

INSERT PLATS DETAILS			
SL. NO.	BY SYSTEM	IP DIMENSIONS (LxBxH)	LOAD / METER
1	PROS AIR	100x100x8	3.0m
2	PROS WATER	100x100x8	25 kg/m
3	DW	100x100x8	3.0m
4	SW	150x150x8	25kg/m
5	HAND RAIL	100x100x8	3.0m
6	LIGHT IN TUNNEL	100x100x8	32kg/m
7	DUCT FOR VENTILAT	150x150x8	15kg/m
8	FIRE FIGHTING	150x150x10	1.5m
9	DS (Gable water)	150x150x15	10kg/m
10	CABLE TRAY	100x100x8	2.5m
			42kg/m
			15kg/m

3	4-2-17	REVISED AS PER MECON COMMENTS DATED:-28-12-16	J.S	S.J	V.J
2	1-12-16	REVISED AS PER MECON COMMENTS	J.S	S.J	V.J
REV DATE	BRIEF RECORD			DRN	CHK.
APP					

PROJECT :						ROURKELA PP-II EXPANSION PROJECT (1X250 MW.)							
OWNER: 						NTPC-SAIL POWER COMPANY PVT. LTD.							
CONSULTANT: 						MECON LIMITED मेकॉन लिमिटेड							
						BHARAT HEAVY ELECTRICALS LTD. INDUSTRIAL SYSTEMS GROUP, BANGALORE							
TITLE:						TYPICAL CROSS SECTION OF CONVEYOR GALLERY & TUNNELS							
													
SCALE						BHEL JOB NO.		BHEL DSG NO.		IS-1-GA-708-101-M003			
						DRN		NAME		SIGN		DATE	
						JVN							
						DESIGN		PWN					
						CHD		RSP					
						APP.		USD					
												NO. OF SHEETS	
												SHEET	
												NO.	

GENERAL NOTE:

NOTE:-

FOR ANY FURTHER INFORMATION, REFER RESPECTIVE CIVIL/STRUCTURAL/ELECTRICAL/UTILITY DRAWINGS.

3. MINIMUM 3.15 mm THICK DECK PLATE SHALL BE PROVIDED THROUGH OUT THE CONV.
4. MINIMUM 3.0 mm THK. SEA PLATE SHALL BE PROVIDED THROUGH OUT THE CONV.
5. CROSSOVER TO BE PROVIDED AT AN INTERVAL NOT EXCEEDING 100 MTRS.
6. MIN. 8 M CLEARANCE SHALL BE CONSIDERED AT ROAD AND RAIL CROSSING.
7. FOR LOCATION OF CONV. POST ALONG THE CONNECTOR REFER C&A DRAWING.
8. ADEQUATE NO. OF WINDOWS SHALL BE PROVIDED FOR NATURAL VENTILATION AND LIGHTING IN GALLERY.
9. SW - SERVICE WATER. DM - DRINKING WATER
10. GALVALUME COLORED COATED SHEETS SHALL BE PROVIDED ON SIDES.
11. AT ROOF, GALVALUME COLORED COATED SHEETS SHALL BE PROVIDED WITH ONE SHEET OF 2MM THICK FIRE & IV RESISTANT POLYCARBONATE SHEET AT EVERY 6M.
12. OTHER DETAILS RELATED TO SHEETING SHALL BE INDICATED IN CIVIL/STRUCTURAL DRAWINGS.

Δ3. GALLERY STRUCTURE AND TREESTE SHALL BE DESIGNED CONSIDERING BOTH CONV. BOTH SIMULTANEOUSLY.

Δ4. DYNAMIC ANALYSIS OF CONV. GALLERY & SUPPORTING SYSTEM SHALL BE CARRIED OUT FOR SPAN>25M

Δ5. MAXIMUM HORIZONTAL DEFLECTION <= HEIGHT/1000 FOR CONV. GALLERY.

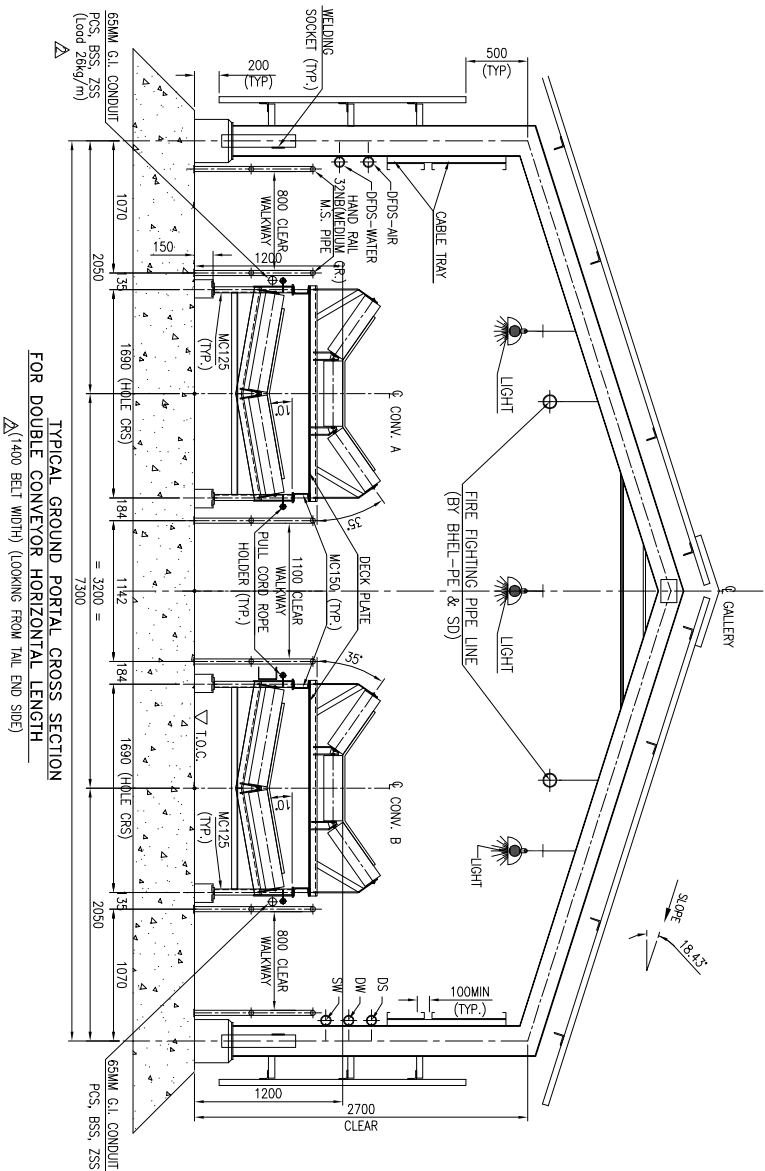
Δ6. FOR CONV. LOOL, 1.0 DEFLECTION FACTOR SHALL BE CONSIDERED AND UNIT WT. OF CONV. = 1100KG/CU.M.

Δ7. IN CASE OF STILE TYPE SUPPORT, PIPE BRG. SHALL BE PROVIDED FOR GALLERY TREESTE.

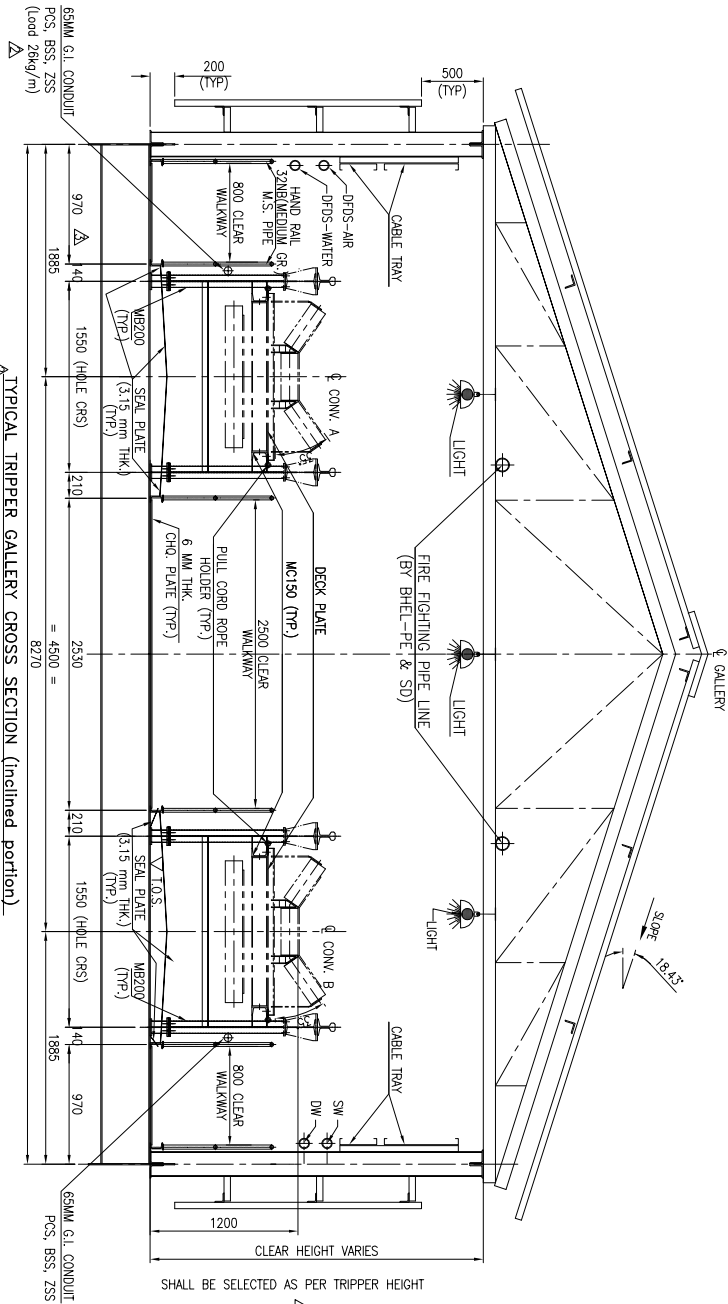
Δ8. SEPARATE CABLE SUPPORT STRUCTURE HANG 1500MM WITH ALONG THE ROUTE OF THE CONNECTOR GALLERY

Δ9. CABLE HT. 8000MM AND A CABLE HT. 8000MM IN CASE OF ROAD CROSSING FOR LAMING CABLE TRAY FOR POWER SUPPLY SHALL BE PROVIDED.

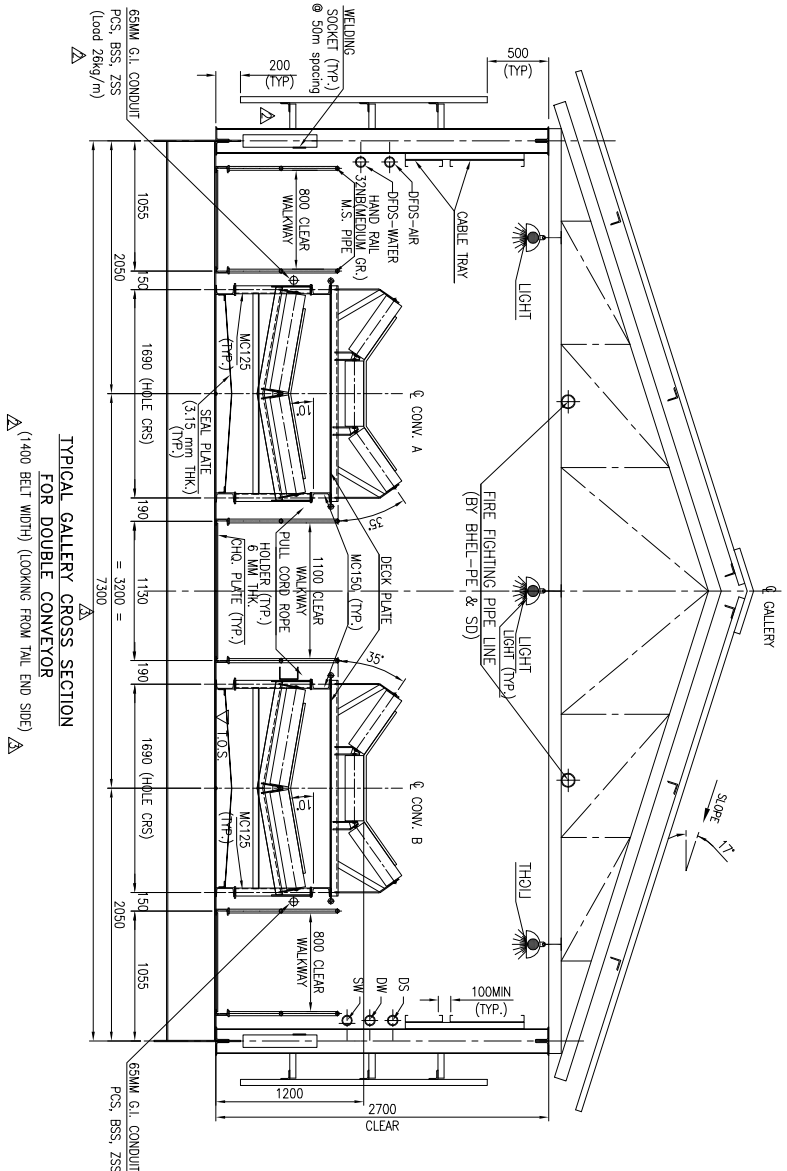
3	4-2-17	REMOVED AS PER MCDON COMMENTS DATED-28-12-16	A.S	S.J
2	1-12-16	REMOVED AS PER MCDON COMMENTS	J.S	S.J
PER	DATE	BRIEF RECORD	ISSN	CHK



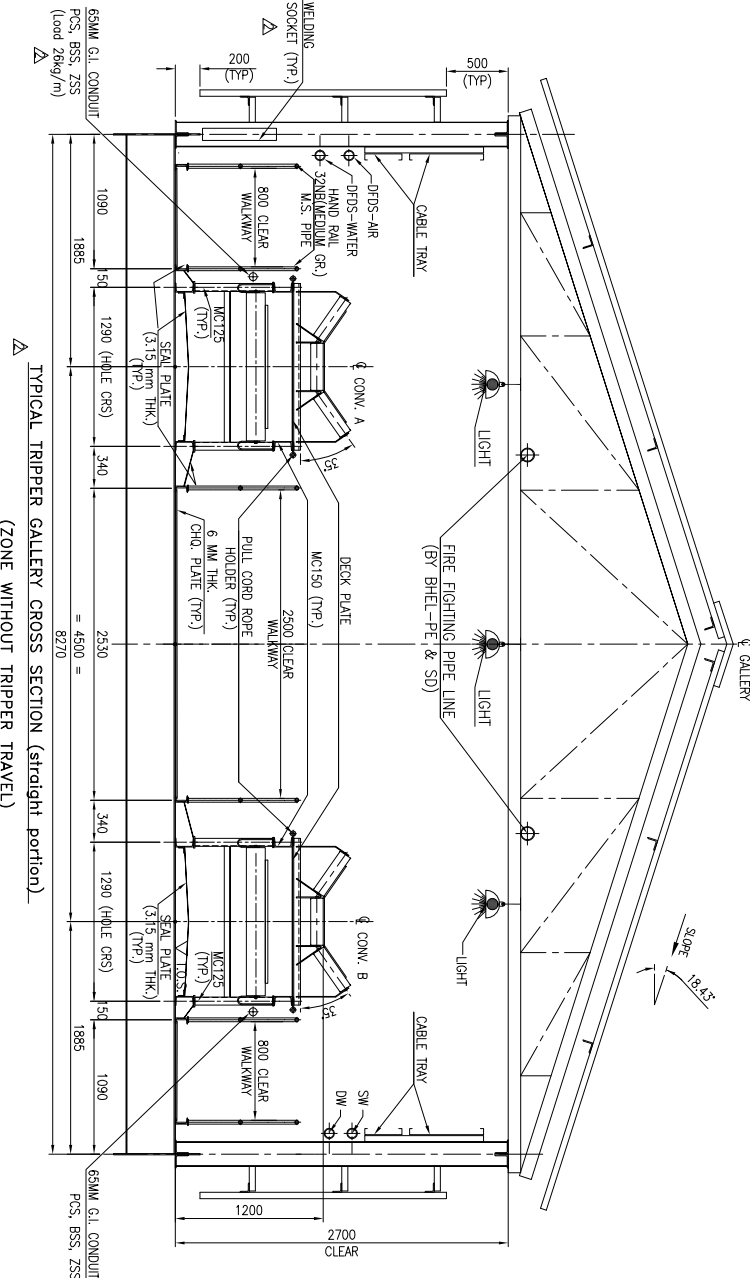
TYPICAL GROUND PORTAL CROSS SECTION
FOR DOUBLE CONVEYOR HORIZONTAL LENGTH
1400 BELT WIDTH (LOOKING FROM TAIL END SIDE)



TYPICAL TRIPPER GALLERY CROSS SECTION (Inclined portion).
(TRIPPER TRAVEL ZONE)



TYPICAL GALLERY CROSS SECTION
FOR DOUBLE CONVEYOR
1400 BELT WIDTH (LOOKING FROM TAIL END SIDE)



TYPICAL TRIPPER GALLERY CROSS SECTION (straight portion).
(ZONE WITHOUT TRIPPER TRAVEL)

3	4-2-17	REVISED AS PER MECON COMMENTS DATED-28-12-16	JS	SA	VJ
2	1-12-16	REVISED AS PER MECON COMMENTS	JS	SA	VJ
REV DATE		BRIEF RECORD	BSM	SKM	APP

SCALE	BHEL JOB NO.
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TITLE :	TYPICAL CROSS SECTION OF CONVEYOR GALLERY & TUNNELS
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NO. OF SHEETS	2
NO. REV	3

PROJECT :
ROURKELA PP-II EXPANSION
PROJECT (IX250 MW)
OWNER
NTPC-SAIL POWER COMPANY PVT. LTD.
CONSULTANT
MECON LIMITED
भारत नैतिक

BHARAT HEAVY ELECTRICALS LTD
INDUSTRIAL SYSTEMS GROUP,
BANGALORE

