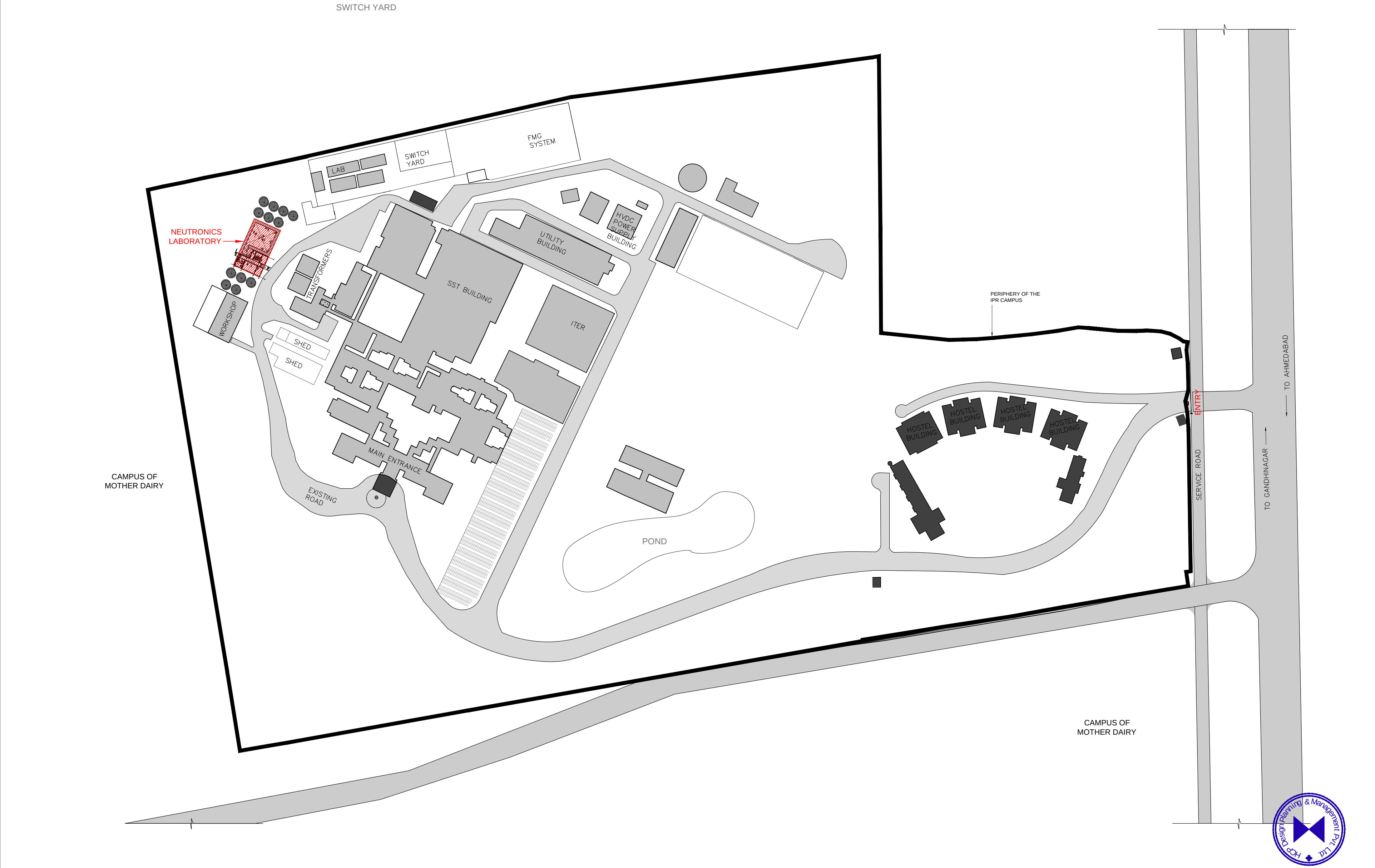




FOR TENDER

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All dimensions are to be read and not measured. All dimensions are in mm. Refer detail drawings wherever relevant.
The ±00 level is the finished level of the adjoining pavement & plinth protection (of the adjoining shed building & admin building)

REVISIONS		
Ref.	Date	Description

INSTITUTE OF PLASMA RESEARCH

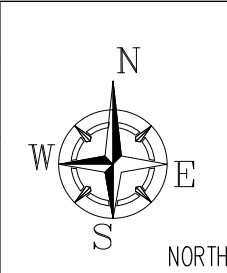
PROJECT NO: 14007

NEUTRONICS LAB

AT GANDHINAGAR

SITE PLAN – BUILDING FOOTPRINTS SCALE 1:1500

DRG. NO.: IPRNL_GA_SITE DATE: 05/03/15



STATUS: I

I = INFORMATION, T = TENDER
E = EXECUTION, R = RECORDS

DRAWN BY: MAYUKH

PROJECT ARCHITECT.: MAYUKH

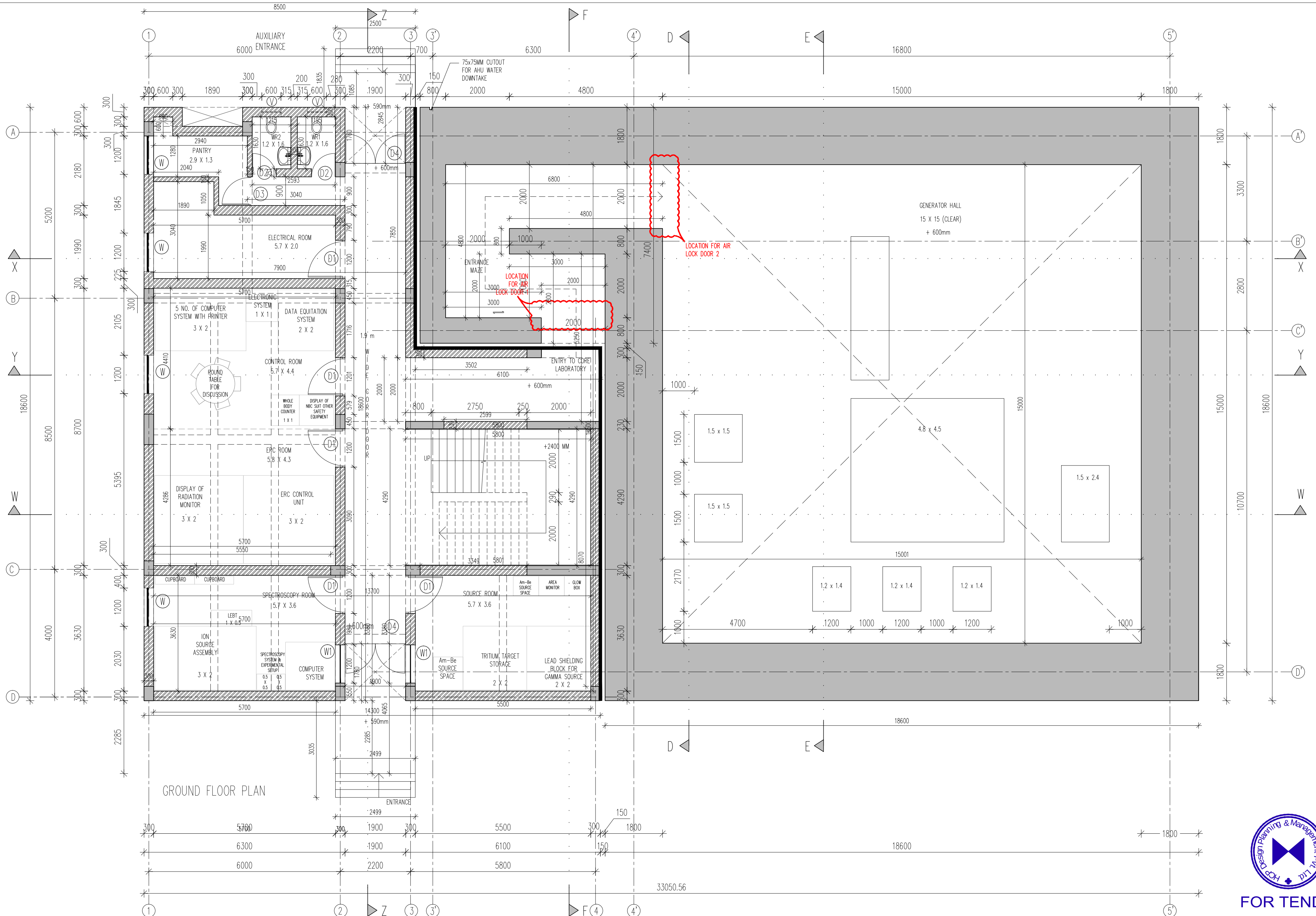
HCP DESIGN PLANNING AND MANAGEMENT PRIVATE LIMITED

"Paritosh", Usmanpura, Ahmedabad-380 013, Gujarat, INDIA

(079) 27550875. Fax: (079)27552924 hcpahd@hcp.co.in

PROJECT MANAGER: MEHUL S.

MENTOR: KUNAL



FOR TENDER

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The ± 00 level is the finished level of the adjoining pavement & plinth protection (of the adjoining shed building & admin building)

LEGEND
AAC BLOCK
MASONARY

REVISIONS		
Ref.	Date	Description

INSTITUTE OF PLASMA RESEARCH
NEUTRONICS LAB
AT GANDHINAGAR

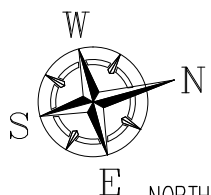
GROUND FLOOR PLAN

DRG. NO.: IPRNL_GA_GF

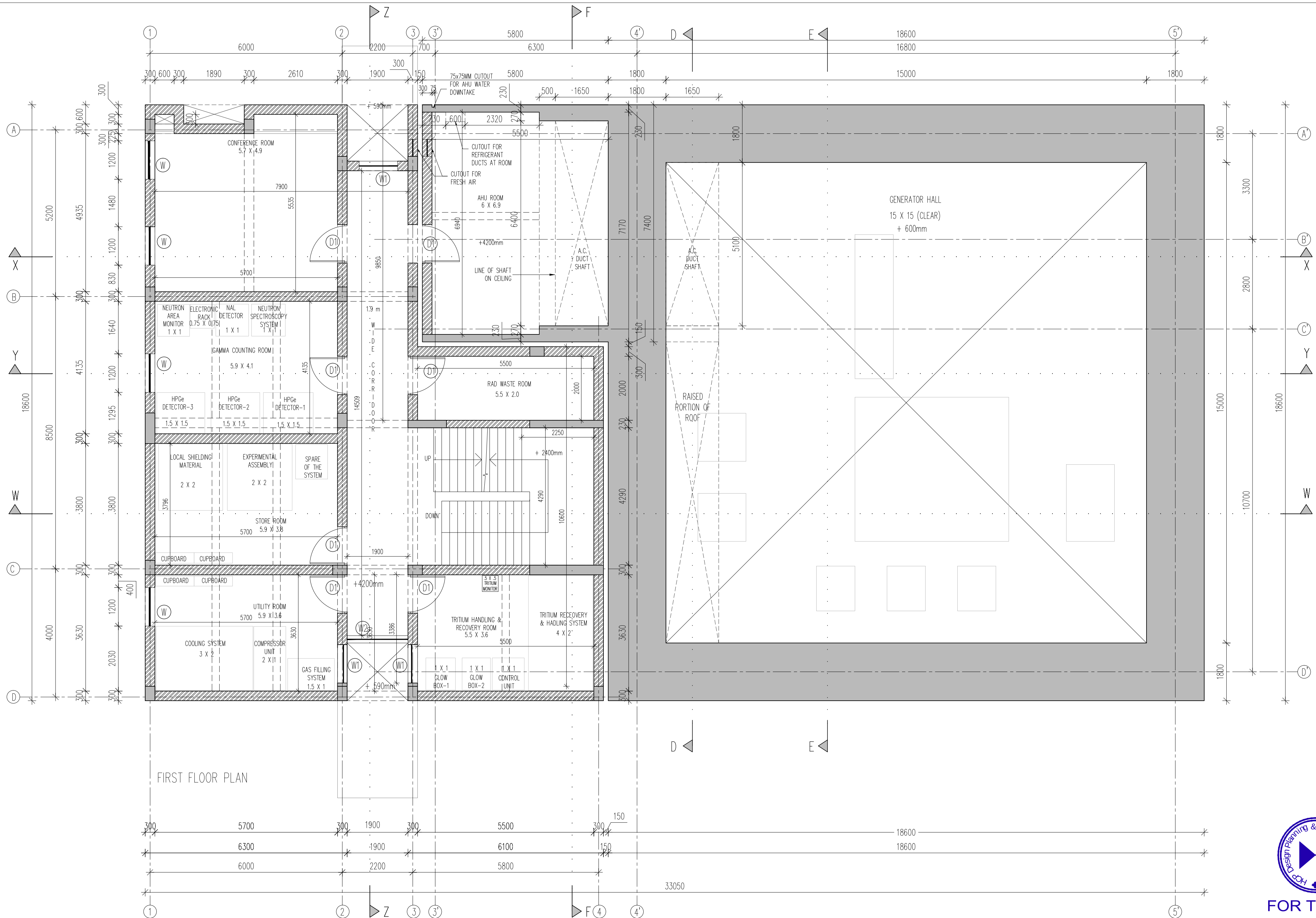
SCALE 1:75

DATE: 11/05/15

PROJECT NO: 14007



STATUS: I		I = INFORMATION, T = TENDER E = EXECUTION, R = RECORDS
DRAWN BY: MAYUKH	PROJECT MANAGER: MEHUL S.	
PROJECT ARCHITECT: MAYUKH	MENTOR: KUNAL	
HCP DESIGN PLANNING AND MANAGEMENT PRIVATE LIMITED 'Paritosh',Usmanpura,Ahmedabad-380 013, Gujarat, INDIA (079) 27550875. Fax:(079)27552924 hcpahd@hcp.co.in		



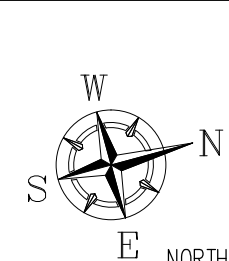
FIRST FLOOR PLAN

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The ±00 level is the finished level of the adjoining pavement & plinth protection (of the adjoining shed building & admin building)

LEGEND
AAC BLOCK
MASONARY

REVISIONS		
Ref.	Date	Description

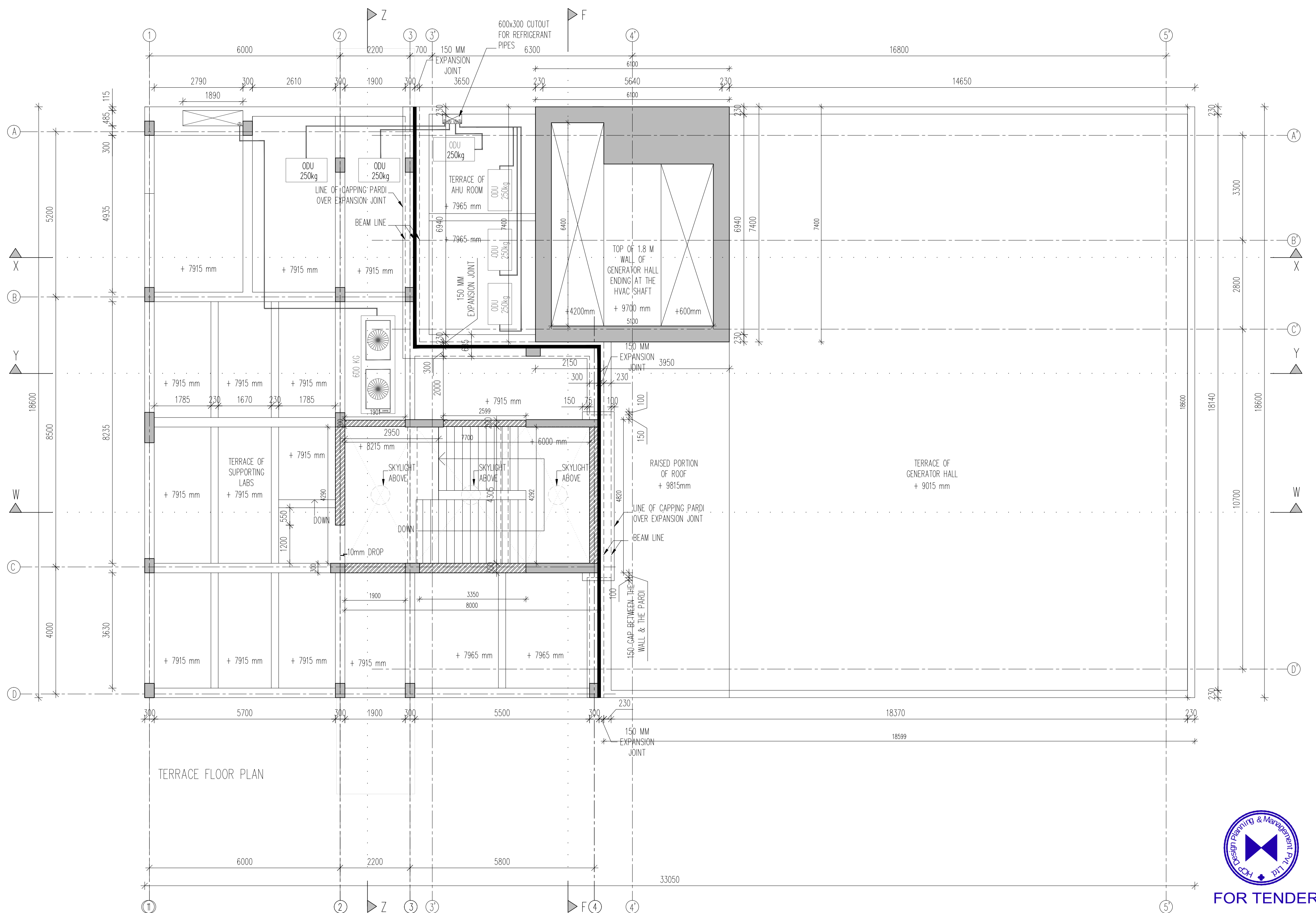
INSTITUTE OF PLASMA RESEARCH		PROJECT NO: 14007
NEUTRONICS LAB		
AT GANDHINAGAR		
FIRST FLOOR PLAN		SCALE 1:75
DRG. NO.: IPRNL_GA_FF		DATE: 28/04/15



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DRAWN BY: MAYUKH		PROJECT MANAGER: MEHUL S.
PROJECT ARCHITECT.: MAYUKH		MENTOR: KUNAL
HCP DESIGN PLANNING AND MANAGEMENT PRIVATE LIMITED "Paritosh", Usmanpura, Ahmedabad-380 013, Gujarat, INDIA (079) 27550875. Fax: (079) 27552924 hcpahd@hcp.co.in		



FOR TENDER

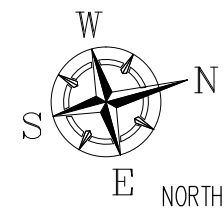


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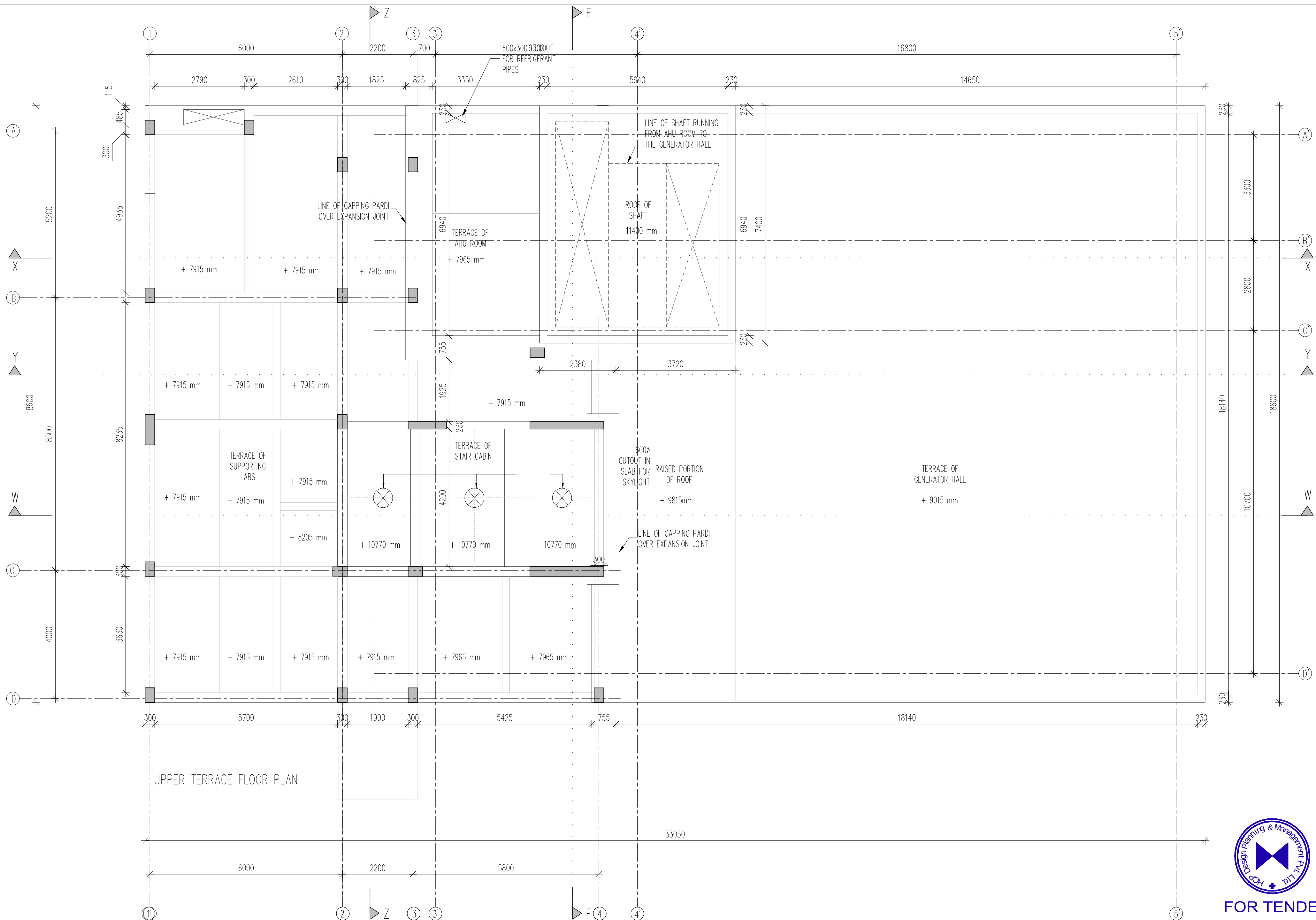
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The ±00 level is the finished level of the adjoining pavement & plinth protection (of the adjoining shed building & admin building)

REVISIONS		
Ref.	Date	Description

INSTITUTE OF PLASMA RESEARCH NEUTRONICS LAB AT GANDHINAGAR		PROJECT NO: 14007
TERRACE FLOOR PLAN		SCALE 1:75
DRG. NO.: IPRNL_GA_LO TER		DATE: 28/04/15



STATUS: I	I = INFORMATION, T = TENDER E = EXECUTION, R = RECORDS
DRAWN BY: MAYUKH	PROJECT MANAGER: MEHUL S.
PROJECT ARCHITECT.: MAYUKH	MENTOR: KUNAL
HCP DESIGN PLANNING AND MANAGEMENT PRIVATE LIMITED "Paritosh",Usmanpura,Ahmedabad-380 013, Gujarat, INDIA (079) 27550875. Fax: (079) 27552924 hcpahd@hcp.co.in	

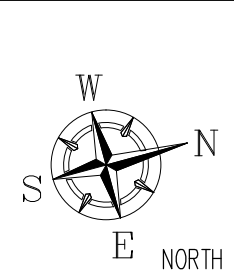


FOR TENDER

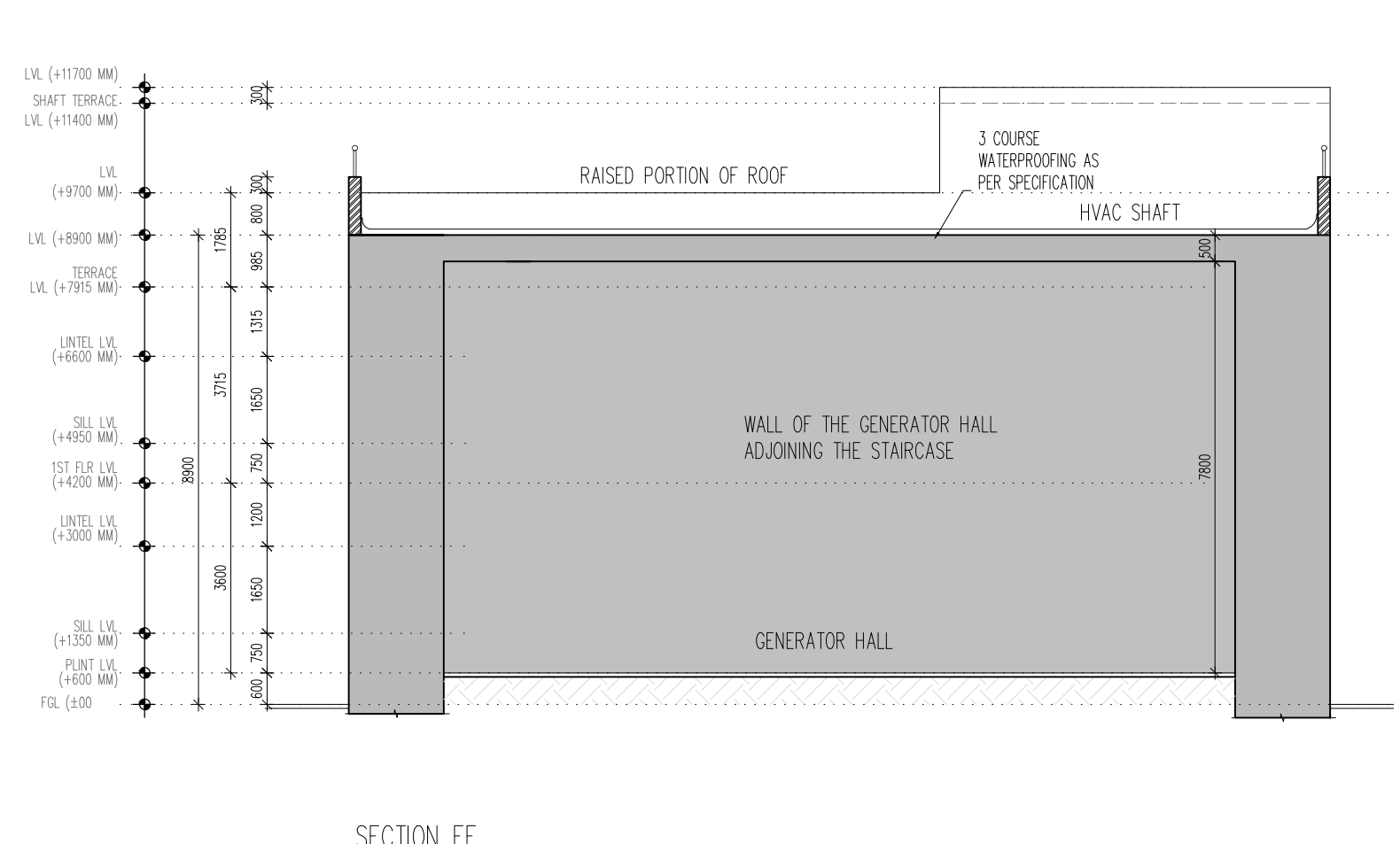
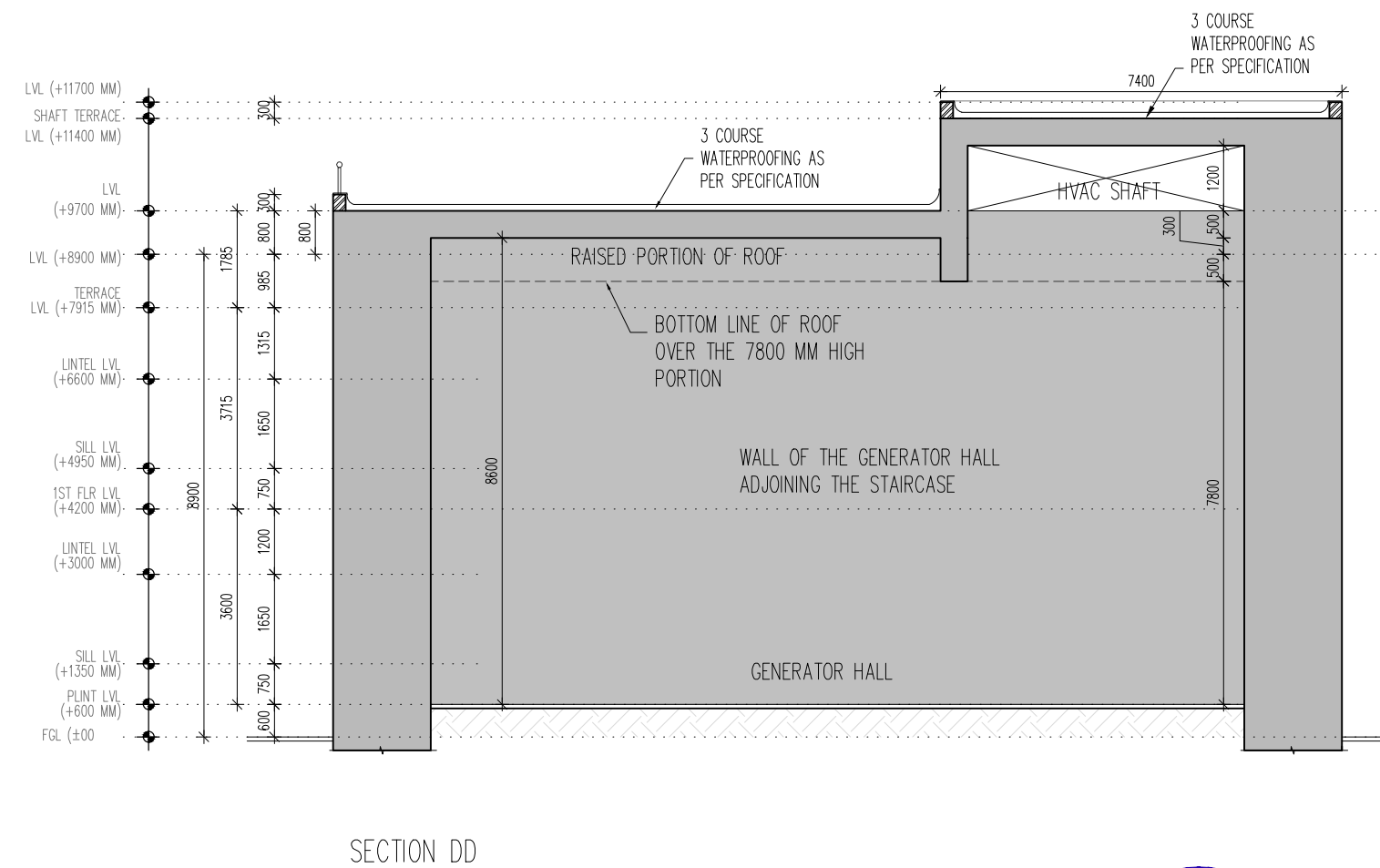
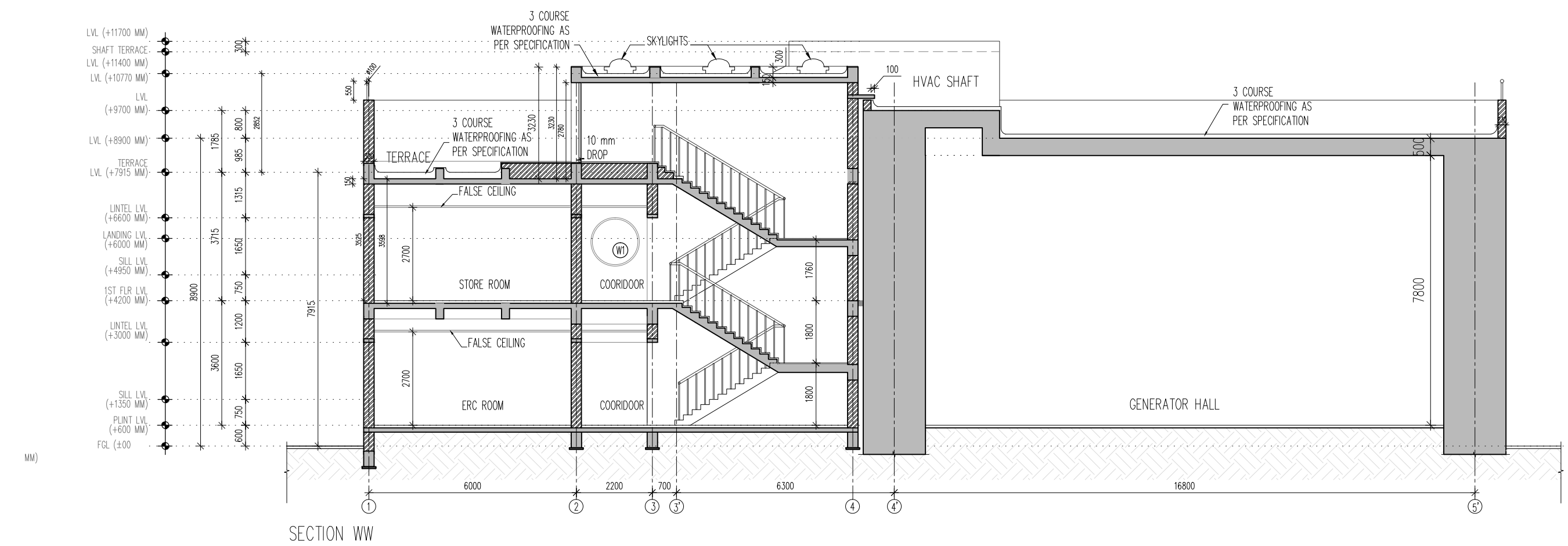
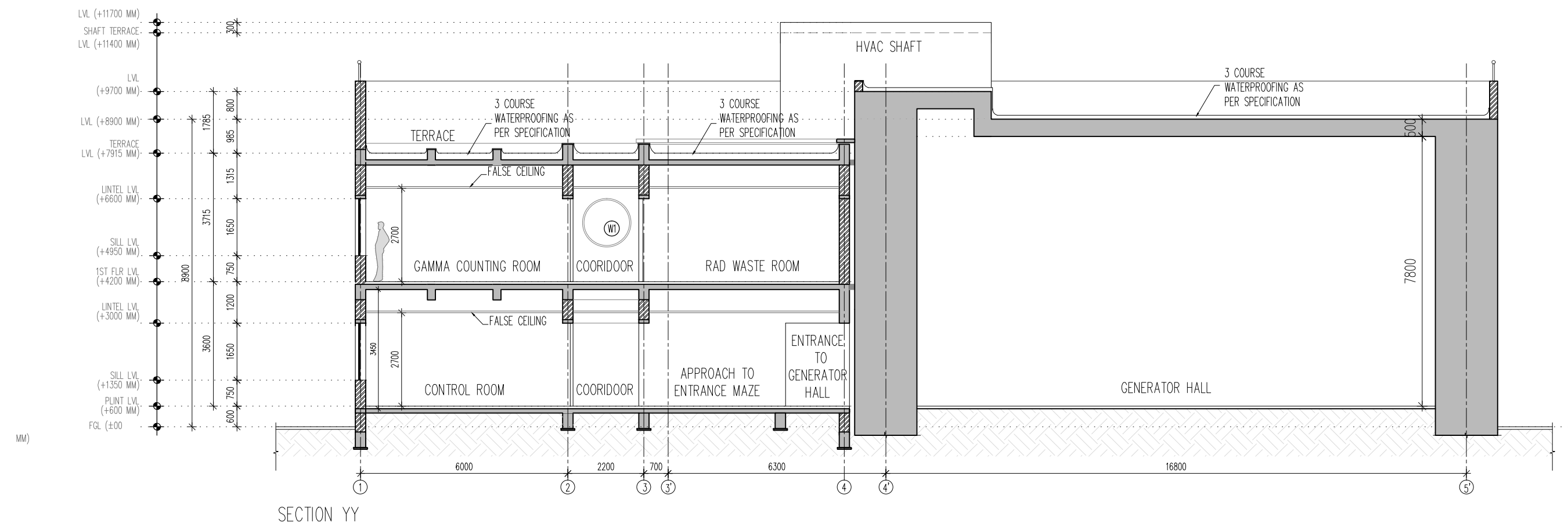
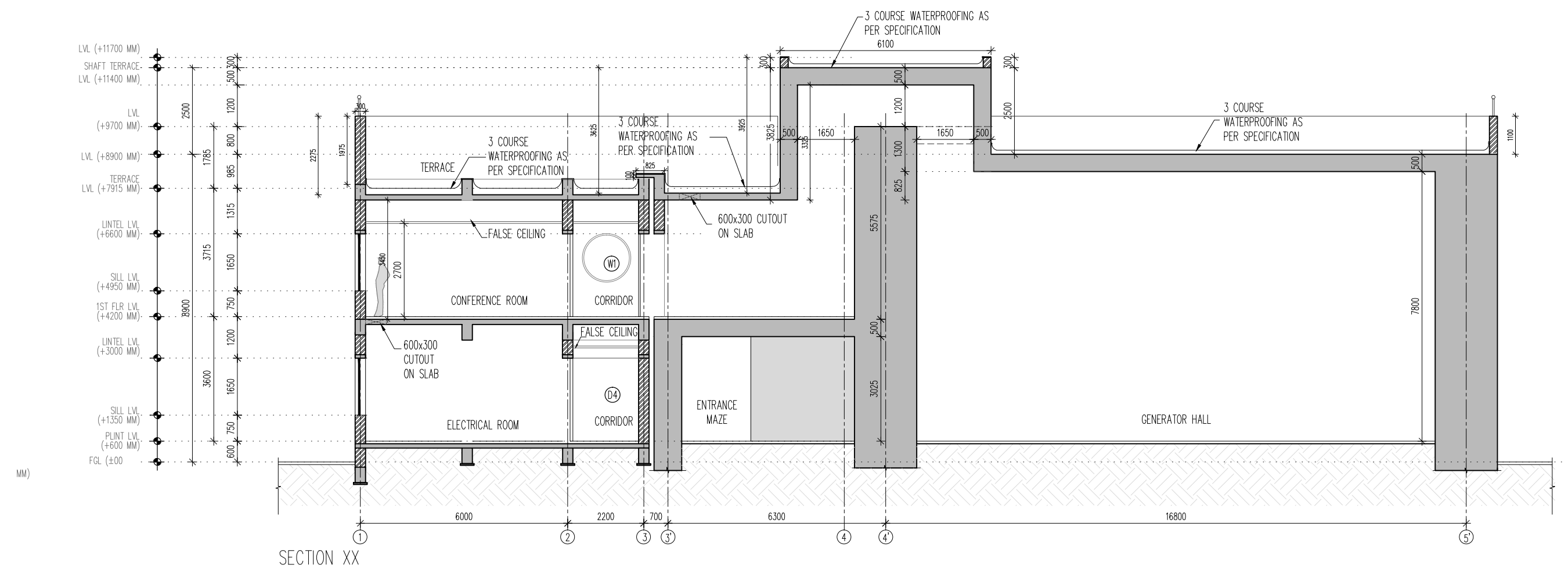
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REVISIONS		
Ref.	Date	Description

INSTITUTE OF PLASMA RESEARCH		PROJECT NO: 14007
NEUTRONICS LAB		
AT GANDHINAGAR		
UPPER TERRACE FLOOR PLAN		SCALE 1:75
DRG. NO.: IPRNL_GA_UPP TER		DATE: 28/04/15



STATUS: I		I = INFORMATION, T = TENDER E = EXECUTION, R = RECORDS
DRAWN BY: MAYUKH	PROJECT MANAGER: MEHUL S.	
PROJECT ARCHITECT: MAYUKH	MENTOR: KUNAL	
HCP DESIGN PLANNING AND MANAGEMENT PRIVATE LIMITED "Paritosh", Usmanpura, Ahmedabad-380 013, Gujarat, INDIA (079) 27550875. Fax: (079) 27552924 hcpahd@hcp.co.in		



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All dimensions are to be read and not measured. All dimensions are in mm. Refer detail drawings wherever relevant.

REVISIONS		
Ref.	Date	Description

IPR	PROJECT NO: 14007
NEUTRONICS LAB	
AT GANDHINAGAR	
SECTIONS	SCALE 1: 125
DRG. NO.: IPRNL_GA_SEC	DATE: 15/04/15

STATUS: I		I = INFORMATION, T = TENDER E = EXECUTION, R = RECORDS
DRAWN BY: MAYUKH	PROJECT MANAGER: MEHUL S.	
PROJECT ARCHITECT: MAYUKH	MENTOR.: KUNAL PATEL	
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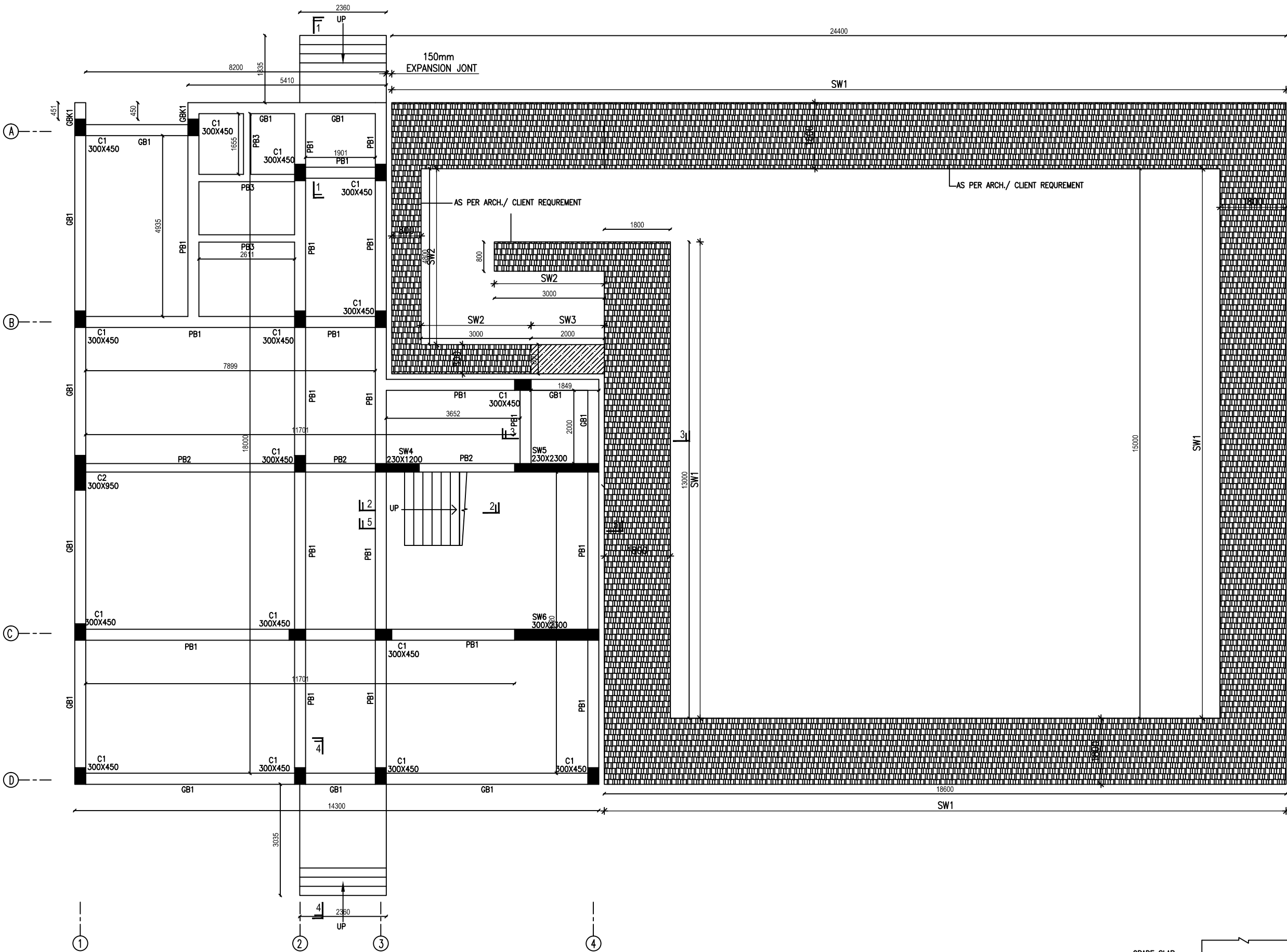
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IPR	PROJECT NO: 14007
NEUTRONICS LAB	
AT GANDHINAGAR	
ELEVATIONS & SECTIONS	SCALE 1: 125
DRG. NO.: IPRNL_GA_ELE	DATE: 15/04/15

STATUS: I	I = INFORMATION, T = TENDER E = EXECUTION, R = RECORDS
DRAWN BY: MAYUKH	PROJECT MANAGER: MEHUL S.
PROJECT ARCHITECT: MAYUKH	MENTOR: KUNAL PATEL
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STRUCTURAL LAYOUT AT GROUND BEAM / PLINTH BEAM LVL (SCALE-1:100)

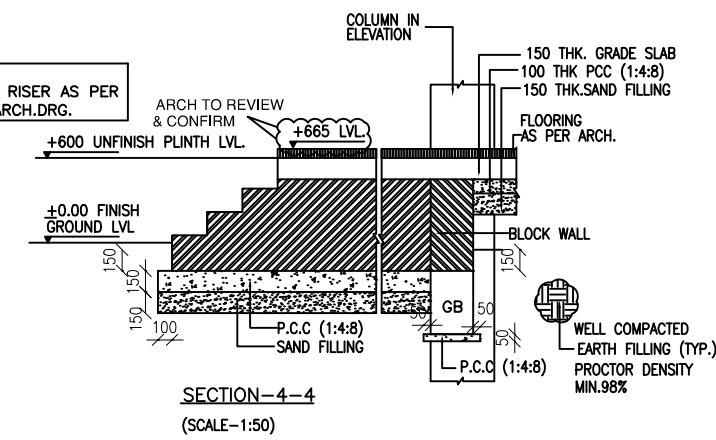
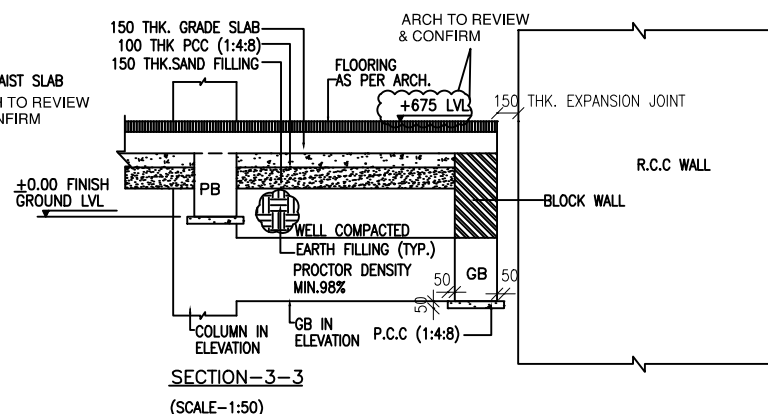
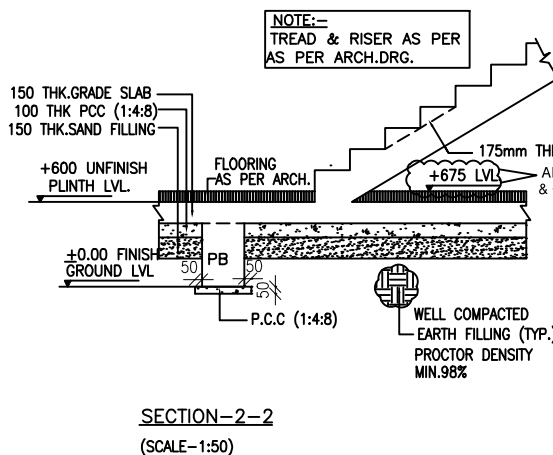
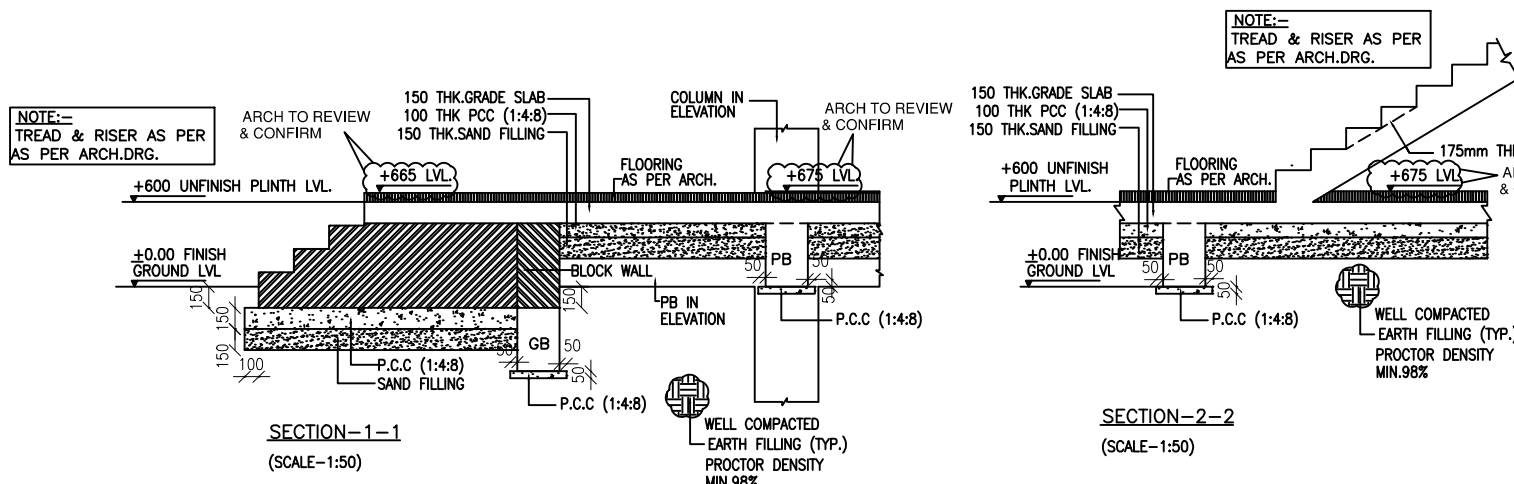
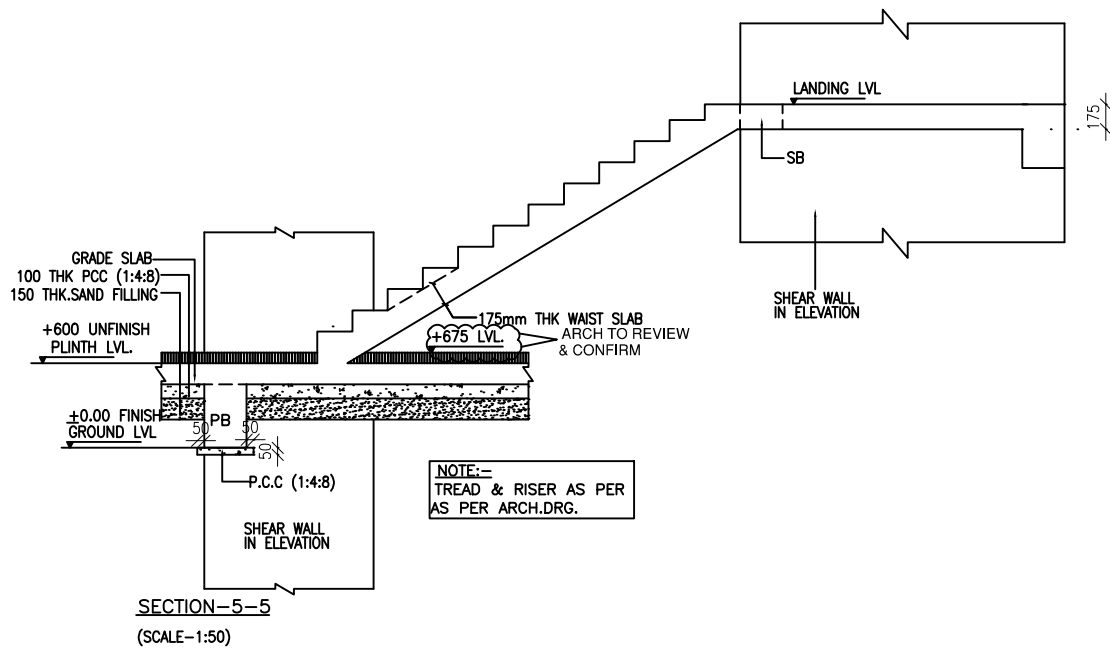
FOR ALL CENTRE LINE DIMENSIONS & LOCATION REFER ARCH. DRG.

*ALL SLABS ARE 150 THK. UNLESS OTHERWISE SPECIFIED.

THIS MARKED IS CUT OUT

THIS MARKED IS R.C.C. WALL CONTINUOUS

THIS MARKED IS R.C.C. WALL END AT PLINTH LVL



GENERAL NOTES :-

1. ALL DIMENSIONS ARE IN MM
2. FOR ALL NOTES, REFER OUR DRG NO. STD.01
3. CEMENT SHALL BE OPC 43 OR HIGHER AS PER TENDER SPECIFICATION
4. SUPERVISION SHALL NOT BE OUR RESPONSIBILITY.
5. TO TAKE OUT THE CUBE AND MATERIAL TESTING SHALL BE CONTRACTOR/ BUILDER/CLIENTS RESPONSIBILITY.
6. LOAD TESTING OF STRUCTURE SHALL NOT BE OUR RESPONSIBILITY.
7. ALL DIMENSIONS ARE TO BE READ AND NOT TO BE MEASURED
8. REINFORCEMENT SHALL BE 500 GRADE TMT BARS.
9. ALL CONCRETE SHALL BE 150 THK. UNLESS OTHERWISE SPECIFIED.
10. LD = DEVELOPMENT LENGTH = 50 X WHERE = DIA. OF BAR.
11. ALL BRICK WORK SHALL BE IN C.M. (1:6)
12. STRUCTURAL LAY OUT SHOULD BE REFER ONLY FOR STRUCTURAL DETAILING.
13. PLEASE REFER ARCHITECTURAL DWG FOR LVL. & SETTINGS OUT CENTERLINE DIMENSIONS. THE CENTERLINE PUT IN THIS STRUCTURAL FOUNDATION LAYOUT IS SIMPLY INDICATIVE OF LOCATION AND AS APPROVED BY ARCHITECT
14. PLEASE REFER ARCH. DWG FOR FINAL LAY OUT.
15. CONTRACTOR SHOULD INFORM ARCHITECT/STRUCTURAL CONSULTANT IN CASE OF ANY CHANGE IN EXISTING CONDITION FOUND, IMMEDIATELY
16. THIS DRG. SHOULD BE READ ALONG WITH ARCHITECTURAL DRGS AND ANY CHANGES/DEVIATION FOUND SHOULD BE IMMEDIATELY BROUGHT TO NOTICE OF ARCHITECT.
17. THIS DRG. SHOULD BE READ ALONG WITH RELEVANT DETAILS
18. MIX DESIGN SHOULD BE GOT APPROVED PRIOR TO EXECUTION OF WORK
19. ALL STEEL (TOP/BOTTOM) OF DIFFERENT ZONE SHALL BE LAPPED IN ADDITION WHERE THE ZONE TERMINATES. BY LENGTH EQUAL TO THE DEVELOPMENT LENGTH OF HIGHER DIA BAR.

SCHEDULE OF BEAM SIZE

ALL BEAM SIZE ARE INCLUDING SLAB THICKNESS

SIZE	BEAM NO.
300X450	GB1,GBK1
300X450	PB1
230X450	PB2
200X450	PB3

SCHEDULE OF COLUMN SIZE

SIZE	COL. NO.
300X450	C1
300X950	C2

SCHEDULE SHEAR WALLTYPE

SIZE	NAME
1800THK X AS PER LAYOUT	SW1
800THK X AS PER LAYOUT	SW2
800THK X AS PER LAYOUT	SW3
230 X 1200	SW4
230 X 2300	SW5
300 X 2300	SW6

FOR TENDER

ISSUE ON : 17-04-15

Date	Rev.	Arch	Client	Site	Consl.	Contr.	Office	Total	REMARK
17-4-15	-	MAIL	-	-	-	-	-	-	FOR APP.

NO.	DATE	REVISION	BY	DR	CH

ARCHITECTS

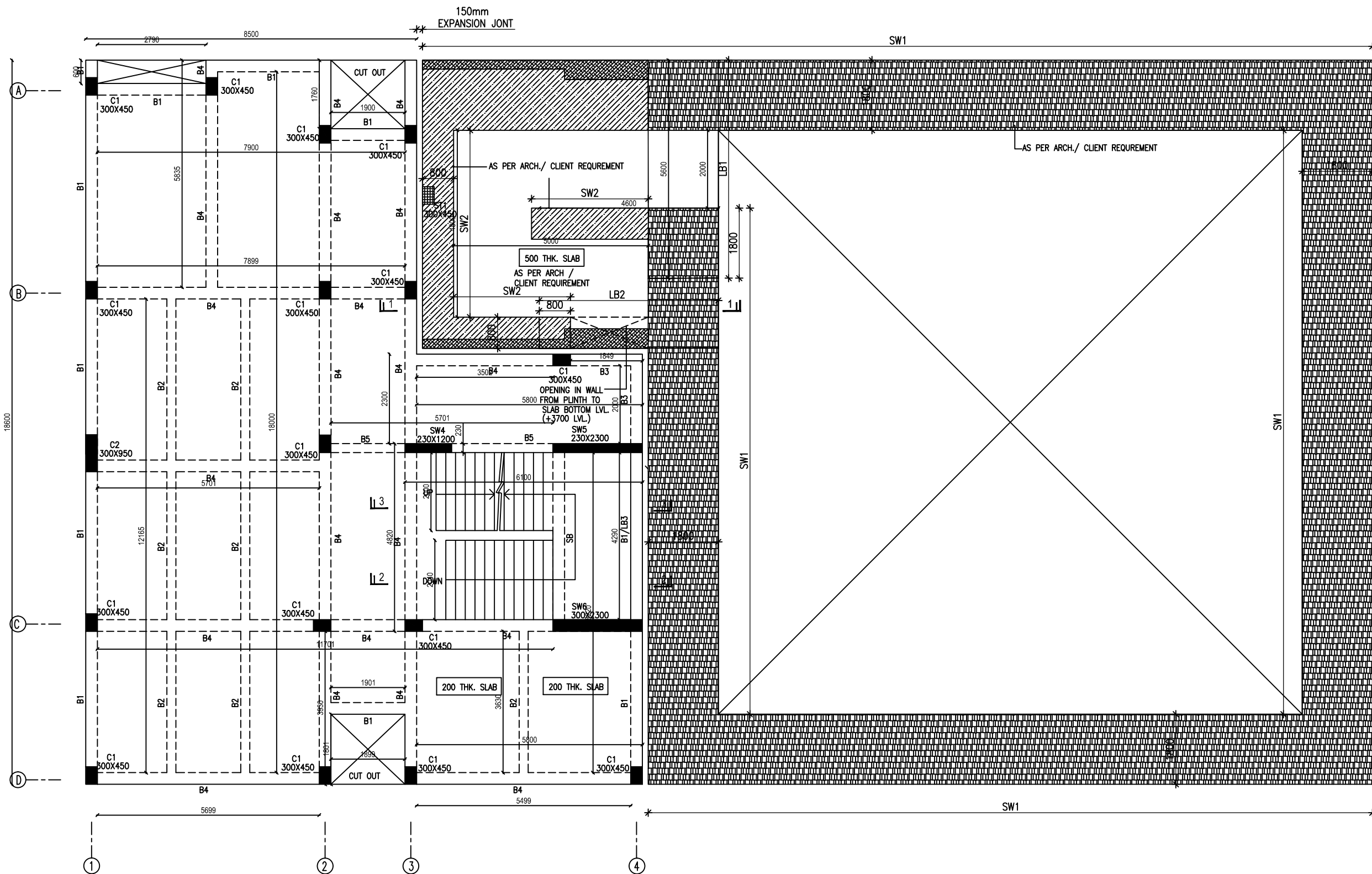


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'Paritosh', Usmanpura, Ahmedabad-380 013, Gujarat, INDIA
(079) 27550875. Fax: (079) 27552924 hcpahd@hcp.co.in

JOB TITLE	FCIPT-NUTRONICS LAB AT: GANDHINAGAR GIDC		
DRAWING TITLE	STRUCTURAL LAY-OUT AT GROUND BEAM/ PLINTH BEAM LVL		
JOB NO	DATE	DRG. NO.	REVISION
5314	21-02-15	GB-S-101	R0
SCALE	SHEET SIZE	DESIGN	CHECKED
AS SHOW	A2	CHIRAG.M	AAKASH
		HARDIK	

STRUCTURAL CONSULTANT

DUCON
CONSULTANTS PRIVATE LIMITED
A3-M, 3rd FLOOR, Sahaj yashika, Corporate road,
Nr. prashadnagar Garden, S.G. ROAD, Ahmed-491.
E-mail: contact@duconconsultants.in
PH: 40073196, 65410630, 65410631



STRUCTURAL LAYOUT AT GROUND FLOOR SLAB LVL (SCALE:-1:100)

FOR ALL CENTRE LINE DIMENSIONS & LOCATION REFER ARCH. DRG.

*ALL SLABS ARE 150 THK. UNLESS OTHERWISE SPECIFIED.

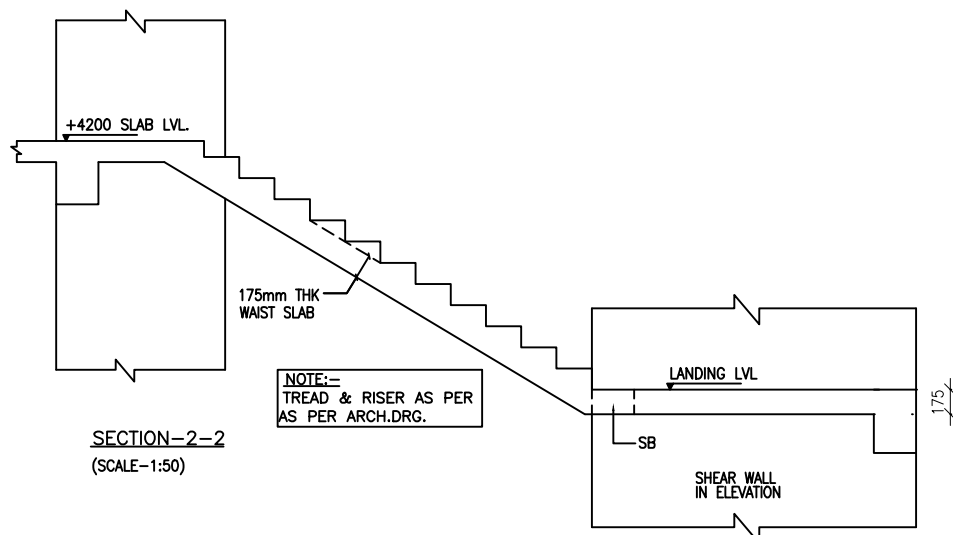
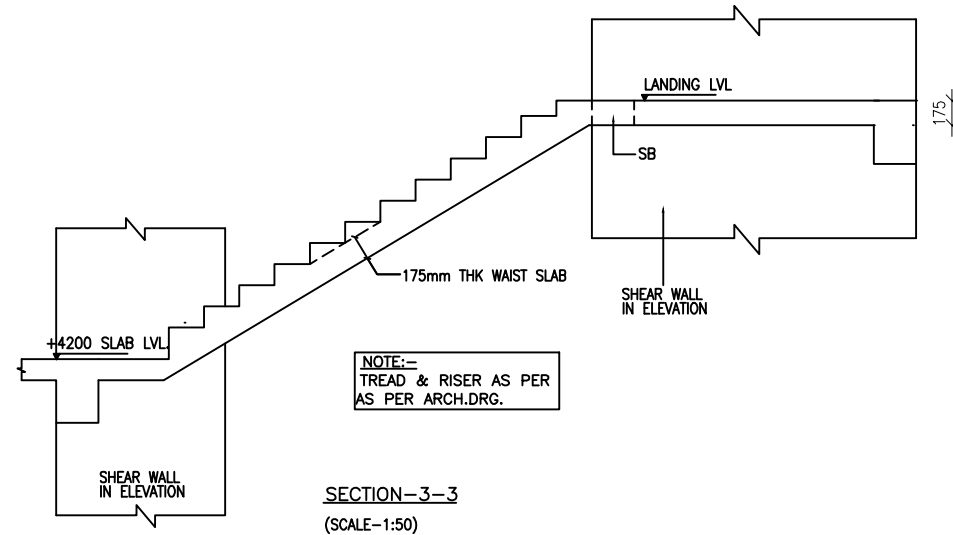
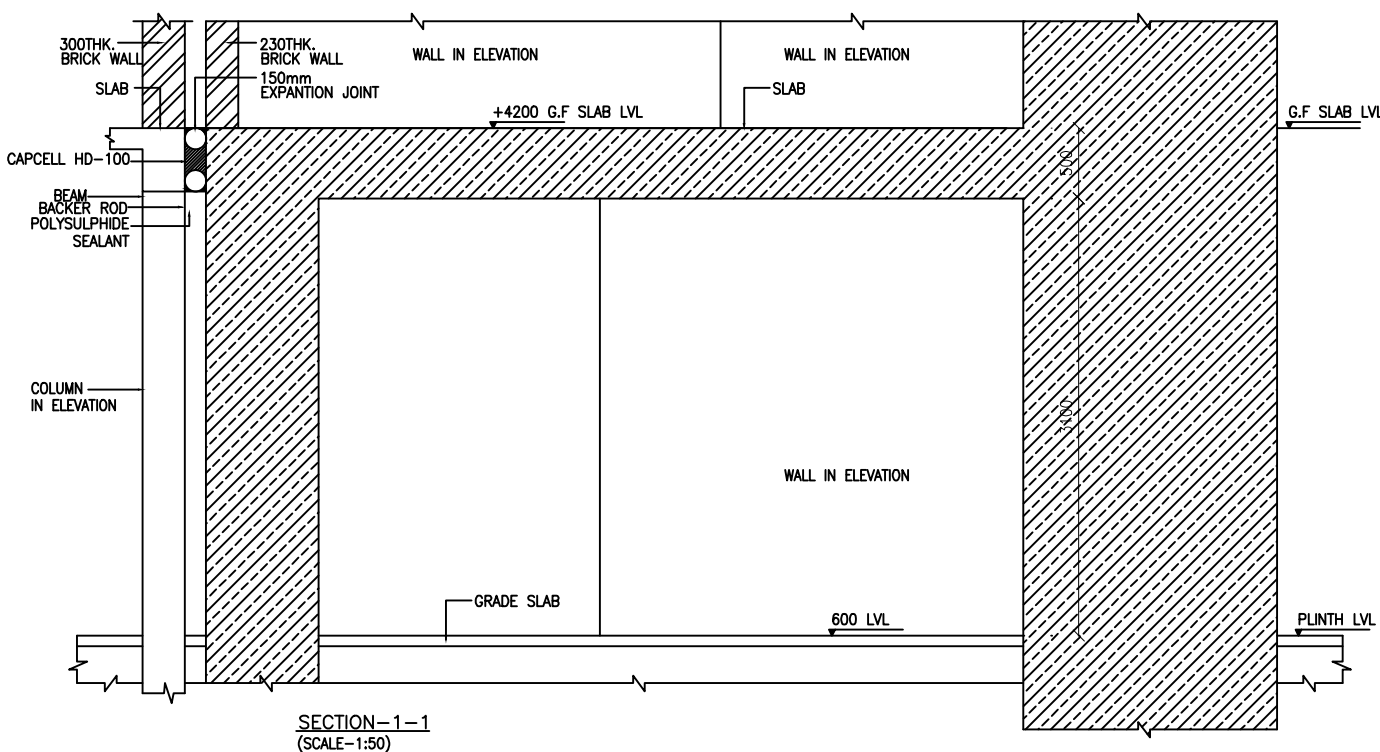
[Hatching pattern] *THUS MARKED IS STUB R.C.C WALL STARTED

[Hatching pattern] *THUS MARKED IS CUT OUT

[Hatching pattern] *THUS MARKED IS R.C.C WALL END AT +4200 LVL.

[Hatching pattern] *THUS MARKED IS R.C.C WALL CONTINUOUS

[Hatching pattern] *THUS MARKED IS STUB COLUMN START.



- GENERAL NOTES :-**
1. ALL DIMENSIONS ARE IN MM
 2. FOR ALL NOTES, REFER OUR DRG NO: STD.01.
 3. CEMENT SHALL BE OPC 43 OR HIGHER AS PER TENDER SPECIFICATION.
 4. SUPERVISION SHALL NOT BE OUR RESPONSIBILITY.
 5. TO TAKE OUT THE CURE AND MATERIAL TESTING SHALL BE CONTRACTOR/ BUILDER/CLIENTS RESPONSIBILITY.
 6. LOAD TESTING OF STRUCTURE SHALL NOT BE OUR RESPONSIBILITY.
 7. ALL DIMENSIONS ARE TO BE READ AND NOT TO BE MEASURED
 8. INDICATE STEEL FE 500 GRADE TMT BARS.
 9. ALL CONC.MIX. BEZEL UNLESS OTHERWISE SPECIFIED.
 10. LD = DEVELOPMENT LENGTH : 50 x ϕ ; WHERE ϕ = DIA. OF BAR.
 11. ALL BRICK WORK SHALL BE IN C.M. (1:6)
 12. STRUCTURAL LAY OUT SHOULD BE REFER ONLY FOR STRUCTURAL DETAILING.
 13. PLEASE REFER ARCHITECTURAL DWG FOR LVS. & SETTINGS OUT CENTERLINE DIMENSIONS. THE CENTRELIN PUT IN THIS STRUCTURAL FOUNDATION LAYOUT IS SIMPLY INDICATIVE OF LOCATION AND AS APPROVED BY ARCHITECT.
 14. PLEASE REFER ARCH. DWG. FOR FINAL LAY OUT.
 15. CONTRACTOR SHOULD INFORM ARCHITECT/STRUCTURAL CONSULTANT IN CASE OF ANY CHANGE IN EXISTING CONDITION FOUND, IMMEDIATELY
 16. THIS DRG. SHOULD BE READ ALONG WITH ARCHITECTURAL DRGS.AND ANY CHANGES/DEVIATION FOUND SHOULD BE IMMEDIATELY BROUGHT TO NOTICE OF ARCHITECT.
 17. THIS DWG.SHOULD BE READ ALONG WITH RELEVANT DETAILS
 18. MIX DESIGN SHOULD BE GOT APPROVED PRIOR TO EXECUTION OF WORK
 19. ALL STEEL (TOP/BOTTOM) OF DIFFERENT ZONE SHALL BE LAPPED IN ADDITION WHERE THE ZONE TERMINATES; BY LENGHT EQUAL TO THE DEVELOPMENT LENGHT OF HIGHER DIA BAR.

SCHEDULE OF BEAM SIZE

ALL BEAM SIZE ARE INCLUDING SLAB THICKNESS

SIZE	BEAM NO.
300x450	B1
230x450	B2
300x1200	B3
300x600	B4
230x600	B5
1800x1800	LB1
800x800	LB2
230x450	LB3
300x175	SB

SCHEDULE OF COLUMN SIZE

SIZE	COL. NO.
300x450	C1
300x950	C2
300x450	ST1

SCHEDULE SHEAR WALLTYPE

SIZE	NAME
1800THK X AS PER LAYOUT	SW1
800THK X AS PER LAYOUT	SW2
800THK X AS PER LAYOUT	SW3
230 X 1200	SW4
230 X 2300	SW5
300 X 2300	SW6

FOR TENDER

ISSUE ON : 17-04-15

Date	Rev.	Arch	Client	Site	Consl.	Contr.	Office	Total	REMARK
17-4-15	-	MAIL	-	-	-	-	-	-	FOR APP.

NO. DATE REVISION BY DR CH

ARCHITECTS



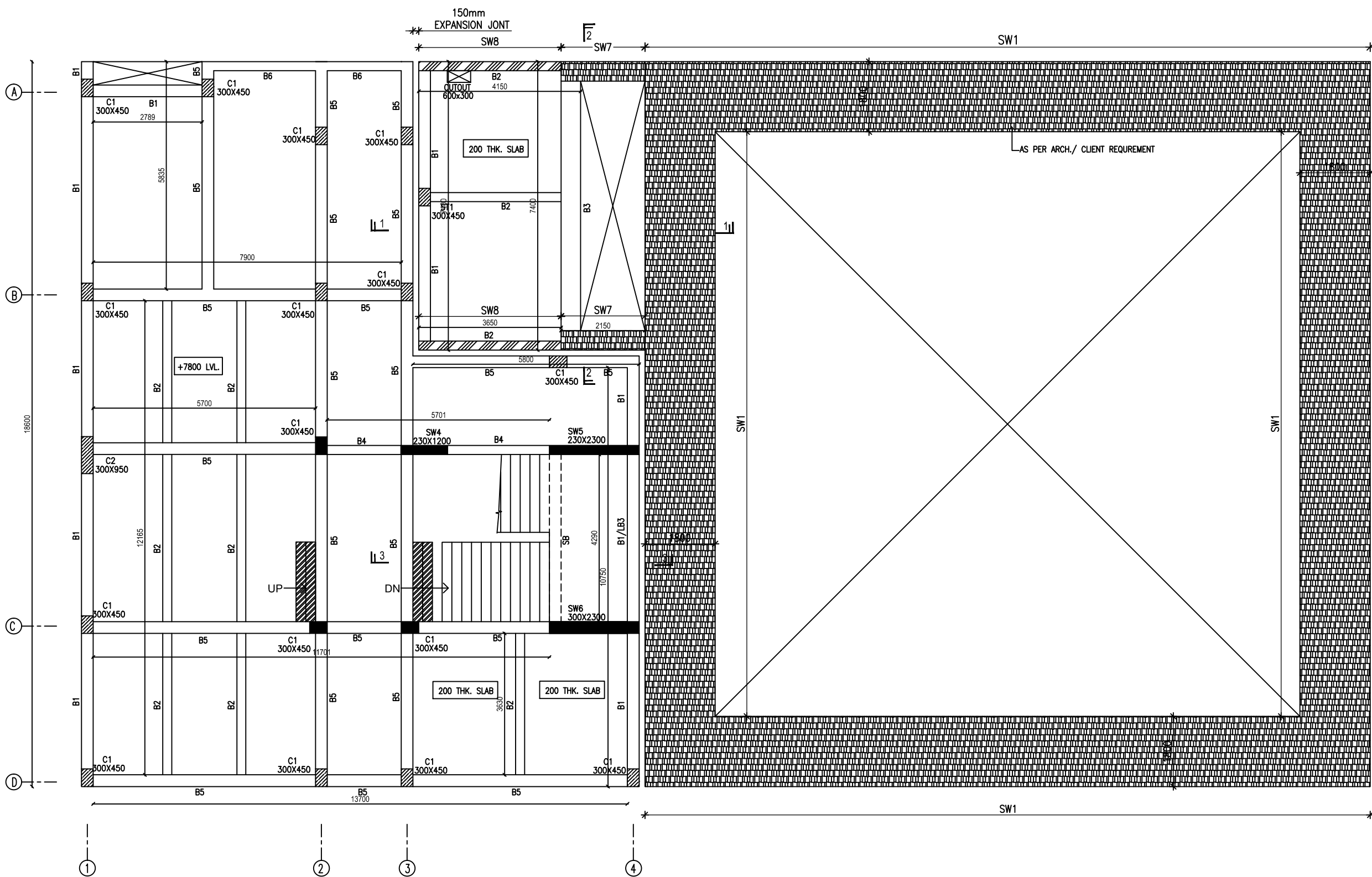
HCP DESIGN PLANNING AND MANAGEMENT PRIVATE LIMITED
"Paritosh",Usmanpura,Ahmedabad-380 013, Gujarat, INDIA
(079) 27550875. Fax:(079)27552924 hcpahd@hcp.co.in

JOB TITLE	FCIPT-NUTRONICS LAB AT- GANDHINAGAR GIDC		
DRAWING TITLE	STRUCTURAL LAY-OUT AT GROUND FLOOR SLAB LVL.		
JOB NO	DATE	DRG. NO.	REVISION
5314	21-02-15	GR-S-101	R0
SCALE	SHEET SIZE	DRAWN	DESIGN
AS SHOW	A2	CHIRAG.M	AAKASH
			CHECKED
			HARDIK

STRUCTURAL CONSULTANT

DUCON
CONSULTANTS PRIVATE LIMITED

AS-4M, 3rd FLOOR, Sankalpti, Corporate road,
Nr. prashadnagar Garden, S.G.Road, Ahmed-51.
E-mail: contact@duconconsultants.in
PH:40073196,65410630,65410631



STRUCTURAL LAYOUT AT TERRACE SLAB LVL (FOR SUPPORTING LAB) (SCALE-1:100)

FOR ALL CENTRE LINE DIMENSIONS & LOCATION REFER ARCH. DRG.

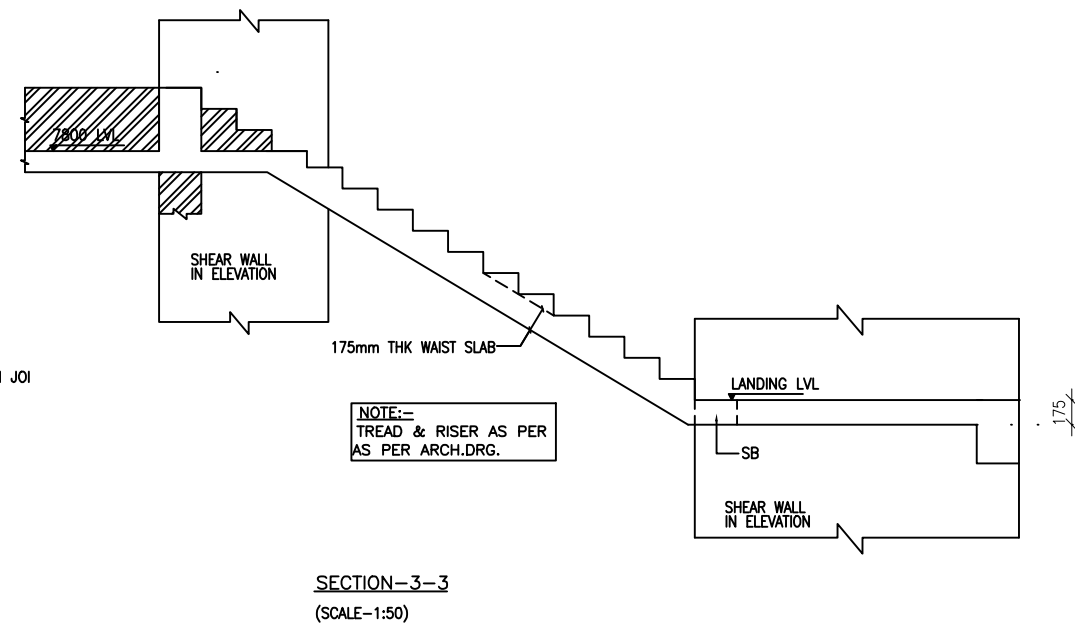
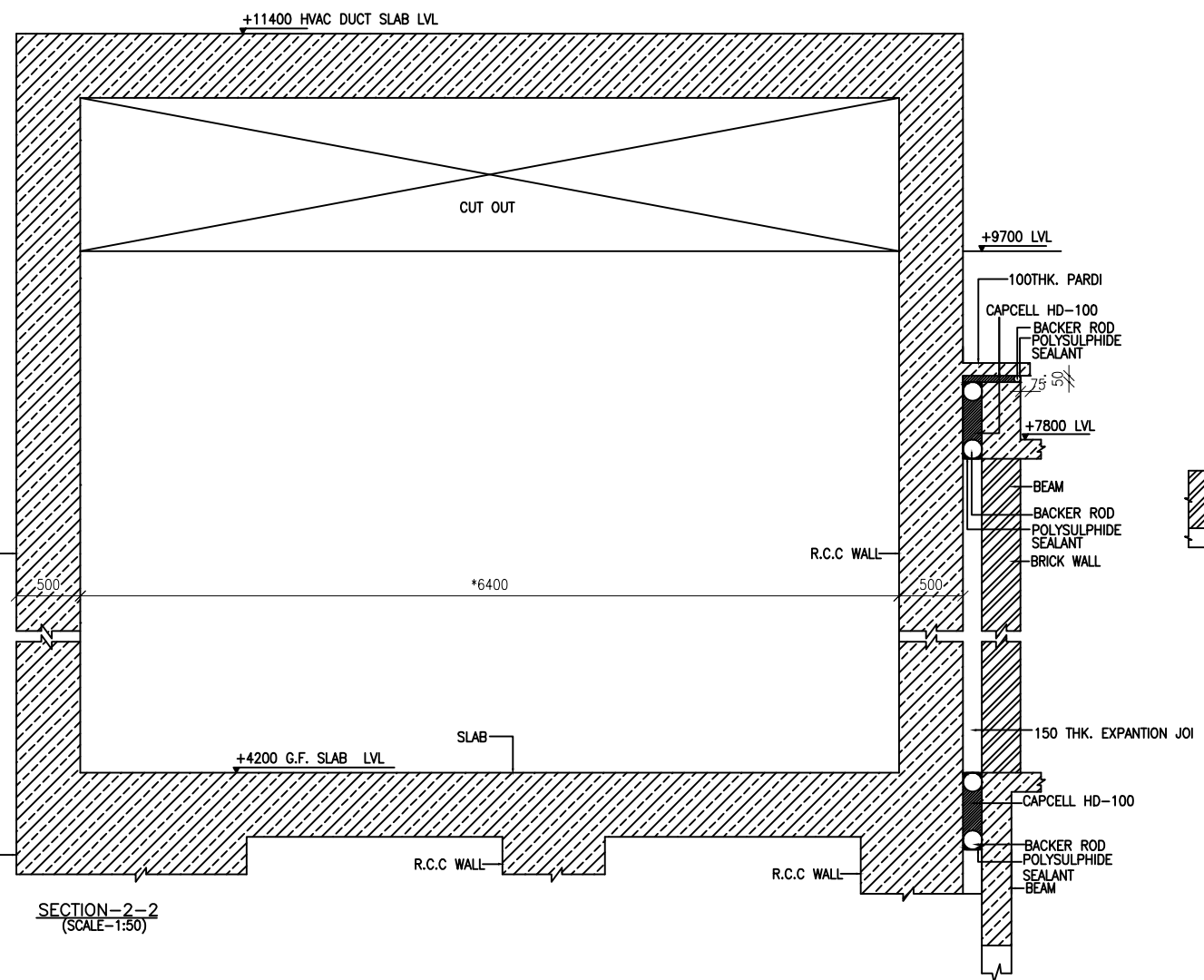
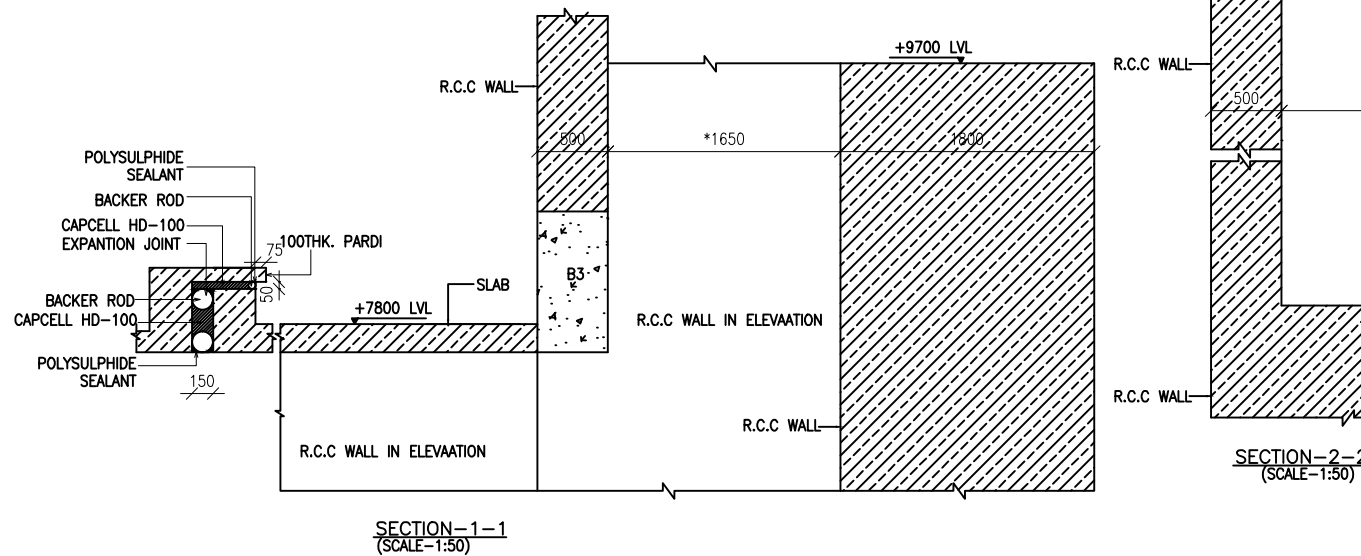
*ALL SLABS ARE 150 THK. UNLESS OTHERWISE SPECIFIED.

*THIS MARKED IS CUT OUT

*THIS MARKED IS COLUMN END

*THIS MARKED IS R.C.C WALL AT +7800 LVL END

*THIS MARKED IS R.C.C WALL CONTINUOUS



GENERAL NOTES :-

1. ALL DIMENSIONS ARE IN MM
2. FOR ALL NOTES, REFER OUR DRG NO: STD.01.
3. CEMENT SHALL BE OPC 43 OR HIGHER AS PER TENDER SPECIFICATION.
4. SUPERVISION SHALL NOT BE OUR RESPONSIBILITY.
5. TO TAKE OUT THE CURE AND MATERIAL TESTING SHALL BE CONTRACTOR/ BUILDER/CLIENTS RESPONSIBILITY.
6. LOAD TESTING OF STRUCTURE SHALL NOT BE OUR RESPONSIBILITY.
7. ALL DIMENSIONS ARE TO BE READ AND NOT TO BE MEASURED
8. INDICATE STEEL FE 500 GRADE TMT BARS.
9. ALL CONC.MIX 1:2:20 UNLESS OTHERWISE SPECIFIED.
10. LD = DEVELOPMENT LENGTH : $50 \times \phi$; WHERE ϕ = DIA. OF BAR.
11. ALL BRICK WORK SHALL BE IN C.M. (1:6)
12. STRUCTURAL LAY OUT SHOULD BE REFER ONLY FOR STRUCTURAL DETAILING.
13. PLEASE REFER ARCHITECTURAL DWG FOR L.V.S. & SETTINGS OUT CENTERLINE DIMENSIONS. THE CENTRELINE PUT IN THIS STRUCTURAL FOUNDATION LAYOUT IS SIMPLY INDICATIVE OF LOCATION AND AS APPROVED BY ARCHITECT.
14. PLEASE REFER ARCH. DWG. FOR FINAL LAY OUT.
15. CONTRACTOR SHOULD INFORM ARCHITECT/STRUCTURAL CONSULTANT IN CASE OF ANY CHANGE IN EXISTING CONDITION FOUND, IMMEDIATELY
16. THIS DRG. SHOULD BE READ ALONG WITH ARCHITECTURAL DRGS. AND ANY CHANGES/DEVIATION FOUND SHOULD BE IMMEDIATELY BROUGHT TO NOTICE OF ARCHITECT.
17. THIS DWG. SHOULD BE READ ALONG WITH RELEVANT DETAILS
18. MIX DESIGN SHOULD BE GOT APPROVED PRIOR TO EXECUTION OF WORK.
19. ALL STEEL (TOP/BOTTOM) OF DIFFERENT ZONE SHALL BE LAPPED IN ADDITION WHERE THE ZONE TERMINATES, BY LENGTH EQUAL TO THE DEVELOPMENT LENGTH OF HIGHER DIA. BAR.

SCHEDULE OF BEAM SIZE

ALL BEAM SIZE ARE INCLUDING SLAB THICKNESS

SIZE	BEAM NO.
300X450	B1
230X450	B2
800X1000	B3
230X600	B4
300X600	B5
300X450	LB1
300X175	SB

SCHEDULE OF COLUMN SIZE

SIZE	COL. NO.
300X450	C1
300X950	C2

SCHEDULE SHEAR WALLTYPE

SIZE	NAME
1800THK X AS PER LAYOUT	SW1
800THK X AS PER LAYOUT	SW2
800THK X AS PER LAYOUT	SW3
230 X 1200	SW4
230 X 2300	SW5
300 X 2300	SW6
500THK X AS PER LAYOUT	SW7
230THK X AS PER LAYOUT	SW8

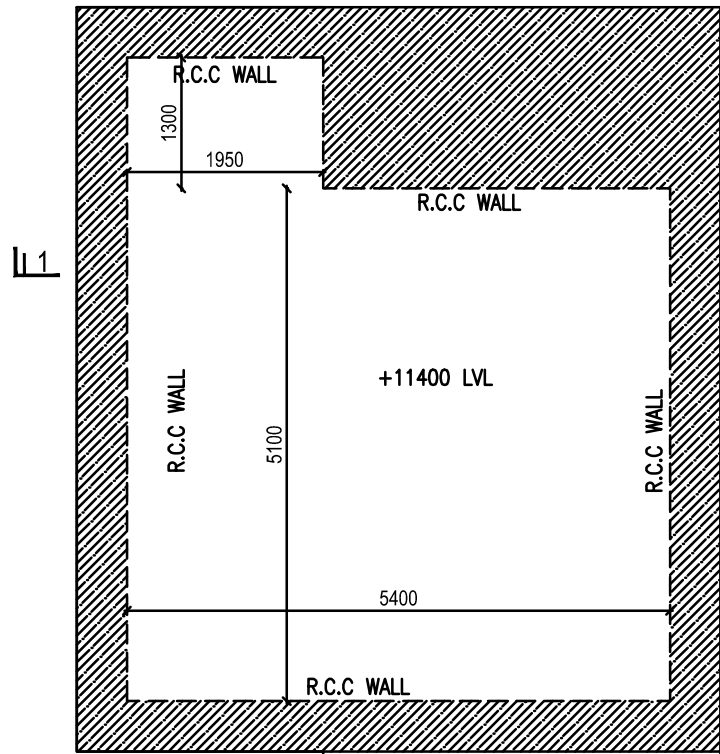
FOR TENDER

ISSUE ON : 17-04-15

PRINTS ISSUED

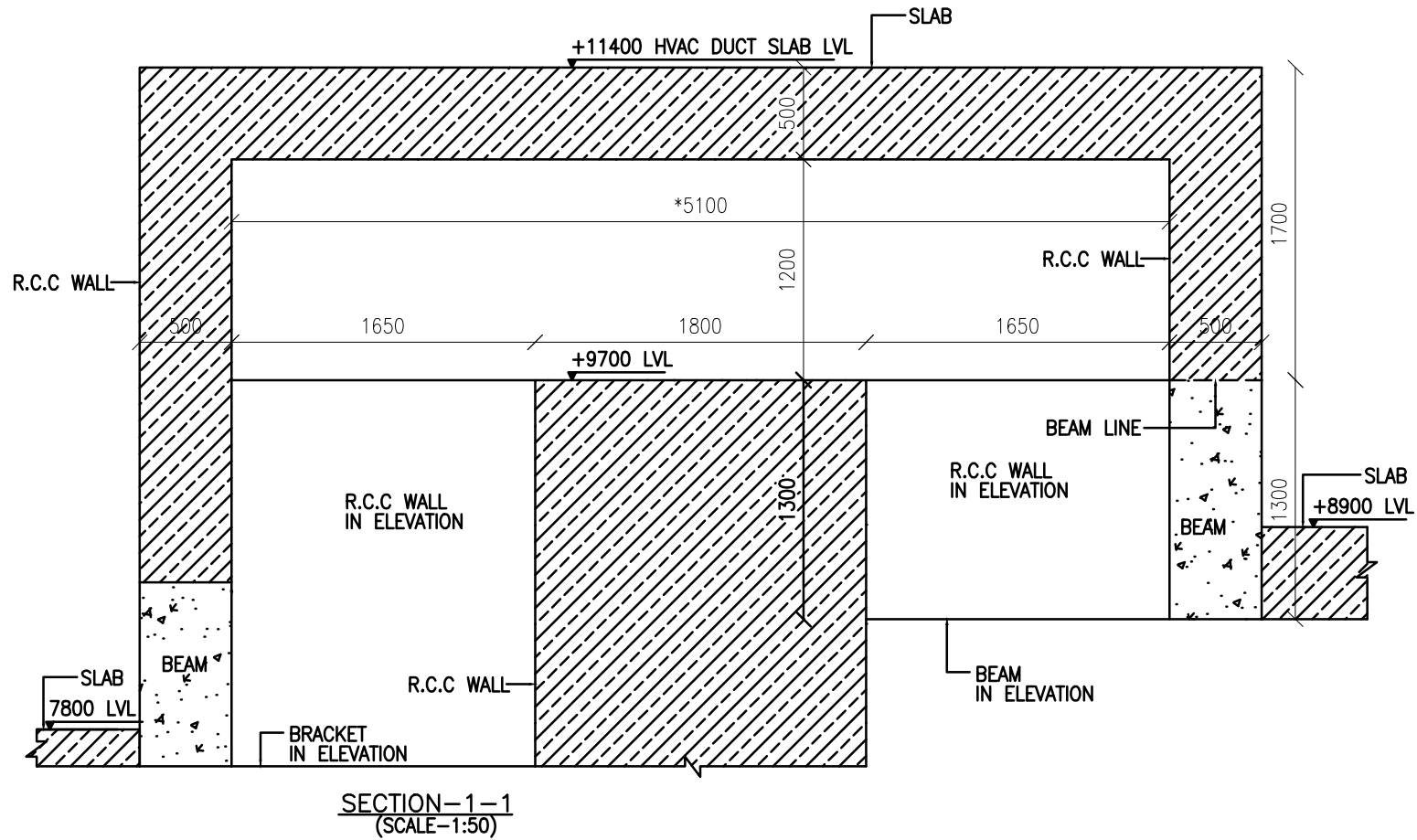
Date	Rev.	Arch	Client	Site	Consl.	Contr.	Office	Total	REMARK
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17-4-15 - - - - - FOR APP.



STRUCTURAL LAYOUT AT A.C DUCT TOP SLAB LVL (SCALE:-1:100)
FOR ALL CENTRE LINE DIMENSIONS & LOCATION REFER ARCH. DRG.
*ALL SLABS ARE 500 THK. UNLESS OTHERWISE SPECIFIED.(AS PER ARCH. / CLIENT REQUIREMENT)

 *THUS MARKED IS R.C.C WALL +11400 END



- GENERAL NOTES :-**
1. ALL DIMENSIONS ARE IN MM
 2. FOR ALL NOTES, REFER OUR DRG NO: STD.01.
 3. CEMENT SHALL BE OPC 43 OR HIGHER AS PER TENDER SPECIFICATION.
 4. SUPERVISION SHALL NOT BE OUR RESPONSIBILITY.
 5. TO TAKE OUT THE CUBE AND MATERIAL TESTING SHALL BE CONTRACTOR/ BUILDER/CLIENTS RESPONSIBILITY.
 6. LOAD TESTING OF STRUCTURE SHALL NOT BE OUR RESPONSIBILITY.
 7. ALL DIMENSIONS ARE TO BE READ AND NOT TO BE MEASURED
 8. # INDICATE STEEL FE 500 GRADE TMT BARS.
 9. ALL CONCMIX 1:2:20 UNLESS OTHERWISE SPECIFIED.
 10. LD = DEVELOPMENT LENGTH : 50 X #; WHERE # = DIA. OF BAR.
 11. ALL BRICK WORK SHALL BE IN C.M. (1:6)
 12. STRUCTURAL LAY OUT SHOULD BE REFER ONLY FOR STRUCTURAL DETAILING.
 13. PLEASE REFER ARCHITECTURAL DWG FOR L.V.S. & SETTINGS OUT CENTERLINE DIMENSIONS. THE CENTERLINE PUT IN THIS STRUCTURAL FOUNDATION LAYOUT IS SIMPLY INDICATIVE OF LOCATION AND AS APPROVED BY ARCHITECT.
 14. PLEASE REFER ARCH. DWG. FOR FINAL LAY OUT.
 15. CONTRACTOR SHOULD INFORM ARCHITECT/STRUCTURAL CONSULTANT IN CASE OF ANY CHANGE IN EXISTING CONDITION FOUND, IMMEDIATELY
 16. THIS DRG. SHOULD BE READ ALONG WITH ARCHITECTURAL DRGS.AND ANY CHANGES/DEVIATION FOUND SHOULD BE IMMEDIATELY BROUGHT TO NOTICE OF ARCHITECT.
 17. THIS DWG.SHOULD BE READ ALONG WITH RELEVANT DETAILS OF WORK
 18. MIX DESIGN SHOULD BE GOT APPROVED PRIOR TO EXECUTION
 19. ALL STEEL (TOP/BOTTOM) OF DIFFERENT ZONE SHALL BE LAPPED IN ADDITION WHERE THE ZONE TERMINATES. BY LENGTH EQUAL TO THE DEVELOPMENT LENGTH OF HIGHER DIA BAR.

FOR TENDER
ISSUE ON : 17-04-15

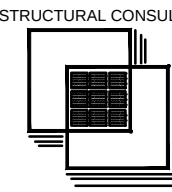
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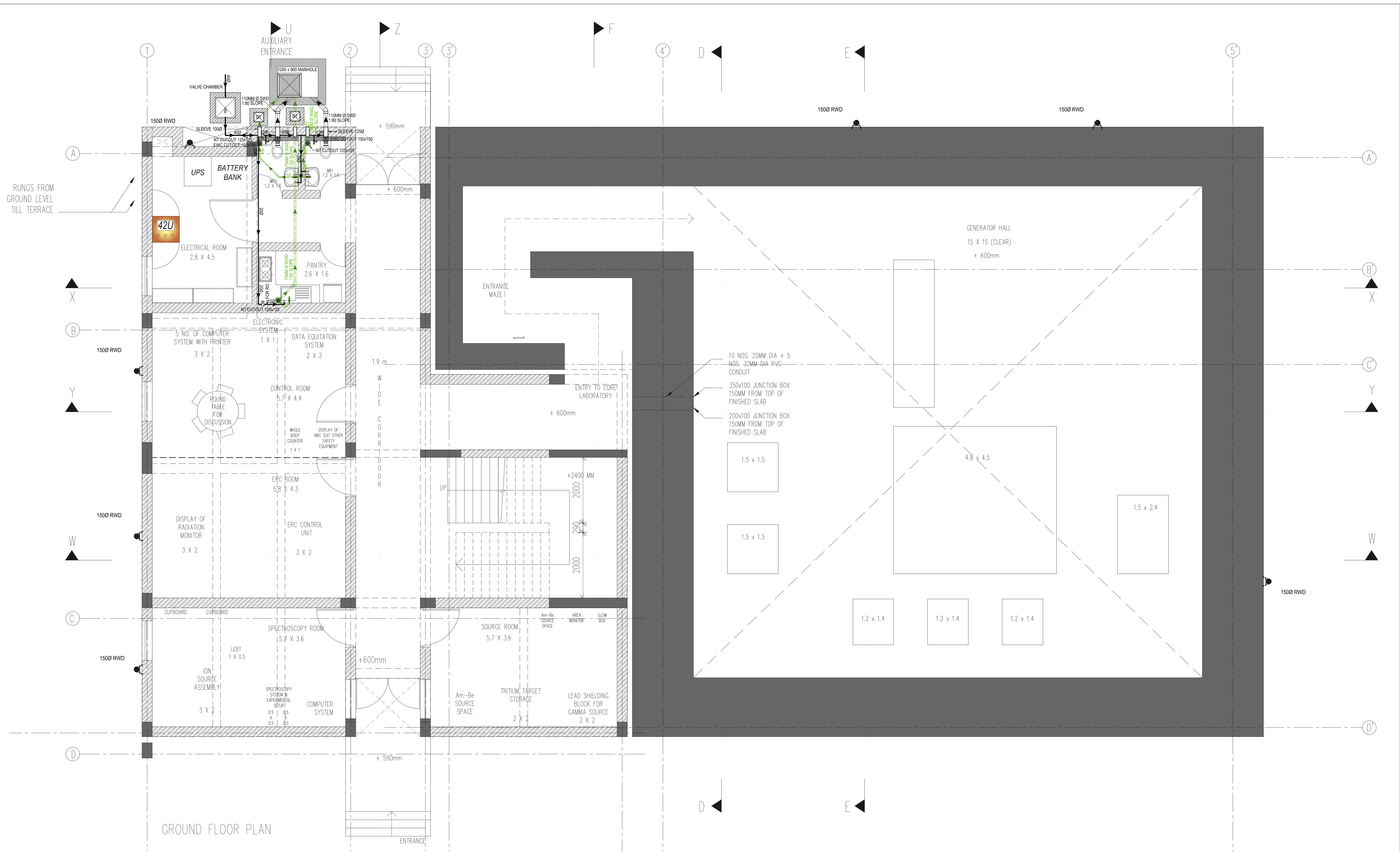
NO.	DATE	REVISION	BY	DR	CH
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ARCHITECTS


HCP DESIGN PLANNING AND MANAGEMENT PRIVATE LIMITED
"Paritosh", Usmanpura, Ahmedabad-380 013, Gujarat, INDIA
(079) 27550875. Fax: (079) 27552924 hcpahd@hcp.co.in

JOB TITLE	FCIPT-NUTRONICS LAB AT: GANDHINAGAR GIDC		
DRAWING TITLE	STRUCTURAL LAY-OUT FOR A.C DUCT TOP SLAB LVL.		
JOB NO	DATE	DRG. NO.	REVISION
5314	21-02-15	MISC-S-5.1	R0
SCALE	SHEET SIZE	DRAWN	DESIGN
AS SHOW	A2	CHIRAG.M	AAKASH
			HARDIK

STRUCTURAL CONSULTANT

DUCON
CONSULTANTS PRIVATE LIMITED
A3-A4, 3rd FLOOR, Solid portfolio, Corporate road,
Nr. prebhatnagar Garden, S.G. ROAD, Ahmed-01.
E-mail: contact@duconconsultants.in
PH:40073196,65410630,65410631



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NOTE :-
THESE DRAWINGS ARE BASED ON
ARCHITECTURAL DRAWINGS DATED 11 JUNE 2015.

LEGEND :-

	WC
	WASH BASIN
	SOL WASTE WATER PIPE
	WASTE WATER PIPE
	WATER SUPPLY PIPE
	RAIN WATER PIPE
	SOL WATER DOWNTAKE
	WASTE WATER DOWNTAKE
	RAIN WATER DOWNTAKE
	WATER SUPPLY DOWNTAKE
	NT OUTLET 125x125
	ERC OUTLET 150x150

	PLUMBING WALL
	1/2 CLAMP
	NAHANI TRAP
	CONTROL VALVE
	2 WAY BB COCK WITH HEALTH FAUCET
	PILLAR COCK
	ANGLE COCK
	FLUSH VALVE

FOR TENDER
PRINT ISSUED FOR

NO.	DATE	DESCRIPTION	DRG BY	CHK BY
01	15/06/2015	ISSUED FOR TENDER	AVP	MB

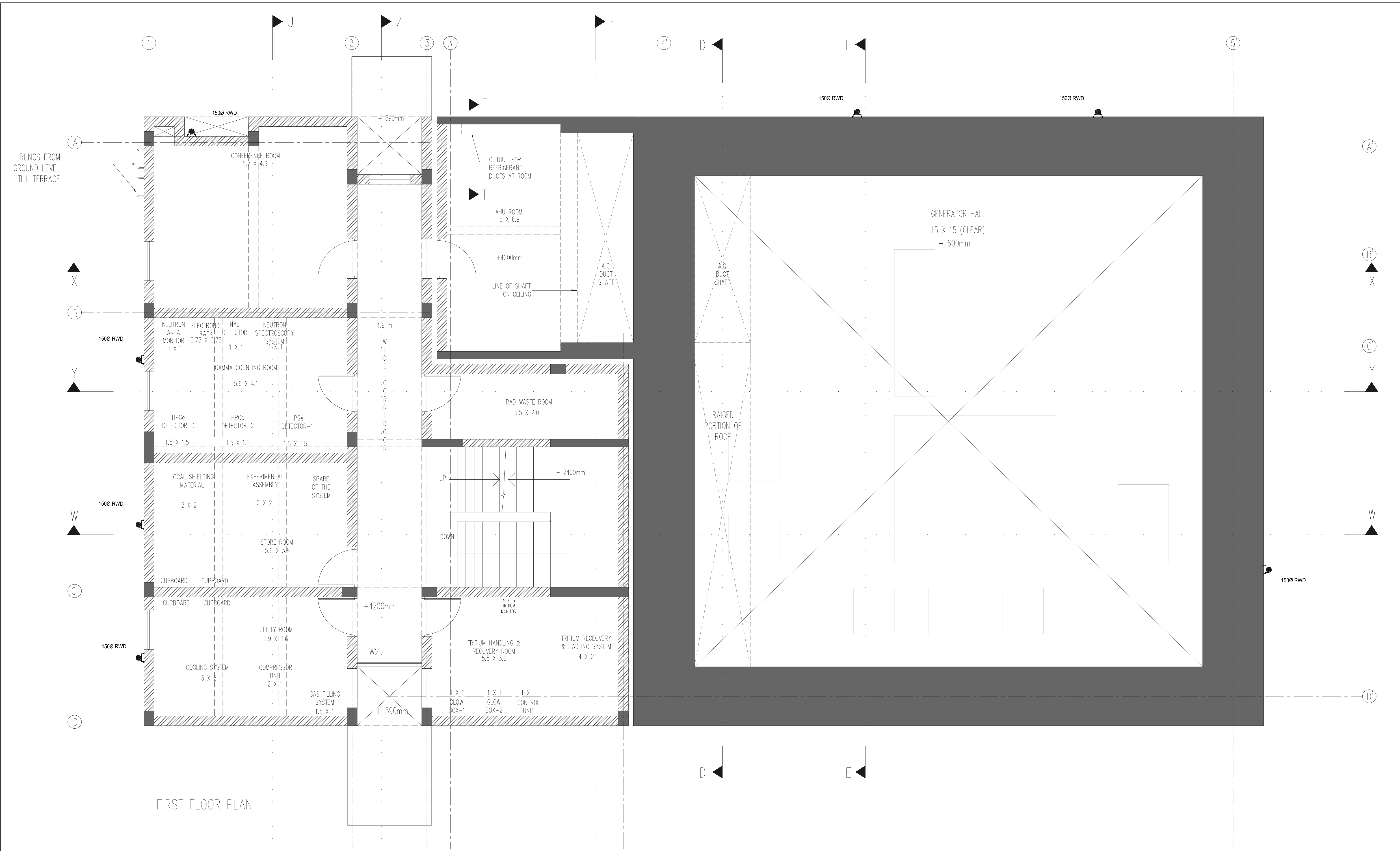
PROJECT NAME
IPR - NEUTRONICS LAB

DRAWING TITLE GROUND FLOOR PLAN			
DRG NO.	IPR - GF - 01	REV. NO.	01
DATE	15/06/2015	DRAWING	AVP
SCALE	1:50	CHECKED BY	MB
SERVICES CONSULTANT			



ARCHITECT:-
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PLOT NO. 10, PHASE II, INDUSTRIAL AREA, NEAR JHAVERI, PUNE-411 004, INDIA.
MOB: 98200 17188, FAX: 020 2555 1895
WWW.JHAVERI.AE

FOR TENDER
JHAVERI ASSOCIATES
PLOT NO. 10, PHASE II, INDUSTRIAL AREA, NEAR JHAVERI, PUNE-411 004, INDIA.
MOB: 98200 17188, FAX: 020 2555 1895
WWW.JHAVERI.AE

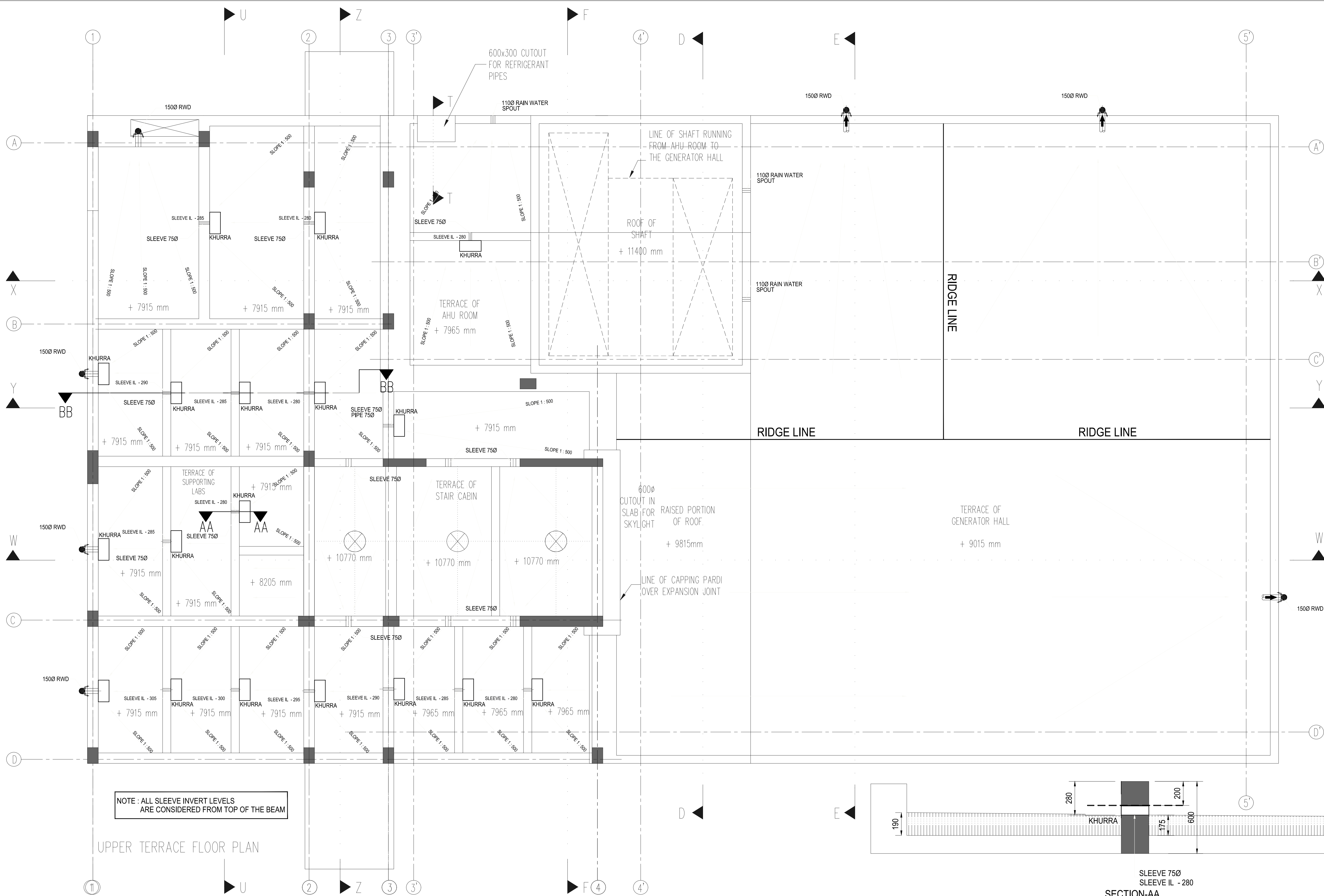


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NOTE :-
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ARCHITECTURAL DRAWINGS DATED 11 JUNE 2015.

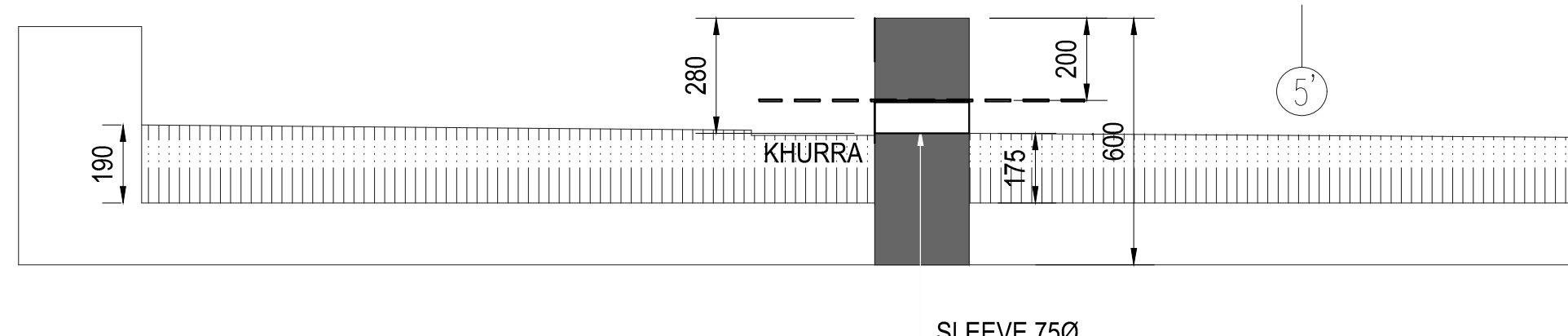
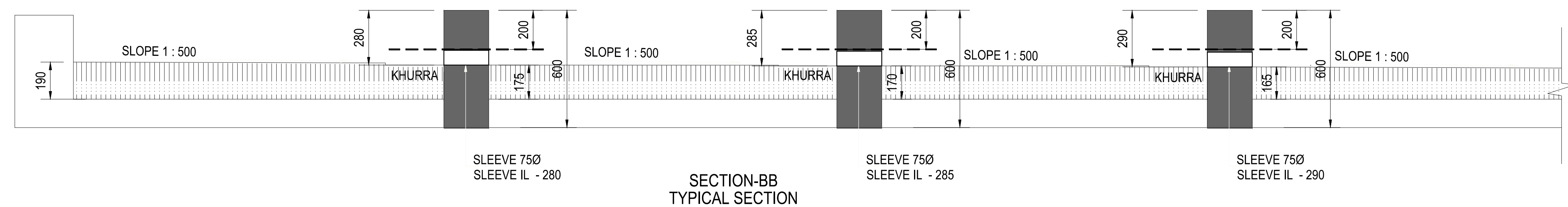
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PRINT ISSUED FOR						IPR - NEUTRONICS LAB	
NO.	DATE	DESCRIPTION	DRW BY	CHK BY	APP.	DRAWING TITLE	
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						DRG NO.	IPR_FF_01
						REV. NO.	01
						DATE	15/06/2015
						DRAWING	AVP
						SCALE	1:50
						CHECKED BY	MB
						SERVICES CONSULTANT	
ARCHITECT:-						JHAVERI ASSOCIATES	
JCP DESIGN PLANNING AND MANAGEMENT PVT LTD						2, Pashu Society, 1st St, Vasthak, Jyoti Park, Ahmedabad-380001	
PUNJABI ENGINEERS, Ahmedabad-380 015, Gujarat						T: 01-79-2652 3025 Fax: 01-79-2652 3029	
Bldg. 1071/1758175, Fax: 0171 7758195						E-mail: info@jhaiveriassociates.com	
www.jcp.co.in							





NOTE: ALL SLEEVE INVERT LEVELS
ARE CONSIDERED FROM TOP OF THE BEAM

UPPER TERRACE FLOOR PLAN

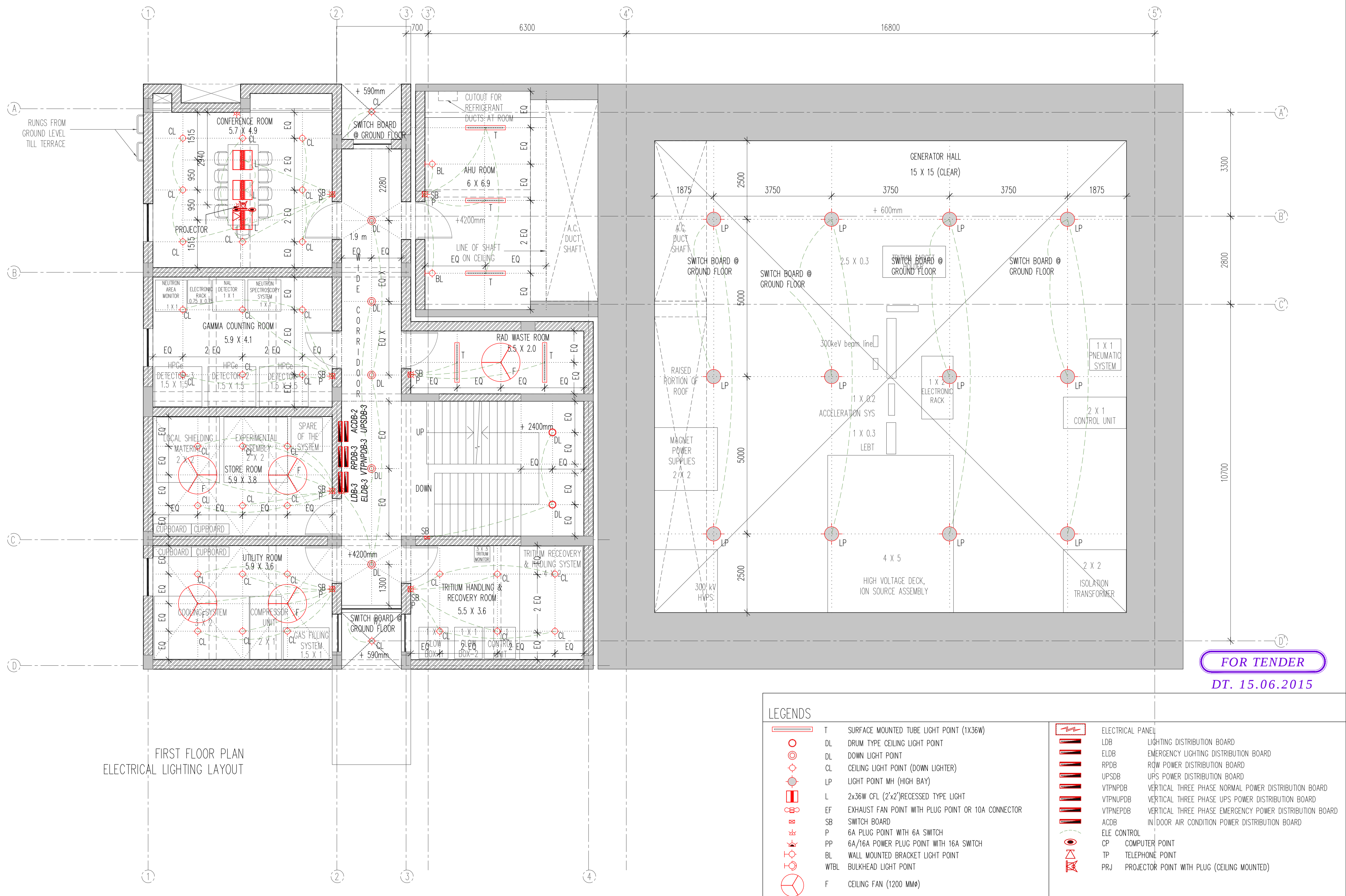


SLEEVE 750
SLEEVE IL - 280
SECTION-AA
TYPICAL SECTION

FOR TENDER				PROJECT NAME			
PRINT ISSUED FOR				IPR - NEUTRONICS LAB			
NO.	DATE	DESCRIPTION	DRN BY	CHK BY	DRAWING TITLE	REV. NO.	REV.
01	15/08/2015	ISSUED FOR TENDER	AVP	MB	UPPER TERRACE FLOOR PLAN	01	01
02					DRG. NO. - IPR_UPTF_04	REV. NO.	01
03					DATE - 15/08/2015	DRAWING -	AVP
04					SCALE - 1:50	CHECKED BY -	MB
05					SERVICES CONSULTANT		
ARCHITECT:				JHAVERI ASSOCIATES			
HCP DESIGN PLANNING AND MANAGEMENT PVT LTD				2, Pashu Society, 1st Floor, Jyoti Park, Ahmedabad-380001			
PLOT NO. 1, PLOT AREA: 1000 SQ. MTR.				T: 01-79-360-3025 Fax: 01-79-360-3025			
Bldg. 101/11/10/11/11, Fax: 01-79-360-3025				E-mail: info@jhaiveriassociates.com			



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LEGENDS

- T SURFACE MOUNTED TUBE LIGHT POINT (1X36W)
- DL DRUM TYPE CEILING LIGHT POINT
- DL DOWN LIGHT POINT
- CL CEILING LIGHT POINT (DOWN LIGHTER)
- LP LIGHT POINT MH (HIGH BAY)
- L 2X36W CFL (2'X2') RECESSED TYPE LIGHT
- EF EXHAUST FAN POINT WITH PLUG POINT OR 10A CONNECTOR
- SB SWITCH BOARD
- P 6A PLUG POINT WITH 6A SWITCH
- PP 6A/16A POWER PLUG POINT WITH 16A SWITCH
- BL WALL MOUNTED BRACKET LIGHT POINT
- WTBL BULKHEAD LIGHT POINT
- F CEILING FAN (1200 MMφ)

- ELECTRICAL PANEL
- LDB LIGHTING DISTRIBUTION BOARD
- ELDB EMERGENCY LIGHTING DISTRIBUTION BOARD
- RPDB ROW POWER DISTRIBUTION BOARD
- UPSDB UPS POWER DISTRIBUTION BOARD
- VTNPDB VERTICAL THREE PHASE NORMAL POWER DISTRIBUTION BOARD
- VTNUPDB VERTICAL THREE PHASE UPS POWER DISTRIBUTION BOARD
- VTNEPDB VERTICAL THREE PHASE EMERGENCY POWER DISTRIBUTION BOARD
- ACDB INDOOR AIR CONDITION POWER DISTRIBUTION BOARD
- ELE CONTROL
- CP COMPUTER POINT
- TP TELEPHONE POINT
- PRJ PROJECTOR POINT WITH PLUG (CEILING MOUNTED)

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The ±00 level is the finished level of the adjoining pavement & plinth protection (of the adjoining shed building & admin building)

REVISIONS

Ref.	Date	Description

INSTITUTE OF PLASMA RESEARCH
NEUTRONICS LAB
AT GANDHINAGAR

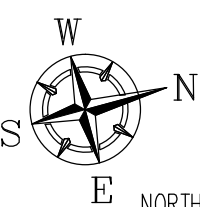
FIRST FLOOR PLAN : ELECTRICAL LIGHTING LAYOUT

DRG. NO.: NEU_ELE-201

PROJECT NO: 14007

SCALE 1:75

DATE: 01/05/15



SERVICES CONSULTANT

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2, Palkhi Society, Nr. SBI, Vejalpur, Jivraj Park, Ahmedabad-380051

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jhaveriassociates04@yahoo.co.in, jhaveriassociates04@gmail.com

STATUS: T

DESIGN MANAGER : M.S.KOTHARI

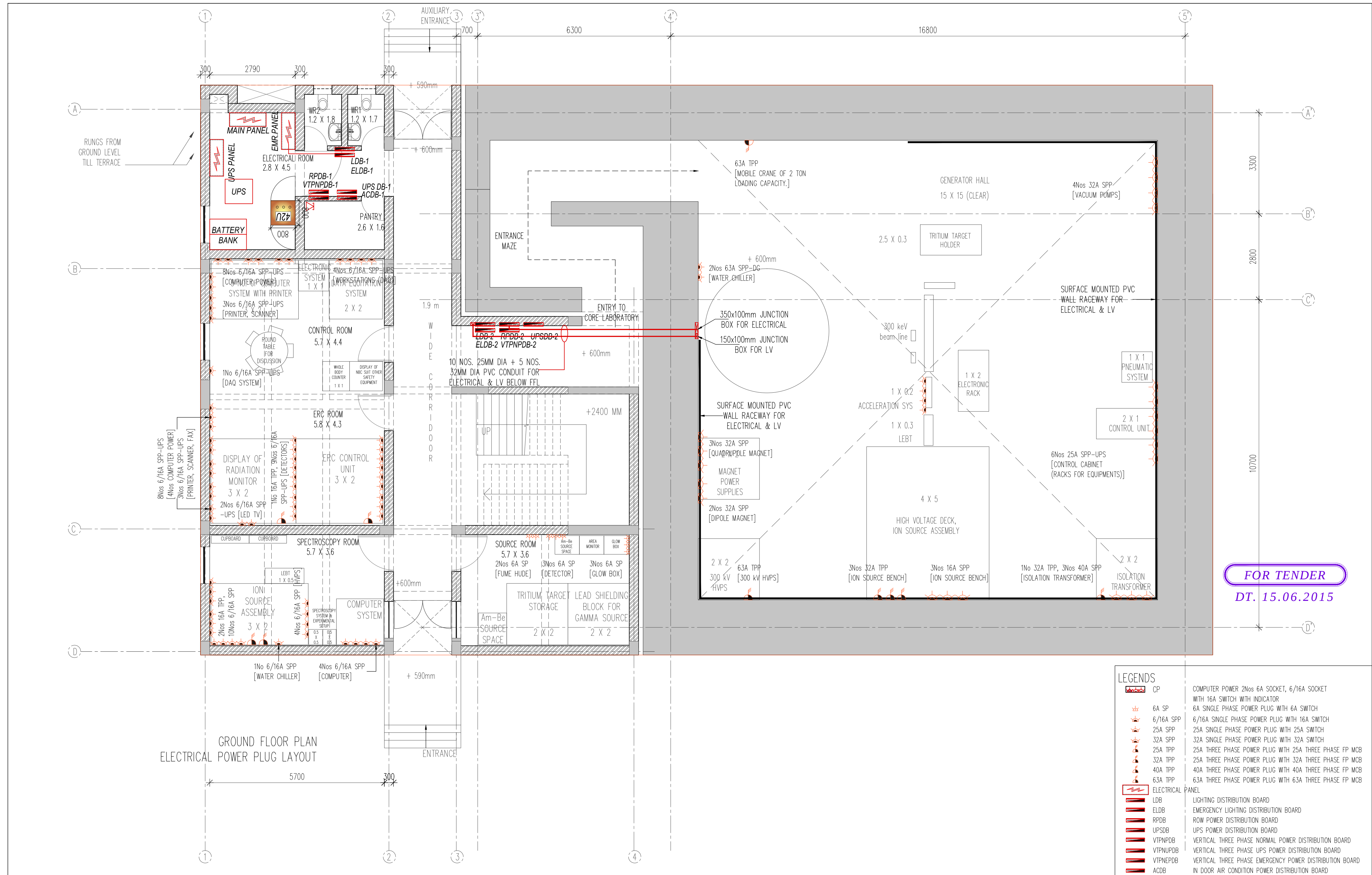
PROJECT MANAGER : M.S.KOTHARI

DRAWING MANAGER : M.S.KOTHARI

HCP DESIGN PLANNING AND MANAGEMENT PRIVATE LIMITED

"Paritosh", Usmanpura, Ahmedabad-380 013, Gujarat, INDIA

(079) 27550875. Fax: (079) 27552924 hcpahd@hcp.co.in



FOR TENDER
DT. 15.06.2015

LEGENDS	
	CP
	6A SP
	6/16A SPP
	25A SPP
	32A SPP
	25A TPP
	32A TPP
	40A TPP
	63A TPP
	ELECTRICAL PANEL
	LIGHTING DISTRIBUTION BOARD
	EMERGENCY LIGHTING DISTRIBUTION BOARD
	ROW POWER DISTRIBUTION BOARD
	UPS POWER DISTRIBUTION BOARD
	VERTICAL THREE PHASE NORMAL POWER DISTRIBUTION BOARD
	VERTICAL THREE PHASE UPS POWER DISTRIBUTION BOARD
	VERTICAL THREE PHASE EMERGENCY POWER DISTRIBUTION BOARD
	IN DOOR AIR CONDITION POWER DISTRIBUTION BOARD
	COMPUTER POWER 2Nos 6A SOCKET, 6/16A SOCKET WITH 16A SWITCH WITH INDICATOR
	6A SINGLE PHASE POWER PLUG WITH 6A SWITCH
	6/16A SINGLE PHASE POWER PLUG WITH 16A SWITCH
	25A SINGLE PHASE POWER PLUG WITH 25A SWITCH
	32A SINGLE PHASE POWER PLUG WITH 32A SWITCH
	25A THREE PHASE POWER PLUG WITH 25A THREE PHASE FP MCB
	25A THREE PHASE POWER PLUG WITH 32A THREE PHASE FP MCB
	40A THREE PHASE POWER PLUG WITH 40A THREE PHASE FP MCB
	63A THREE PHASE POWER PLUG WITH 63A THREE PHASE FP MCB

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The ±00 level is the finished level of the adjoining pavement & plinth protection (of the adjoining shed building & admin building)

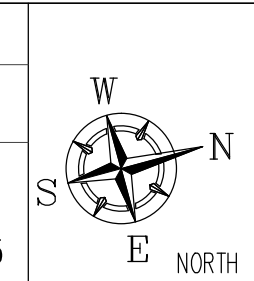
REVISIONS

Ref.	Date	Description

INSTITUTE OF PLASMA RESEARCH
NEUTRONICS LAB
AT GANDHINAGAR

GROUND FLOOR PLAN : ELECTRICAL POWER PLUG LAYOUT SCALE 1:75

DRG. NO.: NEU_ELE-102 DATE: 02/06/2015



SERVICES CONSULTANT

HAVERI ASSOCIATES

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jhaveriassociates04@yahoo.co.in, jhaveriassociates04@gmail.com

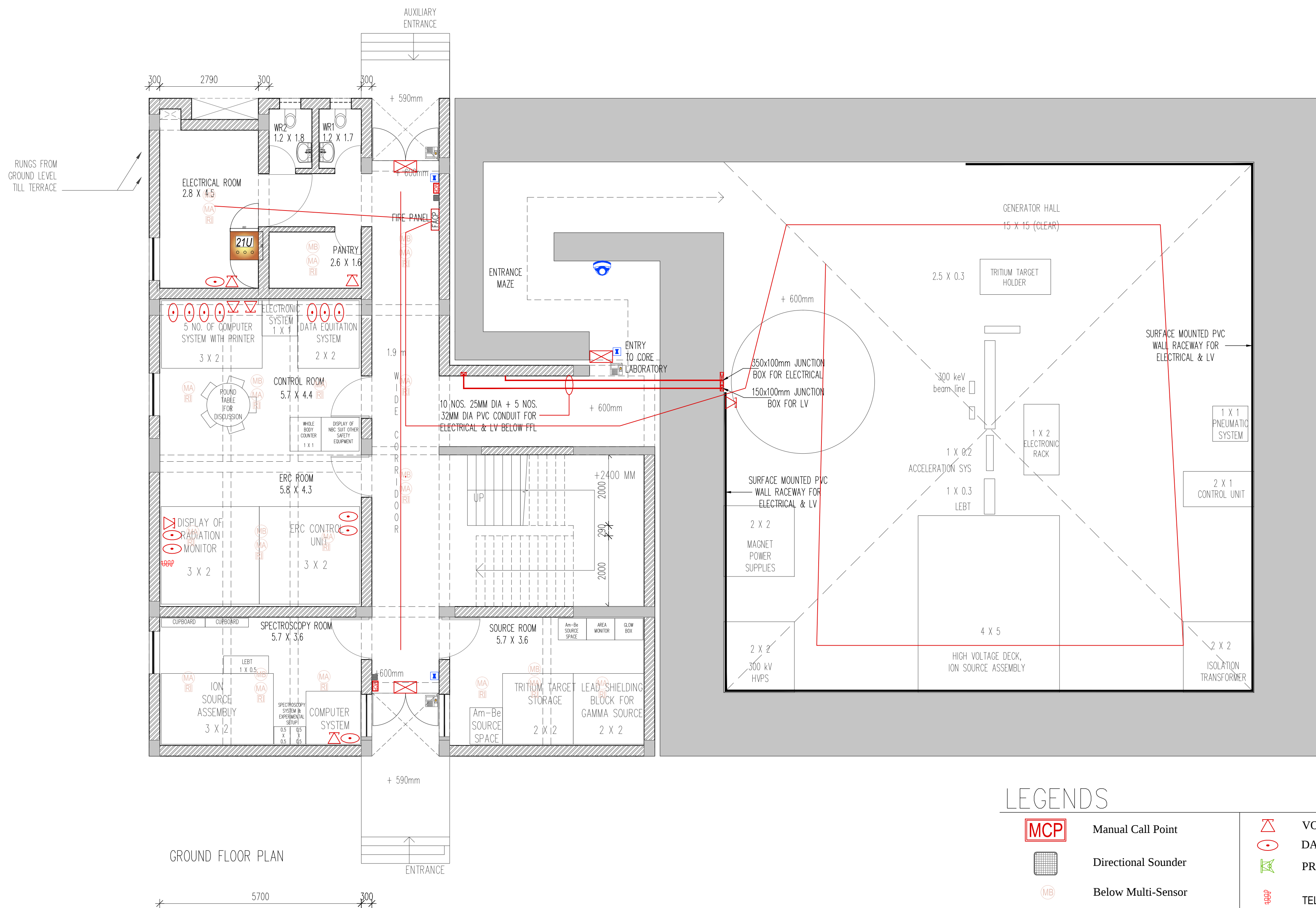
STATUS: T

T = INFORMATION, T = TENDER
E = EXECUTION, R = RECORDS

DRAWN BY : MAHENDRA DESIGN MANAGER : M.S.KOTHARI

DRAWING MANAGER : M.S.KOTHARI PROJECT MANAGER : M.S.KOTHARI

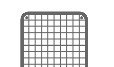
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(079) 27550875. Fax: (079)27552924 hcpahd@hcp.co.in



LEGENDS

MCP

Manual Call Point



Directional Sounder



Below Multi-Sensor



Dome Camera



Above Multi-Sensor



Response Indicator



Infrared Indicator



VOICE POINT



DATA POINT



PRJ PROJECTOR POINT WITH PLUG
(CEILING MOUNTED)



TELEVISION POINT



EXIT SWITCH



ACCESS POINT



BIOMETRIC READER

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The ±100 level is the finished level of the adjoining pavement & plinth protection (of the adjoining shed building & admin building)

REVISIONS

Ref.	Date	Description

INSTITUTE OF PLASMA RESEARCH
NEUTRONICS LAB
AT GANDHINAGAR

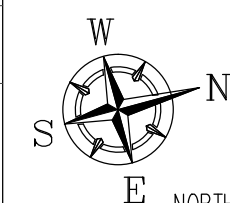
PROJECT NO: 14007

GROUND FLOOR PLAN

SCALE 1:75

DRG. NO.: NEU_ELV_GF_01

DATE: 02/06/15



STATUS: T

T = INFORMATION, T = TENDER

E = EXECUTION, R = RECORDS

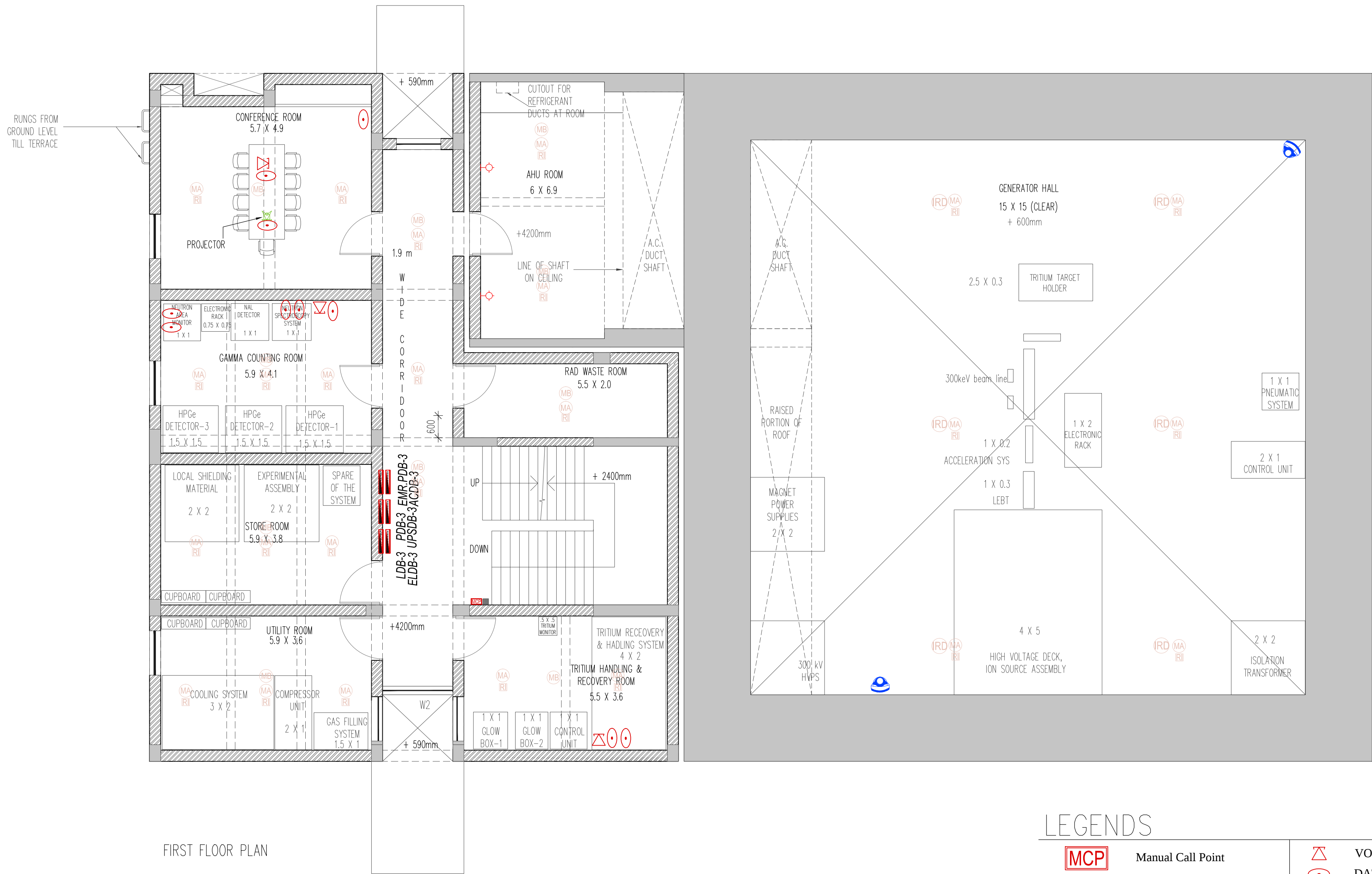
DRAWN BY : KP

DESIGN MANAGER : M.S.KOTHARI

DRAWING MANAGER : MAHENDRA

PROJECT MANAGER : M.S.KOTHARI

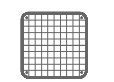
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"Paritosh", Usmanpura, Ahmedabad-380 013, Gujarat, INDIA
(079) 27550875. Fax: (079) 27552924 hcpahd@hcp.co.in



LEGENDS



Manual Call Point



Directional Sounder



Below Multi-Sensor



Dome Camera



Above Multi-Sensor



Response Indicator



Infrared Indicator



VOICE POINT



DATA POINT



PROJECTOR POINT WITH PLUG
(CEILING MOUNTED)



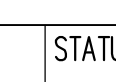
TELEVISION POINT



EXIT SWITCH



ACCESS POINT



BIOMETRIC READER

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REVISIONS

Ref.	Date	Description

INSTITUTE OF PLASMA RESEARCH
NEUTRONICS LAB
AT GANDHINAGAR

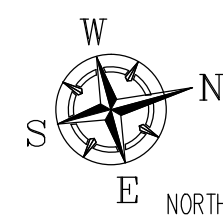
PROJECT NO: 14007

FIRST FLOOR PLAN

SCALE 1:75

DRG. NO.: NEU_ELV_FF_02

DATE: 02/06/15



STATUS: T

T = INFORMATION, T = TENDER

E = EXECUTION, R = RECORDS

DRAWN BY : KP

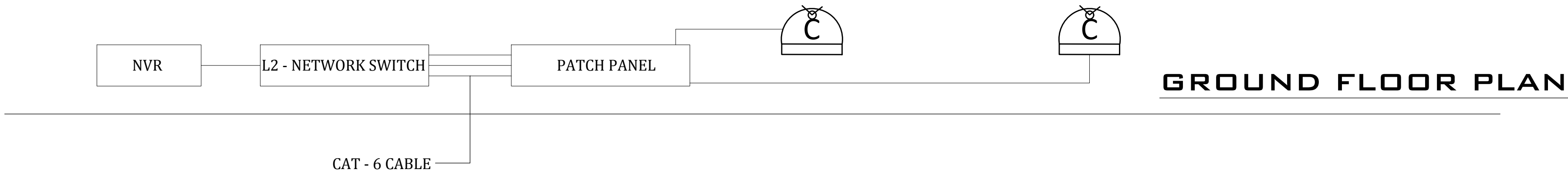
DESIGN MANAGER : M.S.KOTHARI

DRAWING MANAGER : MAHENDRA

PROJECT MANAGER : M.S.KOTHARI

HCP DESIGN PLANNING AND MANAGEMENT PRIVATE LIMITED
"Paritosh", Usmanpura, Ahmedabad-380 013, Gujarat, INDIA
(079) 27550875. Fax: (079) 27552924 hcpahd@hcp.co.in

CCTV - SCHEMATIC



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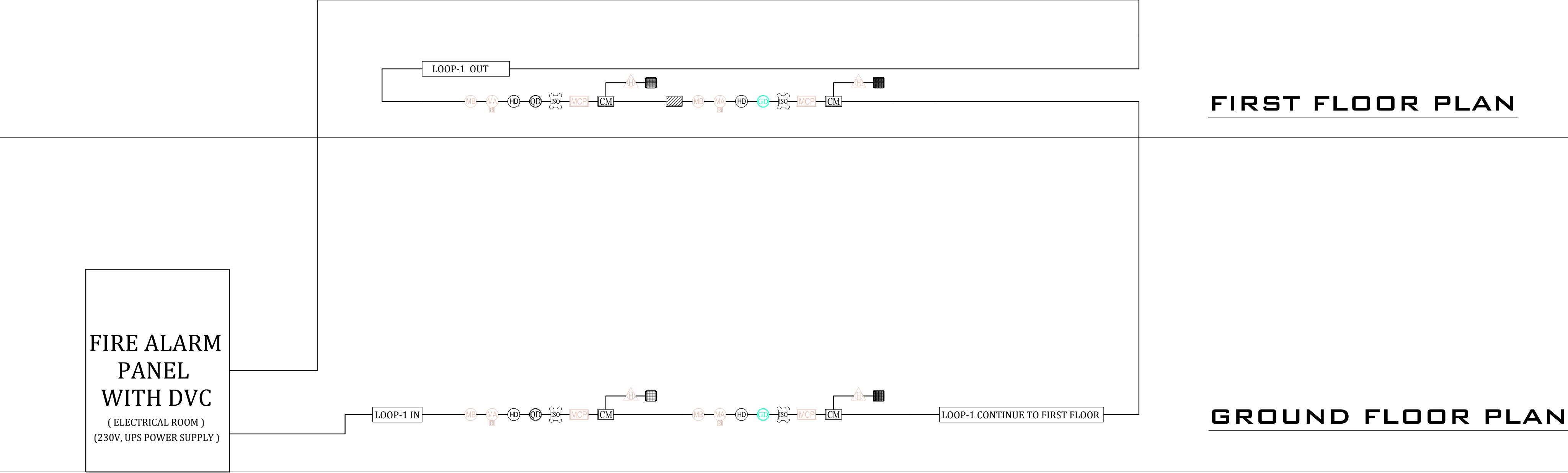
The ±00 level is the finished level of the adjoining pavement & plinth protection (of the adjoining shed building & admin building)

REVISIONS		
Ref.	Date	Description

INSTITUTE OF PLASMA RESEARCH		PROJECT NO: 14007
NEUTRONICS LAB		
AT GANDHINAGAR		
CCTV SCHEMATIC		SCALE 1:75
DRG. NO.: NEU_ELV_CCTV SCHEMATIC_03		DATE: 02/06/15

	STATUS: T		I = INFORMATION, T = TENDER E = EXECUTION, R = RECORDS
	DRAWN BY : KP	DESIGN MANAGER : M.S.KOTHARI	
	DRAWING MANAGER : MAHENDRA	PROJECT MANAGER : M.S.KOTHARI	
	HCP DESIGN PLANNING AND MANAGEMENT PRIVATE LIMITED "Paritosh", Usmanpura, Ahmedabad-380 013, Gujarat, INDIA (079) 27550875. Fax: (079) 27552924 hcpahd@hcp.co.in		

FAS SCHEMATIC



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REVISIONS		
Ref.	Date	Description

INSTITUTE OF PLASMA RESEARCH		PROJECT NO: 14007
NEUTRONICS LAB		
AT GANDHINAGAR		
FAS SCHEMATIC		SCALE 1:75
DRG. NO.: NEU_ELV_FAS SCHEMATIC_02		DATE: 02/06/15

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S
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STATUS: T

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DRAWN BY : KP

DESIGN MANAGER : M.S.KOTHARI

DRAWING MANAGER : MAHENDRA

PROJECT MANAGER : M.S.KOTHARI

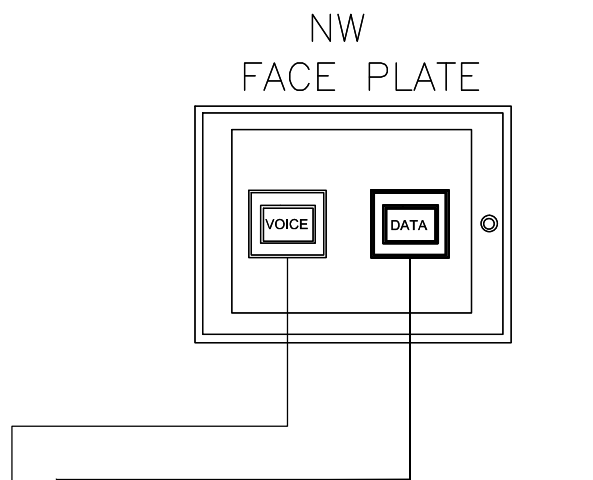
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(079) 27550875. Fax:(079)27552924 hcpahd@hcp.co.in

NETWORK & TELECOM SCHEMATIC

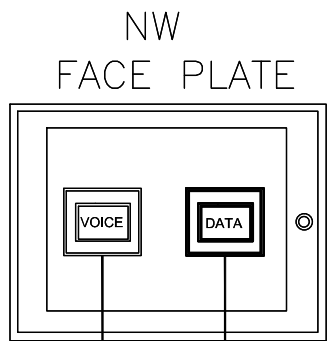
FIRST FLOOR PLAN



EACH LINE INDICATES:
1 RUN X CAT-6 UTP CABLE
FOR VOICE CABLE.

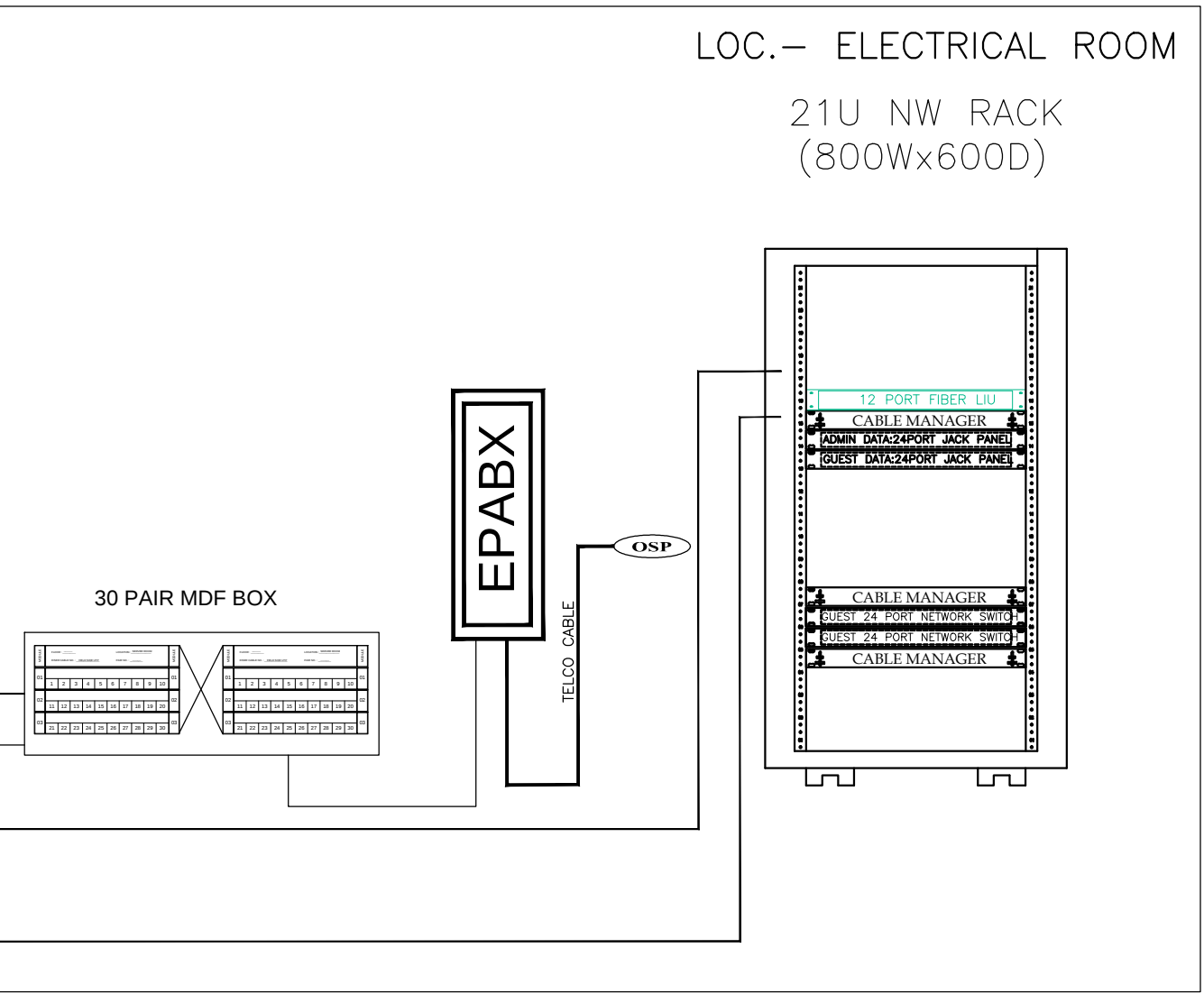
EACH LINE INDICATES:
1 RUN X CAT-6 UTP CABLE

GROUND FLOOR PLAN



EACH LINE INDICATES:
1 RUN X CAT-6 UTP CABLE
FOR VOICE CABLE.

EACH LINE INDICATES:
1 RUN X CAT-6 UTP CABLE



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REVISIONS		
Ref.	Date	Description

INSTITUTE OF PLASMA RESEARCH		PROJECT NO: 14007
NEUTRONICS LAB		
AT GANDHINAGAR		
NETWORK & TELECOM SCHEMATIC		SCALE 1:75
DRG. NO.: NEU_ELV_N & T SCHEMATIC_01		DATE: 02/06/15

W

S

E

N

NORTH

STATUS: T

T = INFORMATION, I = TENDER
E = EXECUTION, R = RECORDS

DRAWN BY : KP

DESIGN MANAGER : M.S.KOTHARI

DRAWING MANAGER : MAHENDRA

PROJECT MANAGER : M.S.KOTHARI

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