



PLAN AT EL (+)17.00M
ALL SLOPES ARE TOWARDS FLOOR DRAIN

1. this drawing is reviewed in the line of architectural point of view.
2. The architect should be responsible to revise the drawing for any change in GA drawing for any reason whatsoever.

SCHEDULE OF FINISHES -

①	40 mm CEMENT CONCRETE FLOTTING WITH 12 mm THK METALLIC REINFORCING TOPPING
②	12 MM THK GRANITE STONE SLAB FOR CLADDING
③	100% STONE SLAB FLOORING
④	600X600X10 MM THK NON-SKID FULLY VITRIFIED TILES
⑤	10 MM THK HEAVY DUTY DUST PRESSED CERAMIC TILES
⑥	400X400X10 NON-SKID VITRIFIED TILES
⑦	SELF-LEVELLING EPOXY OVER IPS FLOORING
⑧	20 MM THK ACID/ALKALI RESISTANT TILES JOINED WITH EPOXY MORTAR
⑨	25 MM THK ARANGA WHITE MARBLE FLOORING
⑩	150 MM HIGH HEAVY DUTY CEMENT CONCRETE
⑪	150 MM HIGH FULLY VITRIFIED TILE
⑫	150 MM HIGH GRANITE STONE SKIRTING
⑬	150 MM HIGH MARBLE STONE SKIRTING
⑭	150 MM HIGH ACID/ALKALI RESISTANT (CHEMICAL RESISTANT)
⑮	150 MM HIGH OIL RESISTANT EPOXY RESIN
⑯	150 MM HIGH EPOXY SKIRTING

PAINTING(WALL, DADO & CEILING)

①	ACRYLIC DISTEMPER PAINT OVER 2MM THK PLASTER OF PARIS PUNNING
②	7MM THK CERAMIC TILES UP TO 2200MM HEIGHT ABOVE THAT ACRYLIC EMULSION PAINT OVER 2MM THK PLASTER OF PARIS PUNNING
③	12 MM GRANITE SLAB CLADDING
④	ACRYLIC EMULSION PAINT OVER 2MM THK PLASTER OF PARIS PUNNING
⑤	CHEMICAL RESISTANT PAINT
⑥	EPOXY PAINT
⑦	ACRYLIC DISTEMPER PAINT
⑧	METAL DECK ROOFING
⑨	ACRYLIC EMULSION PAINT OVER POP PUNNING
⑩	ACID/ALKALI TILE 2100 HIGH
⑪	EPOXY PAINT
⑫	WHITE WASH
⑬	ACOUSTIC MINERAL FIBER BOARD FALSE CEILING
⑭	ALUMINIUM FALSE CEILING LINEAL PANELS TYPE.

INTERNAL FINISHING SCHEDULE

BAY	GRD	ROOM	FLOOR/SKIRTING	WALLS/DADO	CEILING
B-C	12-13 24-25	MAIN STAIRCASE & LIFT LOBBY	① / ②	② / ③	④
A-ROW	2-3 8-9 14-15 20-21	STAIRCASE	① / ②	② / ③	④
A-B	1-25	T.G. HALL	① / ②	② / ③	④
B-C	1-9 13-22	HEATER AREA	① / ②	② / ③	④
B-C	13a-14 24-25	TOILET	①	② / ③	④
ALL	ALL	OTHER AREAS	① / ②	② / ③	④

SCHEDULE OF OPENINGS (FOR OPENING SIZE ADD 10mm ON EITHER SIDE)

DESIGNATION	SIZE	DESCRIPTION
FD1	1200X2100	FIRE PROOF DOOR AS PER SPEC.
DD	1200X2100	SINGLE SHUTTER HOLLOW METAL STEEL FLUSH DOOR
D3	900X2100	12 MM THK BWP PARTIAL BOARD DOOR
D4	750X2100	PVC DOOR
D5	600X2100	PVC DOOR
W2	2875X2550	ANODISED ALUMINIUM FIXED GLAZED WINDOW WITH 6 MM THK WIRED GLASS
W3	2975X1700	ANODISED ALUMINIUM FIXED GLAZED WINDOW WITH 6 MM THK WIRED GLASS
W4	2975X3000	ANODISED ALUMINIUM GLAZED WINDOW PARTLY OPENABLE PARTLY FIXED WITH 6 MM THK WIRED GLASS
W5	2000X3000	ANODISED ALUMINIUM GLAZED WINDOW PARTLY OPENABLE PARTLY FIXED WITH 6 MM THK WIRED GLASS
W6	1200X1200	ANODISED ALUMINIUM FIXED GLAZED WINDOW WITH 6 MM THK WIRED GLASS
V1	900X600	3MM THK TRANSLUCENT GLASS LOUVERS

***SPECIAL NOTE**
SCOPE OF SUPPLY OF MATERIAL BY BHEL & ERECTION, CONSTRUCTION AND FIXING IS IN SCOPE OF BHEL.
1. RAIN WATER PIPE
2. FALSE CEILING
3. SANITARY AND TOILET FIXTURES - REFINE LANG AS PER SPEC

ALL ERECTION, CONSTRUCTION INCLUDING SUPPLY OF MATERIAL IS IN SCOPE OF BHEL/OPCC ONLY SUPPLY OF MATERIAL AS SHOWN IN SPECIAL NOTE IS IN SCOPE OF BHEL.

NOTES:-

- ALL DIMENSIONS ARE IN MM & ELEVATIONS IN METERS UNLESS STATED
- ALL ELEVATION LEVELS ARE REFERRED TO THE FINISHED GROUND FLOOR LEVEL OF POWER HOUSE AS (+)0.000 WHICH CORRESPONDS TO RL +200.0M
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH TECHNICAL SPECIFICATION FOR CIVIL & STRUCTURAL AND ALL REFERENCE DRAWINGS.
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH CONTRACT TERMS AND CONDITIONS, SPECIFICATION AND SCHEDULE OF ITEMS.
- BRICK WALL UNDER BOP CONTRACTOR SCOPE ETC.
- WHEREVER BRICK WALL HEIGHT EXCEEDS 3.5 M, BRICK WORK SHALL BE PROVIDED WITH AN RCC BAND AS PER PE-DG-391-611-C001-MISC ARCHITECTURAL DETAILS.

REF. DWG

- T.G. EQUIPMENT LAYOUT PLAN AT EL. 17.00M -----PE-DG-391-100-0005
- CLADDING FRAMING DETAIL FOR C-ROW -----PE-DG-391-612-C003
- FOR A-ROW ELEVATION -----PE-DG-391-611-C002
- FOR A-ROW ELEVATION -----PE-DG-391-611-C003
- MISC. ARCH DETAILS AND DETAILS OF DOORS AND WINDOWS -----PE-DG-391-612-C013
- AB-BAY DETAIL OF MISCELLANEOUS PLATFORMS & STAIRCASES -----PE-DG-391-612-C013
- PH BLDG - ELEVATION OF CABLE END GRID-1 -----PE-DG-391-611-C004
- PH BLDG - ELEVATION OF CABLE END GRID-25 -----PE-DG-391-611-C005
- PH BLDG (A-B-C BAY-UNIT3&4) FRAMING PLAN @ EL. 17.00M -----PE-DG-391-612-C026
- PH BLDG (DUT) SUPPORTING STRUCTURE ALONG A-ROW -----PE-DG-391-612-C039

LEGEND

HR	HAND RAIL
①	CHEQUERED PLATE FLOORING
②	REMOVABLE CHEQUERED PLATE
③	GRATING
④	REMOVABLE GRATING
⑤	BRICK WORK

OPCC DOCUMENT NO. BTG-UMA-DWG-S-0008 REV. 2

PROJECT: IB THERMAL POWER STATION, BANHARPALI 2x660MW UNITS 3&4

CUSTOMER: ORISSA POWER GENERATION CORPORATION LIMITED

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

BHARAT HEAVY ELECTRICALS LTD POWER SECTOR PROJECT ENGINEERING MANAGEMENT NOIDA

JOB NO. 391 STATUS CONTRACT DISTRIBUTION

TITLE: POWER HOUSE BUILDING ARCHITECTURAL PLAN AT EL+17.00M