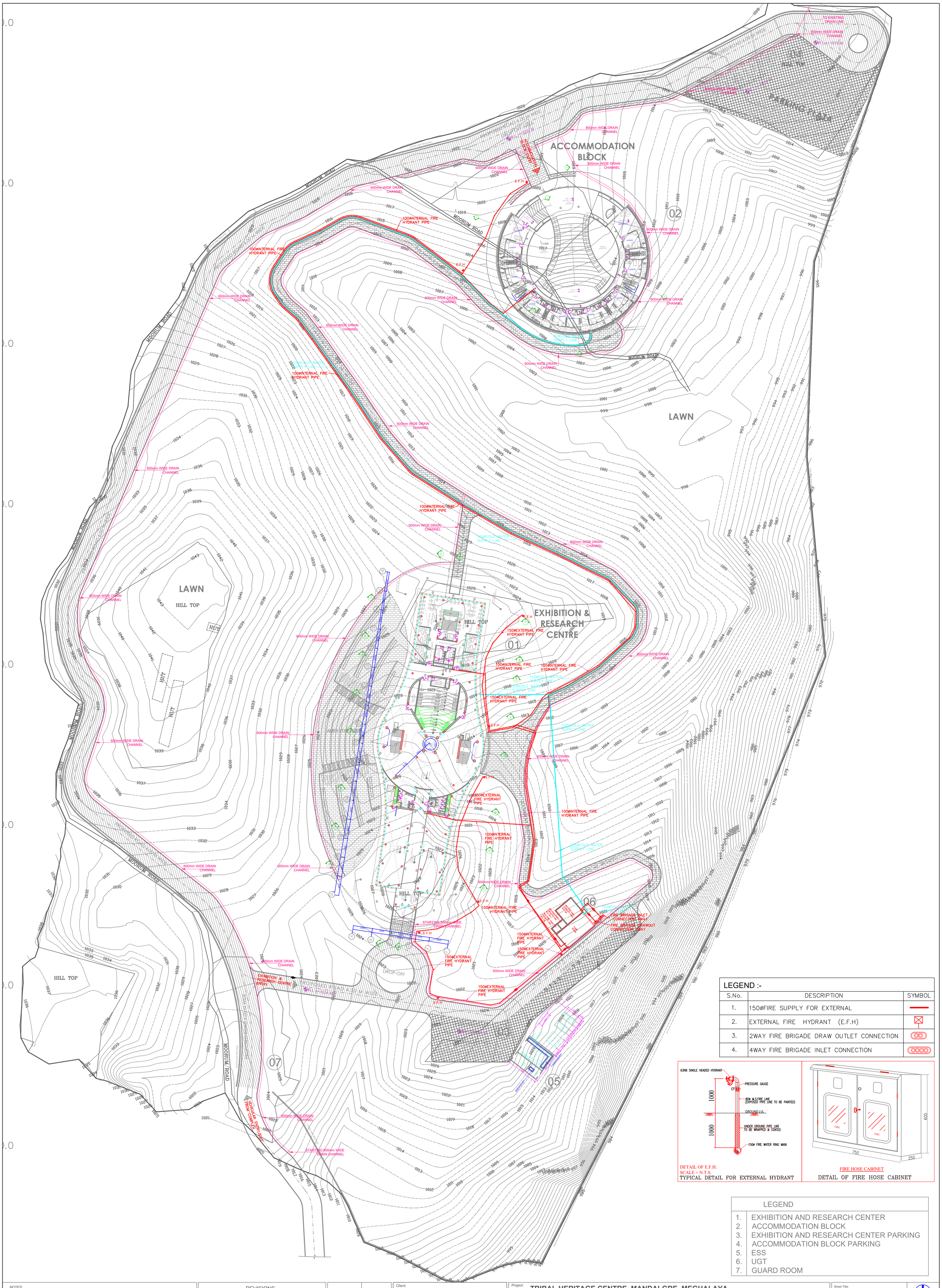
Drawn By	CK
Checked By	AKD
Design By	AKD

Sheet Title: EXHIBITION & RESEARCH CENTRE USABLE TERRACE & ROOF FLOOR PLAN SW SOCKET LAYOUT

Date:	Scale:	Project No:-
25-08-2024	1:200	A-232409

Drawing No.: E-232409-B1-04-03

A1 R0



LEGEND :-

S.No.	DESCRIPTION	SYMBOL
1.	150øFIRE SUPPLY FOR EXTERNAL	
2.	EXTERNAL FIRE HYDRANT (E.F.H)	
3.	2WAY FIRE BRIGADE DRAW OUTLET CONNECTION	
4.	4WAY FIRE BRIGADE INLET CONNECTION	

DETAIL OF E.F.H.
SCALE = N.T.S.
TYPICAL DETAIL FOR EXTERNAL HYDRANT

FIRE HOSE CABINET
DETAIL OF FIRE HOSE CABINET

LEGEND

1. EXHIBITION AND RESEARCH CENTER
2. ACCOMMODATION BLOCK
3. EXHIBITION AND RESEARCH CENTER PARKING
4. ACCOMMODATION BLOCK PARKING
5. ESS
6. UGT
7. GUARD ROOM

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REVISIONS

No.	Date	Descriptions	Revision by

Client:
MEGHALAYAN AGE LIMITED (MAL)

Project:
TRIBAL HERITAGE CENTRE, MANDALGRE, MEGHALAYA

Architects:
ARCHOHM ARCHITECTURE ENGINEERING URBANISM INTERIORS
c-28c, sector-8, noida - 201301 (up)
t 91 120 46 40 300
f 91 120 42 46 788
mail@archohm.com
www.archohm.com

Structural Consultants:
TPC TECHNICAL PROJECTS CONSULTANTS(P)LTD.
R.O: B-74, sector 57, noida, uttar pradesh-201301(india)
BOARD NO.:91-120-4306800

Electrical Consultants:
ARCHOHM CONSULTANT PVT. LTD.
C-28C, SECTOR-8, NOIDA - 201301 (UP)
T 91 120 46 40 300 F 91 120 42 46 788
mail@archohm.com www.archohm.com

PHE Consultants:
WAC Engineers INDIA PVT. LTD.
MEP Consultants & Project Managers
B-76,Sector-8,Noida,UP-201301
Ph.: 0120-4304855,
E-mail:wac@wacmep.com

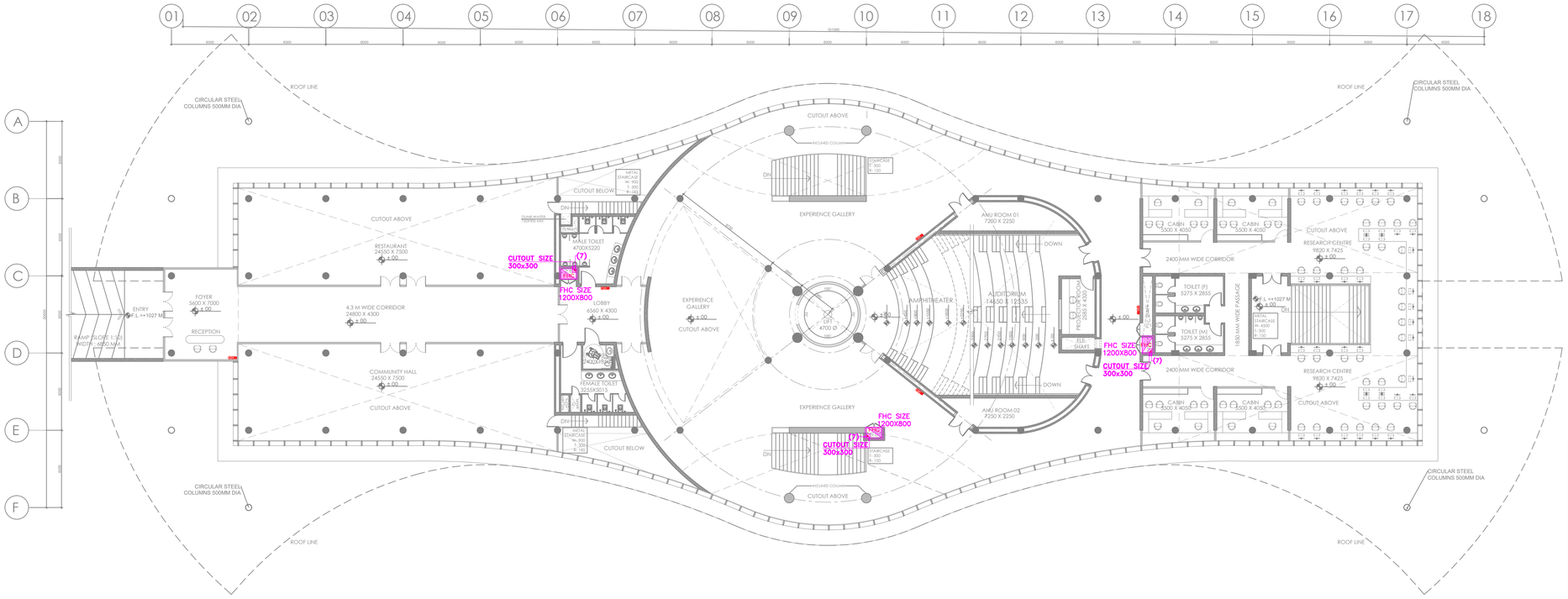
Drawn By	PRATEEK
Checked By	MS
Design By	FAHAD

Sheet Title:
FIRE FIGHTING DRAWING
TRIBAL HERITAGE CENTRE
SITE PLAN

NORTH

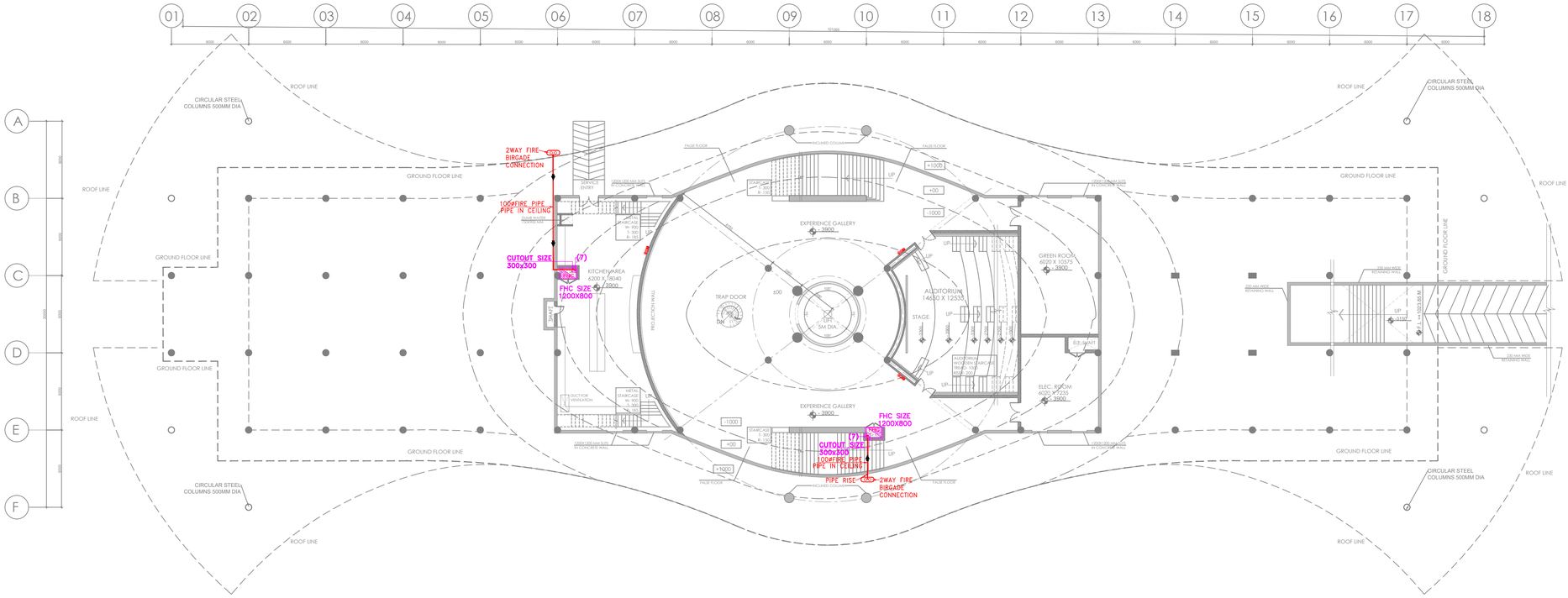
Date:	Scale:	Project No.:
29.08.2024	1:500	A-232409

Drawing No.: A-232409-FF-01 | A1 | R0



03 - GROUND FLOOR PLAN

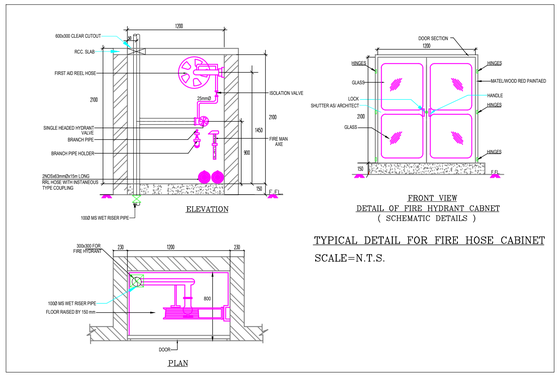
SCALE 1:200



02 - LOWER GROUND FLOOR PLAN

SCALE 1:200

LEGEND FOR FIRE FIGHTING	
(7)	100ØFIRE PIPE
	4.5KG CO2 FIRE EXTINGUISHER
	6KG ABC FIRE EXTINGUISHER
	9KG ABC FIRE EXTINGUISHER
FHC	FIRE HOSE CABINET(1200X800)



TYPICAL DETAIL FOR FIRE HOSE CABINET

SCALE=N.T.S.

NOTES:

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7.

REVISIONS

No.	Date	Descriptions	Revision by

Client:

MEGHALAYAN AGE LIMITED (MAL)

Project: **TRIBAL HERITAGE CENTRE, MANDALGRE, MEGHALAYA**

Architects:
ARCHOHM ARCHITECTURE ENGINEERING URBANISM INTERIORS
o-28c, sector-8, noida - 201301 (up)
t 91 120 46 46 300
f 91 120 42 46 788
mail@archohm.com
www.archohm.com

Structural Consultants:
TPC TECHNICAL PROJECTS CONSULTANTS(P)LTD.
H.O: B-74, sector 57, noida, uttar pradesh (india)
BOARD NO: 91-120-4300850

Electrical Consultants:
ARCHOHM CONSULTANT PVT. LTD.
ICC-2MC, SECTOR-8, NOIDA - 201 301 (UP)
T: 91 120 46 46 300 F: 91 120 42 46 788
mail@archohm.com | www.archohm.com

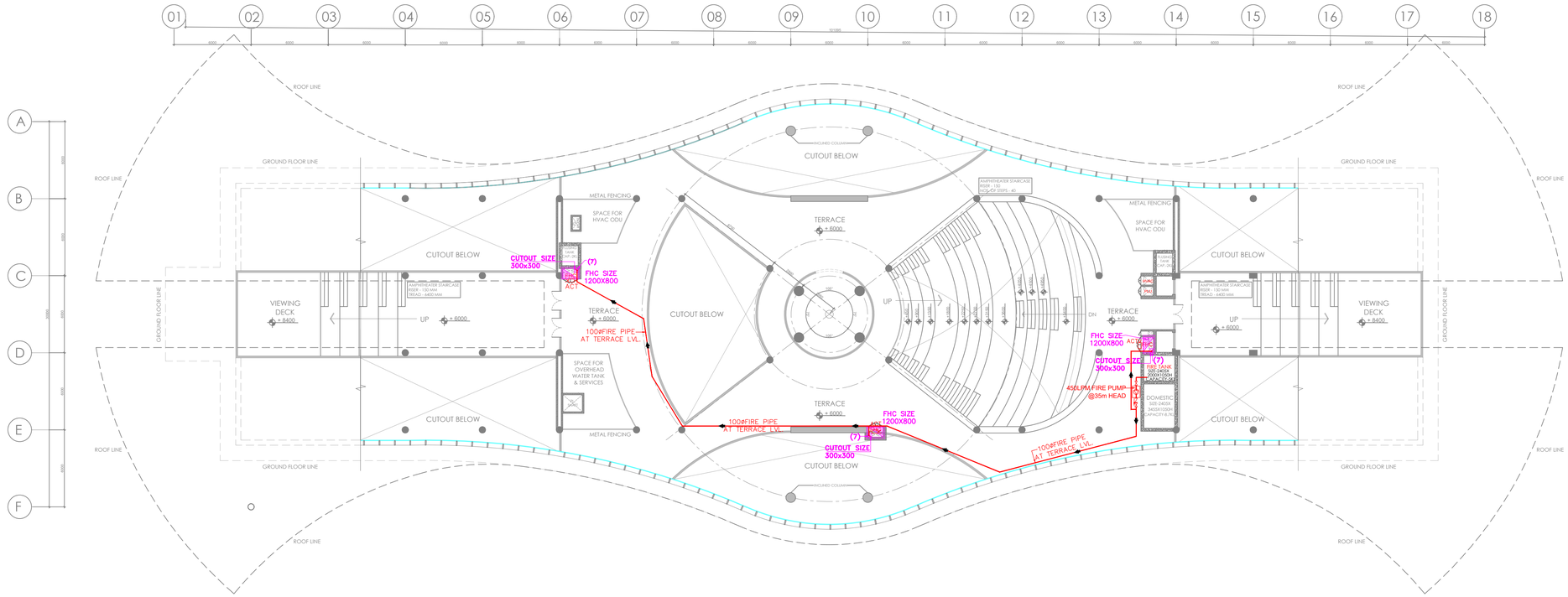
PHE Consultants:
WAC Engineers INDIA PVT. LTD.
MEP Consultants & Project Managers
B-78,Sector-6,Noida,UP-201301
Ph.: 0120-4350070
E-mail:info@waceng.com

Drawn By	PRATEEK
Checked By	M.S
Design By	SHAHFHAD

Sheet Title: TRIBAL HERITAGE CENTER EXHIBITION & RESEARCH CENTER FLOOR PLANS (SHEET 01 OF 03)

Date:	Scale:	Project No.:
29-08-2024	1:200	A-232409

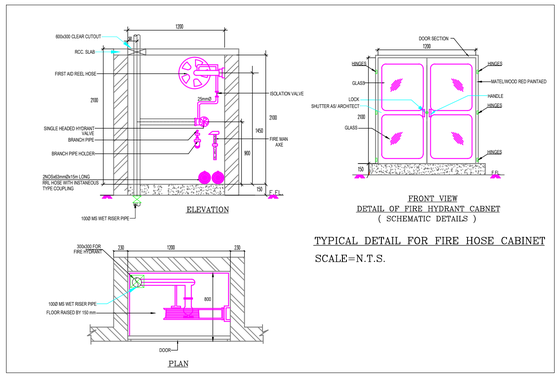
Drawing No.: A-232409-B1-FF-01 | A1 | R0

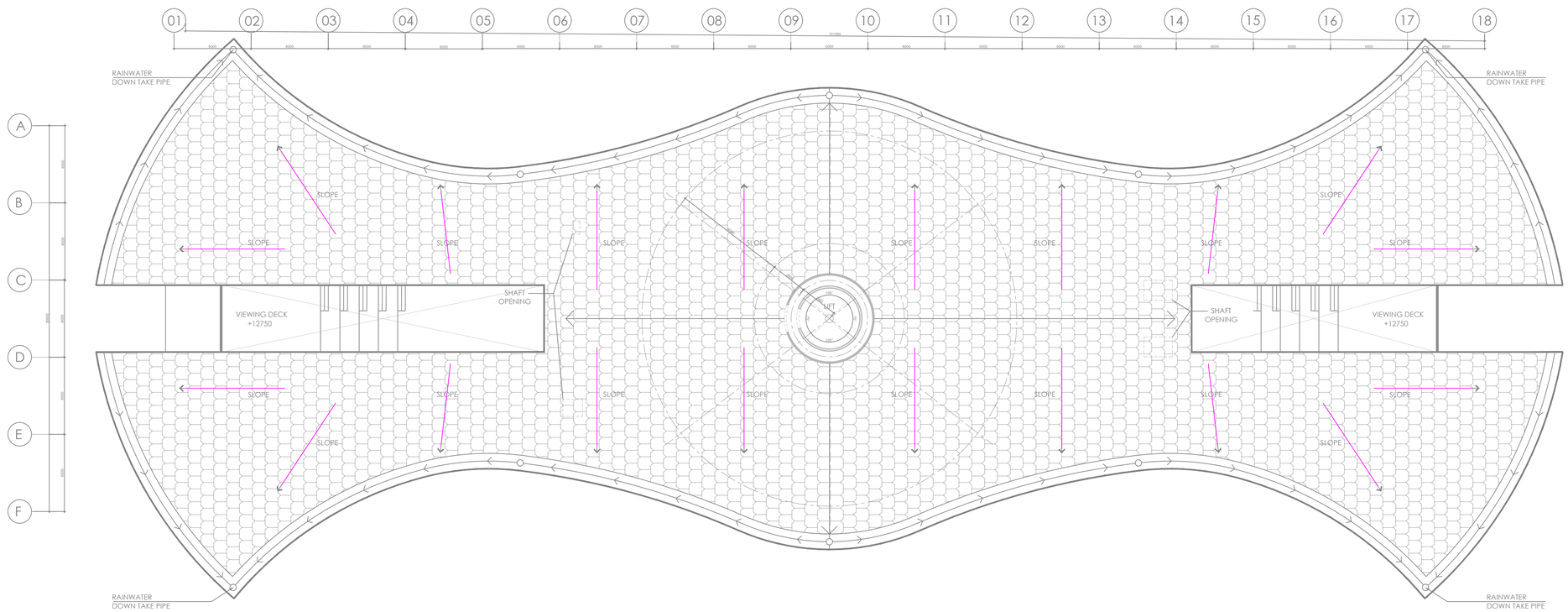


04 USABLE TERRACE PLAN

SCALE 1:200

LEGEND FOR FIRE FIGHTING	
(7)	100#FIRE PIPE
	4.5KG CO2 FIRE EXTINGUISHER
	6KG ABC FIRE EXTINGUISHER
	9KG ABC FIRE EXTINGUISHER
FHC	FIRE HOSE CABINET(1200X800)





05 ROOF PLAN

SCALE 1:200

NOTES:

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REVISIONS

No.	Date	Descriptions	Revision by

Client:

MEGHALAYAN AGE LIMITED (MAL)

Project: **TRIBAL HERITAGE CENTRE, MANDALGRE, MEGHALAYA**

Architects:

ARCHOHM ARCHITECTURE ENGINEERING URBANISM INTERIORS

o-28c, sector-8, noida - 201301 (up)
t 91 120 46 40 300
f 91 120 42 46 788
mail@archohm.com
www.archohm.com

Structural Consultants:

TPC TECHNICAL PROJECTS CONSULTANTS(P)LTD.
H.O: B-74, sector 57, noida, uttar pradesh-201301(india)
BGANO NO. 91-120-4306600

Electrical Consultants:

ARCHOHM CONSULTANT PVT. LTD.
IC -28C, SECTOR-8,NOIDA - 201 301 (UP)
T 91 120 46 40 300 F 91 120 42 46 788
mail@archohm.com www.archohm.com

PHE Consultants:

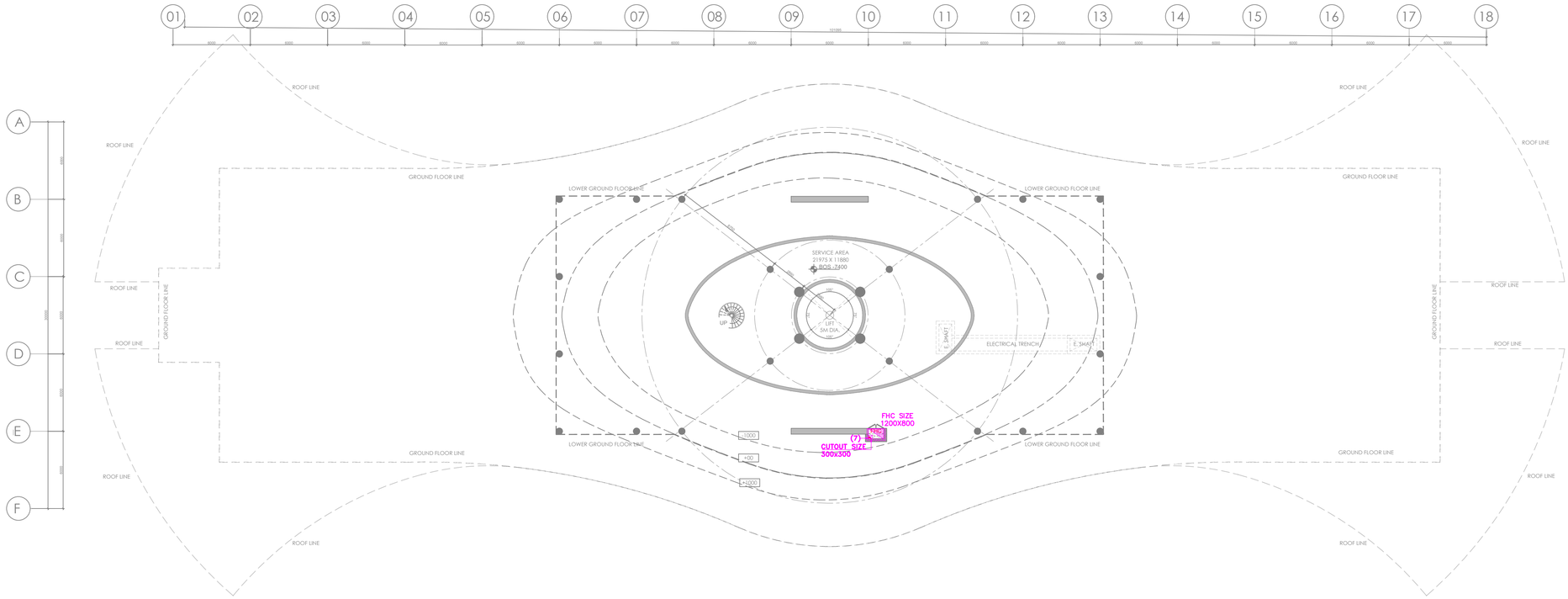
WAC Engineers INDIA PVT. LTD.
MEP Consultants & Project Managers
B-76,Sector-6,Noida(UP-201301)
Ph. 0120-4504455
E-mail:wac@waceng.com

Drawn By	PRATEEK
Checked By	M.S
Design By	SHAHFHAD

Sheet Title: TRIBAL HERITAGE CENTER EXHIBITION & RESEARCH CENTER FLOOR PLANS (SHEET 02 OF 03)

Date: 29-08-2024 | Scale: 1:200 | Project No.- A-232409

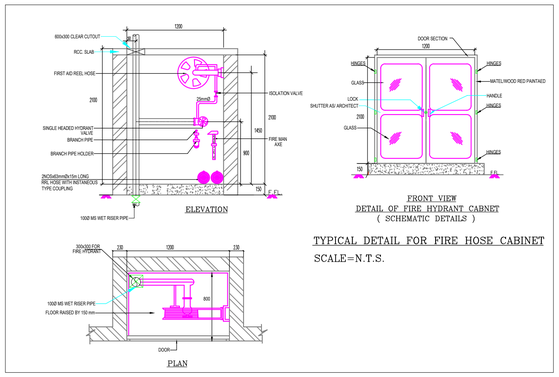
Drawing No.: A-232409-B1-FF-02 | A1 | R0



01 SERVICE FLOOR PLAN

SCALE 1:200

LEGEND FOR FIRE FIGHTING	
(7)	100ØFIRE PIPE
	4.5KG CO2 FIRE EXTINGUISHER
	6KG ABC FIRE EXTINGUISHER
	9KG ABC FIRE EXTINGUISHER
FHC	FIRE HOSE CABINET(1200X800)



TYPICAL DETAIL FOR FIRE HOSE CABINET

SCALE=N.T.S.

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REVISIONS

No.	Date	Descriptions	Revision by

Client:

MEGHALAYAN AGE LIMITED (MAL)

Project: **TRIBAL HERITAGE CENTRE, MANDALGRE, MEGHALAYA**

Architects:

ARCHOHM ARCHITECTURE ENGINEERING URBANISM INTERIORS
c-28c, sector-8,
noida - 201301 (up)
t 91 120 46 40 300
f 91 120 42 46 788
mail@archohm.com
www.archohm.com

Structural Consultants:
TPC TECHNICAL PROJECTS CONSULTANTS(P)LTD.
H.O: B.79, sector 57, noida, uttar pradesh-201301(india)
BOARD NO. 91-120-4306800

Electrical Consultants:
ARCHOHM CONSULTANT PVT. LTD.
W.C.24C, SECTOR-8, NOIDA - 201301 (UP)
T. 91 120 46 40 300 F. 91 120 42 46 788
mail@archohm.com www.archohm.com

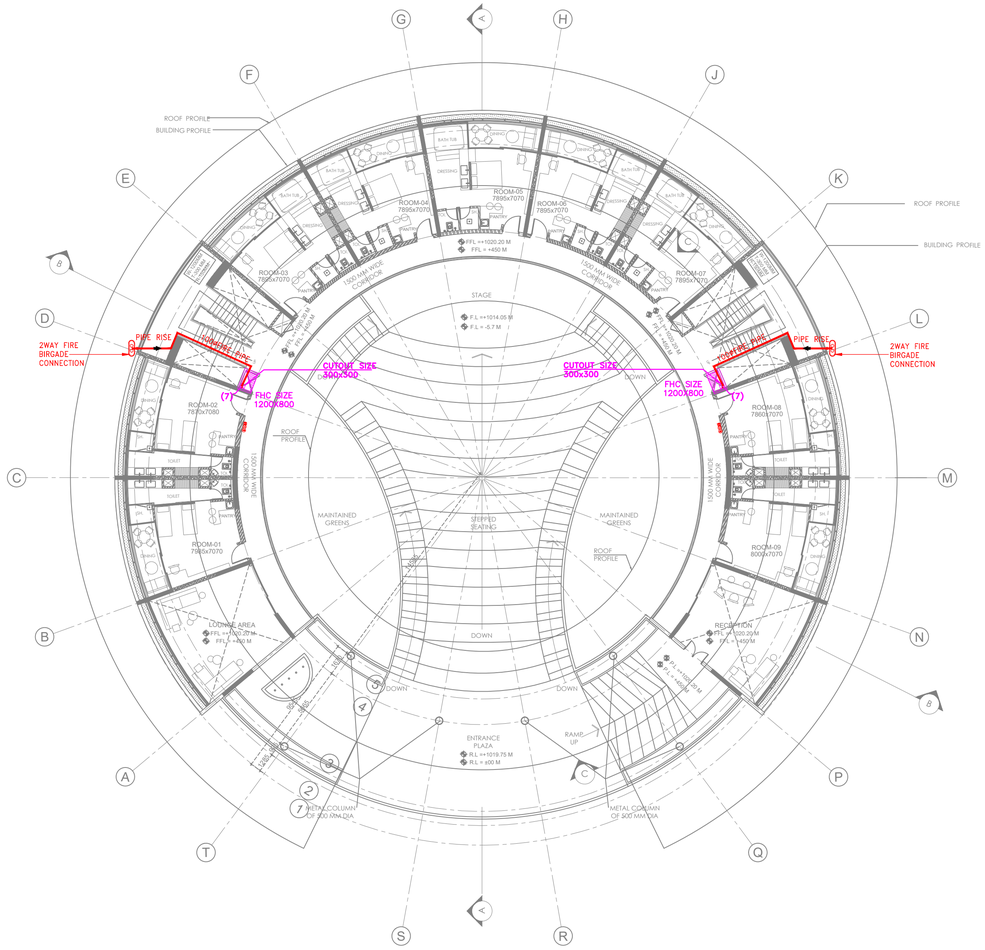
PHE Consultants:
WAC Engineers INDIA PVT. LTD.
MEP Consultants & Project Managers
B-78,Sector-4,Noida,UP-201301
Ph.: 0120-4504070,
E-mail:wac@wacengg.com

Drawn By	PRATEEK
Checked By	M.S
Design By	SHAHFHAD

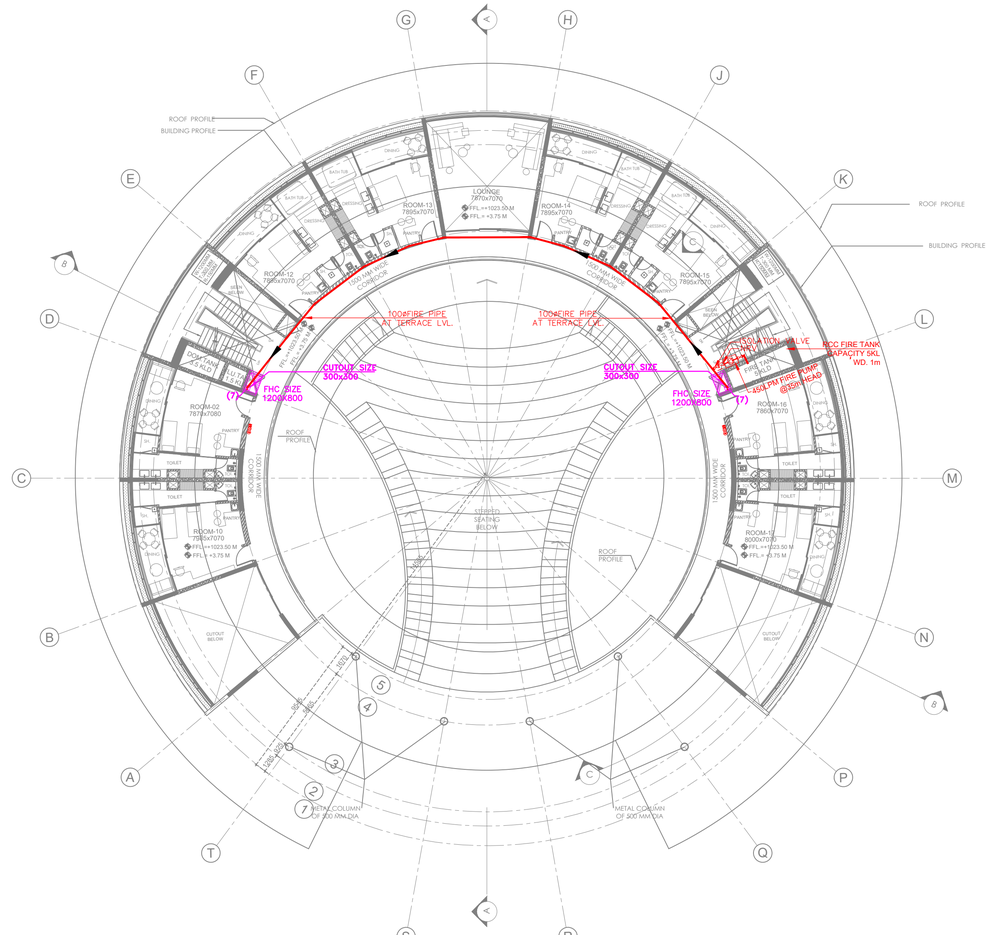
Sheet Title:
TRIBAL HERITAGE CENTER
EXHIBITION & RESEARCH CENTER
FLOOR PLANS
(SHEET 03 OF 03)

Date:	Scale:	Project No:-
29-08-2024	1:200	A-232409

Drawing No.: A-232409-B1-FF-03 | A1 | R0

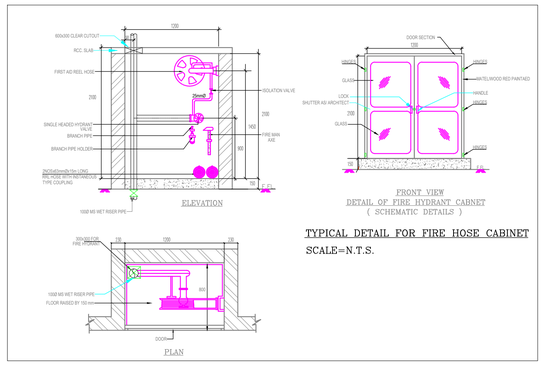


GROUND FLOOR PLAN
SCALE 1:200



FIRST FLOOR PLAN
SCALE 1:200

LEGEND FOR FIRE FIGHTING	
(7)	100øFIRE PIPE
⊗	4.5KG CO2 FIRE EXTINGUISHER
⊙	6KG ABC FIRE EXTINGUISHER
	9KG ABC FIRE EXTINGUISHER
FHC	FIRE HOSE CABINET(1200X800)



TYPICAL DETAIL FOR FIRE HOSE CABINET
SCALE=N.T.S.

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REVISIONS

No.	Date	Descriptions	Revision by

Client:
MEGHALAYAN AGE LIMITED (MAL)

Project: **TRIBAL HERITAGE CENTRE, MANDALGRE, MEGHALAYA**

Architects:
ARCHOHM ARCHITECTURE ENGINEERING URBANISM INTERIORS
c-28c, sector-8, noida - 201301 (up)
t 91 120 46 40 300
f 91 120 42 46 788
mail@archohm.com
www.archohm.com

Structural Consultants:
TPC TECHNICAL PROJECTS CONSULTANTS(P)LTD.
H.O: B-75, noida ST. noida, uttar pradesh-201301(india)
BOARD NO.:91-120-4300800

Electrical Consultants:
ARCHOHM CONSULTANT PVT. LTD.
V.Chr., 184/30 M.A, NOIDA - 201301 (UP)
t: 0120-4640 300 f: 0120-4242 788
e:info@archohm.com w:www.archohm.com

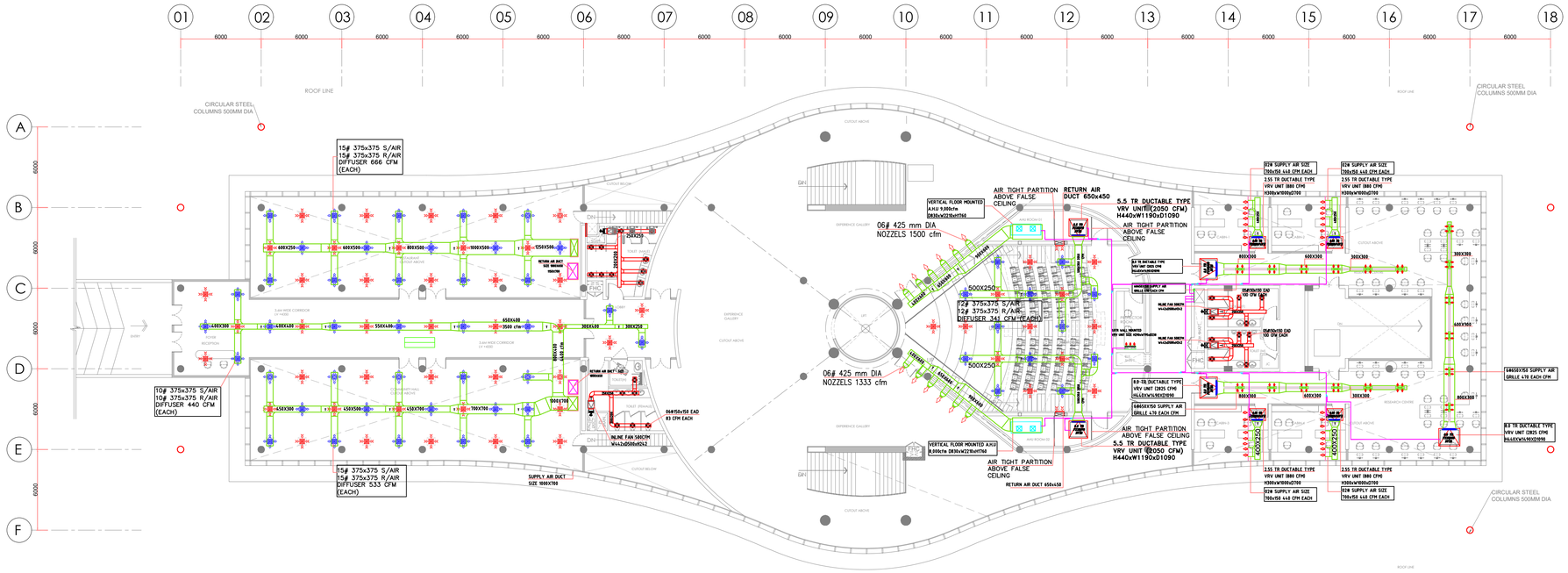
PHE Consultants:
WAC Engineers INDIA PVT. LTD.
MEP Consultants & Project Managers
B-78,Sector-8,Noida,UP-201301
Ph.: 0120-4566051,
E-mail:wac@waceng.com

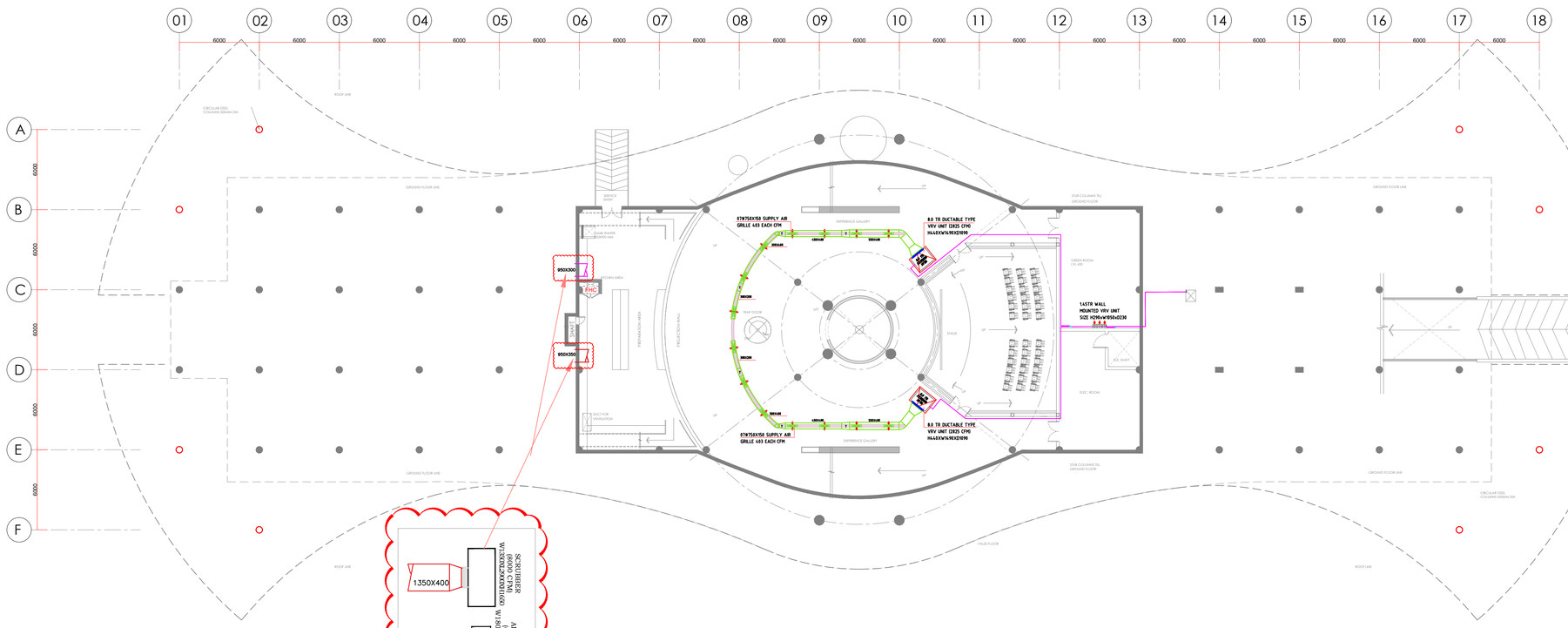
Drawn By	PK	
Checked By	SHAD	
Design By	SHAD	

Sheet Title: FIRE FIGHTING DRAWING TRIBAL HERITAGE CENTER ACCOMMODATION BLOCK

Date: 29-08-2024 | Scale: 1:200 | Project No:- A-232409

Drawing No.: A-232409-B2-FF-01-01 | A1 | R0





LOWER GROUND FLOOR PLAN

LEGEND

NO.	SYMBOL	DESCRIPTION
1.	AC UNIT	SPLIT HI–WALL UNIT
2.	OUT DOOR	SPLIT OUTDOOR UNIT
3.		REFRIGRANT PIPE
4.		IN–LINE FAN FOR EX.
5.		SUPPLY & FRESH AIR GRILLE
6.		RETURN & EX. AIR GRILLE
		SUPPLY AIR DUCT
7.		RETURN AIR DUCT
8.		DRAIN PIPE

NOTES:

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REVISIONS

No.	Date	Descriptions	Revision by

Client:

MEGHALAYAN AGE LIMITED (MAL)

Project: **TRIBAL HERITAGE CENTRE, MANDALGRE, MEGHALAYA**

Architects:
ARCHOHM ARCHITECTURE ENGINEERING URBANISM INTERIORS
c-28c, sector-8, noida - 201301 (up)
t 91 120 46 40 300
f 91 120 42 46 788
mail@archohm.com
www.archohm.com

Structural Consultants:
TPC TECHNICAL PROJECTS CONSULTANTS(P)LTD.
H.O: B-74, sector 57, noida, uttar pradesh-201301(india)
BOARD NO.:91-120-4300000

Electrical Consultants:
ARCHOHM CONSULTANT PVT. LTD.
B-28C, SECTOR-8, NOIDA - 201301 (UP)
T 91-120-4 46 300 F 91-120-42 46 788
mail@archohm.com www.archohm.com

PHE Consultants:
WAC Engineers INDIA PVT. LTD.
MEP Consultants & Project Managers
B-78,Sector-6, Noida,UP-201301
Ph.: 0120-4504693, E-mail: wac@wacmep.com

Drawn By	ATEEQ		
Checked By	MUSHEER		
Design By	MUSHEER		

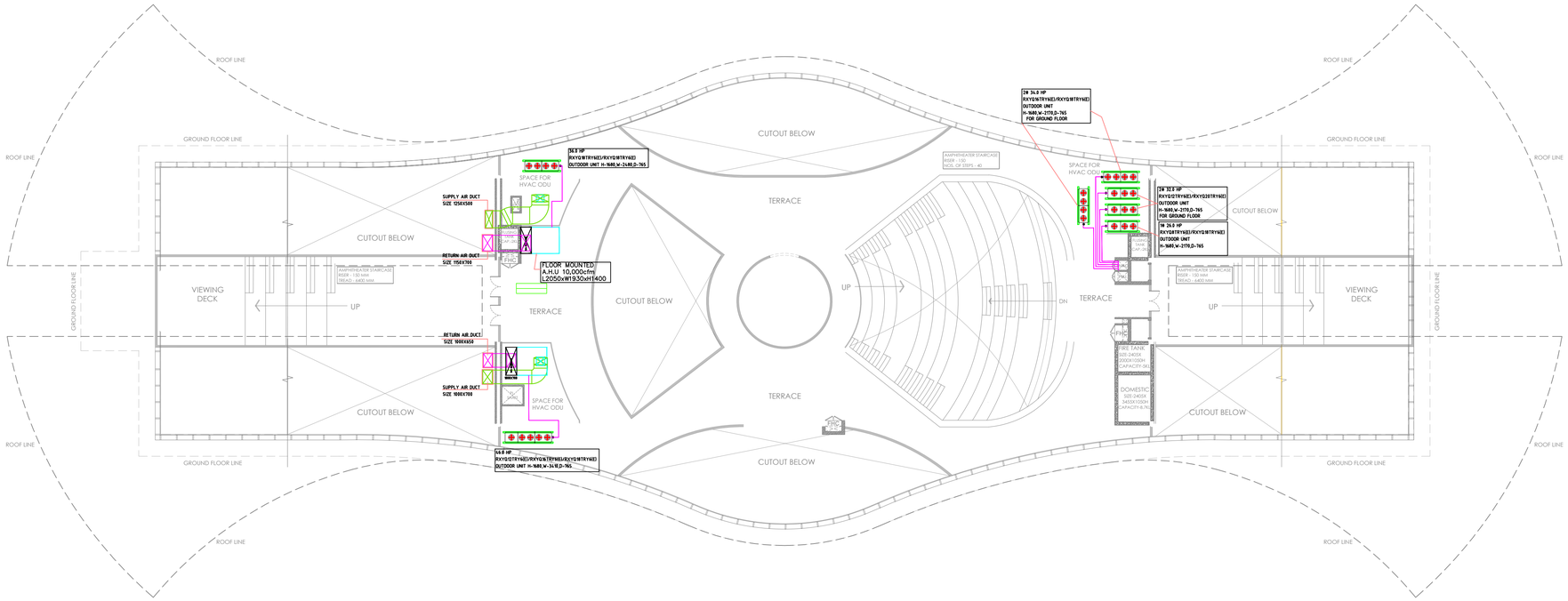
Sheet Title:
HVAC LAYOUT
RESEARCH & EXHIBITION CENTRE
FLOOR PLANS
(SHEET 01 OF 02)

Date:	Scale:	Project No.:
29-08-2024	1:200	A0-232409

Drawing No.: A-232409-B1-HVAC-01-01 | A1 | R0

LEGEND

NO.	SYMBOL	DESCRIPTION
1.	AC UNIT	SPLIT HI–WALL UNIT
2.	OUT DOOR	SPLIT OUTDOOR UNIT
3.		REFRIGRANT PIPE
4.		IN–LINE FAN FOR EX.
5.		SUPPLY & FRESH AIR GRILLE
6.		RETURN & EX. AIR GRILLE
		SUPPLY AIR DUCT
7.		RETURN AIR DUCT
8.		DRAIN PIPE



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REVISIONS

No.	Date	Descriptions	Revision by

Client:

MEGHALAYAN AGE LIMITED (MAL)

Project: **TRIBAL HERITAGE CENTRE, MANDALGRE, MEGHALAYA**

Architects:

ARCHOHM ARCHITECTURE ENGINEERING URBANISM INTERIORS
c-28c, sector-8, noida - 201301 (up)
t 91 120 46 40 300
f 91 120 42 46 788
mail@archohm.com
www.archohm.com

Structural Consultants:

TPC TECHNICAL PROJECTS CONSULTANTS(P)LTD.
H.O: B-74, sector 57, noida, uttar pradesh, (u.p.) 201301
BOARD NO. 91-120-4300600

Electrical Consultants:

ARCHOHM CONSULTANT PVT. LTD.
W.-28C, SECTOR-8, NOIDA - 201301 (UP)
T: 91-120-46 40 300 F: 91-120-42 46 788
mail@archohm.com www.archohm.com

PHE Consultants:

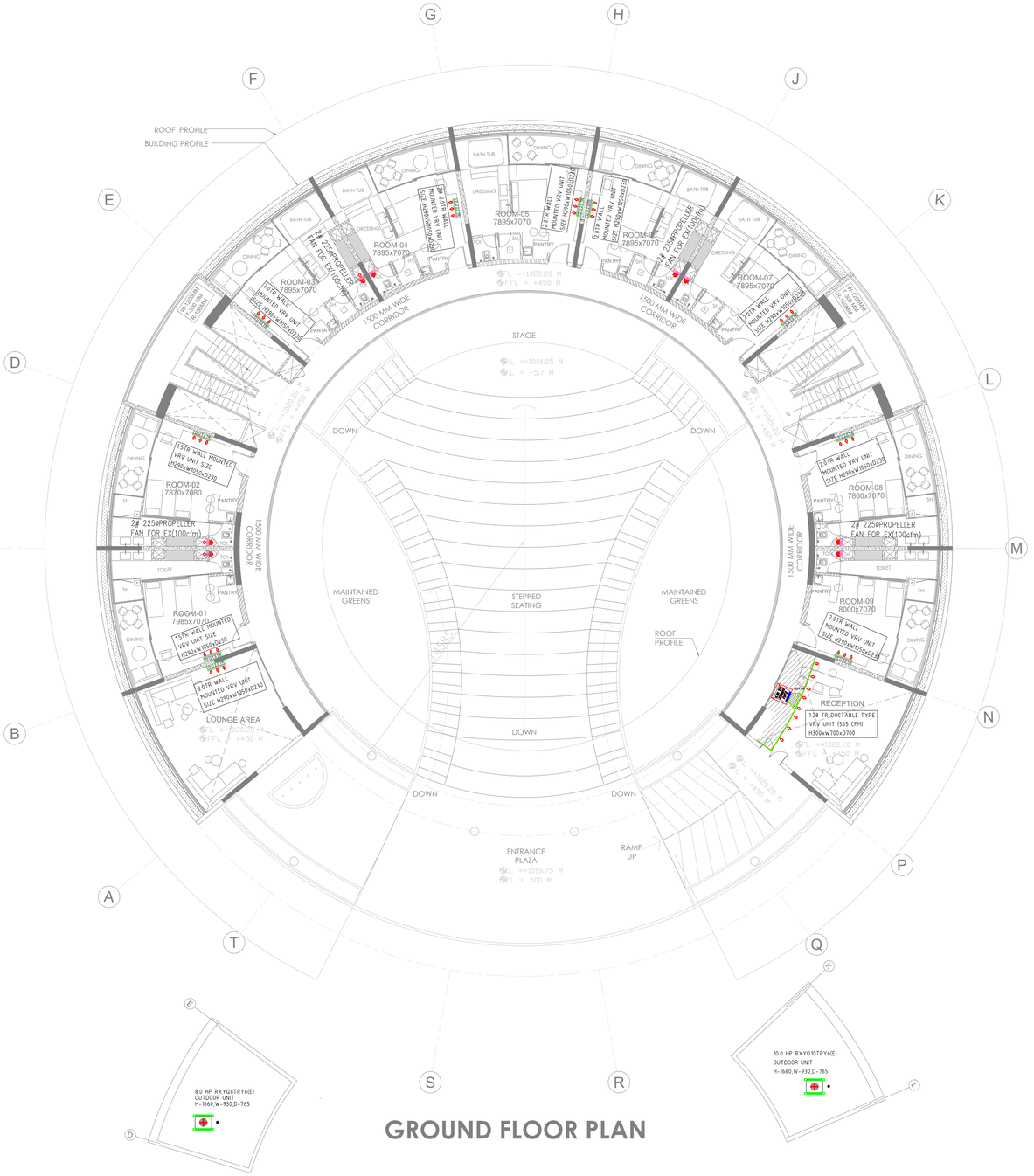
WAC Engineers INDIA PVT. LTD.
MEP Consultants & Project Managers
B-78,Sector-6, Noida,UP-201301
Ph.: 0120-4504693, E-mail: wac@wacmep.com

Drawn By	ATEEQ
Checked By	MUSHEER
Design By	MUSHEER

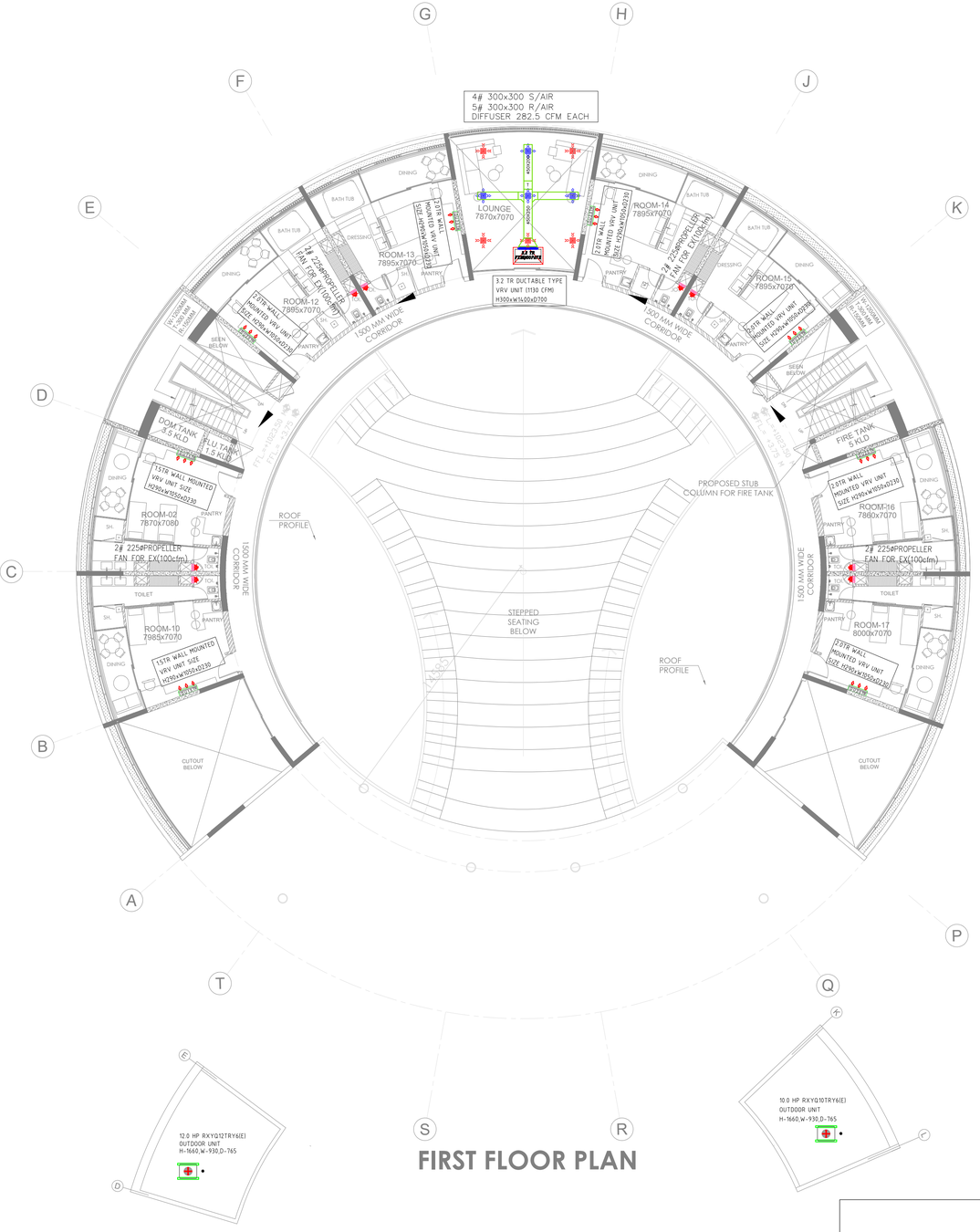
Sheet Title:
HVAC LAYOUT
RESEARCH & EXHIBITION CENTRE
TERRACE FLOOR PLANS
(SHEET 02 OF 02)

Date:	Scale:	Project No.-
29-08-2024	1:200	A0-232409

Drawing No.: A-232409-B1-HVAC-01-02 | A1 | R0



GROUND FLOOR PLAN



FIRST FLOOR PLAN

LEGEND

NO	SYMBOL	DESCRIPTION
1.		SPLIT HI–WALL UNIT
2.	OUT DOOR	SPLIT OUTDOOR UNIT
3.		REFRIGRANT PIPE
4.		IN–LINE FAN FOR EX.
5.		SUPPLY & FRESH AIR GRILLE
6.		RETURN & EX. AIR GRILLE
7.		SUPPLY AIR DUCT
8.		RETURN AIR DUCT
9.		DRAIN PIPE

NOTES:

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REVISIONS

No.	Date	Descriptions	Revision by

Client:
MEGHALAYAN AGE LIMITED (MAL)

Project:
TRIBAL HERITAGE CENTRE, MANDALGRE, MEGHALAYA

Architects:
ARCHOHM ARCHITECTURE ENGINEERING URBANISM INTERIORS
c-28c, sector-8, noida - 201301 (up)
t 91 120 46 40 300
f 91 120 42 46 788
mail@archohm.com
www.archohm.com

Structural Consultants:
TPC TECHNICAL PROJECTS CONSULTANTS(P)LTD.
H.O: B-79, sector 57, noida, uttar pradesh-201301(india)
BOARD NO. 91-120-4306900

Electrical Consultants:
ARCHOHM CONSULTANT PVT. LTD.
SC 23C, SECTOR-6, NOIDA - 201301 (UP)
T: 91 120 46 40 300 F: 91 120 42 46 788
mail@archohm.com www.archohm.com

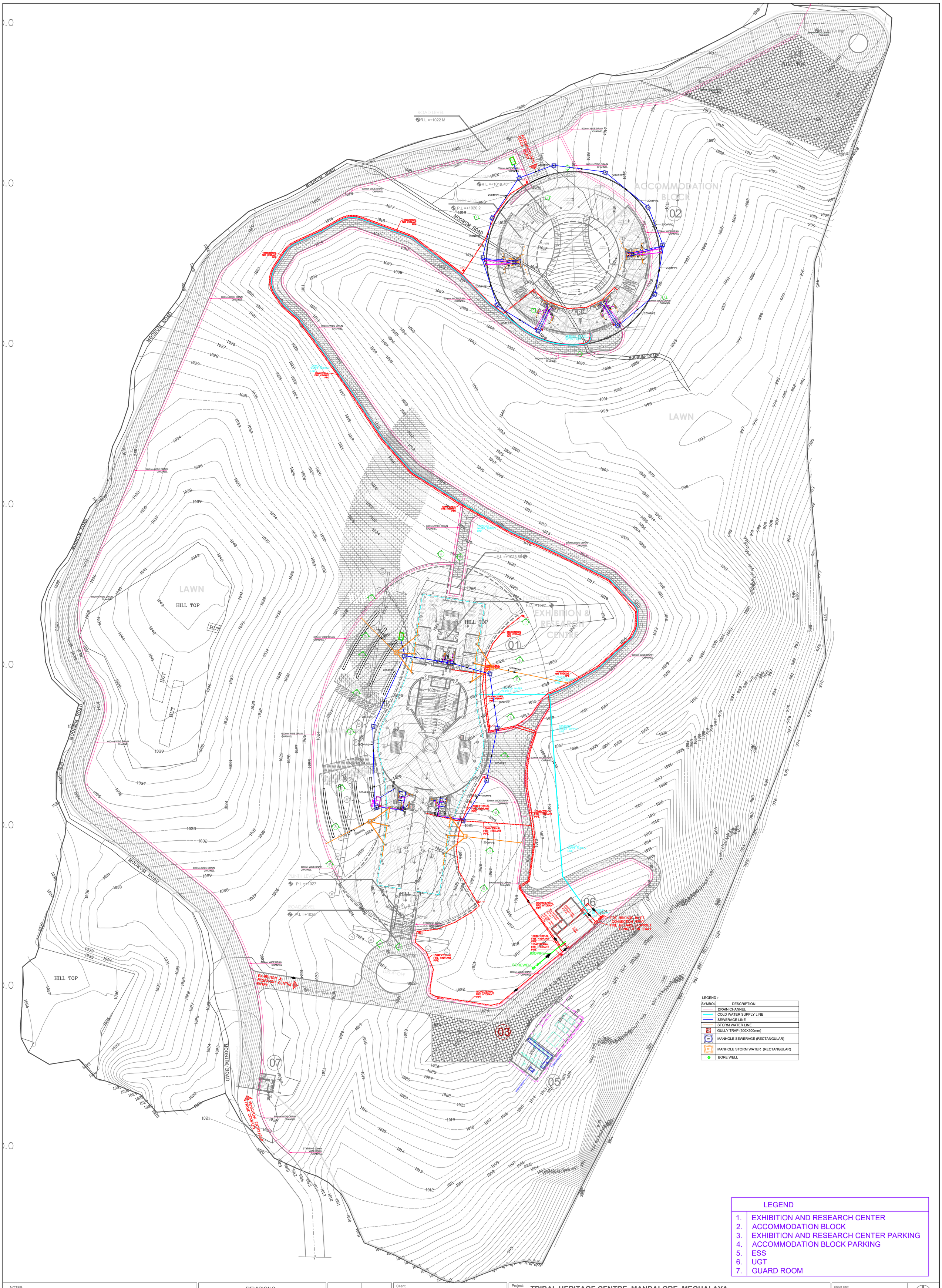
PHE Consultants:
WAC Engineers INDIA PVT. LTD.
MEP Consultants & Project Managers
B-78,Sector-4,Noida,UP-201301
Ph.: 0120-4500653,
E-mail:wac@waceng.com

Drawn By	AM
Checked By	GK
Design By	SG

Sheet Title:
HVAC LAYOUT
RESEARCHERS ACCOMMODATION
FLOOR PLANS & SECTION

Date:	Scale:	Project No:-
15-03-2024	1:200	A0-212216

Drawing No.: A-232409-B2-HVAC-01-01 | A1 | R0



LEGEND :-

SYMBOL	DESCRIPTION
	DRAIN CHANNEL
	COLD WATER SUPPLY LINE
	SEWERAGE LINE
	STORM WATER LINE
	GULLY TRAP (300X300mm)
MS	MANHOLE SEWERAGE (RECTANGULAR)
MS	MANHOLE STORM WATER (RECTANGULAR)
	BORE WELL

LEGEND	
1.	EXHIBITION AND RESEARCH CENTER
2.	ACCOMMODATION BLOCK
3.	EXHIBITION AND RESEARCH CENTER PARKING
4.	ACCOMMODATION BLOCK PARKING
5.	ESS
6.	UGT
7.	GUARD ROOM

NOTES:

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Architects:
ARCHOHM ARCHITECTURE ENGINEERING URBANISM INTERIORS
c-28c, sector-8, noida - 201301 (up)
t 91 120 46 40 300
f 91 120 42 46 788
mail@archohm.com
www.archohm.com

Structural Consultants:
TPC TECHNICAL PROJECTS CONSULTANTS(P)LTD.
H.O. B-74, sector 57, noida, uttar pradesh-201301(india)
BOARD NO.-91-120-4308800

Electrical Consultants:
ARCHOHM CONSULTANT PVT. LTD.
3C-28C, SECTOR-8, NOIDA - 201301 (UP)
T: 91 120 46 40 300 F: 91 120 42 46 788
mail@archohm.com www.archohm.com

PHE Consultants:
WAC Engineers INDIA PVT. LTD.
MEP Consultants & Project Managers
B-78,Sector-6,Noida,U.P.-201301
Ph.: 0120-4304003,
E-mail:wac@waceep.com

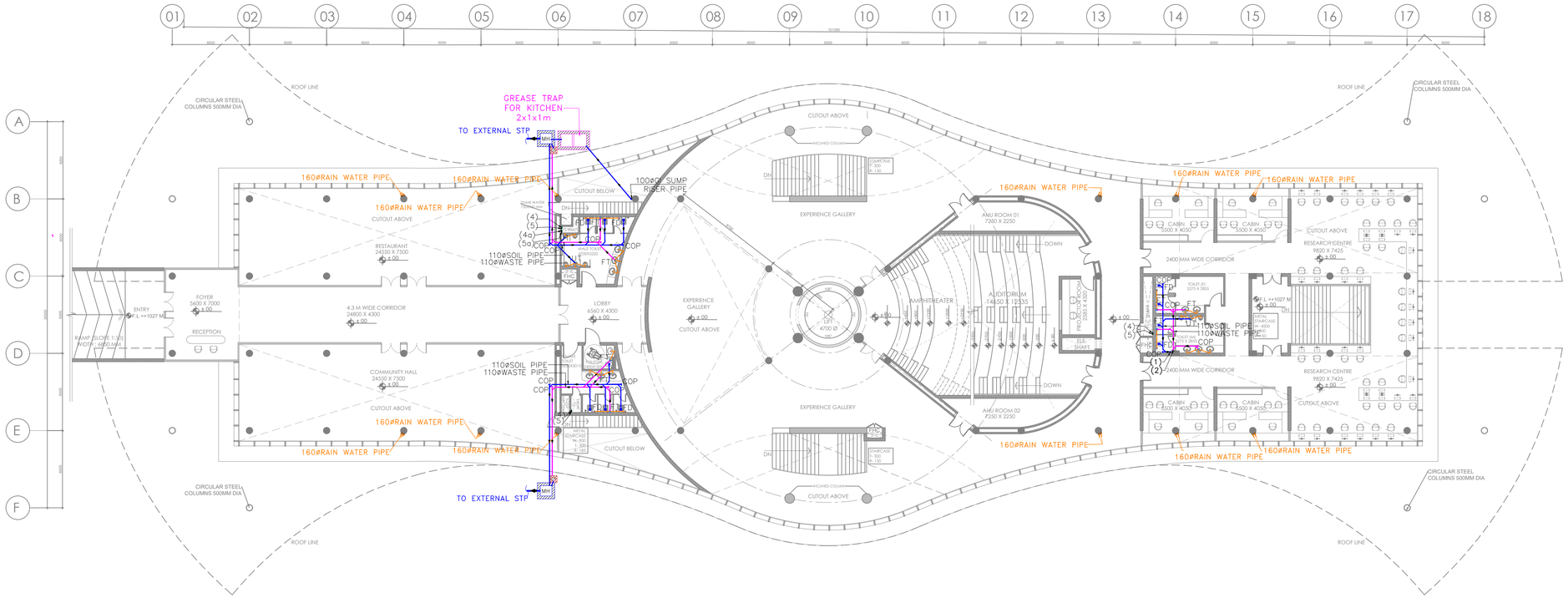
Drawn By	PRATEEK
Checked By	MS
Design By	SHAHFHAD

Sheet Title:
PLUMBING DRAWING
TRIBAL HERITAGE CENTRE
SITE PLAN

NORTH

Date:	Scale:	Project No.-
29.08.2024	1:500	A-232409

Drawing No.: A-232409-PL-01 | A1 | R0

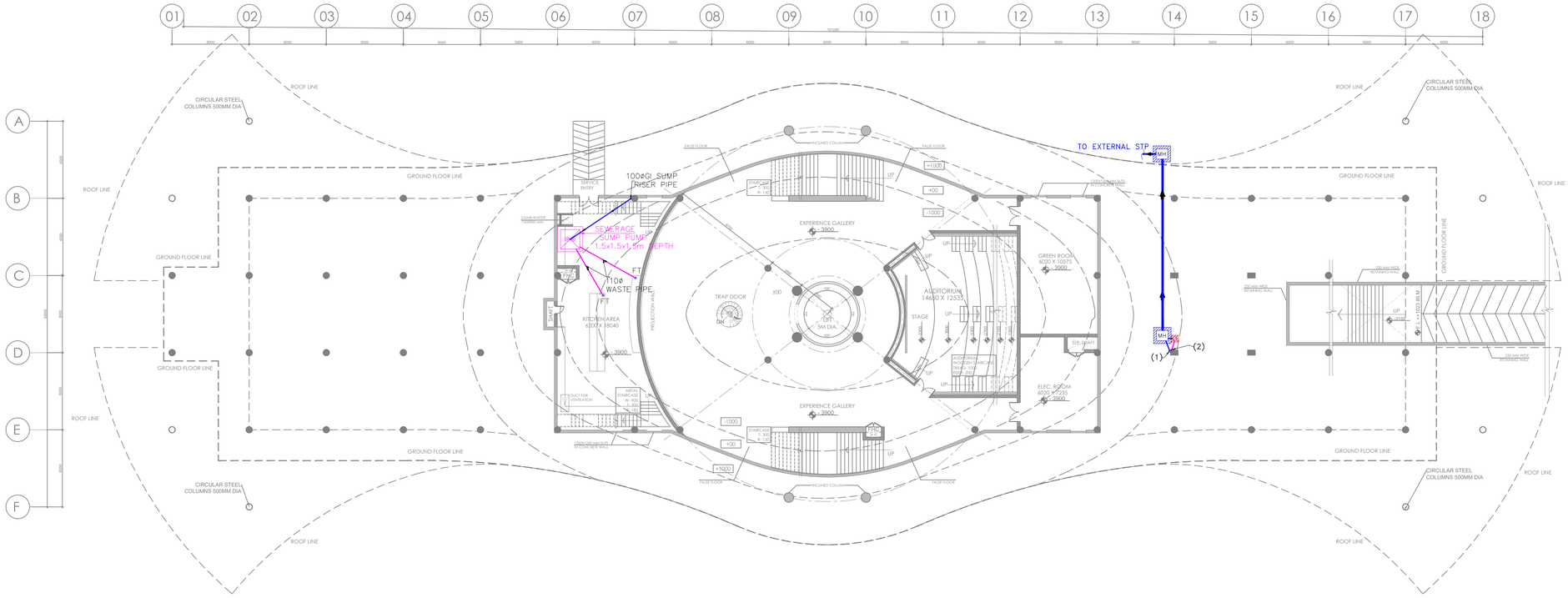


03 - GROUND FLOOR PLAN

SCALE 1:200

LEGEND FOR PLUMBING PIPE		
(1)	110ø SOIL & VENT PIPE	
(2)	110ø WASTE & VENT PIPE	
(4)	COLD WATER SUPPLY PIPE	
(4a)	COLD WATER RISER PIPE	
(5)	FLUSHING WATER SUPPLY PIPE	
(5a)	FLUSHING WATER RISER PIPE	
(10a)	160ø RAIN WATER PIPE	
FD	FLOOR DRAIN 110X63mm	
FT	FLOOR TRAP 110X110mm	
FT	CUTOUT SIZE 150mmX150mm	
W.C	CUTOUT SIZE 150mmX150mm	
CWS	COLD WATER SUPPLY	
CWR	COLD WATER RISER	
FWS	FLUSHING WATER SUPPLY	
FWR	FLUSHING WATER RISER	
⊳⊲	VALVE	

NOTE:-
1. FD TO FT 63ø WASTE PIPE
2. WASH BASIN TO FT 40ø WASTE PIPE
3. SINK TO FT 50ø WASTE PIPE
4. URINAL TO URINAL TRAP 50ø SOIL PIPE



02 - LOWER GROUND FLOOR PLAN

SCALE 1:200

LEGEND FOR PLUMBING PIPE		
(1)	110ø SOIL & VENT PIPE	
(2)	110ø WASTE & VENT PIPE	
(4)	COLD WATER SUPPLY PIPE	
(4a)	COLD WATER RISER PIPE	
(5)	FLUSHING WATER SUPPLY PIPE	
(5a)	FLUSHING WATER RISER PIPE	
(10a)	160ø RAIN WATER PIPE	
FD	FLOOR DRAIN 110X63mm	
FT	FLOOR TRAP 110X110mm	
FT	CUTOUT SIZE 150mmX150mm	
W.C	CUTOUT SIZE 150mmX150mm	
CWS	COLD WATER SUPPLY	
CWR	COLD WATER RISER	
FWS	FLUSHING WATER SUPPLY	
FWR	FLUSHING WATER RISER	
⊳⊲	VALVE	

NOTE:-
1. FD TO FT 63ø WASTE PIPE
2. WASH BASIN TO FT 40ø WASTE PIPE
3. SINK TO FT 50ø WASTE PIPE
4. URINAL TO URINAL TRAP 50ø SOIL PIPE

NOTES:
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No.	Date	Descriptions	Revision by

Client:
MEGHALAYAN AGE LIMITED (MAL)

Project: **TRIBAL HERITAGE CENTRE, MANDALGRE, MEGHALAYA**

Architects:
ARCHOHM ARCHITECTURE ENGINEERING INTERIORS
c-28c, sector-8, noida - 201301 (up)
t 91 120 46 40 300
f 91 120 42 46 788
mail@archohm.com
www.archohm.com

Structural Consultants:
TPC TECHNICAL PROJECTS CONSULTANTS(P)LTD.
Plot No. 2, Sector-Pi, Greater Noida, UttarPradesh-201306 INDIA
BOARD NO.-91-120-4306600

Electrical Consultants:
ARCHOHM CONSULTANT PVT. LTD.
NL-09C, SECTOR-X, NOIDA-, 201301 (U.P)
T 91 120 46 40 300 F 91 120 42 46 788
mail@archohm.com www.archohm.com

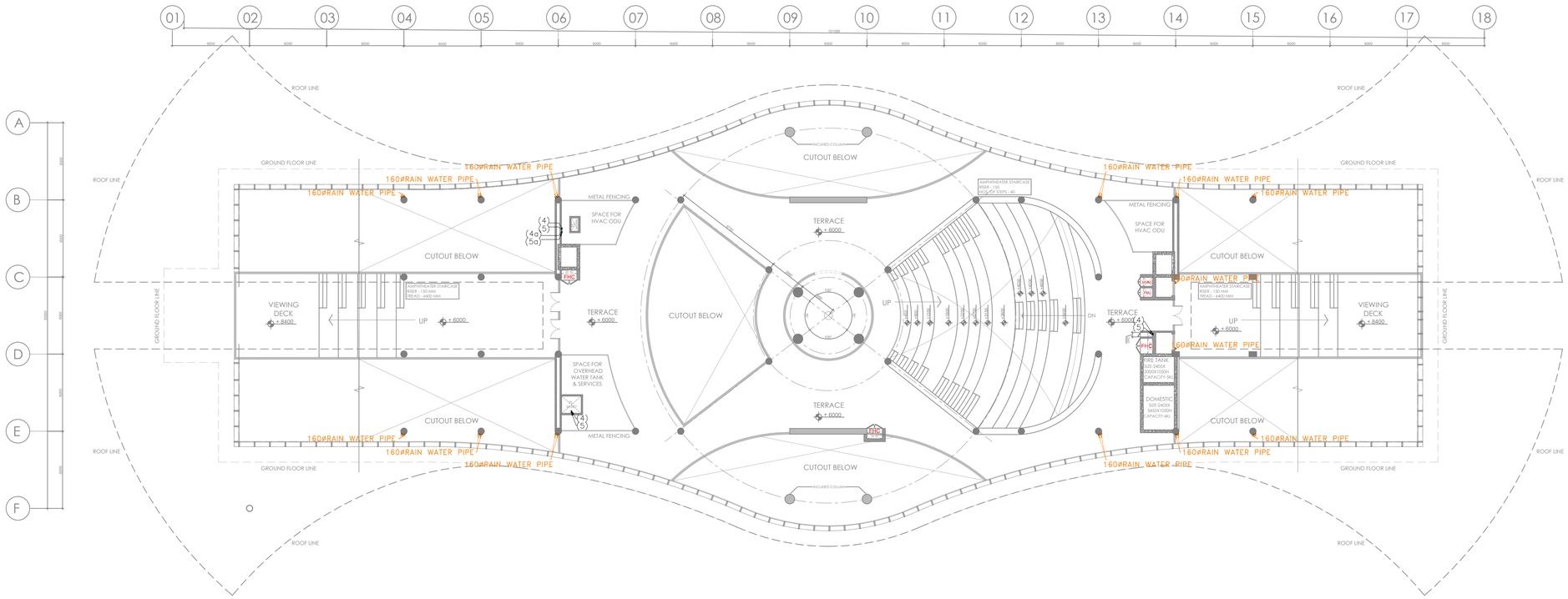
PHE Consultants:
WAC Engineers INDIA PVT. LTD.
MEP Consultants & Project Managers
B-7Sector-6,Noida,U.P-201301
Ph.- 0120-4304053,
E-mail:wac@wacmep.com

Drawn By	PRATEEK
Checked By	M.S
Design By	SHAHFHAD

Sheet Title:
TRIBAL HERITAGE CENTER
EXHIBITION & RESEARCH CENTER
FLOOR PLANS PLUMBING DRAINAGE SYSTEM
(SHEET 01 OF 02)

Date:	Scale:	Project No:-
29-08-2024	1:200	A-232409

Drawing No.: A-232409-B1-PL-01-01 | A1 | R0

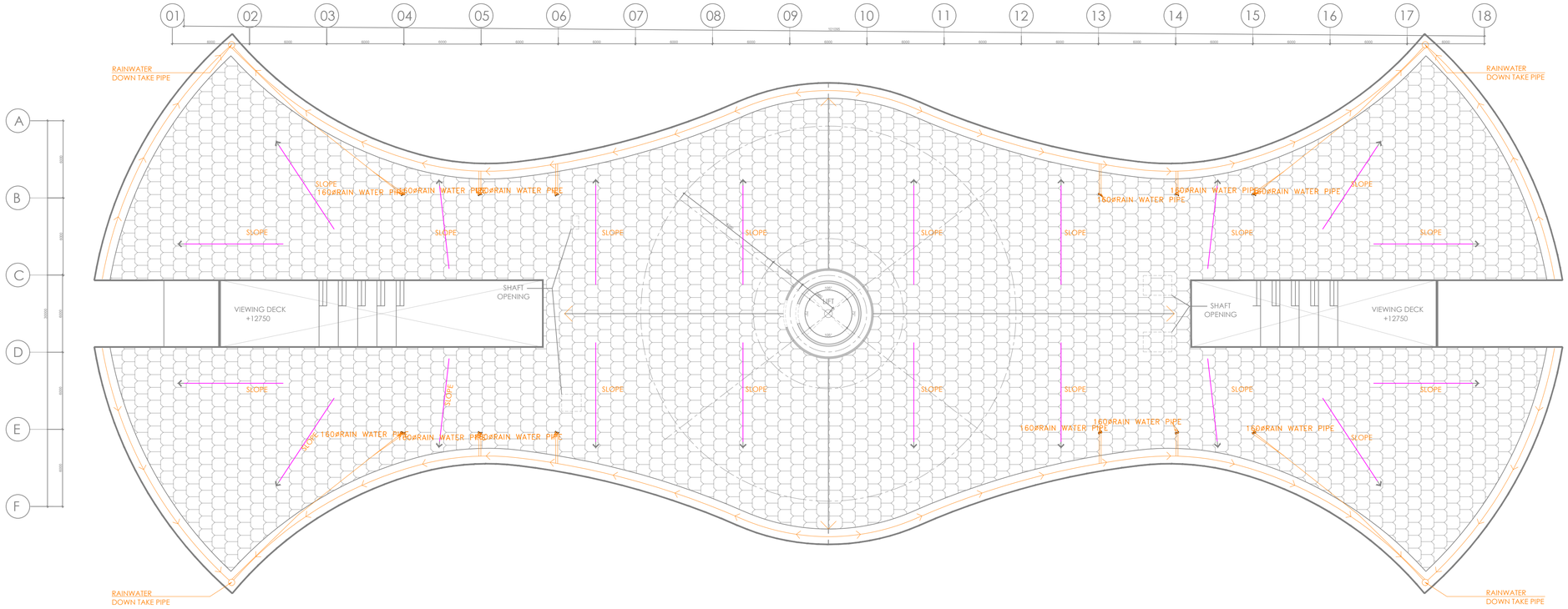


04 - USABLE TERRACE PLAN

SCALE 1:200

LEGEND FOR PLUMBING PIPE	
(1)	110ø SOIL & VENT PIPE
(2)	110ø WASTE & VENT PIPE
(4)	COLD WATER SUPPLY PIPE
(4a)	COLD WATER RISER PIPE
(5)	FLUSHING WATER SUPPLY PIPE
(5a)	FLUSHING WATER RISER PIPE
(10a)	T60ø RAIN WATER PIPE
FD	FLOOR DRAIN 110X63mm
FT	FLOOR TRAP 110X110mm
FT	CUTOUT SIZE 150mmX150mm
W.C	CUTOUT SIZE 150mmX150mm
CWS	COLD WATER SUPPLY
CWR	COLD WATER RISER
FWS	FLUSHING WATER SUPPLY
FWR	FLUSHING WATER RISER
⋈	VALVE

NOTE:-
1. FD TO FT 63ø WASTE PIPE
2. WASH BASIN TO FT 40ø WASTE PIPE
3. SINK TO FT 50ø WASTE PIPE
4. URINAL TO URINAL TRAP 50ø SOIL PIPE



05 - ROOF PLAN

SCALE 1:200

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No.	Date	Descriptions	Revision by

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Project: **TRIBAL HERITAGE CENTRE, MANDALGRE, MEGHALAYA**

Architects:
ARCHOHM ARCHITECTURE ENGINEERING URBANISM INTERIORS
o-28c, sector-8, noida - 201301 (up)
t 91 120 46 40 300
f 91 120 42 46 768
mail@archohm.com
www.archohm.com

Structural Consultants:
TPC TECHNICAL PROJECTS CONSULTANTS(P)LTD.
H.O. B-74, sector 57, noida, uttar pradesh (india)
BOARD NO. 91-120-4368800

Electrical Consultants:
ARCHOHM CONSULTANT PVT. LTD.
SC-28C, SECTOR-8, NOIDA - 201301 (UP)
T: 91 120 46 40 300 F: 91 120 42 46 768
mail@archohm.com www.archohm.com

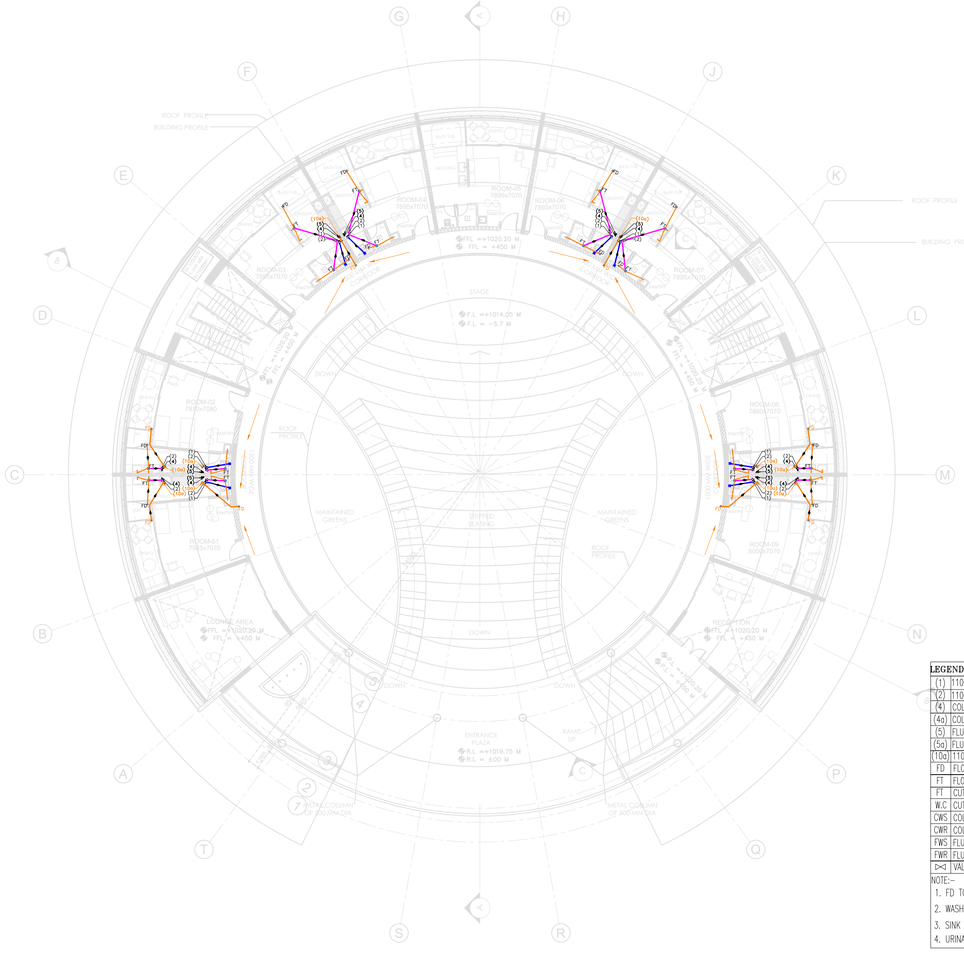
PHE Consultants:
WAC Engineers INDIA PVT. LTD.
MEP Consultants & Project Managers
B-76,Sector-8,Noida,U.P-201301
Ph.: 0120-4566651,
E-mail:wac@wacengg.com

Drawn By	PRATEEK	
Checked By	M.S	
Design By	SHAHFHAD	

Sheet Title:
TRIBAL HERITAGE CENTER
EXHIBITION & RESEARCH CENTER
FLOOR PLANS PLUMBING DRAINAGE SYSTEM
(SHEET 02 OF 02)

Date:	Scale:	Project No.-
29-08-2024	1:200	A-232409

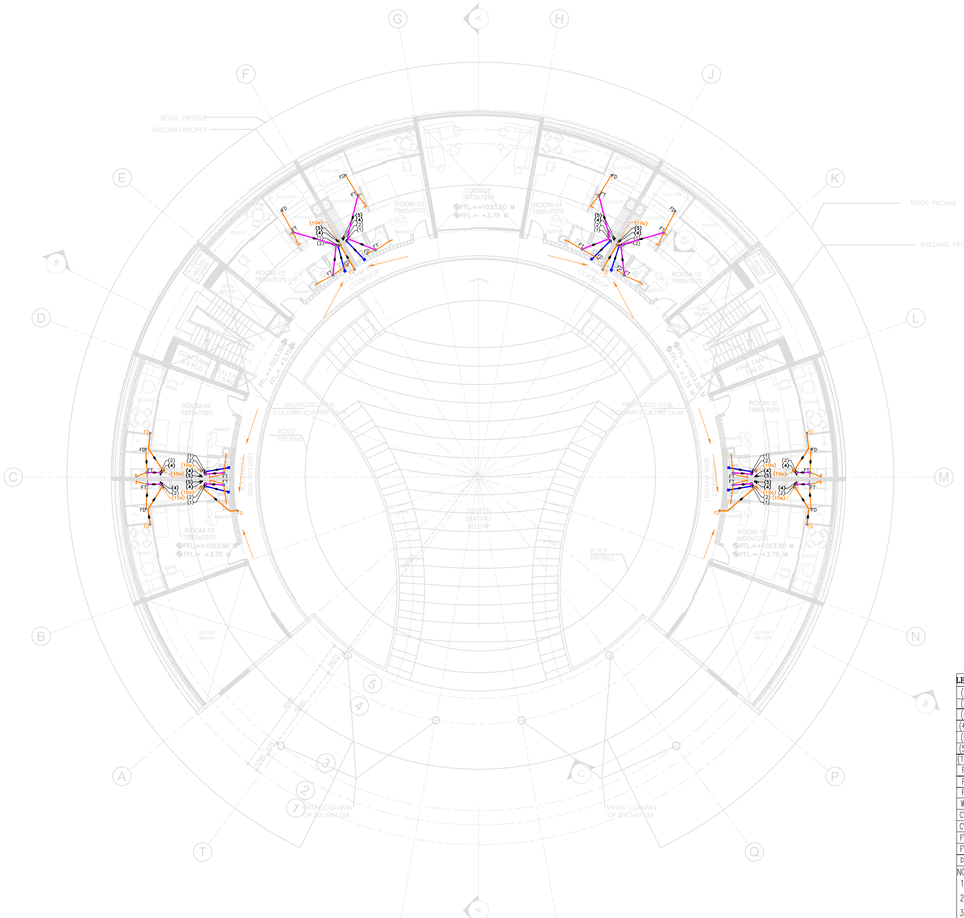
Drawing No.: A-232409-B1-PL-01-02 | A1 | R0



GROUND FLOOR PLAN
SCALE 1:200

LEGEND FOR PLUMBING PIPE		
(1)	110ø SOIL & VENT PIPE	
(2)	110ø WASTE & VENT PIPE	
(4)	COLD WATER SUPPLY PIPE	
(4a)	COLD WATER RISER PIPE	
(5)	FLUSHING WATER SUPPLY PIPE	
(5a)	FLUSHING WATER RISER PIPE	
(10a)	110ø RAIN WATER PIPE	
FD	FLOOR DRAIN 110X63mm	
FT	FLOOR TRAP 110X110mm	
FT	CUTOUT SIZE 150mmX150mm	
W.C	CUTOUT SIZE 150mmX150mm	
CWS	COLD WATER SUPPLY	
CWR	COLD WATER RISER	
FWS	FLUSHING WATER SUPPLY	
FWR	FLUSHING WATER RISER	
▷◁	VALVE	

NOTE:-
1. FD TO FT 63ø WASTE PIPE
2. WASH BASIN TO FT 40ø WASTE PIPE
3. SINK TO FT 50ø WASTE PIPE
4. URINAL TO URINAL TRAP 50ø SOIL PIPE



FIRST FLOOR PLAN
SCALE 1:200

LEGEND FOR PLUMBING PIPE		
(1)	110ø SOIL & VENT PIPE	
(2)	110ø WASTE & VENT PIPE	
(4)	COLD WATER SUPPLY PIPE	
(4a)	COLD WATER RISER PIPE	
(5)	FLUSHING WATER SUPPLY PIPE	
(5a)	FLUSHING WATER RISER PIPE	
(10a)	110ø RAIN WATER PIPE	
FD	FLOOR DRAIN 110X63mm	
FT	FLOOR TRAP 110X110mm	
FT	CUTOUT SIZE 150mmX150mm	
W.C	CUTOUT SIZE 150mmX150mm	
CWS	COLD WATER SUPPLY	
CWR	COLD WATER RISER	
FWS	FLUSHING WATER SUPPLY	
FWR	FLUSHING WATER RISER	
▷◁	VALVE	

NOTE:-
1. FD TO FT 63ø WASTE PIPE
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3. SINK TO FT 50ø WASTE PIPE
4. URINAL TO URINAL TRAP 50ø SOIL PIPE

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Project:
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Architects:
ARCHOHM ARCHITECTS ENGINEERS INTERIORS
o-28s, sector-8, noida - 201301 (up)
t 91 120 42 40 300
f 91 120 42 46 788
mail@archohm.com
www.archohm.com

Structural Consultants:
TPC TECHNICAL PROJECTS CONSULTANTS(P)LTD.
H.O.: B-76, sector 57, noida, uttar pradesh, india
BOARD NO. 91-120-4300850

Electrical Consultants:
ARCHOHM CONSULTANT PVT. LTD.
3C-28C, SECTOR-8, NOIDA - 201301 (UP)
T: 91 120 42 40 300 F: 91 120 42 46 788
mail@archohm.com www.archohm.com

PHE Consultants:
WAC Engineers INDIA PVT. LTD.
MEP Consultants & Project Managers
B-74,Sector-6,Noida,UP-201301
Ph.: 0120-4566931,
E-mail:wac@waceng.com

Drawn By	PK
Checked By	SHAD
Design By	SHAD

Sheet Title:
PLUMBING DRAINAGE SYSTEM
TRIBAL HERITAGE CENTER
ACCOMMODATION BLOCK

Date:	Scale:	Project No:-
29-08-2024	1:200	A-232409

Drawing No.: A-232409-B2-PL-01-01 | A1 | R0