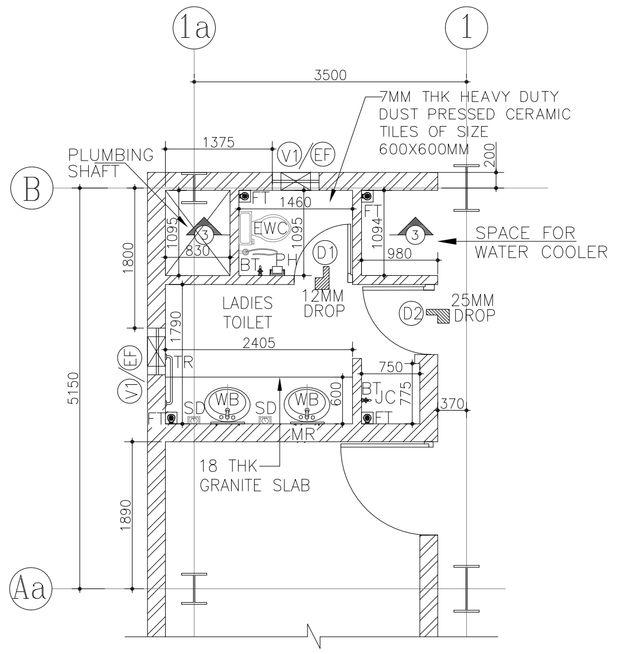
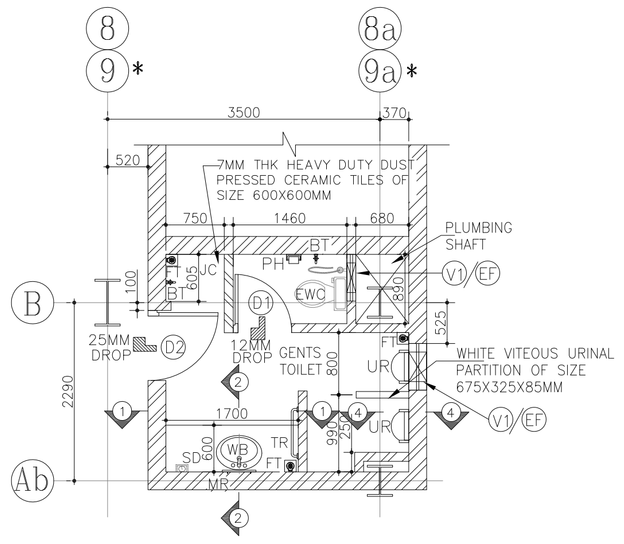


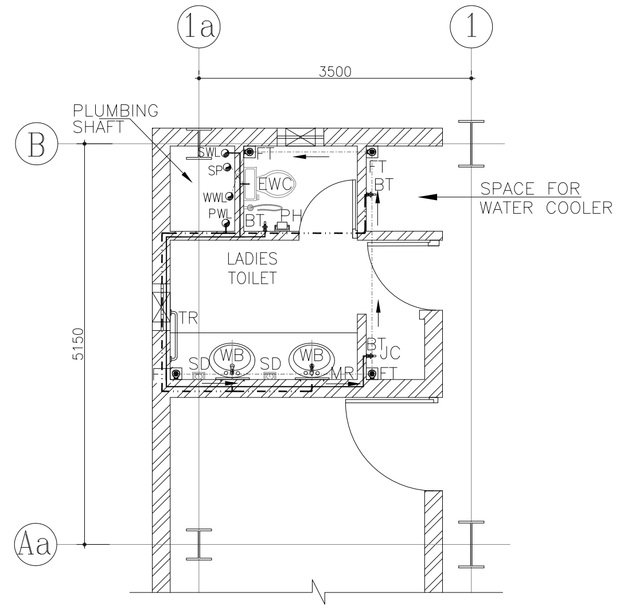
TOILET–1 LAYOUT
PLAN AT EL(+)3.50(FFL)

(AS DRAWN FOR UNIT–1 & SIMILAR FOR UNIT–2 & UNIT–3)



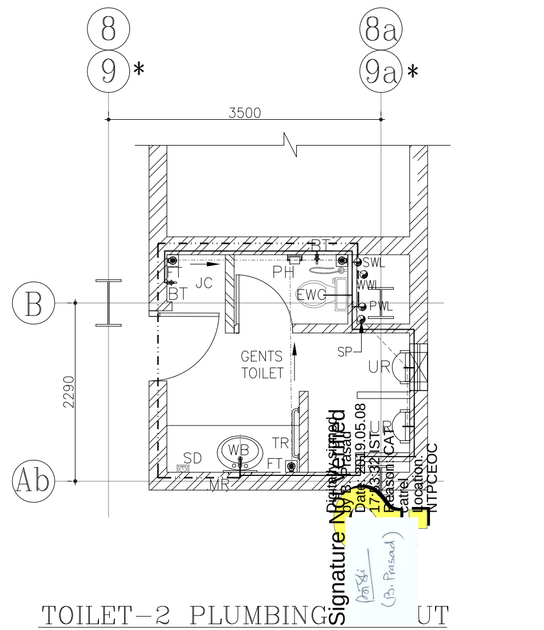
TOILET–2 LAYOUT
PLAN AT EL(+)0.00/3.50/12.00(FFL)

(AS DRAWN FOR UNIT–1 & SIMILAR FOR UNIT–2 & UNIT–3)
(*FOR UNIT–2)



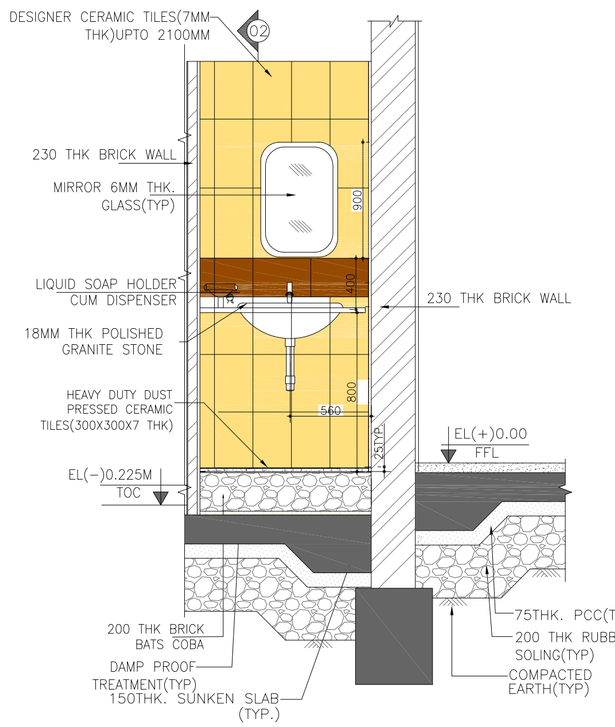
TOILET–1 PLUMBING LAYOUT
PLAN AT EL(+)3.50(FFL)

(AS DRAWN FOR UNIT–1 & SIMILAR FOR UNIT–2 & UNIT–3)
(*FOR UNIT–2)
(REFER NOTE–5)

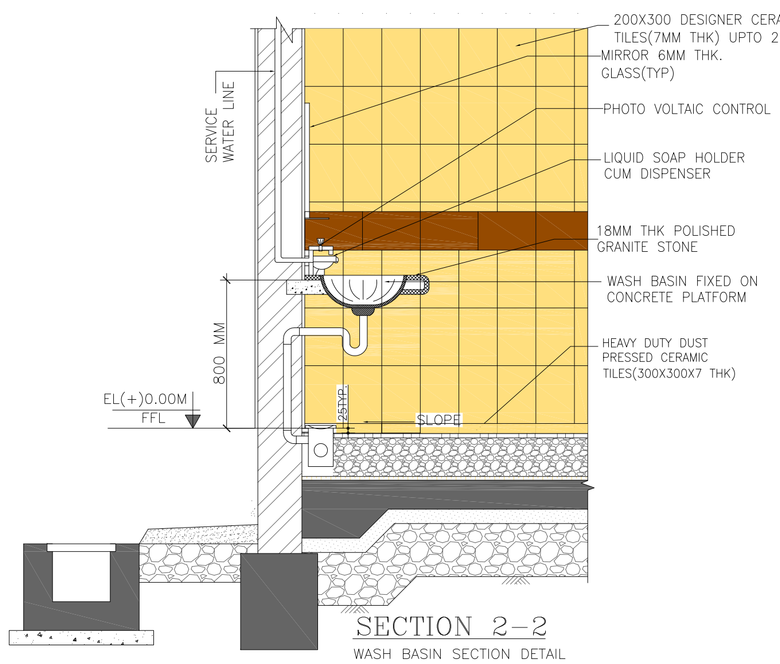


TOILET–2 PLUMBING LAYOUT
PLAN AT EL(+)3.50/12.00(FFL)

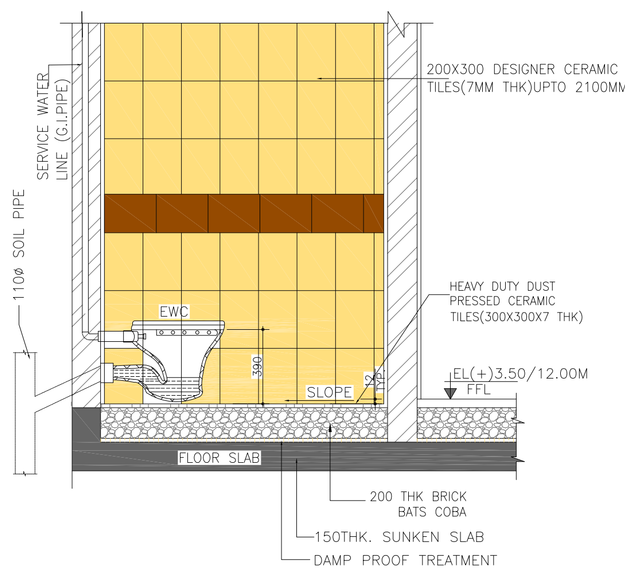
(AS DRAWN FOR UNIT–1 & SIMILAR FOR UNIT–2 & UNIT–3)
(*FOR UNIT–2)
(REFER NOTE–5)



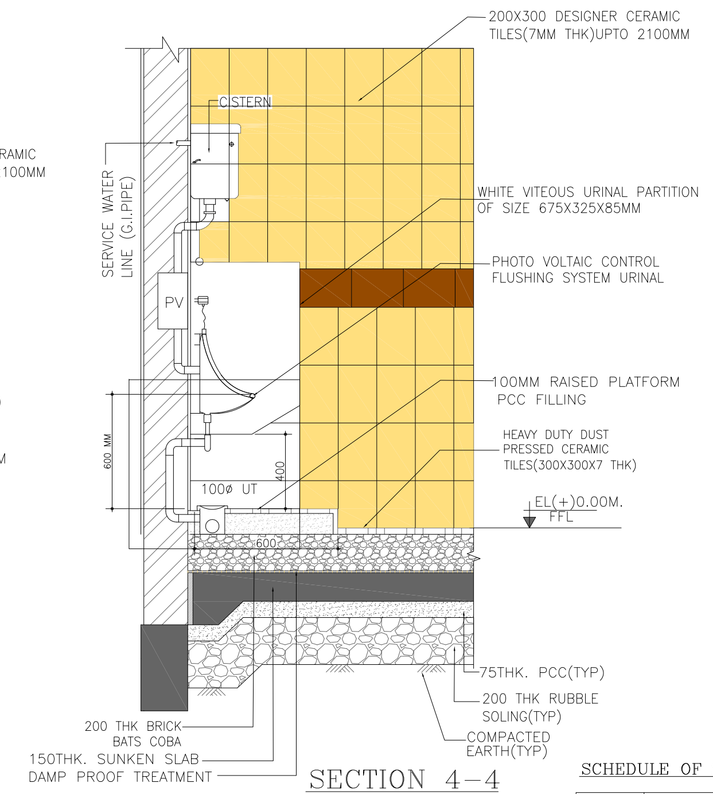
SECTION 1–1
WASH BASIN ELEVATION DETAIL



SECTION 2–2
WASH BASIN SECTION DETAIL



SECTION 3–3
TYPICAL EWC SECTION



SECTION 4–4
URINAL SECTION

TOILET–1
FLOORING PATERN

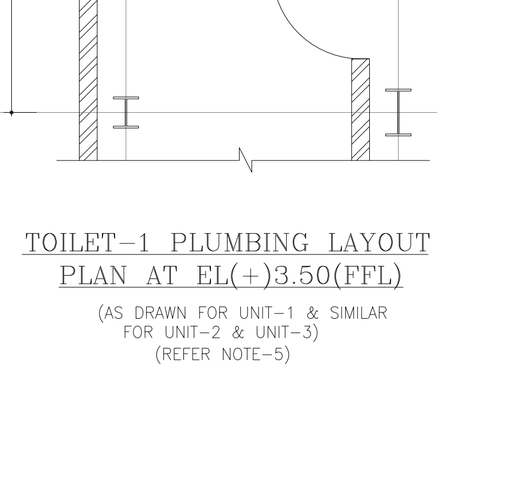
(AS DRAWN FOR UNIT–1 & SIMILAR FOR UNIT–2 & UNIT–3)

TOILET–2
FLOORING PATERN

(AS DRAWN FOR UNIT–1 & SIMILAR FOR UNIT–2 & UNIT–3)
(*FOR UNIT–2)

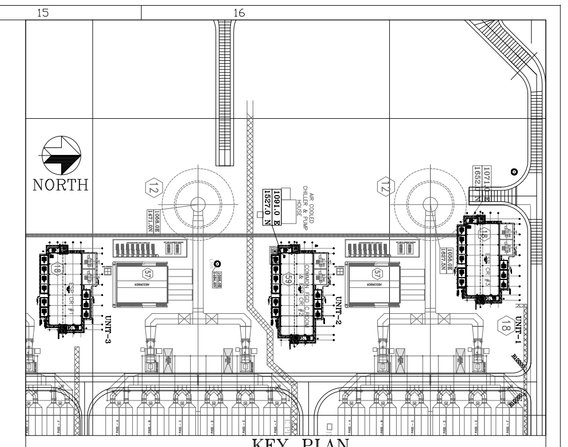
TOILET–1 PLUMBING LAYOUT
PLAN AT EL(±)0.00(FFL)

(AS DRAWN FOR UNIT–1 & SIMILAR FOR UNIT–2 & UNIT–3)



TOILET–2 PLUMBING LAYOUT
PLAN AT EL(±)0.00(FFL)

(AS DRAWN FOR UNIT–1 & SIMILAR FOR UNIT–2 & UNIT–3)
(REFER NOTE–5)



NOTES:–

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH CONTRACT TERMS AND CONDITIONS, TECHNICAL SPECIFICATIONS AND SCHEDULE OF ITEMS.
2. ALL DIMENSIONS ARE IN MM & ELEVATIONS IN METERS UNLESS STATED OTHERWISE.
3. ALL ELEVATIONS ARE REFERRED TO THE FINISHED FLOOR LEVEL OF POWER HOUSE BUILDING AS EL. 0.00 M WHICH CORRESPONDS TO RL(+) 375.50 M.
4. FOR OTHER NOTES AND STD. DETAILS REF. DRG. PE-DG-434-600-C001 (NTPC DRG NO. 9585-001-315-PGC-C-0451B)
5. ROUTING OF SWL & PWL SHOWN ARE INDICATIVE.ACTUAL ROUTING MAY BE DECIDED SUIT TO SITE CONDITIONS.

ENGINEERING REFERENCE DRAWINGS :–

PE-DG-L07-100-M001 – PLOT PLAN

9585-999-POC-F-001 NTPC DRG. – GENERAL LAYOUT PLAN

ARCHITECTURAL DRAWINGS :–

9585-001-315-PVC-C-1137-ESP CONTROL BUILDING –ARCHITECTURAL PLANS SH-1

9585-001-315-PVC-C-1138-ESP CONTROL BUILDING –ARCHITECTURAL PLANS SH-2

LEGENDS.:–

230THK./115THK. BRICK WALL

℄ – CENTER LINE
EL – ELEVATION
FFL – FINISHED FLOOR LEVEL
TYP – TYPICAL
PWL(POTABLE WATER LINE)
SWL(SERVICE WATER LINE)
WWL(WASTE WATER LINE)
SP(SOIL PIPE)
EL(+)X.XXX – LEVEL TAG
– TILE DROP
MATT FINISHED VITRIFIED TILE FLOORING(SIZE 600mm X600mm)(CREAM)
DESIGNER CERAMIC TILES ON WALL (SIZE 200mmX300mm)(BROWN)
DESIGNER CERAMIC TILES ON WALL (SIZE 200mmX300mm)(CREAM)

PH – PAPER ROLL HOLDER
TR – TOWEL RAIL(600X20MM)
HD – HAND DRIER
FT – FLOOR TRAP
GT – GULLY TRAP
IC – INSPECTION CHAMBER
MH – MANHOLE
BT – BIB TAP AT 500 MM HT FROM FFL
UR – URINALS
WB – WASH BASIN
SD – SOAP DISPENSER
EWC – EUROPEAN WATER CLOSET
MR – MIRROR
GI – GALVANIZED IRON PIPE
PV – PHOTO VOLTAIC

PIPE DIA & MATERIAL

1. 75ø UPVC WASTE WATER PIPE CONFIRMING TO IS13592
2. 110ø UPVC SOIL PIPE CONFIRMING TO IS13592
3. SERVICE WATER LINE(GALVANIZED M.S PIPE)
4. POTABLE WATER LINE(GALVANIZED M.S PIPE)

GULLY TRAP –450X450
INSPECTION CHAMBER–750X600

SPECIAL NOTE

DRAWINGS / DOCUMENTS ARE BEING SUBMITTED FOR INFORMATION. BHEL HEREBY CONFIRMS FULL COMPLIANCE TO ALL THE SPECIFIED REQUIREMENTS OF THE CONTRACT SPECIFICATION, WITHOUT ANY DEVIATION, WHATSOEVER. IN CASE DURING THE TENURE OF THE CONTRACT, IT IS OBSERVED/FOUND THAT THE DATA/ INFORMATION IN THE RELEASED DRAWING/DOCUMENT IS NOT MEETING THE CONTRACT SPECIFICATION, BHEL/ITS VENDOR(S) WILL MODIFY/ RECTIFY/REPLACE THE SAME TO MEET THE SPECIFICATION WITHOUT ANY COMMERCIAL IMPLICATION OR ANY TIME EXTENSION TO PVUNL/NTPC IN THIS REGARD.

SCHEDULE OF SANITARY FIXTURES:–

ITEM	DESCRIPTION
MR	600X900X6 MM THICK MIRROR.
TR	STAINLESS STEEL TOWEL RAIL (600X20)MM.
SD	STAINLESS STEEL/C.P. LIQUID SOAP DISPENSER.
PH	GLAZED VITREOUS PAPER HOLDER.
WB (COUNTER)	WASH BASIN COLOURED (OVAL SHAPED) WITH ALL FITTINGS AS ;PER IS:2556 PART(4) TO BE FIXED ON CONCRETE PLATFORM FINISHED WITH 18MM THICK GRANITE BEVELED EDGE COUNTER
UR	WHITE / COLOURED WATER EFFICIENT FLAT BACK GLAZED VITRIOUS CHINA URINALS OF SIZE 440X265X355MM WITH PHOTO VOLTAIC CONTROL FLUSHING SYSTEM AS PER IS 2556.
EWC	COLOUR GLAZED VITREOUS CHINA EUROPEAN TYPE WATER CLOSET CONFORMING TO IS 2556 WALL HUNG.

BHEL-PROJECT ENGINEERING MANAGEMENT(CIVIL)
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☐ PLANNING ☐ INFORMATION
☐ CONSTRUCTION
STAMP ALL PREVIOUS REVISION AS SUPERSEDED
ISSUED BY
NAME: ABHAY KUMAR
SIGNATURE: For
DATE: 18/06/2019

BHEL-PROJECT ENGINEERING MANAGEMENT(CIVIL)
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NAME: ABHAY KUMAR
SIGNATURE: –Sd–
DATE: 08/05/2019

NTPC NO. 9585–001–315–PVC–C–1141

CUSTOMER: NTPC LIMITED

3x800MW PATRATU SUPER THERMAL POWER PROJECT

JOB NO. 434
STATUS
DISTRIBUTION

BHARAT HEAVY ELECTRICALS LTD
POWER SECTOR
PROJECT ENGINEERING MANAGEMENT
NOIDA

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REV.	DATE	ALTD	CHD	APPD
01	08.05.19	SD	MK	AKS

REVISED AS PER NTPC COMMENTS VIDE TRASMITAL NO.315:3332 DTD 08.05.19.

DEPT	NAME	SIGN	DATE
CORE	MK	–Sd–	07.05.2019
DRN	MK	–Sd–	07.05.2019
DESN	MK	–Sd–	07.05.2019
C	CHD	AK	–Sd–	07.05.2019
APPD	AKS	–Sd–	07.05.2019

TITLE: ESP CONTROL ROOM
TOILET DETAILS(UNIT–1,2 & 3)

DEPT. | SCALE 1:100 | SIGN
DRAWING NO. PE–DG–434–619–C005
SHEET 1 OF 1 | REV. 01

SIZE–A1

COMPUTER FILE NAME: