

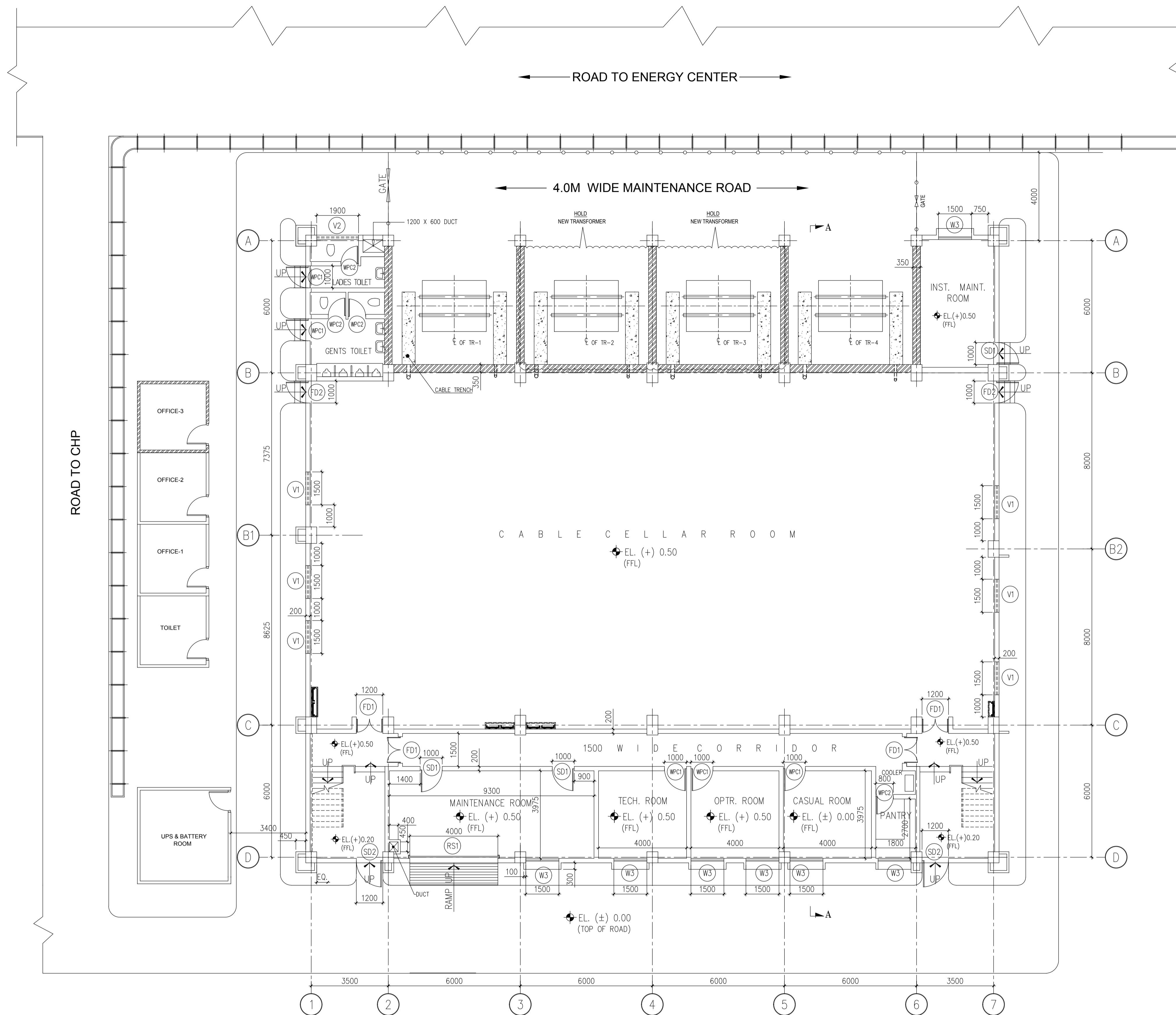
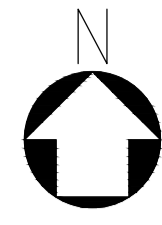
# ARCHITECTURAL DRAWING LIST

SL. NO.	DRAWING TITLE	DRAWING NUMBER	SHEET	REVISION
1.	CONTROL BUILDING – ARCHITECTURAL FLOOR PLANS	18A08-DWG-A-0002	4	0
2.	CONTROL BUILDING – ARCHITECTURAL ELEVATIONS & SECTIONS	18A08-DWG-A-0003	1	0
3.	CONTROL BUILDING – ARCHITECTURAL FINISH SCHEDULE	18A08-DWG-A-0004	1	1
4.	CONTROL BUILDING – DOOR, WINDOW, RS SCHEDULE	18A08-DWG-A-0005	2	1
5.	CONTROL BUILDING – TOILET DETAILS	18A08-DWG-A-0006	1	1

ISSUED FOR CONSTRUCTION

	OWNER:	IFFCO PARADEEP
PROJECT:	IFFCO PARADEEP AFBC BOILER CONTROL ROOM	
TITLE:	LIST OF DETAIL ENGINEERING DRAWINGS ARCHITECTURAL	
<b>DEVELOPMENT CONSULTANTS PVT LTD.</b> CONSULTING ENGINEERS <small>KOLKATA • MUMBAI • CHENNAI • NEW DELHI</small>		
PREPARED	SM	JOB NO. 18A08
CHECKED	SA	SCALE NTS
APPROVED	PKP	DATE 05.11.2018
DWG. NO.	18A08-DWG-A-0000	
		REV 1 1 SHEET OF 1

APPROV.	MECH.	INST.	ELEC.	STR.	ARCH.	NATURE OF REVISION & DESCRIPTION	CHECKED	DRAWN	REV.	DATE	RELEASE STATUS	DATE	SIGNATURE
											PRELIMINARY		
											FOR TENDER ONLY		
											FOR CONSTRUCTION	26.09.19	PKP
											ARCHITECTURAL	26.09.19	PKP
											CIVIL & STRUCTURAL		
											ELECTRICAL		
											INSTRUMENTATION		
											MECHANICAL		



GROUND FLOOR PLAN  
EL. (+) 0.50

NOTES: -

1. ALL DIMENSIONS ARE IN MILLIMETRES AND LEVELS ARE IN METRES.
2. DCS CONTROL ROOM, INST. CONTROL ROOM, PLC & DRIVE ROOM WILL BE AIR-CONDITIONED AREA WITH FALSE CEILING & FALSE FLOORING. ALL OFFICES SHALL BE PROVIDED WITH FALSE CEILING ONLY.
3. FIRE DETECTION & PROTECTION SYSTEM SHALL BE INDICATED LATER AFTER FINALIZATION OF THE LAYOUT.
4. VENTILATION FANS AND SPLIT AC SHALL BE INDICATED IN SEPARATE DRAWING.
5. EXCEPT OTHERWISE NOTED ALL WALLS SHALL BE LIGHTWEIGHT AAC WALL.
6. IN AAC BLOCK WALL RCC TRANSOM & MULLION SHALL BE PROVIDED FOR DOORS WINDOWS AND OPENINGS AS DIRECTED BY ENGINEER IN CHARGE DURING CONSTRUCTION
7. FLY ASH BLOCK SHALL BE PROVIDED IN TOILET AREA.

REF DWGS: -

1. 18A08-DWG-E-0401 - CONTROL ROOM BUILDING LAYOUT
2. 18A08-DWG-C-0001 TO 007 - CIVIL & STRUCTURAL DRAWINGS OF CONTROL ROOM
3. 18A08-DWG-A-0003 TO 006 - ARCHITECTURAL DRAWINGS OF CONTROL ROOM

LEGEND: -

- 350 THK. FIRE WALL
- F.C. - FALSE CEILING
- F.F. - FALSE FLOOR

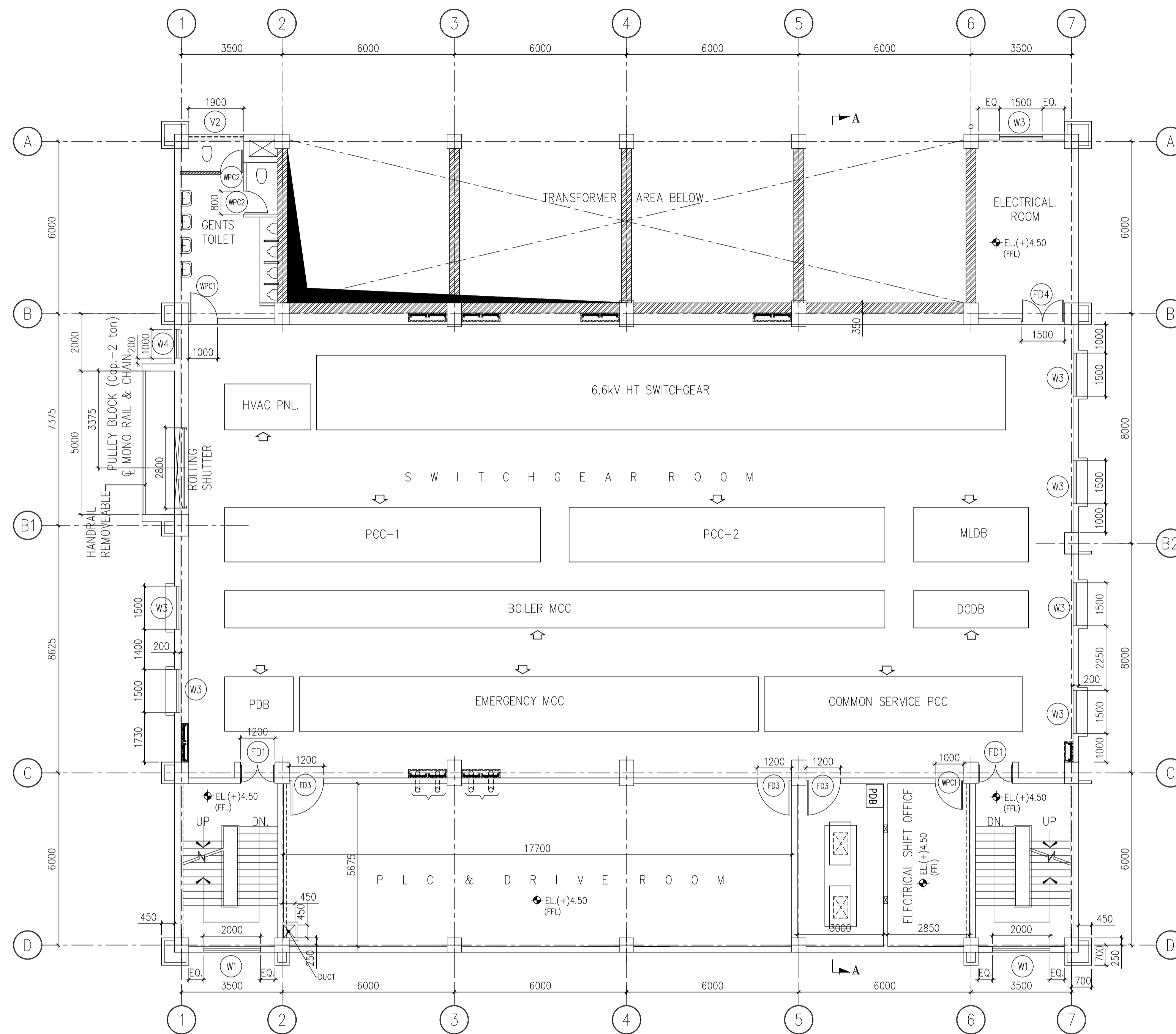
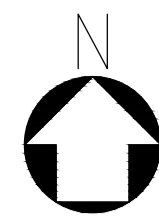
ISSUED FOR CONSTRUCTION

	OWNER: IFFCO PARADEEP
PROJECT:	IFFCO PARADEEP AFBC BOILER CONTROL ROOM
TITLE:	CONTROL BUILDING GROUND FLOOR PLAN

		KOLKATA • MUMBAI • CHENNAI • NEW DELHI
PREPARED SM	JOB NO. 18A08	
CHECKED SA	SCALE AS NOTED	
APPROVED PKP	DATE 25.01.2019	
DWG. NO. 18A08-DWG-A-0002	REV 0	

APPROV.	MECH.	INST.	ELEC.	STRL.	ARCH.	NATURE OF REVISION & DESCRIPTION	CHECKED	DRAWN	REV.	DATE

ONE & HALF BRICK THICK TRADITIONAL BRICK FIREWALL



**FIRST FLOOR PLAN**  
EL. (+) 4.50 (FFL)

**NOTES: -**

1. FOR NOTES SEE THE DRAWING NUMBER 18A08-DWG-A-0002 SH-1

**REF DWGS: -**

1. FOR REF. DRAWINGS SEE THE DRAWING NUMBER 18A08-DWG-A-0002 SH-1

**LEGEND: -**

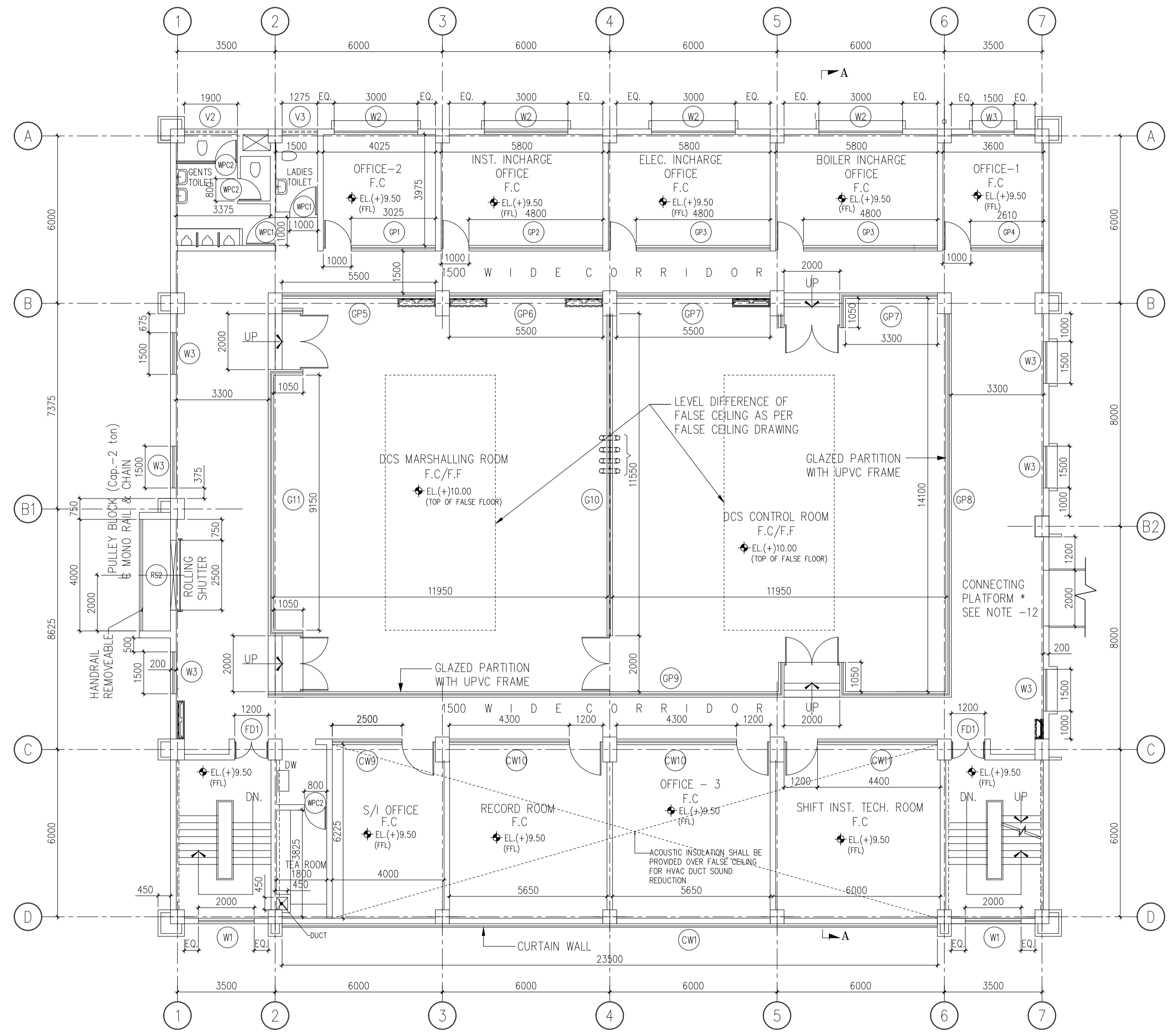
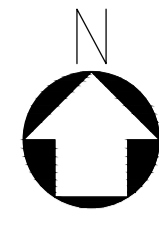
- 350 THK. FIRE WALL
- F.C. - FALSE CEILING
- F.F. - FALSE FLOOR

ISSUED FOR CONSTRUCTION

	OWNER:	IFFCO PARADEEP
PROJECT:		IFFCO PARADEEP AFBC BOILER CONTROL ROOM
TITLE:		CONTROL BUILDING FIRST FLOOR PLAN

APPROV.	MECH.	INST.	ELEC.	STRL.	ARCH.	NATURE OF REVISION & DESCRIPTION	CHECKED	DRAWN	REV.	DATE	RELEASE STATUS	DATE	SIGNATURE
											PRELIMINARY		
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											FOR CONSTRUCTION	26.09.19	PKP
											ARCHITECTURAL	26.09.19	PKP
											CIVIL & STRUCTURAL		
											ELECTRICAL		
											INSTRUMENTATION		
											MECHANICAL		

	<b>DEVELOPMENT CONSULTANTS PVT LTD.</b>		
	CONSULTING ENGINEERS <small>KOLKATA • MUMBAI • CHENNAI • NEW DELHI</small>		
PREPARED	SM	JOB NO.	18A08
CHECKED	SA	SCALE	AS NOTED
APPROVED	PKP	DATE	25.01.2019
DWG. NO.	18A08-DWG-A-0002		



SECOND FLOOR PLAN  
EL. (+) 9.50 (FFL)

**NOTES:-**  
1. FOR NOTES SEE THE DRAWING NUMBER 18A08-DWG-A-0002 SH-1

**REF DWGS:-**  
1. FOR REF. DRAWINGS SEE THE DRAWING NUMBER 18A08-DWG-A-0002 SH-1

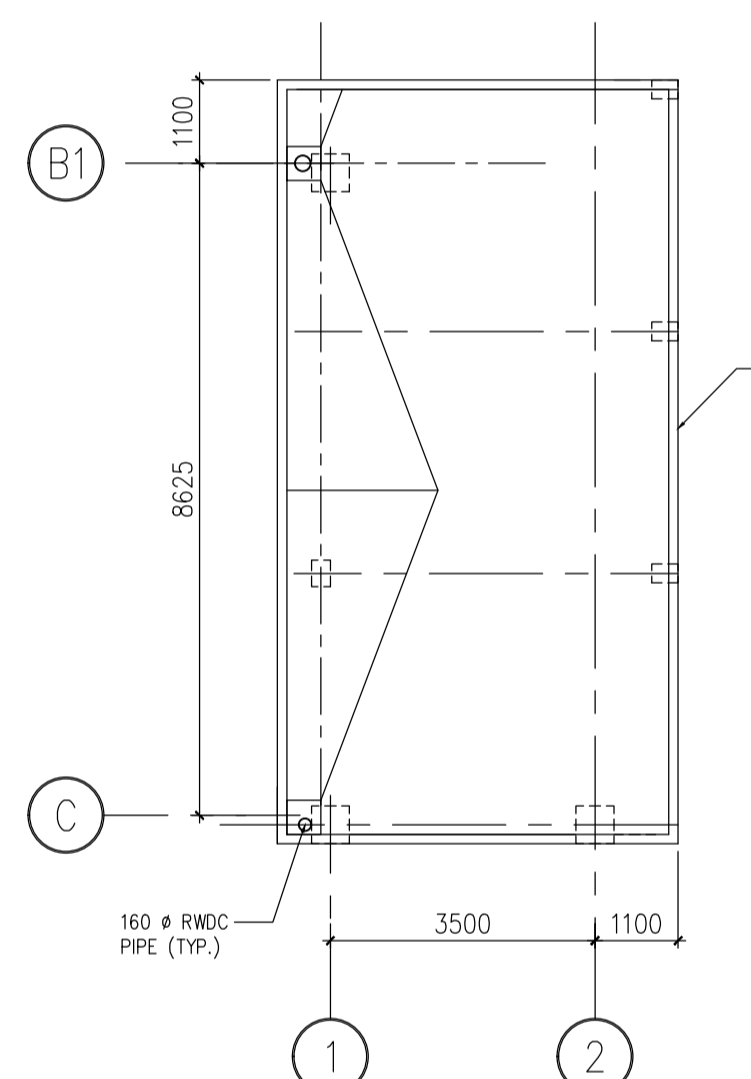
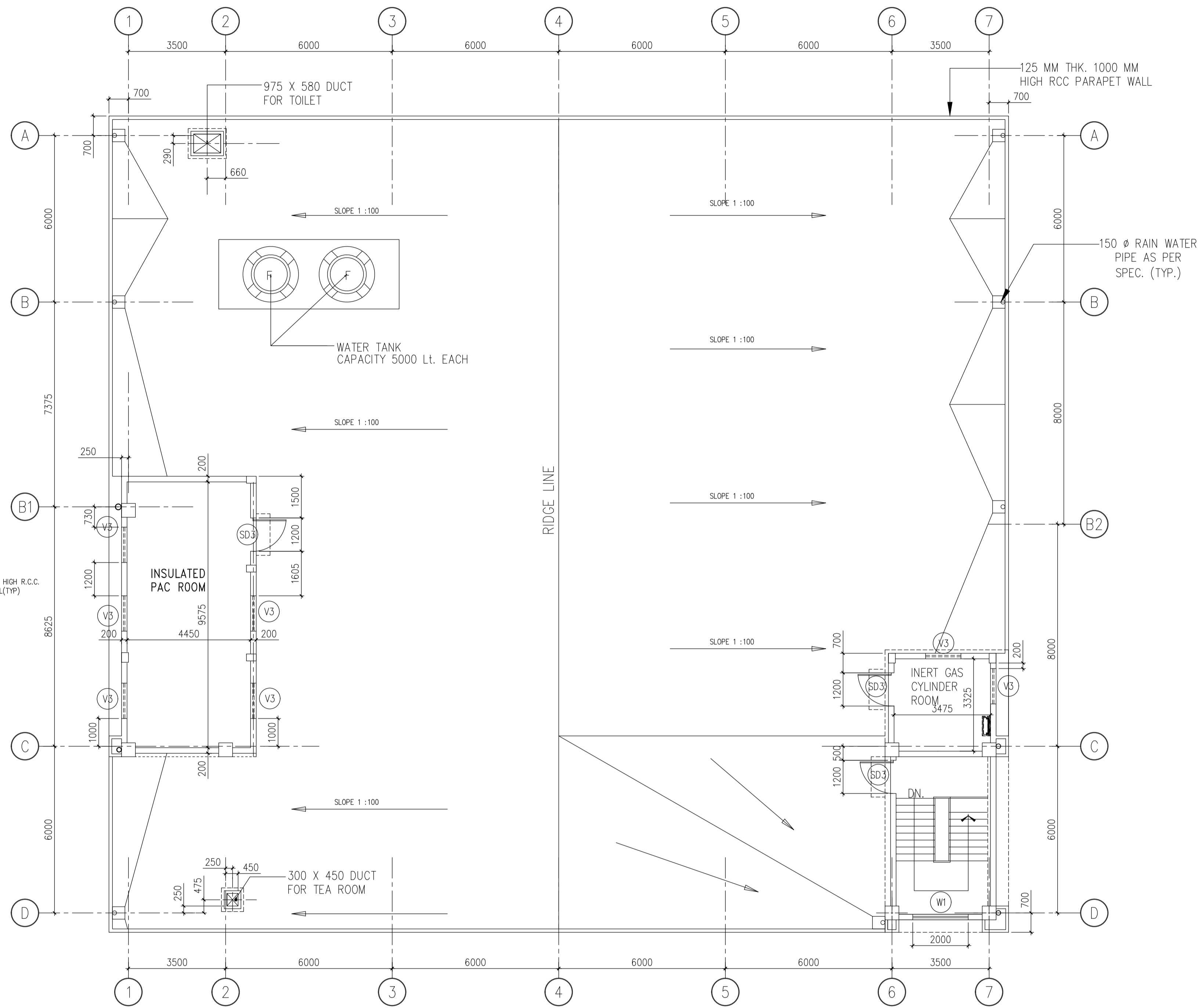
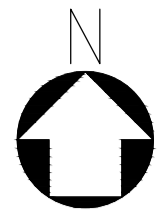
**LEGEND:-**  
F.C. - FALSE CEILING  
F.F. - FALSE FLOOR

ISSUED FOR CONSTRUCTION

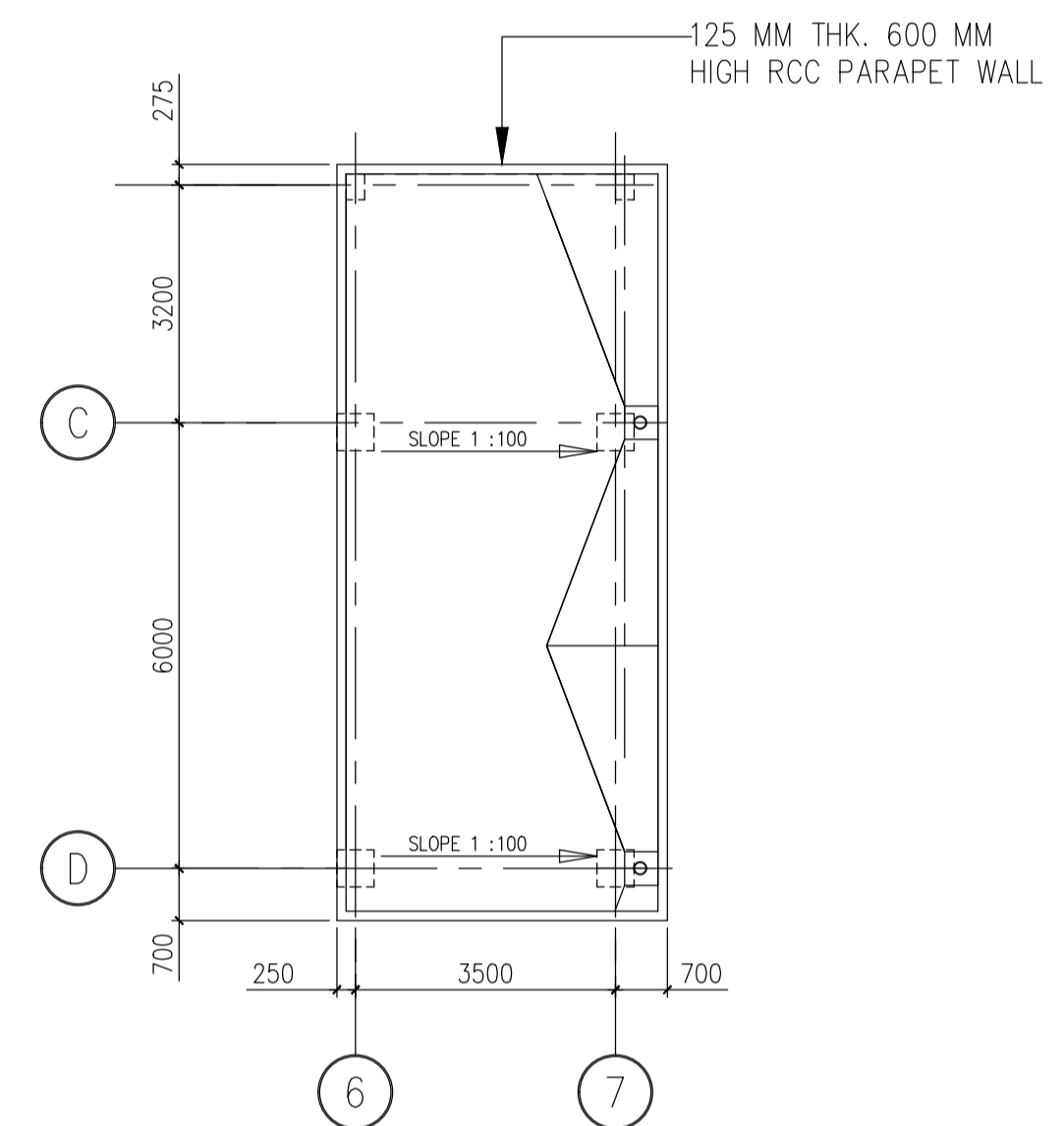
<b>IFFCO</b> PARADEEP	OWNER: IFFCO PARADEEP
PROJECT: IFFCO PARADEEP AFBC BOILER CONTROL ROOM	
TITLE: CONTROL BUILDING SECOND FLOOR PLAN	
<b>DEVELOPMENT CONSULTANTS PVT LTD.</b> CONSULTING ENGINEERS KOLKATA • MUMBAI • CHENNAI • NEW DELHI	
PREPARED SM CHECKED SA APPROVED PKP	JOB NO. 18A08 SCALE AS NOTED DATE 25.01.2019
DWG. NO. 18A08-DWG-A-0002	REV 0 3 SHEET OF 4

APPROV.	MECH.	INST.	ELEC.	STRL.	ARCH.	NATURE OF REVISION & DESCRIPTION	CHECKED	DRAWN	REV.	DATE

RELEASE STATUS	DATE	SIGNATURE
PRELIMINARY		
FOR TENDER ONLY		
FOR CONSTRUCTION	26.09.19	PKP
ARCHITECTURAL	26.09.19	PKP
CIVIL & STRUCTURAL		
ELECTRICAL		
INSTRUMENTATION		
MECHANICAL		



ROOF PLAN (PART)  
EL.(+)19.950M (T.O.C.)



ROOF PLAN (PART)  
EL.(+)17.950M(T.O.C.)

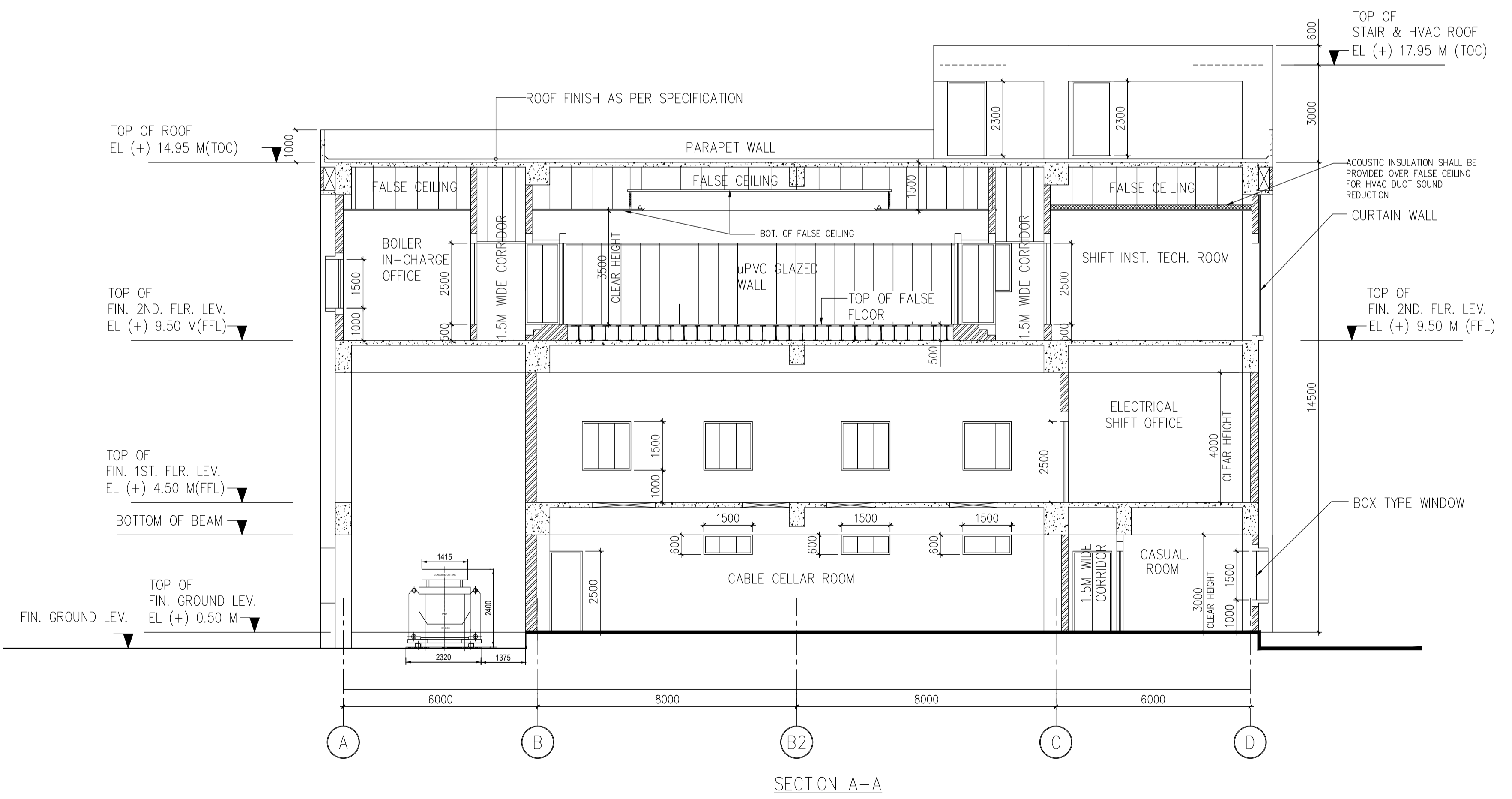
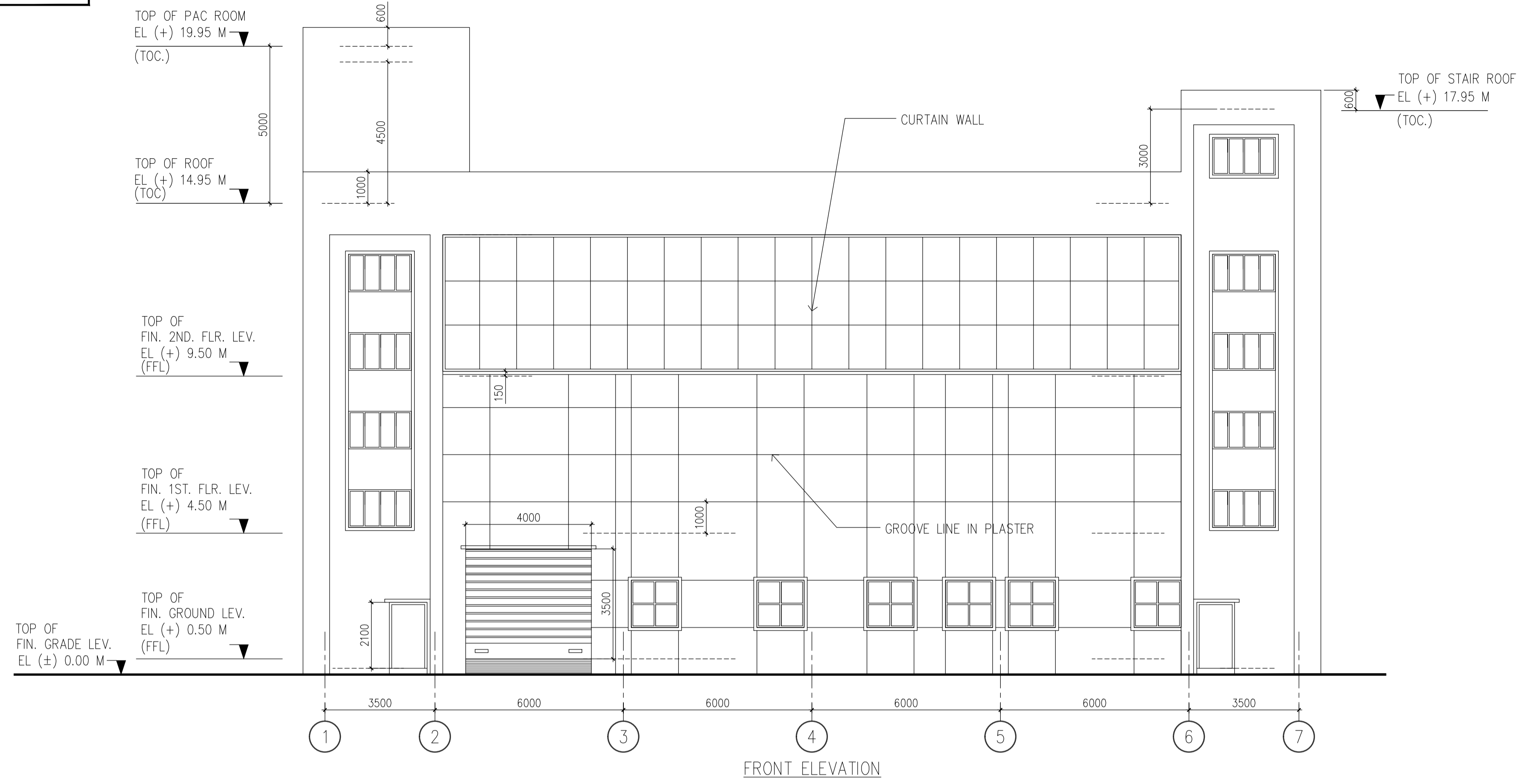
ROOF PLAN  
EL. (+) 14.95 (TOC)

- NOTES:-**  
1. FOR NOTES SEE THE DRAWING NUMBER 18A08-DWG-A-0002 SH-1
- REF DWGS:-**  
1. FOR REF. DRAWINGS SEE THE DRAWING NUMBER 18A08-DWG-A-0002 SH-1
- LEGEND:-**  
F.C. - FALSE CEILING  
F.F. - FALSE FLOOR

ISSUED FOR CONSTRUCTION

<b>IFFCO</b> PARADEEP	OWNER: IFFCO PARADEEP
PROJECT: IFFCO PARADEEP AFBC BOILER CONTROL ROOM	
TITLE: CONTROL BUILDING ROOF PLAN	
DEVELOPMENT CONSULTANTS PVT LTD. CONSULTING ENGINEERS KOLKATA • MUMBAI • CHENNAI • NEW DELHI	
PREPARED SM CHECKED SA APPROVED PKP	JOB NO. 18A08 SCALE AS NOTED DATE 25.01.2019
DWG. NO. 18A08-DWG-A-0002	REV 0 4 SHEET OF 4

APPROV.	MECH.	INST.	ELEC.	STRL.	ARCH.	NATURE OF REVISION & DESCRIPTION	CHECKED	DRAWN	REV.	DATE	RELEASE STATUS	DATE	SIGNATURE
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											ARCHITECTURAL	26.09.19	PKP
											CIVIL & STRUCTURAL		
											ELECTRICAL		
											INSTRUMENTATION		
											MECHANICAL		



**NOTES: -**  
 1. FOR NOTES SEE THE DRAWING NUMBER 18A08-DWG-A-0002 SH-1

**REF DWGS: -**  
 1. FOR REF. DRAWINGS SEE THE DRAWING NUMBER 18A08-DWG-A-0002 SH-1

**LEGEND: -**  
 [Hatched Box] - 350 THK. FIRE WALL  
 F.C. - FALSE CEILING  
 F.F. - FALSE FLOOR

**ISSUED FOR CONSTRUCTION**

<b>IFFCO</b> PARADEEP	OWNER: IFFCO PARADEEP
PROJECT: IFFCO PARADEEP AFBC BOILER CONTROL ROOM	
TITLE: CONTROL BUILDING ELEVATIONS AND SECTIONS	
DEVELOPMENT CONSULTANTS PVT LTD. CONSULTING ENGINEERS KOLKATA • MUMBAI • CHENNAI • NEW DELHI	
PREPARED SM CHECKED SA APPROVED PKP	JOB NO. 18A08 SCALE AS NOTED DATE 25.01.2019
DWG. NO. 18A08-DWG-A-0003	SHEET 1 OF 1 REV 0

APPROV.	MECH.	INST.	ELEC.	STRL.	ARCH.	NATURE OF REVISION & DESCRIPTION	CHECKED	DRAWN	REV.	DATE

RELEASE STATUS	DATE	SIGNATURE
PRELIMINARY		
FOR TENDER ONLY		
FOR CONSTRUCTION	26.09.19	PKP
ARCHITECTURAL	26.09.19	PKP
CIVIL & STRUCTURAL		
ELECTRICAL		
INSTRUMENTATION		
MECHANICAL		

INTERIOR FINISH SCHEDULE FOR CONTROL BUILDING:

BUILDING AREA	FLOORING	SKIRTING/DADO	WALL	CEILING	DOOR & GLAZING	WINDOW & GLAZING	REMARKS
<b>GROUND FLOOR</b>							
1. CABLE CELLAR	50 MM THICK HEAVY DUTY CEMENT CONCRETE FLOOR WITH METALLIC HARDENER AND MATCHING SKIRTING	SYNTHETIC ENAMEL PAINT WITH CEMENT PUTTY UP TO 1.50MTS HEIGHT	ACRYLIC DISTEMPER	ACRYLIC DISTEMPER	FIRE DOOR	UPVC GLAZED WINDOW / VENTILATOR	
2. MAINTENANCE ROOM AND INST. MAINTENANCE ROOM	50 MM THICK HEAVY DUTY CEMENT CONCRETE FLOOR WITH METALLIC HARDENER AND MATCHING SKIRTING	SYNTHETIC ENAMEL PAINT WITH CEMENT PUTTY UP TO 1.50MTS HEIGHT	ACRYLIC DISTEMPER	ACRYLIC DISTEMPER	SS ROLLING SHUTTER & FACTORY MADE HOLLOW METAL STEEL FLUSH DOOR.	UPVC GLAZED WINDOW / VENTILATOR	
3. TECHNICIAN ROOM, OPERATOR ROOM AND CASUAL ROOM & CORRIDOR	10 MM THICK NON-SKID FULLY VITRIFIED TILES OF MINIMUM SIZE 600 MM X 600 MM (OVERALL 50 MM THICK) LAID IN PATTERN WITH 150MM HIGH SKIRTING.	150 MM HIGH MATCHING SKIRTING	ACRYLIC EMULSION PAINT WITH ACRYLIC WALL PUTTY.	FALSE CEILING SHALL BE OF LUXALON TYPE SS CEILING WITH SS CLIPS AND HANGERS	WPC DOOR.	UPVC GLAZED WINDOW / VENTILATOR	
4. TOILETS, PANTRY AND WET AREAS	10 MM THICK NON-SKID FULLY VITRIFIED TILES OF MINIMUM SIZE 400 MM X 400 MM (OVERALL 40 MM THICK) LAID IN PATTERN WITH 5 MM THICK GLAZED CERAMIC TILE DADO OF SAME MAKE TOPPED WITH 50 MM WIDE MATCHING CERAMIC TRIMS. HEIGHT OF DADO SHALL BE 100MM HIGHER THAN THE LINTEL LEVEL STARTING FROM FLOOR FINISH LEVEL.	1ST QUALITY COLOURED GLAZED CERAMIC TILES OF MINIMUM 5 MM THICKNESS UP TO 100 MM HIGHER THAN LINTEL LEVEL STARTING FROM FINISH FLOOR LEVEL.	ACRYLIC EMULSION PAINT WITH ACRYLIC WALL PUTTY.	ACRYLIC DISTEMPER	WPC DOOR.	UPVC GLAZED WINDOW / VENTILATOR	
5. STAIR	SEMI POLISHED 20 MM THICK KOTA STONE	SYNTHETIC ENAMEL PAINT UP TO 1.50 MTS HEIGHT	ACRYLIC EMULSION PAINT WITH ACRYLIC WALL PUTTY.	ACRYLIC EMULSION PAINT.	FIRE CHECK DOOR.	UPVC GLAZED WINDOW / VENTILATOR	
<b>FIRST FLOOR</b>							
1. SWITCHGEAR ROOM	2MM THICK ANTISTATIC PVC FLOORING	2MM THICK ANTISTATIC PVC DADO UP TO 1.50MTS HEIGHT	ACRYLIC DISTEMPER	ACRYLIC DISTEMPER	FIRE DOOR / SS ROLLING SHUTTER	UPVC GLAZED WINDOW / VENTILATOR	
2. ELECTRICAL ROOM	50 MM THICK HEAVY DUTY CEMENT CONCRETE FLOOR WITH METALLIC HARDENER AND MATCHING SKIRTING	SYNTHETIC ENAMEL PAINT WITH CEMENT PUTTY UP TO 1.50MTS HEIGHT	ACRYLIC DISTEMPER	ACRYLIC DISTEMPER	FIRE DOOR	UPVC GLAZED WINDOW / VENTILATOR	
3. PLC ROOM AND ELECTRICAL SHIFT OFFICE	10/11 MM THICK NON-SKID FULLY VITRIFIED TILES OF MINIMUM SIZE 600 MM X 600 MM (OVERALL 50 MM THICK) LAID IN PATTERN WITH 150MM HIGH SKIRTING.	150 MM HIGH MATCHING SKIRTING	ACRYLIC EMULSION PAINT WITH ACRYLIC WALL PUTTY.	FALSE CEILING SHALL BE OF LUXALON TYPE SS CEILING WITH SS CLIPS AND HANGERS	FIRE DOOR.	UPVC GLAZED WINDOW / VENTILATOR	
4. TOILETS, PANTRY AND WET AREAS	10 MM THICK NON-SKID FULLY VITRIFIED TILES OF MINIMUM SIZE 400 MM X 400 MM (OVERALL 40 MM THICK) LAID IN PATTERN WITH 5 MM THICK GLAZED CERAMIC TILE DADO OF SAME MAKE TOPPED WITH 50 MM WIDE MATCHING CERAMIC TRIMS. HEIGHT OF DADO SHALL BE 100MM HIGHER THAN THE LINTEL LEVEL STARTING FROM FLOOR FINISH LEVEL.	1ST QUALITY COLOURED GLAZED CERAMIC TILES OF MINIMUM 5 MM THICKNESS UP TO 100 MM HIGHER THAN LINTEL LEVEL STARTING FROM FINISH FLOOR LEVEL.	ACRYLIC EMULSION PAINT WITH ACRYLIC WALL PUTTY.	ACRYLIC DISTEMPER	WPC DOOR.	UPVC GLAZED WINDOW / VENTILATOR	
5. STAIR	SEMI POLISHED 20 MM THICK KOTA STONE	SYNTHETIC ENAMEL PAINT UP TO 1.50 MTS HEIGHT	ACRYLIC EMULSION PAINT WITH ACRYLIC WALL PUTTY.	ACRYLIC EMULSION PAINT.	FIRE CHECK DOOR.	UPVC GLAZED WINDOW / VENTILATOR	
<b>SECOND FLOOR</b>							
1. OFFICES, SHIFT INST. TECH. ROOM & RECORD ROOM	10/11 MM THICK NON-SKID FULLY VITRIFIED TILES OF MINIMUM SIZE 600 MM X 600 MM (OVERALL 50 MM THICK) LAID IN PATTERN WITH 150MM HIGH SKIRTING.	150 MM HIGH MATCHING SKIRTING	ACRYLIC EMULSION PAINT WITH ACRYLIC WALL PUTTY.	FALSE CEILING SHALL BE OF LUXALON TYPE SS CEILING WITH SS CLIPS AND HANGERS	UPVC GLAZED PARTITION DOOR	UPVC GLAZED WINDOW / VENTILATOR	
2. DCS CONTROL ROOM & DCS MARSHALLING ROOM	STEEL PANELLED ACCESS FLOORING WITH 2MM ANTISTATIC PVC TILES ON TOP	ANTISTATIC PVC SKIRTING 150MM HIGH.	UPVC GLAZED PARTITION & ACRYLIC EMULSION PAINT WITH ACRYLIC WALL PUTTY.	FALSE CEILING SHALL BE OF LUXALON TYPE SS CEILING WITH SS CLIPS AND HANGERS	UPVC GLAZED PARTITION DOOR	UPVC GLAZED WINDOW / VENTILATOR	
3. TOILETS, PANTRY AND WET AREAS	10 MM THICK NON-SKID FULLY VITRIFIED TILES OF MINIMUM SIZE 400 MM X 400 MM (OVERALL 40 MM THICK) LAID IN PATTERN WITH 5 MM THICK GLAZED CERAMIC TILE DADO OF SAME MAKE TOPPED WITH 50 MM WIDE MATCHING CERAMIC TRIMS. HEIGHT OF DADO SHALL BE 100MM HIGHER THAN THE LINTEL LEVEL STARTING FROM FLOOR FINISH LEVEL.	1ST QUALITY COLOURED GLAZED CERAMIC TILES OF MINIMUM 5 MM THICKNESS UP TO 100 MM HIGHER THAN LINTEL LEVEL STARTING FROM FINISH FLOOR LEVEL.	ACRYLIC EMULSION PAINT WITH ACRYLIC WALL PUTTY.	ACRYLIC DISTEMPER	WPC DOOR.	UPVC GLAZED WINDOW / VENTILATOR	
5. CORRIDOR	10/11 MM THICK NON-SKID FULLY VITRIFIED TILES OF MINIMUM SIZE 600 MM X 600 MM (OVERALL 50 MM THICK) LAID IN PATTERN WITH 150MM HIGH SKIRTING.	150 MM HIGH MATCHING SKIRTING	UPVC GLAZED PARTITION & ACRYLIC EMULSION PAINT WITH ACRYLIC WALL PUTTY.	FALSE CEILING SHALL BE OF LUXALON TYPE SS CEILING WITH SS CLIPS AND HANGERS	UPVC GLAZED PARTITION DOOR	UPVC GLAZED WINDOW / VENTILATOR	
5. STAIR	SEMI POLISHED 20 MM THICK KOTA STONE	SYNTHETIC ENAMEL PAINT UP TO 1.50 MTS HEIGHT	ACRYLIC EMULSION PAINT WITH ACRYLIC WALL PUTTY.	ACRYLIC EMULSION PAINT.	FIRE CHECK DOOR.	UPVC GLAZED WINDOW / VENTILATOR	
<b>ROOF LEVEL</b>							
ROOF	ROOF FINISH SHALL BE PROVIDED WITH 3 LAYERS, FIRST BEING ELASTOMERIC MEMBRANE WATER PROOFING TREATMENT, SECONDLY SCREED CONCRETE SHALL BE LAID AND FINALLY THE WEARING COURSE. 1.5MM THICK ELASTOMERIC MEMBRANE SHALL BE LAID AS PER MANUFACTURER'S SPECIFICATION. RUN OFF GRADIENT SHALL BE GIVEN A MINIMUM OF 1 IN 100. GRADIENT SHALL COMPRISE SCREED CONCRETE 1:2:4 USING 12.5 MM OR BELOW COARSE AGGREGATE. OVER THE SCREED CONCRETE WEARING COURSE TREATMENT SHALL BE PROVIDED AS BELOW: A WEARING COURSE SHALL CONSIST OF PRESSED CLAY TILES OF SIZE 230X230X18 MM LAID IN WATER PROOFING COMPOUND MIXED CEMENT MORTAR (1:3) AND SEALING OF JOINTS USING SEALING COMPOUND						

NOTES: -  
1. FOR NOTES SEE THE DRAWING NUMBER 18A08-DWG-A-0002 SH-1

REF DWGS: -  
1. FOR REF. DRAWINGS SEE THE DRAWING NUMBER 18A08-DWG-A-0002 SH-1

ISSUED FOR CONSTRUCTION

	OWNER: IFFCO PARADEEP
PROJECT: IFFCO PARADEEP AFBC BOILER CONTROL ROOM	
TITLE: CONTROL BUILDING FINISH SCHEDULE	
 DEVELOPMENT CONSULTANTS PVT LTD. CONSULTING ENGINEERS KOLKATA • MUMBAI • CHENNAI • NEW DELHI	
PREPARED SM CHECKED SA APPROVED PKP	JOB NO. 18A08 SCALE AS NOTED DATE 25.01.2019
DWG. NO. 18A08-DWG-A-0004	REV 1 SHEET 1 OF 1

APPROV.	MECH.	INST.	ELEC.	STRL.	ARCH.	REVIEWED	NATURE OF REVISION & DESCRIPTION	CHECKED	DRAWN	REV.	DATE	RELEASE STATUS	DATE	SIGNATURE
							GENERAL REVISION	SA	SM	01	24.10.2019	FOR CONSTRUCTION	26.09.19	PKP
												ARCHITECTURAL	26.09.19	PKP

DOOR & ROLLING SHUTTER SCHEDULE FOR CONTROL BUILDING:

DOOR MARKED	DOOR MARKED	QUANTITY	DESCRIPTION	MASONRY OPENING(MM)		DOOR SIZE(MM)		MATERIAL		GLASS	HARDWARE SET	REMARKS
				WIDTH	HEIGHT	WIDTH	HEIGHT	FRAME	SHUTTER			
SD1	A	03	SINGLE LEAF HOLLOW METAL PRESSED STEEL DOOR WITH VISION PANEL 150X250	1000	2500	980	2490	PRESSED STEEL	PRESSED STEEL	6 MM GLASS	SET 1	
SD2	B	02	SINGLE LEAF HOLLOW METAL PRESSED STEEL DOOR WITH VISION PANEL 150X250	1200	2100	1180	2090	PRESSED STEEL	PRESSED STEEL	6 MM GLASS	SET 2	
SD3	C	03	SINGLE LEAF HOLLOW METAL PRESSED STEEL DOOR	1200	2300	1180	2290	PRESSED STEEL	PRESSED STEEL	-	SET 3	DOOR AT ROOF LEVEL
FD1	E	10	DOUBLE LEAF 2 HR RATED FIRE CHECK DOOR	1200	2500	1180	2490	PRESSED STEEL	PRESSED STEEL	AS PER VENDOR	SET 5	WITH PANIC BAR & VISION PANEL
FD2	D	02	SINGLE LEAF 2 HR RATED FIRE CHECK DOOR	1000	2500	980	2490	PRESSED STEEL	PRESSED STEEL	AS PER VENDOR	SET 4	WITH PANIC BAR & VISION PANEL
FD3	D	03	SINGLE LEAF 2 HR RATED FIRE CHECK DOOR	1200	2500	1180	2490	PRESSED STEEL	PRESSED STEEL	AS PER VENDOR	SET 4	WITH PANIC BAR & VISION PANEL
FD4	E	01	DOUBLE LEAF 2 HR RATED FIRE CHECK DOOR	1500	2500	1480	2490	PRESSED STEEL	PRESSED STEEL	AS PER VENDOR	SET 5	WITH PANIC BAR & VISION PANEL
WPC1	F	09	SINGLE LEAF WOOD PLASTIC COMPOSITE DOOR	1000	2100	980	2090	WOOD PLASTIC	WOOD PLASTIC	-	SET 6	WITH VISION PANEL
WPC2	G	09	SINGLE LEAF WOOD PLASTIC COMPOSITE DOOR	800	2100	780	2090	WOOD PLASTIC	WOOD PLASTIC	-	SET 7	TOILET AND PANTRY DOOR
RS1	-	01	STEEL ROLLING SHUTTER (MECHANICALLY OPERATED)	4000	3500	-	-	-	-	-	-	AS PER MANUFACTURER'S DETAIL
RS2	-	02	STEEL ROLLING SHUTTER (MECHANICALLY OPERATED)	2500	3500	-	-	-	-	-	-	AS PER MANUFACTURER'S DETAIL

WINDOW SCHEDULE FOR CONTROL BUILDING:

WINDOW MARKED	QUANTITY	DESCRIPTION	MASONRY OPENING(MM)		WINDOW SIZE(MM)		MATERIAL		GLASS	REMARKS
			WIDTH	HEIGHT	WIDTH	HEIGHT	FRAME	SHUTTER		
W1	09	UPVC FIXED GLAZED WINDOW	2000	1500	1980	1480	UPVC	GLASS	4.0MM THICK CLEAR TOUGHENED GLASS	DETAILS AS PER MANUFACTURER
W2	04	UPVC GLAZED SLIDING WINDOW	3000	1500	2980	1480	UPVC	GLASS	4.0MM THICK CLEAR TOUGHENED GLASS	
W3	19	UPVC GLAZED CASEMENT WINDOW	1500	1500	1480	1480	UPVC	GLASS	4.0MM THICK CLEAR TOUGHENED GLASS	
W4	01	UPVC GLAZED CASEMENT WINDOW	1000	1500	980	1480	UPVC	GLASS	4.0MM THICK CLEAR TOUGHENED GLASS	
V1	06	UPVC LOUVER	1500	600	1480	580	UPVC	GLASS	6.0MM THICK CLEAR WIRED GLASS	
V2	03	UPVC LOUVER	1900	600	1880	580	UPVC	GLASS	6.0MM THICK CLEAR WIRED GLASS	
V3	08	UPVC LOUVER	1275	600	1255	580	UPVC	GLASS	6.0MM THICK CLEAR WIRED GLASS	

NOTES:-

1. FOR NOTES SEE THE DRAWING NUMBER 18A08-DWG-A-0002 SH-1

REF DWGS:-

1. FOR REF. DRAWINGS SEE THE DRAWING NUMBER 18A08-DWG-A-0002 SH-1

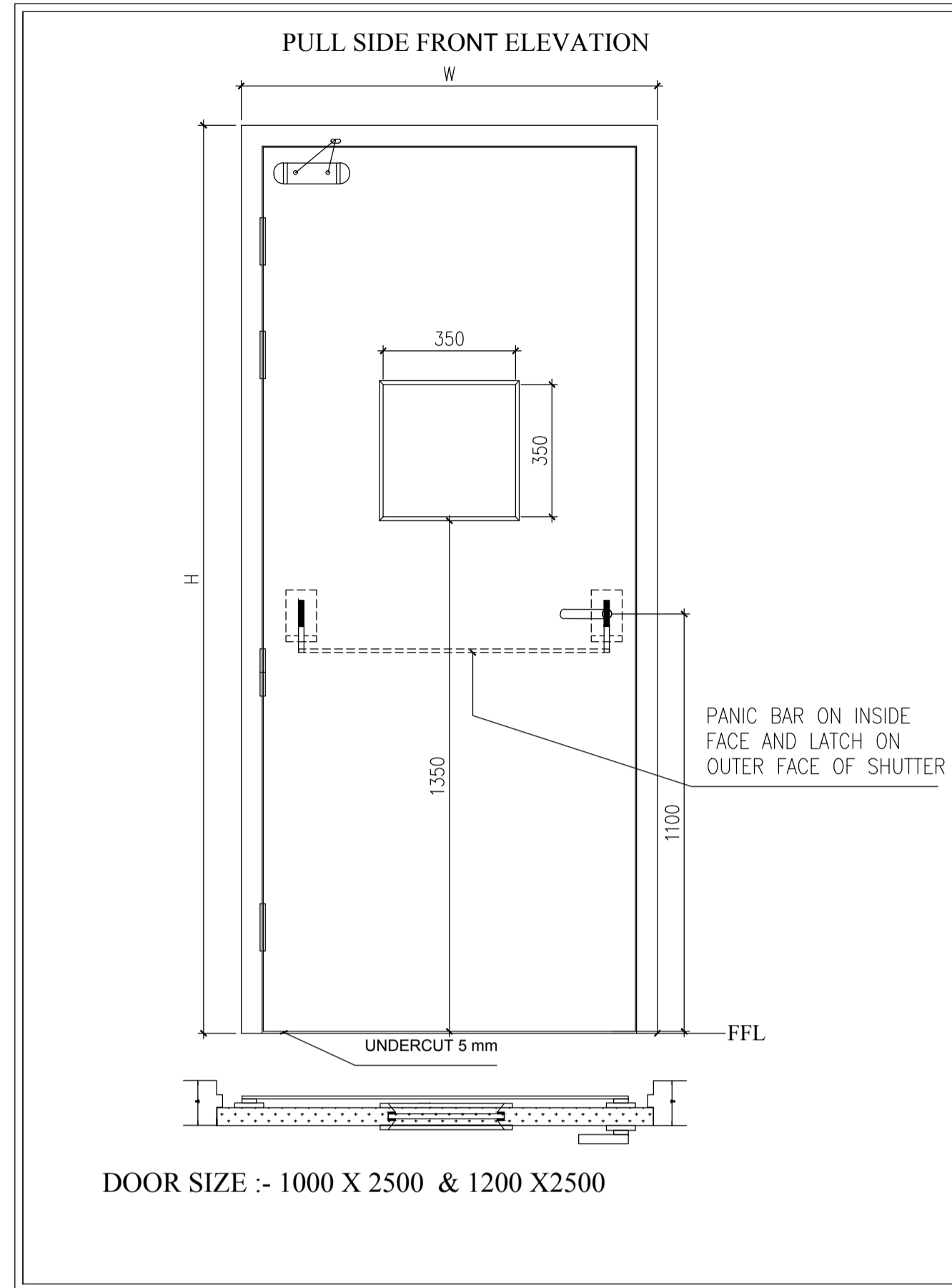
ISSUED FOR CONSTRUCTION

	OWNER: IFFCO PARADEEP
PROJECT:	IFFCO PARADEEP AFBC BOILER CONTROL ROOM
TITLE:	CONTROL BUILDING DOOR, WINDOW AND ROLLING SHUTTER SCHEDULE
DEVELOPMENT CONSULTANTS PVT LTD. CONSULTING ENGINEERS KOLKATA • MUMBAI • CHENNAI • NEW DELHI	
PREPARED SM CHECKED SA APPROVED PKP	JOB NO. 18A08 SCALE AS NOTED DATE 25.01.2019
DWG. NO. 18A08-DWG-A-0005	REV 0 1 SHEET OF 2

APPROV.	MECH.	INST.	ELEC.	STRL.	ARCH.	NATURE OF REVISION & DESCRIPTION	CHECKED	DRAWN	REV.	DATE	RELEASE STATUS	DATE	SIGNATURE
						GENERAL REVISION	SA	SM	01	24.10.2019	FOR CONSTRUCTION	26.09.19	PKP
											ARCHITECTURAL	26.09.19	PKP



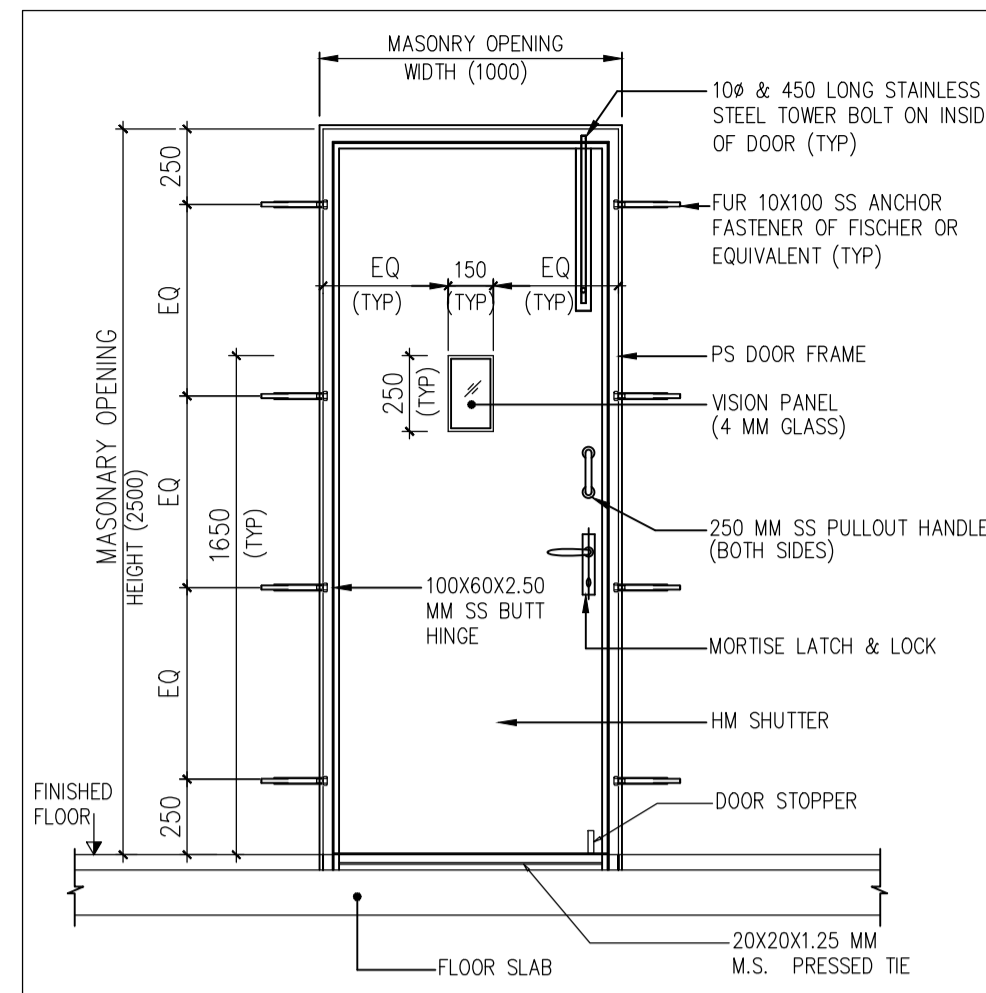
ELEVATION OF FIRE DOOR



DOOR SIZE :- 1000 X 2500 & 1200 X 2500

LEGEND		
A	DOOR TYPE	SINGLE LEAF
B	FRAME SHEET THICKNESS - G.I. OF SECTION 154 X 77 DOUBLE REBATE.	1.6 mm
C	49 mm SHUTTER SHEET THICKNESS - G.I.	1.2 mm
D	FIRE RATING	120 MIN.
E	SHADE :- FRAME - P.O. RED , SHUTTER - P.O. RED	
E	INFILL :- ROCKWOOL 98kg/m <sup>3</sup>	
TOTAL QTY :- 01 NO. LH=00 RH=00		
HARDWARE - SET 4		
1	HINGES OF SIZE 100 X 75 X 3 mm.	04 NOS PER LEAF
2	DOOR CLOSER WITH STANDARD ARM.	1 NO PER LEAF
3	PANIC BAR & PANIC TRIM.	1 SET PER DOOR
4	VISION PANEL OF SIZE 350 X 350 11 mm THICK GLASS.	1 NO PER LEAF

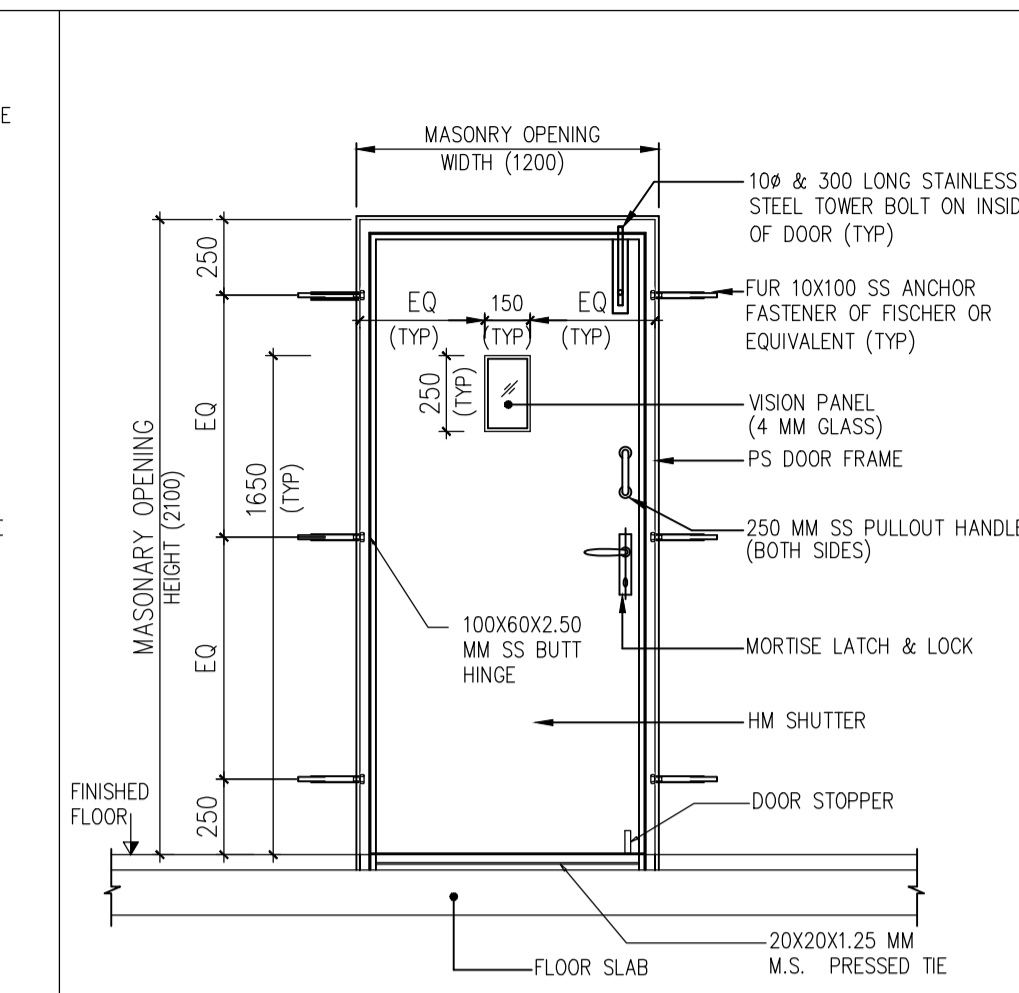
ELEVATION OF HOLLOW METAL PRESSED STEEL DOOR



DOOR TYPE -A (1000 X 2500)

HARDWARE SCHEDULE (SET -1)

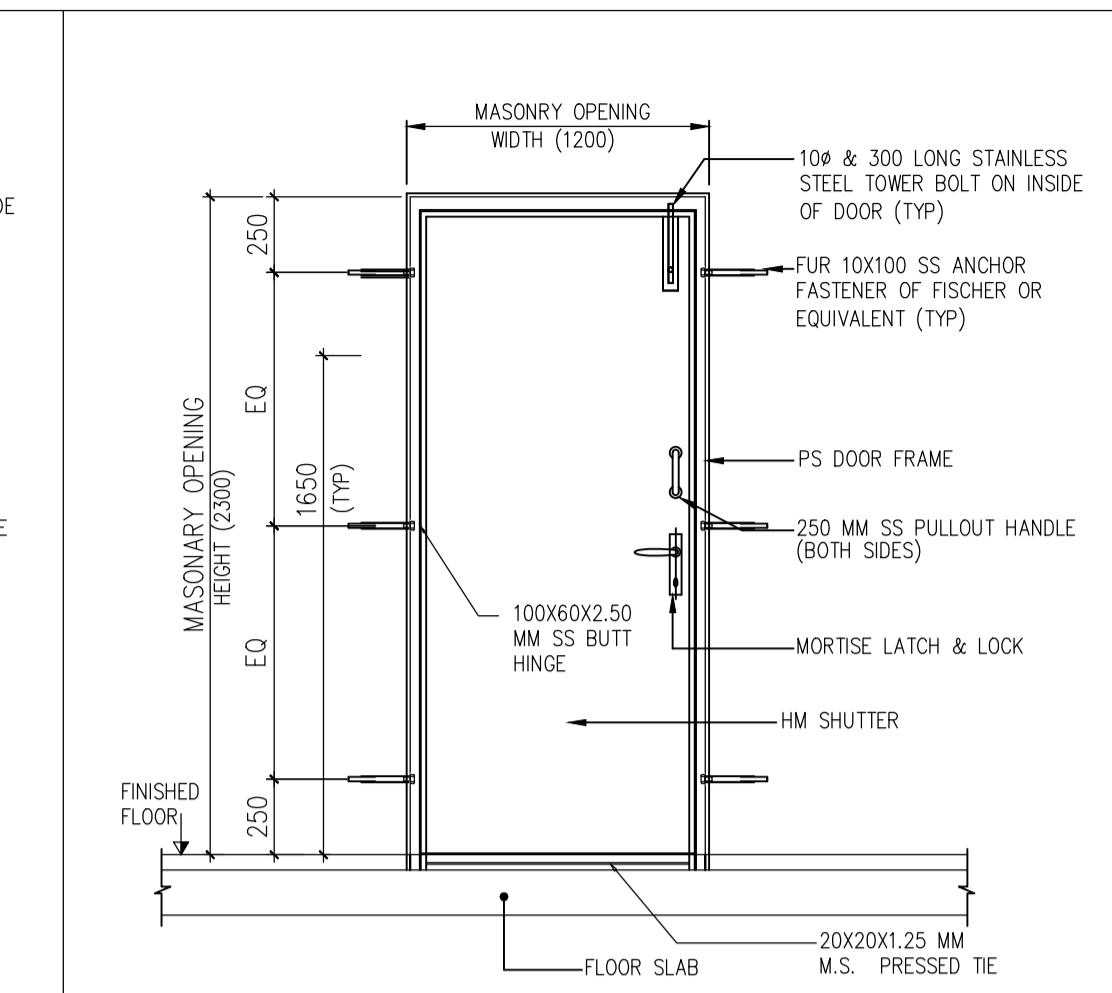
- SS BUTT HINGE - 4 NOS.
- SS ANCHOR FASTENER - 8 NOS.
- SS TOWER BOLT - 1NO.
- SS PULLOUT HANDLE - 2 NOS.
- MORTISE LATCH & LOCK - 1 NO.
- DOOR STOPPER - 1 NO.
- RUBBER BUFFER - 2 NOS.
- VISION PANEL - 1 NO.



DOOR TYPE -B (1200 X 2100)

HARDWARE SCHEDULE (SET -2)

- SS BUTT HINGE - 3 NOS.
- SS ANCHOR FASTENER - 6 NOS.
- SS TOWER BOLT - 1NO.
- SS PULLOUT HANDLE - 2 NOS.
- MORTISE LATCH & LOCK - 1 NO.
- DOOR STOPPER - 1 NO.
- RUBBER BUFFER - 2 NOS.
- VISION PANEL - 1 NO.

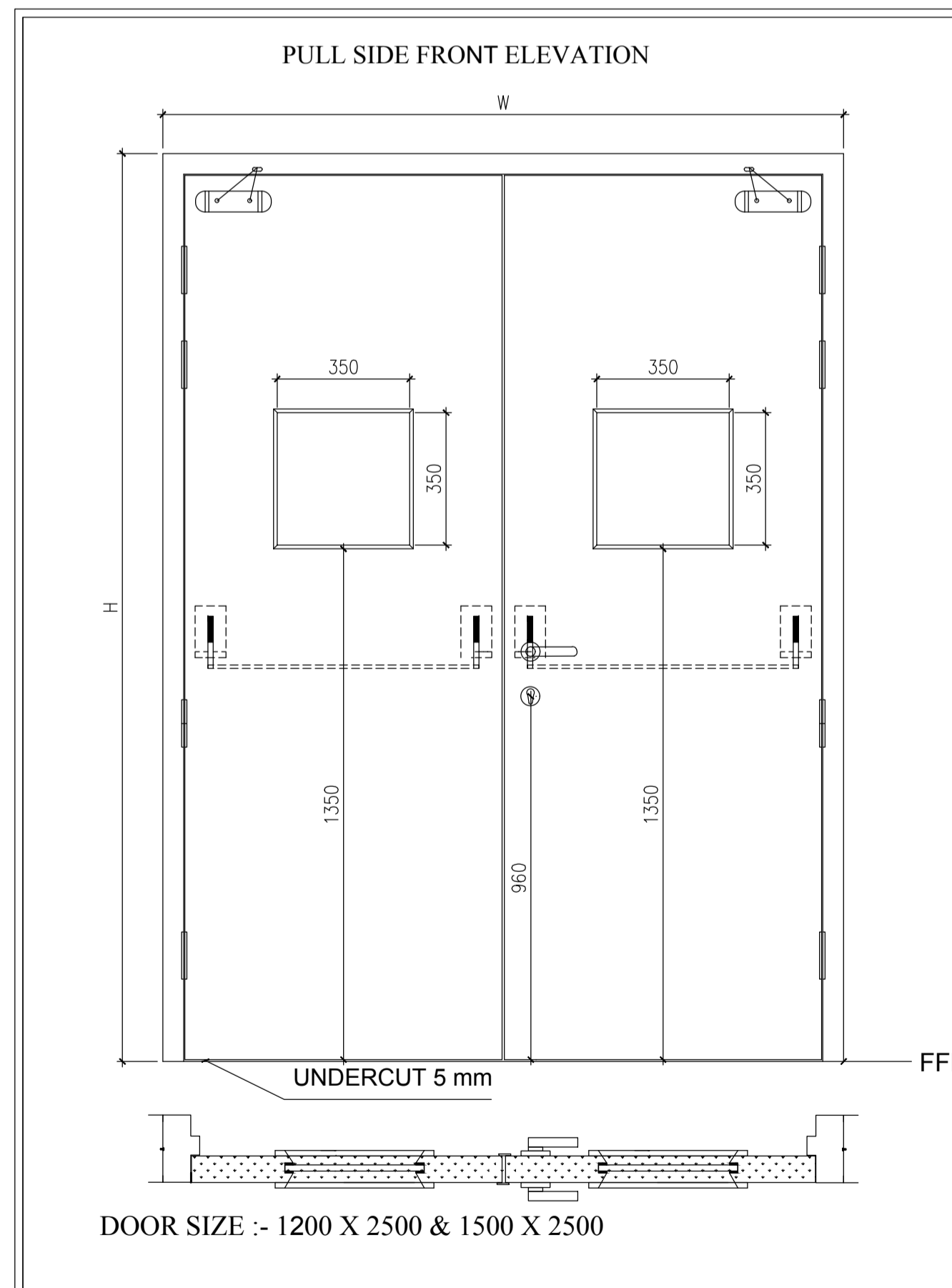


DOOR TYPE -C (1200 X 2500)

HARDWARE SCHEDULE (SET -3)

- SS BUTT HINGE - 3 NOS.
- SS ANCHOR FASTENER - 6 NOS.
- SS TOWER BOLT - 1NO.
- SS PULLOUT HANDLE - 2 NOS.
- MORTISE LATCH & LOCK - 1 NO.
- DOOR STOPPER - 1 NO.
- RUBBER BUFFER - 2 NOS.

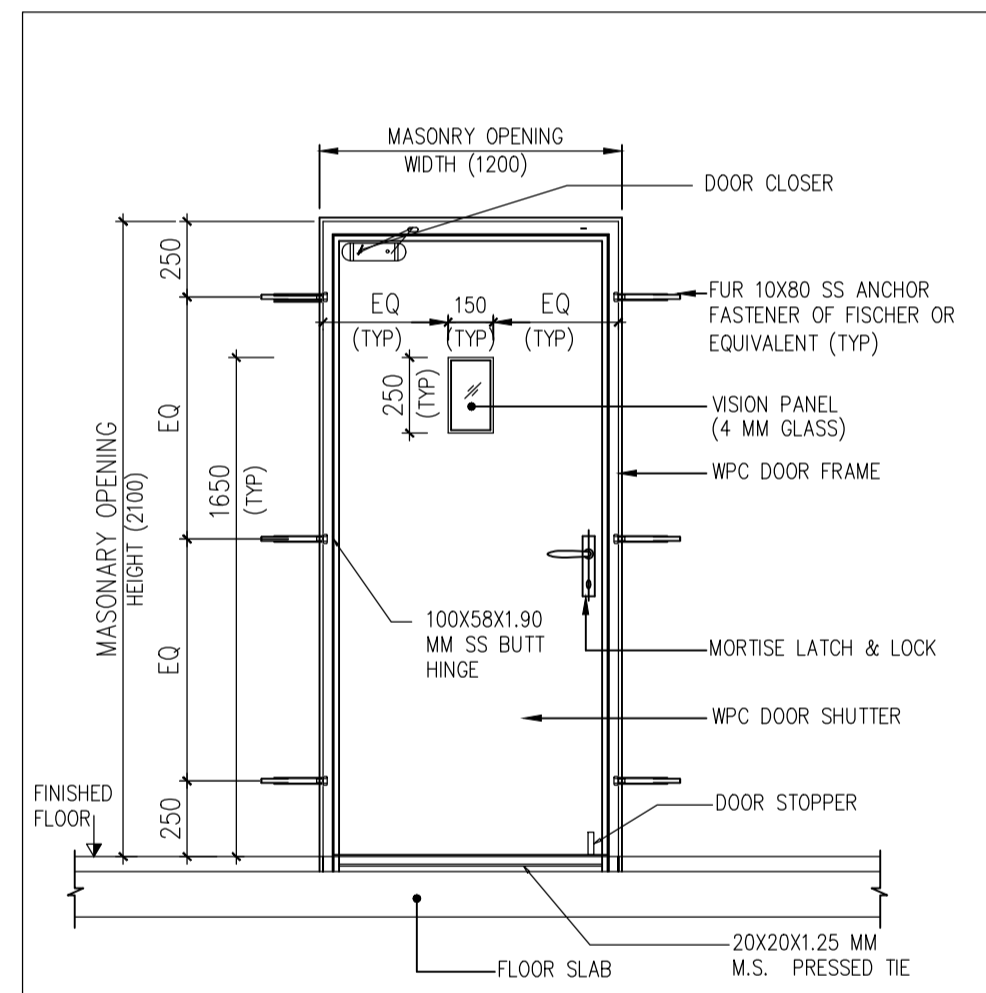
ELEVATION OF FIRE DOOR (SINGLE SHUTTER) -TYPE D



DOOR SIZE :- 1200 X 2500 & 1500 X 2500

LEGEND		
A	DOOR TYPE	DOUBLE LEAVES
B	FRAME SHEET THICKNESS - G.I. OF SECTION 154 X 77 DOUBLE REBATE.	1.6 mm
C	49 mm SHUTTER SHEET THICKNESS - G.I.	1.2 mm
D	FIRE RATING	120 MIN.
E	SHADE :- FRAME - P.O. RED , SHUTTER - P.O. RED	
E	INFILL :- ROCKWOOL 98kg/m <sup>3</sup>	
TOTAL QTY :- 01 NO. LH=00 RH=00		
HARDWARE - SET 5		
1	HINGES OF SIZE 100 X 75 X 3 mm.	04 NOS PER LEAF
2	DOOR CLOSER WITH STANDARD ARM.	1 NO PER LEAF
3	MORTISE SASH LOCK WITH LEVER HANDLE OF .	1 NO. PER DOOR
4	VISION PANEL OF SIZE 350 X 350 11 mm THICK GLASS.	1 NO PER LEAF
5	PANIC BAR & PANIC TRIM.	1 SET PER DOOR

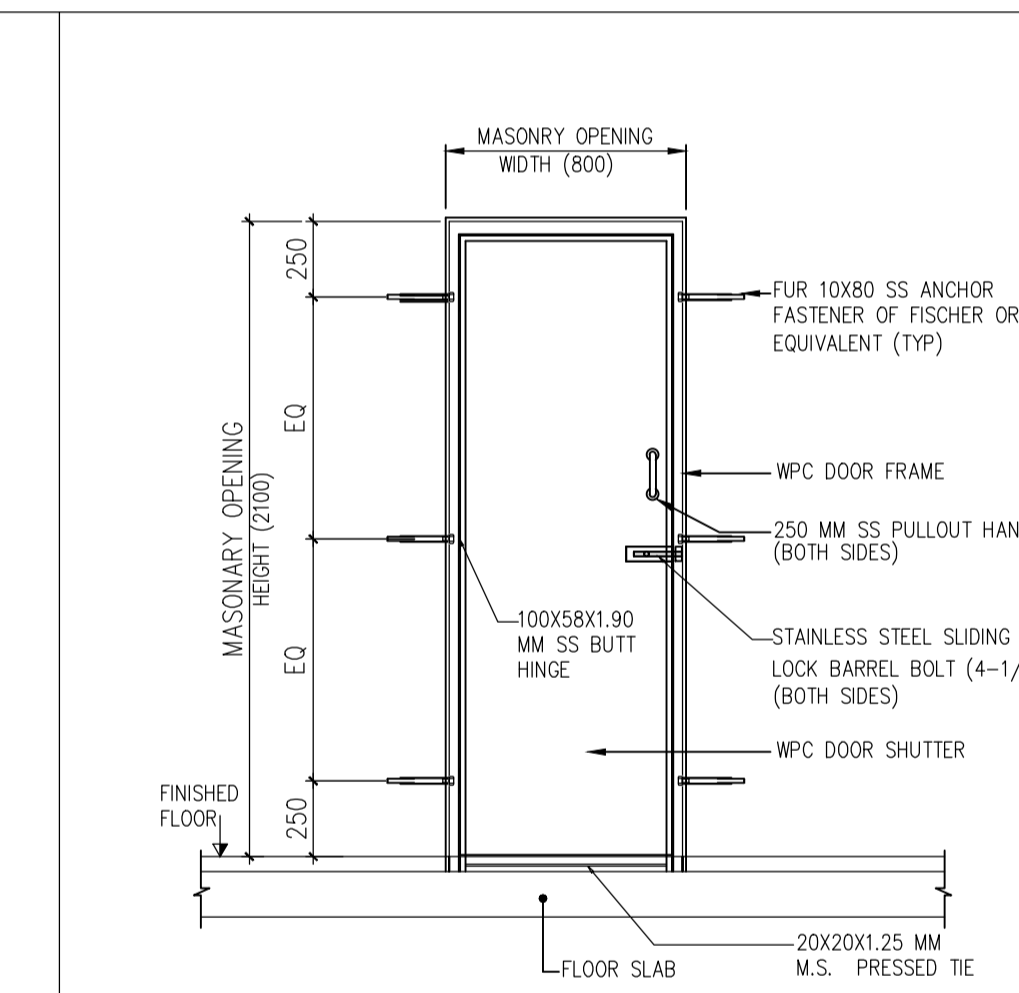
ELEVATION OF WOOD PLASTIC COMPOSITE (WPC) DOOR



DOOR TYPE -F (1200 X 2100)

HARDWARE SCHEDULE (SET -6)

- SS BUTT HINGE - 3 NOS.
- SS ANCHOR FASTENER - 6 NOS.
- MORTISE LATCH & LOCK - 1 NO.
- DOOR STOPPER - 1 NO.
- RUBBER BUFFER - 2 NOS.
- VISION PANEL - 1 NO.
- DOOR CLOSER - 1 NOS



DOOR TYPE -G (800 X 2100)

HARDWARE SCHEDULE (SET -7)

- SS BUTT HINGE - 3 NOS.
- SS ANCHOR FASTENER - 6 NOS.
- STAINLESS STEEL SLIDING LOCK BARREL BOLT - 2 NO.
- SS PULLOUT HANDLE - 2 NOS.

NOTES:-

1. FOR NOTES SEE THE DRAWING NUMBER 18A08-DWG-A-0002 SH-1

REF DWGS:-

1. FOR REF. DRAWINGS SEE THE DRAWING NUMBER 18A08-DWG-A-0002 SH-1

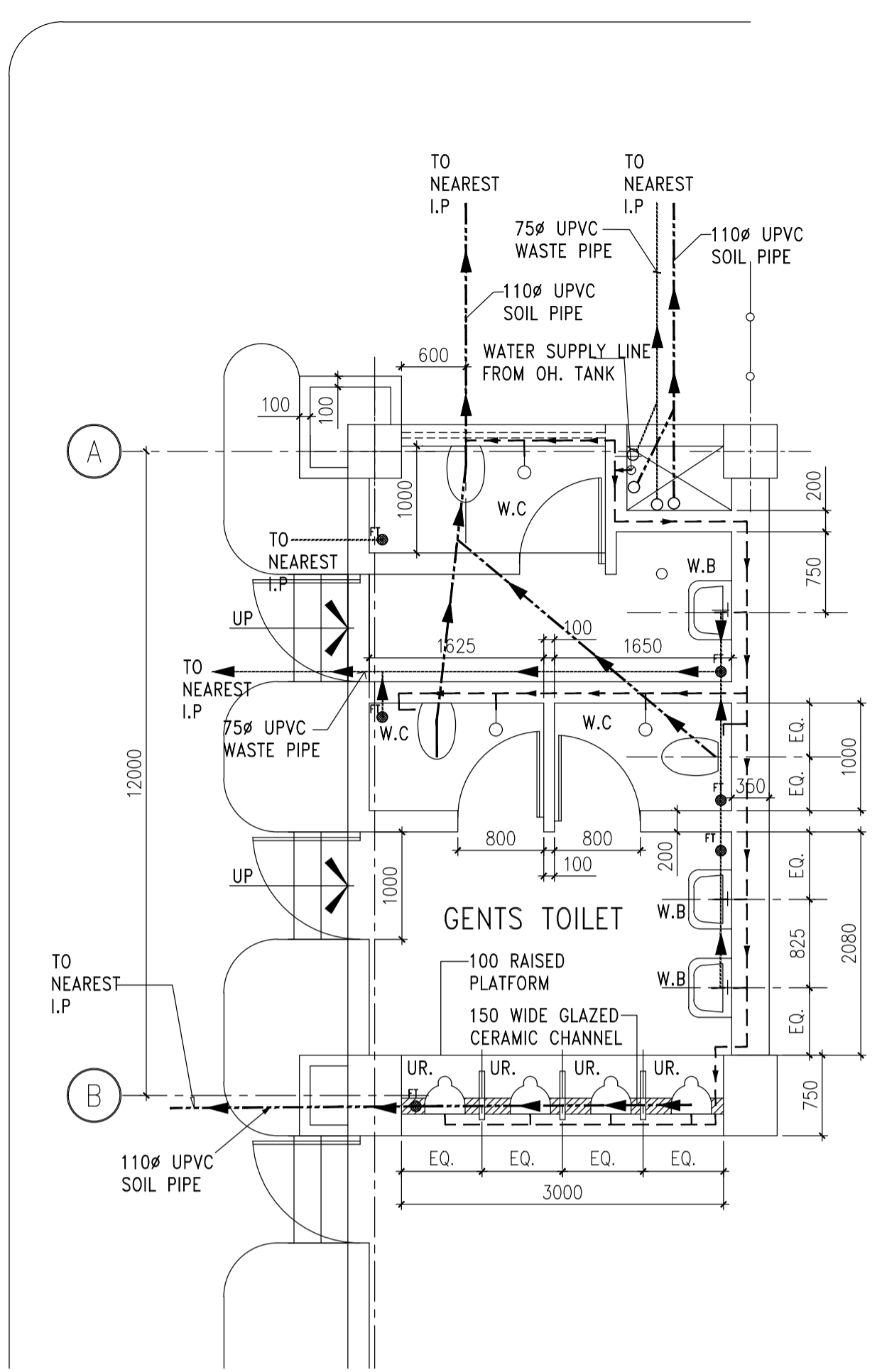
ISSUED FOR CONSTRUCTION

ELEVATION OF FIRE DOOR (DOUBLE SHUTTER) -TYPE E

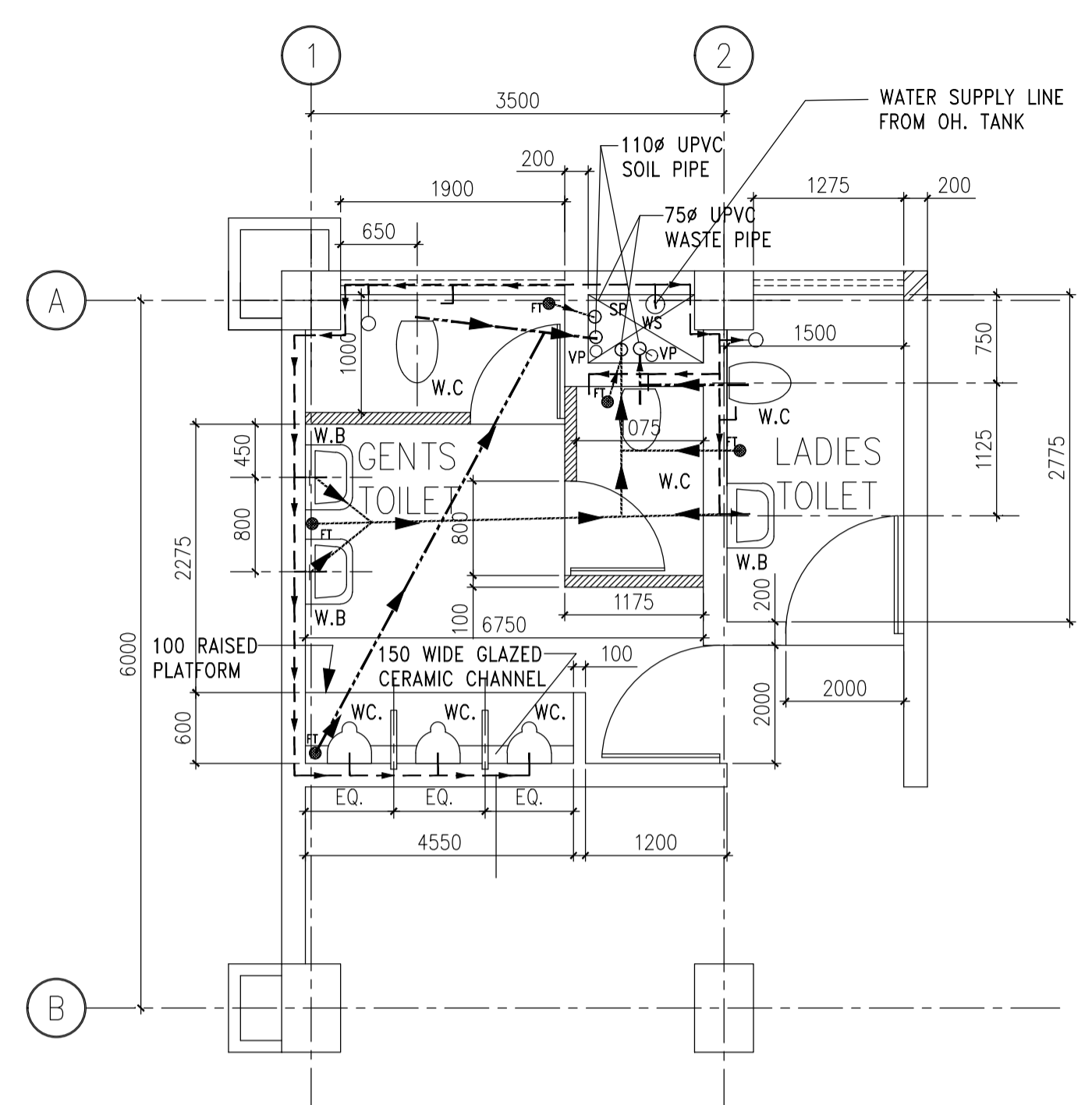
APPROV.	MECH.	INST.	ELEC.	STRL.	ARCH.	NATURE OF REVISION & DESCRIPTION	CHECKED	DRAWN	REV.	DATE

RELEASE STATUS	DATE	SIGNATURE
PRELIMINARY		
FOR TENDER ONLY		
FOR CONSTRUCTION	25.10.19	PKP
ARCHITECTURAL	25.10.19	PKP
CIVIL & STRUCTURAL		
ELECTRICAL		
INSTRUMENTATION		
MECHANICAL		

**IFFCO PARADEEP** OWNER: **IFFCO PARADEEP**  
 PROJECT: **IFFCO PARADEEP AFBC BOILER CONTROL ROOM**  
 TITLE: **CONTROL BUILDING ELEVATIONS OF DOOR WITH HARDWARE FIXTURES**  
**DEVELOPMENT CONSULTANTS PVT LTD.**  
**CONSULTING ENGINEERS**  
 KOLKATA • MUMBAI • CHENNAI • NEW DELHI  
 PREPARED SM JOB NO. 18A08  
 CHECKED SA SCALE AS NOTED  
 APPROVED PKP DATE 25.01.2019  
 DWG. NO. 18A08-DWG-A-0005  
 SHEET 2 OF 2

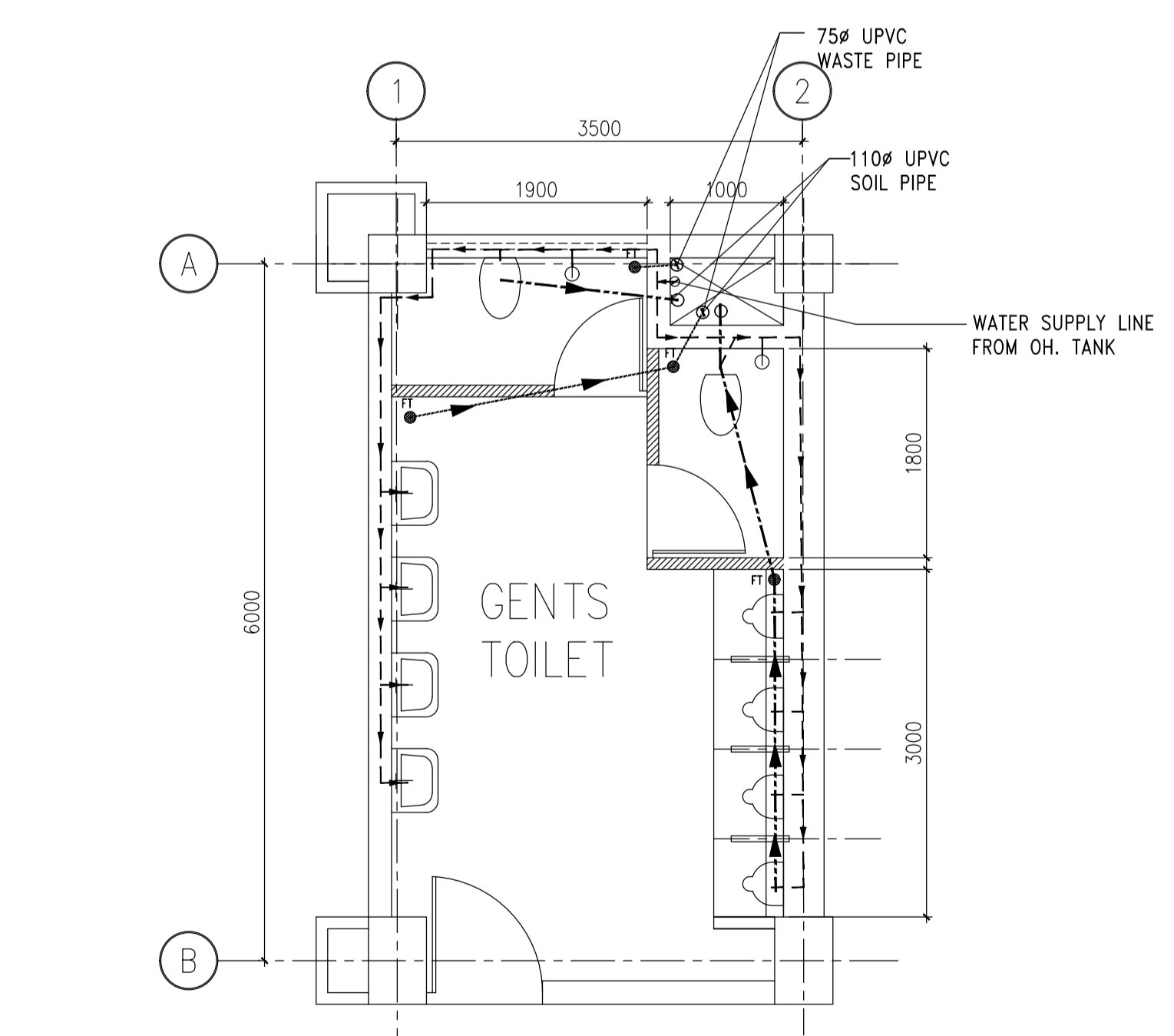


PLAN OF TOILET LAYOUT AT GROUND FLOOR (SHOWING POSITION OF SOIL WASTE LINE & WATER LINE)



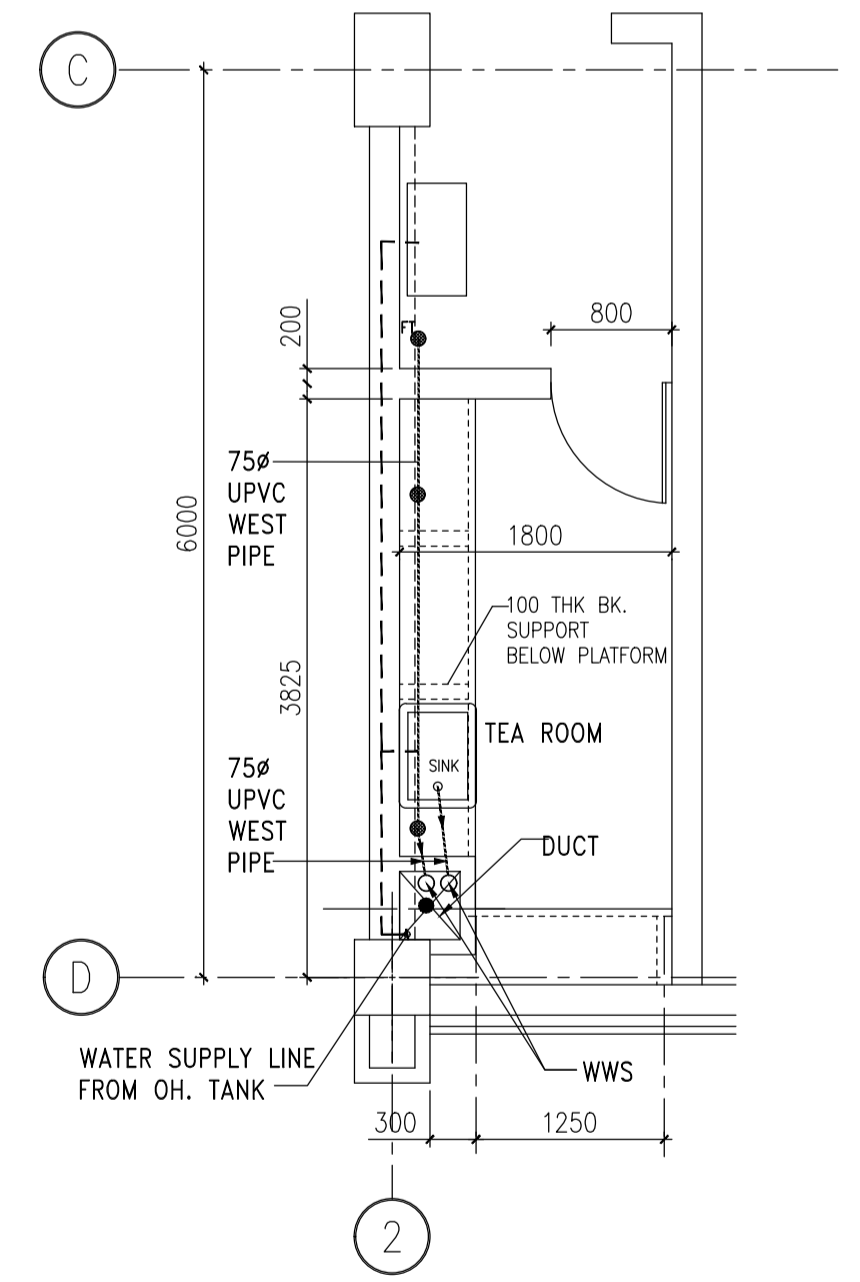
PLAN OF TOILET LAYOUT AT SECOND FLOOR (SHOWING POSITION OF SOIL WASTE LINE & WATER LINE)

2200 MM HIGH WALL

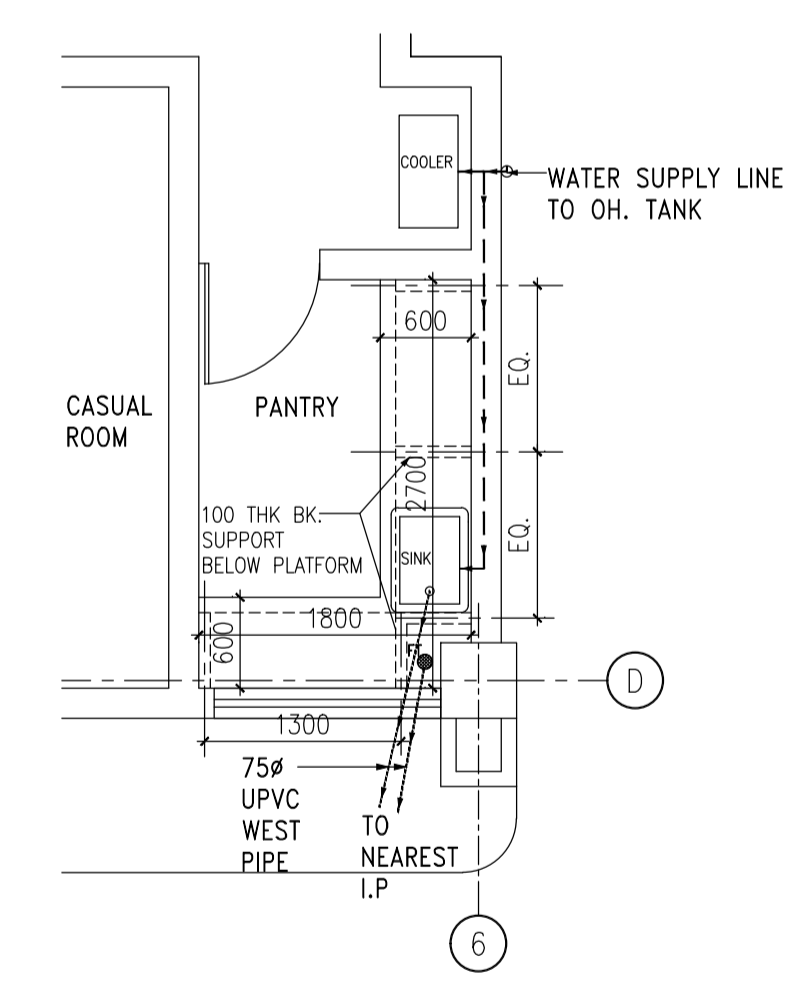


PLAN OF TOILET AT FIRST FLOOR (SHOWING POSITION OF WASTE LINE & WATER LINE)

2200 MM HIGH WALL

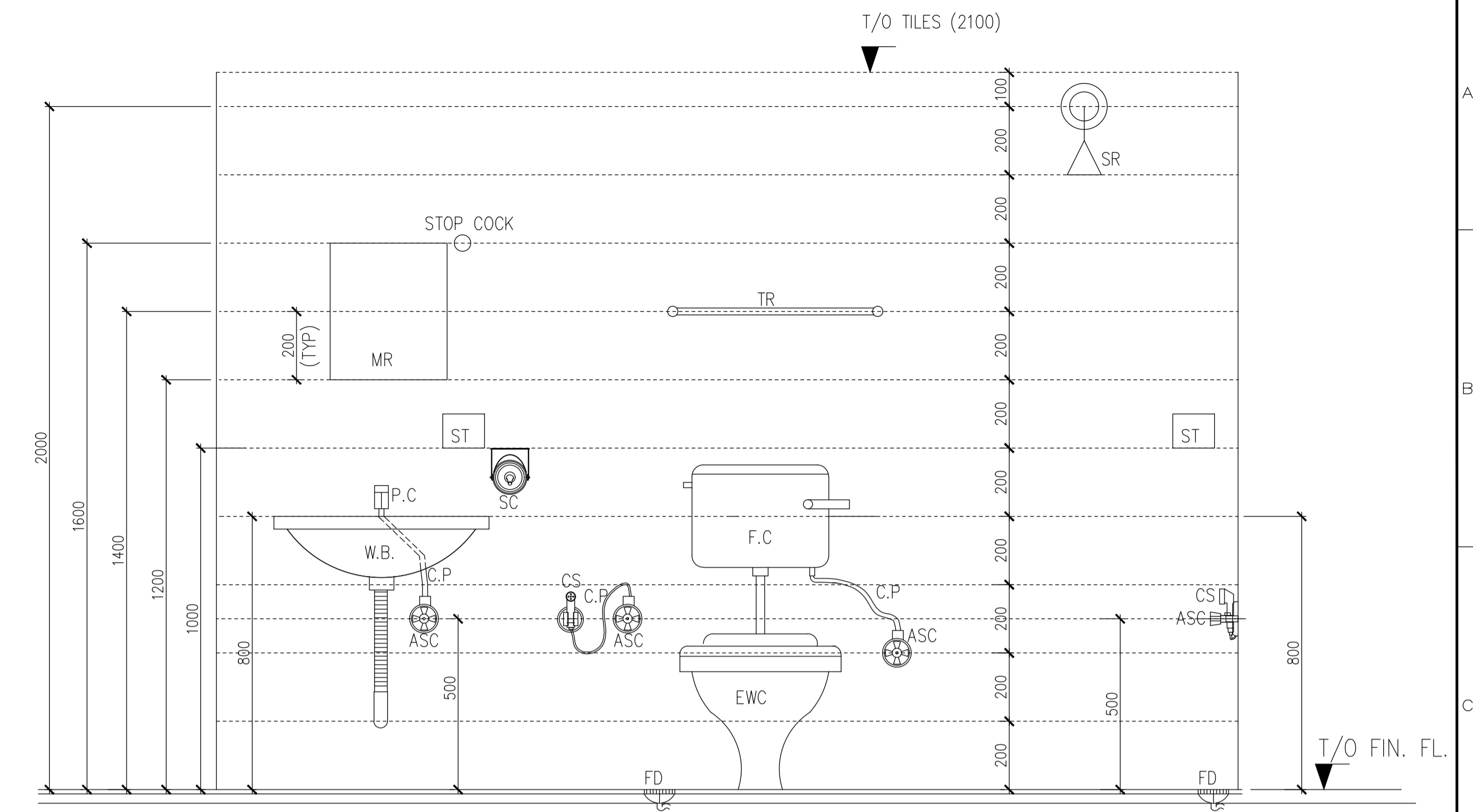


PLAN OF TEA ROOM AT SECOND FLOOR (SHOWING POSITION OF WASTE LINE & WATER LINE)



PLAN OF PANTRY AT GROUND FLOOR (SHOWING POSITION OF WASTE LINE & WATER LINE)

100 MM THICK 2100 HIGH WALL  
 110 # uPVC SOIL PIPE  
 75 # uPVC WASTE PIPE  
 110 # uPVC SOIL PIPE



TYPICAL VERTICAL LOCATION OF TOILET FIXTURE & FITINGS WITH RESPECT TO WALL TILE LAYOUT (SIZE 300x200)

LEGEND

- 1. E.W.C= EUROPEAN WATER CLOSET
- 2. F.T= FLOOR TRAP
- 3. VG=VERTICAL GRID
- 4. A.T= ABLUTION TAP (BIB COCK)
- 5. W.S.S = PP-R WATER STACK
- 6. W.W.S.= 110 # UPVC WASTE STACK
- 7. W.W.S.1 = 160 # UPVC WASTE STACK
- 8. S.S.= 110 # UPVC SOIL STACK
- 9. FC = FLUSHING CISTERN
- 10. CP = CONNECTOR PIPE
- 11. WB= WASH BASIN
- 12. UR= URINAL
- 13. S=STAINLESS STEEL KITCHEN SINK WITH DRAIN BOARD
- 14. PC= PILLAR COCK
- 15. SC= STOP COCK
- 16. BC= BIB COCK
- 17. ASC= ANGULAR STOP COCK
- 18. PT= P TRAP
- 19. BP= BENT PLAIN
- 20. BD= BENT DOOR
- 21. JD= SINGLE JOINT DOOR
- 22. WP= PP-R. WASTE PIPE
- 23. R= REDUCER
- 24. C= COWL
- 25. VP= VENT PIPE
- 26. IP= INSPECTION PIT
- 27. GR= GEYSER
- 28. RWP=110/150 # PVC RAIN WATER PIPE
- 29. GBR= GRAB BAR
- 30. MR= MIRROR

NOTES:-

1. FOR NOTES SEE THE DRAWING NUMBER 18A08-DWG-A-0002 SH-1

REF DWGS:-

1. FOR REF. DRAWINGS SEE THE DRAWING NUMBER 18A08-DWG-A-0002 SH-1

ISSUED FOR CONSTRUCTION

IFFCO PARADEEP	OWNER: IFFCO PARADEEP
PROJECT: IFFCO PARADEEP AFBC BOILER CONTROL ROOM	
TITLE: CONTROL BUILDING TOILET DETAILS	

APPROV.	MECH.	INST.	ELEC.	STRL.	ARCH.	NATURE OF REVISION & DESCRIPTION	CHECKED	DRAWN	REV.	DATE	RELEASE STATUS	DATE	SIGNATURE
											PRELIMINARY		
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											FOR CONSTRUCTION	26.09.19	PKP
											ARCHITECTURAL	26.09.19	PKP
											CIVIL & STRUCTURAL		
											ELECTRICAL		
											INSTRUMENTATION		
											MECHANICAL		

DEVELOPMENT CONSULTANTS PVT LTD.  
 CONSULTING ENGINEERS  
 KOLKATA • MUMBAI • CHENNAI • NEW DELHI

PREPARED SM  
 CHECKED SA  
 APPROVED PKP

JOB NO. 18A08  
 SCALE AS NOTED  
 DATE 25.01.2019

DWG. NO. 18A08-DWG-A-0006

REV 0  
 SHEET 1 OF 1