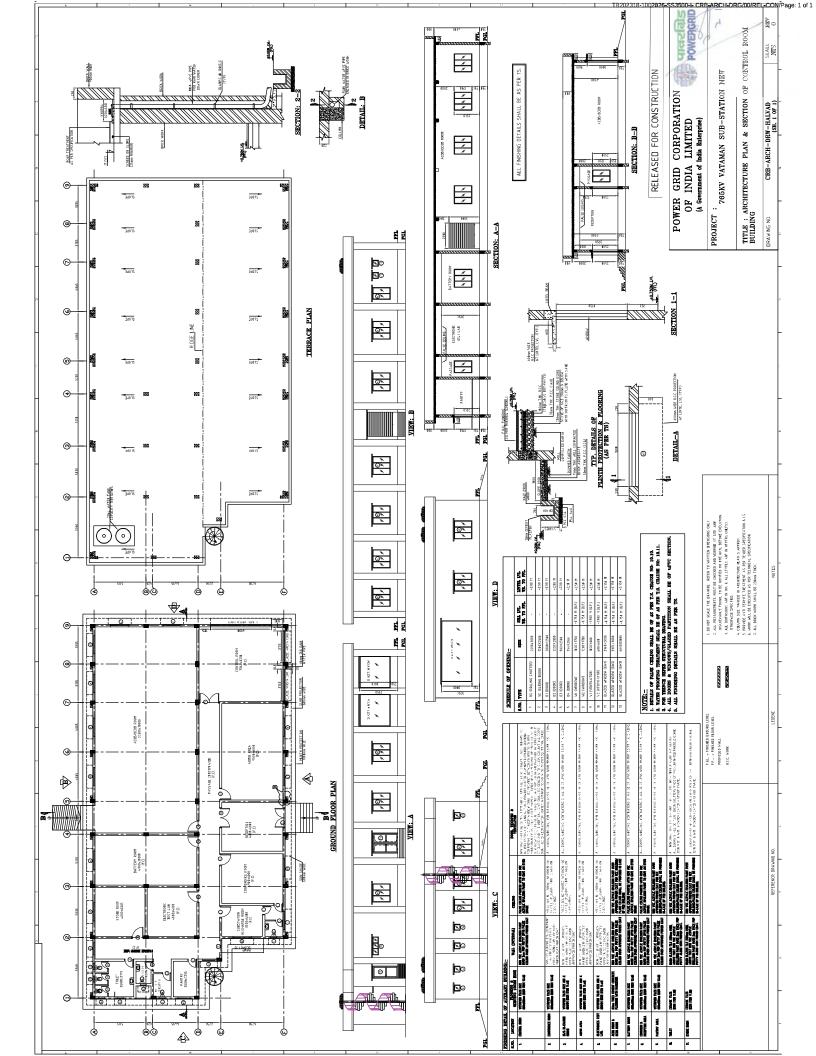
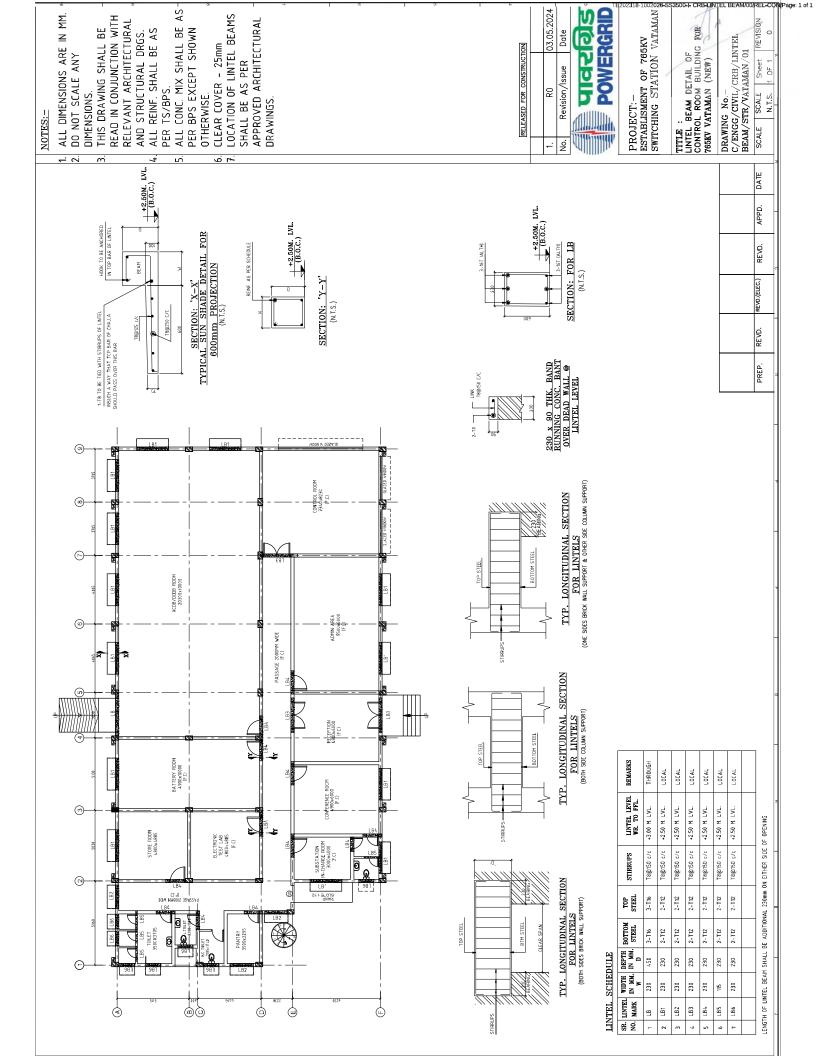
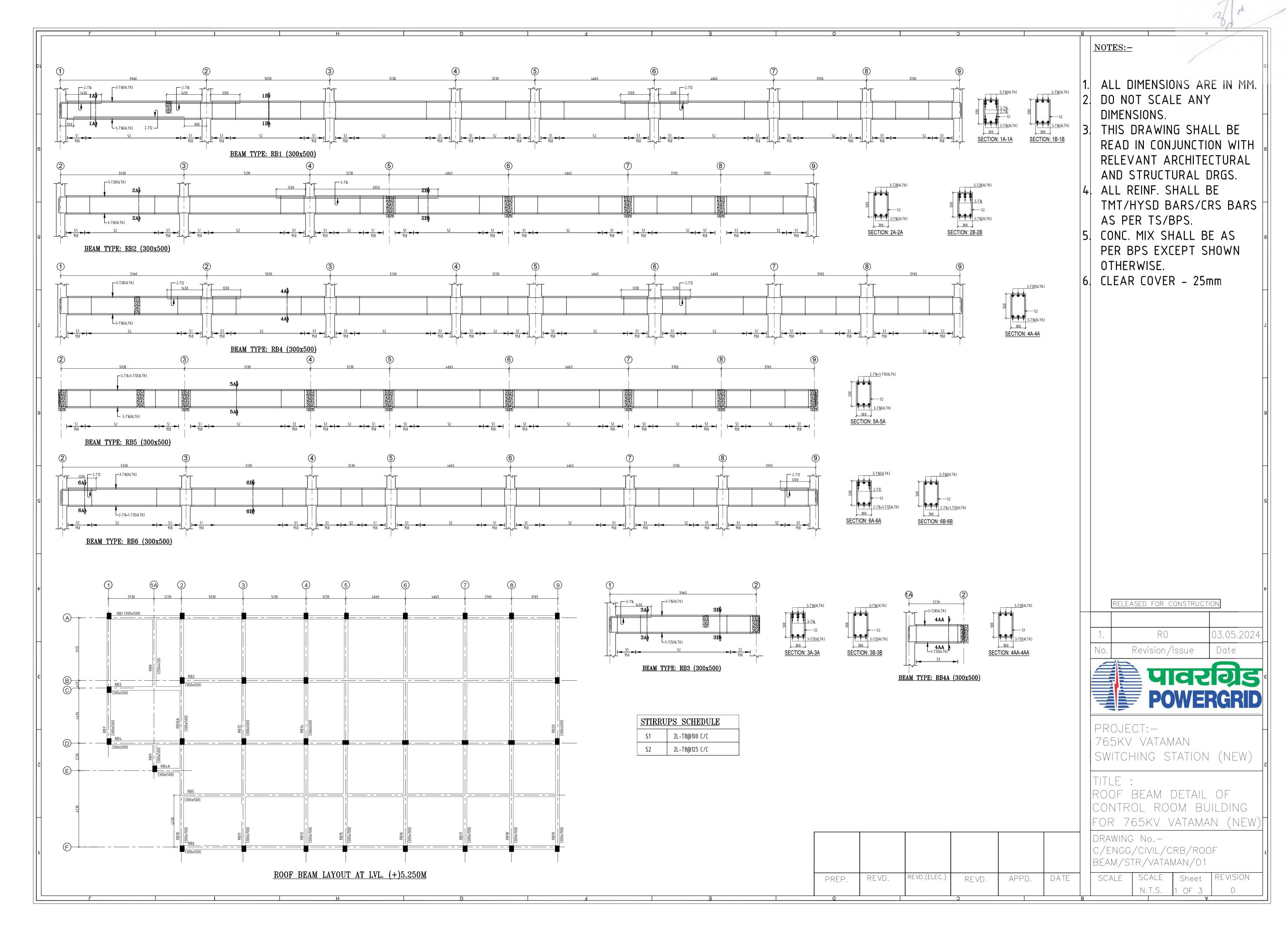
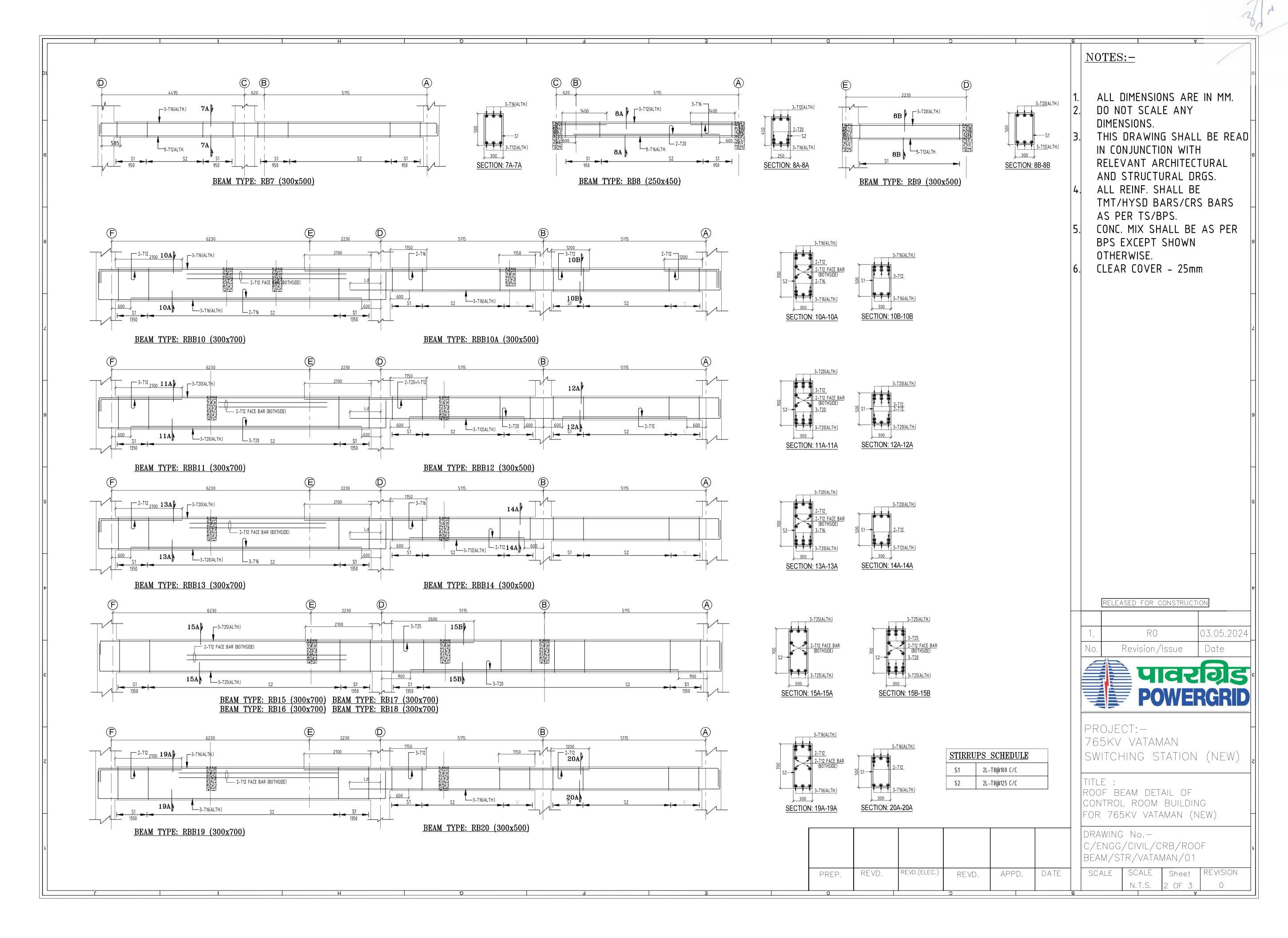
ANNEXURE - C

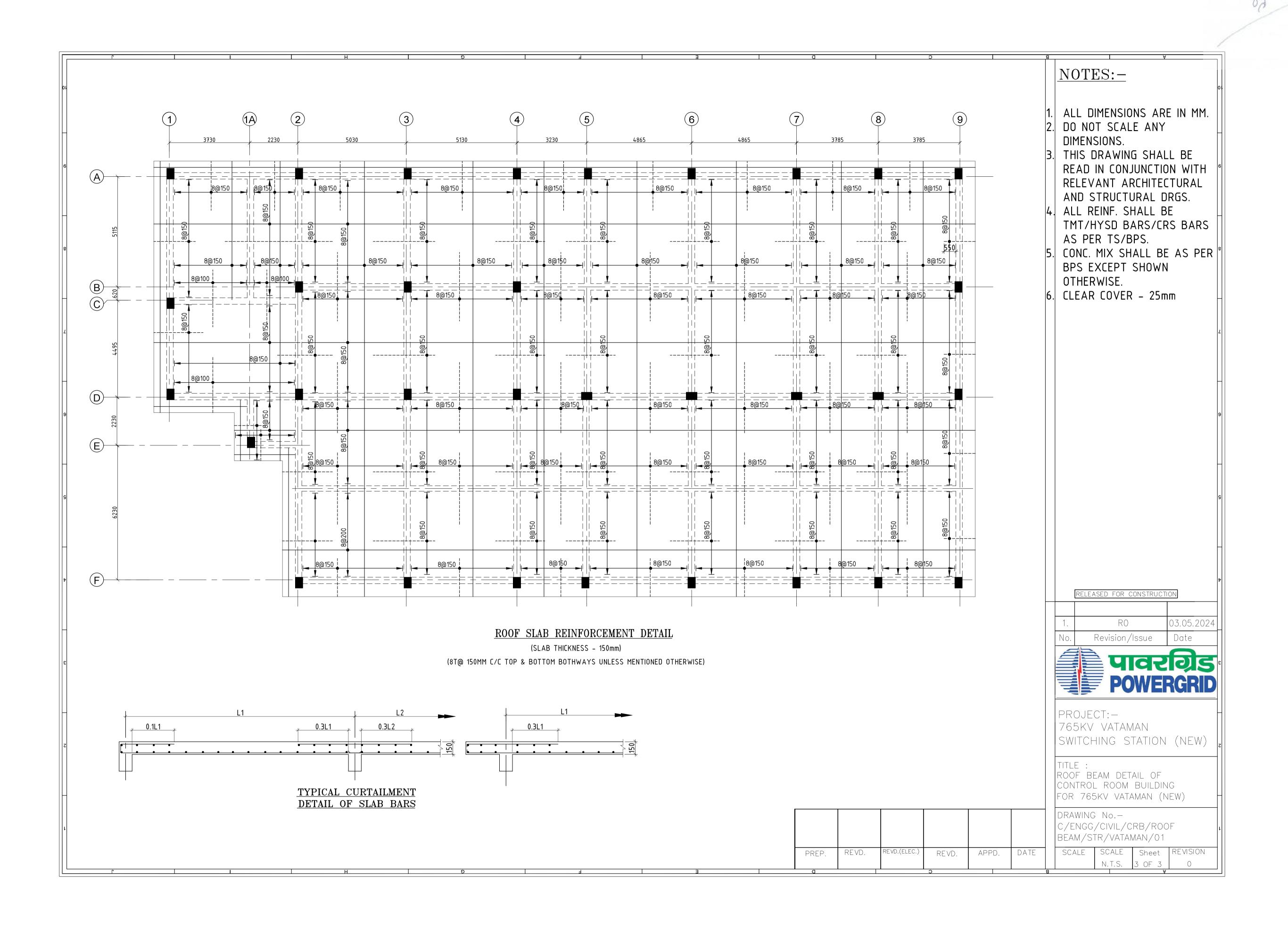
List of drawings					
SI. No.	Drawing Description	Drawing Number			
	VATAMAN SWITCHING S/S- CONTROL ROOM BUILDING				
1	ARCHITECTURE DRAWINGS	TB202318-1002026-SS3500-I- CRB-ARCH-DRG			
	ATAMAN SWITCHING S/S- CONTROL ROOM BUILDING -				
2	LINTEL BEAM	TB202318-1002026-SS3500-I- CRB-LINTEL BEAM			
	VATAMAN SWITCHING S/S- CONTROL ROOM BUILDING -				
3	ROOF LEVEL DRAWING	TB202318-1002026-SS3500-I- CRB-ROOF-DRG			
	VATAMAN SWITCHING S/S- SEPTIC TANK AND SOAK PIT				
4	FOR CONTROL ROOM BUILDING	TB202318-1002026-SS3500-I-CRB - SEPTIC TANK			
	ATAMAN SWITCHING S/S- FIRE FIGHTING PUMP HOUSE				
5	ARCHITECTURE DRAWINGS	TB202318-1002026-SS3500-I- FFPH-BLG-ARCH-DRG			
	VATAMAN SWITCHING S/S- FIRE FIGHTING PUMP HOUSE				
6	SUPER STRUCTURE DRAWING	TB202318-1002026-SS3500-I- FFPH-BLG-SUP-STR-DRG			

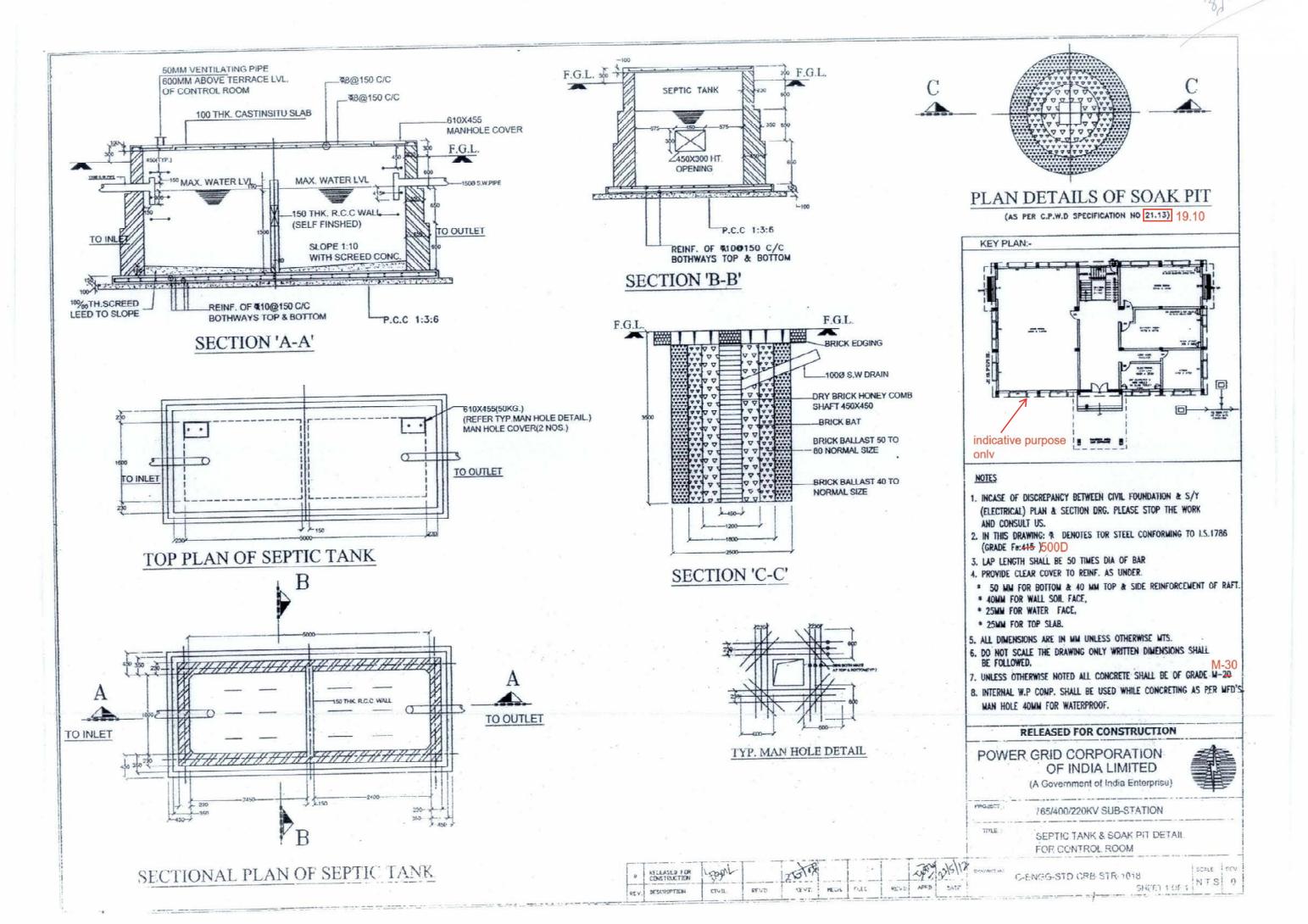


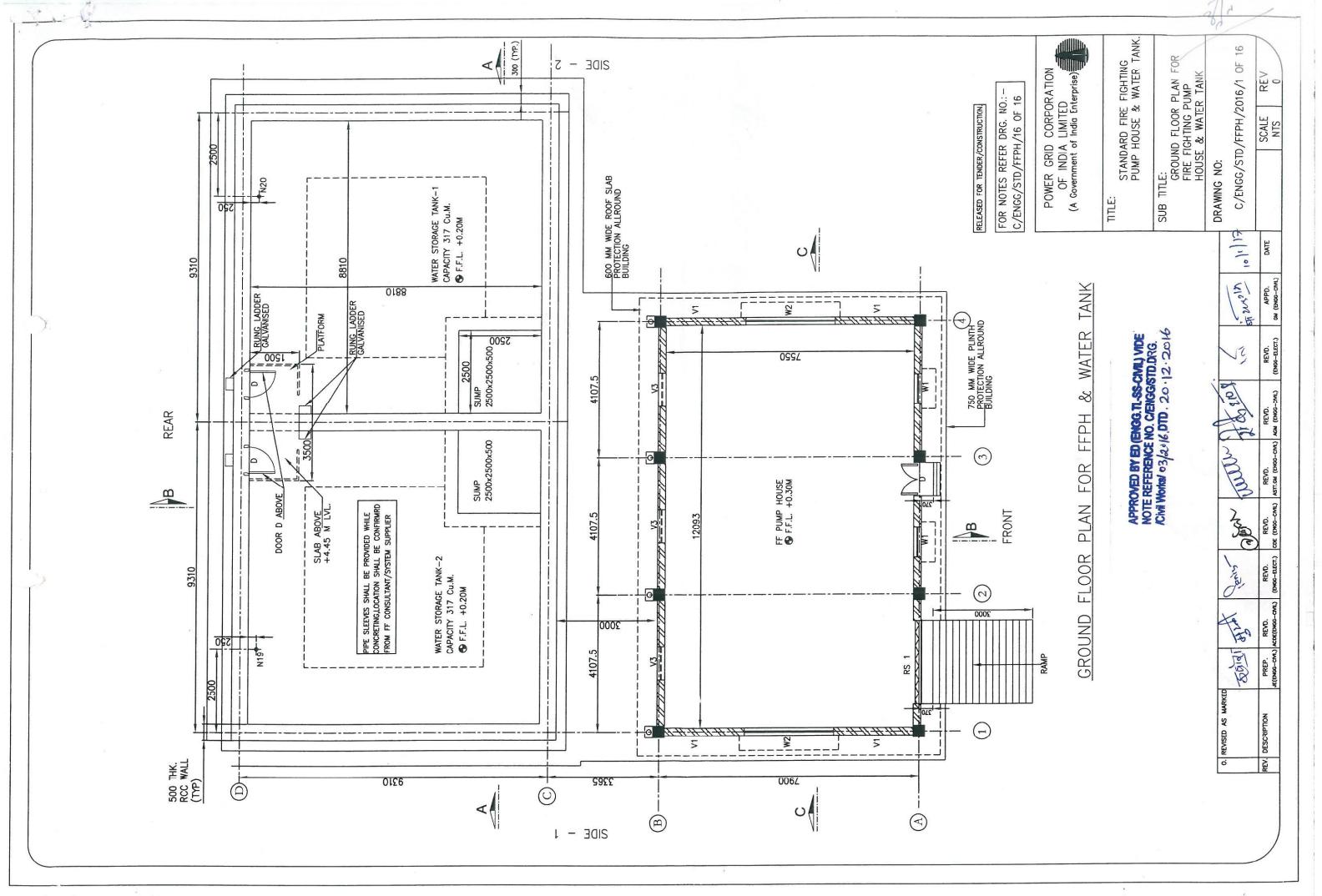


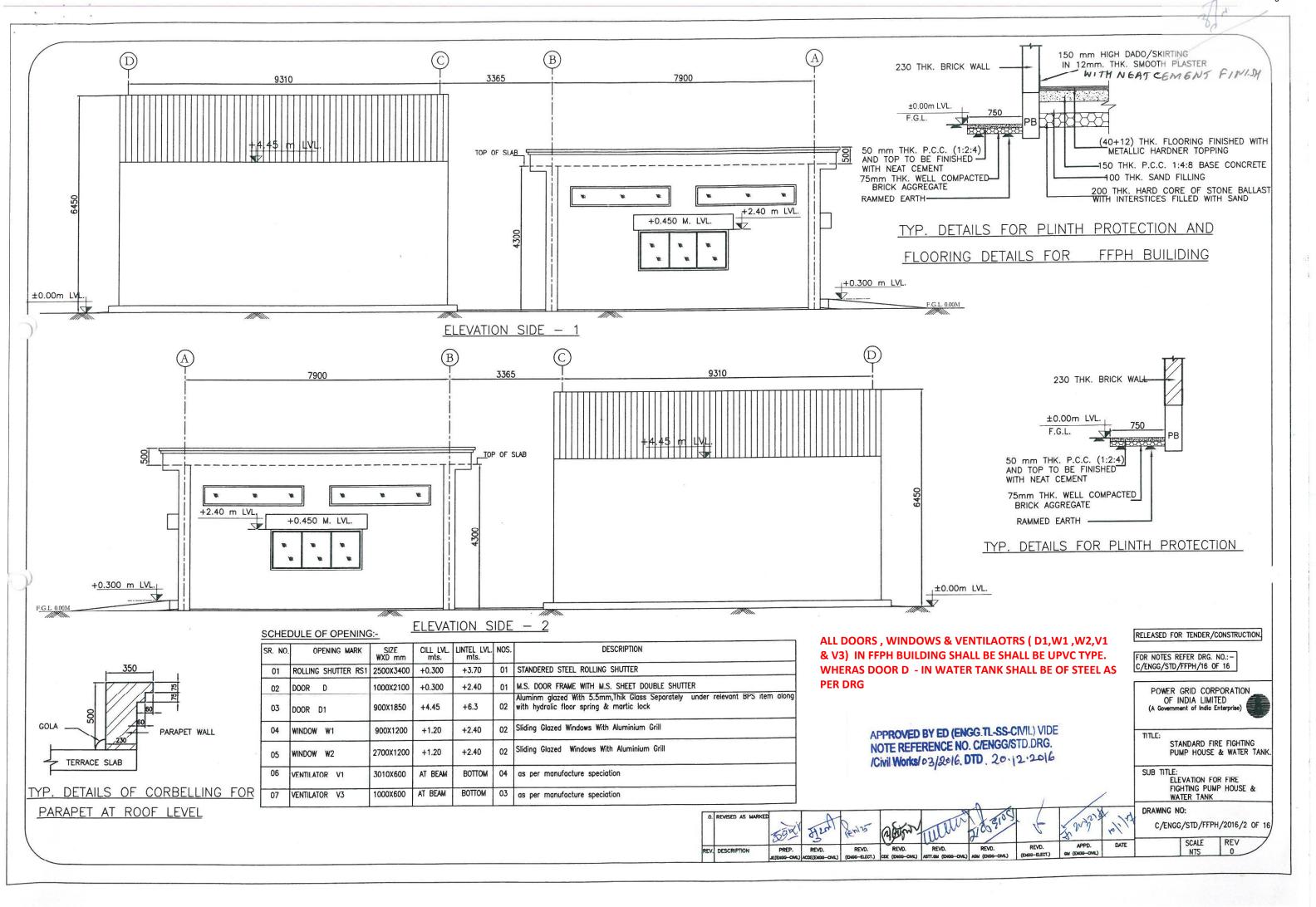


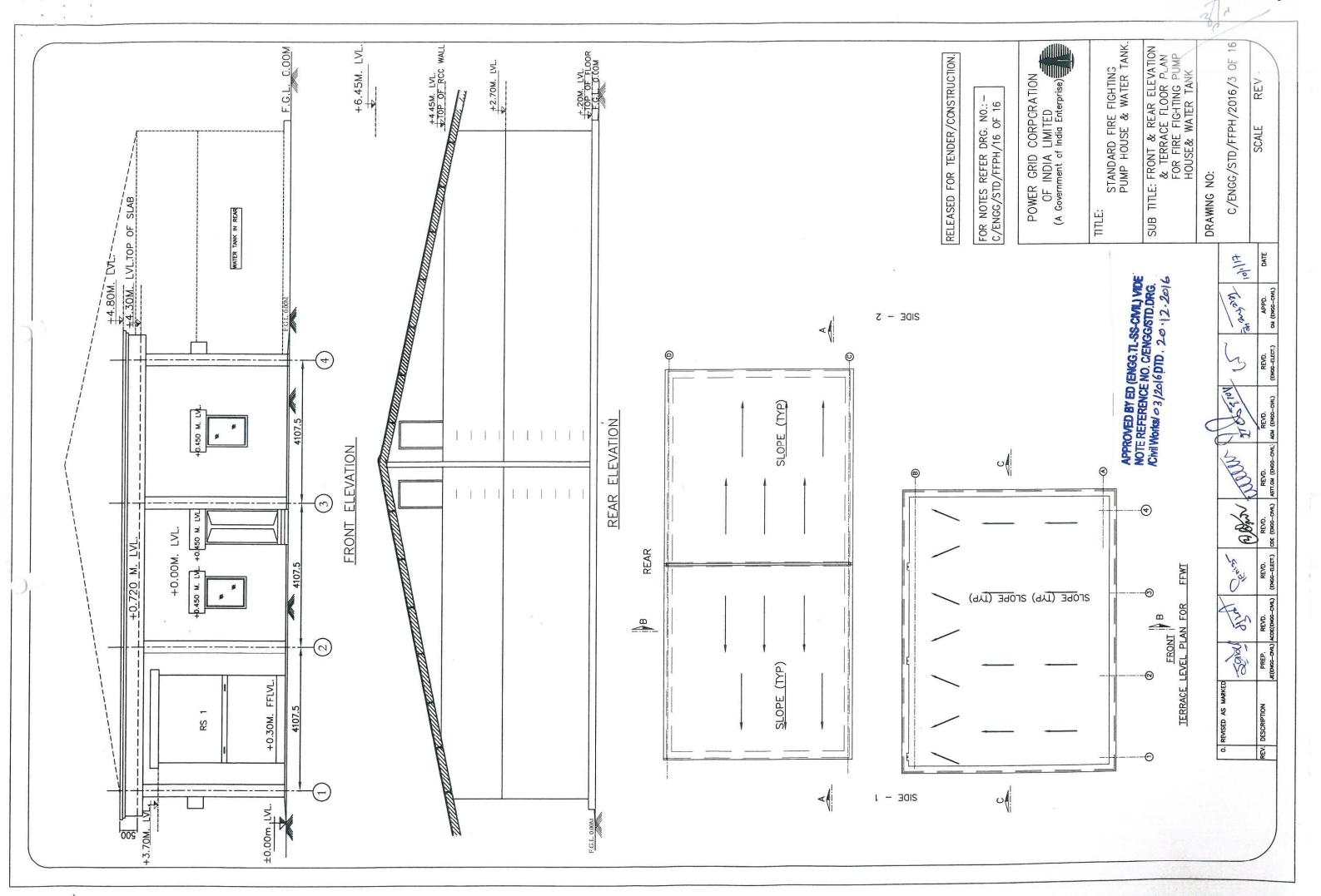


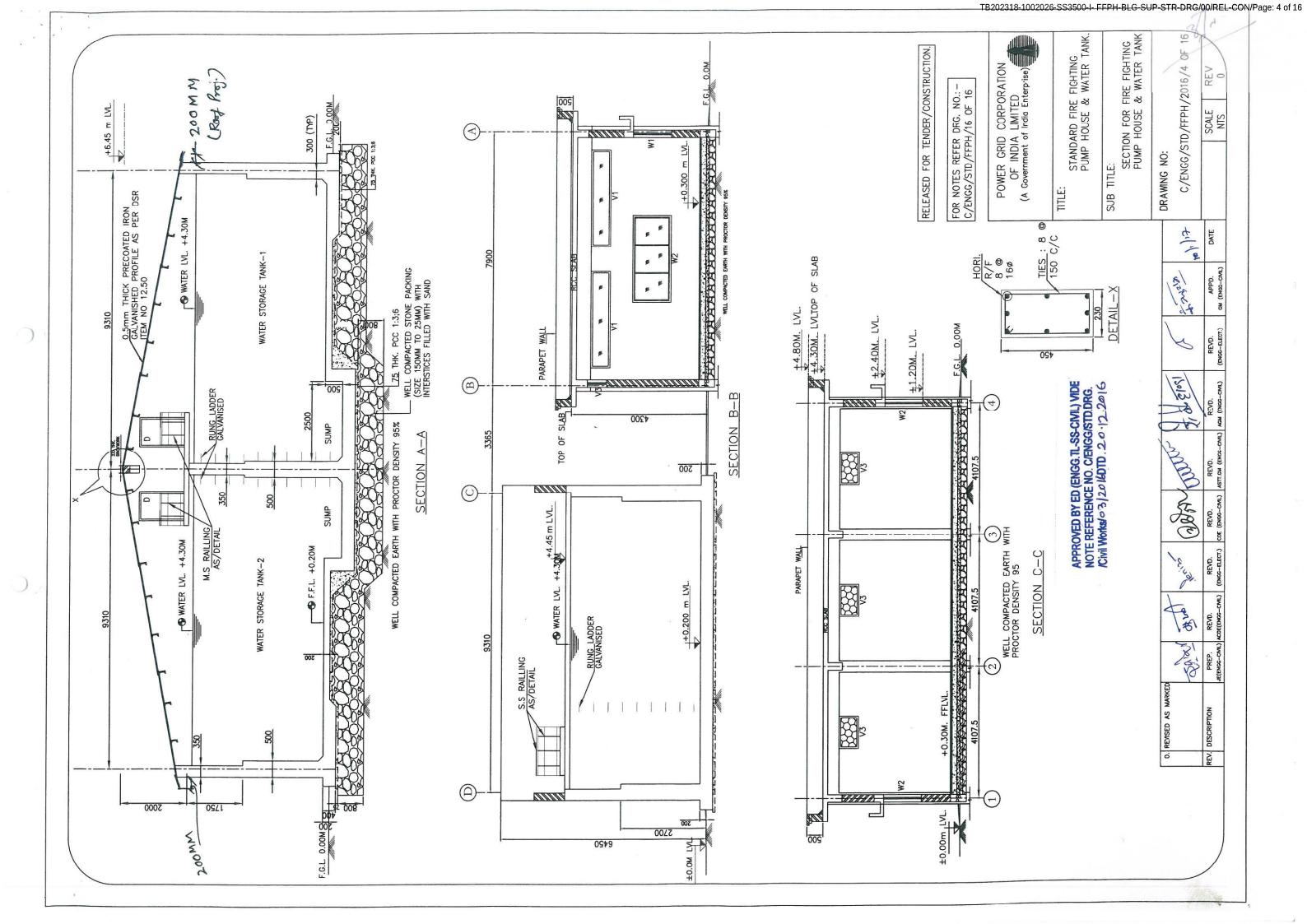


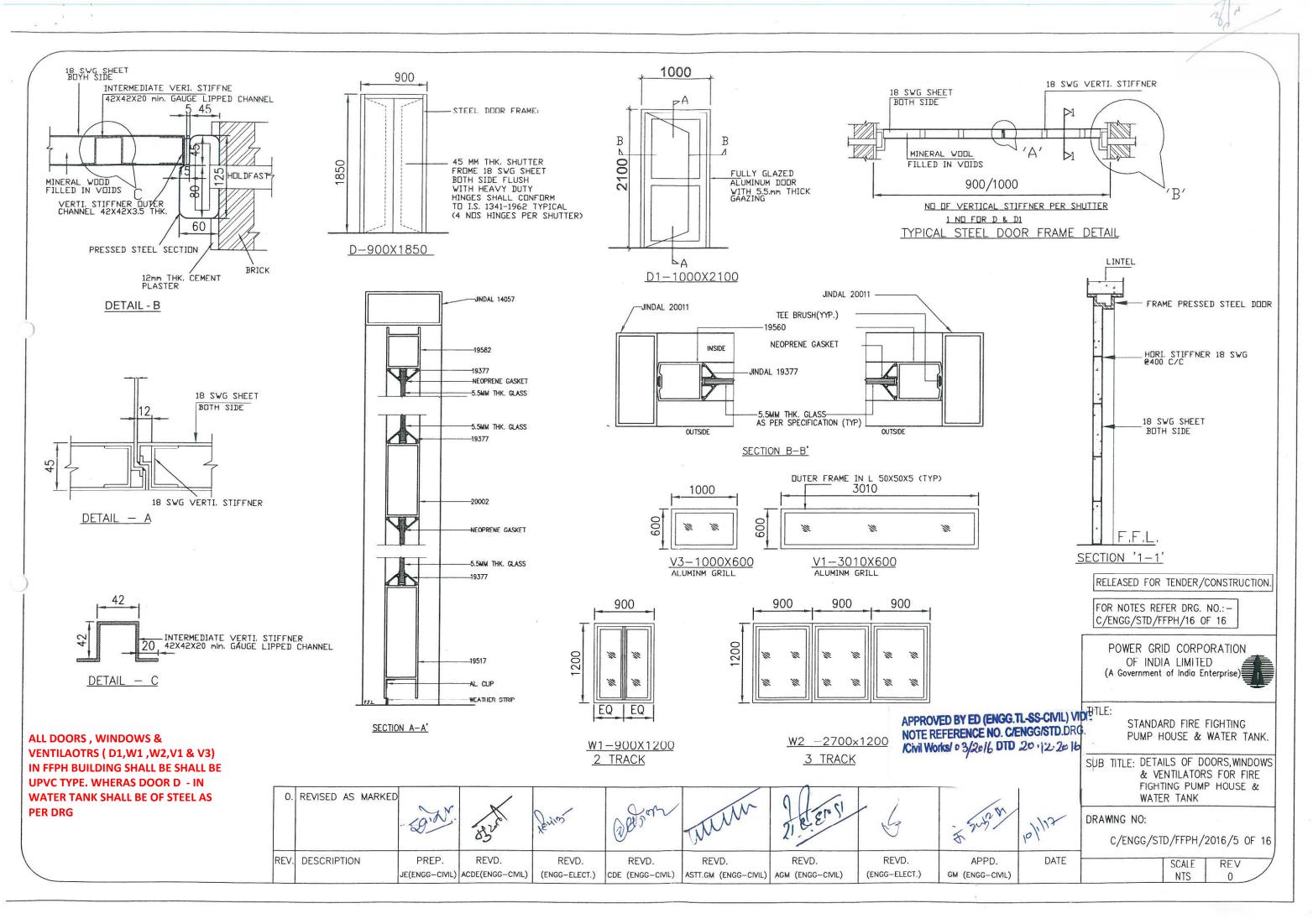


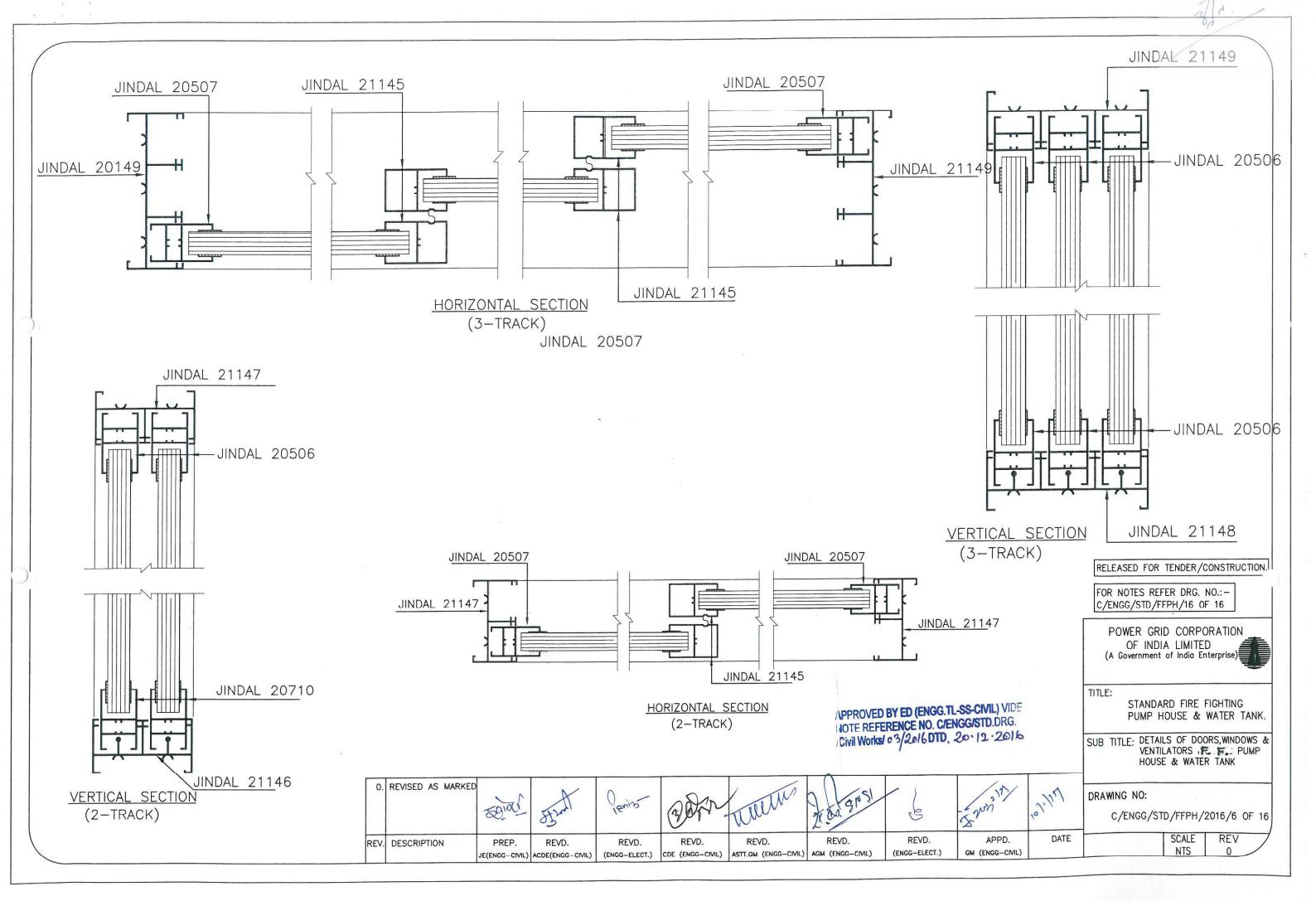


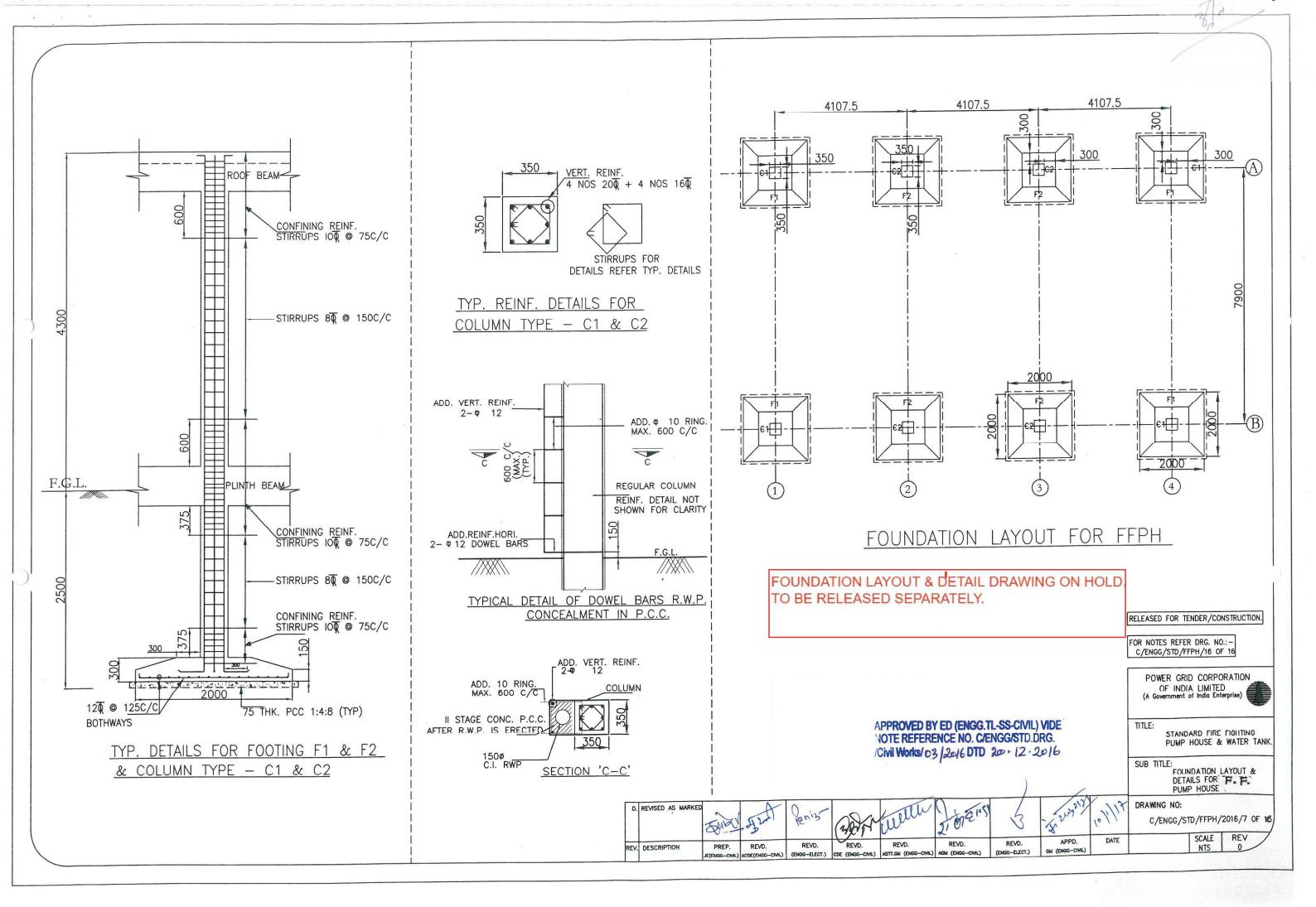


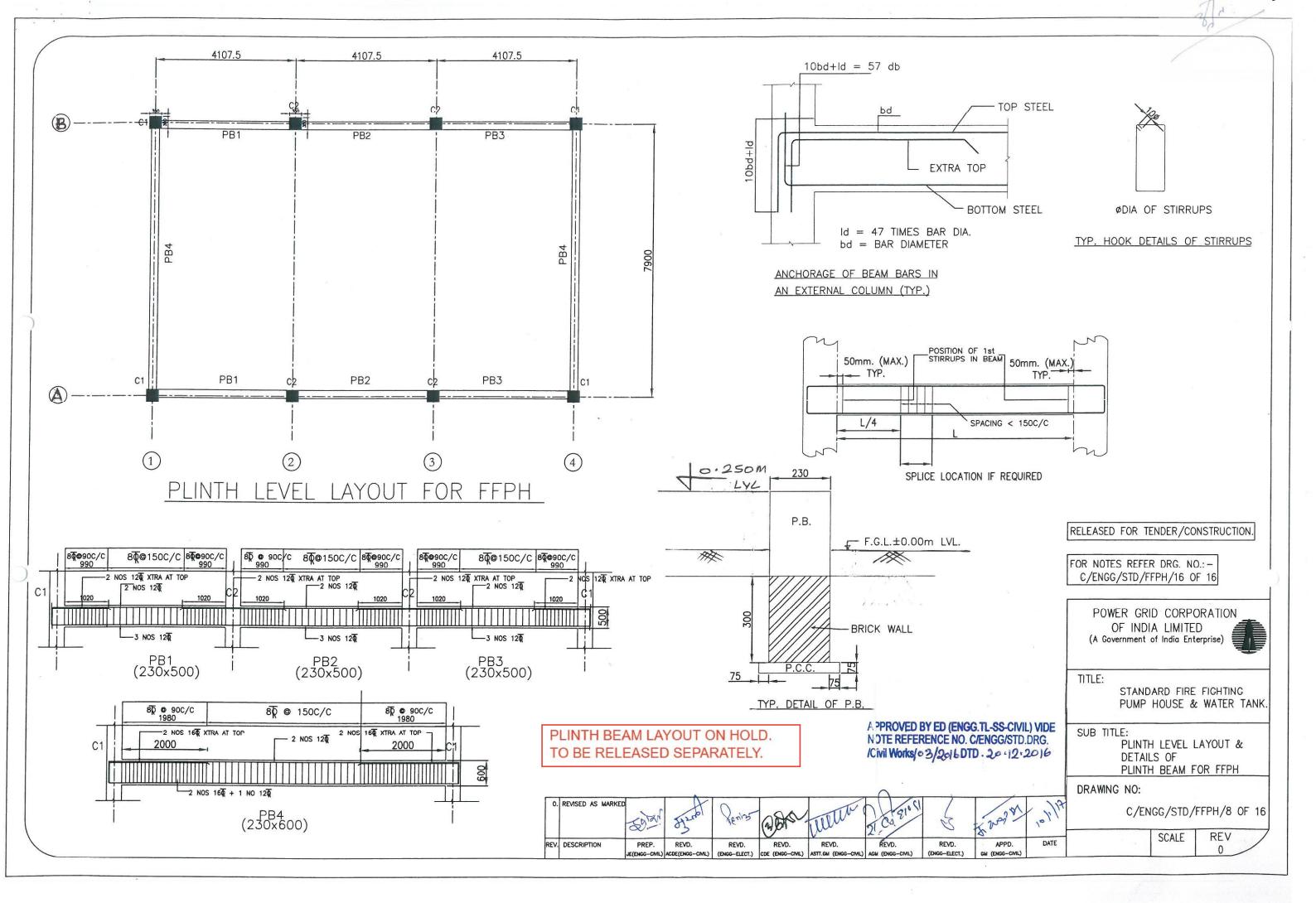


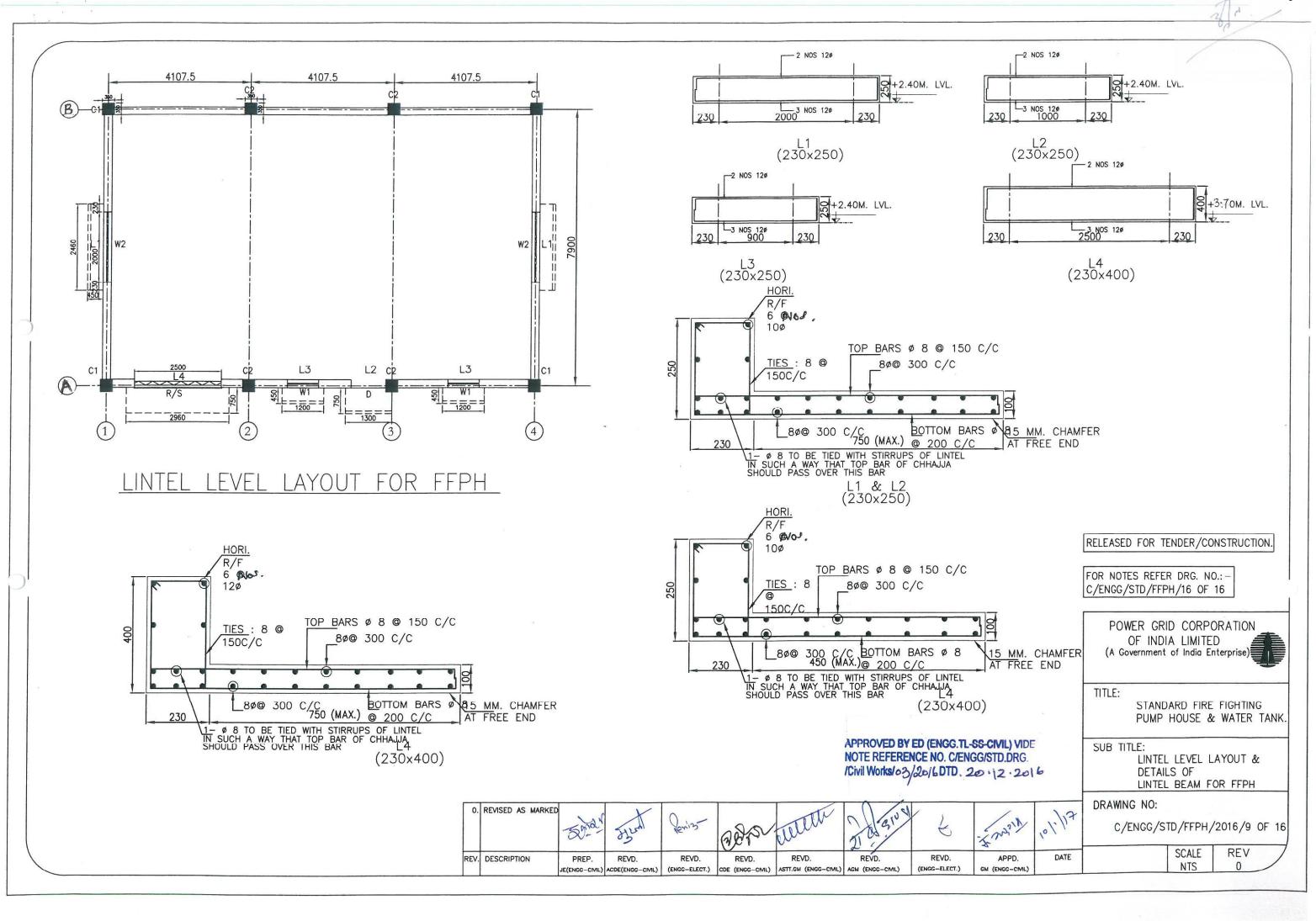


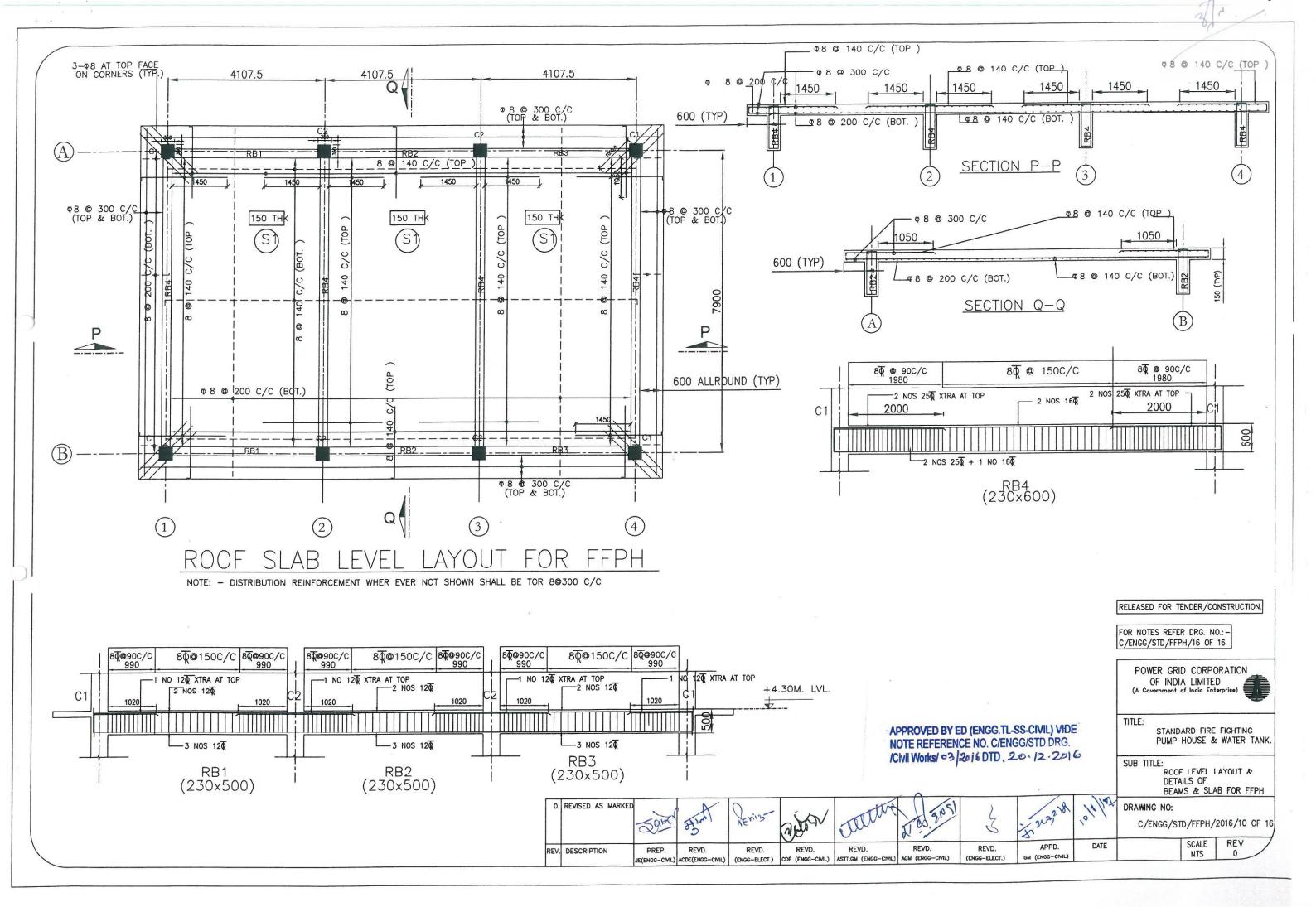


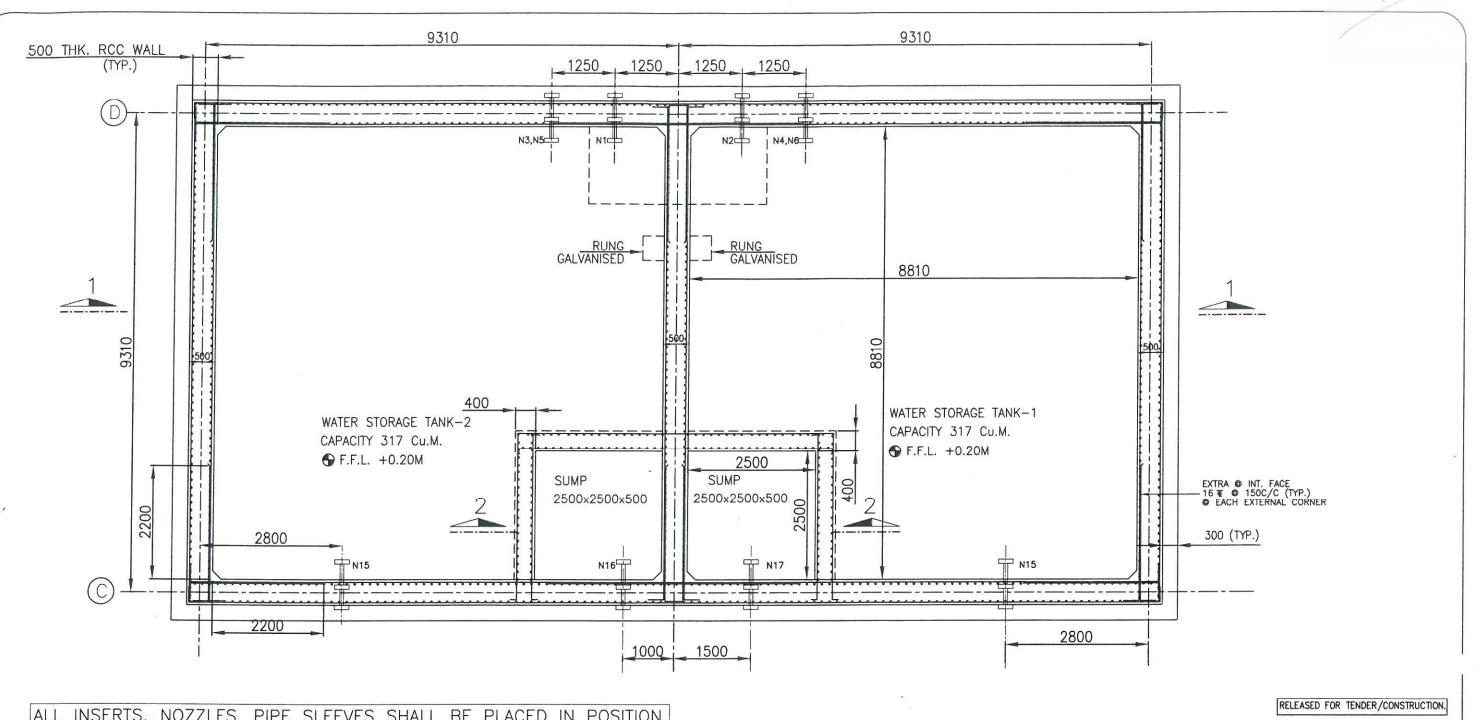












REVD.

REVD.

O. REVISED AS MARKED

REV. DESCRIPTION

ALL INSERTS, NOZZLES, PIPE SLEEVES SHALL BE PLACED IN POSITION AS PER F.F. REQUIREMENT BEFORE CONCRETING.

SR.NO.	NOZZEL NO.	SIZE	DISCRIPTION	BOTTOM OF PIPE ELEVATION LEVEL
1	N1, N2	100 NB	WATER INLET	EL. +4.30
2	N3, N4	50 NB	DRAIN	EL. +0.25
3	N5, N6	80 NB	OVER FLOW	EL. +4.30
4	N7, N8	80 NB	LVL. SWITCH	TOP
5	N9, N10	25 NB	LVL. INDICATOR	TOP
6	N11, N12	25 NB	LVL. INDICATOR	TOP
7	N13, N14	25 NB	LVL. INDICATOR	TOP
8	N15	100 NB	RECIRCULATION	EL. +4.45
9	N16	300 NB	PUMP SUCTION	EL. +0.919
10	N17	300 NB	PUMP SUCTION	EL. +0.919

APPROVED BY ED (ENGG.TL-SS-CIVIL) VIDE NOTE REFERENCE NO. C/ENGG/STD.DRG. /Civil Works/ 03/24 6DTD, 20 12 2016

REVD. REVD. REVD. APPD. DATE

ASTI-GM (ENGG-CML) AGM (ENGG-CML) (ENGG-ELECT.) GM (ENGG-CML)

FOR NOTES REFER DRG. NO.: -C/ENGG/STD/FFPH/16 OF 16

POWER GRID CORPORATION
OF INDIA LIMITED
(A Government of India Enterprise)

THILE:

STANDARD FIRE FIGHTING PUMP HOUSE & WATER TANK

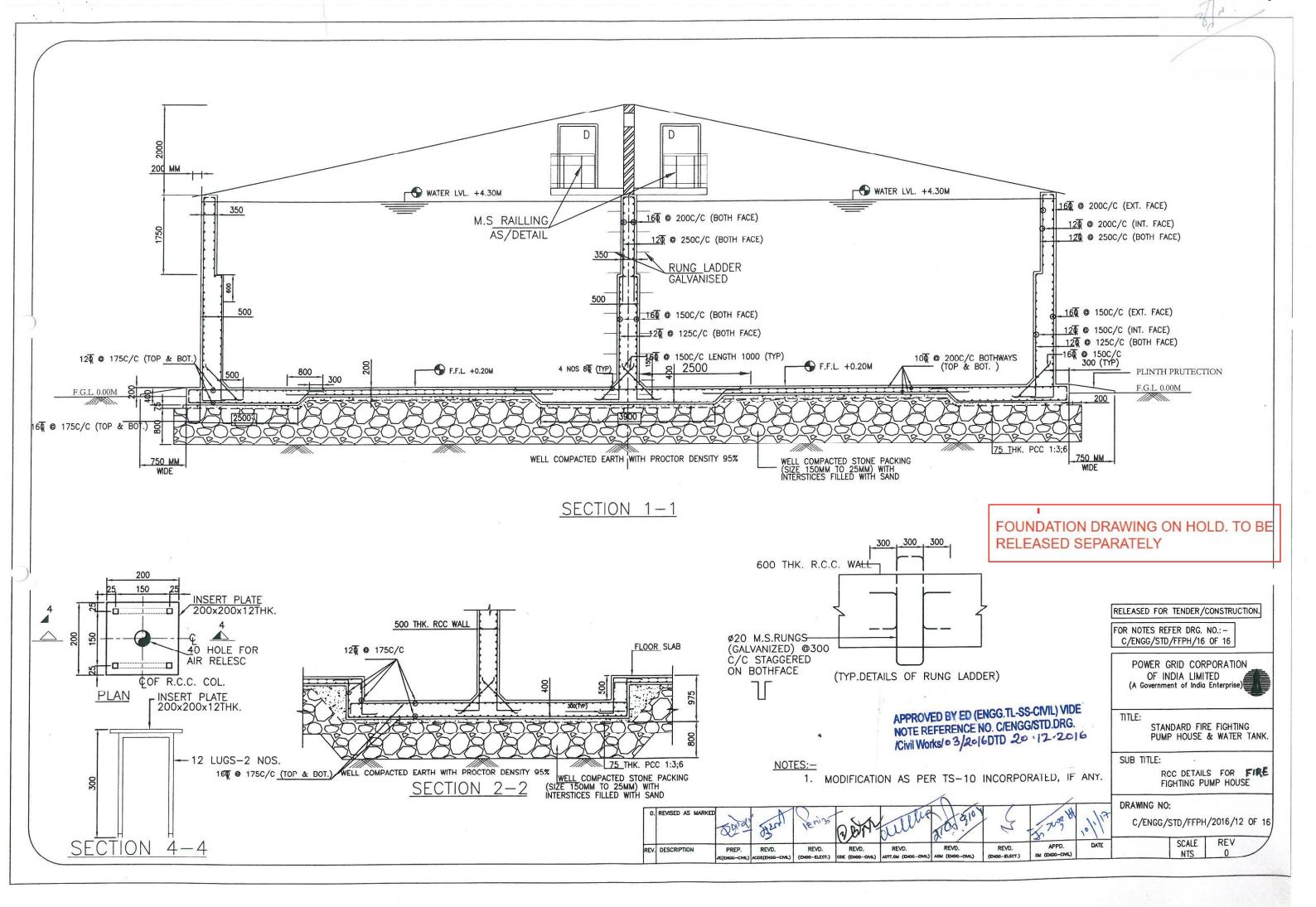
SUB TITLE

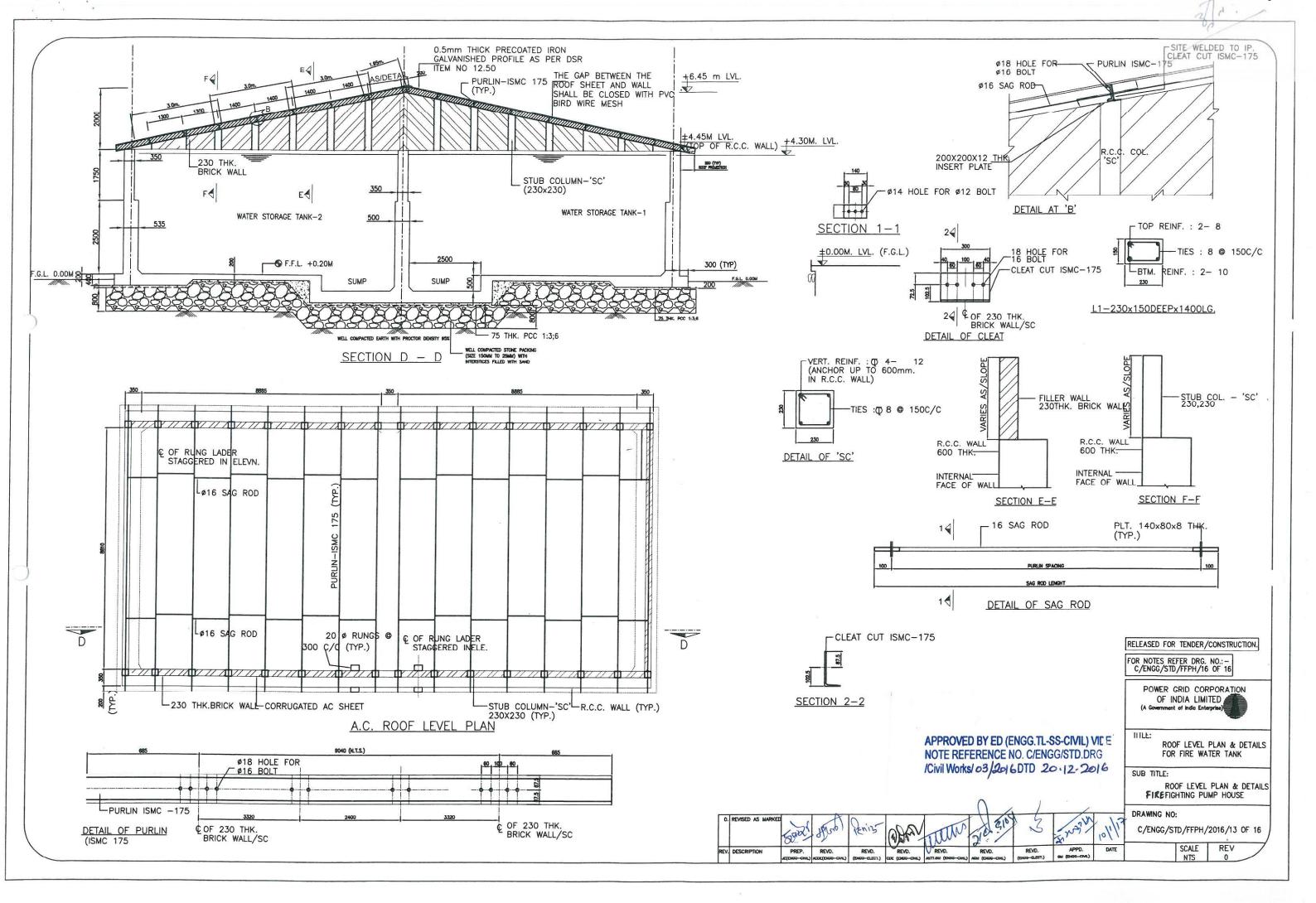
RCC DETAILS OF GROUND
WATER STORAGE TANK FOR
F. F. PUMP HOUSE

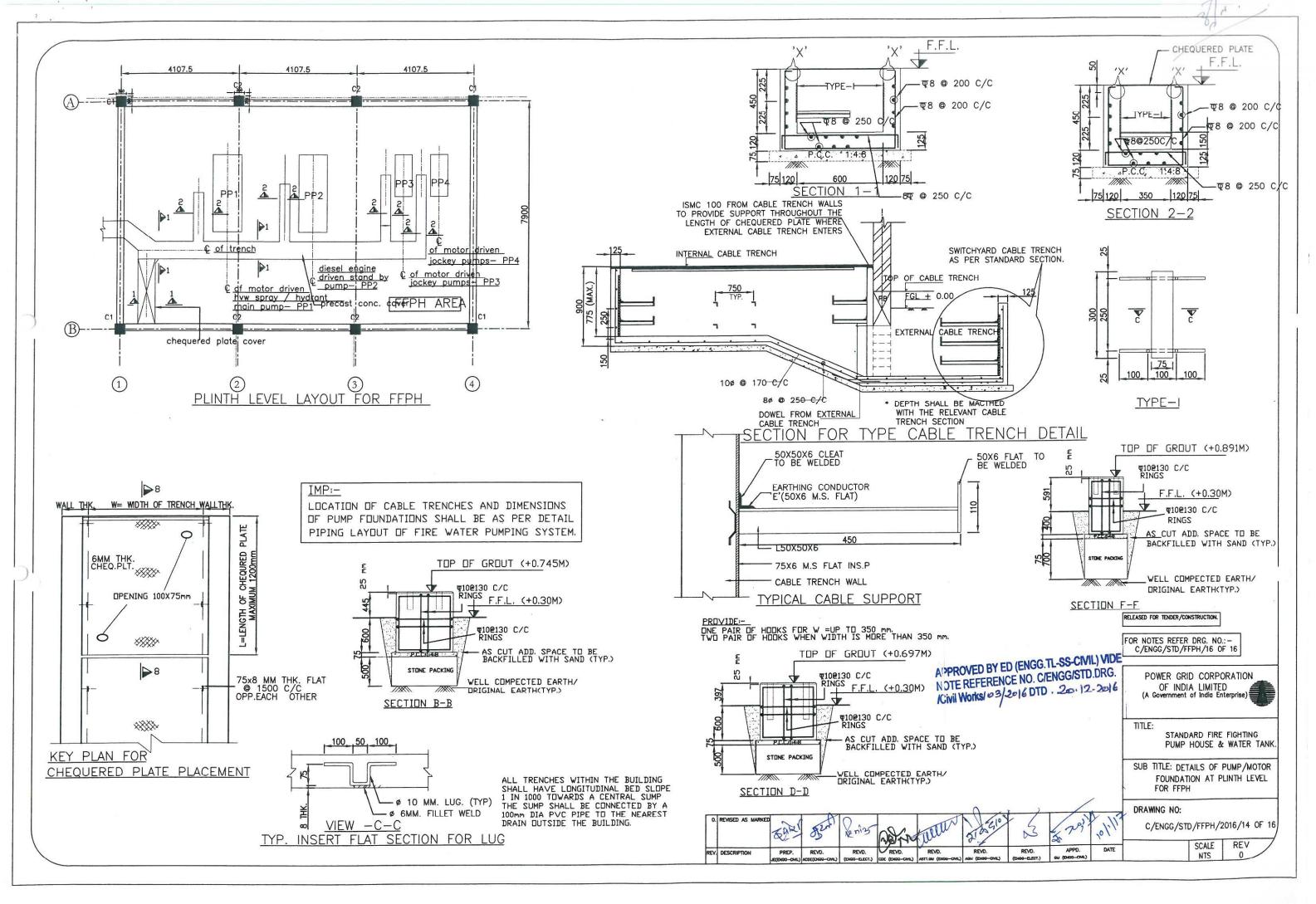
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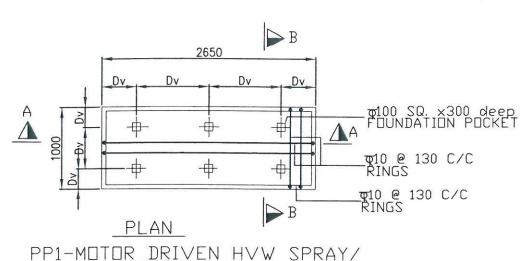
C/ENGG/STD/FFPH/2016/11 OF 16

SCALE REV NTS 0

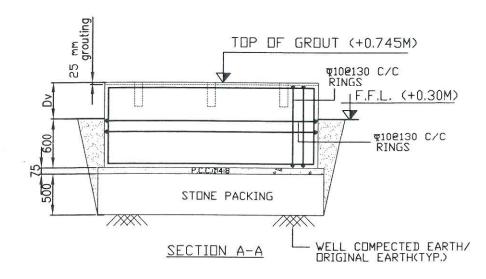


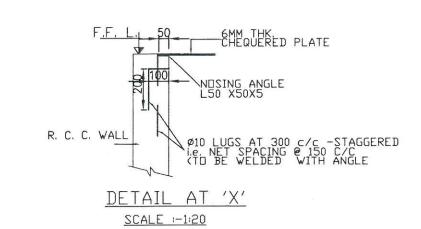


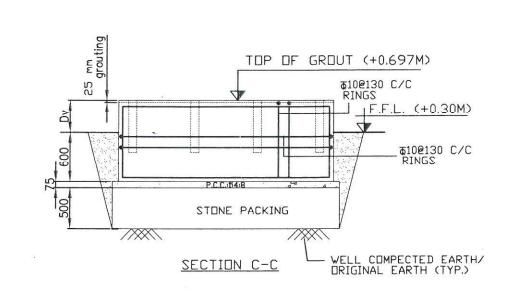




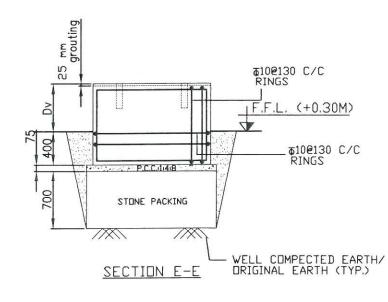
HYDRANTMAIN PUMP

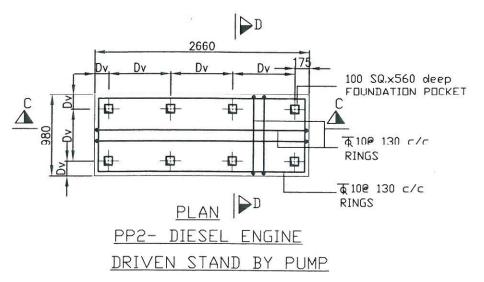


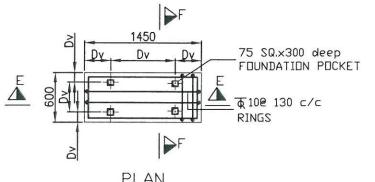




REV. DESCRIPTION







PLAN
PP3 & PP4 MOTOR
DRIVEN JOCKEY PUMPS

IMP:(Dv) - DIMENSION OF PUMP HOUSE
FOUNDATION/POCKETS SHALL BE AS PER
DETAILED PIPING LAYOUT OF FFPH.
Dv= DIMENSION VARIABLE

APPROVED BY ED (ENGG.TL-SS-CIVIL) VIDE NOTE REFERENCE NO. C/ENGG/STD.DRG. /Civil Works/03/20/6DTD 20.12.2016

REVD. REVD. REVD. REVD. REVD. APPD. DATE

RELEASED FOR TENDER/CONSTRUCTION.

FOR NOTES REFER DRG. NO.: -C/ENGG/STD/FFPH/16 OF 16

POWER GRID CORPORATION
OF INDIA LIMITED
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TITLE:

STANDARD FIRE FIGHTING PUMP HOUSE & WATER TANK.

SUB TITLE: DETAILS OF PUMP/MOTOR FOUNDATION AT PLINTH LEVEL FOR FIRE FIGHTING PUMP HOUSE & WATER TANK

DRAWING NO:

C/ENGG/STD/FFPH/2016/15 OF 16

SCALE REV NTS 0

NOTES:-GENRAL

- ALL DIMENSIONS ARE IN MM AND LEVEL IN METERS
- 3
- DO NOT SCALE THE DRG. FOLLOW WRITTEN DIMENSIONS ONLY THE GRADE OF CONCRETE FOR ALL RCC WORK SHALL BE AS PER BPS. 3
- ALL LEAN CONCRETE SHALL BE 1:4.8 (1 CEMENT ,4 COARSE SAND 8 GRADED STONE AGGREGATE 40 MM NOMINAL SIZE) REINFORCEMENT USED SHALL BE TMT BARS OF GRADE Fe 500 CONFORMING TO IS 1786 4
- CLEAR COVER TO REINFORCEMENT SHALL BE AS UNDER
- * BOTTOM AND SIDES OF FOUNDATIONS 50 MM
- * FOR COLUMNS 40 MM
- * FOR BEAMS 25 MM
- FOR LINTELS, CHAJJAS & SLABS 20 MM
- PROVIDE CLEAR COVER TO REINFORCEMENT FOR WATER TANK AS GIVEN BELOW. 25 mm FOR FACE IN CONTACT WITH WATER 50 mm FOR FACE IN CONTACT WITH SOIL /
 - ALL LAPS SHALL BE STAGGERED AND LAP LENGTH SHALL BE 50 TIMES THE BAR DIA ω
- CONSTRUCTION JOINT SHOWN MAY BE SHIFTED IN CONSULTATION WITH SITE INCHARGE
- 10
- TO SUIT CONCRETING PROGRAMME/FORM WORK.
 WATER NOT TO BE FILLED IN TANK UNTILL TOP LIFT HAS BEEN CAST & CURED INTEGRAL WATER PROOFING COMPOUND SHALL BE ADDED WHILE CONCRETING AS PER MANUFACTURER'S RECOMENDATIONS
- ALL INSERTS, NOZZLES, PIPE SLEEVES ETC. SHOWN IN DRG. ARE INDICATIVE ONLY. THESE SHALL BE PLACED IN POSITION BEFORE CONCRETING ASPER FIREFIGHTING REQUIREMENTS. DIMENSIONS OF EQUIPMENT FOUNDATIONS ARE INDICATIVE AND SHALL BE AS PER REQUIREMENTS OF MANUFACTURE PURLINS SHALL BE MANUFACTURED AFTER EXACT MEASUREMENT AT SITE. COLOUR SCHEME MATCHING WITH CR BUILDNG SHALL BE DECIDED AT SITE 12
 - 13

- 5
- EXTERNAL WALLS SHALL BE FULL BRICK.
 WATER PROOFING SHALL BE DONE AS PER SPECIFICATION

- 18 ALL EXTERNAL SURFACES SHALL HAVE 18 MM THK CEMENT PLASTER AS PER SPECIFICATION
 19 ALL INTERNAL SURFACES SHALL HAVE 12 MM THK CEMENT PLASTER ON SMOOTH SURFACE OF BRICKWALL
 8 15mm THK. CEMENT PLASTER ON ROUGH SIDE OF BRICKWALL AS PER SPECIFICATION
 20 CEILINGS SHALL HAVE 6MM THK CEMENT PLASTER AS PER SPECIFICATION.
 21 OUTSIDE AND INSIDE SURFACES OF FIRE WATER TANK SHALL BE UNPLASTERED AND PROVIDED WITH A NEAT COAT OF WATER PROOFING (TWO OR MORE COAT) CEMENT PAINT.
 22 FOUNDATION HAS BEEN DESIGNED FOR A BEARING CAPACITY OF 9.0 MT/SQM
 23 P.V.C. WATER STOPPER SHALL BE PROVIDED AT ALL CONSTRUCTION JOINT OF WATER STORAGE TANKS
- 24 IF EXPANSIVE SOIL IS MET AT FOUNDING LEVEL, NECESSARY TREATMENT OF SOIL SHALL BE DONE AS PER RECOMMENDATIONS OF SOIL REPORT BEFORE PLACING THE FOUNDATION.

 25 ALL STRUCTRURAL STEEL MEMBERS FOR ROOFING WORK SHALL BE PAINTED WITH SYNTHETIC ENAMEL PAINT OF APPROVED SHADE TWO OR MORE COST TO GIVE EVEN SHADE OVER STEEL PRIMER.

FINISHING SCHEDULE (INTERNAL/EXTERNAL WALL) FOR FFPH BUILDING SHALL BE SAME AS CONTROL ROOM BUILDING

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RELEASED FOR TENDER/CONSTRUCTION.

POWER GRID CORPORATION OF INDIA LIMITED (A Government of India Enterprise) ■

STANDARD FIRE FIGHTING PUMP HOUSE & WATER TANK. TITLE:

GENERAL NOTES FOR FIRE FIGHTING PUMP HOUSE & WATER TANK SUB TITLE:

C/ENGG/STD/FFPH/2016/16 OF DRAWING NO: f1/1/01 HICKAY. Market M.

FPH-BLG-SUP-STR-DRG/00/REL-CON/Page: 16 of 10

DATE The Bally James James 1 crival 梅