

SUPPORTING SKILL DEVELOPMENT IN HIMACHAL PRADESH

**PROPOSAL FOR DEVELOPMENT OF CITY LIVELIHOOD CENTRE
AT SUNDER NAGAR ITI PWD**

4th Aug 2016

SUNDERNAGAR AT ITI SUNDERNAGAR DISTT MANDI
(31.518071, 76.876377)
DEPARTMENT OF TECHNICAL EDUCATION



SITE IS LOCATED IN FRONT OF THE ITI FOR PWD

VIEW OF SITE FRONT OF THE ITI FOR PWD



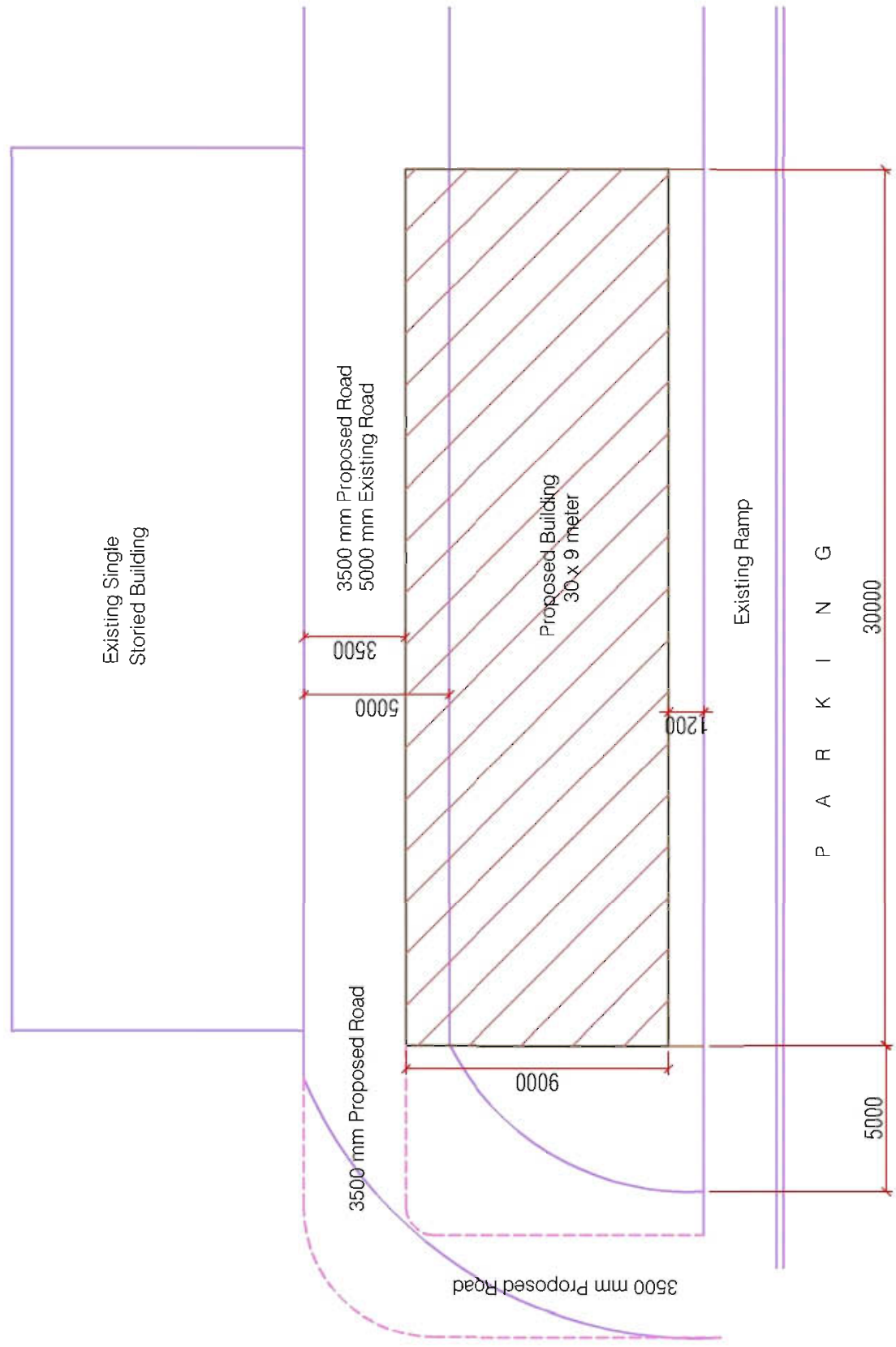
APPROACH ROAD- SITE IS ON THE RIGHT

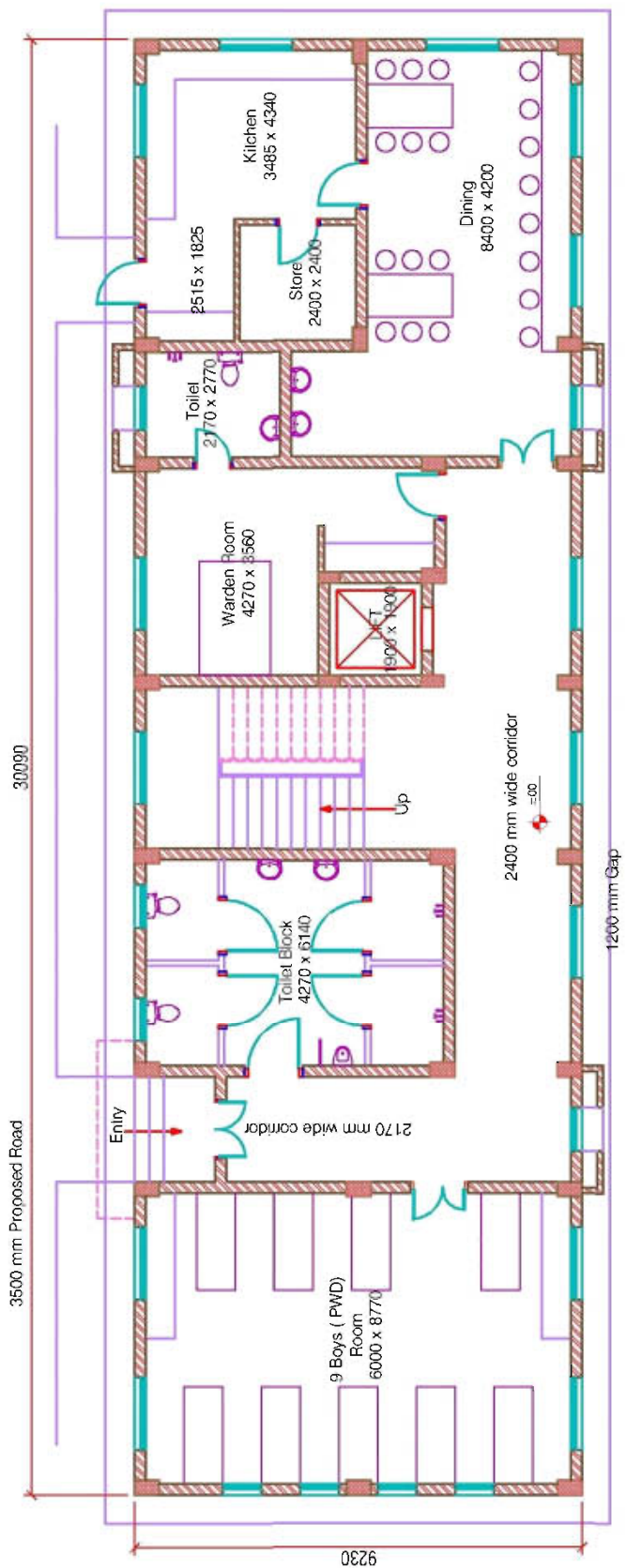


SUNDER NAGAR

LOCATION OF CLC
Scale :- 1:200 (A4)

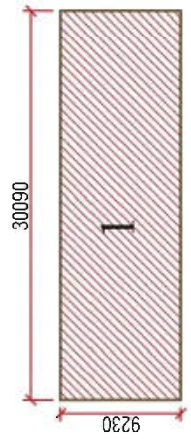
01





Existing Ramp Below

Ramp Down



Lower Ground Floor Plan

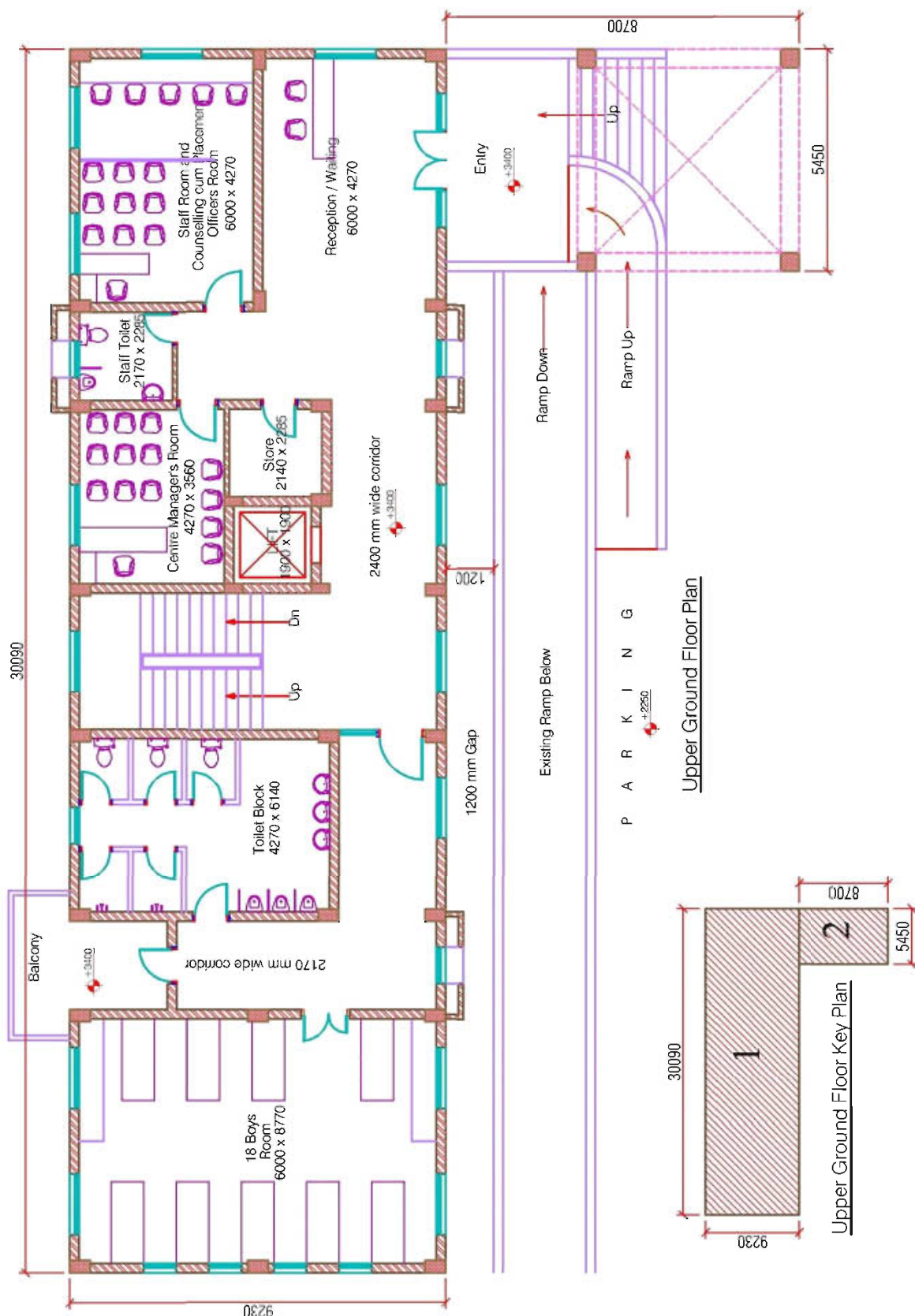
Lower Ground Floor Key Plan



SUNDER NAGAR

LOCATION OF CLC
Scale :- 1:120 (A4)

03

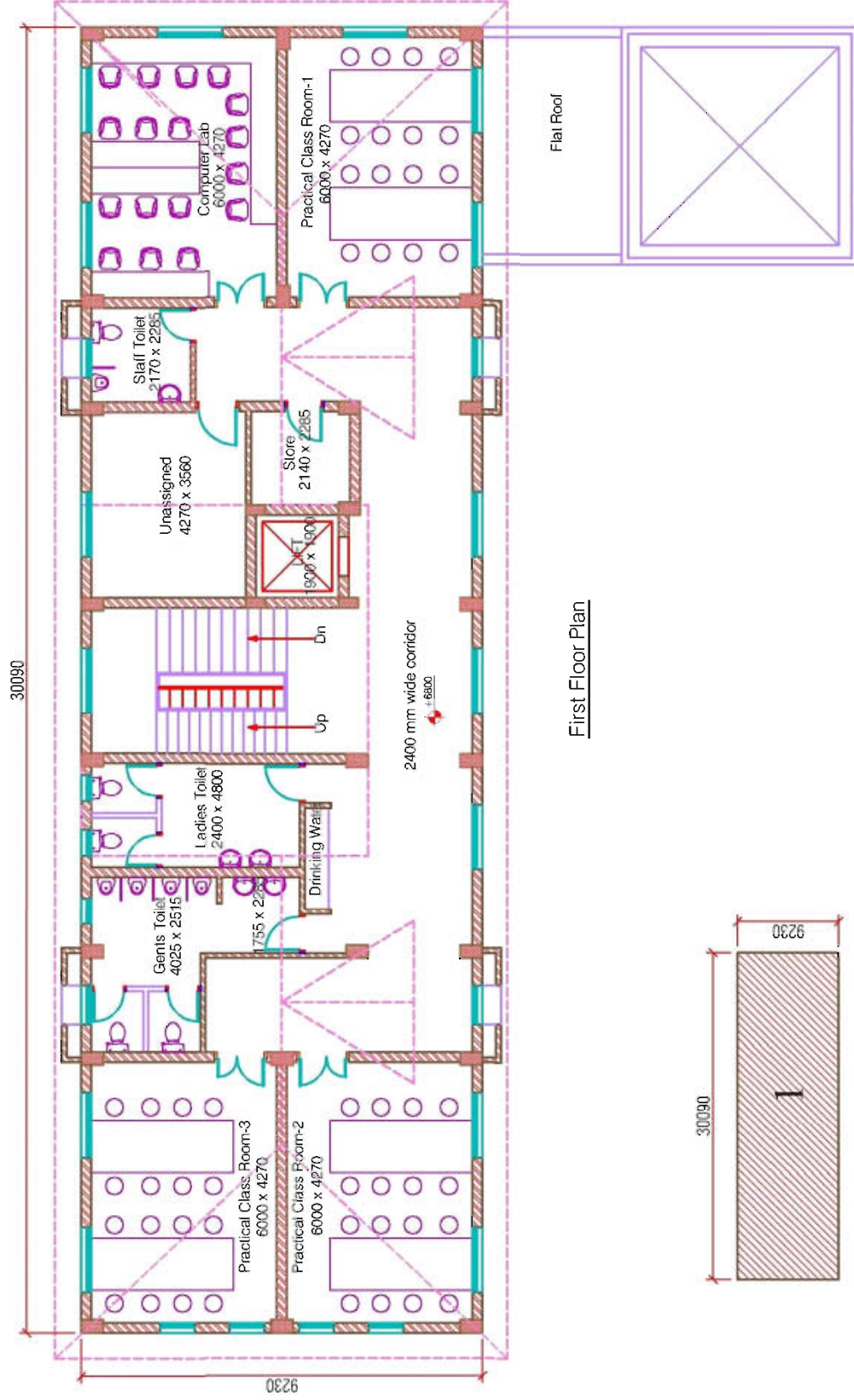




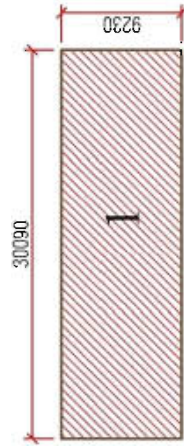
SUNDER NAGAR

LOCATION OF CLC
Scale :- 1:120 (A4)

04



First Floor Plan



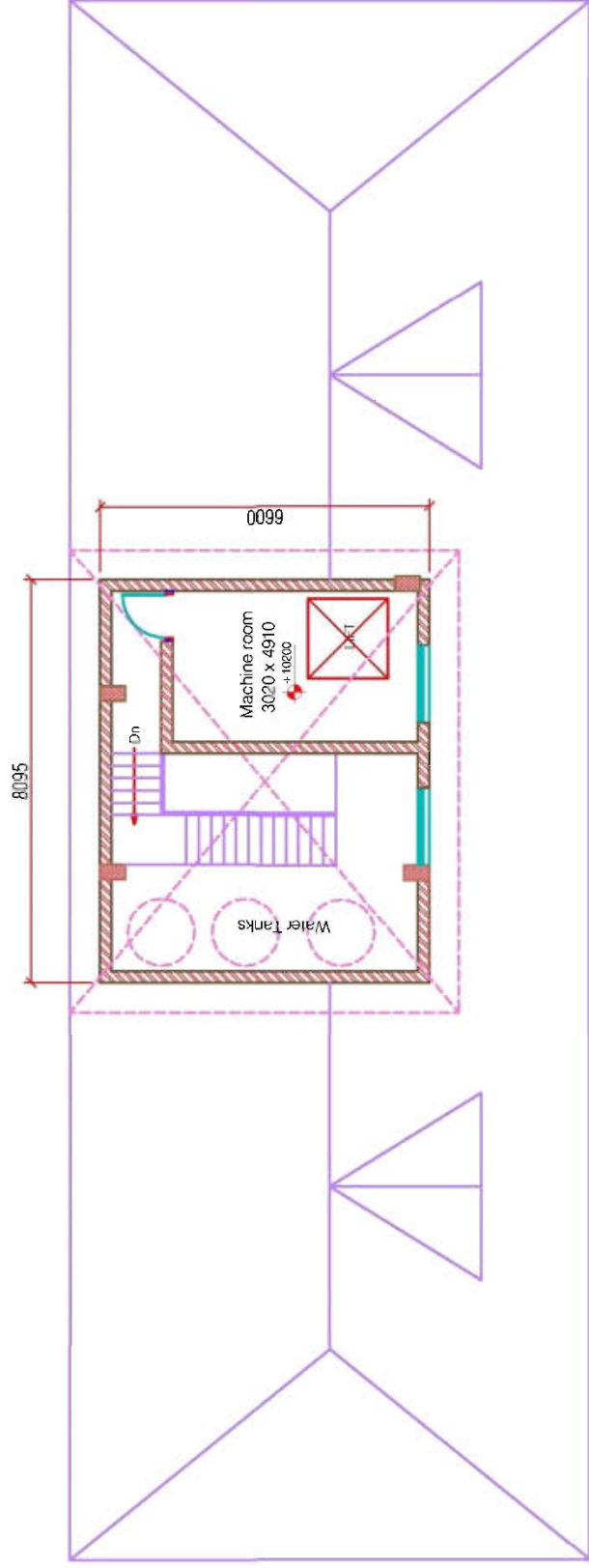
First Floor Key Plan



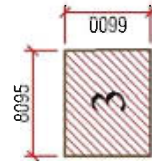
SUNDER NAGAR

LOCATION OF CLC
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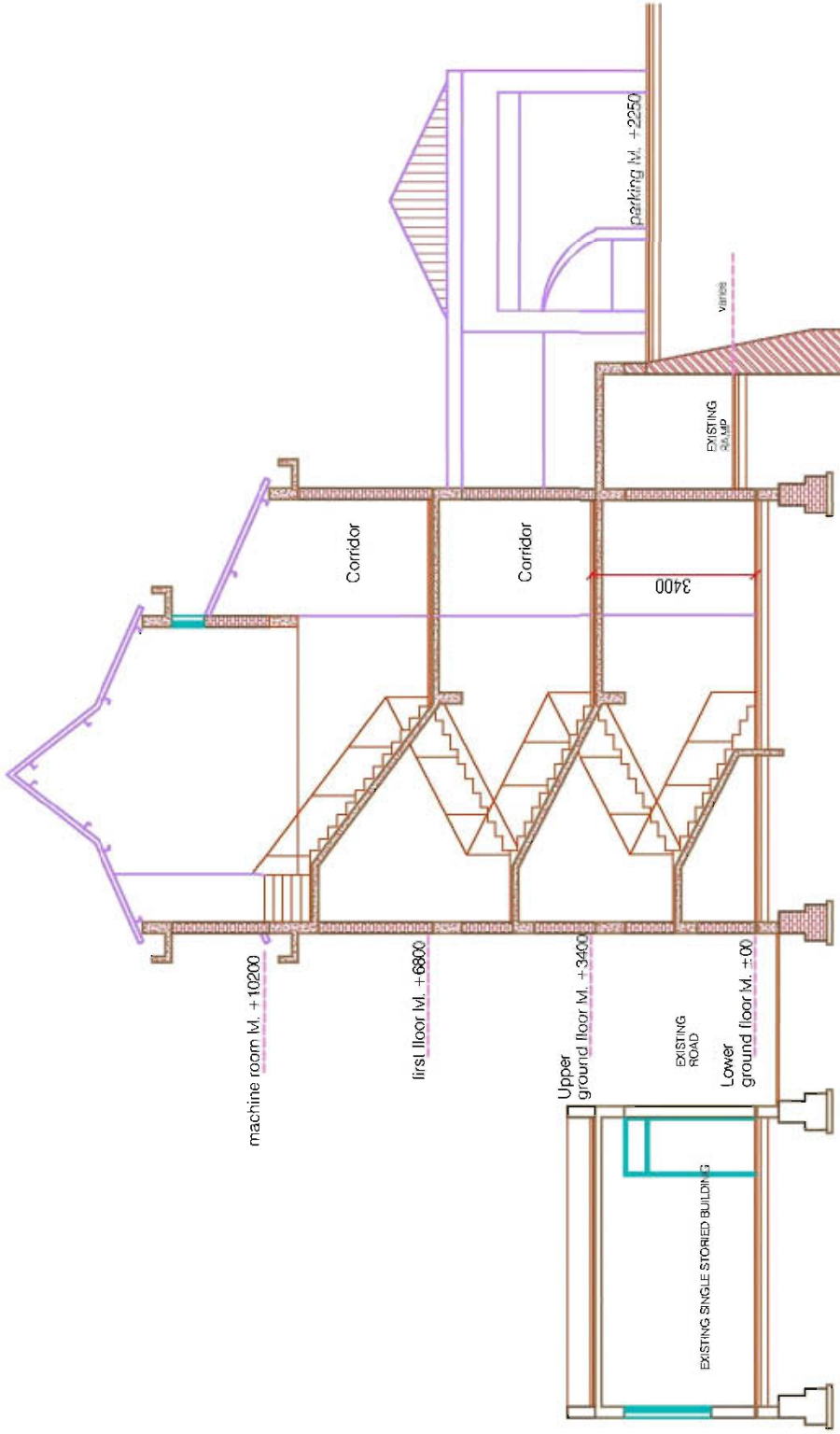
05



Second Floor Plan (Machine Room)



Second Floor Key Plan



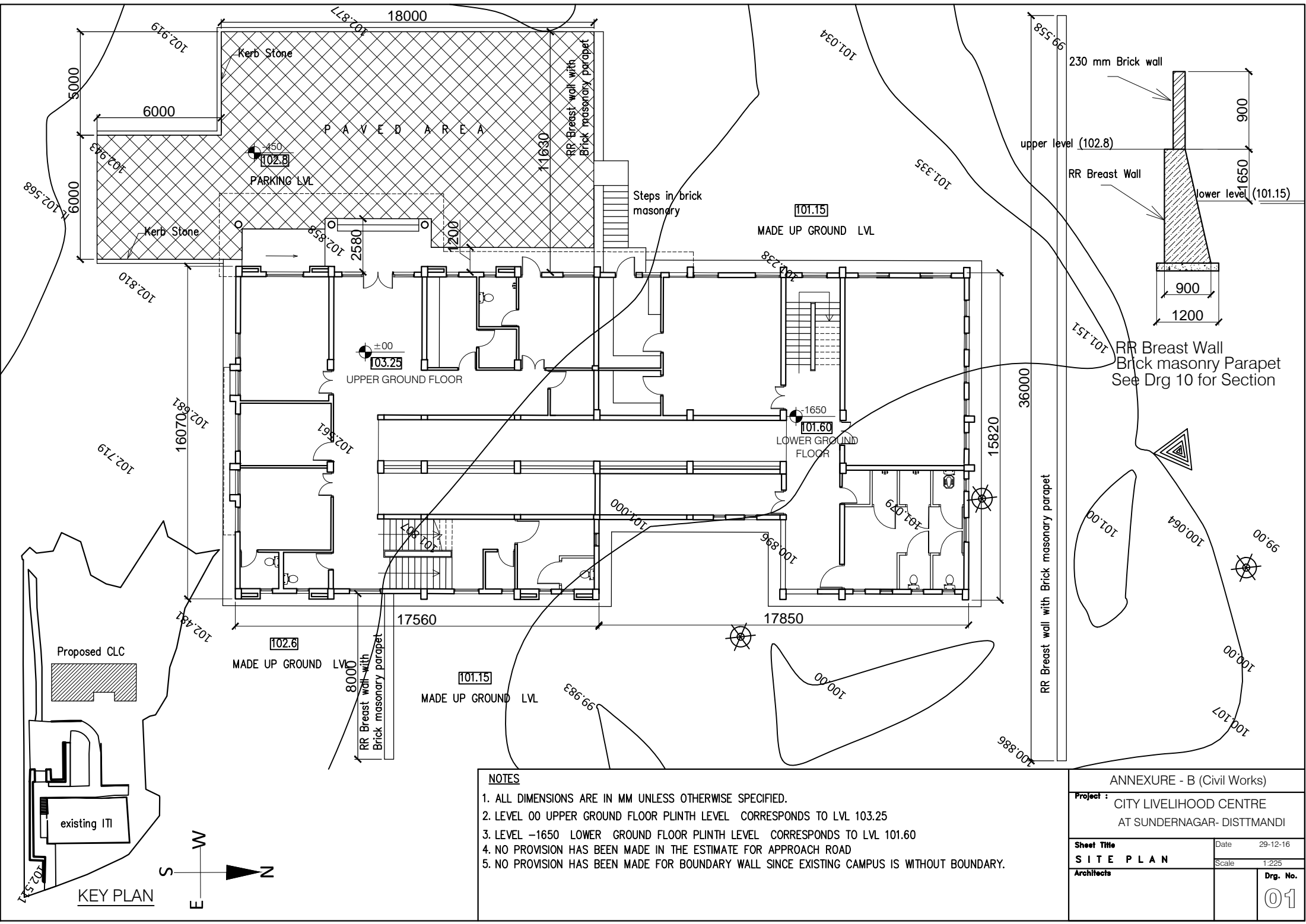
Section



CLC 3D VIEW



CLC 3D VIEW

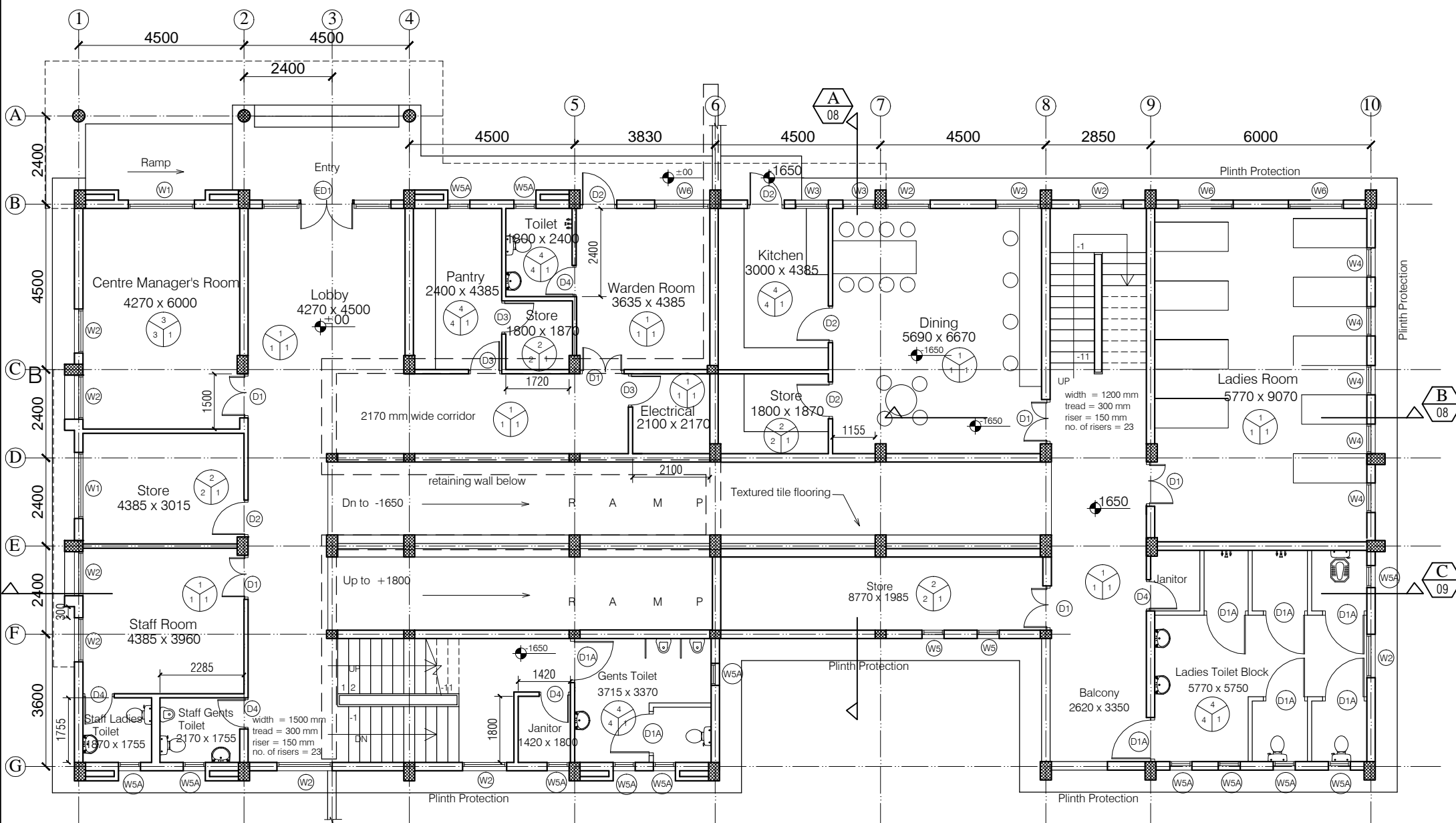


NOTES

1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
2. LEVEL 00 UPPER GROUND FLOOR PLINTH LEVEL CORRESPONDS TO LVL 103.25
3. LEVEL -1650 LOWER GROUND FLOOR PLINTH LEVEL CORRESPONDS TO LVL 101.60
4. NO PROVISION HAS BEEN MADE IN THE ESTIMATE FOR APPROACH ROAD
5. NO PROVISION HAS BEEN MADE FOR BOUNDARY WALL SINCE EXISTING CAMPUS IS WITHOUT BOUNDARY.

ANNEXURE - B (Civil Works)

Project : CITY LIVELIHOOD CENTRE AT SUNDERNAGAR- DISTTMANDI	
Sheet Title S I T E P L A N	Date 29-12-16
Architects	Scale 1:225
Drg. No. 01	



NOTES

- DRAWING TO BE READ AND NOT MEASURED.
- ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED
- RAMP FLOORING TO HAVE TILE SIMILAR TO "CANDID TERRACOTTA" OF NITCO MAKE 300MM X 300 MM MATTE HEAVY DUTY VITRIFIED TILE.
- SIMILAR TILES TO BE USED IN CORRIDORS EDGE AS GUIDES FOR VISUALLY IMPAIRED.



F = Flooring
S = Skirting / Dado
W = Wall Finishing

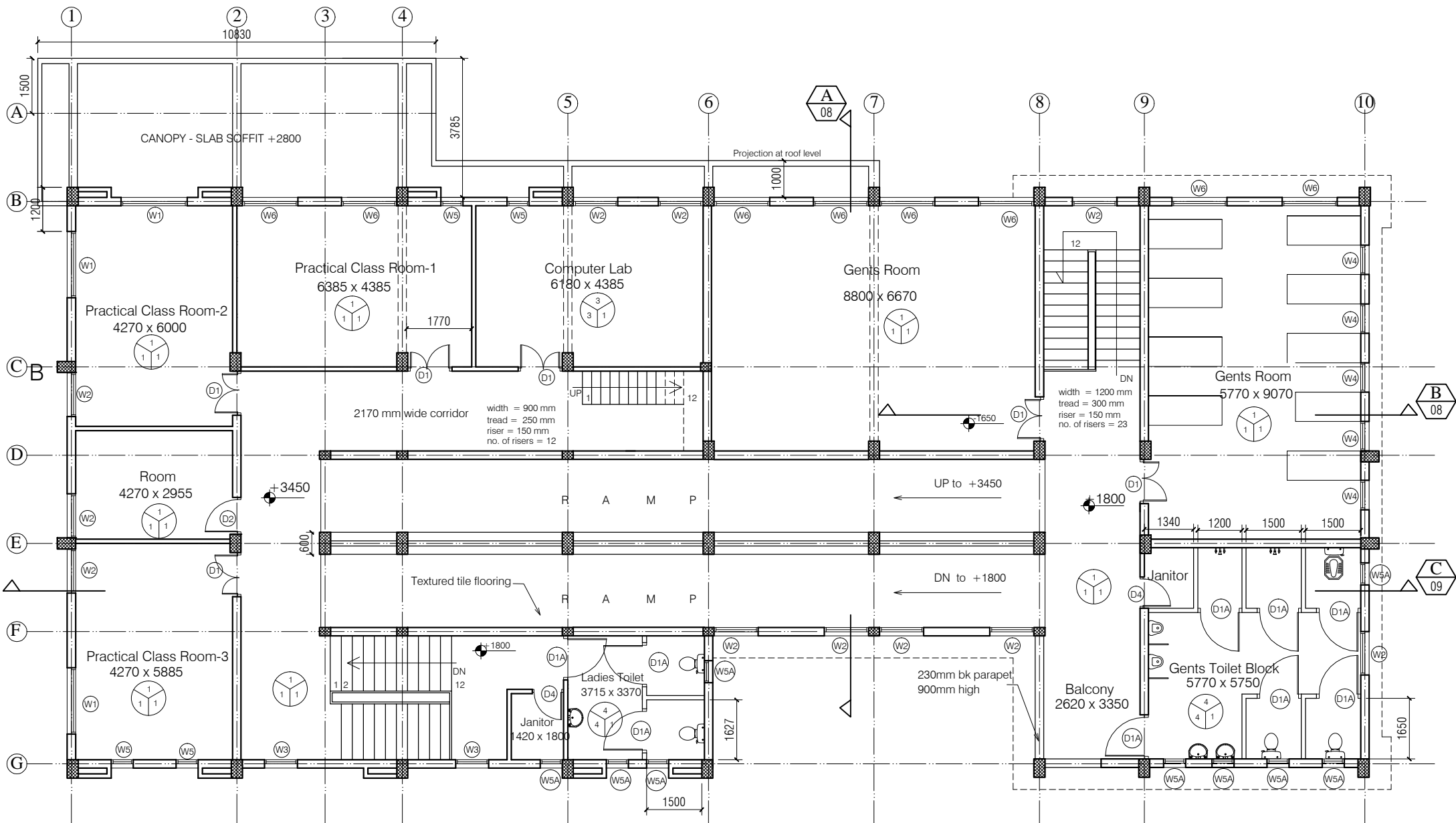
- F = Flooring
1 = Kota Flooring
2 = Cement Flooring
3 = Vitrified Tile Flooring
4 = Ceramic Tile Flooring
5 = Terrazzo Flooring
6 = 50 mm CC Flooring with Hardener topping

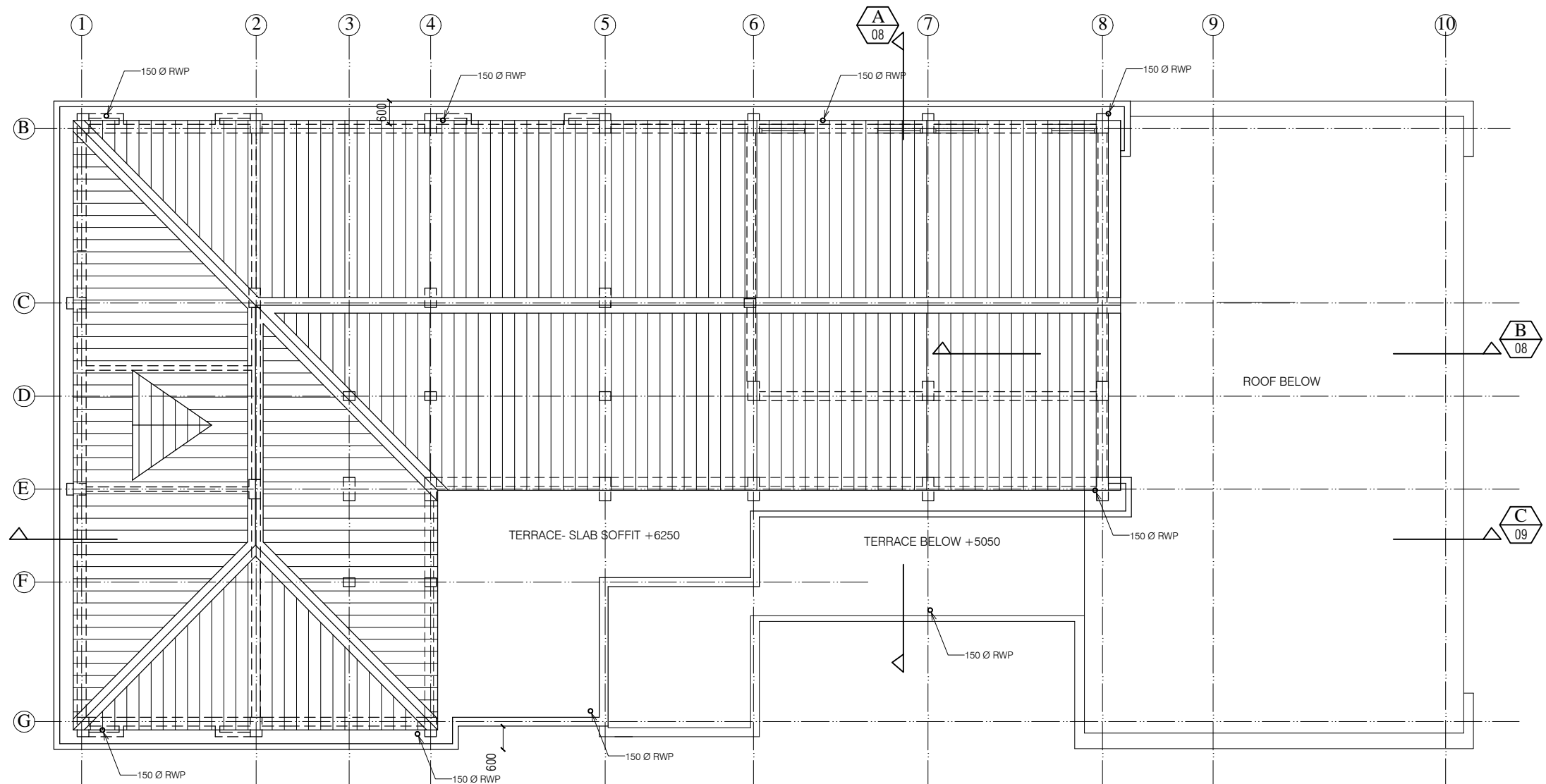
- S = Skirting / Dado
1 = Kota Skirting
2 = Cement Skirting
3 = Vitrified Skirting
4 = White Glazed Tile
5 = Terrazzo Skirting
W = Wall Finishing
1 = Wall Putty + Acrylic Emulsion
2 = Wall Putty + Weather Proof Exterior grade Emulsion

DOORS + WINDOWS SCHEDULE							
MKD.	WIDTH	HEIGHT	CILL	MKD.	WIDTH	HEIGHT	CILL
ED1	3500	2800	00	W2	1200	1900	900
D1	1200	2800	00	W3	900	1900	900
D1A	1200	2100	00	W4	800	1900	900
D2	1000	2800	00	W5	600	1900	900
D3	900	2800	00	W5A	600	1300	1500
D4	850	2100	00	W6	1500	1900	900
W1	1800	1900	900	W7	1200	900	-

ANNEXURE - B (Civil Works)

Project :		CITY LIVELIHOOD CENTRE AT SUNDERNAGAR- DISTT-MANDI	
Sheet Title	GROUND FLOOR PLAN	Date	29-12-16
Architects		Scale	1:150
		Dr. No.	02





NOTES

1. DRAWING TO BE READ AND NOT MEASURED.
2. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.

ANNEXURE - B (Civil Works)

Project : CITY LIVELIHOOD CENTRE
AT SUNDERNAGAR- DISTT-MANDI

Sheet Title
UPPER ROOF PLAN

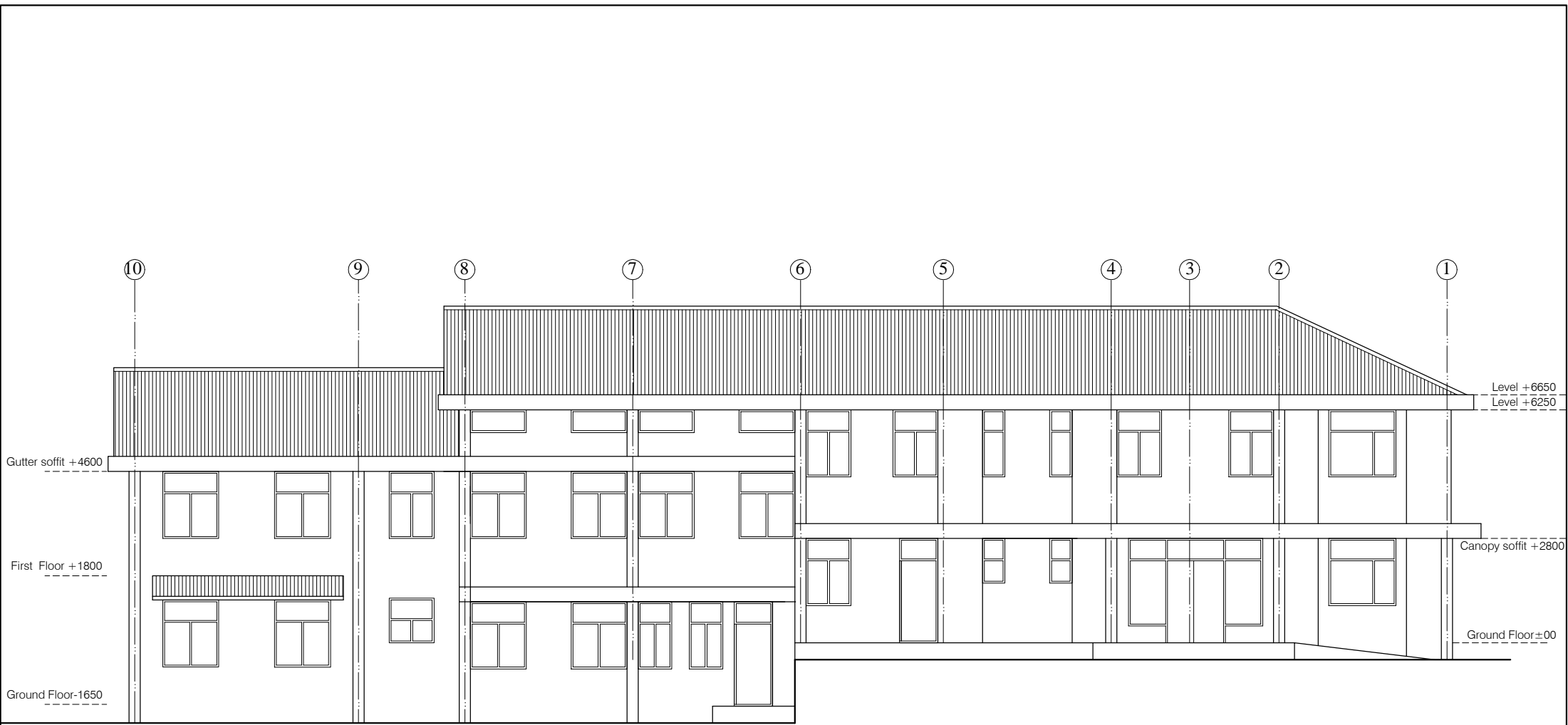
Date	29-12-16
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Scale 1:100

Architects

Drg. No.

05

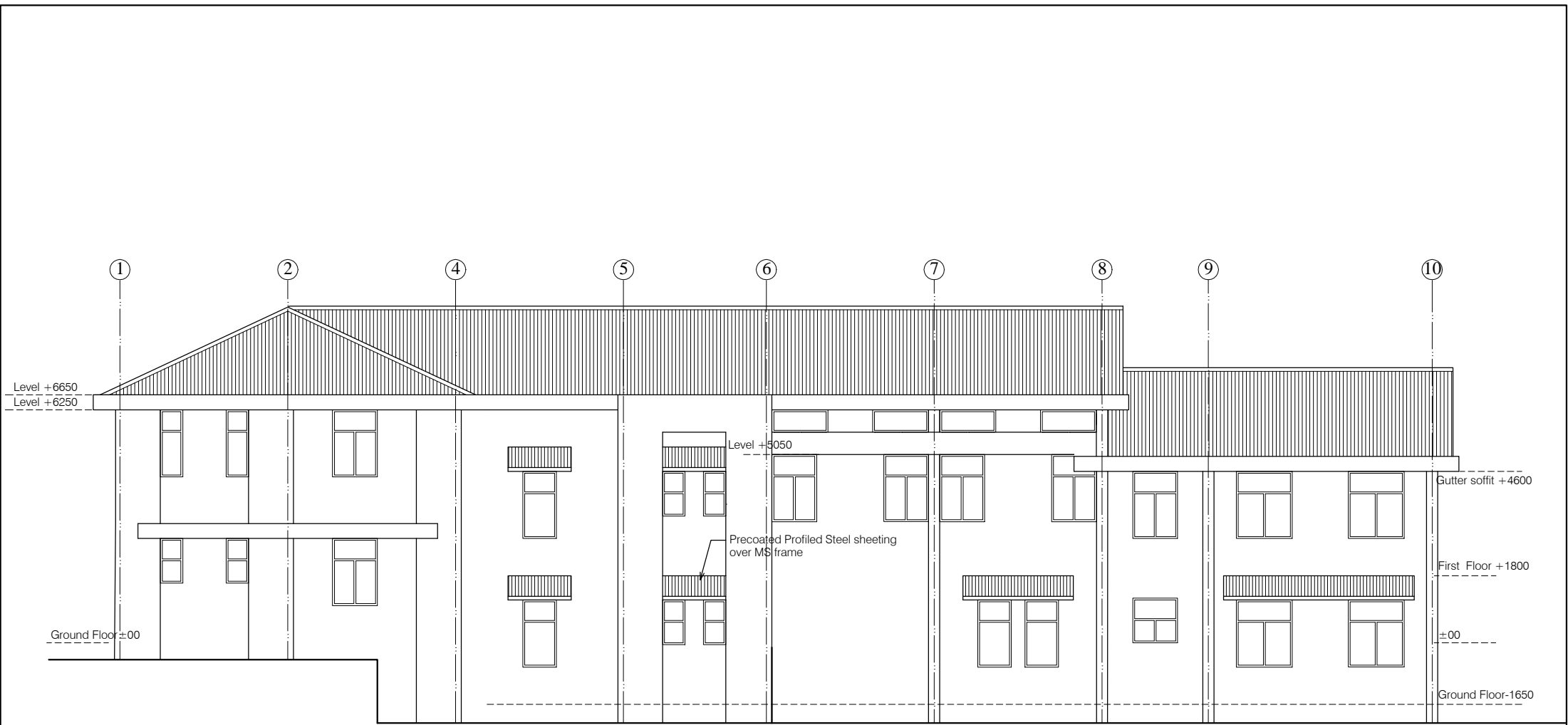


Grid - B (Entry side Elevation)

NOTES

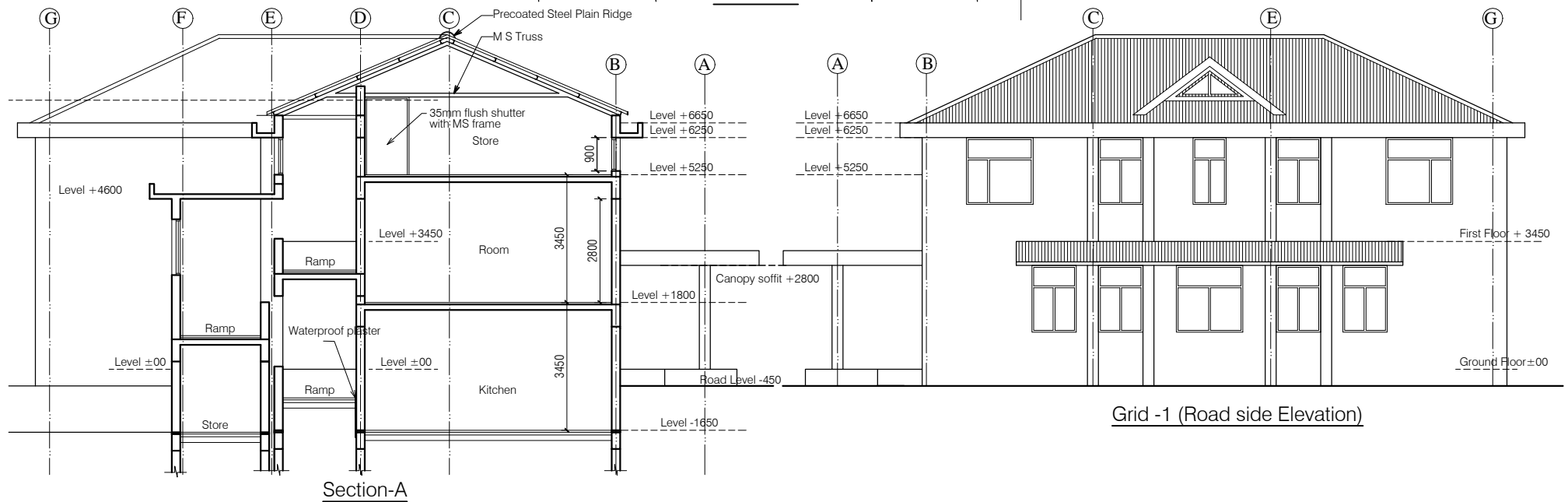
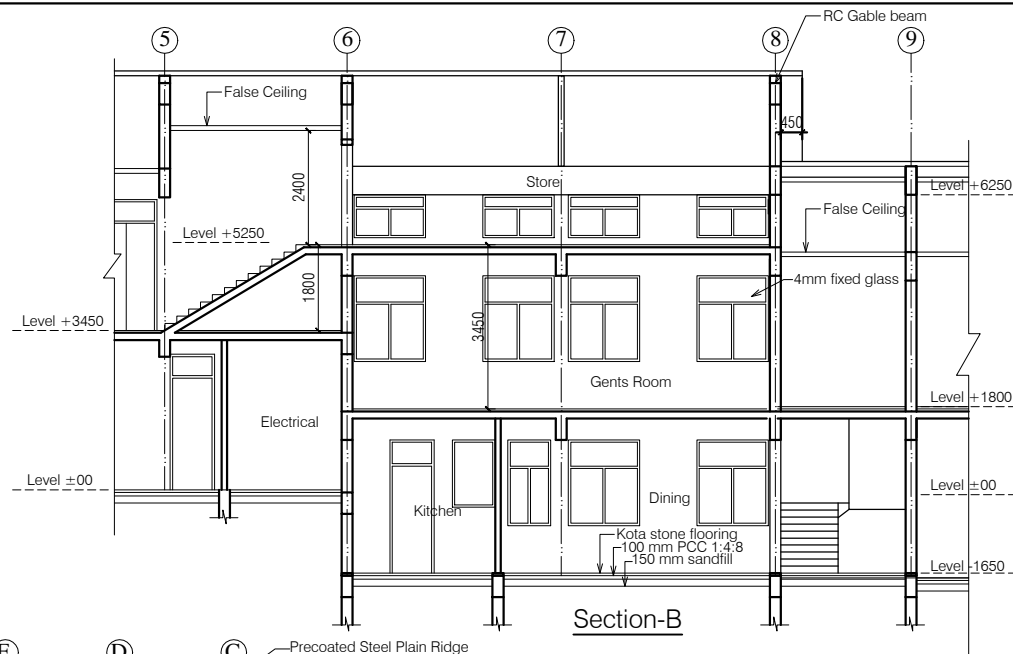
- 1. DRAWING TO BE READ AND NOT MEASURED.
- 2. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.

ANNEXURE - B (Civil Works)		
Project : CITY LIVELIHOOD CENTRE AT SUNDERNAGAR- DISTT-MANDI		
Sheet Title	Date	29-12-16
ELEVATION - 1	Scale	1:150
Architects	Drg. No.	
	06	



Grid -G (Existing ITI side Elevation)

NOTES 1. DRAWING TO BE READ AND NOT MEASURED. 2. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.		ANNEXURE - B (Civil Works)	
		Project : CITY LIVELIHOOD CENTRE AT SUNDERNAGAR- DISTT-MANDI	
		Sheet Title ELEVATION - 2	Date 29-12-16
		Architects	Scale 1:150
			Drg. No. 07



NOTES

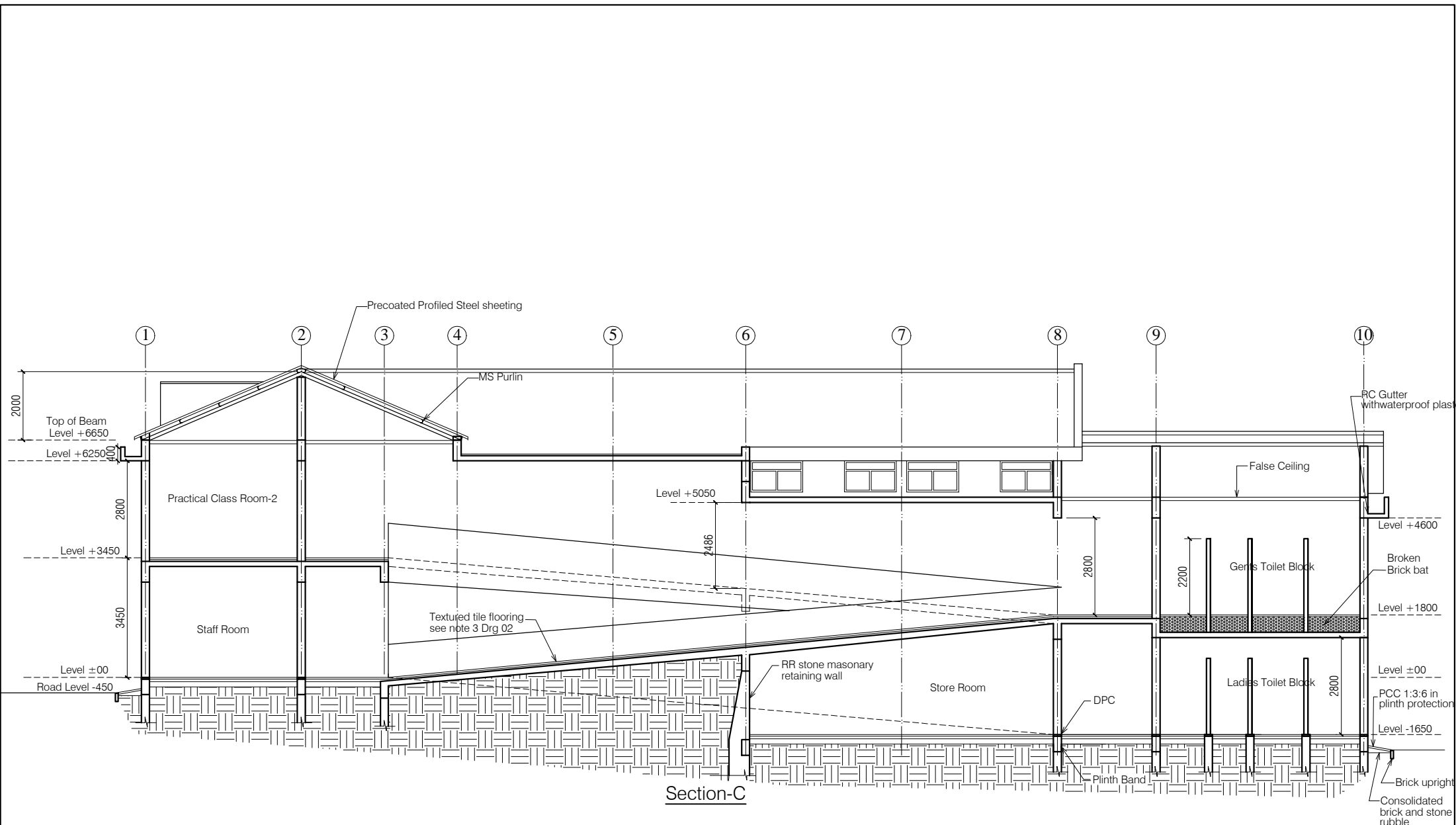
1. DRAWING TO BE READ AND NOT MEASURED.
2. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.

ANNEXURE - B (Civil Works)

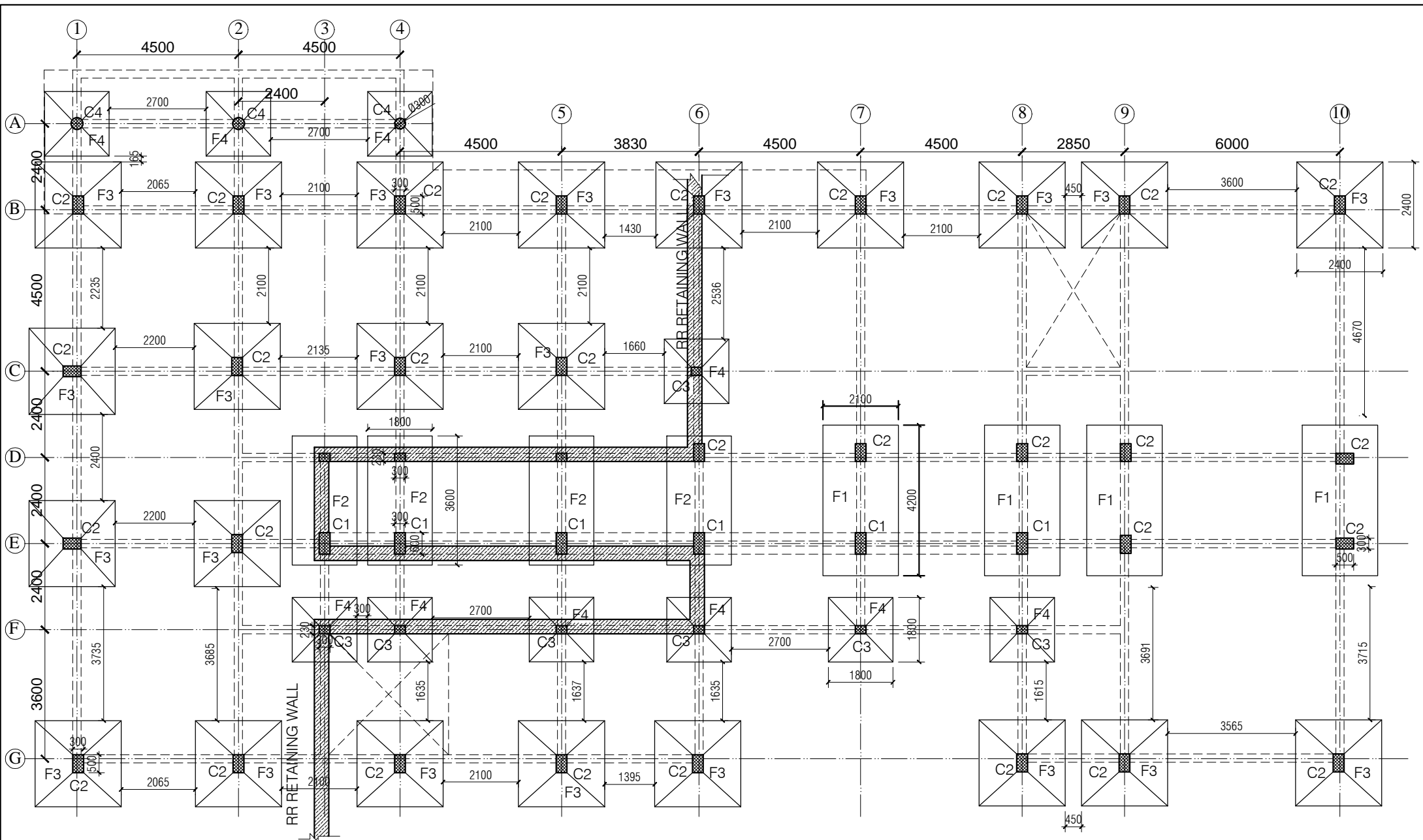
Project :
CITY LIVELIHOOD CENTRE
AT SUNDERNAGAR- DISTT-MANDI

Sheet Title	Date	29-12-16
SECTIONS & ELEVATION	Scale	1:165
Architects		Drg. No.

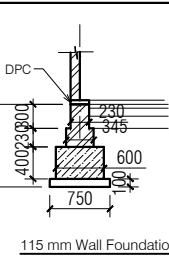
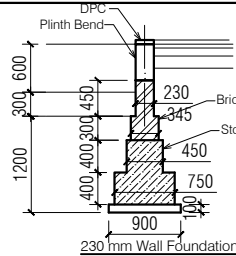
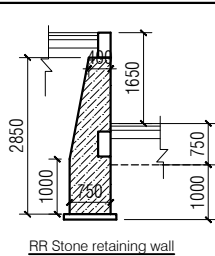
08



ANNEXURE - B (Civil Works)			
Project : CITY LIVELIHOOD CENTRE AT SUNDERNAGAR- DISTT-MANDI			
Sheet Title SECTION - CC		Date 29-12-16	
Architects		Scale 1:150	
		Drg. No.	09



- NOTES**
1. DRAWING TO BE READ AND NOT MEASURED.
 2. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED
 3. PLINTH BEAM SIZES ASSUMED 230MM X 450 MM



FOOTING SCHEDULE				
MKD.	L	B	H	
F1	4200	2100	500	
F2	3600	1800	500	
F3	2400	2400	250 /250	
F4	1800	1800	250 /250	

COLUMN SCHEDULE				
MKD.	L	B	H	
C1	600	300		
C2	500	300		
C3	300	230		
C4	300 Dia			

ANNEXURE - B (Civil Works)

Project : CITY LIVELIHOOD CENTRE
AT SUNDERNAGAR- DISTT-MANDI

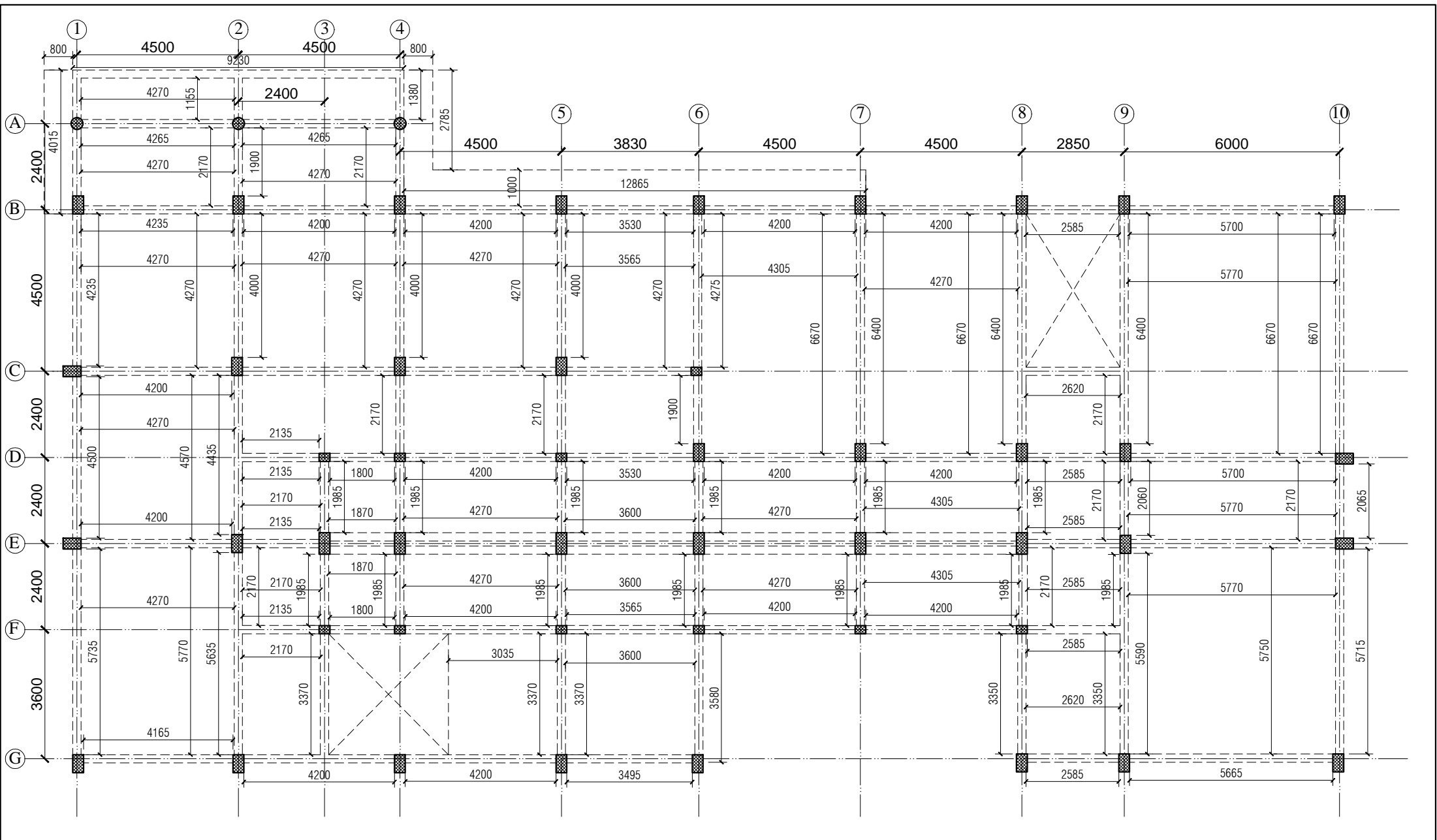
Sheet Title FOOTING PLAN

Architects

Date 29-19-16

Scale 1:150

Drg. No. 10



NOTES 1. DRAWING TO BE READ AND NOT MEASURED. 2. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED 3. FLOOR AND ROOF LEVEL BEAM SIZES ASSUMED 230MM X 600 MM		ANNEXURE - B (Civil Works)	
		Project : CITY LIVELIHOOD CENTRE AT SUNDERNAGAR- DISTT-MANDI	
		Sheet Title FRAMING PLAN	Date 29-12-16
		Architects	Scale 1:150
			Drg. No. 11

SPECIFICATION

<u>Reinforcement Cement Concrete (R.C.C.)</u>	Cement concrete 1:1.5:3 (One cement one and half sand : three graded stone aggregate 20nm nominal size)	<u>Aluminium Work</u>	Anodized aluminum work for doors, windows, ventilators and partitions with standard tubular sections appropriate z sections and other sections of approved make including necessary filling gaps at junctions at top bottom and sides with required PVC/neoprene/felt/ silicone sealant; aluminum sections shall be smooth rust free, straight mitred and jointed mechanically including cleat angle, snap beadingCP brass/ stainless steel screws complete as per drawings. Approved From this office.
<u>P.C.C.</u>	Cement concrete 1:4:8 (one cement: four sand: eight graded stone aggregate 40 mm nominal size)	<u>Doors Frame</u>	Angle iron door, window, clerestory window frame manufactured from steel section 40 x 40 x 6mm, including hinges jamb, lock jamb etc. Approved From this office.
<u>D.P.C.</u>	Damp Proof Course 50mm thick with cement concrete 1:2:4 (1 cement :2 sand:4 graded stone aggregate 20mm nominal size)	<u>Doors Shutter</u>	35 mm thick flush shutters, interior grade, commercial type, core of block board construction with frame of first class hard wood well matched commercial ply veneering , with vertical grains of cross ands and face veneers on both side. Approved From this office.
<u>Plinth Protection</u>	1- Plinth protection 50mm thick in cement concrete 1:3:6 (1 cement: 3 sand : 6 Graded stone aggregate 20mm nominal size)	<u>Windows Frame</u>	M.S. tubular frames for windows and ventilators with hollow section as approved including MS flats with 15x3 mm lugs 10 mm long with bolts and nuts as required including fixing of necessary butt hinges and screws. Approved From this office.
	2- Under layer for plinth protection of 75 mm thick (unconsolidated) bed of dry brick/ stone aggregate 40 mm nominal size rammed consolidated and grouted with fine sand including preparation of ground.	<u>Windows Shutter</u>	Steel glazed doors, windows and ventilators of standard rolled steel sections, z sections. Approved From this office.
	3- Brick edging (brick laid on edge) to plinth protection with bricks including grouting with cement mortar 1:4 (1 cement: 4 sand)	<u>Railing and Hand Rail</u>	Steel work welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of red lead paint. Approved From this office.
<u>Brick Work</u>	1- Second Class Brick work using common burnt clay building bricks in foundation and plinth & Superstructure above plinth level up to all levels. cement mortar 1:6 (1 Cement: 6 Sand)	<u>Sanitary Fixture</u> IWC	Ornssa Pattern vitreous china water closet squatting pan (Indian type W.C. pan) size 580 mm with foot rest and traps Approved From this office.
	2- Second Class Half brick work using common burnt Clay building bricks in super structure above plinth level up to floor all level using first class, building bricks in cement mortar 1:4 (1 cement : 4 sand)	EWC	Ordinary closet vitreous china wash ,down water closet (European type W.C. pan) with P or S traps Approved From this office.
<u>Flooring</u> Rooms and Corridors	40 mm thick kota stone slab flooring with 20 mm thick base of cement mortor 1:4 (one cement is to four sand) of size 55 x 55 cm.	Urinal	White vitreous flat back or wall corner type lipped front urinal basin of 430 x 260 x 350 mm and 340 x 430 x 265 mm size with automatic flushing cistern with all type fittings.
Manager's & Computer Room	Spartic ceramic tiles 5.5mm thick in flooring (300x300mm size) flooring laid on a bed of 12mm thick cement mortar 1:3(1 cement :3 sand)	Wash basin	550 mm x 400 mm flat back White vitreous china wash basin with single hole for pillar tap with C.I. or M.S. brackets. Approved From this office.
Stores	40 mm thick cement concrete flooring 1:2:4 (1 cement:2 sand:4 graded stone. aggregate 20 mm nominal size) laid one layer finished with a floating coat of neat cement.	<u>Electrical</u>	Concealed PVC wiring.all electrical fittings to be provided as per electrical layout plan. Approved From this office.
<u>Dado & Skirting</u> Rooms and Corridors	Kota stone slab 25 mm thick in risers of steps ,skirting dado laid on 12 mm (average) thick cement mortar 1:3 (one cement is to three sand)		
Manager's & Computer Room	Vitrified tiles (300x300mm x 8mm) in grey/colour of required shade in skirting, risers of steps and dados laid over 12mm thick cement mortar 1 :3(1 cement :3sand)		
Stores	22 mm thick cement plaster skirting in all heights with cement mortar 1 :3 (1 cement: 3 sand)		
<u>Roofing</u>	0.60 mm thick prepainted steel sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyster (RNP) complete with all accessories as required.including Ridge or hips and Valley as required. Approved From this office.		
<u>Pastering</u> Ceiling plaster	6 mm thick cement plaster with cement mortar 1:3 (1 cement :3 Sand).		
Internal & External Plaster	15 mm thick cement plaster Fair and rough side with cement mortar 1:6 (1 cement :6 Sand). Approved From this office.		
<u>Painting</u> Ceiling paint	Distempering with dry distemper of approved brand and manufacture (two coats) on decorated wall surfaces to give an even shade.		
Internal paint	Wall painting (two coats) with acrylic emulsion paint of approved brand and manufacture for interior grade. Approved From this office.		
External paint	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or its equivalant on undecorated wall surfaces (two coats) to give an even shade. Approved From this office.		

ANNEXURE - B (Civil Works)

Project :

CITY LIVELIHOOD CENTRE
AT SUNDERNAGAR- DISTT-MANDI

Sheet Title

SPECIFICATION

Date 29-12-16

Drawn By -

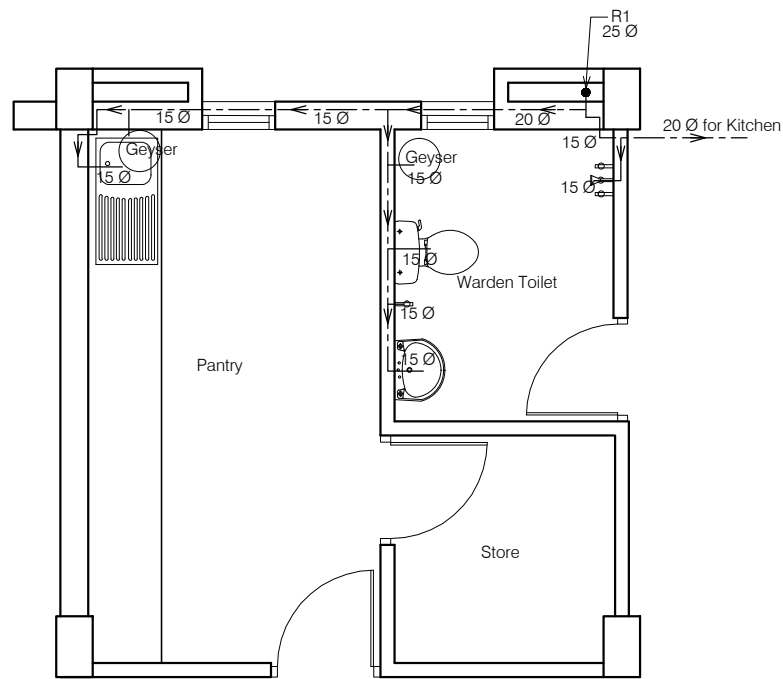
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Checked By -

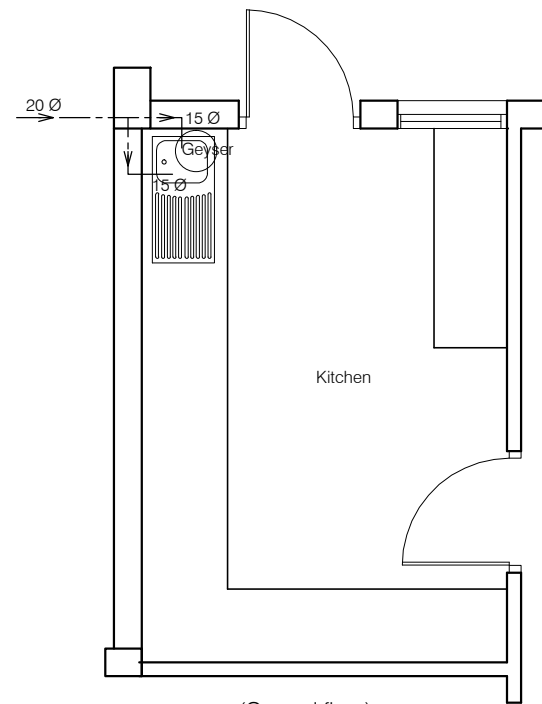
Architected

Drg. No.

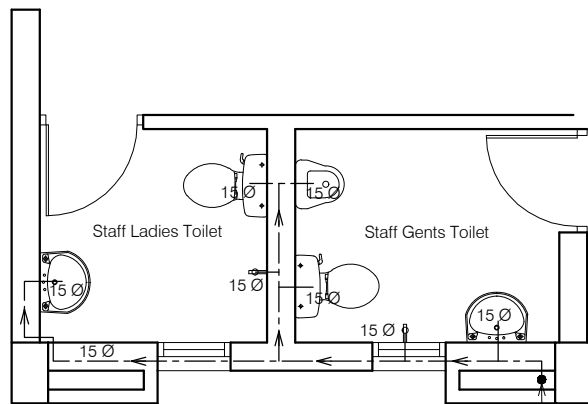
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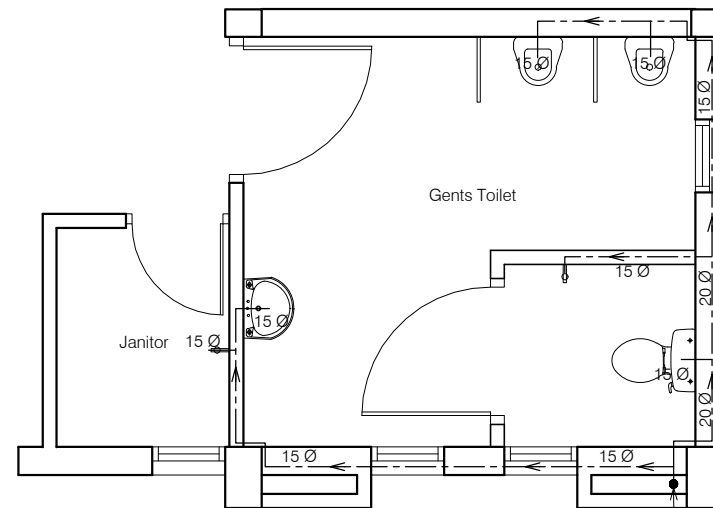
(Ground floor)



(Ground floor)

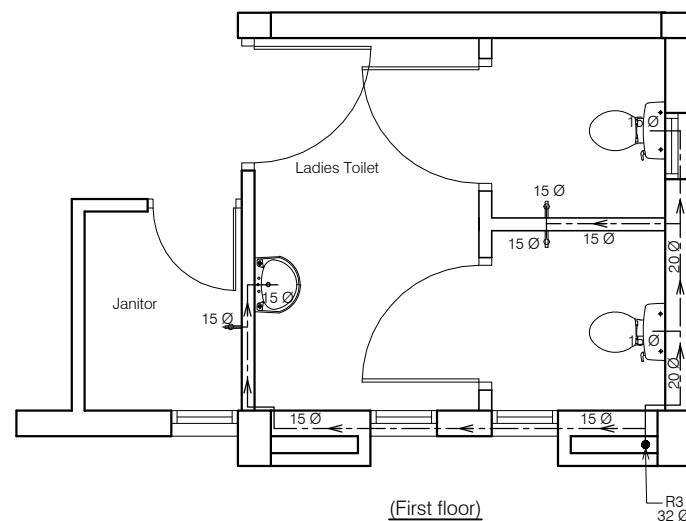
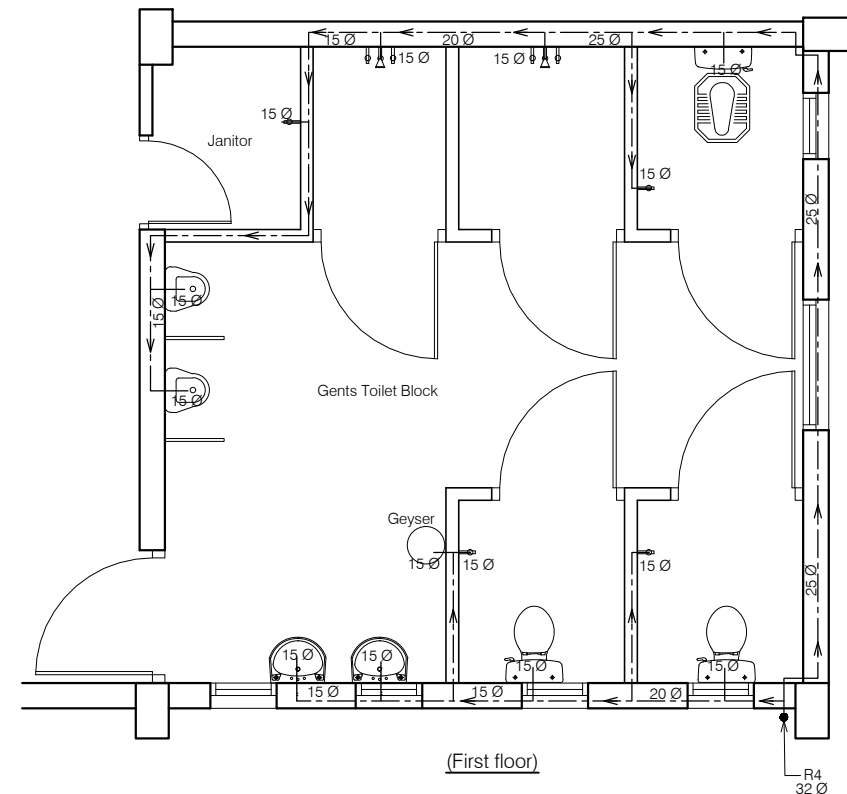
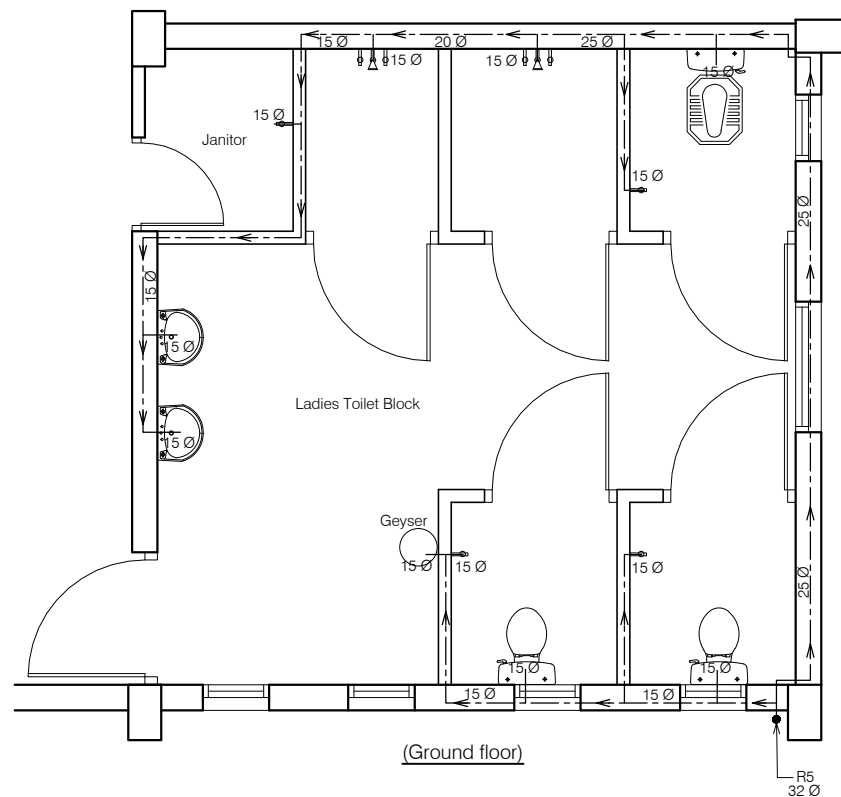


(Ground floor)

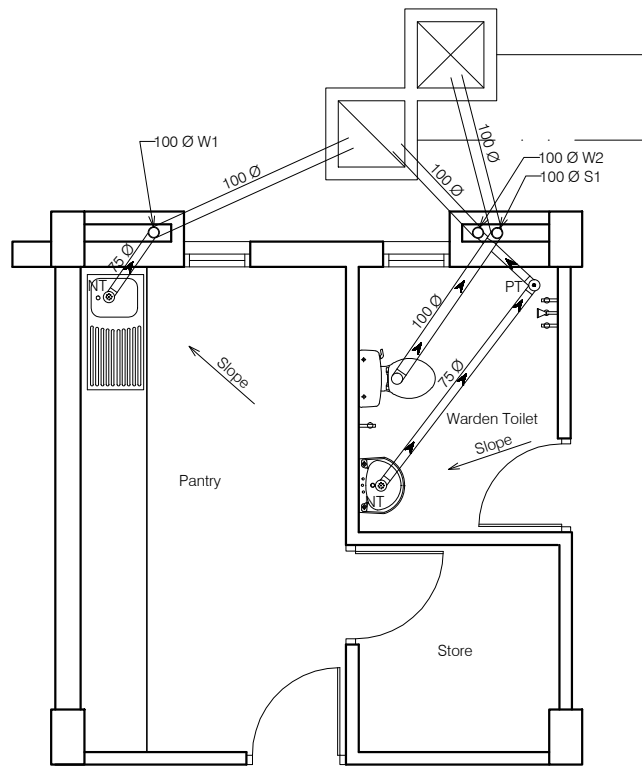


(Ground floor)

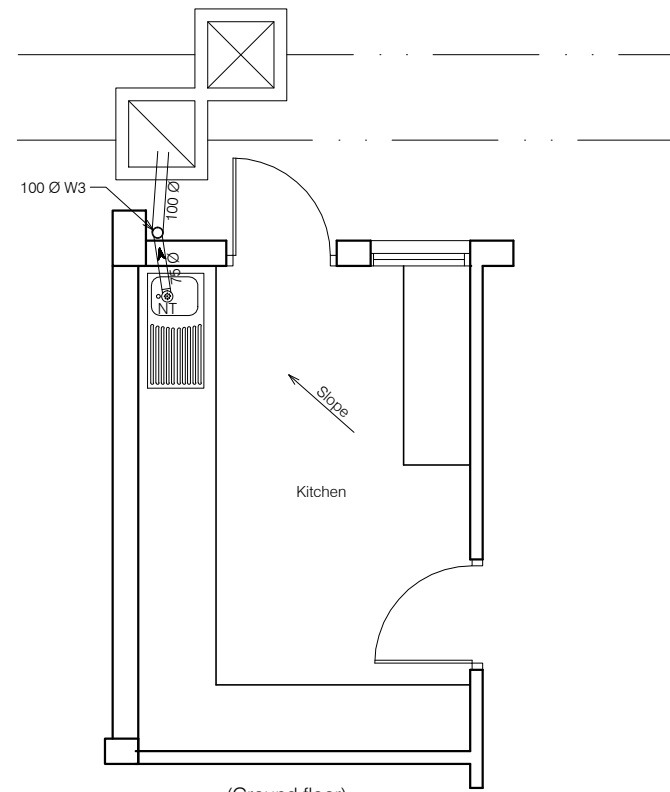
ANNEXURE - C (Sanitary Works)		
Project : CITY LIVELIHOOD CENTRE AT SUNDERNAGAR- DISTT-MANDI		
Sheet Title	Date 08-09-16	Drawn By -
SANITARY -WATER SUPPLY	Scale 1:60	Checked By -
Architects		Drg. No.
		13



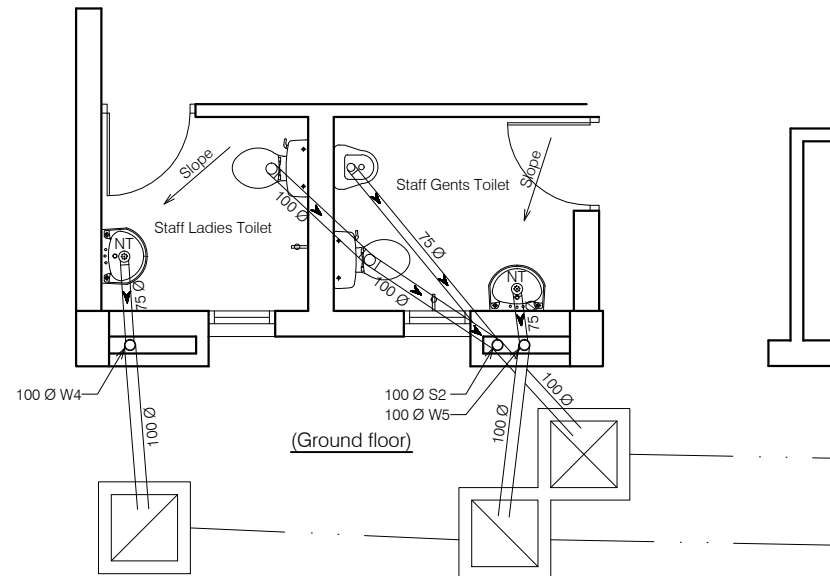
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Project : CITY LIVELIHOOD CENTRE AT SUNDERNAGAR- DISTT-MANDI		
Sheet Title SANITARY -WATER SUPPLY	Date 08-09-16	Drawn By -
	Scale 1:60	Checked By -
Architects	Drg. No. 14	



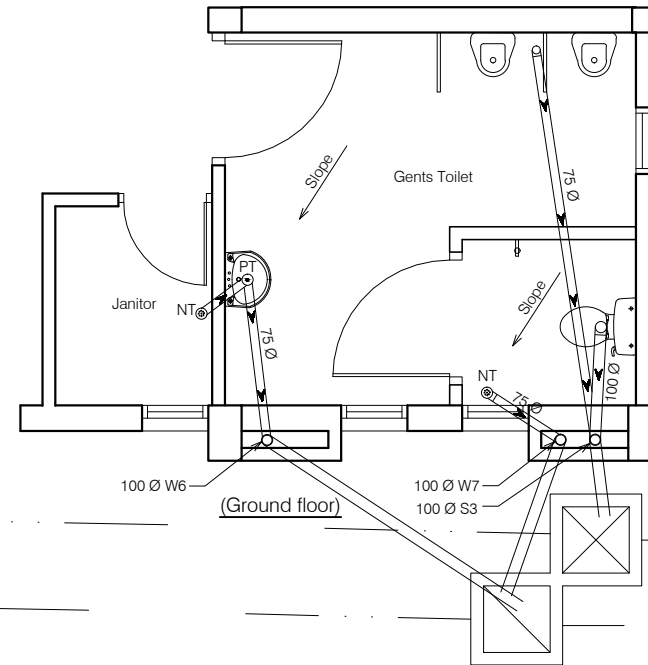
(Ground floor)



(Ground floor)

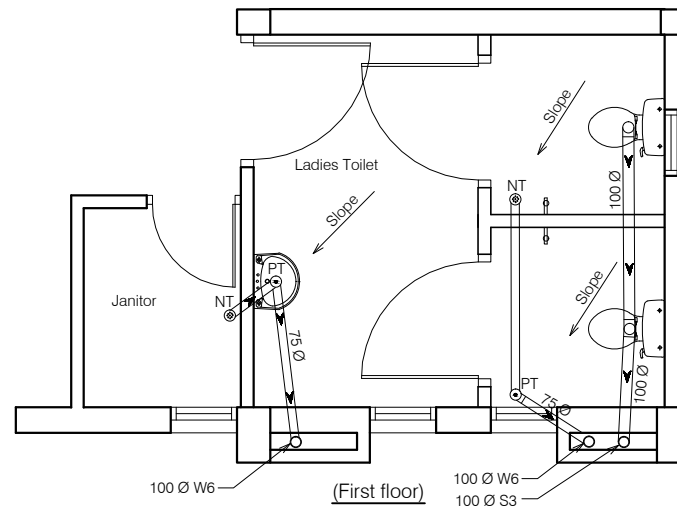
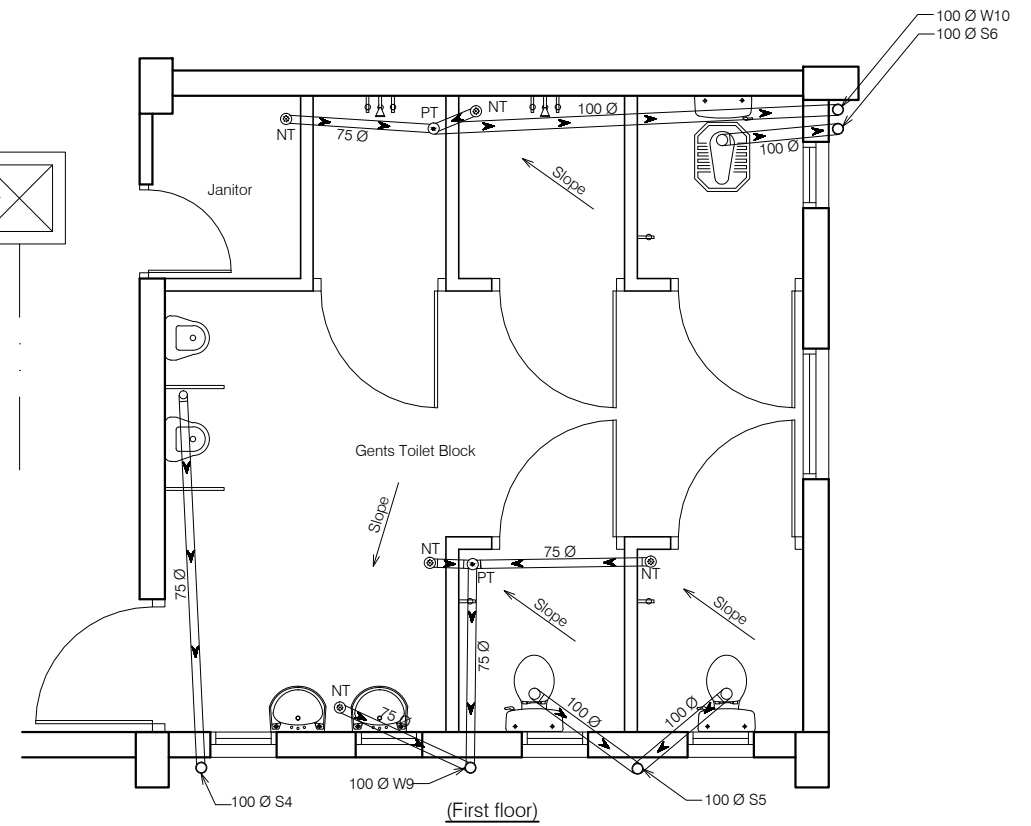
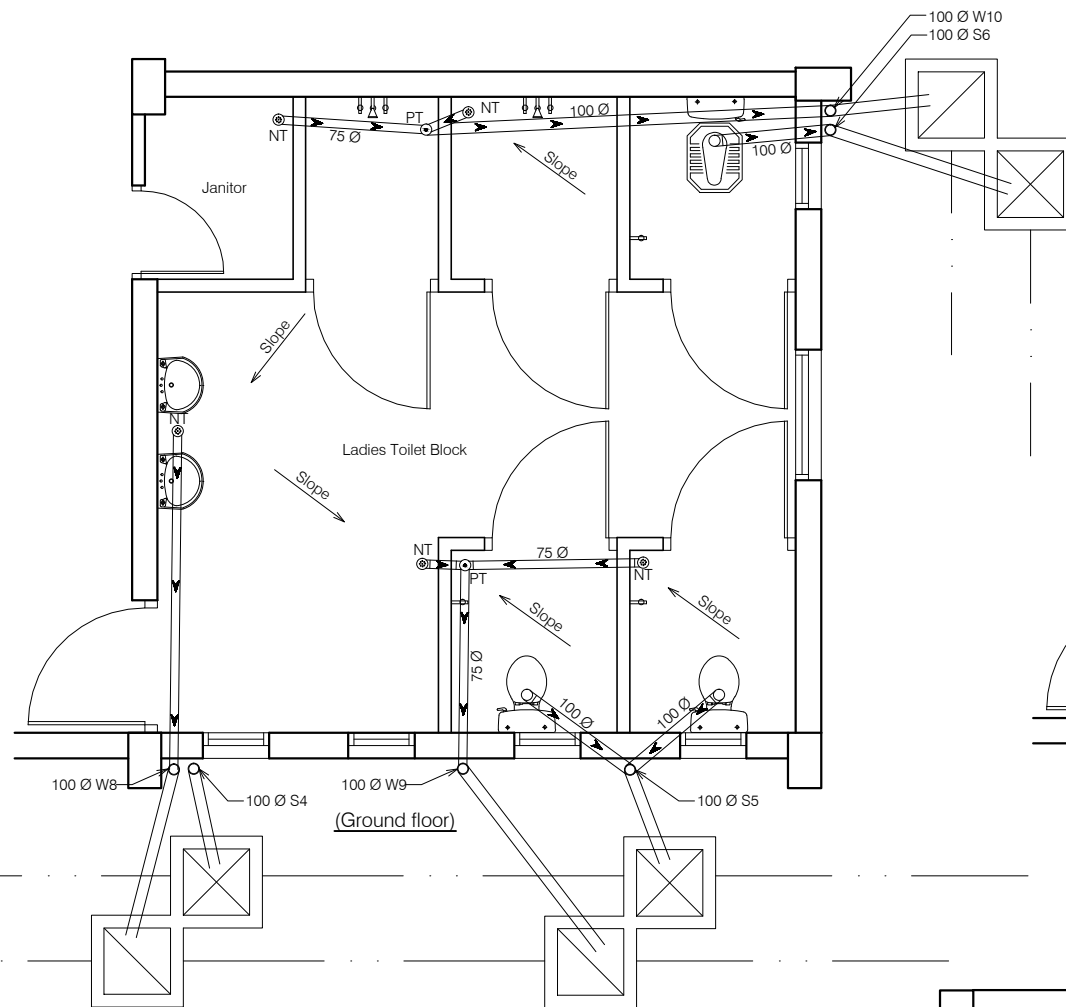


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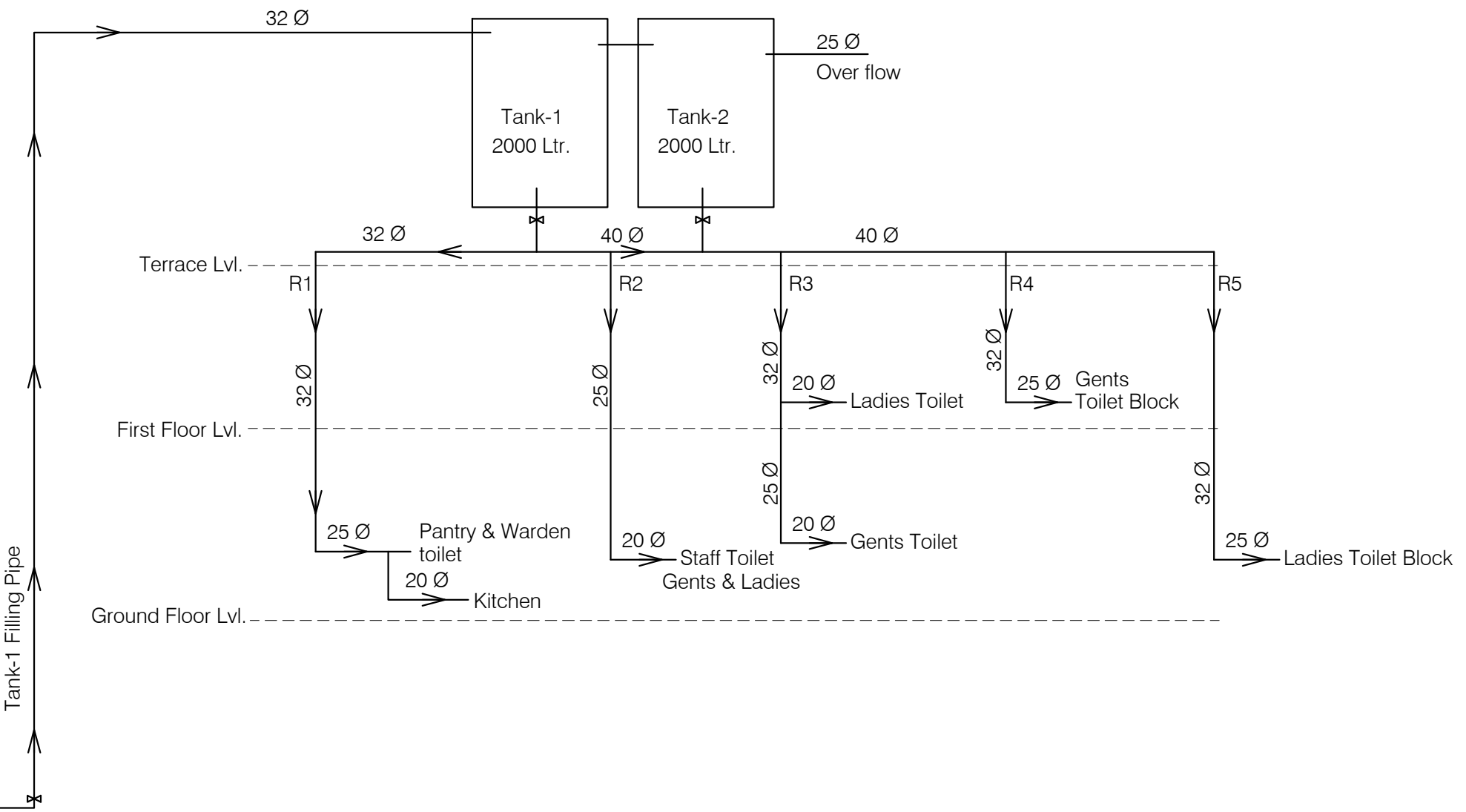


(Ground floor)

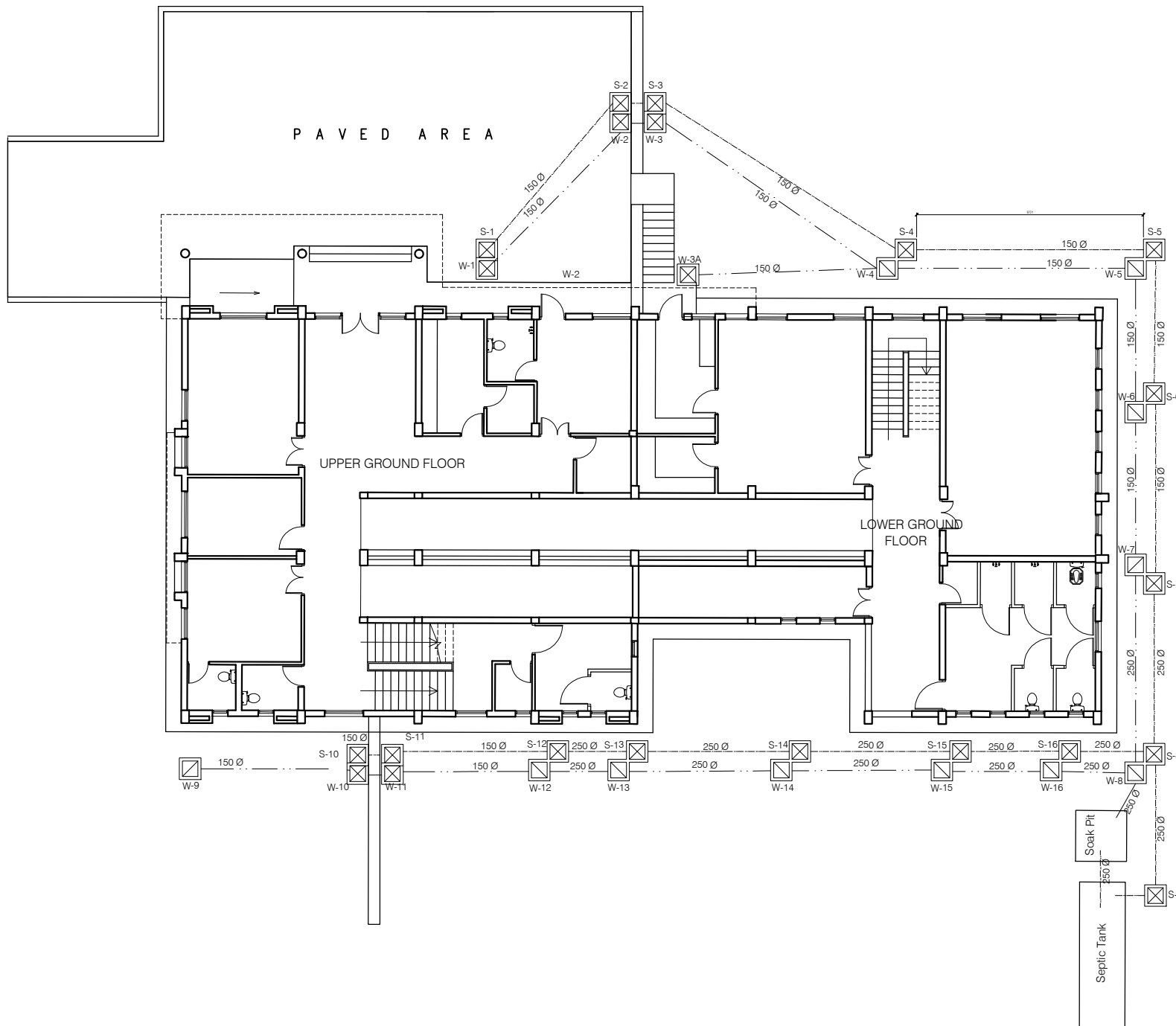
ANNEXURE - C (Sanitary Works)		
Project : CITY LIVELIHOOD CENTRE AT SUNDERNAGAR- DISTT-MANDI		
Sheet Title	Date : 08-09-16	Drawn By -
SANITARY -PLUMBING	Scale : 1:60	Checked By -
Architects		Drg. No.
		15



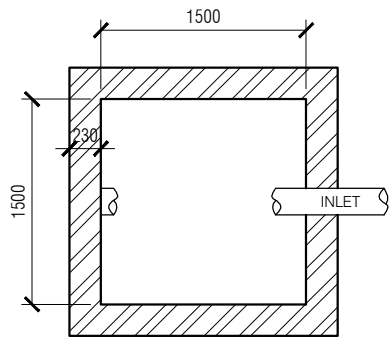
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Project : CITY LIVELIHOOD CENTRE AT SUNDERNAGAR- DISTT-MANDI		
Sheet Title	Date 08-09-16	Drawn By -
SANITARY -PLUMBING	Scale 1:60	Checked By -
Architects		Drg. No.
		16



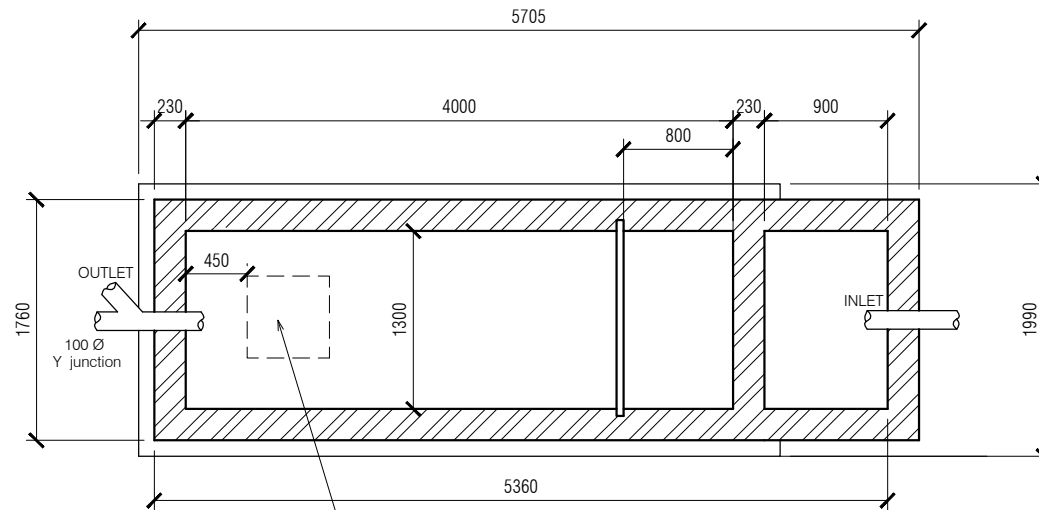
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Project : CITY LIVELIHOOD CENTRE AT SUNDERNAGAR- DISTT-MANDI		
Sheet Title SANITARY -SINGLE LINE DIAGRAM	Date 28-12-16	Drawn By -
	Scale	Checked By -
Architects		Drg. No.
		17



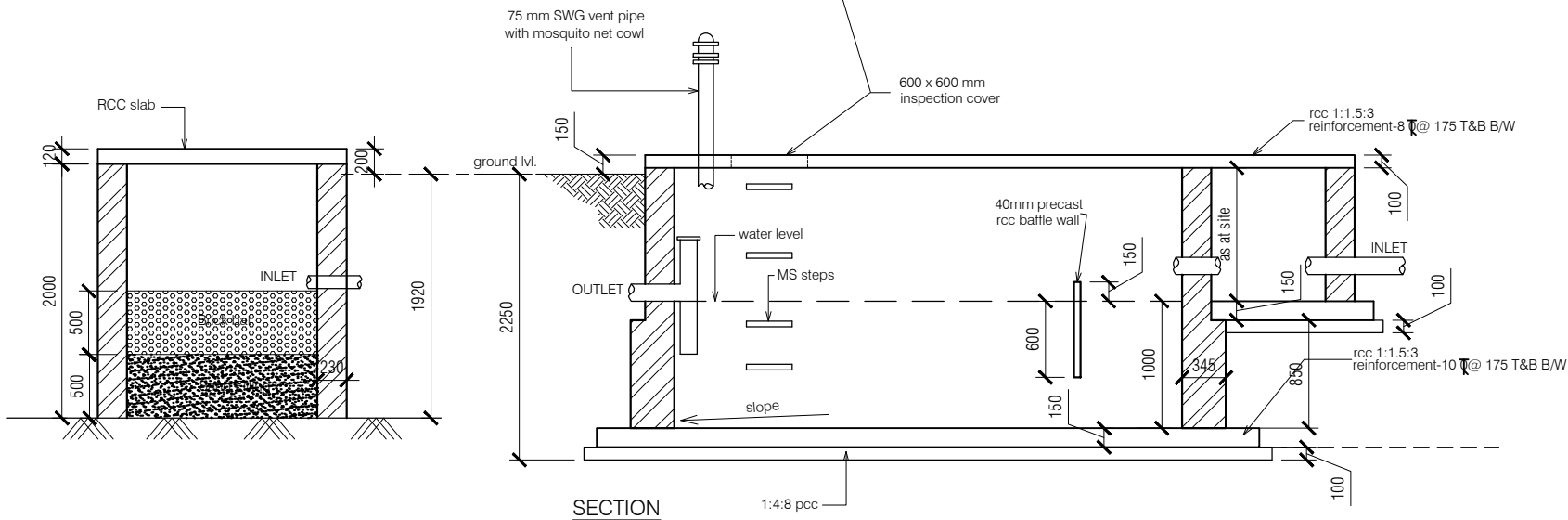
ANNEXURE - C (Septic Tank)			
Project : CITY LIVELIHOOD CENTRE AT SUNDERNAGAR- DISTT-MANDI			
Sheet Title		Date	29-12-16
S I T E P L A N		Scale	1:225
Architects		Drg. No.	
		18	



PLAN OF SOAK PIT



PLAN OF SEPTIC TANK



SECTION

NOTES:

1. DRAWING TO BE READ AND NOT MEASURED.
2. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
3. SANITARY DRAWINGS SHALL BE READ IN CONJUNCTION WITH SITE DEVELOPMENT DRAWINGS AND ANY DISCREPANCY OBSERVED SHALL BE REPORTED TO THE ARCHITECT.
4. ALL INNER AND OUTER WALLS TO BE FINISHED WITH WATER PROOF PLASTER.

ANNEXURE - C (Septic Tank)

Project :
Septic Tank and Soak Pit

Sheet Title
PLAN & SECTION

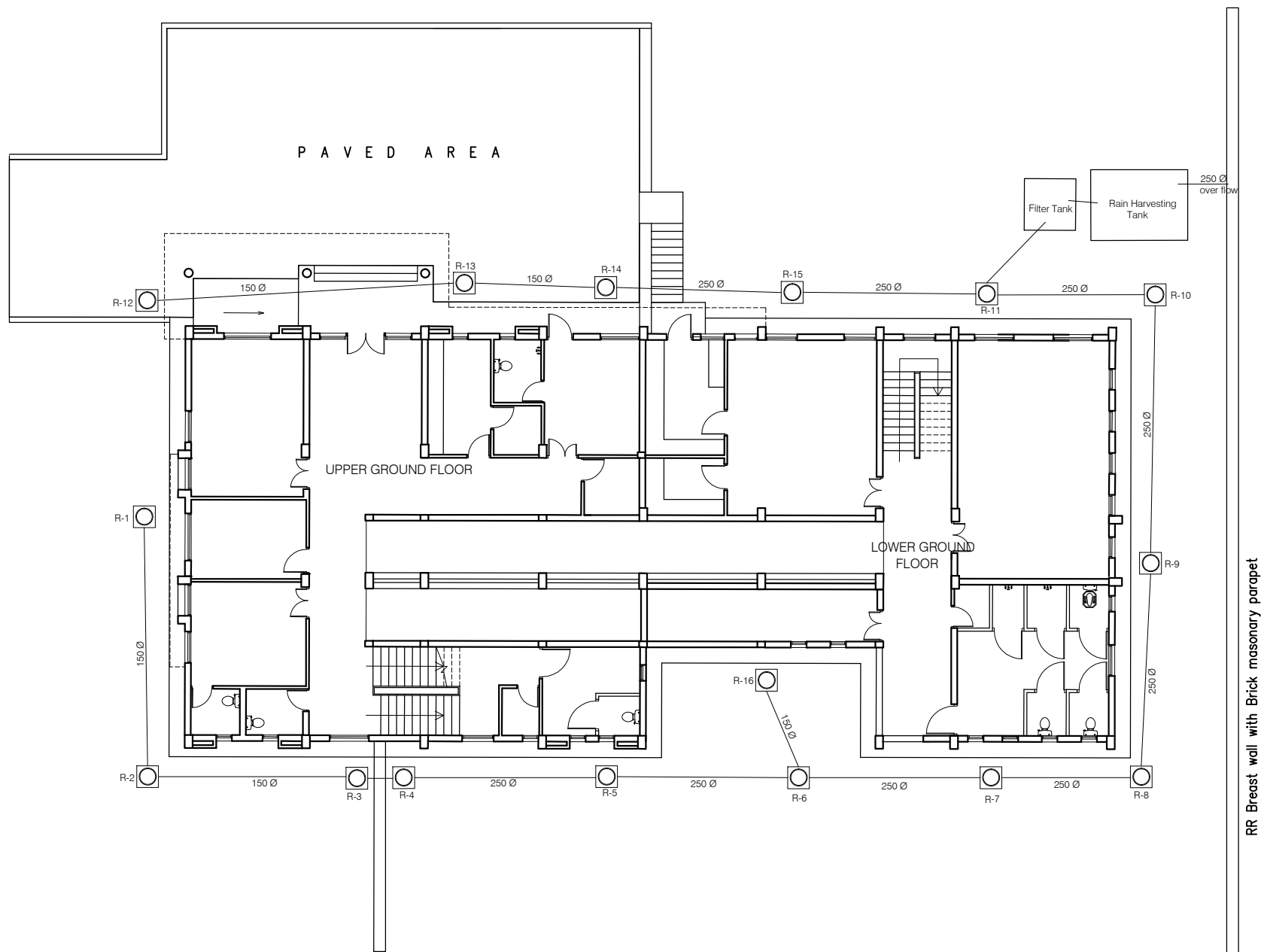
Date 28-12-16 Drawn By -

Scale 1:50 Checked By -

Architects

Org. No.

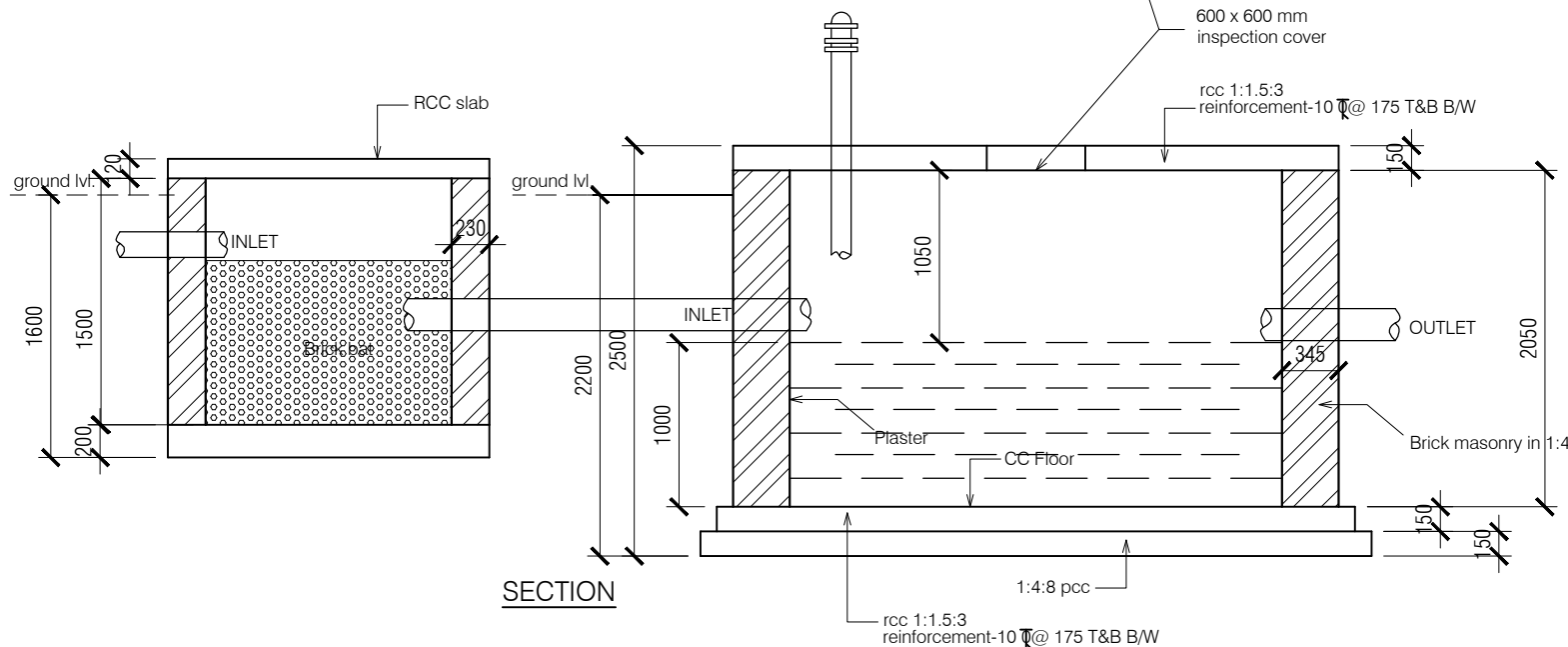
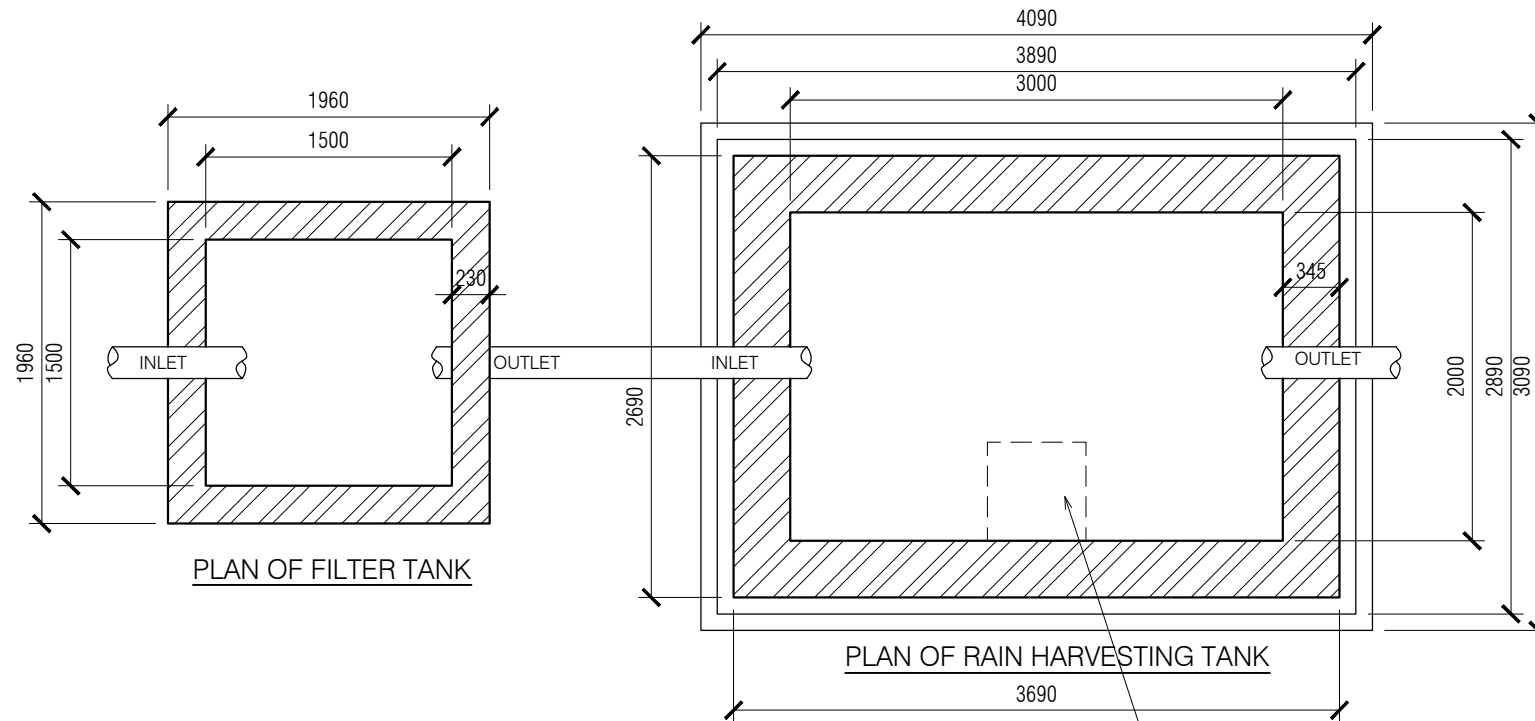
19



ANNEXURE - D (Rain water Harvesting)		
Project : CITY LIVELIHOOD CENTRE AT SUNDERNAGAR- DISTT-MANDI		
Sheet Title	Date	29-12-16
S I T E P L A N	Scale	1:225
Architects		Drg. No.
		20

NOTES:

1. DRAWING TO BE READ AND NOT MEASURED.
2. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
3. SANITARY DRAWINGS SHALL BE READ IN CONJUNCTION WITH SITE DEVELOPMENT DRAWINGS AND ANY DISCREPANCY OBSERVED SHALL BE REPORTED TO THE ARCHITECT.
4. ALL INNER AND OUTER WALLS TO BE FINISHED WITH WATER PROOF PLASTER.



ANNEXURE - D (Rain water Harvesting)

Project :

Rain Harvesting Tank

Sheet Title
PLAN & SECTION

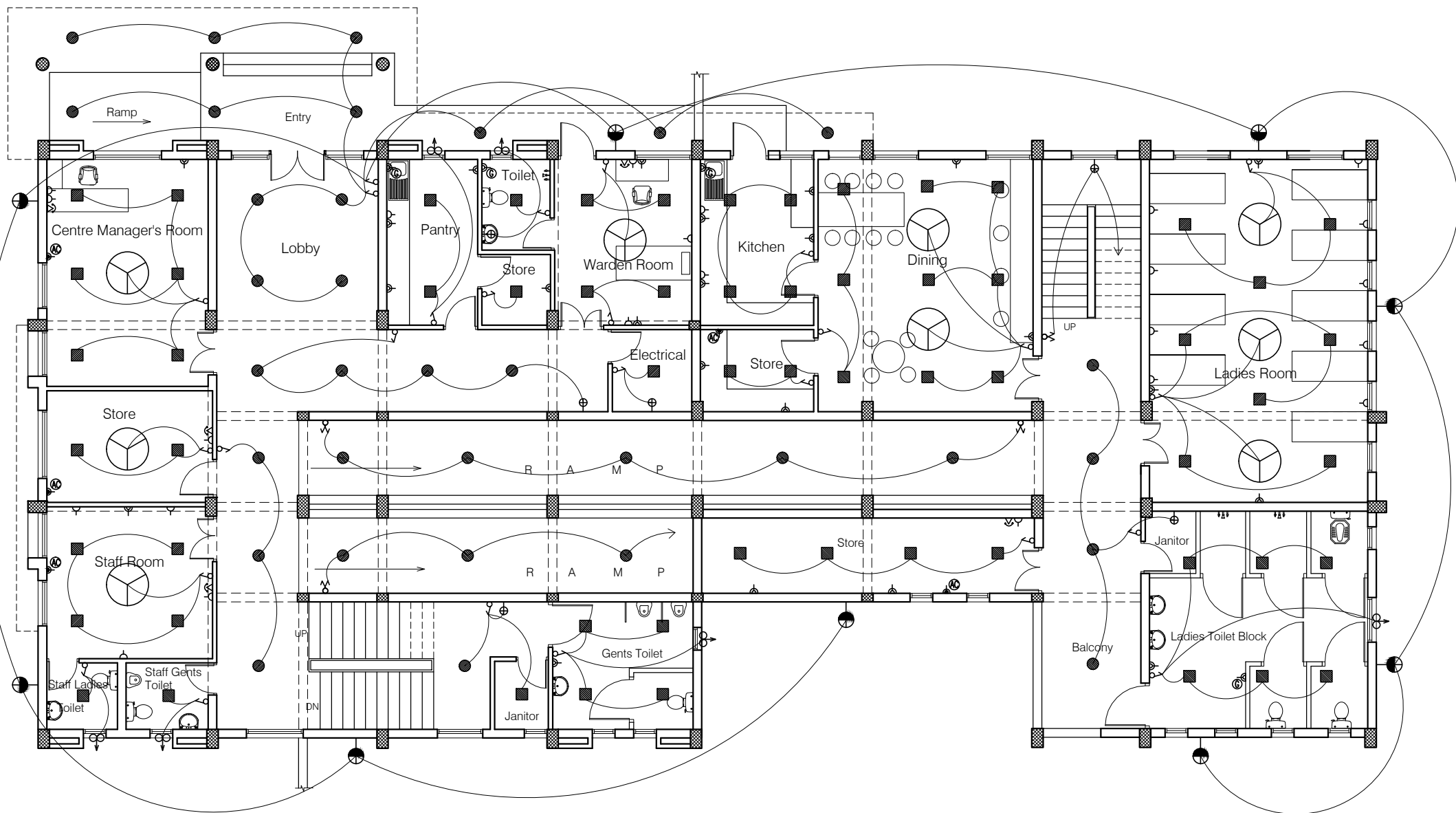
Date 28-12-16 Drawn By -

Scale 1:50 Checked By -

Architects

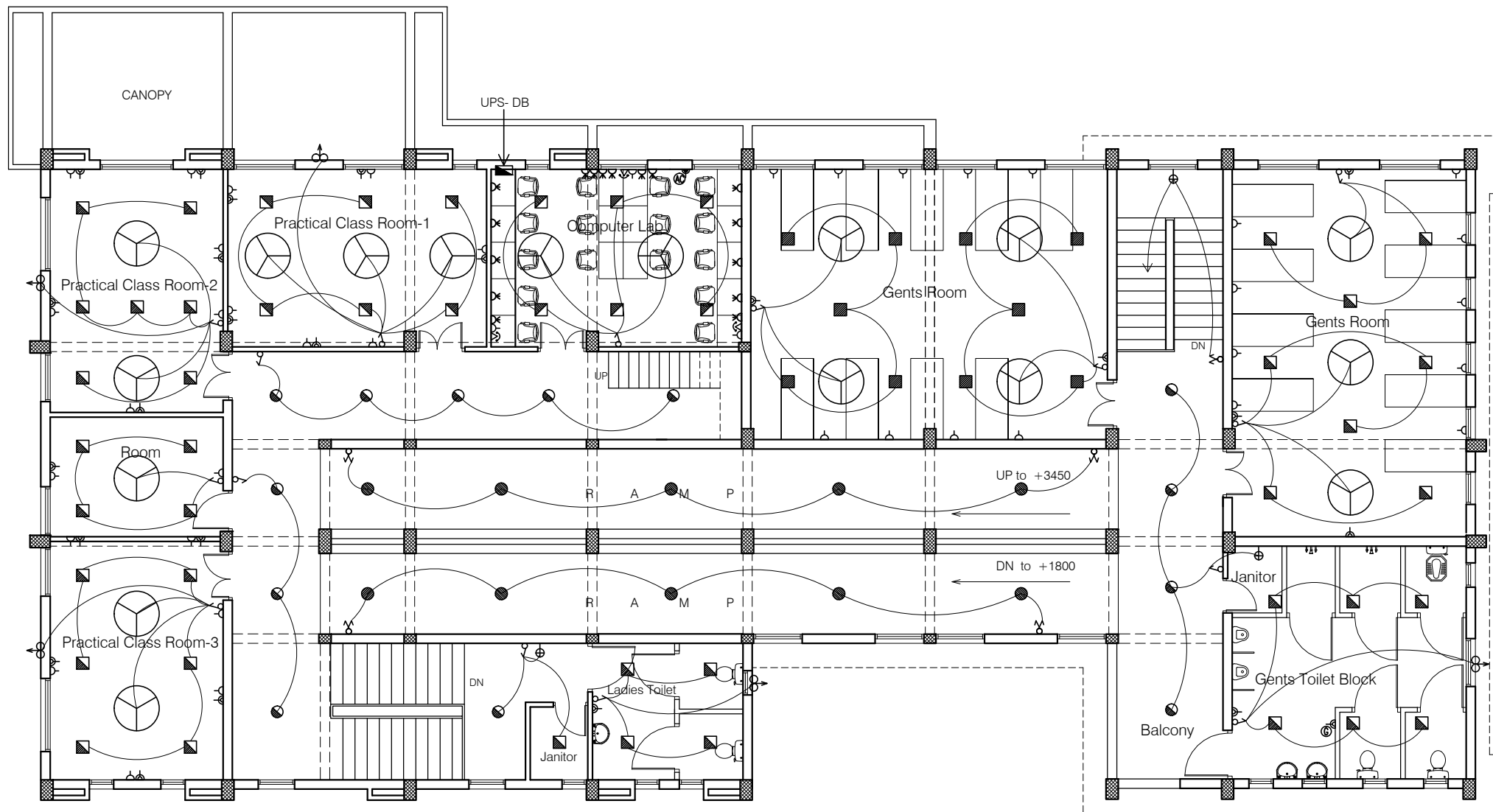
Drg. No.

21



SYMBOL		DESCRIPTION		SYMBOL		DESCRIPTION	
		CONTROL SWITCH BOARD				BRACKET LIGHT - (Code-2701)	
		TWO WAY CONTROL SWITCH BOARD				EXHAUST FAN	
		6A SWITCH SOCKET OUTLET				TELEPHONE OUTLET	
		16A SWITCH SOCKET OUTLET				BULK HEAD CFL - (Code-2711)	
		CEILING FAN				26W CFL POST TOP	
		LCDSP-L-18-CDL (Crompton)				20ASPN SWITCH SOCKET FOR AC	
		LCDSP-R-12-CDL (Crompton)				20A SWITCH SOCKET OUTLET FOR GEYSER	
		LSCSM-18W-CDL/NW/WW (Crompton)				2-SOCKET -6A AND, 1-SWITCH ON UPS	
		LSCRM-12W-CDL/NW/WW (Crompton)					

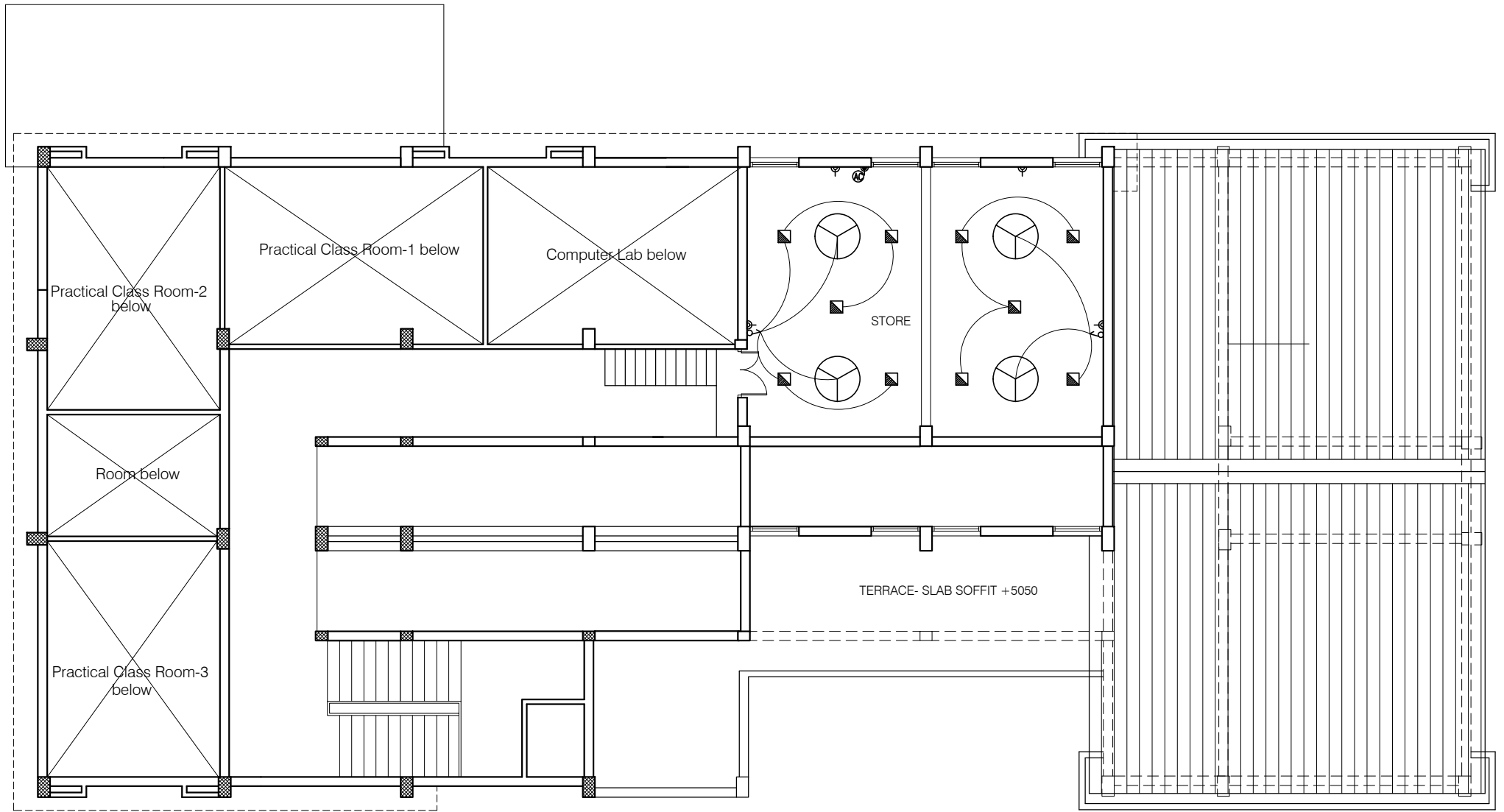
Project :		CITY LIVELIHOOD CENTRE AT SUNDERNAGAR- DISTT-MANDI	
Sheet Title		GROUND FLOOR PLAN	
Architects		Date 29-12-16 Scale 1:150	
		Drg. No. 01	



SYMBOL	DESCRIPTION
	CONTROL SWITCH BOARD
	TWO WAY CONTROL SWITCH BOARD
	6A SWITCH SOCKET OUTLET
	16A SWITCH SOCKET OUTLET
	CEILING FAN
	LCDSP-L-S-18-CDL (Crompton)
	LCDSP-L-R-12-CDL (Crompton)
	LSCSM-18W-CDL/NW/WW (Crompton)
	LSCRM-12W-CDL/NW/WW (Crompton)

SYMBOL	DESCRIPTION
	BRACKET LIGHT - (Code-2701)
	EXHAUST FAN
	TELEPHONE OUTLET
	BULK HEAD CFL - (Code-2711)
	26W CFL POST TOP
	20ASPN SWITCH SOCKET FOR AC
	20A SWITCH SOCKET OUTLET FOR GEYSER
	2-SOCKET -6A AND, 1-SWITCH ON UPS

Project : CITY LIVELIHOOD CENTRE AT SUNDERNAGAR- DISTT-MANDI		
Sheet Title FIRST FLOOR PLAN	Date	29-12-16
	Scale	1:150
Architects	Drg. No. 02	



SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	CONTROL SWITCH BOARD		BRACKET LIGHT - (Code-2701)
	TWO WAY CONTROL SWITCH BOARD		EXHAUST FAN
	6A SWITCH SOCKET OUTLET		TELEPHONE OUTLET
	16A SWITCH SOCKET OUTLET		BULK HEAD CFL - (Code-2711)
	CEILING FAN		26W CFL POST TOP
	LCDSPL-S-18-CDL (Crompton)		20ASPN SWITCH SOCKET FOR AC
	LCDSPL-R-12-CDL (Crompton)		20A SWITCH SOCKET OUTLET FOR GEYSER
	LSCSM-18W-CDL/NW/WW (Crompton)		2-SOCKET -6A AND, 1-SWITCH ON UPS
	LSCRM-12W-CDL/NW/WW (Crompton)		

Project : CITY LIVELIHOOD CENTRE AT SUNDERNAGAR- DISTT-MANDI	
Sheet Title LOWER ROOF PLAN	Date 29-12-16
Architects	Scale 1:150
	Drg. No. 03

SUPPORTING SKILL DEVELOPMENT IN HIMACHAL PRADESH

PROPOSAL FOR DEVELOPMENT OF CITY LIVELIHOOD CENTRE AND PRODUCTION CENTRE AT SADAYANA

14th July 2016

SADAYANA IN MANDI DISTT
(31.715634 76.908294)
DEPARTMENT OF RURAL DEVELOPMENT



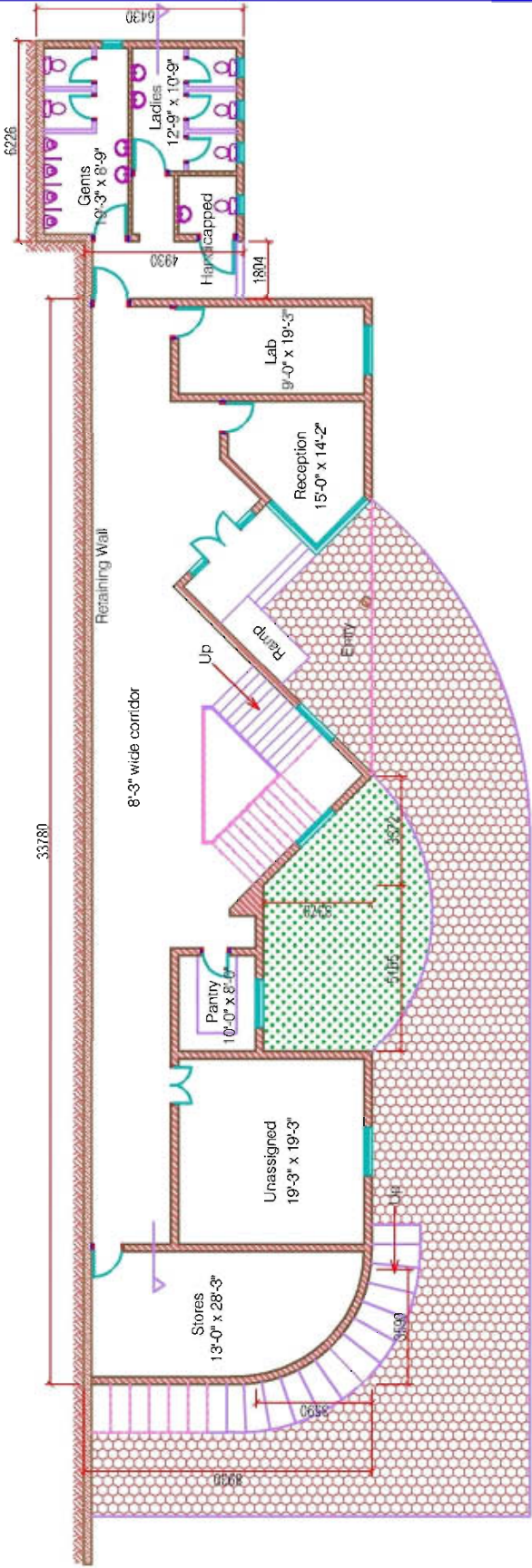
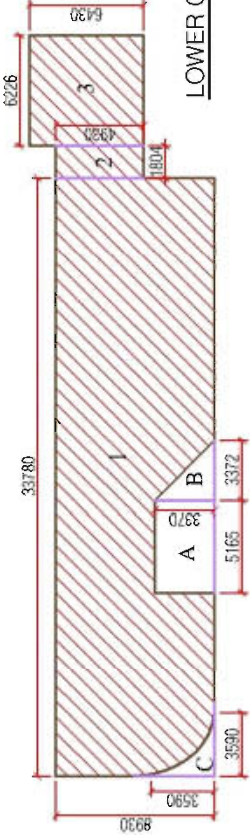
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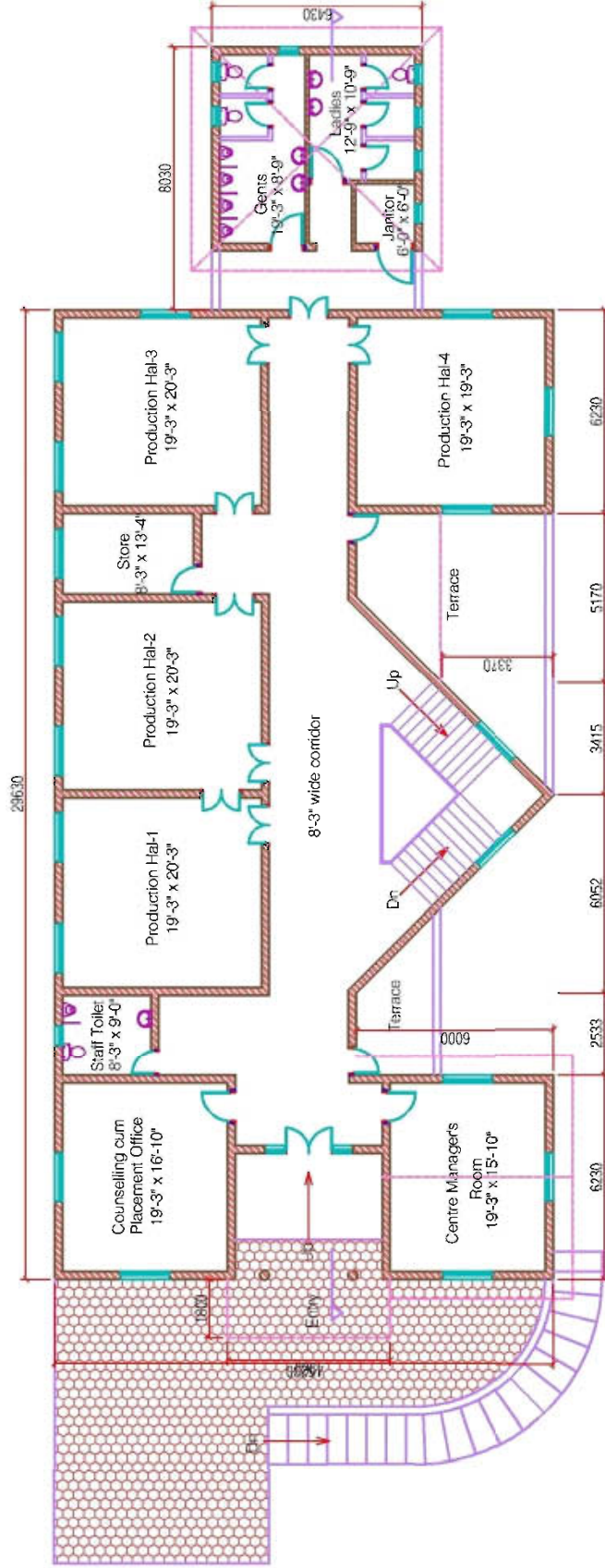
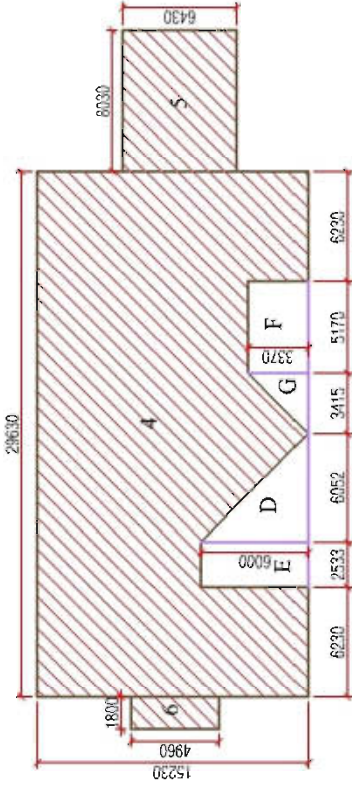
SITE VIEW , EXISTING PATH LEVEL WILL FORM UPPER GROUND FLOOR



VIEW OF SITE SHOWING TWO LEVELS

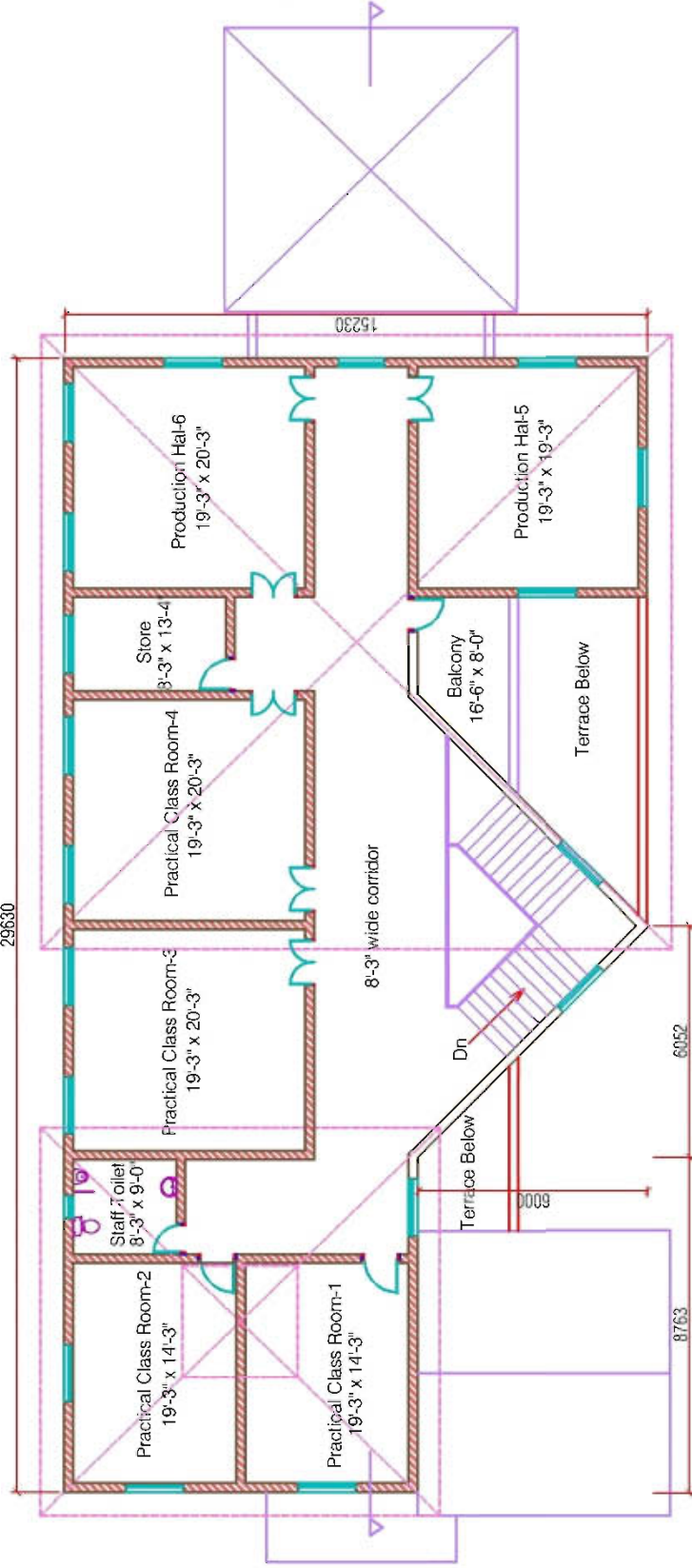
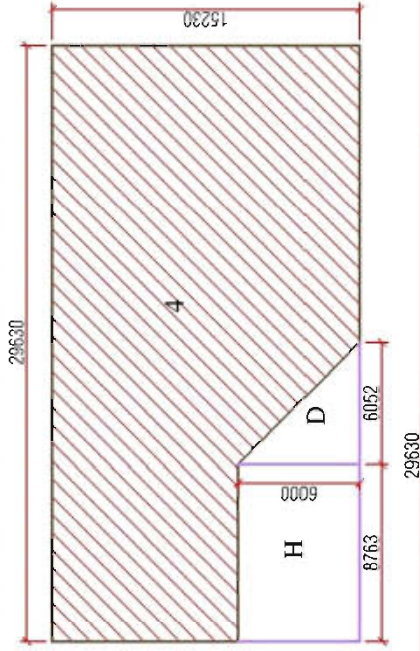


UPPER GROUND FLOOR KEY PLAN



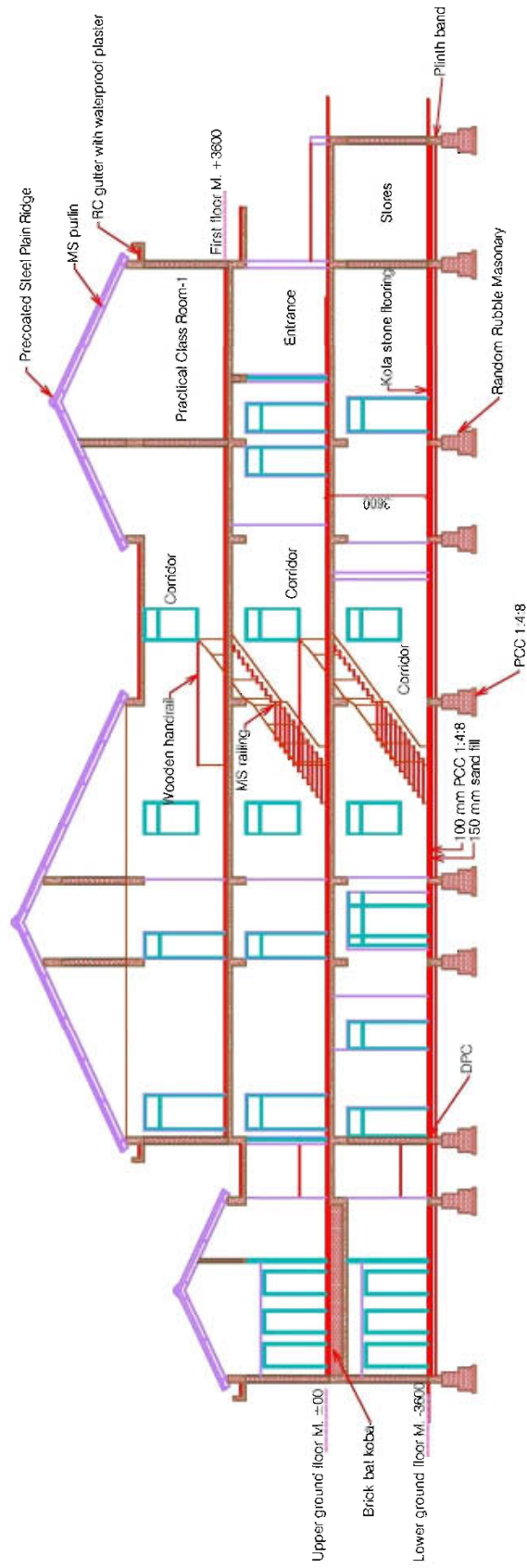
UPPER GROUND FLOOR PLAN

FIRST FLOOR KEY PLAN

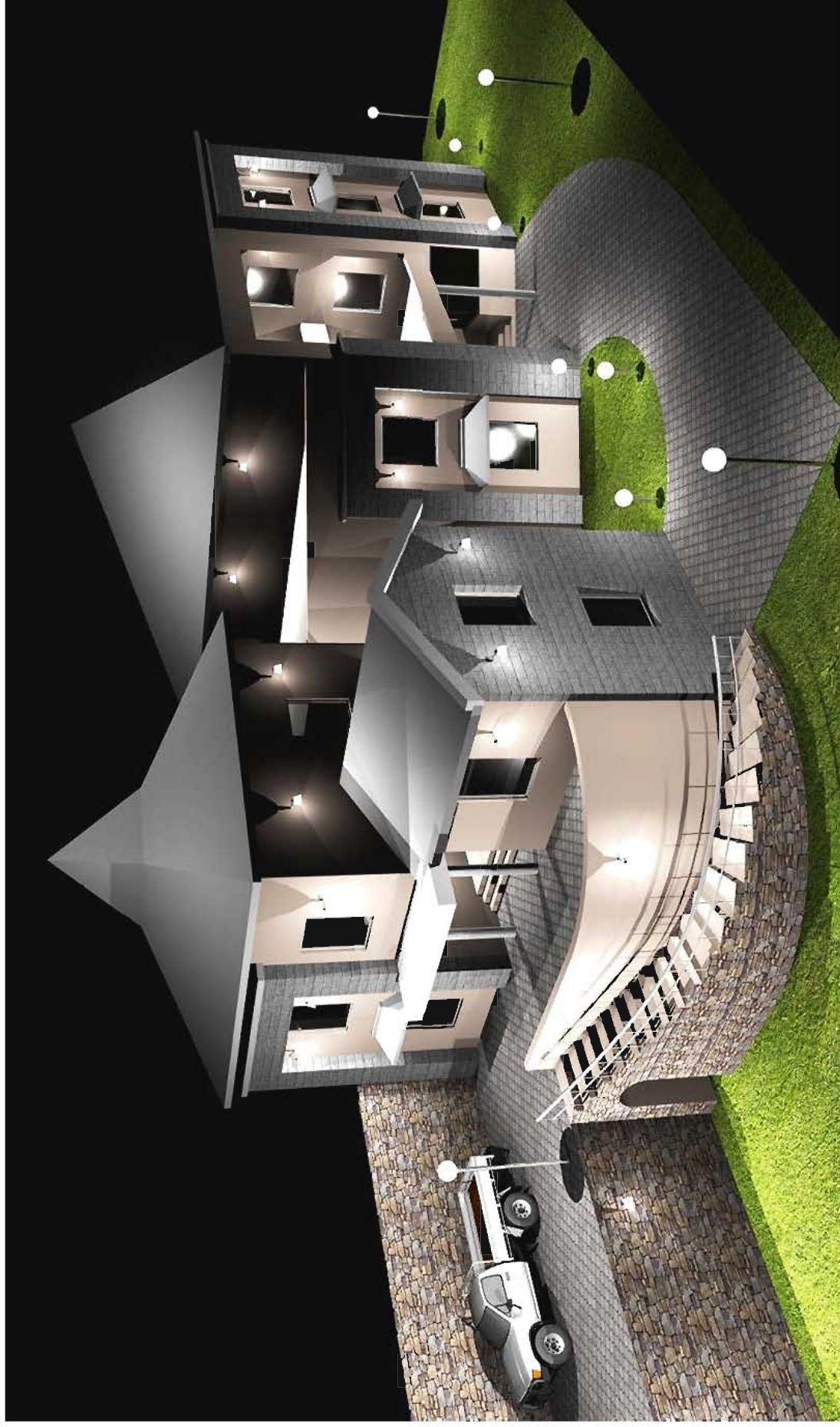


FIRST FLOOR PLAN

TOTAL CARPET AREA OF CLC = 1761 Sqm. / 18948 Sqft.
TOTAL CARPET AREA OF PC = 2066 Sqm. / 22230 Sqft.



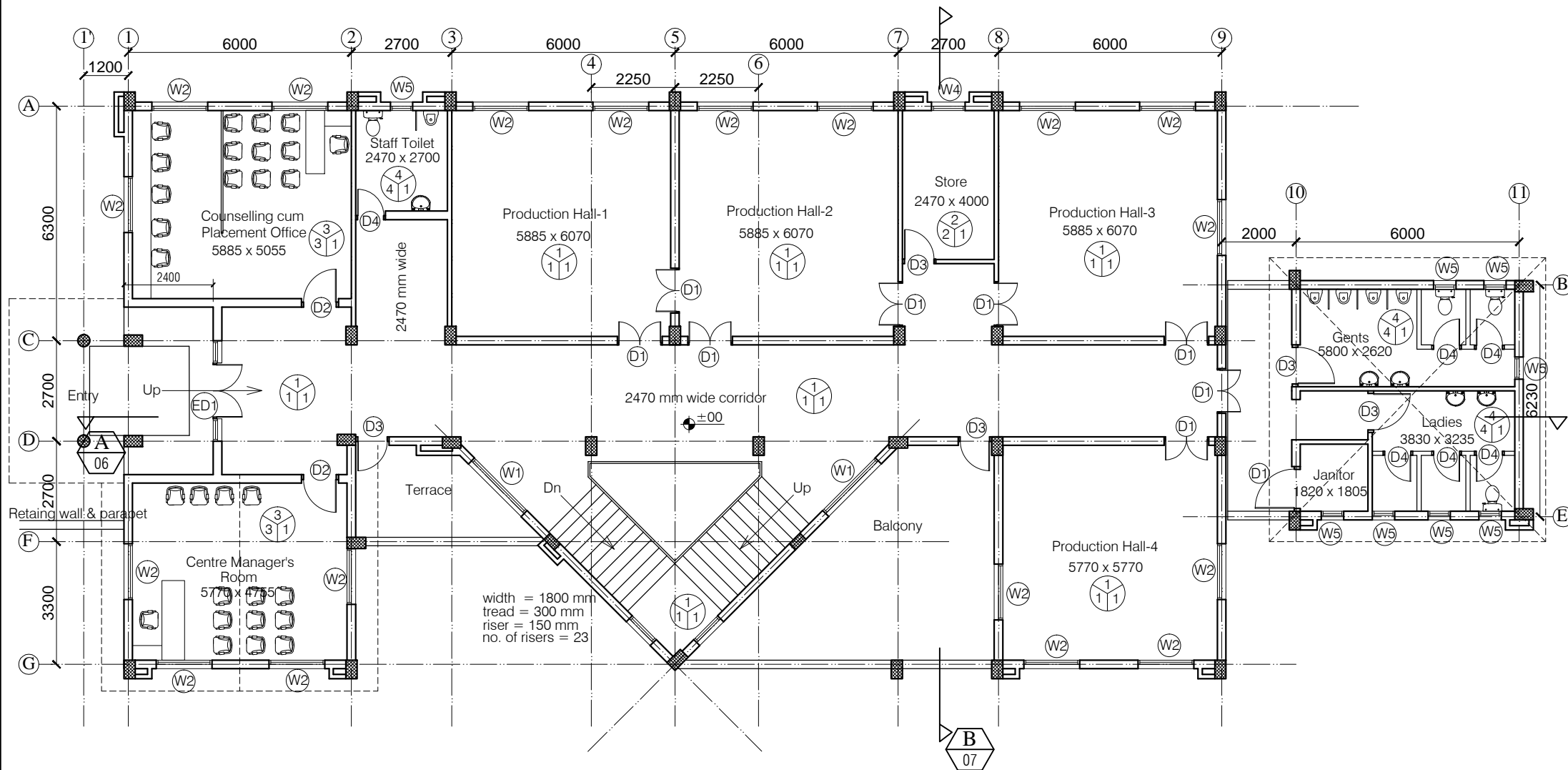
SECTION-A



3D VIEW



3D VIEW



NOTES

- DRAWING TO BE READ AND NOT MEASURED.
- ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.



F = Flooring
1 = Kota Flooring
2 = Cement Flooring
3 = Vitrified Tile Flooring
4 = Ceramic Tile Flooring
5 = Terrazo Flooring
6 = 50 mm CC Flooring with Hardener toping

F = Flooring
S = Skirting / Dado
W = Wall Finishing

S = Skirting / Dado
1 = Kota Skirting
2 = Cement Skirting
3 = Vitrified Skirting
4 = White Glazed Tile
5 = Terrazo Skirting
W = Wall Finishing
1 = Wall Putty + Acrylic Emulsion
2 = Wall Putty + Weather Proof Exterior grade Emulsion

DOORS + WINDOWS SCHEDULE

MKD.	WIDTH	HEIGHT	CILL	MKD.	WIDTH	HEIGHT	CILL
ED1	2700	2800	00	W1	2000	1900	900
D1	1200	2800	00	W2	1500	1900	900
D2	1000	2800	00	W3	1200	1600	1200
D3	900	2800	00	W4	900	1900	900
D4	850	2100	00	W5	600	1600	1200
				G1	4500	2500	300

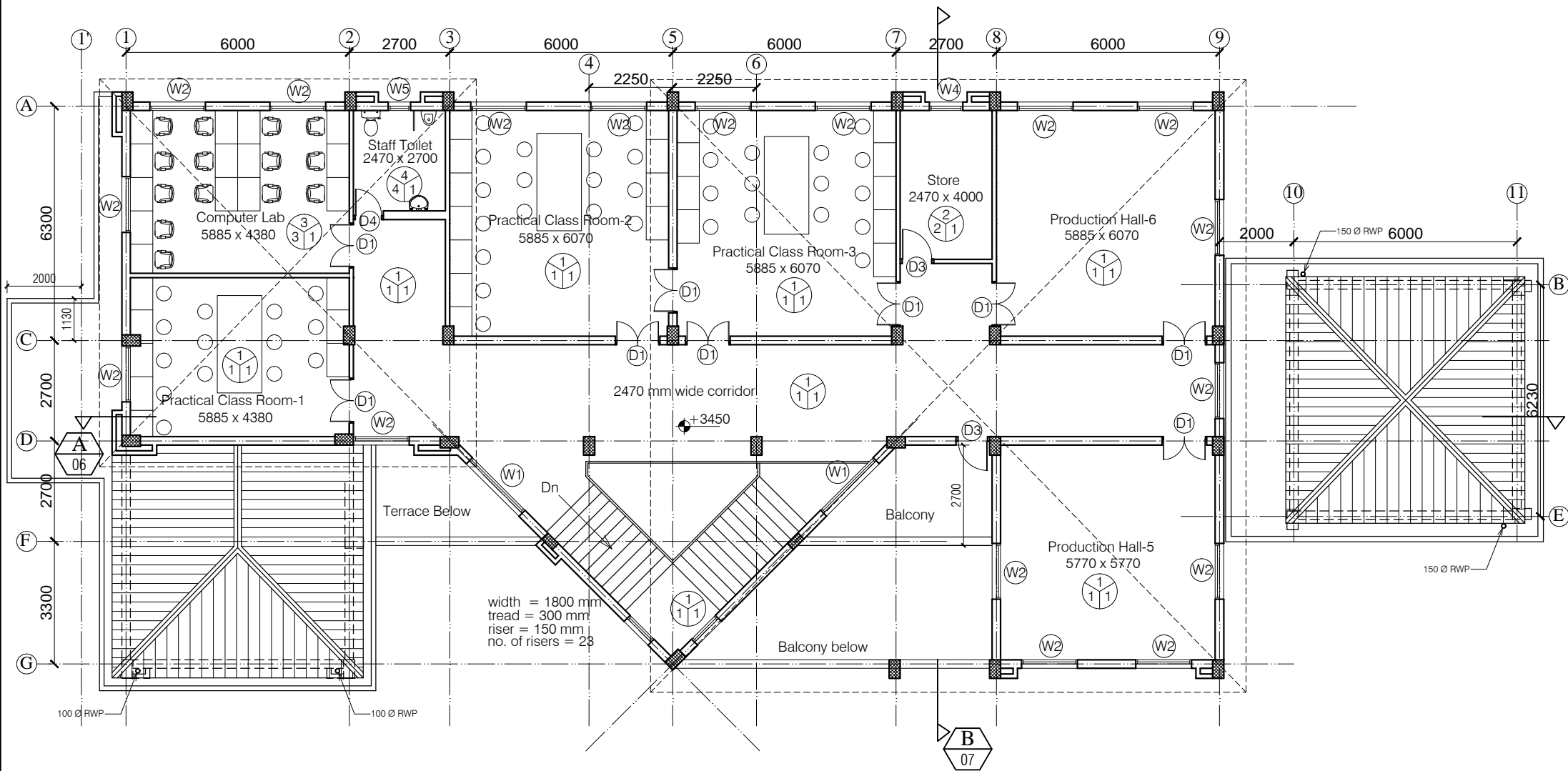
ANNEXURE - B (Civil Works)

Project : RURAL LIVELIHOOD CENTRE
AT SADAYANA - DISTT-MANDI

Sheet Title : GROUND FLOOR PLAN Date : 25-11-16

Architects : Scale : 1:150

Drg. No. 03



NOTES

- DRAWING TO BE READ AND NOT MEASURED.
- ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.



F= Flooring
S= Skirting / Dado
W= Wall Finishing

F= Flooring
1= Kota Flooring
2= Cement Flooring
3= Vitrified Tile Flooring
4= Ceramic Tile Flooring
5= Terrazo Flooring
6= 50 mm CC Flooring with Hardener toping

S= Skirting / Dado
1= Kota Skirting
2= Cement Skirting
3= Vitrified Skirting
4= White Glazed Tile
5= Terrazo Skirting
W= Wall Finishing
1= Wall Putty + Acrylic Emulsion
2= Wall Putty + Weather Proof Exterior grade Emulsion

DOORS + WINDOWS SCHEDULE

MKD.	WIDTH	HEIGHT	CILL	MKD.	WIDTH	HEIGHT	CILL
ED1	2700	2800	00	W1	2000	1900	900
D1	1200	2800	00	W2	1500	1900	900
D2	1000	2800	00	W3	1200	1600	1200
D3	900	2800	00	W4	900	1900	900
D4	850	2100	00	W5	600	1600	1200
				G1	4500	2500	300

ANNEXURE - B (Civil Works)

Project : RURAL LIVELIHOOD CENTRE
AT SADAYANA - DISTT-MANDI

Sheet Title
FIRST FLOOR PLAN

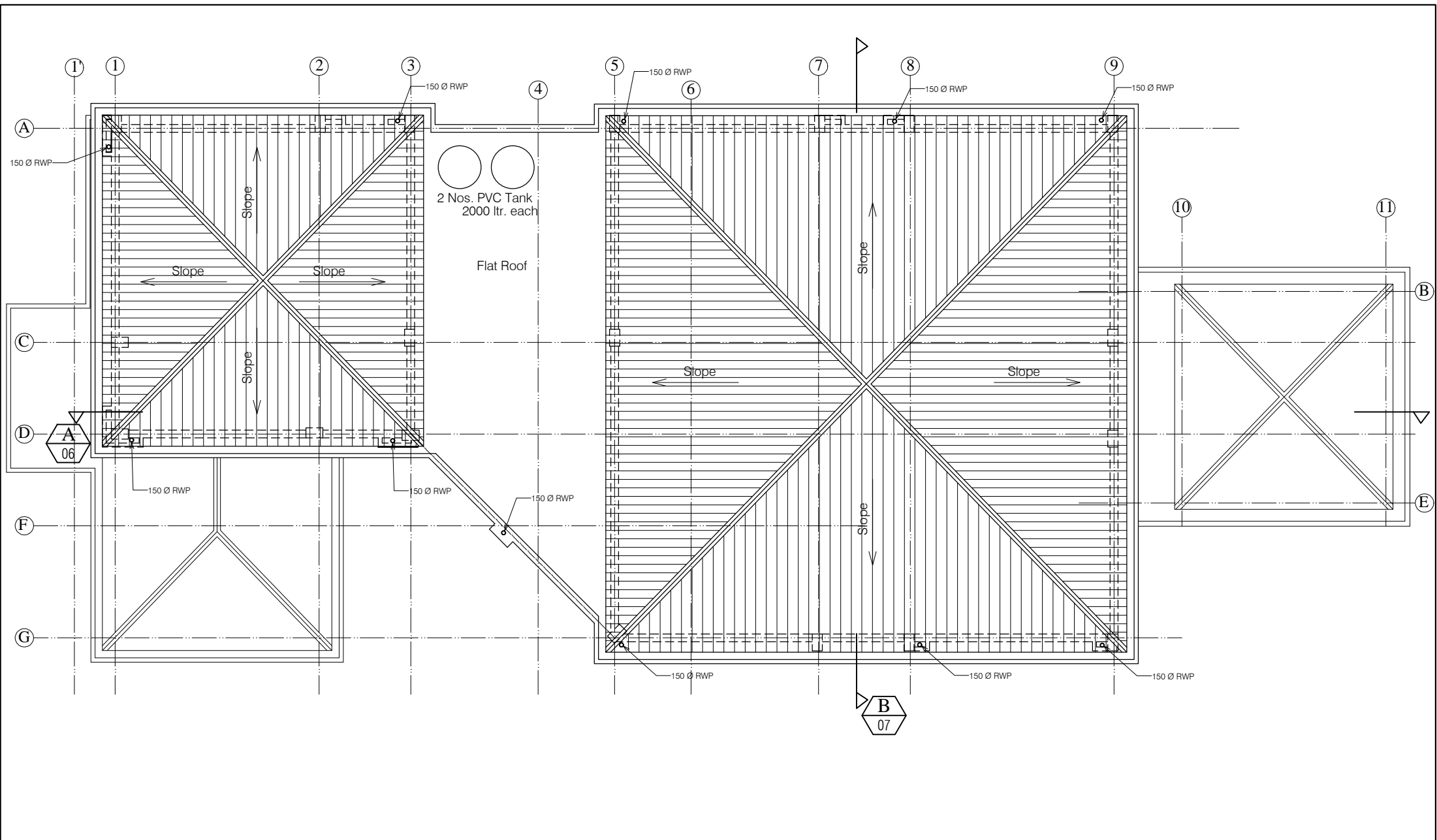
Date 25-11-16

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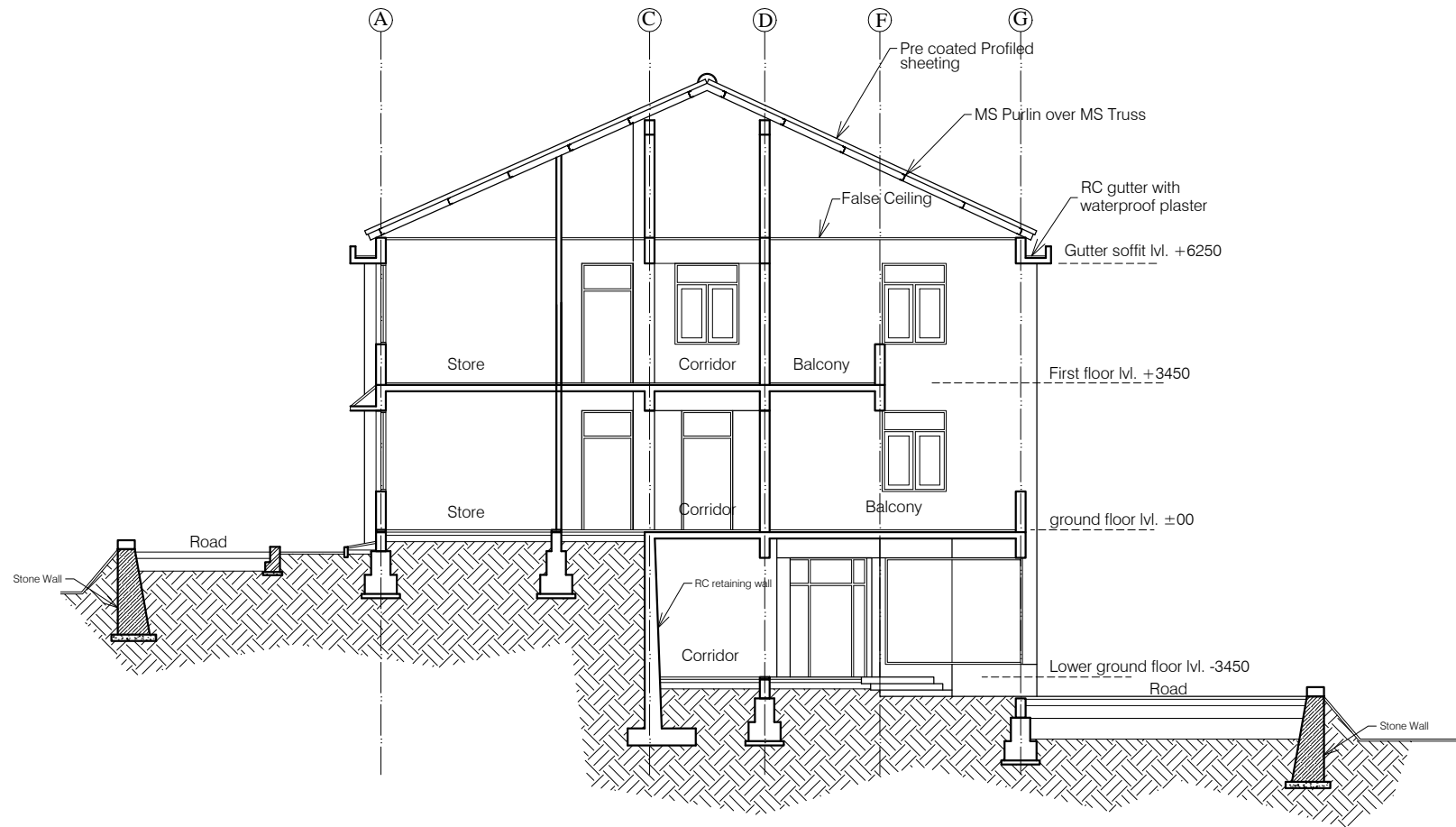
Architects

Drg. No.

04



NOTES 1. DRAWING TO BE READ AND NOT MEASURED. 2. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.		ANNEXURE - B (Civil Works)	
		Project : RURAL LIVELIHOOD CENTRE AT SADAYANA - DISTT-MANDI	
		Sheet Title ROOF PLAN	Date 25-11-16
		Architects	Scale 1:150
			Drg. No. 05



SECTION-B

NOTES

1. DRAWING TO BE READ AND NOT MEASURED.
2. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.

ANNEXURE - B (Civil Works)

Project :
RURAL LIVELIHOOD CENTRE
AT SADAYANA - DISTT-MANDI

Sheet Title	Date	25-11-16
SECTION - B	Scale	1:150

Architects	Drg. No.
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07



NOTES

1. DRAWING TO BE READ AND NOT MEASURED.
2. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.

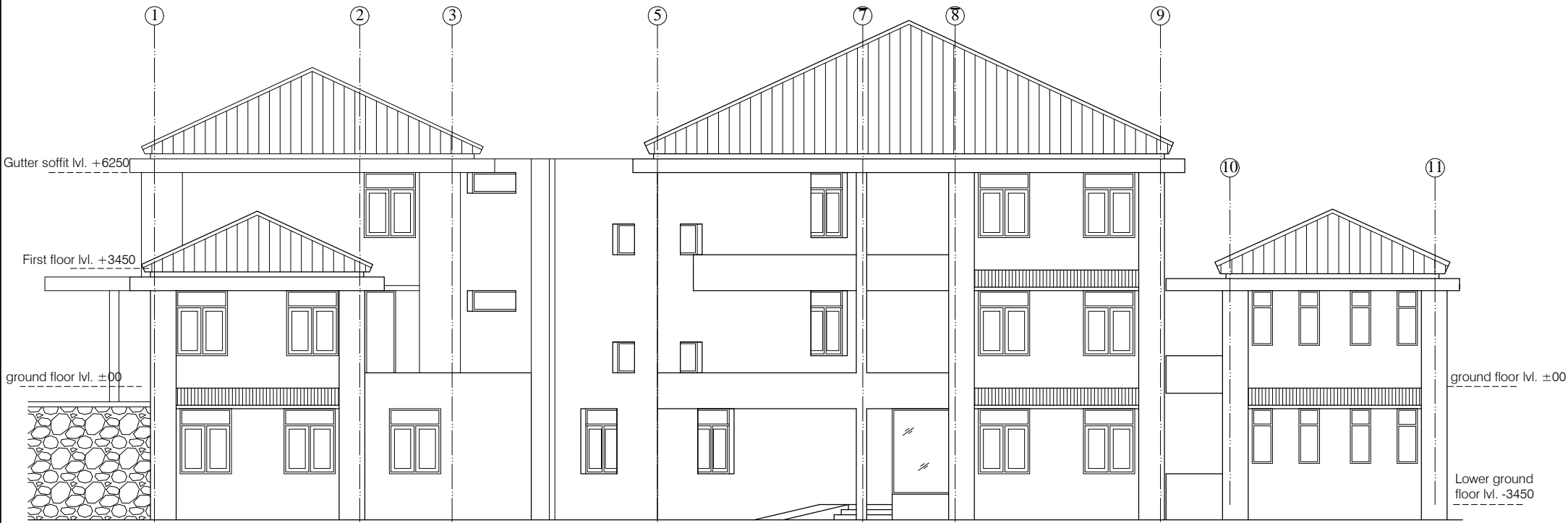
ANNEXURE - B (Civil Works)

Project : RURAL LIVELIHOOD CENTRE
AT SADAYANA - DISTT-MANDI

Sheet Title	Date
ELEVATION	25-11-16
Architects	Scale
	1:150

Drg. No.

08

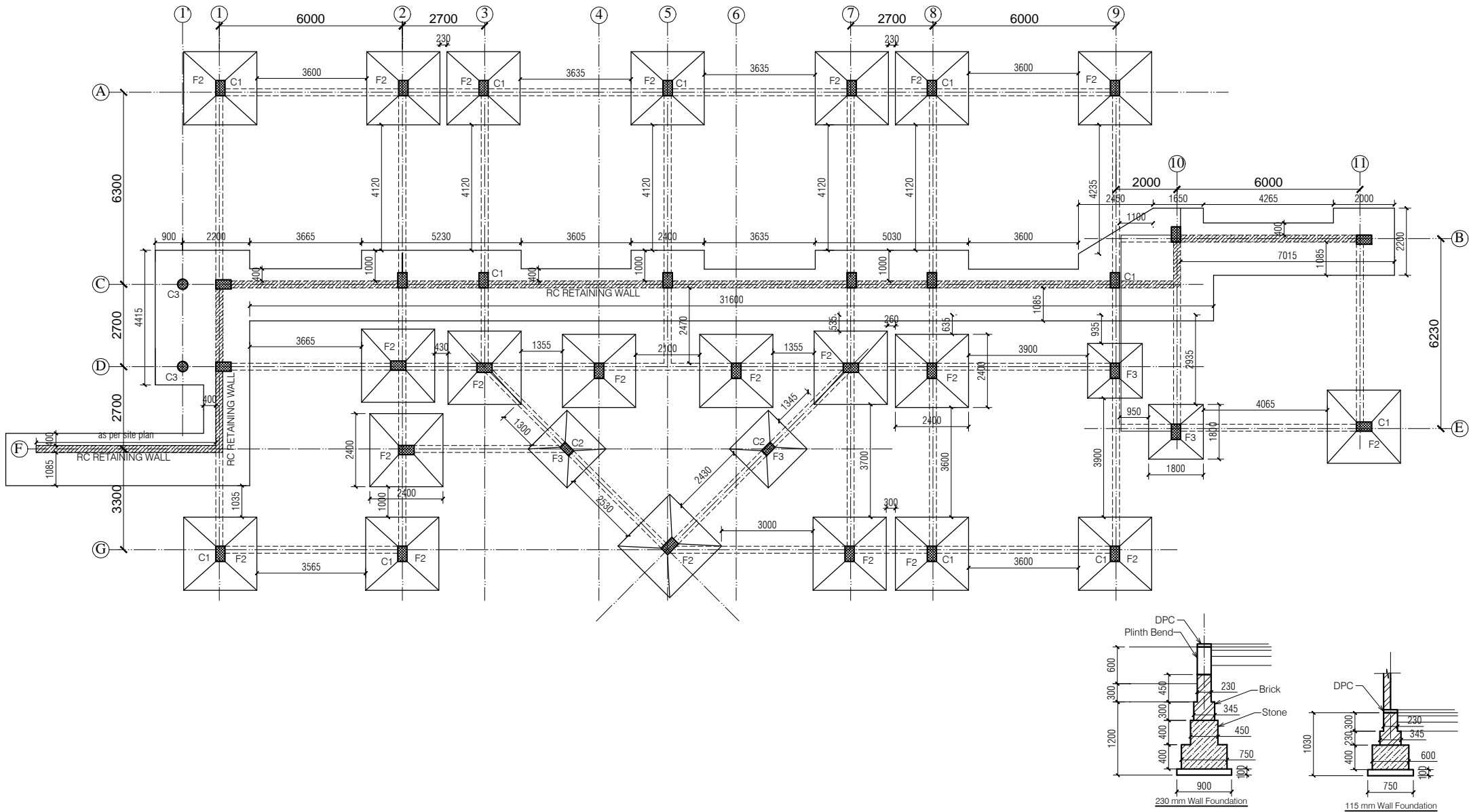


Side Elevation

NOTES

- 1. DRAWING TO BE READ AND NOT MEASURED.
- 2. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.

ANNEXURE - B (Civil Works)		
Project : RURAL LIVELIHOOD CENTRE AT SADAYANA - DISTT-MANDI		
Sheet Title ELEVATION	Date	25-11-16
	Scale	1:150
Architects	Drg. No.	
	09	



NOTES

1. DRAWING TO BE READ AND NOT MEASURED.
2. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED
3. PLINTH BEAM SIZES ASSUMED 230MM X 450 MM

FOOTING SCHEDULE			
MKD.	L	B	H
F1			500
F2	2400	2400	250 /250
F3	1800	1800	250 /250
F4	1200	1200	500

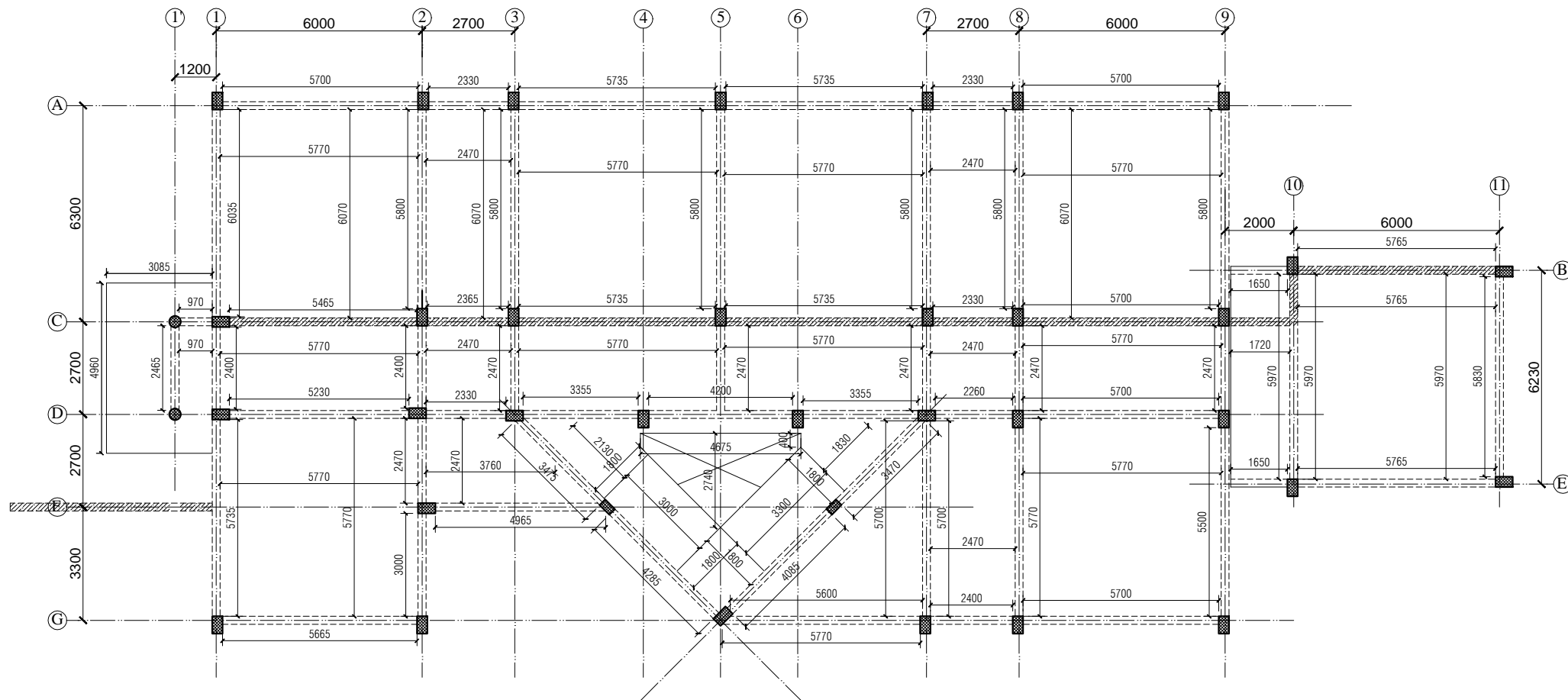
COLUMN SCHEDULE			
MKD.	L	B	H
C1	500	300	
C2	400	230	
C3	350	Dia	

ANNEXURE - B (Civil Works)

Project :
RURAL LIVELIHOOD CENTRE
AT SADAYANA - DISTT-MANDI

Sheet Title FOOTING PLAN
Date 29-12-2016
Scale 1:175

Architects
Dr. No.



NOTES

1. DRAWING TO BE READ AND NOT MEASURED.
2. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED
3. FLOOR AND ROOF LEVEL BEAM SIZES ASSUMED 230MM X 600 MM

ANNEXURE - B (Civil Works)

Project :
RURAL LIVELIHOOD CENTRE
AT SADAYANA - DISTT-MANDI

Sheet Title
BEAM DETAILS

Date 25-11-16

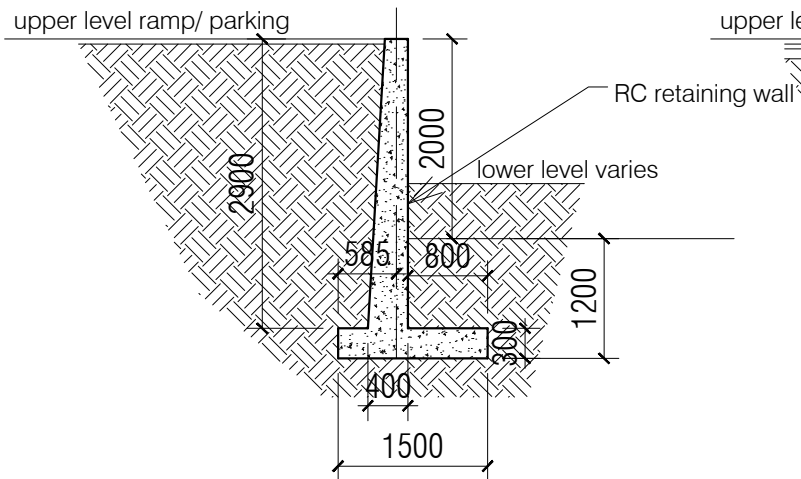
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Architects

Drg. No.

11

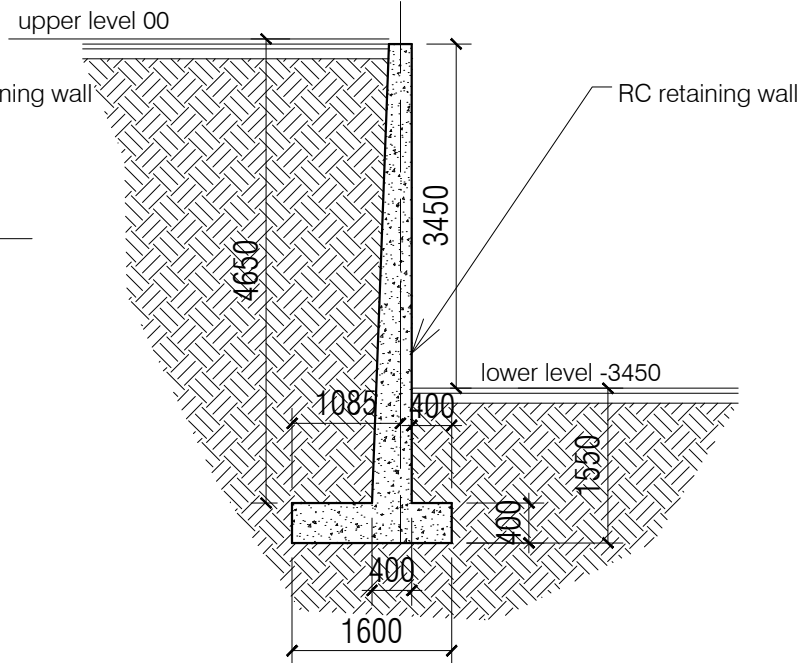
B/1/F



SECTION - 1

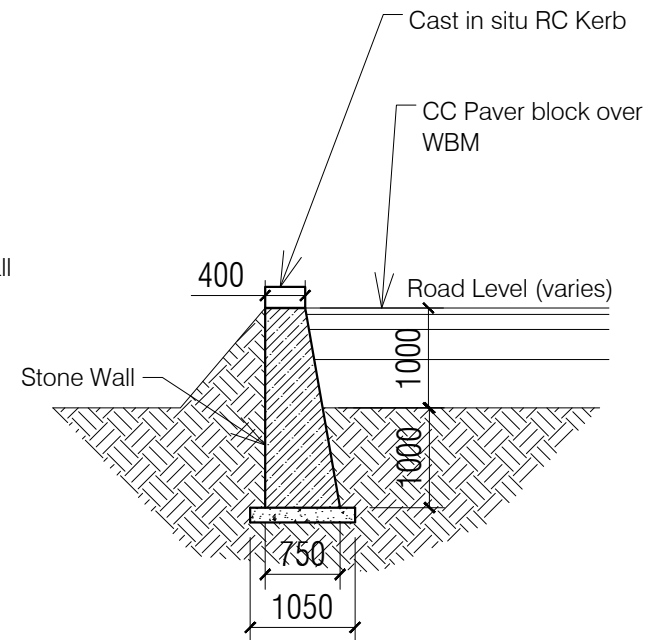
(RC Retaining Wall - R1)

B/1/F



SECTION - 2

(RC Retaining Wall - R2)



SECTION - 3

(Stone Breast Wall for road)

ANNEXURE - B (Civil Works)

Project : RURAL LIVELIHOOD CENTRE
AT SADAYANA - DISTT-MANDI

Sheet Title
RETAINING WALL SECTIONS

Date 25-11-16

Scale 1:175

Architects

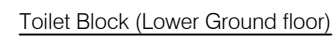
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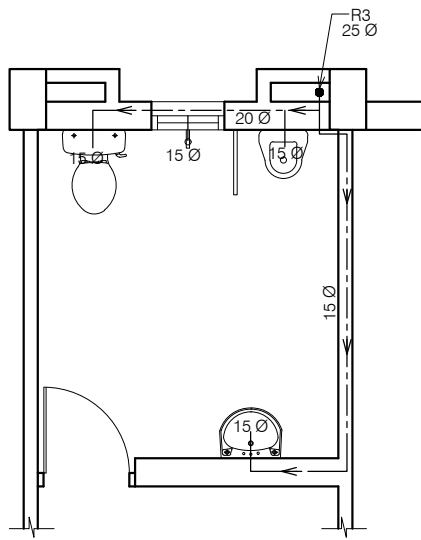
SPECIFICATION

<u>Reinforcement Cement Concrete (R.C.C.)</u>	Cement concrete 1:1.5:3 (One cement one and half sand : three graded stone aggregate 20nm nominal size)	<u>Aluminium Work</u>	Anodized aluminum work for doors, windows, ventilators and partitions with standard tubular sections appropriate z sections and other sections of approved make including necessary filling gaps at junctions at top bottom and sides with required PVC/neoprene/felt/ silicone sealant; aluminum sections shall be smooth rust free, straight mitred and jointed mechanically including cleat angle, snap beadingCP brass/ stainless steel screws complete as per drawings. Approved From this office.
<u>P.C.C.</u>	Cement concrete 1:4:8 (one cement: four sand: eight graded stone aggregate 40 mm nominal size)	<u>Doors Frame</u>	Angle iron door, window, clerestory window frame manufactured from steel section 40 x 40 x 6mm, including hinges jamb, lock jamb etc. Approved From this office.
<u>D.P.C.</u>	Damp Proof Course 50mm thick with cement concrete 1:2:4 (1 cement :2 sand:4 graded stone aggregate 20mm nominal size)	<u>Doors Shutter</u>	35 mm thick flush shutters, interior grade, commercial type, core of block board construction with frame of first class hard wood well matched commercial ply veneering , with vertical grains of cross ands and face veneers on both side. Approved From this office.
<u>Plinth Protection</u>	1- Plinth protection 50mm thick in cement concrete 1:3:6 (1 cement: 3 sand : 6 Graded stone aggregate 20mm nominal size)	<u>Windows Frame</u>	M.S. tubular frames for windows and ventilators with hollow section as approved including MS flats with 15x3 mm lugs 10 mm long with bolts and nuts as required including fixing of necessary butt hinges and screws. Approved From this office.
	2- Under layer for plinth protection of 75 mm thick (unconsolidated) bed of dry brick/ stone aggregate 40 mm nominal size rammed consolidated and grouted with fine sand including preparation of ground.	<u>Windows Shutter</u>	Steel glazed doors, windows and ventilators of standard rolled steel sections, z sections. Approved From this office.
	3- Brick edging (brick laid on edge) to plinth protection with bricks including grouting with cement mortar 1:4 (1 cement: 4 sand)	<u>Railing and Hand Rail</u>	Steel work welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of red lead paint. Approved From this office.
<u>Brick Work</u>	1- Second Class Brick work using common burnt clay building bricks in foundation and plinth & Superstructure above plinth level up to all levels. cement mortar 1:6 (1 Cement: 6 Sand)	<u>Sanitary Fixture</u>	Ornssa Pattern vitreous china water closet squatting pan (Indian type W.C. pan) size 580 mm with foot rest and traps Approved From this office.
	2- Second Class Half brick work using common burnt Clay building bricks in super structure above plinth level up to floor all level using first class, building bricks in cement mortar 1:4 (1 cement : 4 sand)	EWC	Ordinary closet vitreous china wash ,down water closet (European type W.C. pan) with P or S traps Approved From this office.
<u>Flooring</u> Rooms and Corridors	40 mm thick kota stone slab flooring with 20 mm thick base of cement mortor 1:4 (one cement is to four sand) of size 55 x 55 cm.	Urinal	White vitreous flat back or wall corner type lipped front urinal basin of 430 x 260 x 350 mm and 340 x 430 x 265 mm size with automatic flushing cistern with all type fittings.
Manager's & Computer Room	Spartic ceramic tiles 5.5mm thick in flooring (300x300mm size) flooring laid on a bed of 12mm thick cement mortar 1:3(1 cement :3 sand)	Wash basin	550 mm x 400 mm flat back White vitreous china wash basin with single hole for pillar tap with C.I. or M.S. brackets. Approved From this office.
Stores	40 mm thick cement concrete flooring 1:2:4 (1 cement:2 sand:4 graded stone. aggregate 20 mm nominal size) laid one layer finished with a floating coat of neat cement.	<u>Electrical</u>	Concealed PVC wiring.all electrical fittings to be provided as per electrical layout plan. Approved From this office.
<u>Dado & Skirting</u> Rooms and Corridors	Kota stone slab 25 mm thick in risers of steps ,skirting dado laid on 12 mm (average) thick cement mortar 1:3 (one cement is to three sand)		
Manager's & Computer Room	Vitrified tiles (300x300mm x 8mm) in grey/colour of required shade in skirting, risers of steps and dados laid over 12mm thick cement mortar 1 :3(1 cement :3sand)		
Stores	22 mm thick cement plaster skirting in all heights with cement mortar 1 :3 (1 cement: 3 sand)		
<u>Roofing</u>	0.60 mm thick prepainted steel sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyster (RNP) complete with all accessories as required.including Ridge or hips and Valley as required. Approved From this office.		
<u>Pastering</u> Ceiling plaster	6 mm thick cement plaster with cement mortar 1:3 (1 cement :3 Sand).		
Internal & External Plaster	15 mm thick cement plaster Fair and rough side with cement mortar 1:6 (1 cement :6 Sand). Approved From this office.		
<u>Painting</u> Ceiling paint	Distempering with dry distemper of approved brand and manufacture (two coats) on decorated wall surfaces to give an even shade.		
Internal paint	Wall painting (two coats) with acrylic emulsion paint of approved brand and manufacture for interior grade. Approved From this office.		
External paint	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or its equivalant on undecorated wall surfaces (two coats) to give an even shade. Approved From this office.		

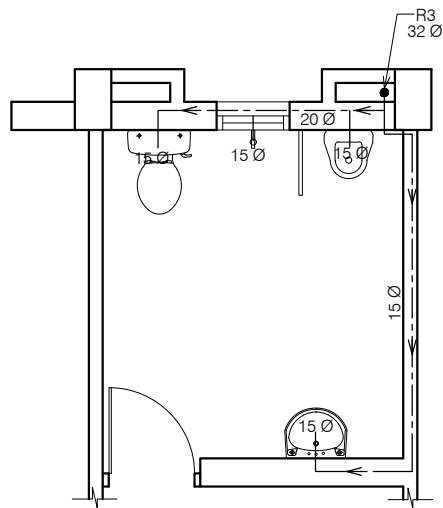
ANNEXURE - B (Civil Works)		
Project : RURAL LIVELIHOOD CENTRE AT SADAYANA - DISTT-MANDI		
Sheet Title SPECIFICATION	Date 08-09-16	Drawn By -
	Scale 1:100	Checked By -
Architects		Drg. No. 13



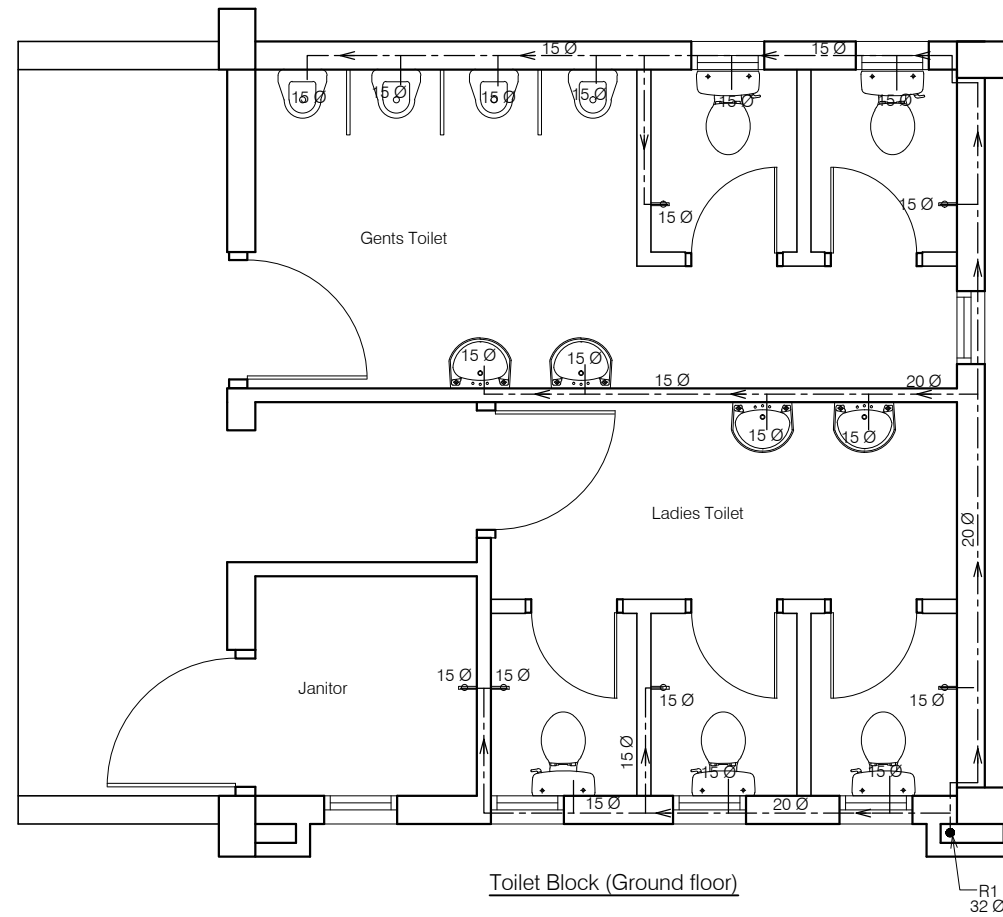
14



Staff Toilet (Ground floor)



Staff Toilet (First floor)



Toilet Block (Ground floor)

ANNEXURE - C (Sanitary Works)

Project :

RURAL LIVELIHOOD CENTRE
AT SADAYANA - DISTT-MANDI

Sheet Title

SANITARY -WATER SUPPLY

Date 08-09-16

Drawn By -

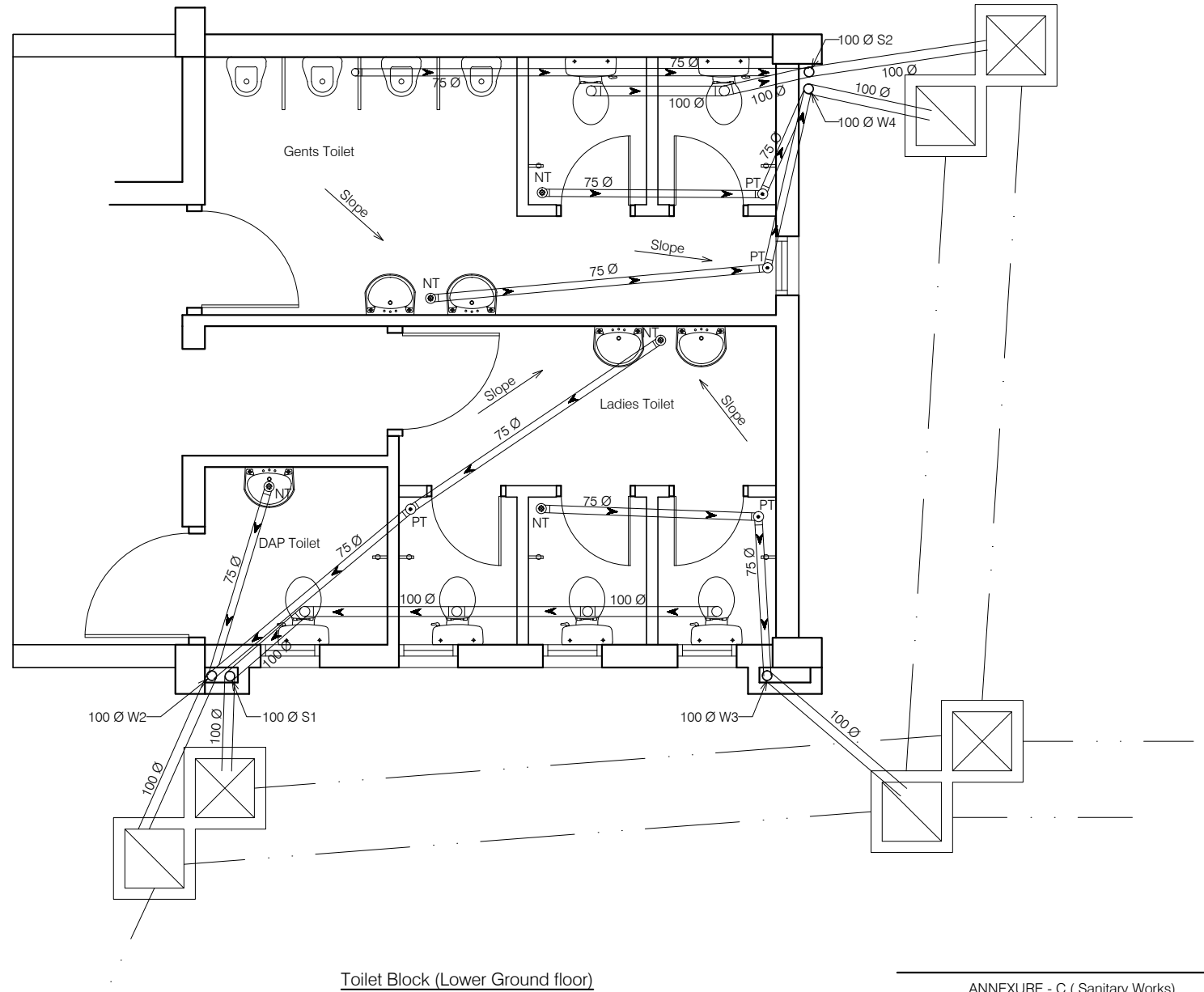
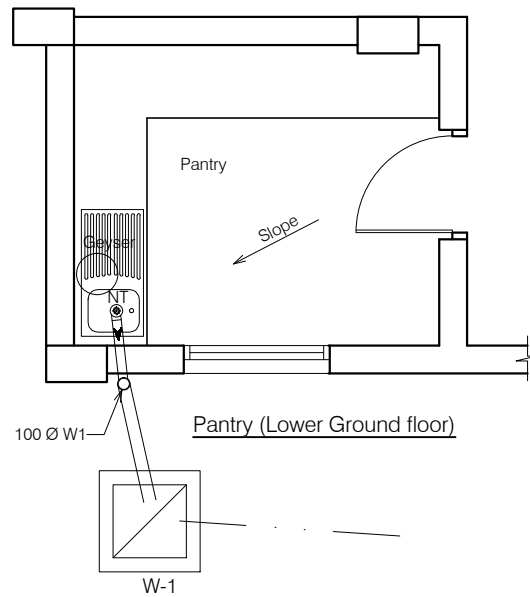
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Checked By -

Architects

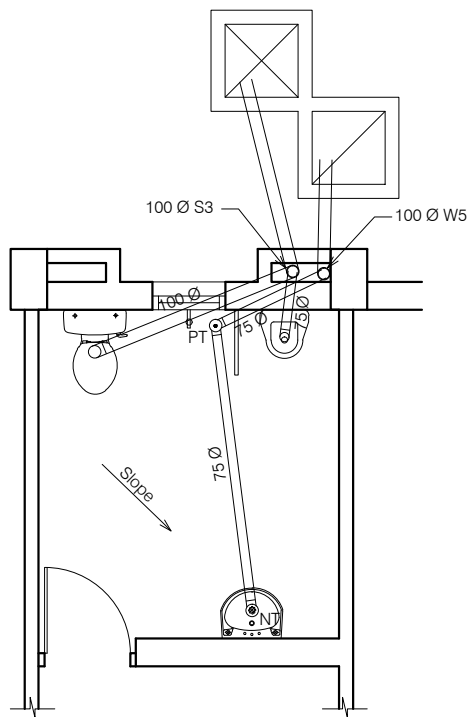
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15

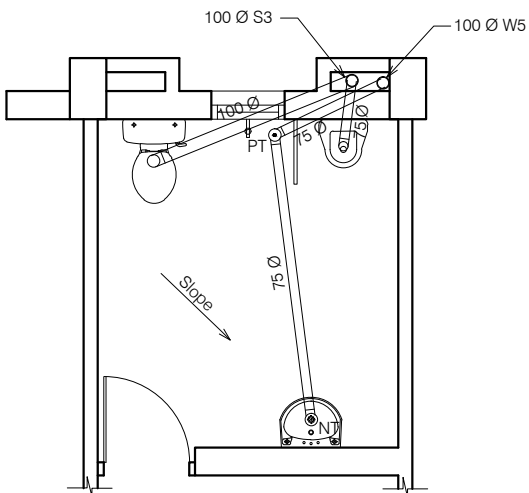


ANNEXURE - C (Sanitary Works)

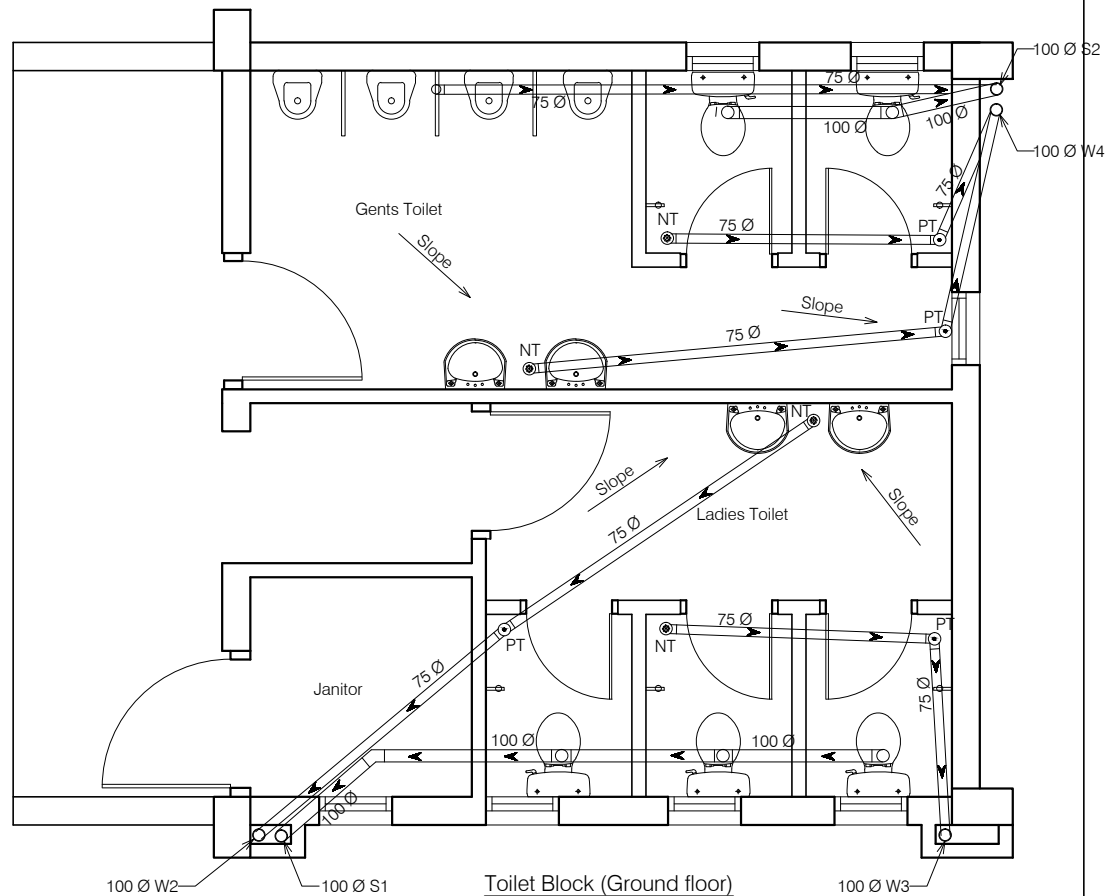
Project :		
RURAL LIVELIHOOD CENTRE AT SADAYANA - DISTT-MANDI		
Sheet Title	Date 08-09-16	Drawn By -
	Scale 1:60	Checked By -
Architects		Drg. No.
		16



Staff Toilet (Ground floor)



Staff Toilet (First floor)



Toilet Block (Ground floor)

ANNEXURE - C (Sanitary Works)

Project :

RURAL LIVELIHOOD CENTRE
AT SADAYANA - DISTT-MANDI

Sheet Title

SANITARY -PLUMBING

Date 08-09-16

Drawn By -

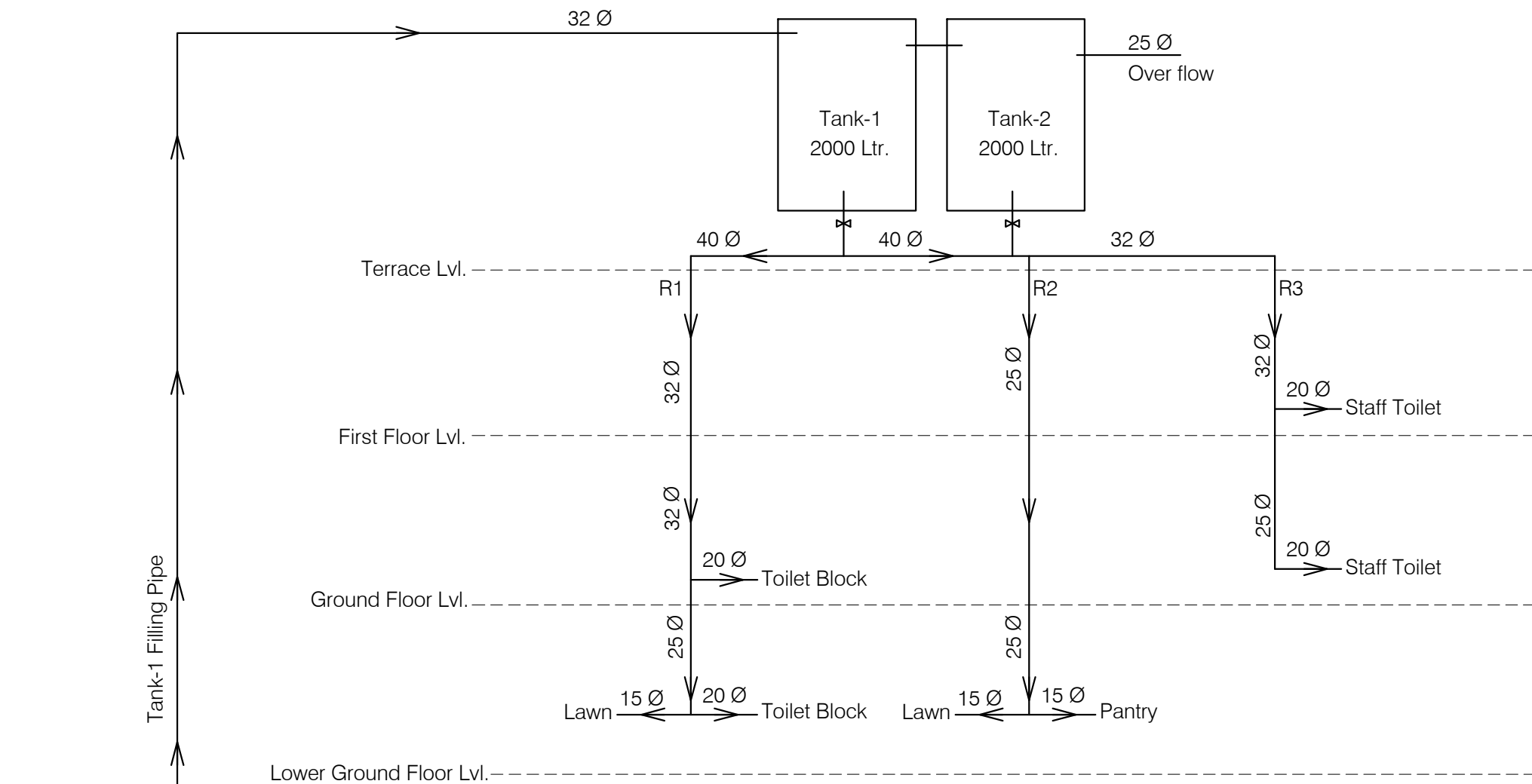
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Architects

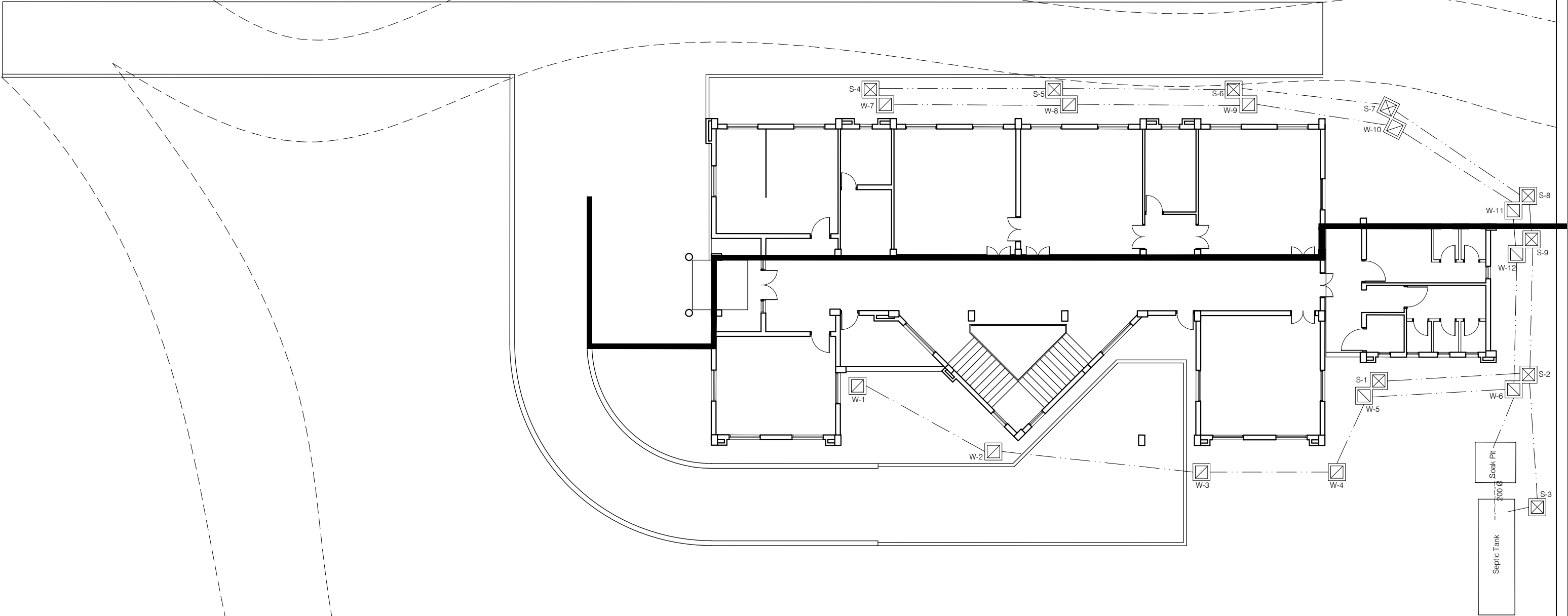
Drg. No.

17

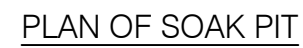


ANNEXURE - C (Sanitary Works)		
Project : RURAL LIVELIHOOD CENTRE AT SADAYANA - DISTT-MANDI		
Sheet Title SANITARY -SINGLE LINE DIAGRAM	Date 28-12-16	Drawn By -
	Scale	Checked By -
Architects		Drg. No.
		18

FROM MAIN ROAD



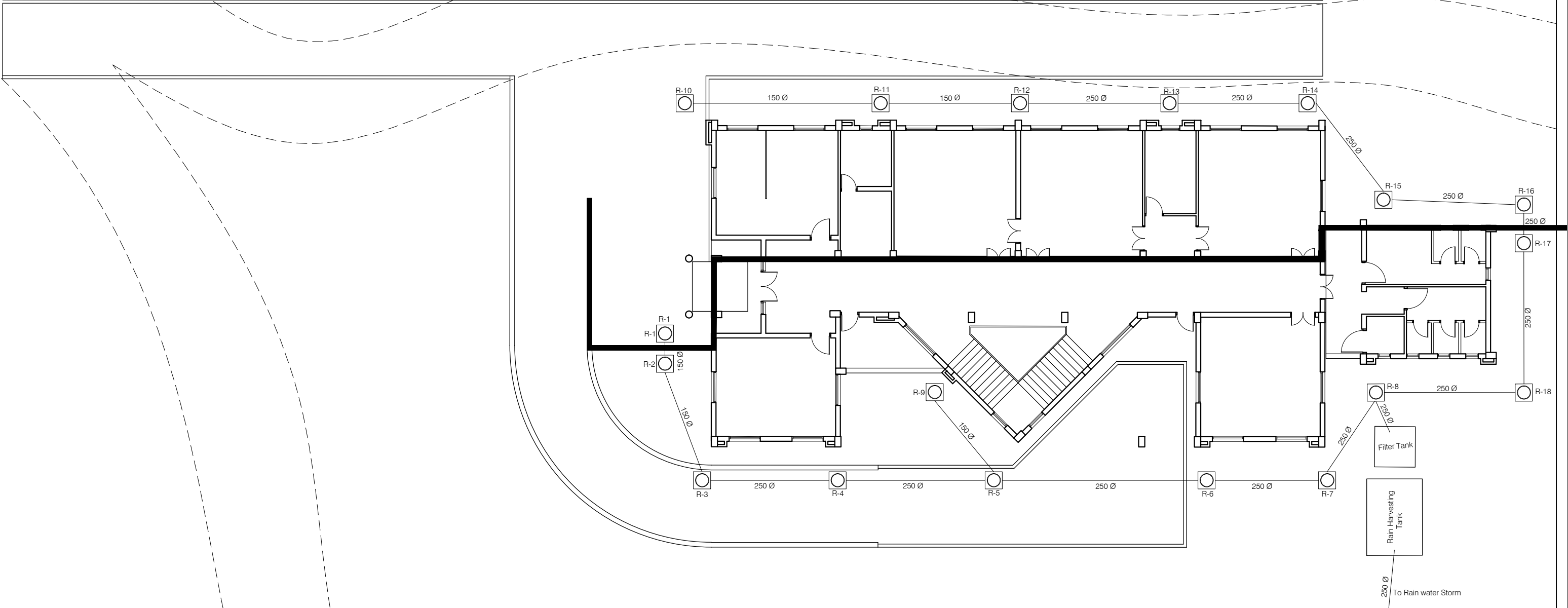
ANNEXURE - C (Septic Tank)		
Project : RURAL LIVELIHOOD CENTRE AT SADAYANA- DISTTMANDI		
Sheet Title	Date	29-12-16
S I T E P L A N	Scale	1:225
Architects		Drg. No.
		19



1. DRAWING TO BE READ AND NOT MEASURED.
2. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
3. SANITARY DRAWINGS SHALL BE READ IN CONJUNCTION WITH SITE DEVELOPMENT DRAWINGS AND ANY DISCREPANCY OBSERVED SHALL BE REPORTED TO THE ARCHITECT.
4. ALL INNER AND OUTER WALLS TO BE FINISHED WITH WATER PROOF PLASTER.

ANNEXURE - C (Septic Tank)		
Project : Septic Tank and Soak Pit		
Sheet Title PLAN & SECTION	Date 28-12-16	Drawn By -
	Scale 1:50	Checked By -
Architects		Dr. No. <div style="font-size: 48px; text-align: center;">20</div>

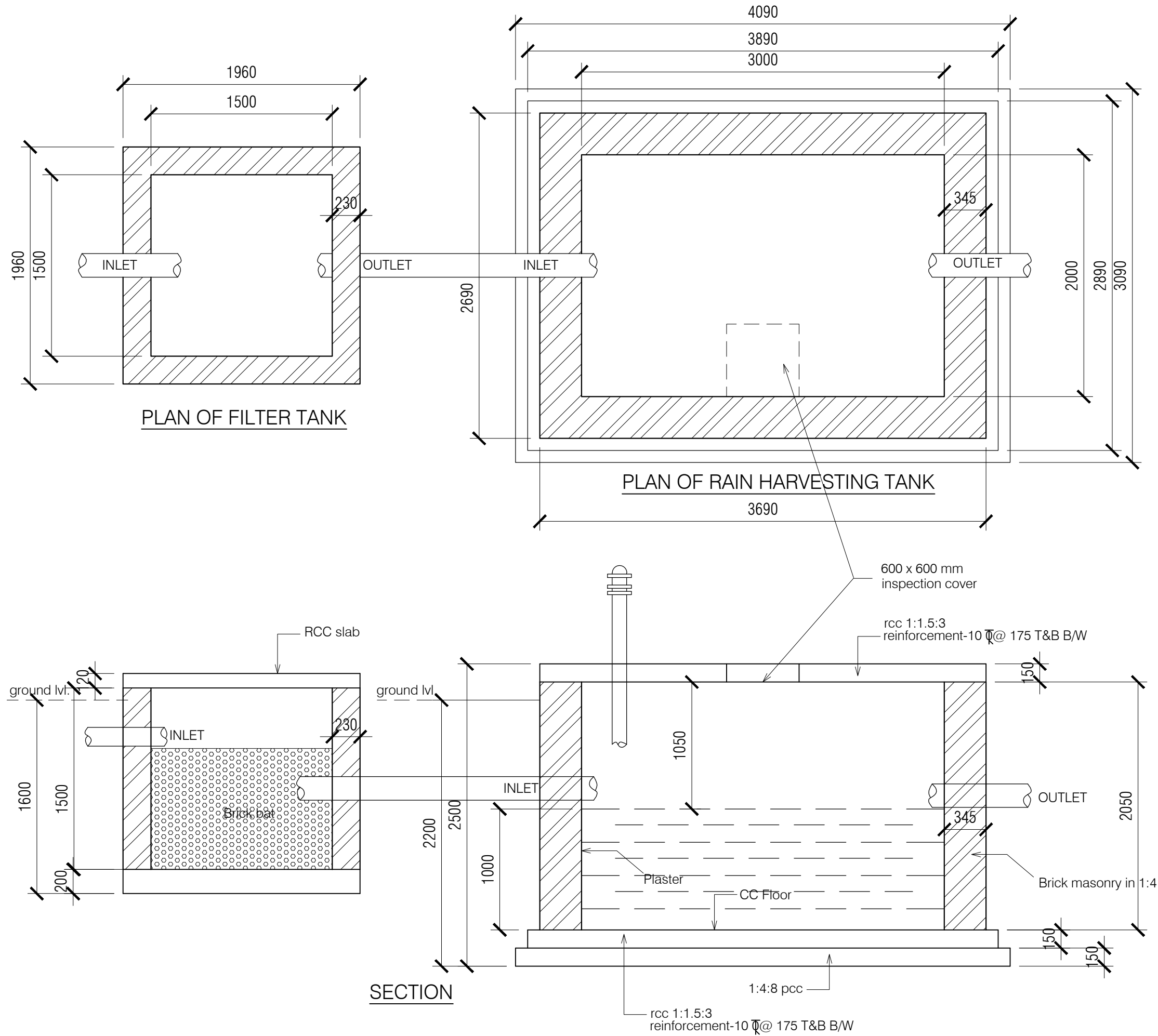
FROM MAIN ROAD



ANNEXURE - D (Rain water Harvesting)		
Project : RURAL LIVELIHOOD CENTRE AT SADAYANA- DISTTMANDI		
Sheet Title	Date	29-12-16
S I T E P L A N	Scale	1:225
Architects		Drg. No.
		21

NOTES:

1. DRAWING TO BE READ AND NOT MEASURED.
2. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
3. SANITARY DRAWINGS SHALL BE READ IN CONJUNCTION WITH SITE DEVELOPMENT DRAWINGS AND ANY DISCREPANCY OBSERVED SHALL BE REPORTED TO THE ARCHITECT.
4. ALL INNER AND OUTER WALLS TO BE FINISHED WITH WATER PROOF PLASTER.



ANNEXURE - D (Rain water Harvesting)

Project :

Rain Harvesting Tank

Sheet Title

PLAN & SECTION

Architects

Date 28-12-16

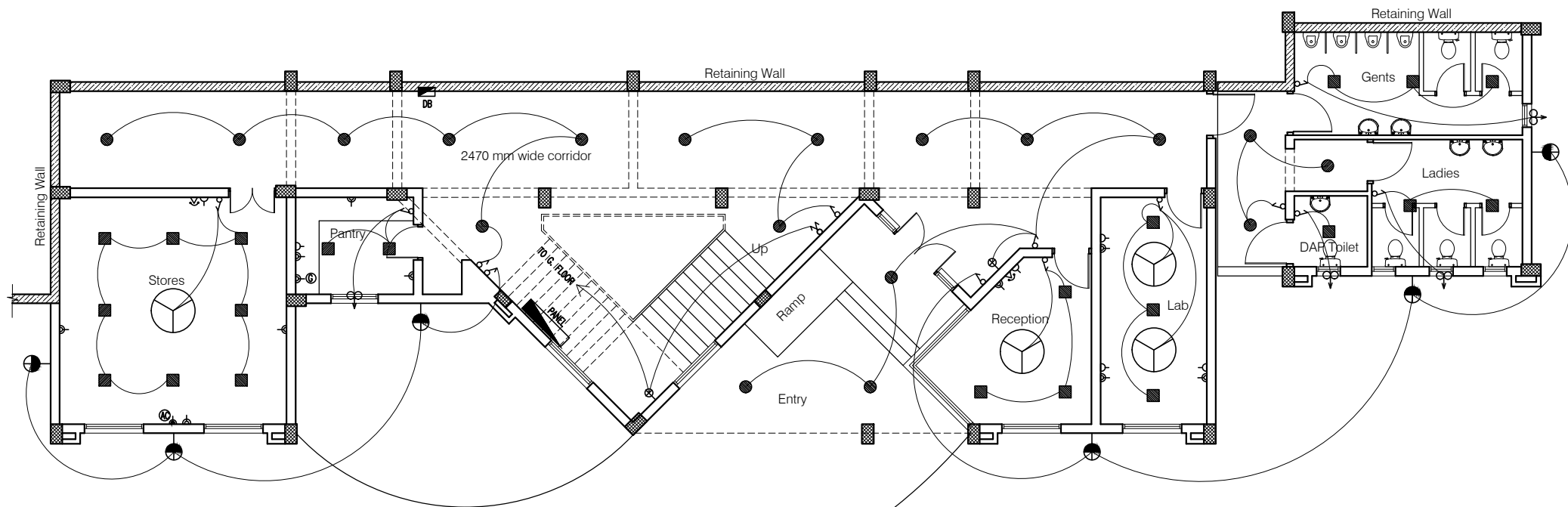
Drawn By -

Scale 1:50

Checked By -

Drg. No.

22

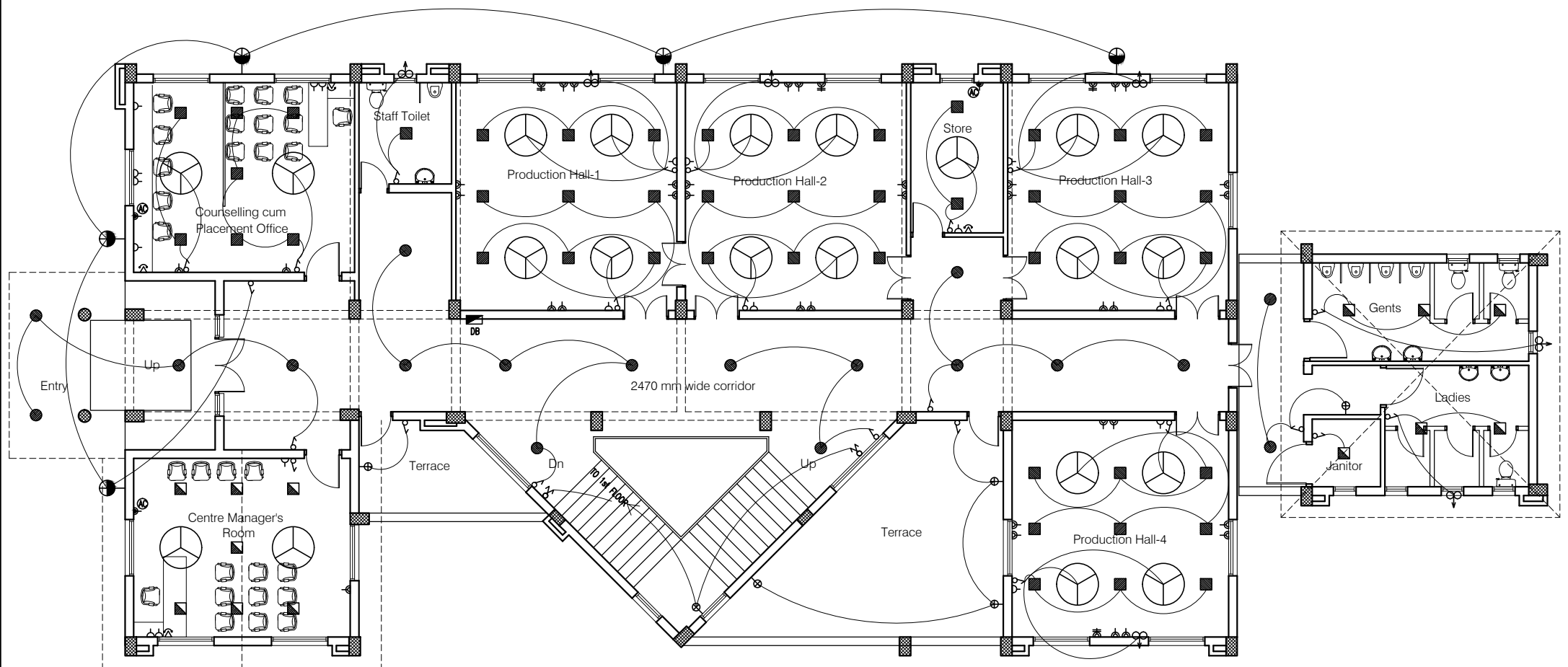


NOTES

1. DRAWING TO BE READ AND NOT MEASURED.
2. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	CONTROL SWITCH BOARD		LSCSM-18W-CDL/NW/WW (Crompton)
	TWO WAY CONTROL SWITCH BOARD		LSCRM-12W-CDL/NW/WW (Crompton)
	6A SWITCH SOCKET OUTLET		BRACKET LIGHT - (Code-2701)
	16A SWITCH SOCKET OUTLET		EXHAUST FAN
	CEILING FAN		TELEPHONE OUTLET
	LCDSPL-S-18-CDL (Crompton)		BULK HEAD CFL - (Code-2711)
	LCDSPL-R-12-CDL (Crompton)		20ASPN SWITCH SOCKET FOR AC
			30A TPN METAL CLAD SOCKET

Project : RURAL LIVELIHOOD CENTRE AT SADAYANA - DISTT-MANDI	
Sheet Title	Date 25-11-16
LOWER GROUND FLOOR PLAN	Scale 1:150
Architects	Drg. No.
	01

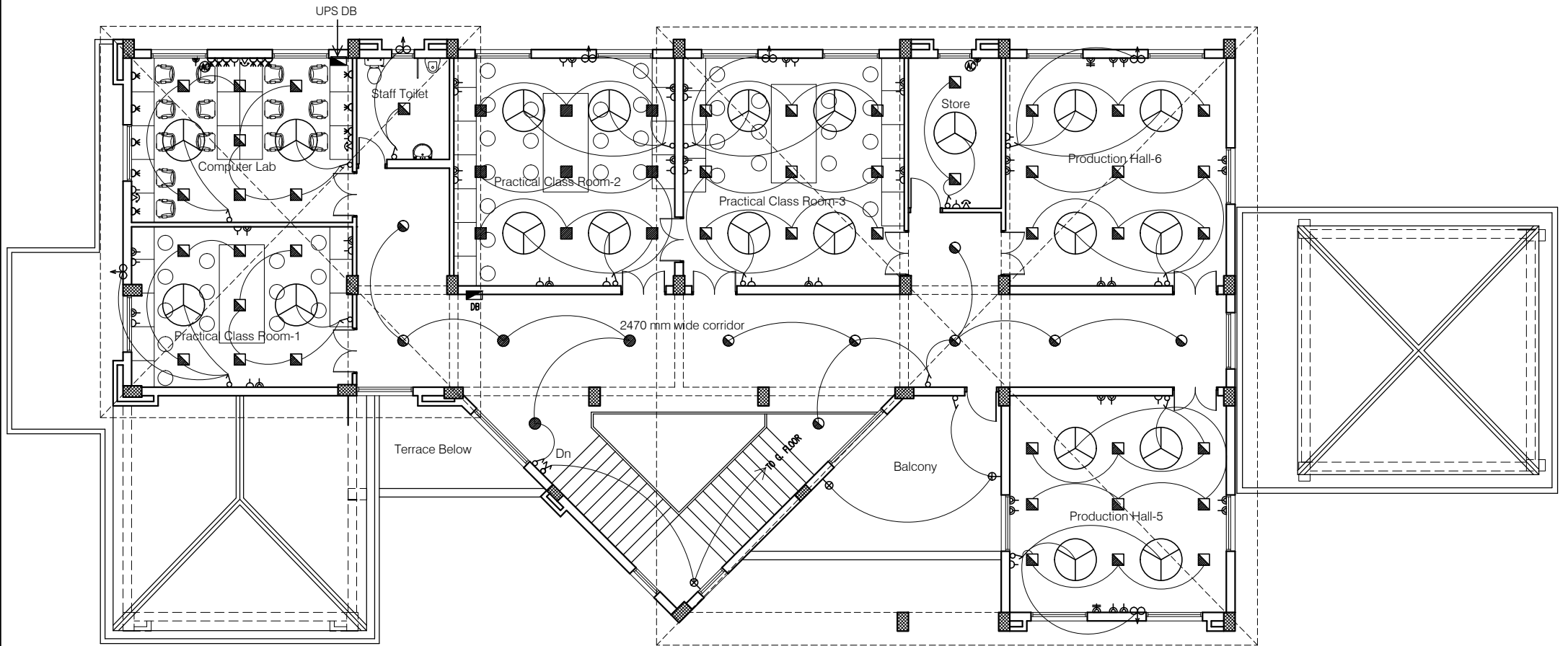


NOTES

- DRAWING TO BE READ AND NOT MEASURED.
- ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	CONTROL SWITCH BOARD		LSCSM-18W-CDL/NW/WW (Crompton)
	TWO WAY CONTROL SWITCH BOARD		LSCRM-12W-CDL/NW/WW (Crompton)
	6A SWITCH SOCKET OUTLET		BRACKET LIGHT - (Code-2701)
	16A SWITCH SOCKET OUTLET		EXHAUST FAN
	CEILING FAN		TELEPHONE OUTLET
	LCDSPL-S-18-CDL (Crompton)		BULK HEAD CFL - (Code-2711)
	LCDSPL-R-12-CDL (Crompton)		20ASPN SWITCH SOCKET FOR AC
			30A TPN METAL CLAD SOCKET

Project : RURAL LIVELIHOOD CENTRE AT SADAYANA - DISTT-MANDI		
Sheet Title	Date	25-11-16
GROUND FLOOR PLAN	Scale	1:150
Architects		Drg. No.
		02

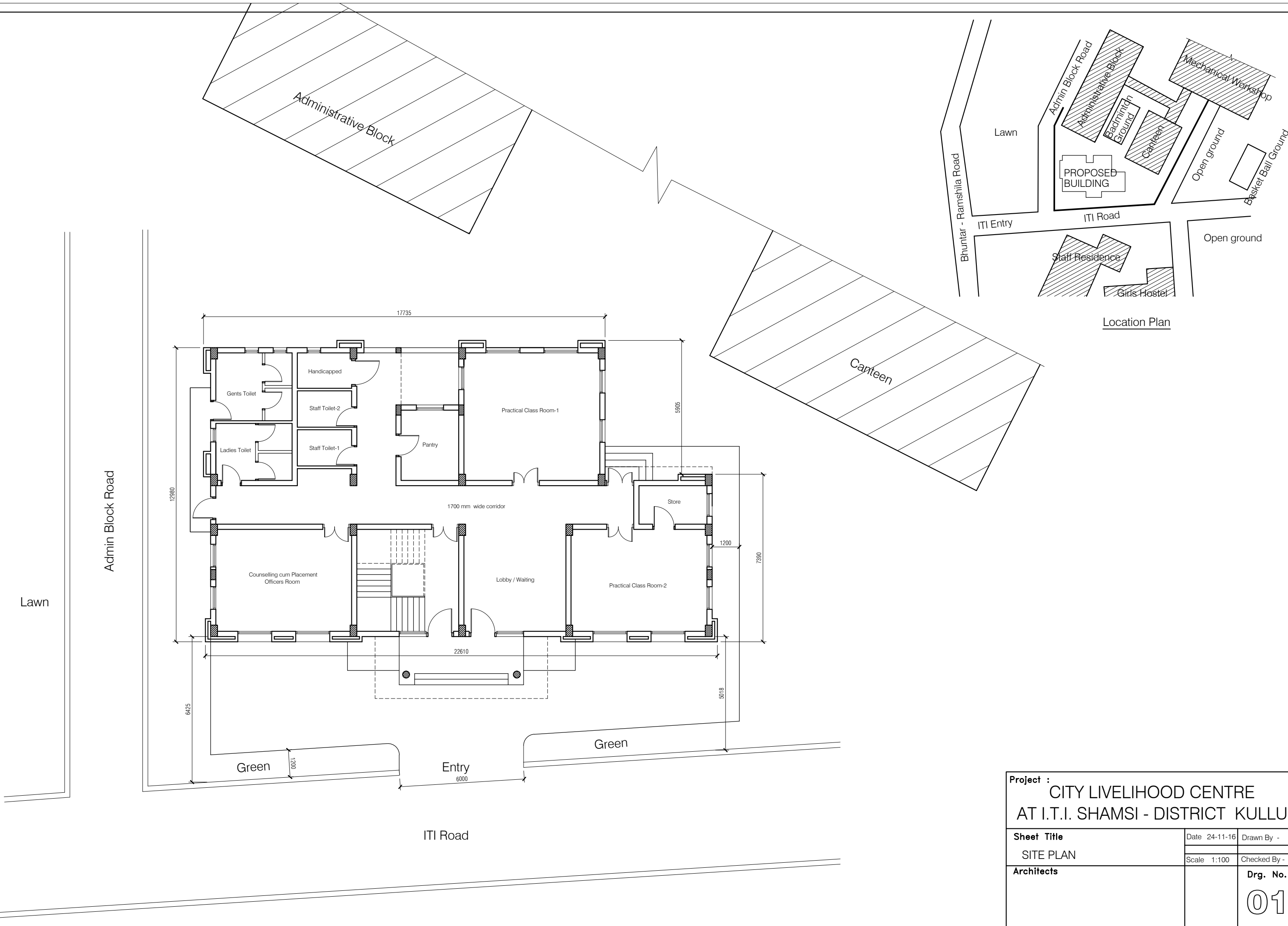


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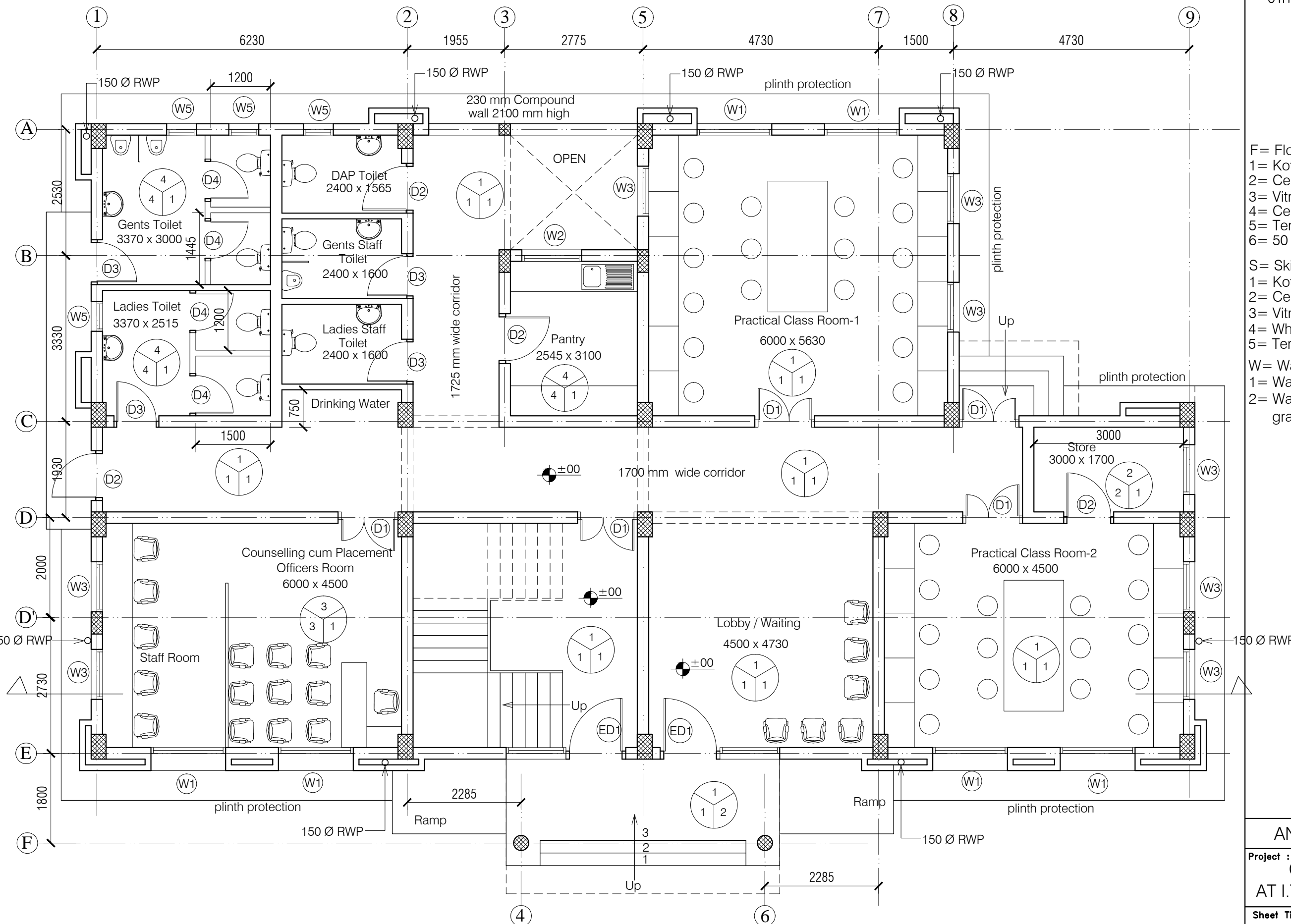
- DRAWING TO BE READ AND NOT MEASURED.
- ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	CONTROL SWITCH BOARD		LSCSM-18W-CDL/NW/WW (Crompton)
	TWO WAY CONTROL SWITCH BOARD		LSCRM-12W-CDL/NW/WW (Crompton)
	6A SWITCH SOCKET OUTLET		BRACKET LIGHT - (Code-2701)
	16A SWITCH SOCKET OUTLET		EXHAUST FAN
	CEILING FAN		TELEPHONE OUTLET
	LCDSPL-S-18-CDL (Crompton)		BULK HEAD CFL - (Code-2711)
	LCDSPL-R-12-CDL (Crompton)		20ASPN SWITCH SOCKET FOR AC
			30A TPN METAL CLAD SOCKET

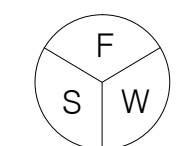
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Sheet Title	First FLOOR PLAN	Date	25-11-16
Architects		Scale	1:150
		Drg. No.	03



Project : CITY LIVELIHOOD CENTRE AT I.T.I. SHAMSI - DISTRICT KULLU		
Sheet Title SITE PLAN	Date 24-11-16	Drawn By -
	Scale 1:100	Checked By -
Architects	Drg. No.	
	01	



- NOTES**
1. DRAWING TO BE READ AND NOT MEASURED.
 2. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.



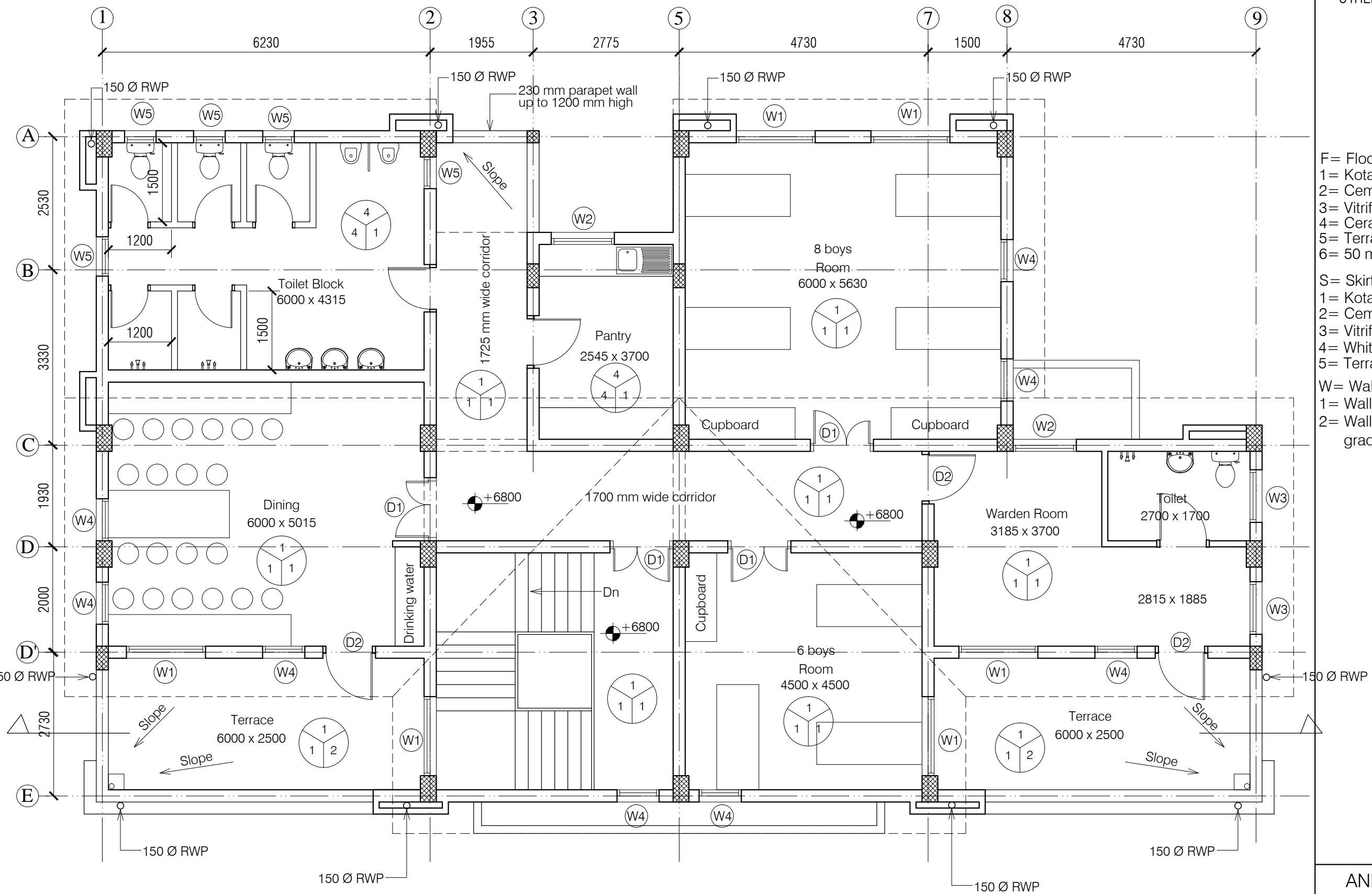
- F= Flooring
S= Skirting / Dado
W= Wall Finishing
- F= Flooring
1= Kota Flooring
2= Cement Flooring
3= Vitrified Tile Flooring
4= Ceramic Tile Flooring
5= Terrazo Flooring
6= 50 mm CC Flooring with Hardener toping
- S= Skirting / Dado
1= Kota Skirting
2= Cement Skirting
3= Vitrified Skirting
4= White Glazed Tile
5= Terrazo Skirting
- W= Wall Finishing
1= Wall Putty + Acrylic Emulsion
2= Wall Putty + Weather Proof Exterior grade Emulsion

DOORS + WINDOWS SCHEDULE			
MKD.	WIDTH	HEIGHT	CILL
ED1	2400	2700	00
DW1	2600	2700	00
D1	1200	2700	00
D2	1000	2700	00
D3	900	2700	00
D4	850	2100	00
W1	1500	1800	900
W2	1200	1800	900
W3	1000	1800	900
W4	800	1800	900
W5	600	1500	1200

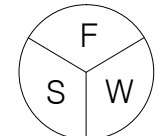
ANNEXURE - A (CIVIL WORK)

Project : CITY LIVELIHOOD CENTRE
AT I.T.I. SHAMSI - DISTRICT KULLU

Sheet Title	Date 24-11-16	Drawn By -
GROUND FLOOR PLAN	Scale 1:100	Checked By -
Architects		Drg. No.
		02



- NOTES**
1. DRAWING TO BE READ AND NOT MEASURED.
 2. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.



- F= Flooring
S= Skirting / Dado
W= Wall Finishing
- F= Flooring
1= Kota Flooring
2= Cement Flooring
3= Vitrified Tile Flooring
4= Ceramic Tile Flooring
5= Terrazzo Flooring
6= 50 mm CC Flooring with Hardener toping
- S= Skirting / Dado
1= Kota Skirting
2= Cement Skirting
3= Vitrified Skirting
4= White Glazed Tile
5= Terrazzo Skirting
- W= Wall Finishing
1= Wall Putty + Acrylic Emulsion
2= Wall Putty + Weather Proof Exterior grade Emulsion

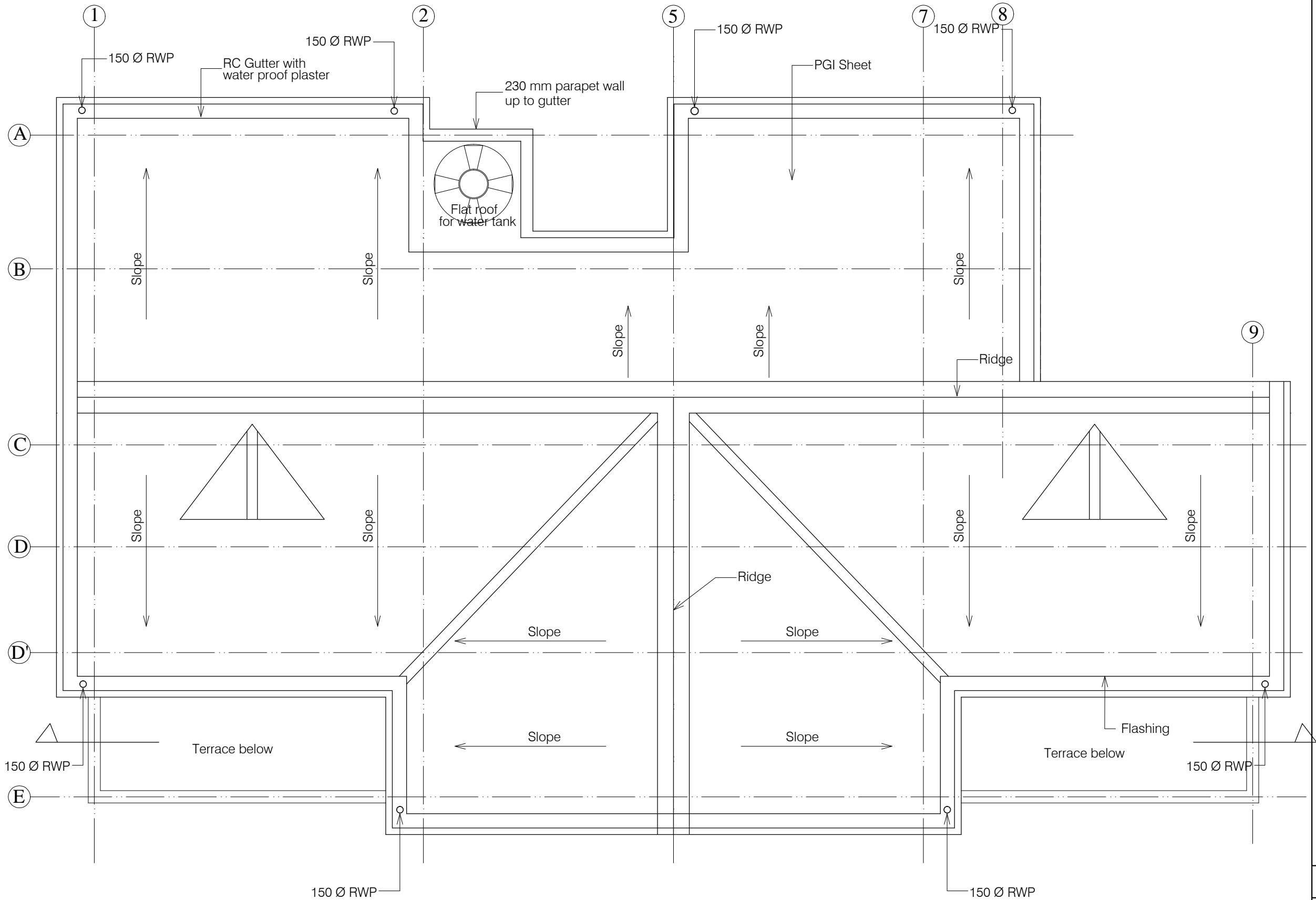
DOORS + WINDOWS SCHEDULE			
MKD.	WIDTH	HEIGHT	CILL
ED1	2400	2700	00
DW1	2600	2700	00
D1	1200	2700	00
D2	1000	2700	00
D3	900	2700	00
D4	850	2100	00
W1	1500	1800	900
W2	1200	1800	900
W3	1000	1800	900
W4	800	1800	900
W5	600	1500	1200

ANNEXURE - A (CIVIL WORK)

Project :

CITY LIVELIHOOD CENTRE
AT I.T.I. SHAMSI - DISTRICT KULLU

Sheet Title SECOND FLOOR PLAN	Date 24-11-16	Drawn By -
	Scale 1:100	Checked By -
Architects		Drg. No. 04



- NOTES**
1. DRAWING TO BE READ AND NOT MEASURED.
 2. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.

ANNEXURE - A (CIVIL WORK)		
Project : CITY LIVELIHOOD CENTRE AT I.T.I. SHAMSI - DISTRICT KULLU		
Sheet Title ROOF PLAN	Date 24-11-16	Drawn By -
	Scale 1:100	Checked By -
Architects		Drg. No. 05



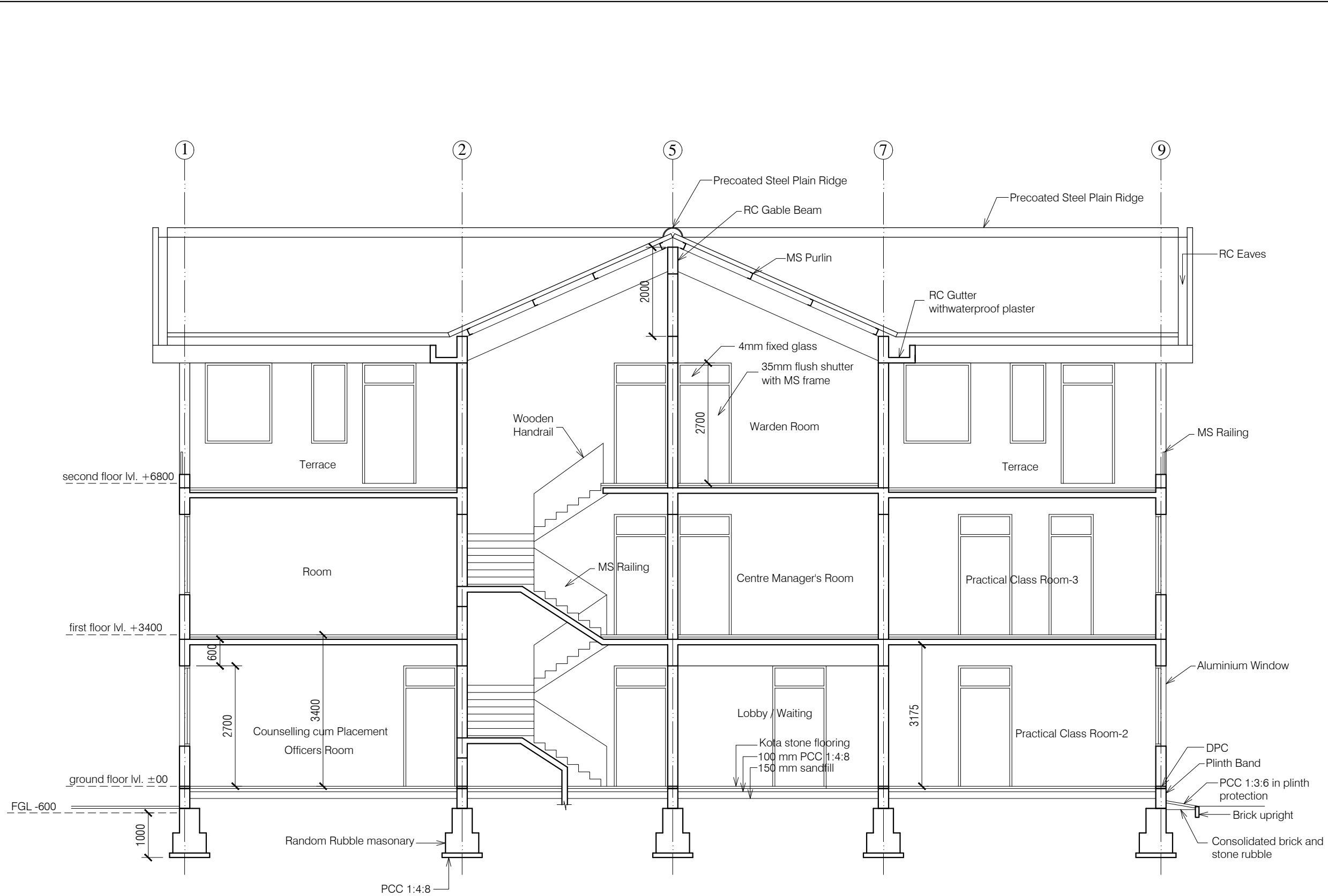
- NOTES
1. DRAWING TO BE READ AND NOT MEASURED.
 2. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.

ANNEXURE - A (CIVIL WORK)

Project :
CITY LIVELIHOOD CENTRE
AT SHAMSI - DISTRICT KULLU

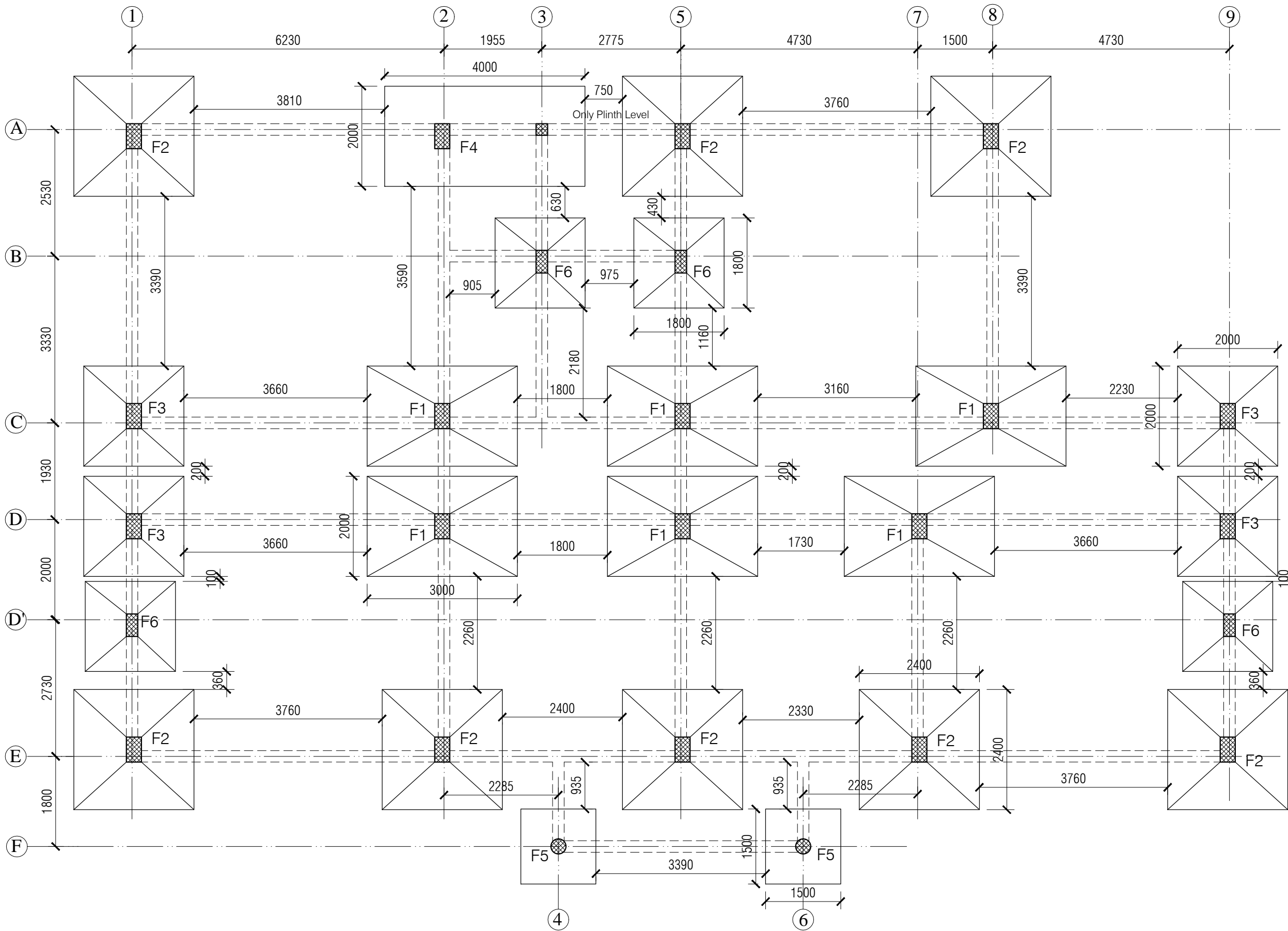
Sheet Title FRONT ELEVATION	Date 24-11-16	Drawn By -
	Scale 1:100	Checked By -

Architects		Drg. No.
		06



- NOTES
1. DRAWING TO BE READ AND NOT MEASURED.
 2. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.

ANNEXURE - A (CIVIL WORK)		
Project : CITY LIVELIHOOD CENTRE AT SHAMSI - DISTRICT KULLU		
Sheet Title	Date 24-11-16	Drawn By -
SECTION	Scale 1:100	Checked By -
Architects		Drg. No. 07



- NOTES
- 1. DRAWING TO BE READ AND NOT MEASURED.
 - 2. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.

COLUMN SCHEDULE			
MKD.	L	B	H
C1	500	300	
C2	450	230	
C3	300	300	
C4	230	230	

FOOTING SCHEDULE			
MKD.	L	B	H
F1	3000	2000	250 /250
F2	2400	2400	250 /250
F3	2000	2000	250 /250
F4	2000	4000	500
F5	1500	1500	300
F6	1800	1800	250 /250

ANNEXURE - A (CIVIL WORK)

Project :

CITY LIVELIHOOD CENTRE
AT I.T.I. SHAMSI - DISTRICT KULLU

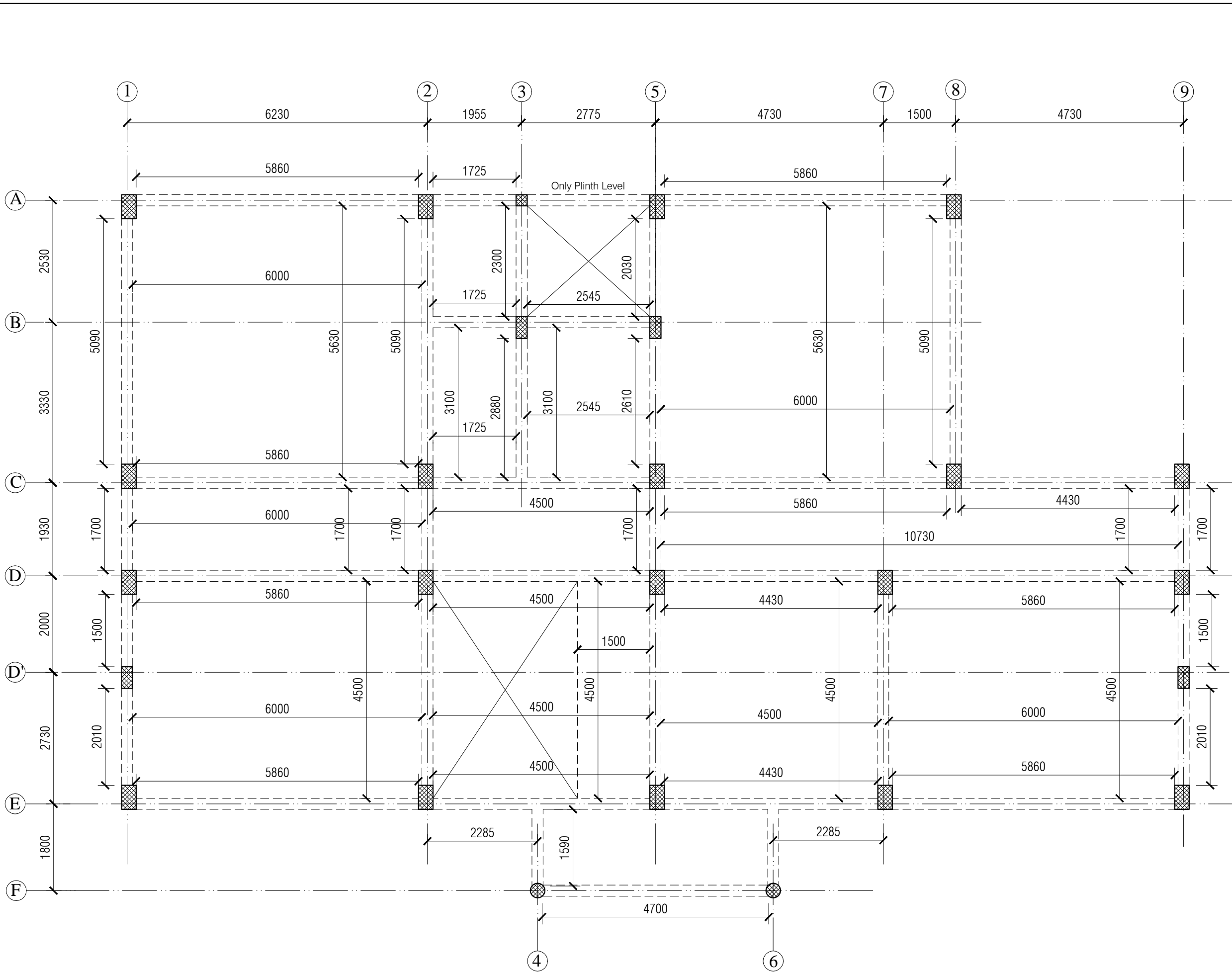
Sheet Title
FOOTING PLAN

Date 24-11-16
Scale 1:100

Architects

Drawn By -
Checked By -

Drg. No.
08



- NOTES
1. DRAWING TO BE READ AND NOT MEASURED.
 2. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.

ANNEXURE - A (CIVIL WORK)

Project :
CITY LIVELIHOOD CENTRE
AT I.T.I. SHAMSI - DISTRICT KULLU

Sheet Title
BEAM DETAILS

Date 24-11-16
Scale 1:100

Drawn By -
Checked By -

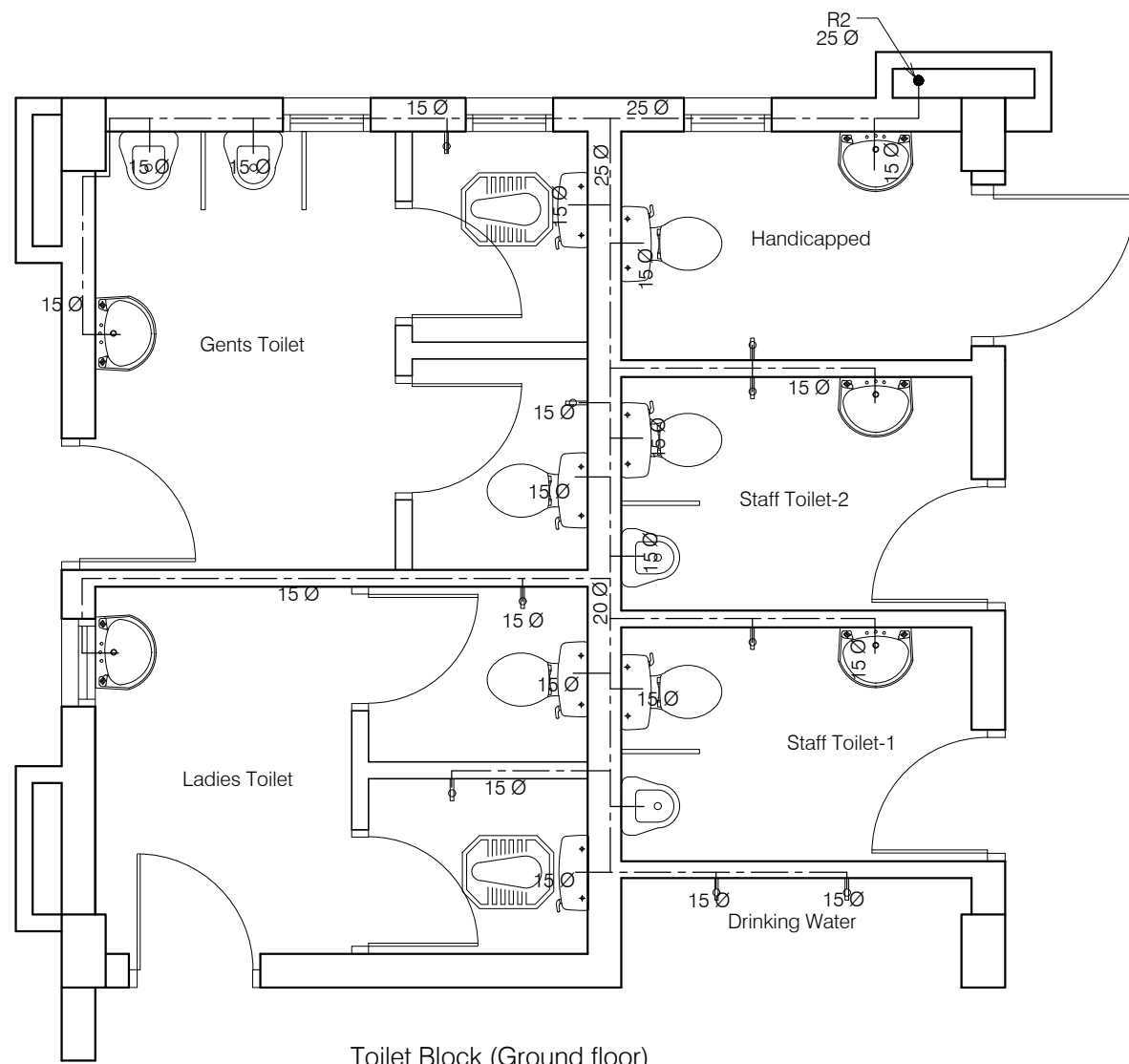
Architects

Drg. No.
09

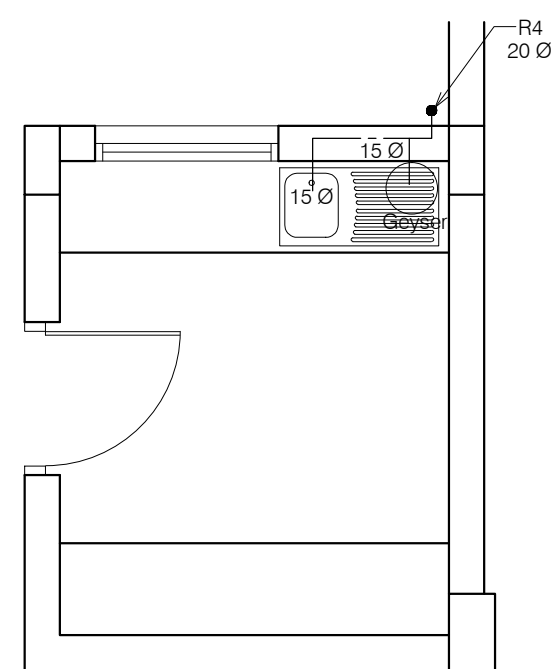
SPECIFICATION

<u>Reinforcement Cement Concrete (R.C.C.)</u>	Cement concrete 1:1.5:3 (One cement one and half sand : three graded stone aggregate 20nm nominal size)	<u>Aluminium Work</u>	Anodized aluminum work for doors, windows, ventilators and partitions with standard tubular sections appropriate z sections and other sections of approved make including necessary filling gaps at junctions at top bottom and sides with required PVC/neoprene/felt/ silicone sealant; aluminum sections shall be smooth rust free, straight mitred and jointed mechanically including cleat angle, snap beadingCP brass/ stainless steel screws complete as per drawings. Approved From this office.
<u>P.C.C.</u>	Cement concrete 1:4:8 (one cement: four sand: eight graded stone aggregate 40 mm nominal size)		
<u>D.P.C.</u>	Damp Proof Course 50mm thick with cement concrete 1:2:4 (1 cement :2 sand:4 graded stone aggregate 20mm nominal size)		
<u>Plinth Protection</u>	1- Plinth protection 50mm thick in cement concrete 1:3:6 (1 cement: 3 sand : 6 Graded stone aggregate 20mm nominal size)	<u>Doors Frame</u>	Angle iron door, window, clerestory window frame manufactured from steel section 40 x 40 x 6mm, including hinges jamb, lock jamb etc. Approved From this office.
	2- Under layer for plinth protection of 75 mm thick (unconsolidated) bed of dry brick/ stone aggregate 40 mm nominal size rammed consolidated and grouted with fine sand including preparation of ground.	<u>Doors Shutter</u>	35 mm thick flush shutters, interior grade, commercial type, core of block board construction with frame of first class hard wood well matched commercial ply veneering , with vertical grains of cross ands and face veneers on both side. Approved From this office.
	3- Brick edging (brick laid on edge) to plinth protection with bricks including grouting with cement mortar 1:4 (1 cement: 4 sand)	<u>Windows Frame</u>	M.S. tubular frames for windows and ventilators with hollow section as approved including MS flats with 15x3 mm lugs 10 mm long with bolts and nuts as required including fixing of necessary butt hinges and screws. Approved From this office.
<u>Brick Work</u>	1- Second Class Brick work using common burnt clay building bricks in foundation and plinth & Superstructure above plinth level up to all levels. cement mortar 1:6 (1 Cement: 6 Sand)	<u>Windows Shutter</u>	Steel glazed doors, windows and ventilators of standard rolled steel sections, z sections. Approved From this office.
	2- Second Class Half brick work using common burnt Clay building bricks in super structure above plinth level up to floor all level using first class, building bricks in cement mortar 1:4 (1 cement : 4 sand)	<u>Railing and Hand Rail</u>	Steel work welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of red lead paint. Approved From this office.
		<u>Sanitary Fixture</u>	
<u>Flooring</u> Rooms and Corridors	40 mm thick kota stone slab flooring with 20 mm thick base of cement mortor 1:4 (one cement is to four sand) of size 55 x 55 cm.	IWC	Ornssa Pattern vitreous china water closet squatting pan (Indian type W.C. pan) size 580 mm with foot rest and traps Approved From this office.
		EWC	Ordinary closet vitreous china wash ,down water closet (European type W.C. pan) with P or S traps Approved From this office.
		Urinal	White vitreous flat back or wall corner type lipped front urinal basin of 430 x 260 x 350 mm and 340 x 430 x 265 mm size with automatic flushing cistern with all type fittings.
Manager's & Computer Room	Spartic ceramic tiles 5.5mm thick in flooring (300x300mm size) flooring laid on a bed of 12mm thick cement mortar 1:3(1 cement :3 sand)	Wash basin	550 mm x 400 mm flat back White vitreous china wash basin with single hole for pillar tap with C.I. or M.S. brackets. Approved From this office.
Stores	40 mm thick cement concrete flooring 1:2:4 (1 cement:2 sand:4 graded stone. aggregate 20 mm nominal size) laid one layer finished with a floating coat of neat cement.	<u>Electrical</u>	Concealed PVC wiring.all electrical fittings to be provided as per electrical layout plan. Approved From this office.
<u>Dado & Skirting</u> Rooms and Corridors	Kota stone slab 25 mm thick in risers of steps ,skirting dado laid on 12 mm (average) thick cement mortar 1:3 (one cement is to three sand)		
Manager's & Computer Room	Vitrified tiles (300x300mm x 8mm) in grey/colour of required shade in skirting, risers of steps and dados laid over 12mm thick cement mortar 1 :3(1 cement :3sand)		
Stores	22 mm thick cement plaster skirting in all heights with cement mortar 1 :3 (1 cement: 3 sand)		
<u>Roofing</u>	0.60 mm thick prepainted steel sheet in roofing with hot dipped metalic zinc coated sheet with top coat of regular modified polyster (RNP) complete with all accessories as required.including Ridge or hips and Valley as required. Approved From this office.		
<u>Pastering</u> Ceiling plaster	6 mm thick cement plaster with cement mortar 1:3 (1 cement :3 Sand).		
Internal & External Plaster	15 mm thick cement plaster Fair and rough side with cement mortar 1:6 (1 cement :6 Sand). Approved From this office.		
<u>Painting</u> Ceiling paint	Distempering with dry distemper of approved brand and manufacture (two coats) on decorated wall surfaces to give an even shade.		
Internal paint	Wall painting (two coats) with acrylic emulsion paint of approved brand and manufacture for interior grade. Approved From this office.		
External paint	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or its equivalant on undecorated wall surfaces (two coats) to give an even shade. Approved From this office.		

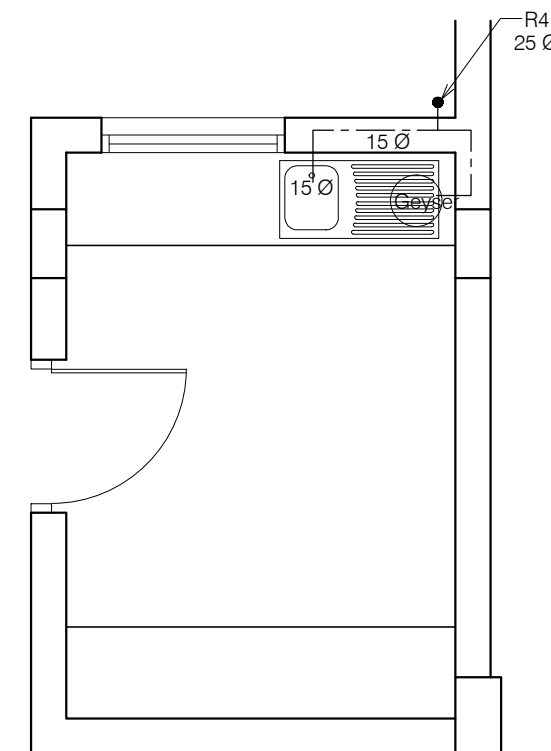
ANNEXURE - A (CIVIL WORK)		
Project : CITY LIVELIHOOD CENTRE AT I.T.I. SHAMSI - DISTRICT KULLU		
Sheet Title SPECIFICATION	Date 24-11-16	Drawn By -
	Scale 1:100	Checked By -
Architects		Drg. No. 10



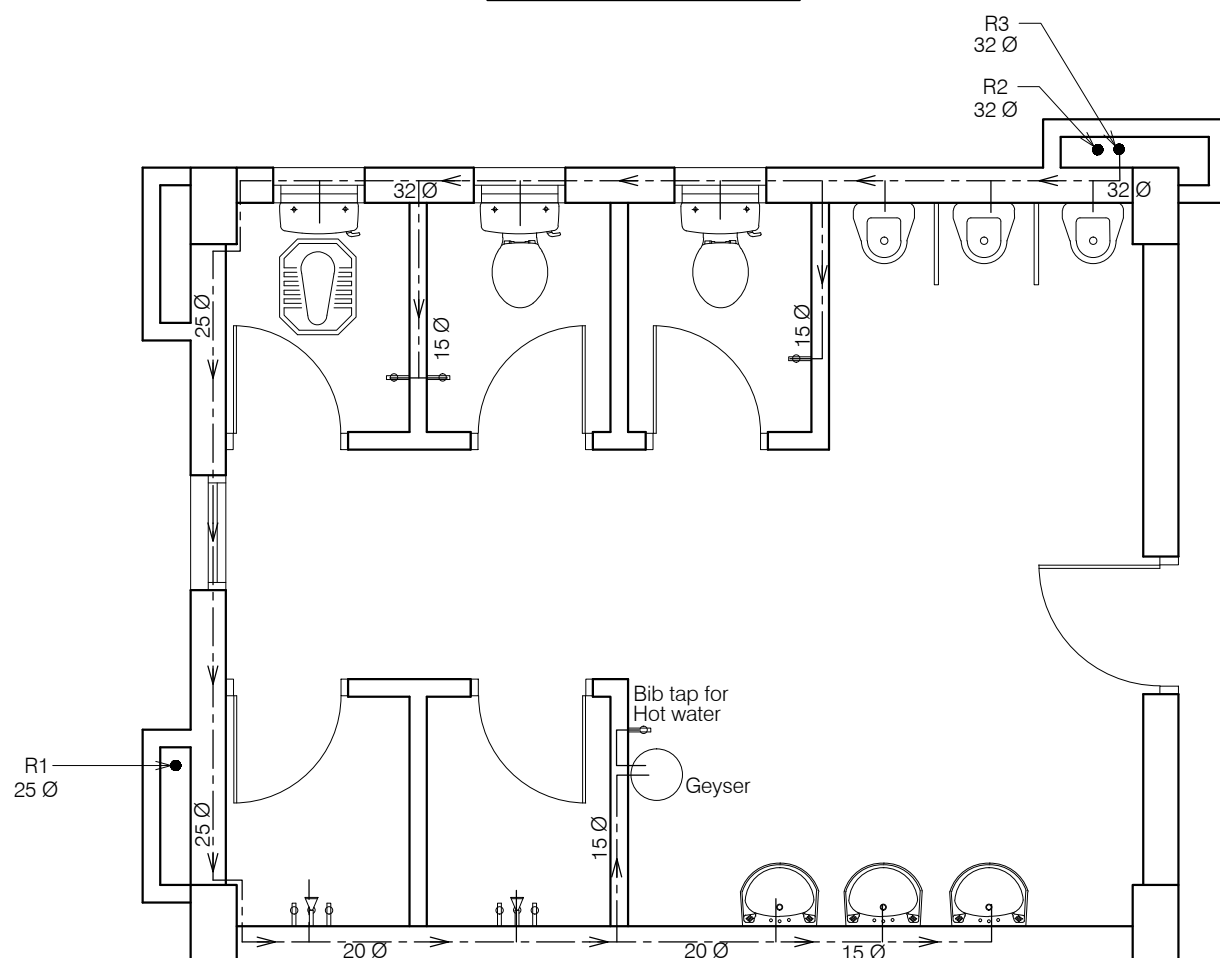
Toilet Block (Ground floor)



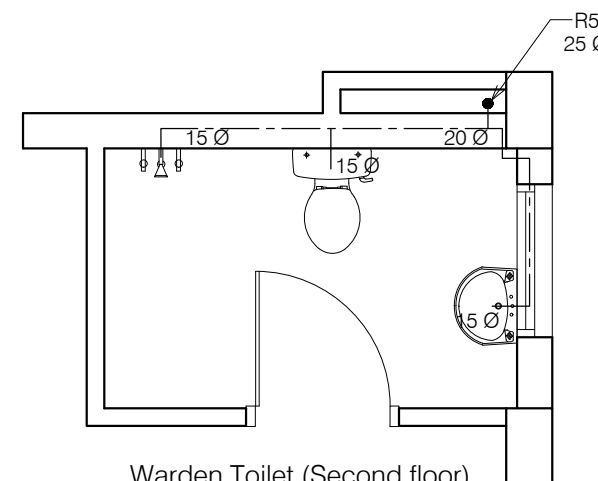
Pantry (Ground floor)



Pantry (Second floor)



Toilet Block (First & Second floor)



Warden Toilet (Second floor)

NOTES

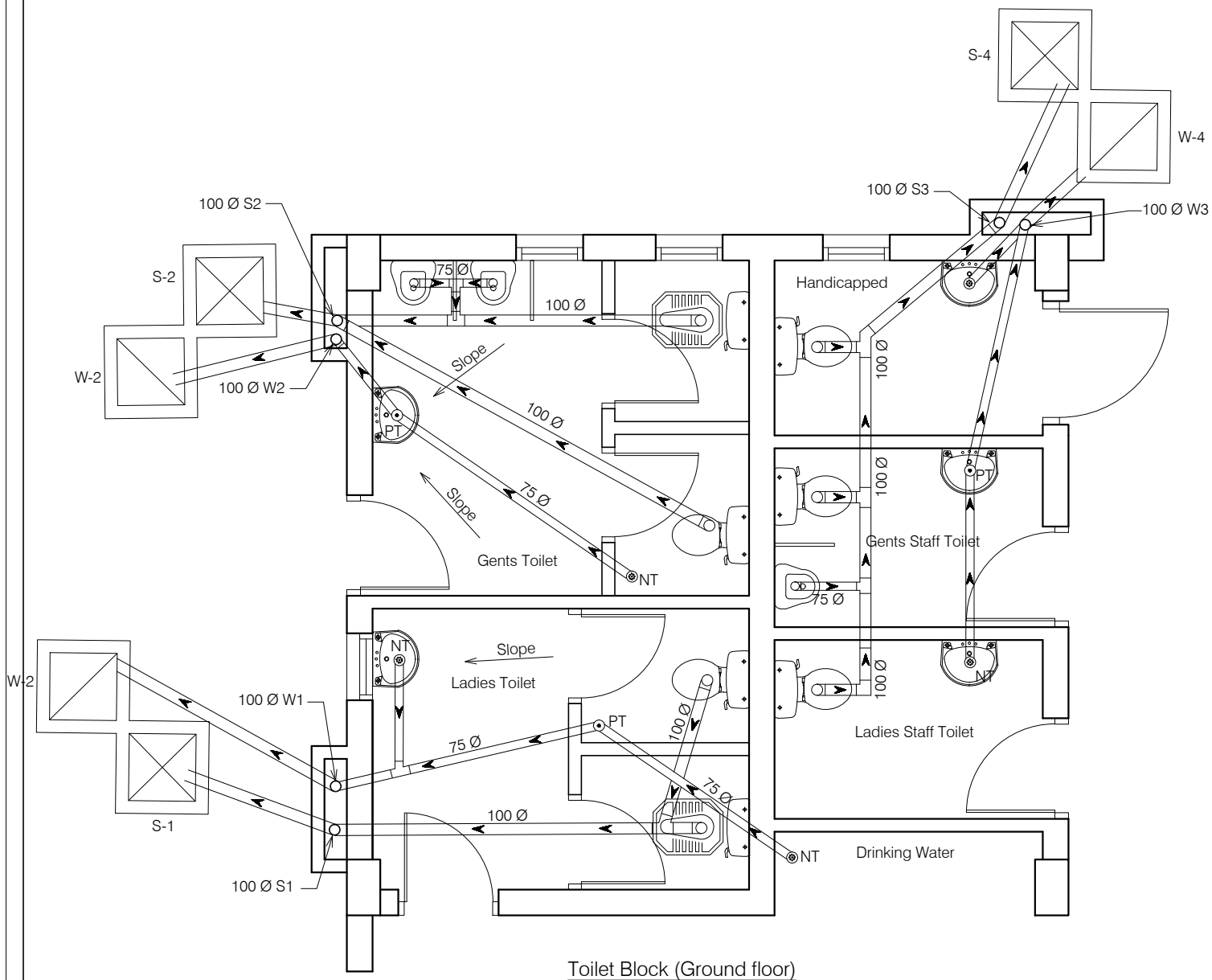
1. DRAWING TO BE READ AND NOT MEASURED.
2. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.

ANNEXURE - B (WS & SI)

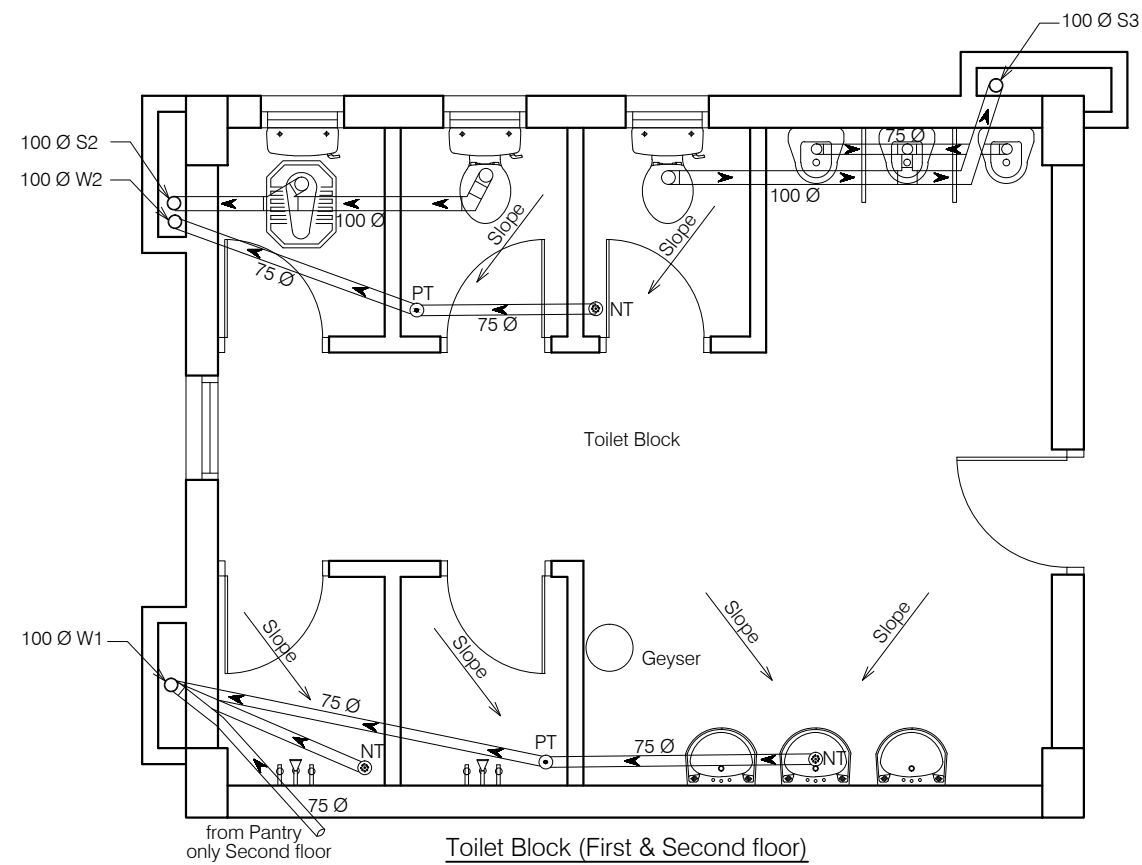
Project :
CITY LIVELIHOOD CENTRE
AT SHAMSI - DISTRICT KULLU

Sheet Title	Date 24-11-16	Drawn By -
	Scale 1:50	Checked By -
Architects		Drg. No.

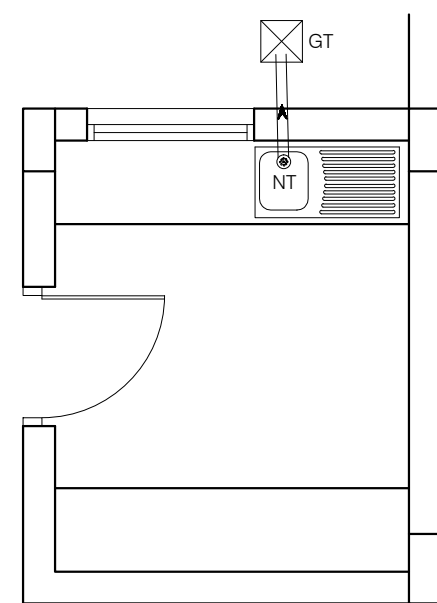
11



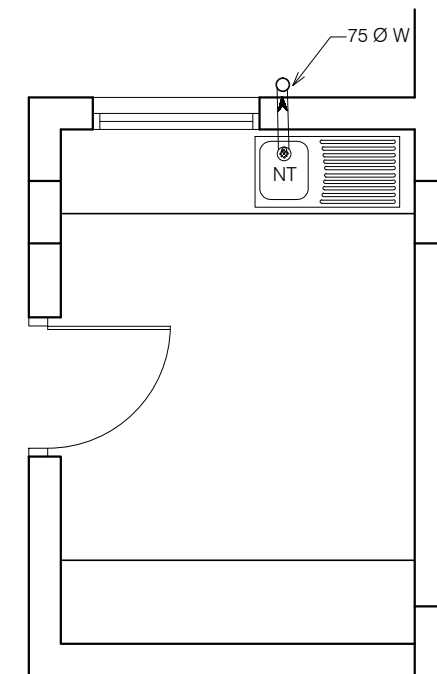
Toilet Block (Ground floor)



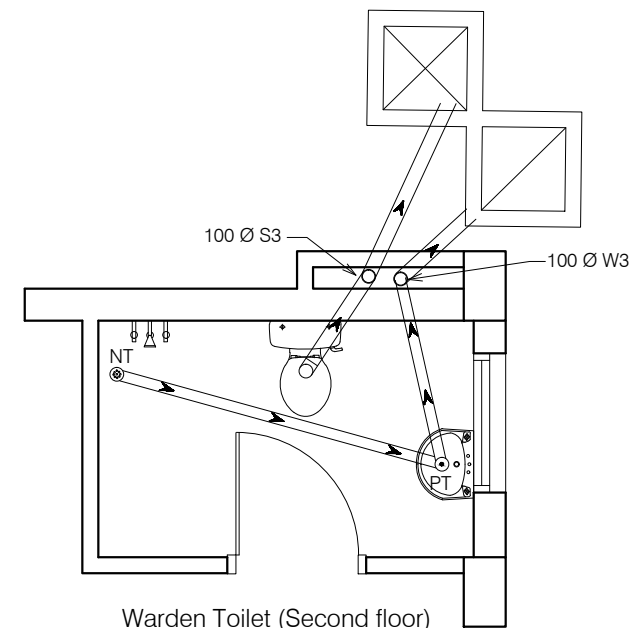
Toilet Block (First & Second floor)



Pantry (Ground floor)



Pantry (Second floor)



Warden Toilet (Second floor)

NOTES

1. DRAWING TO BE READ AND NOT MEASURED.
2. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.

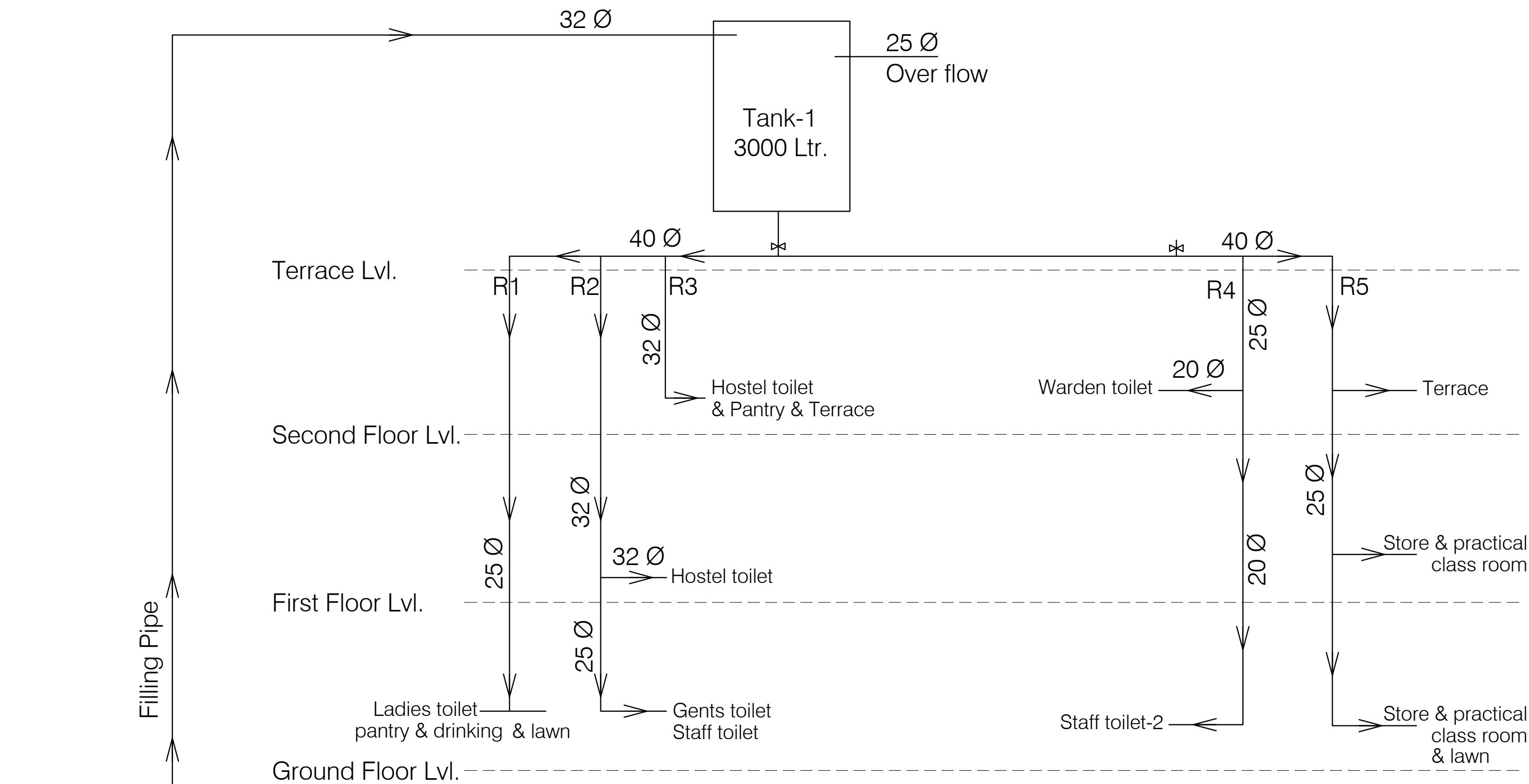
ANNEXURE - B (WS & SI)

Project :
CITY LIVELIHOOD CENTRE
AT SHAMSI - DISTRICT KULLU

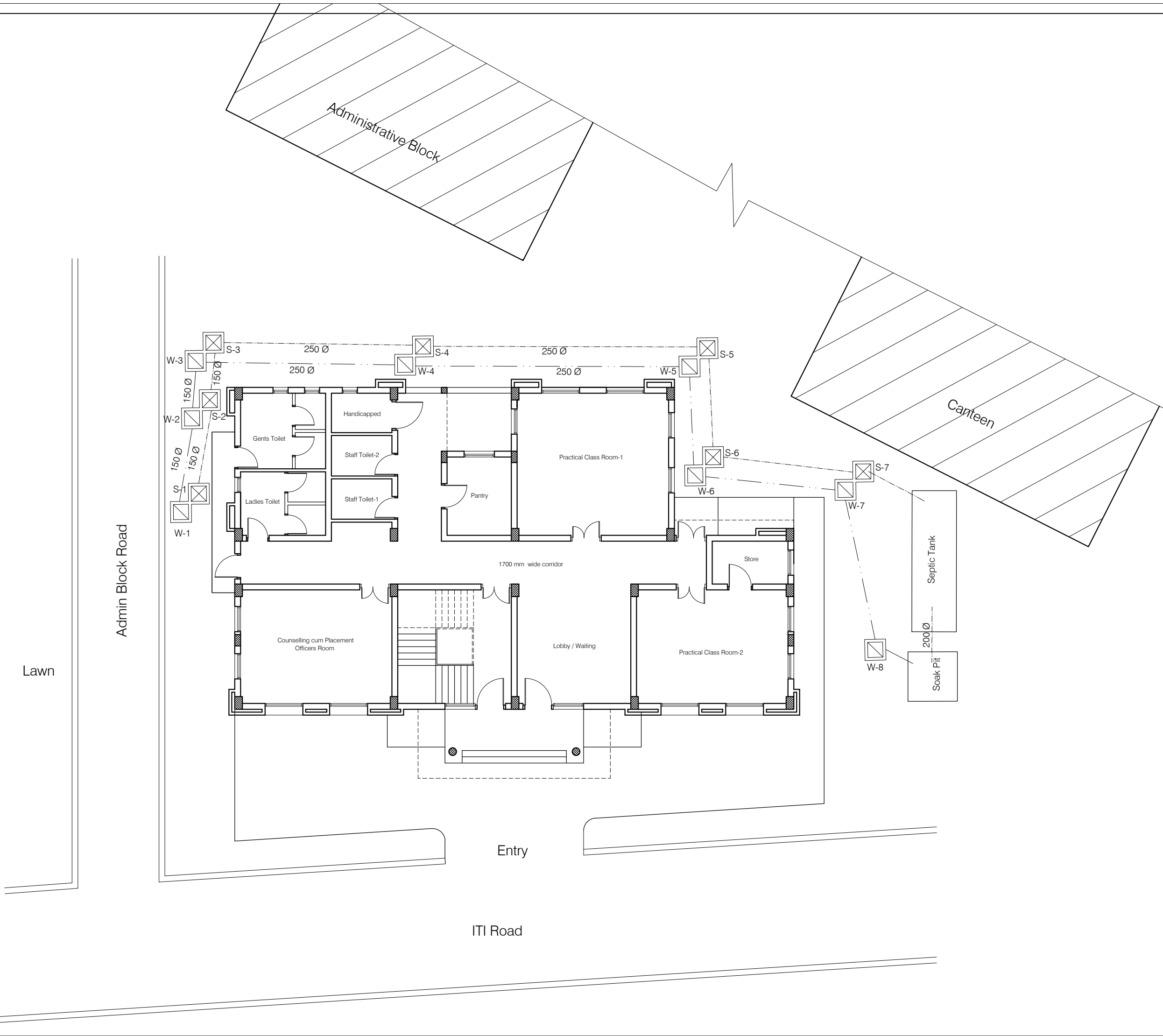
Sheet Title	Date	Drawn By
SANITARY - PLUMBING LAYOUT	24-11-16	-
Architects	Scale	Checked By
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Drg. No.

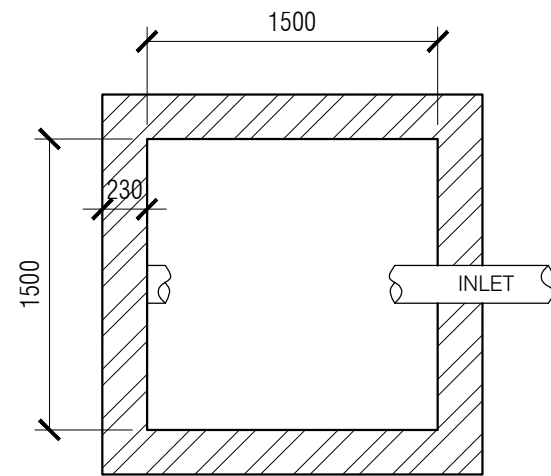
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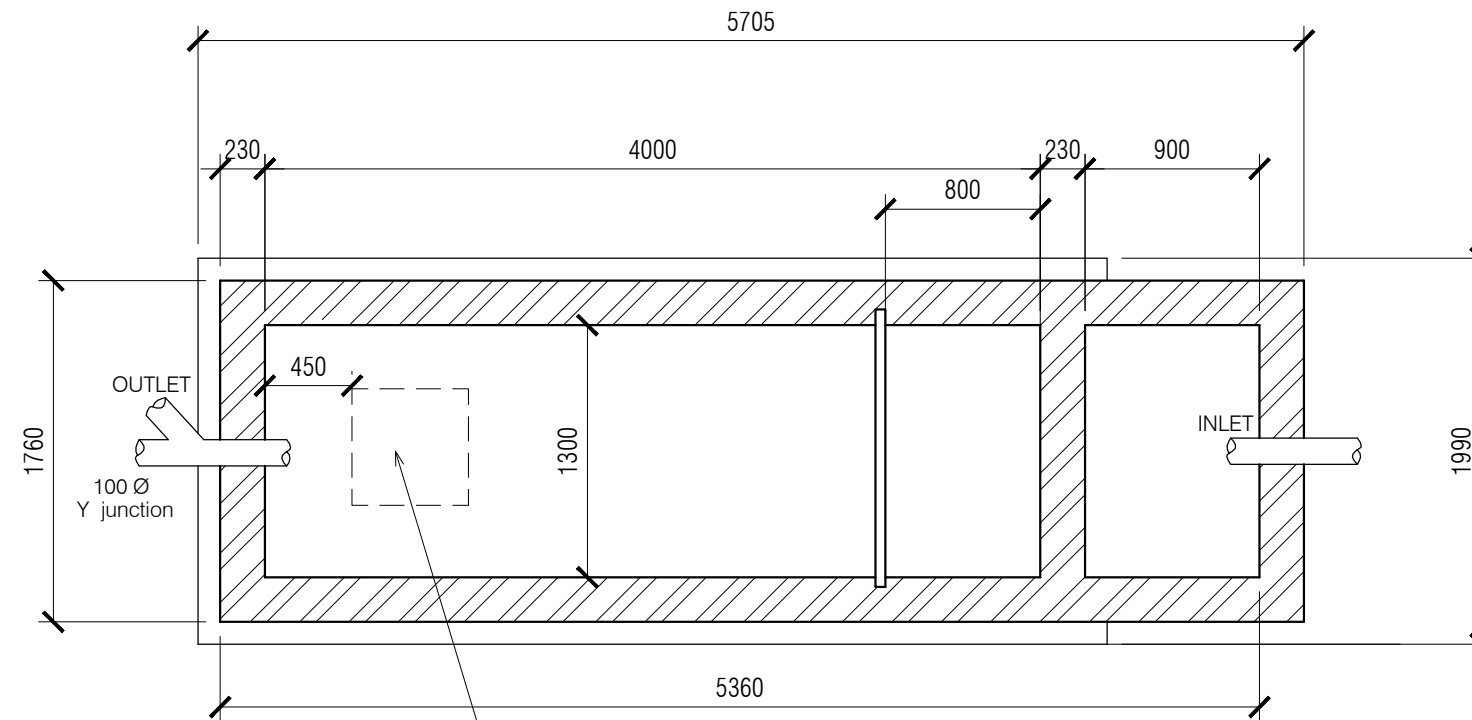
ANNEXURE - B (WS & SI)		
Project : CITY LIVELIHOOD CENTRE AT SHAMSI - DISTRICT KULLU		
Sheet Title SANITARY -SINGLE LINE DIAGRAM	Date 24-11-16	Drawn By -
	Scale 1:50	Checked By -
Architects		Drg. No. 13



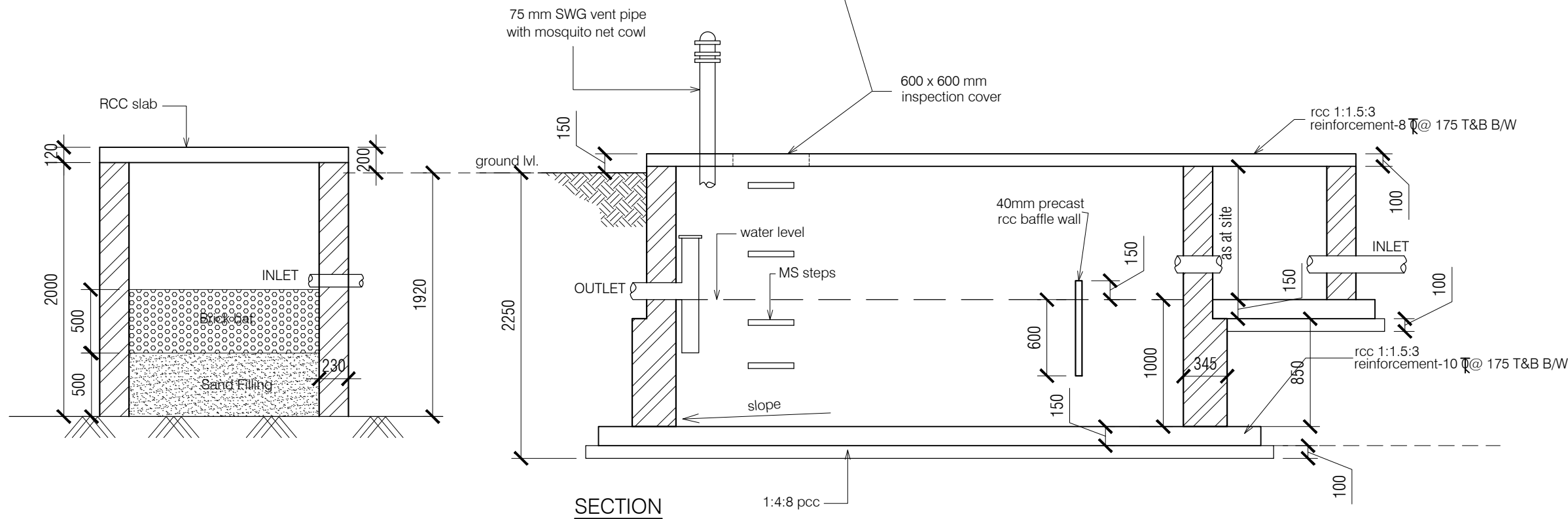
ANNEXURE - C (Septic Tank)		
Project : CITY LIVELIHOOD CENTRE AT SHAMSI - DISTRICT KULLU		
Sheet Title SITE PLAN	Date 24-11-16	Drawn By -
	Scale 1:50	Checked By -
Architects		Drg. No. 14



PLAN OF SOAK PIT



PLAN OF SEPTIC TANK



SECTION

NOTES:

1. DRAWING TO BE READ AND NOT MEASURED.
2. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
3. SANITARY DRAWINGS SHALL BE READ IN CONJUNCTION WITH SITE DEVELOPMENT DRAWINGS AND ANY DISCREPANCY OBSERVED SHALL BE REPORTED TO THE ARCHITECT.
4. ALL INNER AND OUTER WALLS TO BE FINISHED WITH WATER PROOF PLASTER.

ANNEXURE - C (Septic Tank)

Project :

Septic Tank and Soak Pit

Sheet Title

PLAN & SECTION

Date 24-11-16

Drawn By -

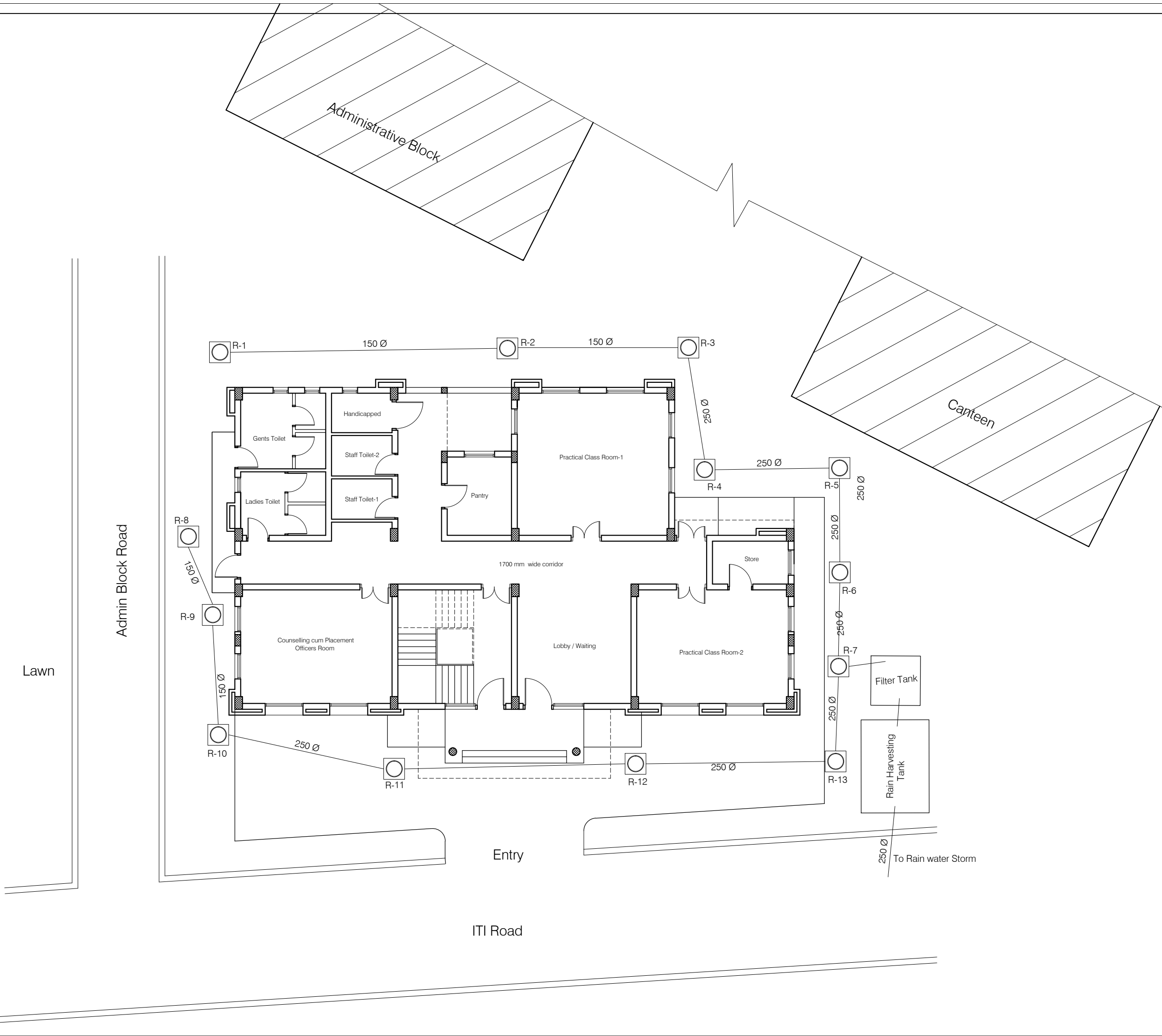
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Checked By -

Architects

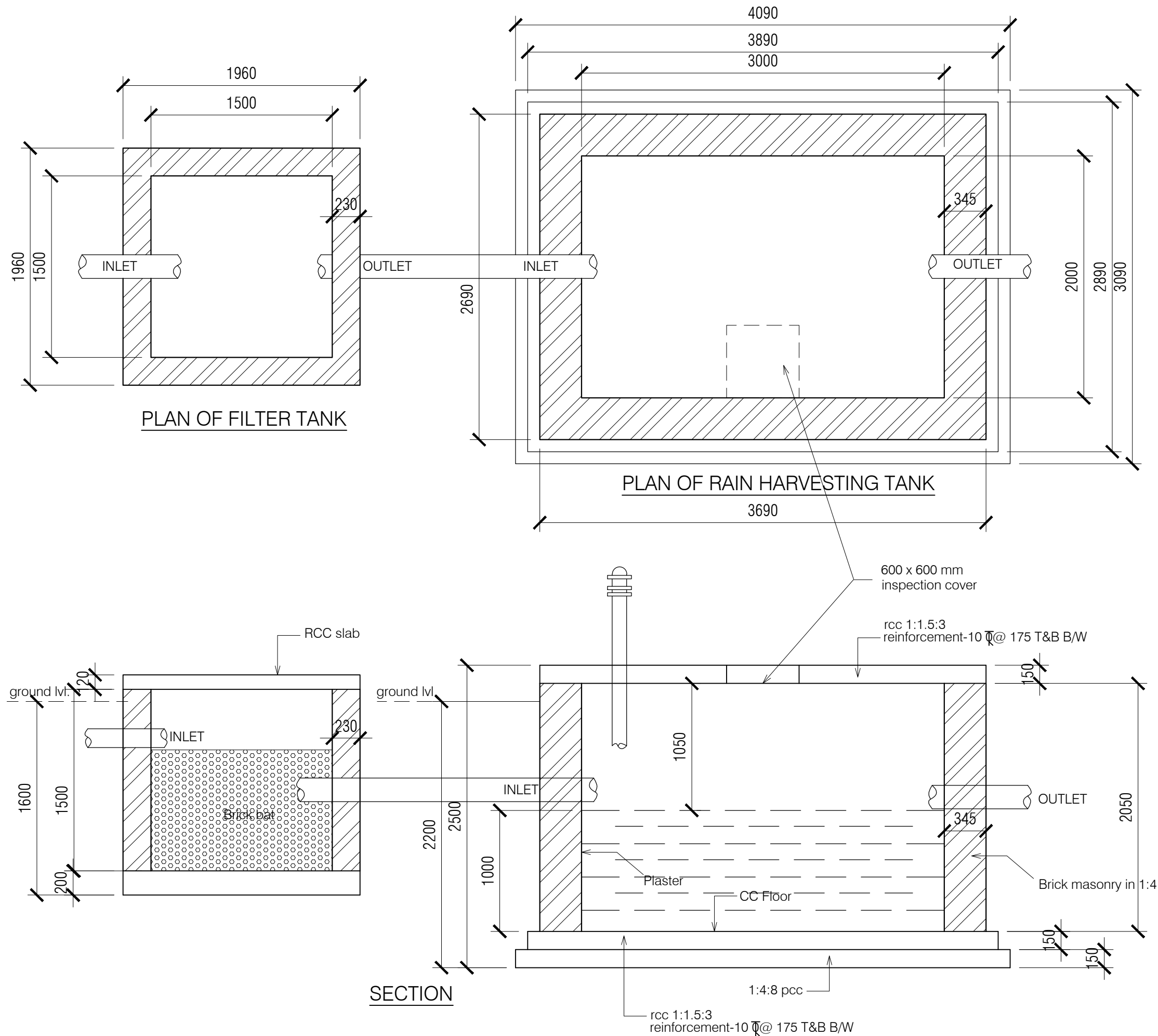
Drg. No.

15



ANNEXURE - D (Rain water Harvesting)		
Project : CITY LIVELIHOOD CENTRE AT SHAMSI - DISTRICT KULLU		
Sheet Title	Date 24-11-16	Drawn By -
SITE PLAN	Scale 1:50	Checked By -
Architects		Drg. No. 16

- NOTES:
1. DRAWING TO BE READ AND NOT MEASURED.
 2. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
 3. SANITARY DRAWINGS SHALL BE READ IN CONJUNCTION WITH SITE DEVELOPMENT DRAWINGS AND ANY DISCREPANCY OBSERVED SHALL BE REPORTED TO THE ARCHITECT.
 4. ALL INNER AND OUTER WALLS TO BE FINISHED WITH WATER PROOF PLASTER.



ANNEXURE - D (Rain water Harvesting)		
Project : Rain Harvesting Tank		
Sheet Title PLAN & SECTION	Date 24-11-16	Drawn By -
	Scale 1:100	Checked By -
Architects		Drg. No. 17

SUPPORTING SKILL DEVELOPMENT IN HIMACHAL PRADESH

PROPOSAL FOR DEVELOPMENT OF CITY LIVELIHOOD CENTRE AT I.T.I. SHAMSHI

29th Sep. 2016

SHAMSHI- DISTRICT KULLU

(31.894985 77.138505)

DEPARTMENT OF TECHNICAL EDUCATION



LOCATION MAP SHOWING PROPOSED SITE

**VIEW OF SITE FROM ADMIN
BLOCK ROAD**



**VIEW OF SITE FROM FRONT
ROAD**

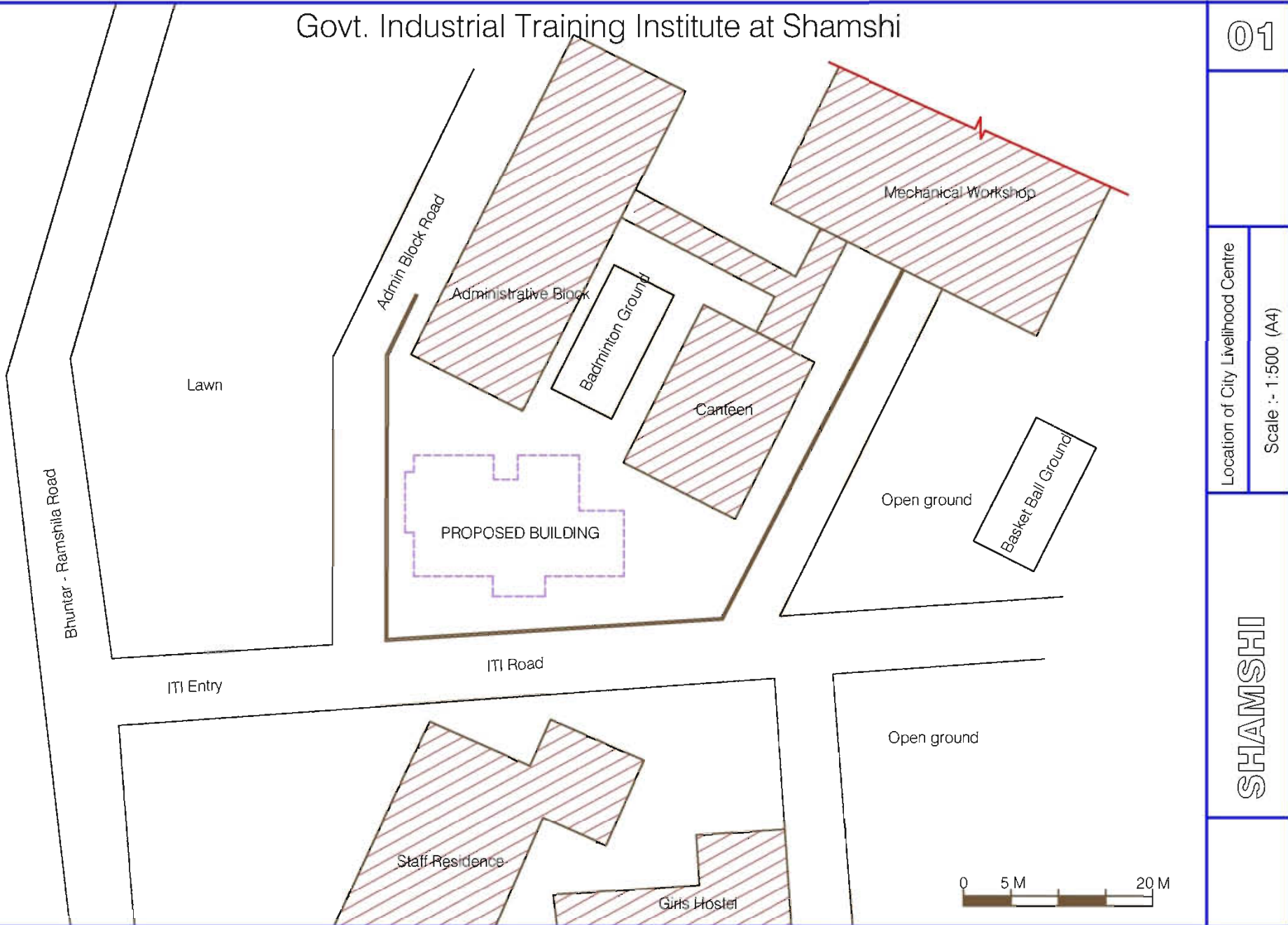
Govt. Industrial Training Institute at Shamshi

01

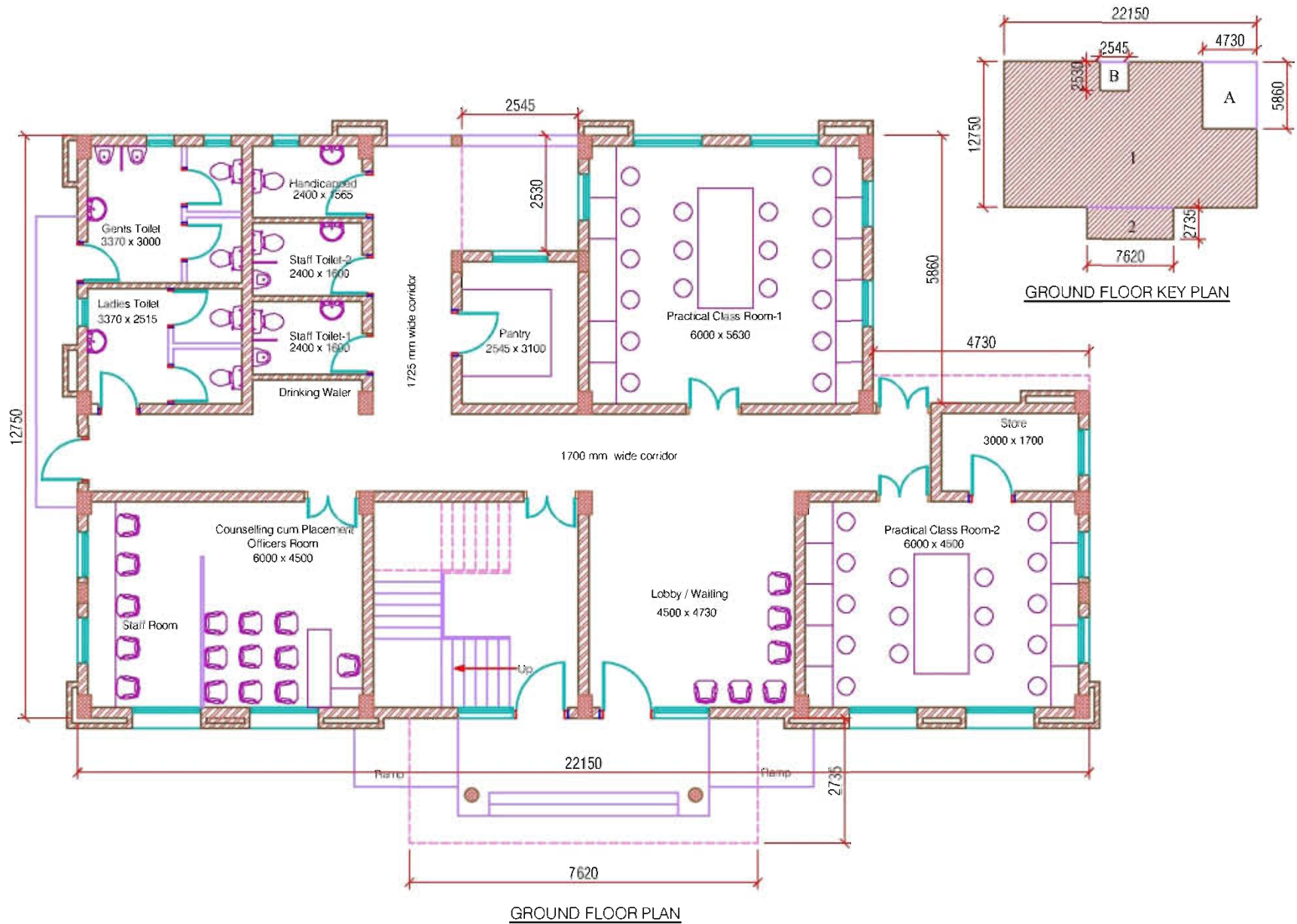
Location of City Livelihood Centre

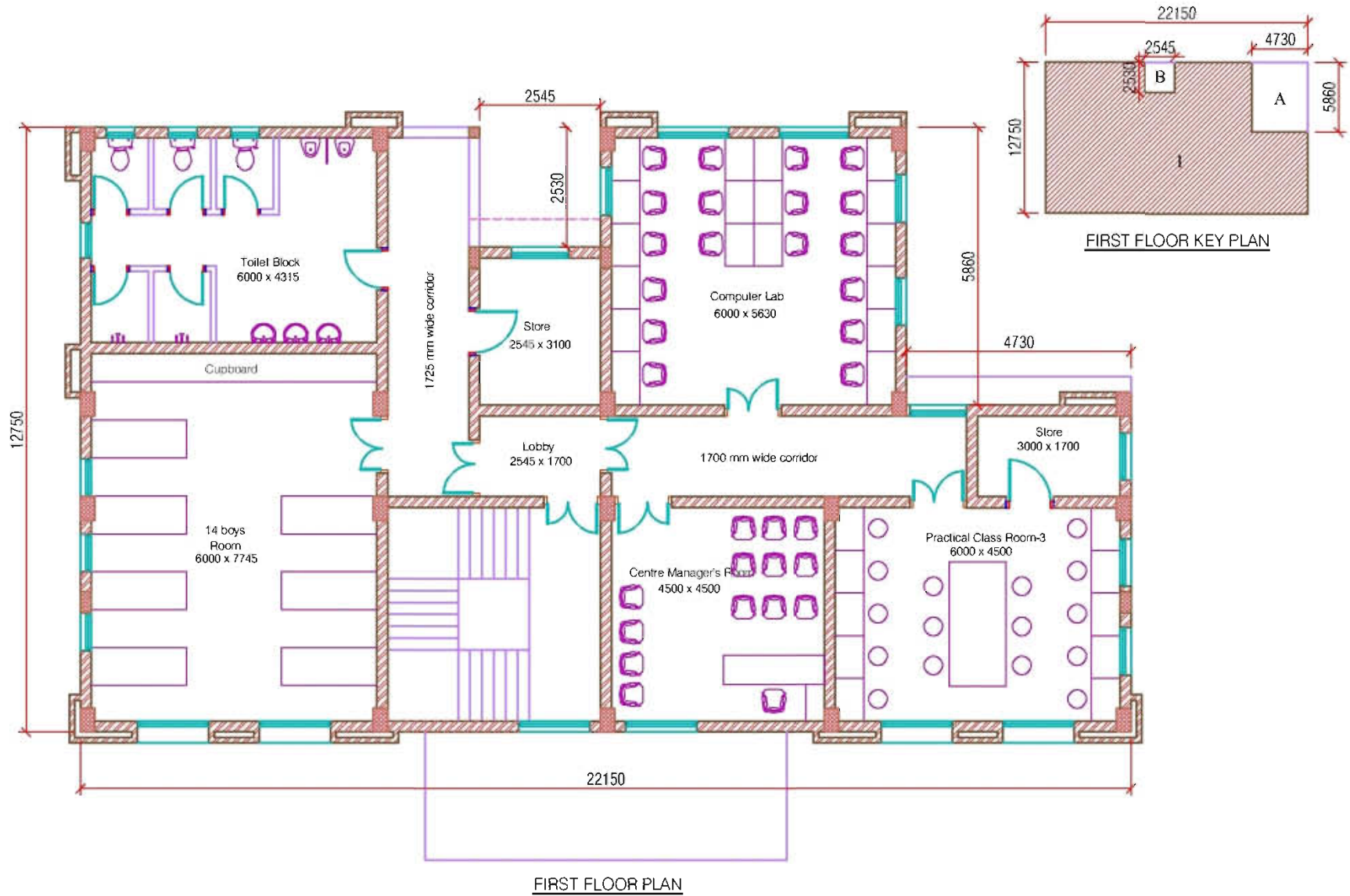
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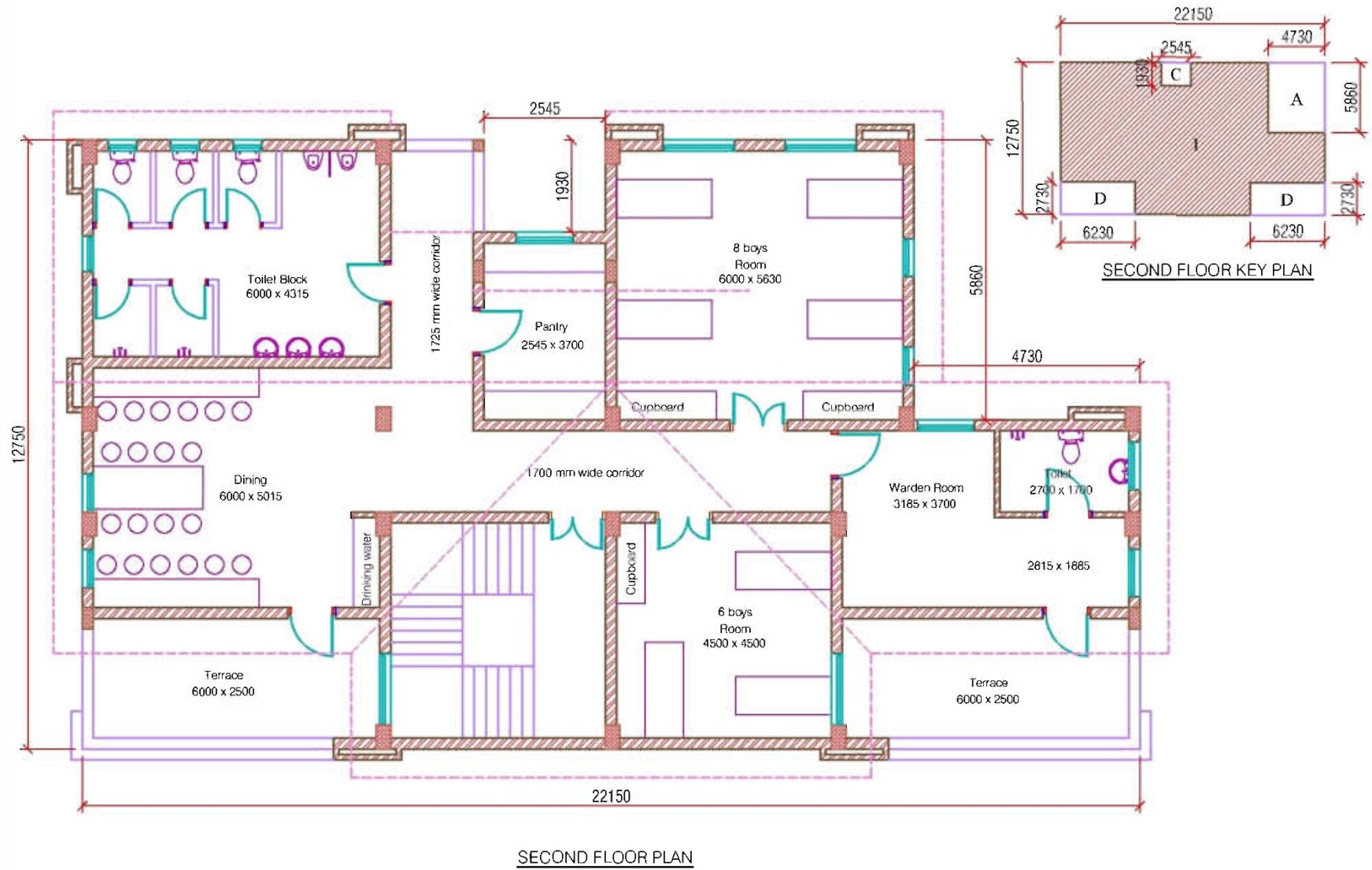
SHAMSHI

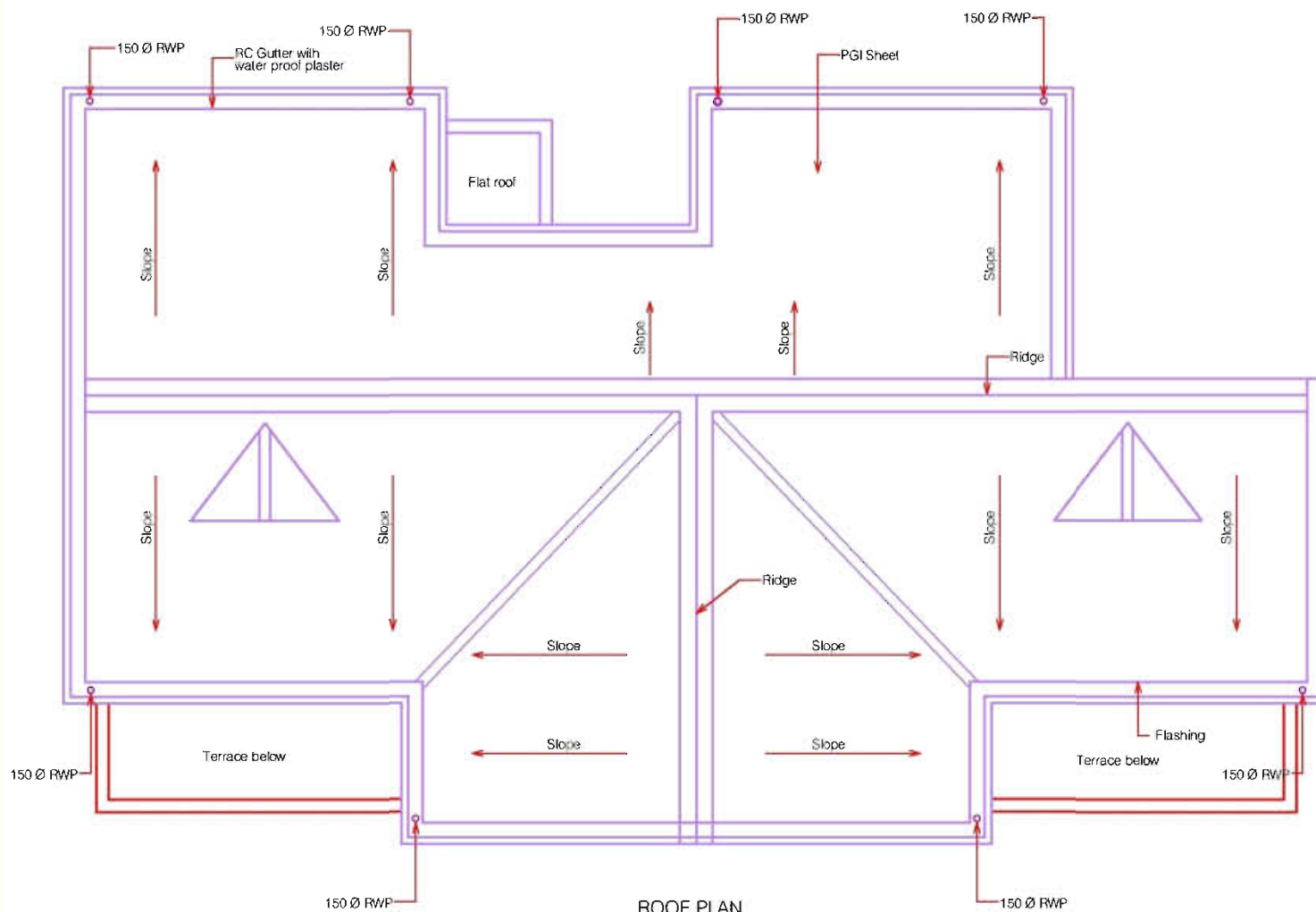


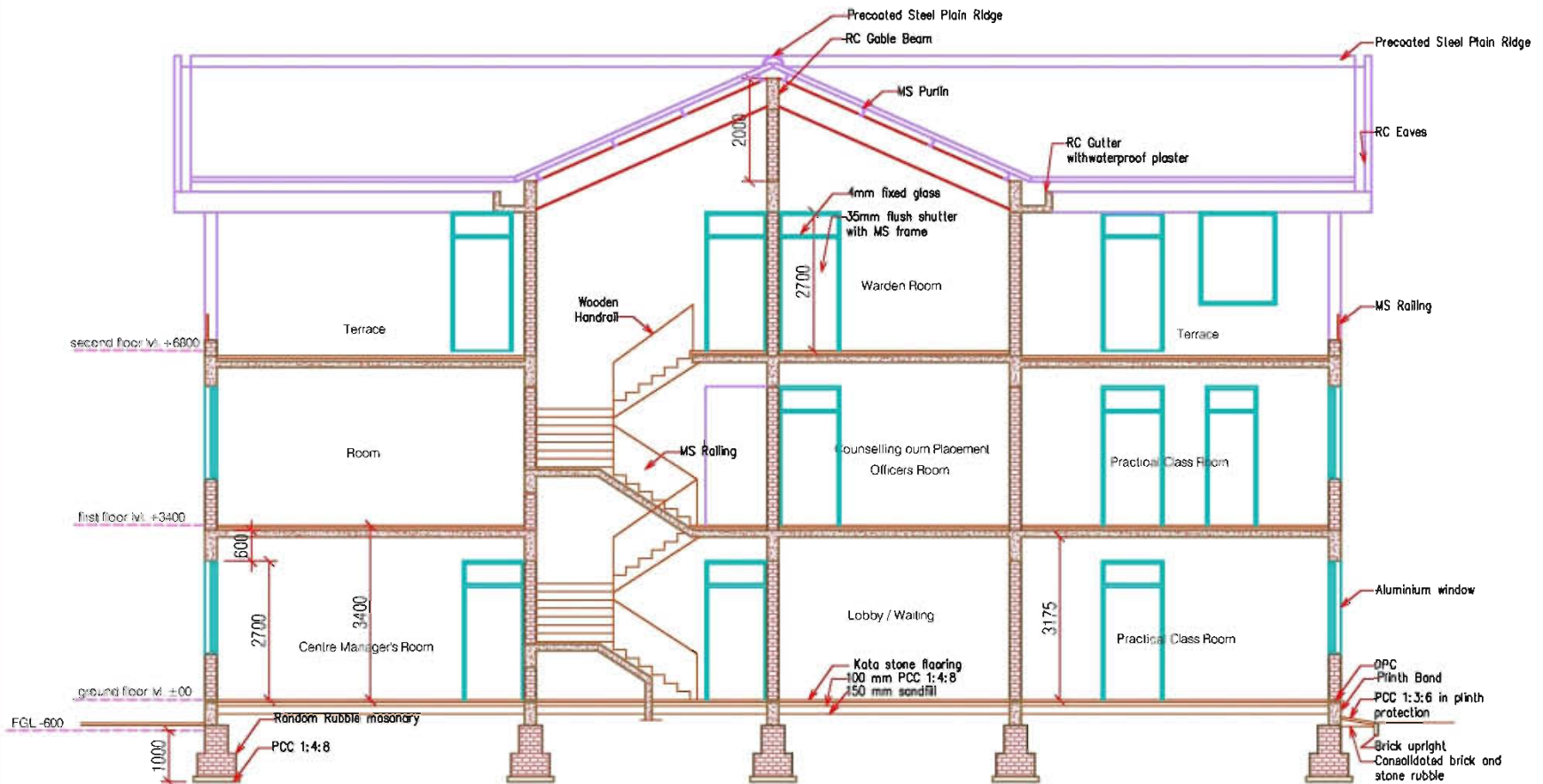
SITE PLAN







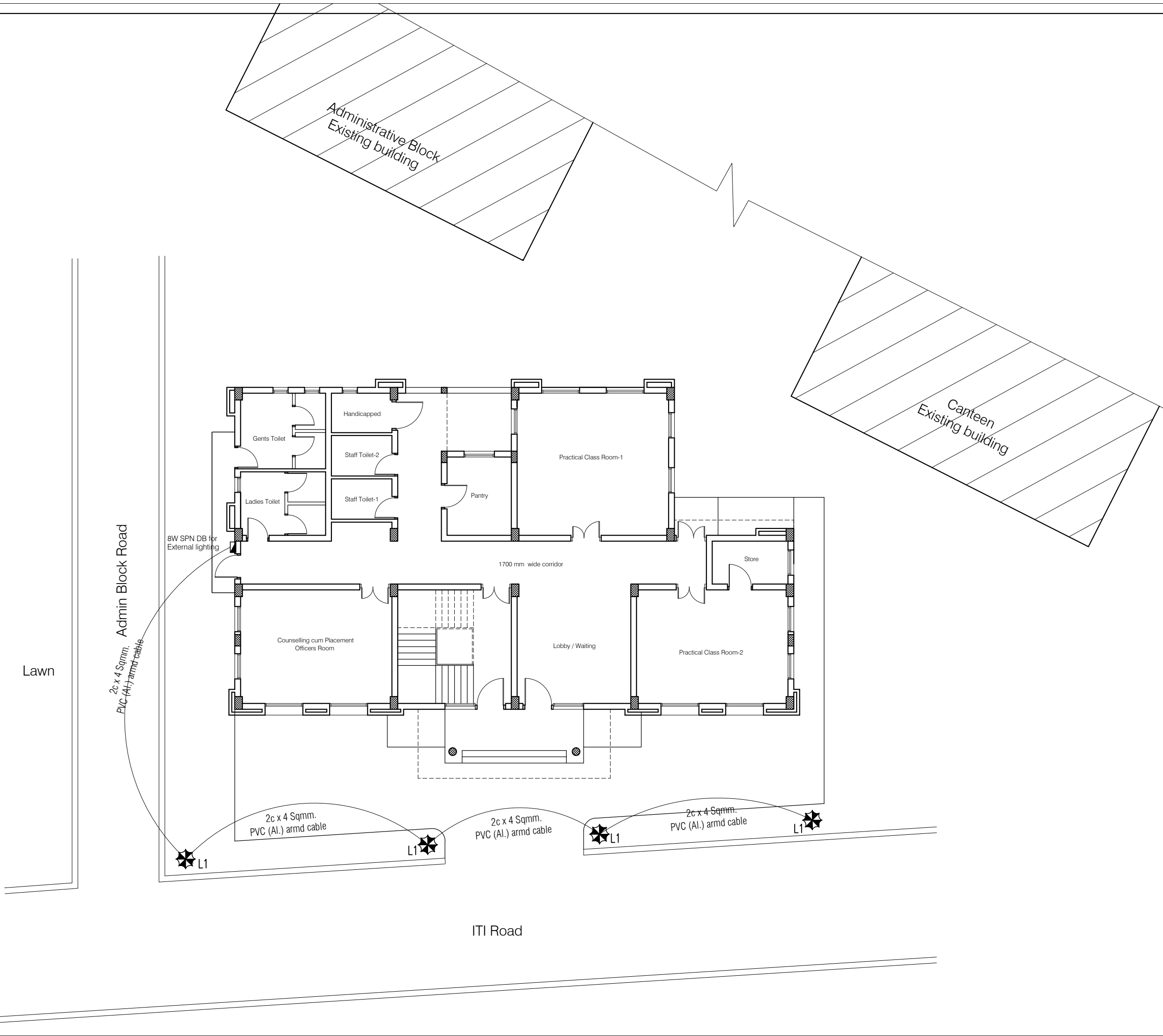




SECTION



CLC 3D VIEW

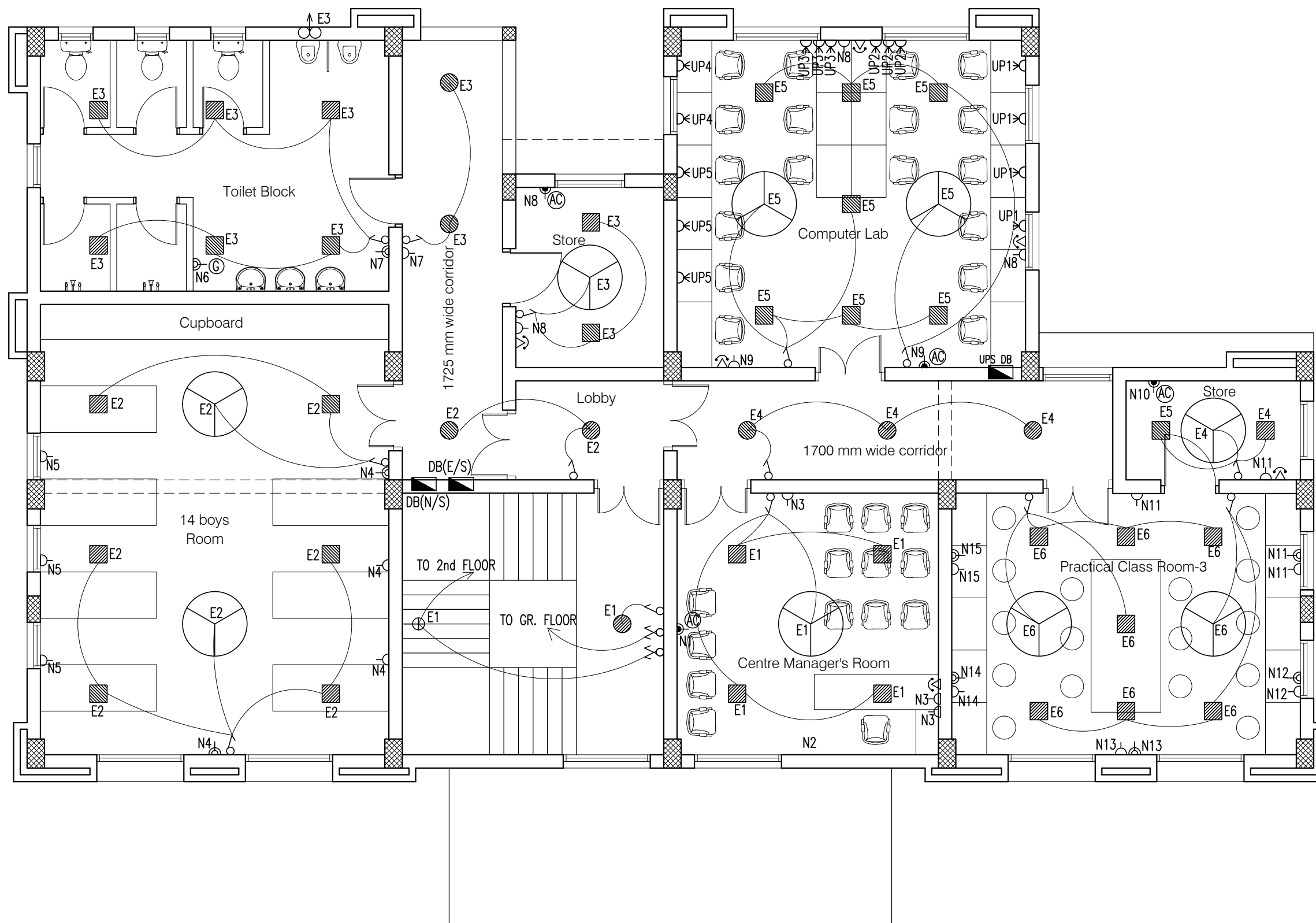


SYMBOL	DESCRIPTION
	26W CFL POST TOP

8W SPN DB (External Lighting)

Circuit No. Load(W)	L1	Total Load
B (W)	78	78 W 0.078 KW

Project : CITY LIVELIHOOD CENTRE AT I.T.I. SHAMSI - DISTRICT KULLU			
Sheet Title SITE PLAN	Date 24-11-16	Drawn By -	
	Scale 1:50	Checked By -	
Architects		Drg. No. 01	



12W SPN LDB (E/S) FIRST FLOOR

Circuit No. Load(W)	E1	E2	E3	E4	E5	E6	Total Load
Y (W)	256	396	336	230	460	460	2138 W 2.14 KW

12W SPN UPS DB FIRST FLOOR

Circuit No. Load(W)	UP1	UP2	UP3	UP4	UP5	Total Load
Load	800	600	600	400	600	3000 W 3.0 KW

6W TPN PDB (N/S) FIRST FLOOR

Circuit No. Load(W)	N1	N2	N3	N4	N5	N6	N7	N8	N9	N10	N11	N12	N13	N14	N15	Total Per Phase	G.Total
R (W)	2250	500	300	600								600				4250	13160 W 13.16 KW
Y (W)					300	1500	600			1500	600					4500	
B (W)								360	2250				600	600	600	4410	

NOTES

1. DRAWING TO BE READ AND NOT MEASURED.
2. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.

SYMBOL	DESCRIPTION
	CONTROL SWITCH BOARD
	TWO WAY CONTROL SWITCH BOARD
	6A SWITCH SOCKET OUTLET
	16A SWITCH SOCKET OUTLET
	CEILING FAN
	LCDSPS-S-18-CDL (Crompton)
	LCDSPS-R-12-CDL (Crompton)
	LSCSM-18W-CDL/NW/WW (Crompton)
	LSCRM-12W-CDL/NW/WW (Crompton)
	BRACKET LIGHT - (Code-2701)
	EXHAUST FAN
	TELEPHONE OUTLET
	BULK HEAD CFL -(Code-2711)
	26W CFL POST TOP
	20ASPN SWITCH SOCKET FOR AC
	20A SWITCH SOCKET OUTLET FOR GEYSER
	2-SOCKET -6A AND, 1-SWITCH ON UPS

Project :

CITY LIVELIHOOD CENTRE
AT I.T.I. SHAMSI - DISTRICT KULLU

Sheet Title

FIRST FLOOR PLAN

Date 24-11-16

Drawn By -

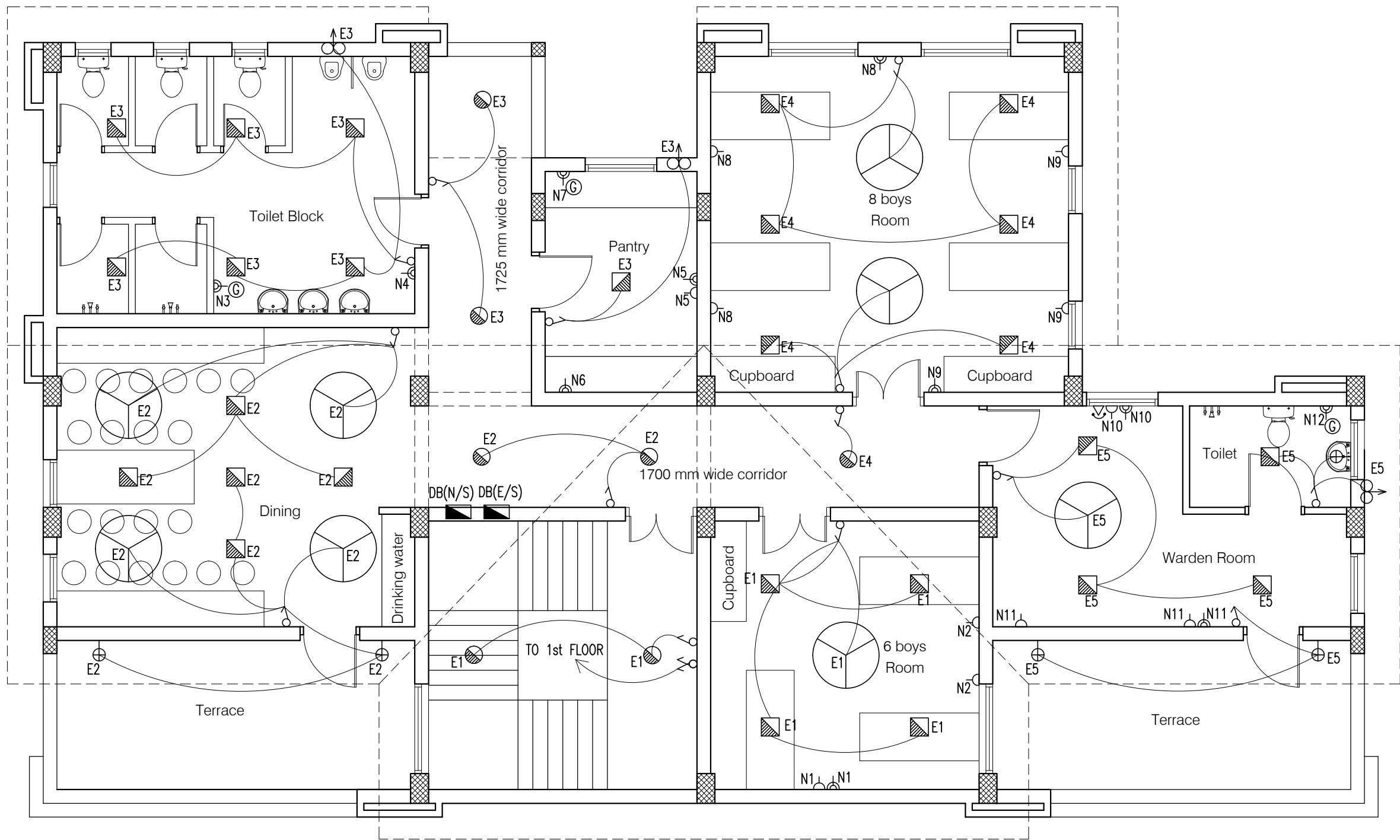
Scale 1:100

Checked By -

Architects

Drg. No.

03



8W SPN LPDB (E/S) SECOND FLOOR

Circuit No. Load(W)	E1	E2	E3	E4	E5	Total Load
Y (W)	216	354	300	278	396	1544 W 1.54 KW

6W TPN PDB (N/S) SECOND FLOOR

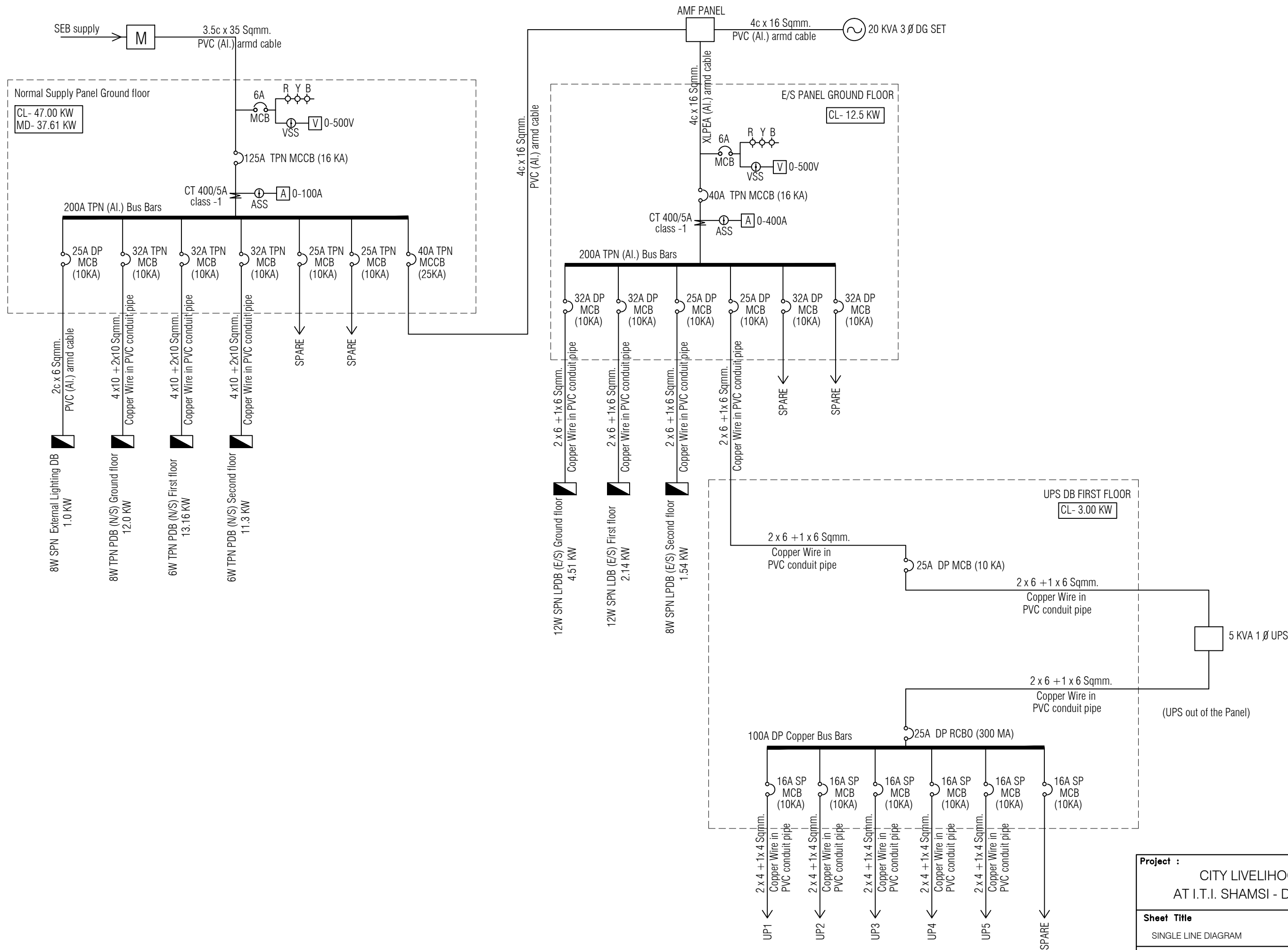
Circuit No. Load(W)	N1	N2	N3	N4	N5	N6	N7	N8	N9	N10	N11	N12	Total Per Phase	G.Total
R (W)	700	600	1000									1500	3800	11300 W 11.3 KW
Y (W)				1500	1000	500	1500						4500	
B (W)								1000	500	700	800		3000	

NOTES

1. DRAWING TO BE READ AND NOT MEASURED.
2. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.

SYMBOL	DESCRIPTION
	CONTROL SWITCH BOARD
	TWO WAY CONTROL SWITCH BOARD
	6A SWITCH SOCKET OUTLET
	16A SWITCH SOCKET OUTLET
	CEILING FAN
	LCDSPS-S-18-CDL (Crompton)
	LCDSPS-R-12-CDL (Crompton)
	LSCSM-18W-CDL/NW/WW (Crompton)
	LSCRM-12W-CDL/NW/WW (Crompton)
	BRACKET LIGHT - (Code-2701)
	EXHAUST FAN
	TELEPHONE OUTLET
	BULK HEAD CFL -(Code-2711)
	26W CFL POST TOP
	20ASPN SWITCH SOCKET FOR AC
	20A SWITCH SOCKET OUTLET FOR GEYSER
	2-SOCKET -6A AND, 1-SWITCH ON UPS

Project : CITY LIVELIHOOD CENTRE AT I.T.I. SHAMSI - DISTRICT KULLU		
Sheet Title SECOND FLOOR PLAN	Date 24-11-16	Drawn By -
	Scale 1:100	Checked By -
Architects		Drg. No. 04



Project : CITY LIVELIHOOD CENTRE AT I.T.I. SHAMSI - DISTRICT KULLU		
Sheet Title SINGLE LINE DIAGRAM	Date 24-11-16	Drawn By -
	Scale 1:100	Checked By -
		Drng. No. 05