



**Procurement of Plant
Design, Supply and Installation
JAIPUR METRO RAIL CORPORATION LIMITED
BIDDING DOCUMENT
for
Procurement
of**

NCB No.-JP/EW/1B/E2

**DESIGN, DETAIL ENGINEERING, MANUFACTURE, SUPPLY, INSTALLATION,
TESTING AND COMMISSIONING OF 25 KV AC TRACTION (RIGID OHE), 33 KV
AUXILIARY SUB STATIONS (ASS), ASSOCIATED CABLING AND SCADA
SYSTEMS FOR UNDERGROUND CORRIDORS OF JAIPUR MASS RAPID
TRANSPORT SYSTEM PROJECT PHASE-1B**

PART-II REQUIREMENTS

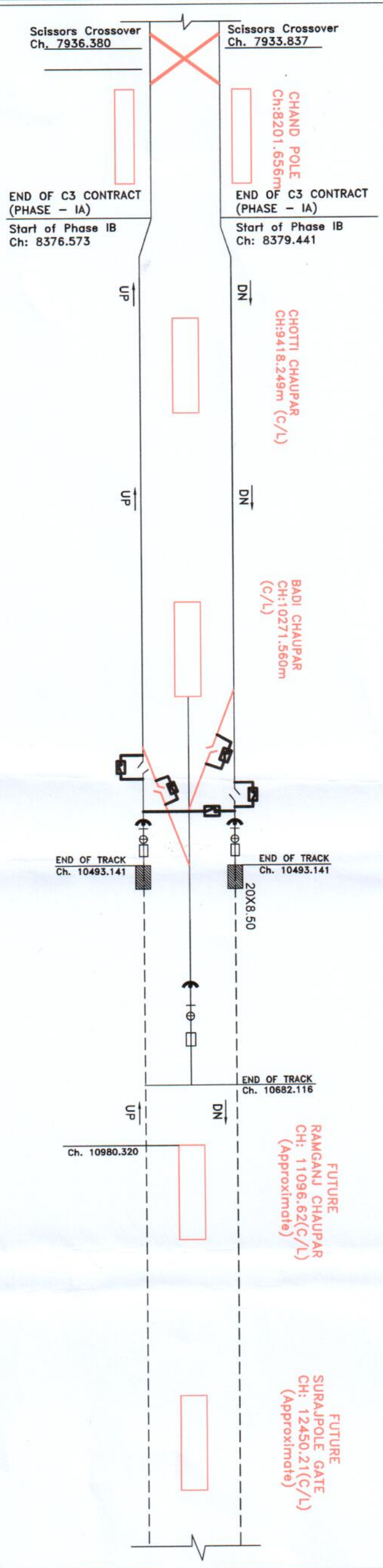
Section 6 - Employer's Requirements (ERQ)

Volume – III Bid Drawings

JAIPUR METRO RAIL CORPORATION LTD.

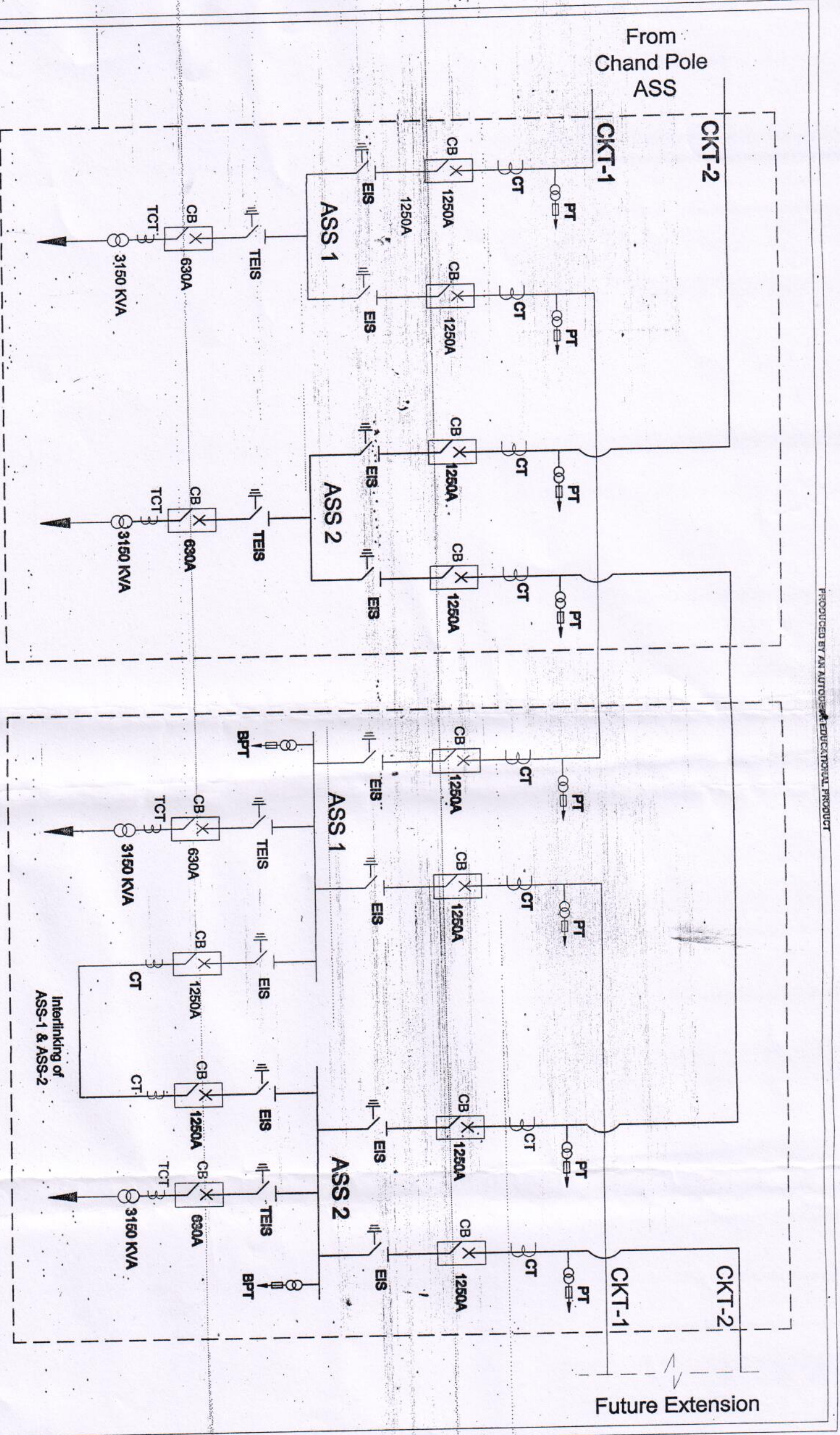
**Khanij Bhawan, Tilak Marg,
C- Scheme, Jaipur (Rajasthan) PIN-302005
Country: India**

**EAST - WEST CORRIDOR FROM
CHANDPOLE TO BADI CHAUPAR (PHASE - IB)**



LEGENDS	
S.No.	Symbol / Item
1.	Track Circuit end
2.	Buffer Signal
3.	Buffer Stop

DELHI METRO RAIL CORPORATION LTD.	
TRACK PLAN	
CHANDPOLE TO BADI CHAUPAR (PHASE - IB)	
DATE:	22.07.2019
SCALE:	N.T.S.
PROJECT NO.:	DMCR/PH/IB/01
REVISION:	



CHOTTI CHAUPAR ASS

BADI CHAUPAR ASS

TENDER DRAWING

LEGENDS

S.No.	Symbol	Item
1.		PT
2.		CT
3.		CIRCUIT BREAKER
4.		TRANSFORMER

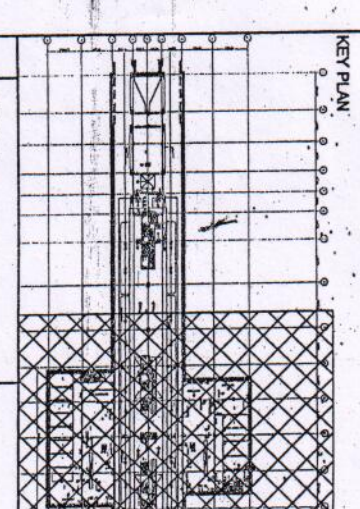
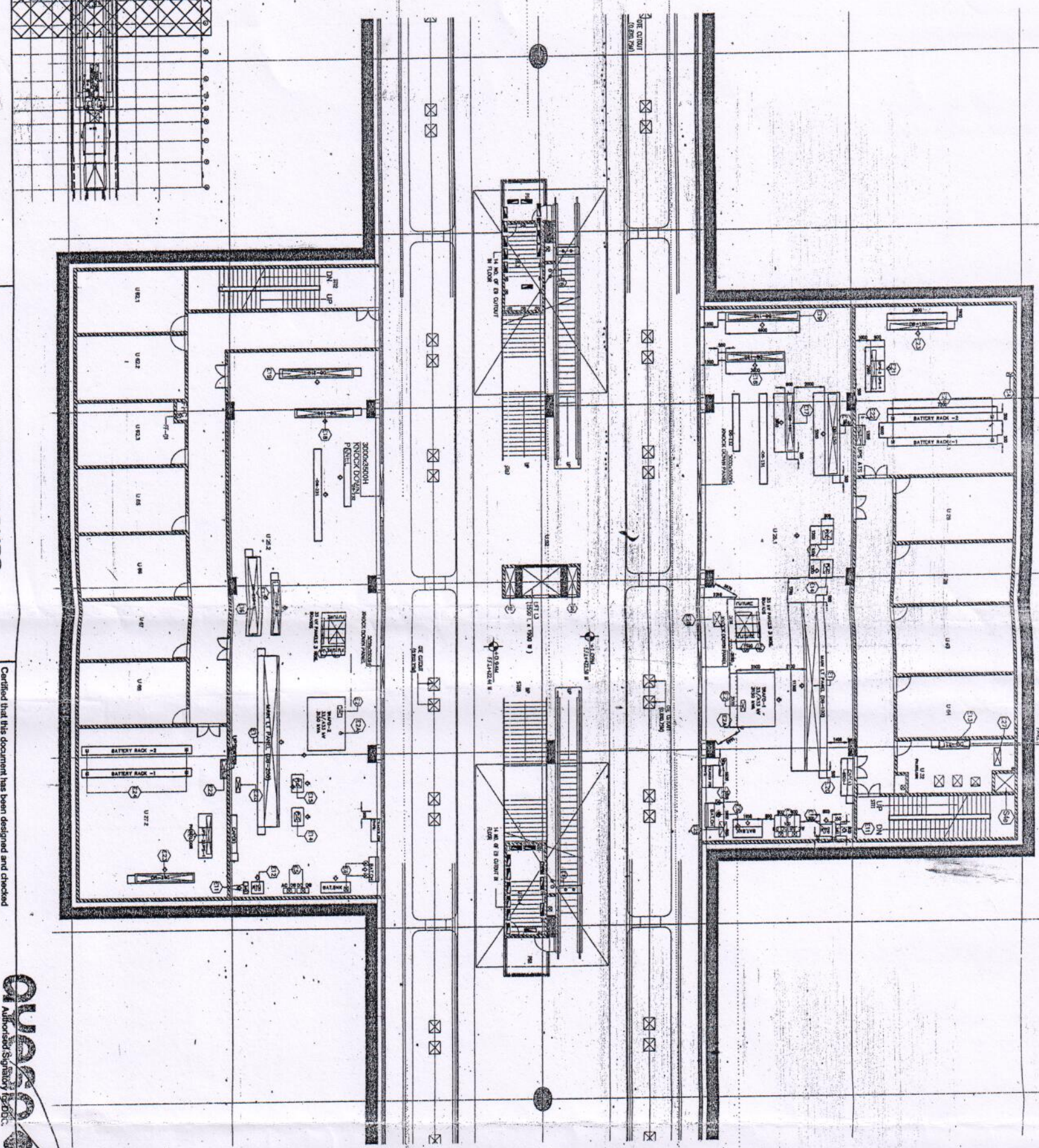
DELHI METRO RAIL CORPORATION LTD.
Metro Station 15, Park Road, Connaught Place, New Delhi-110001

TITLE:-
 AUXILIARY POWER SUPPLY DIAGRAM
 CHOTTI CHAUPAR ASS TO BADI CHAUPAR ASS (PHASE - IB)
 OF JAIPUR METRO

APPROVED BY:-	DESIGN BY:-	DRAWN BY:-
DATE:- 09.07.2015	REV:- R1	SCALE:- N.T.S.
DRAWING NO:- DMRC/JP/IB/M.G.		SHEET SIZE

Sanjay Kumar

9 11500 10 11500 11 11500 12 11500 13 11500 14 11500 15 11500



REVISIONS

REV	PARTICULARS	DRN	CHD	VER	DATE	ISSUE DATE	REV FOR CONSTRUCTION

APPROVAL BY DMRC

DMRC Approval	DMRC/DMRC	DMRC/DMRC	DMRC/DMRC

Certified that this document has been designed and checked in accordance with DDC Quality Assurance Plan.



Authorized Signatory (Name)

ayesa Engineering Information International

56, Indo-Asia House, Institutional Area, sector-44
Gurgaon - 122002 (Haryana)

DELHI METRO RAIL CORPORATION LTD.

Metro Bhawan, Fire Brigade Turn, Barakhamba Road, New Delhi-110001

PHASE 1B JAIPUR METRO PROJECT

STATION: BADI CHOUPAR

DRAWING TITLE: EQUIPMENT LAYOUT

DATE: 31-03-2015

DRAWN BY: SURJEET

CHECKED BY: AH

VERIFIED BY: LRS

SCALE: 1:150

SHEET NO: 1 OF 1

SHEET SIZE: A1

CONTRACT NO: P35-0017

PROJECT NO: JP-TD-C1-118C-1402

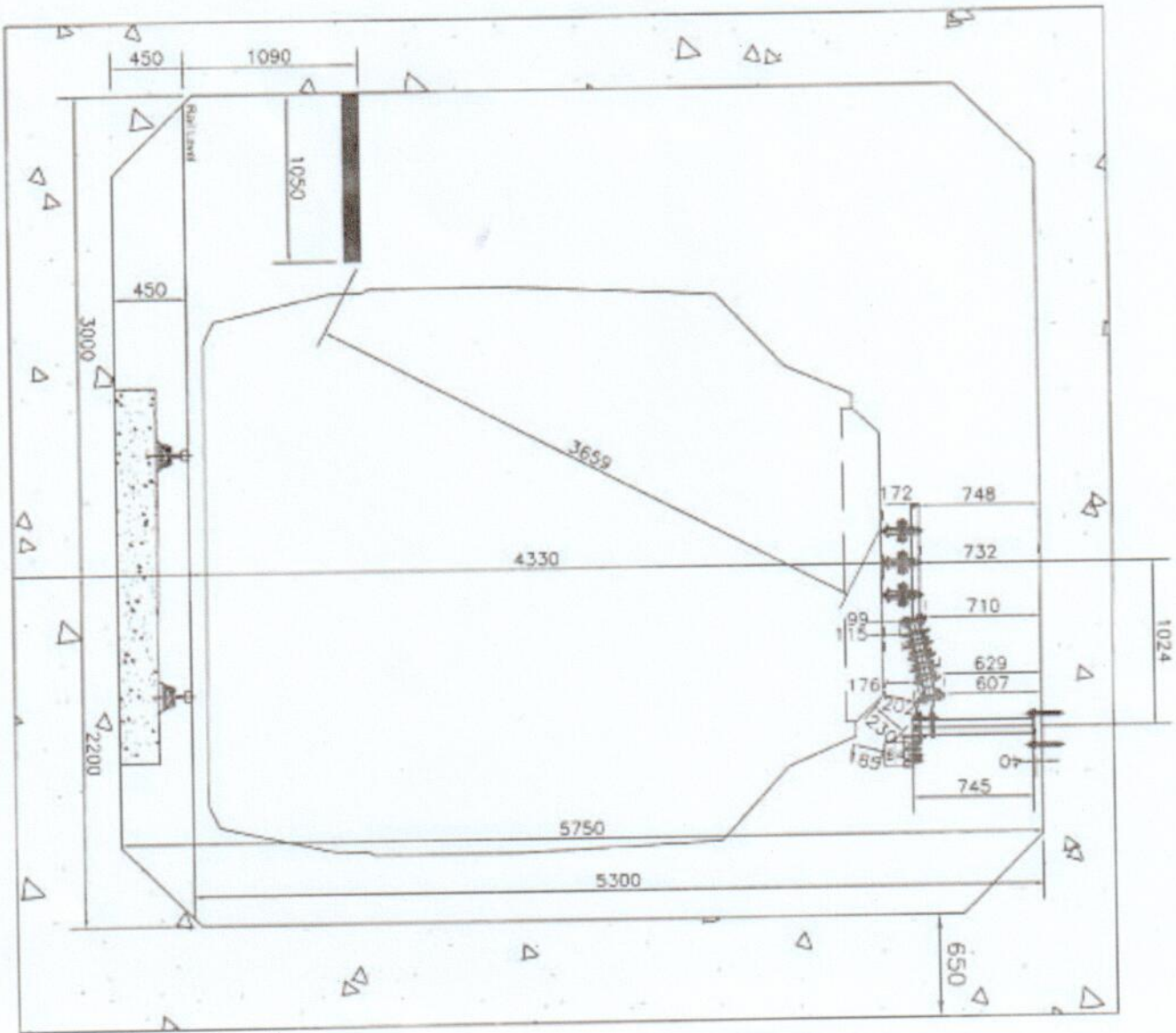
CABLE TRAY

ROOM SCHEDULE

Sl. No.	ROOM NAME	AREA (sq. m)	LEVEL	ROOM NO.
1	WATER TREATMENT ROOM	1.80 x 1.13	FLOOR	U181
2	HOT WATER TANK	0.50 x 0.50	FLOOR	U182
3	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	FLOOR	U183
4	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	FLOOR	U184
5	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	FLOOR	U185
6	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	FLOOR	U186
7	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	FLOOR	U187
8	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	FLOOR	U188
9	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	FLOOR	U189
10	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	FLOOR	U190
11	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	FLOOR	U191
12	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	FLOOR	U192
13	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	FLOOR	U193
14	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	FLOOR	U194
15	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	FLOOR	U195
16	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	FLOOR	U196
17	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	FLOOR	U197
18	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	FLOOR	U198
19	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	FLOOR	U199
20	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	FLOOR	U200
21	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	FLOOR	U201
22	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	FLOOR	U202
23	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	FLOOR	U203
24	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	FLOOR	U204
25	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	FLOOR	U205
26	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	FLOOR	U206

ELECTRICAL CUT OUT SCHEDULE

CUT OUT NUMBER	PERIPHERY	SIZE (M)	AREA (sq. m)	ROOM
E1	WATER TREATMENT ROOM	1.80 x 1.13	2.034	FLOOR
E2	HOT WATER TANK	0.50 x 0.50	0.250	FLOOR
E3	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	2.034	FLOOR
E4	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	2.034	FLOOR
E5	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	2.034	FLOOR
E6	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	2.034	FLOOR
E7	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	2.034	FLOOR
E8	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	2.034	FLOOR
E9	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	2.034	FLOOR
E10	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	2.034	FLOOR
E11	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	2.034	FLOOR
E12	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	2.034	FLOOR
E13	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	2.034	FLOOR
E14	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	2.034	FLOOR
E15	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	2.034	FLOOR
E16	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	2.034	FLOOR
E17	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	2.034	FLOOR
E18	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	2.034	FLOOR
E19	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	2.034	FLOOR
E20	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	2.034	FLOOR
E21	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	2.034	FLOOR
E22	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	2.034	FLOOR
E23	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	2.034	FLOOR
E24	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	2.034	FLOOR
E25	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	2.034	FLOOR
E26	HOT WATER CUM HEAT EXCHANGER	1.80 x 1.13	2.034	FLOOR

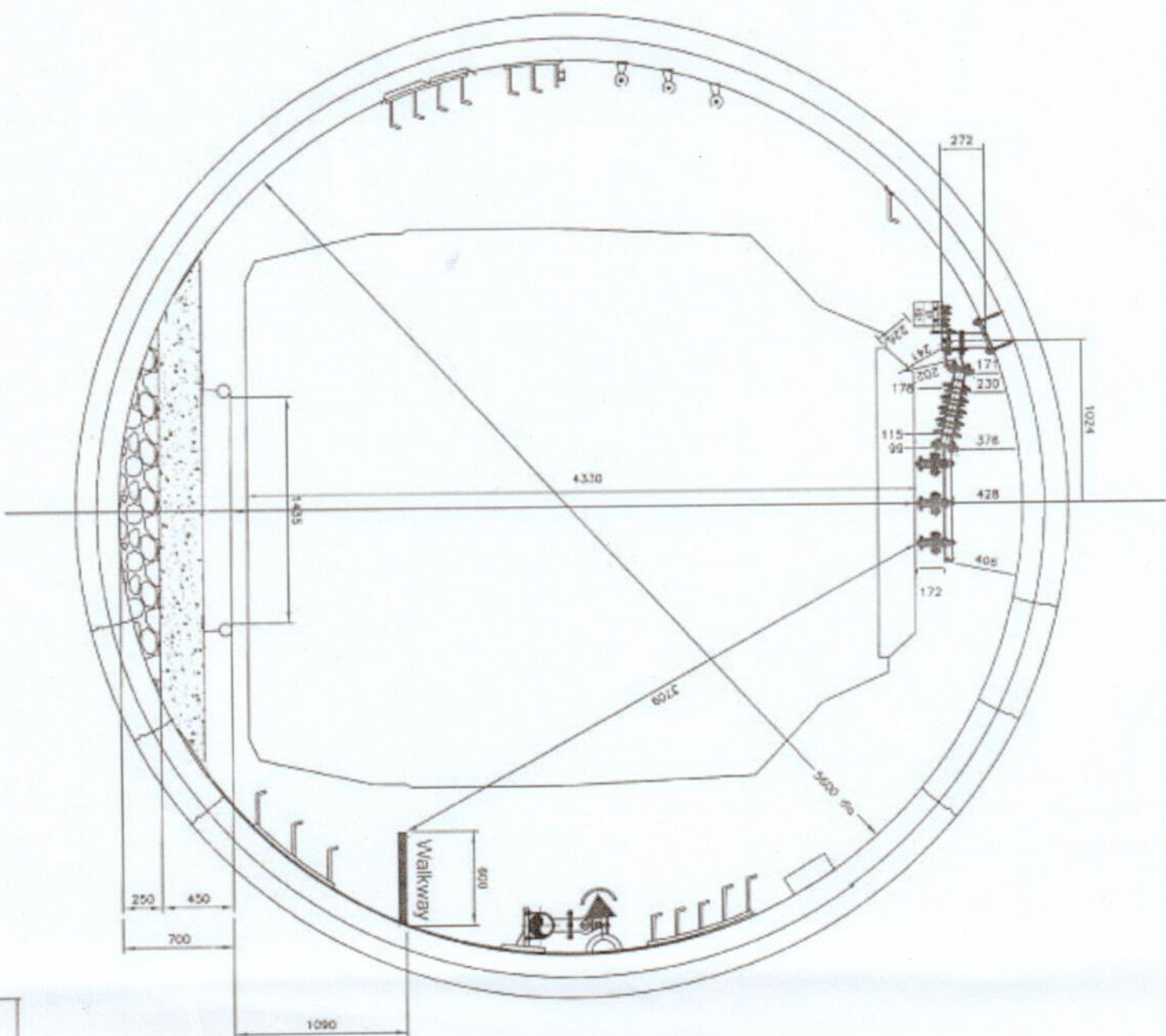


- Drawing Reference: SOD FOR STANDARD GAUGE drawing
1. KE as per
 2. CIVIL Drawing for Tunnel Cross section

Notes:

1. Rail level taken as per DMRC advise
2. Swivel head adjusted at middle position
3. Contact height at support is maintained at 4330mm
4. Walkway length taken as 1050mm as shown in Civil Drawing

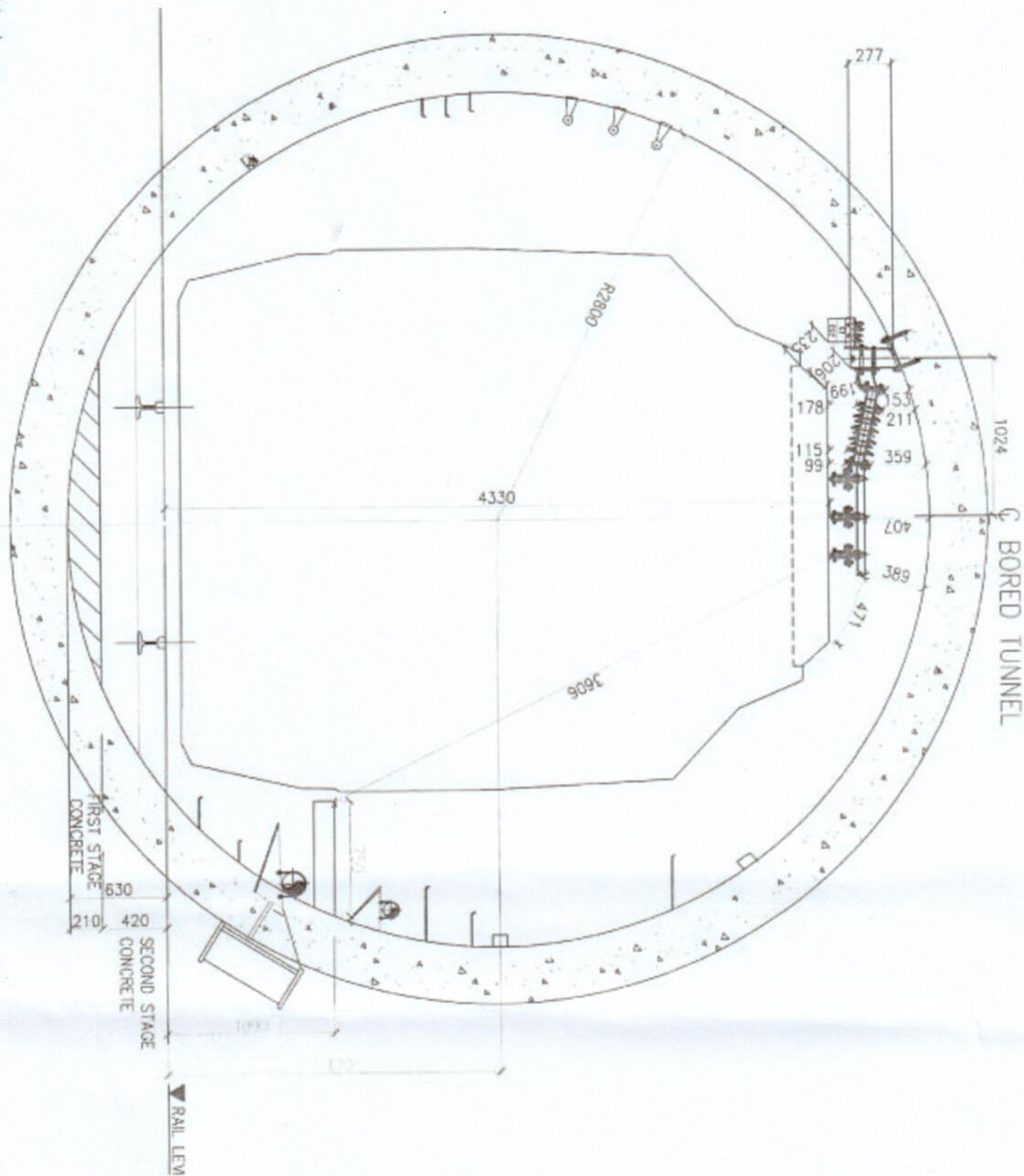
<p>Cut & Cover Tunnel Standard Gauge, 1435mm, Straight Track</p>
<p>440.0.0831-S1.10</p>



Notes:

1. KE as per SOD STANDARD GAUGE drawing
2. Contact height at support is maintained at 4330mm from TOR
3. Swivel head adjusted at middle position
4. Walkway length taken as 600mm as per CIVIL drawings

Bored Tunnel 5600 Dia
 Standard Gauge 1435mm, 700mm Rail level
 440.0831-S1.21



Notes:

1. KE as per SOD FOR STANDARD GAUGE drawing
2. Contact height at support is maintained at 4330mm from TOR
3. Swivel head adjusted at middle position
4. Walkway length taken as 750mm as per CIVIL drawings
5. Rail level from the centre of bored tunnel will be maintained 2170mm as per DMRC advise

Board Tunnel 5600 Dia
 Standard Gauge 1435mm, 630mm Track
 440.0.0831-S1.34