CEMINDIA PROJECTS LTD.

(Formerly ITD Cementation India Ltd.)

ARCHITECTURAL / FINISHING WORKS FOR LIGHT HOUSE UNDER GROUND STATION

in connection with

"Construction of Under Ground Stations at Light House, Kutchery Road, Alwarpet, Bharathidasan Road including Underground Stabling Yard and Cross Over at Light House Station and Associated Twin Tunnel, Project Start from Chainage 0+001m to End Chainage 5+150m (Down Line)"– Chennai Metro Rail Project, Phase-2, Corridor-4

TENDER No. – 01-AT-052022-C4-UG01-SC_ARC–LH

Sub: Modification in Tender Conditions and Issuance of Drawings -reg. Date: 15th September'26

ADDENDUM No. – 1

Sl. No.	As existing	As amended
1	**PART 1, SECTION I – INSTRUCTION TO BIDDERS** **Cl. No. 19, BID SECURITY / BID SECURING DECLARATION** 19.1 The Bidder shall furnish a Bid security for an amount of INR 17 lakhs (Rupees Seventeen Lakhs only) 19.3 Bid Security can be submitted in the form of (a) an unconditional irrevocable Bank Guarantee; or (b) Demand draft; or. (c) RTGS/NEFT/SWIFT. 19.5 The bid security of unsuccessful Bidders shall be returned promptly upon the successful Bidder's furnishing of the performance security pursuant to ITB 45. 19.6 The bid security of the successful Bidder shall be returned promptly once the successful Bidder has signed the Contract and furnished the required performance security.	**PART 1, SECTION I – INSTRUCTION TO BIDDERS** **Cl. No. 19, BID SECURITY / BID SECURING DECLARATION** **19.1** The Bidder shall furnish a Bid security for an amount of INR **10 lakhs (Rupees Ten Lakhs only)** **19.3** Bid Security can be submitted in the form of (a) an unconditional irrevocable Bank Guarantee; or (b) Demand draft; or. (c) RTGS/NEFT/SWIFT. Demand draft / NEFT/RTGS/SWIFT in the name of "Cemindia Projects Limited" payable at Chennai. Bank account details for payment: a) Beneficiary name: Cemindia Projects Limited b) Beneficiary bank: State Bank of India, Industrial Finance Branch, Chennai- 600 031 c) Current Account No: 40810511529 d) IFSC Code: SBIN0009930 **19.5** The bid security of unsuccessful Bidders shall be returned promptly upon issuance of work order to the successful Bidder. **19.6** The bid security of the successful Bidder shall be returned promptly once the successful Bidder has signed the Contract and furnished the required performance security in Bank Guarantee form; OR The bid security of the successful Bidder shall be returned promptly once the Performance Security retention reaches 2.5% (pursuant to ITB 45) of the Accepted Sub-contract Value if the Bidder opt for Cash Retention in Lieu of Performance Bank Guarantee.
2	**PART 1, SECTION I – INSTRUCTION TO BIDDERS** **Cl. No. 37, EVALUATION AND COMPARISON OF PRICE BIDS** 37.5 If an identical BOQ item appears at more than one location or under different Bill of Quantities sections, the Bidder shall quote a uniform unit rate for all such occurrences. In the event that different rates are quoted for the same BOQ item, the lowest of the quoted rates shall be deemed to be the Bidder's quoted rate for all such occurrences and shall be adopted uniformly for the purposes of bid evaluation, correction of the Price Bid (where applicable), and payment under the Contract. The Bidder shall have no claim whatsoever arising out of such correction or uniform application of the rate.	**PART 1, SECTION I – INSTRUCTION TO BIDDERS** **Cl. No. 37, EVALUATION AND COMPARISON OF PRICE BIDS** **37.5** If an identical BOQ item **having the same description, specifications, applicable standards, unit of measurement, and technical requirements** appears at more than one location or under different Bill of Quantities sections, the Bidder shall quote a uniform unit rate for all such occurrences. In the event that different rates are quoted for the same BOQ item, the lowest of the quoted rates shall be deemed to be the Bidder's quoted rate for all such occurrences and shall be adopted uniformly for the purposes of bid evaluation, correction of the Price Bid (where applicable), and payment under the Contract. The Bidder shall have no claim whatsoever arising out of such correction or uniform application of the rate.
3	**PART 1 SECTION III – BIDDING FORMS** **FORM – 7.4 : HISTORICAL FINANCIAL PERFORMANCE** DESCRIPTION | Financial Data for last four years and current financial year: 2022-23 | 2022-23 | 2023-24 | 2024-25	**PART 1 SECTION III – BIDDING FORMS** **FORM – 7.4 : HISTORICAL FINANCIAL PERFORMANCE** DESCRIPTION | Financial Data for last four years and current financial year: **2021-22** | 2022-23 | 2023-24 | 2024-25

<table>
<tr><th>Sl. No.</th><th>As existing</th><th>As amended</th></tr>
<tr><td>4</td><td>PART 2 SECTION VIII – MAIN CONTRACTOR'S REQUIREMENTS
SECTION -VIII, EMPLOYER'S DRAWINGS
LIST OF EMPLOYER'S DRAWINGS
(Sl No. 1 to 138)</td><td>PART 2 SECTION VIII – MAIN CONTRACTOR'S REQUIREMENTS
SECTION -VIII, EMPLOYER'S DRAWINGS
LIST OF EMPLOYER'S DRAWINGS
(Sl No. 1 to 156) (Sl No. 52 to 68 & 70 to be deleted and Additional 18 Nos Drawings enclosed)
P20C40UG01TYP- MMSO-ARCGENDWG- 00009(2)
TYPICAL DETAIL DRAWINGS PUBLIC STAIRCASE & HANDRAIL (WALL MOUNTED) SHEET 1 OF 2
P20C40UG01TYP- MMSO-ARCGENDWG- 00010(2)
TYPICAL DETAIL DRAWINGS PUBLIC STAIRCASE & HANDRAIL (FLOOR MOUNTED) SHEET 2 OF 2
P20C40UG01TYP- MMSO-ARCGENDWG- 00011(2)
TYPICAL DETAIL DRAWINGS EMERGENCY & FIREMAN STAIRCASE & HANDRAIL
P20C40UG01TYP- MMSO-ARCGENDWG- 00014(1)
TYPICAL DETAIL DRAWINGS PLATFORM END STAIRCASE LIGHTHOUSE METRO STATION
P20C40UG01TYP- MMSO-ARCGENDWG- 00017(1)
TYPICAL PSD DETAILS SHEET 1 OF 2
P20C40UG01TYP- MMSO-ARCGENDWG- 00018(1)
TYPICAL PSD DETAILS SHEET 2 OF 2
P20C40UG01TYP- MMSO-ARCGENDWG-00019(1)
TYPICAL RAILING DETAILS
P20C40UG01TYP- MMSO-ARCGENDWG-00019(2)
TYPICAL RAILING DETAILS
P20C40UG01TYP- MMSO-ARCGENDWG- 00020(1)
TYPICAL DETAIL DRAWINGS SMOKE CURTAIN DOWNSTAND DETAILS SHEET 01 OF 2
P20C40UG01TYP- MMSO-ARCGENDWG- 00021(1)
TYPICAL DETAIL DRAWINGS SMOKE CURTAIN DOWNSTAND DETAILS SHEET 02 OF 2
P20C40UG01TYP- MMSO-ARCGENDWG- 00022(1)
TYPICAL DETAILS TYPICAL FLOOR DETAIL
P20C40UG01TYP- MMSO-ARCGENDWG-00026(1)
SUSPENDED CEILING
P20C40UG01TYP- MMSO-ARCGENDWG- 00027(1)
TYPICAL DETAILS TACTILE DETAIL SHEET 01 OF 02
P20C40UG01TYP- MMSO-ARCGENDWG- 00028(1)
TYPICAL DETAILS TACTILE DETAIL SHEET 02 OF 02
P20C40UG01TYP- MMSO-ARCGENDWG-00030(1)
KERB GRANITE DETAILS
P20C40UG01TYP- MMSO-ARCGENDWG- 00031(1)
TYPICAL DETAILED DRAWINGS TYPICAL ENTRY/ EXIT COMPOUND WALL WITH GRILL DETAILS
P20C40UG01TYP- MMSO-ARCGENDWG- 00033(1)
LIGHTHOUSE METRO CONCOURSE LEVEL FOH STAIRCASE FLOORING DRAWING
P20C40UG01TYP-MMSO-ARCGENDWG-09001(2)
TYPICAL DETAIL DRAWING WALL CLADDING FOR FOH SHEET 1 OF 1</td></tr>
<tr><td>5</td><td>PART 3 – SECTION XI – Special Conditions of Sub-Contract, Part A – Contract Data
<table><tr><td>17.</td><td>Defect Liability Period</td><td>Cl. 16 SCSC</td><td>The Defect Liability Period shall be for a period of 24 months after the completion of the Works (i.e. Main Contract Obligations)</td></tr></table></td><td>PART 3 – SECTION XI – Special Conditions of Sub-Contract, Part A – Contract Data
<table><tr><td>17.</td><td>Defect Liability Period</td><td>Cl. 16 SCSC</td><td>The Defect Liability Period shall be for a period of 24 months after the completion of the Works i.e. Main Contract Obligations</td></tr></table></td></tr>
<tr><td>6</td><td>PART 1 SECTION IV – PRICING DOCUMENT
PRICED SCHEDULE OF QUANTITIES AND RATES
Schedule - C : Metal Works
Item No. C.6.9 - Rolling Shutters
The unit of measurement of the item is given as 'Nos'</td><td>PART 1 SECTION IV – PRICING DOCUMENT
PRICED SCHEDULE OF QUANTITIES AND RATES
Schedule - C : Metal Works
Item No. C.6.9 - Rolling Shutters
The unit of measurement of the item to be replaced as 'Sqm'</td></tr>
</table>

Sl. No.	As existing	As amended
7	**PART 3 – SECTION XI – Special Conditions of Sub-Contract, Part B – Specific Provisions** **SCSC Cl. No. – 15 , 8.7 Delay Damages** If the Subcontractor fails to complete the Subcontract Works within the agreed time, the Subcontractor shall be liable to pay delay damages to the Main Contractor at the rate of INR 1,00,000 (Rupees One Lakh only) per day for final completion of the project, or at the rate otherwise stated in the Subcontract Agreement, whichever is higher, subject to a maximum of 10% of the Subcontract Price.....	**PART 3 – SECTION XI – Special Conditions of Sub-Contract, Part B – Specific Provisions** **SCSC Cl. No. – 15 , 8.7 Delay Damages** If the Subcontractor fails to complete the Subcontract Works within the agreed time, the Subcontractor shall be liable to pay delay damages to the Main Contractor at the rate of INR 1,00,000 (Rupees One Lakh only) per day for final completion of the project, subject to a maximum of 10% of the Subcontract Price.....

Note: All other Terms and Conditions remain unchanged unless otherwise modified in this Corrigendum

LIST OF EMPLOYER'S DRAWINGS

ARCHITECTURAL / FINISHING WORKS FOR LIGHT HOUSE UNDER GROUND STATION

TENDER No. – 01-AT-052022-C4-UG01-SC_ARC-LH

Sl.No	DMS Document No.	Title of Document	Rev
1	P20C40UG01LIH-MMSO-ARCFSHSCH-13001(5)	FINISHING SCHEDULE	5
2	P20C40UG01LIH-MMSO-ARCFSHDWG-11301(9)	PLATFORM LEVEL GENERAL ARRANGMENT DRAWINGS	9
3	P20C40UG01LIH-MMSO-ARCFSHDWG-11302(9)	PLATFORM LEVEL 1 OF 8 GENERAL ARRANGMENT DRAWINGS	9
4	P20C40UG01LIH-MMSO-ARCFSHDWG-11303(9)	PLATFORM LEVEL 2 OF 8 GENERAL ARRANGMENT DRAWINGS	9
5	P20C40UG01LIH-MMSO-ARCFSHDWG-11304(9)	PLATFORM LEVEL 3 OF 8 GENERAL ARRANGMENT DRAWINGS	9
6	P20C40UG01LIH-MMSO-ARCFSHDWG-11305(9)	PLATFORM LEVEL 4 OF 8 GENERAL ARRANGMENT DRAWINGS	9
7	P20C40UG01LIH-MMSO-ARCFSHDWG-11306(9)	PLATFORM LEVEL 5 OF 8 GENERAL ARRANGMENT DRAWINGS	9
8	P20C40UG01LIH-MMSO-ARCFSHDWG-11307(9)	PLATFORM LEVEL 6 OF 8 GENERAL ARRANGMENT DRAWINGS	9
9	P20C40UG01LIH-MMSO-ARCFSHDWG-11308(9)	PLATFORM LEVEL 7 OF 8 GENERAL ARRANGMENT DRAWINGS	9
10	P20C40UG01LIH-MMSO-ARCFSHDWG-11309(9)	PLATFORM LEVEL 8 OF 8 GENERAL ARRANGMENT DRAWINGS	9
11	P20C40UG01LIH-MMSO-ARCFSHDWG-11351(7)	PLATFORM LEVEL GENERAL ARRANGMENT DRAWINGS	7
12	P20C40UG01LIH-MMSO-ARCFSHDWG-11352(7)	PLATFORM LEVEL 1 OF 3 GENERAL ARRANGMENT DRAWINGS	7
13	P20C40UG01LIH-MMSO-ARCFSHDWG-11353(7)	PLATFORM LEVEL 2 OF 3 GENERAL ARRANGMENT DRAWINGS	7
14	P20C40UG01LIH-MMSO-ARCFSHDWG-11354(7)	PLATFORM LEVEL 3 OF 3 GENERAL ARRANGMENT DRAWINGS	7
15	P20C40UG01LIH-MMSO-ARCFSHDWG-11401(7)	UNDERCROFT LEVEL GENERAL ARRANGMENT DRAWINGS	7
16	P20C40UG01LIH-MMSO-ARCFSHDWG-11402(7)	UNDERCROFT LEVEL 1 OF 8 GENERAL ARRANGMENT DRAWINGS	7
17	P20C40UG01LIH-MMSO-ARCFSHDWG-11403(7)	UNDERCROFT LEVEL 2 OF 8 GENERAL ARRANGMENT DRAWINGS	7
18	P20C40UG01LIH-MMSO-ARCFSHDWG-11404(7)	UNDERCROFT LEVEL 3 OF 8 GENERAL ARRANGMENT DRAWINGS	7
19	P20C40UG01LIH-MMSO-ARCFSHDWG-11405(7)	UNDERCROFT LEVEL 4 OF 8 GENERAL ARRANGMENT DRAWINGS	7
20	P20C40UG01LIH-MMSO-ARCFSHDWG-11406(7)	UNDERCROFT LEVEL 5 OF 8 GENERAL ARRANGMENT DRAWINGS	7
21	P20C40UG01LIH-MMSO-ARCFSHDWG-11407(7)	UNDERCROFT LEVEL 6 OF 8 GENERAL ARRANGMENT DRAWINGS	7
22	P20C40UG01LIH-MMSO-ARCFSHDWG-11408(7)	UNDERCROFT LEVEL 7 OF 8 GENERAL ARRANGMENT DRAWINGS	7
23	P20C40UG01LIH-MMSO-ARCFSHDWG-11409(7)	UNDERCROFT LEVEL 8 OF 8 GENERAL ARRANGMENT DRAWINGS	7
24	P20C40UG01LIH-MMSO-ARCFSHDWG-11451(6)	UNDERCROFT LEVEL GENERAL ARRANGMENT DRAWINGS	6
25	P20C40UG01LIH-MMSO-ARCFSHDWG-11452(5)	UNDERCROFT LEVEL 1 OF 3 GENERAL ARRANGMENT DRAWINGS	5
26	P20C40UG01LIH-MMSO-ARCFSHDWG-11453(6)	UNDERCROFT LEVEL 2 OF 3 GENERAL ARRANGMENT DRAWINGS	6
27	P20C40UG01LIH-MMSO-ARCFSHDWG-11454(5)	UNDERCROFT LEVEL 3 OF 3 GENERAL ARRANGMENT DRAWINGS	5
28	P20C40UG01LIH-MMSO-ARCFSHDWG-11501(7)	CONCOURSE LEVEL GENERAL ARRANGMENT DRAWINGS	7
29	P20C40UG01LIH-MMSO-ARCFSHDWG-11502(7)	CONCOURSE LEVEL 1 OF 7 GENERAL ARRANGMENT DRAWINGS	7
30	P20C40UG01LIH-MMSO-ARCFSHDWG-11503(7)	CONCOURSE LEVEL 2 OF 7 GENERAL ARRANGMENT DRAWINGS	7
31	P20C40UG01LIH-MMSO-ARCFSHDWG-11504(7)	CONCOURSE LEVEL 3 OF 7 GENERAL ARRANGMENT DRAWINGS	7
32	P20C40UG01LIH-MMSO-ARCFSHDWG-11505(7)	CONCOURSE LEVEL 4 OF 7 GENERAL ARRANGMENT DRAWINGS	7
33	P20C40UG01LIH-MMSO-ARCFSHDWG-11506(7)	CONCOURSE LEVEL 5 OF 7 GENERAL ARRANGMENT DRAWINGS	7
34	P20C40UG01LIH-MMSO-ARCFSHDWG-11507(7)	CONCOURSE LEVEL 6 OF 7 GENERAL ARRANGMENT DRAWINGS	7

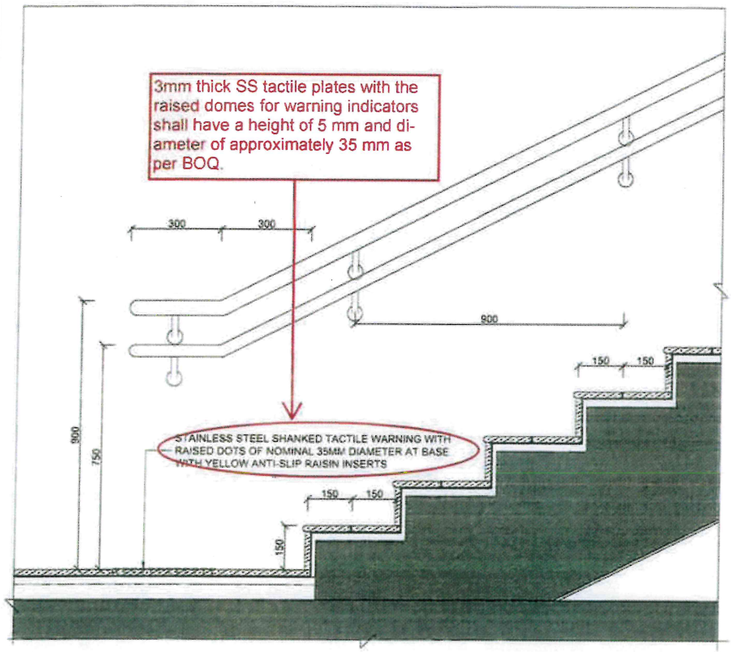
Sl.No	DMS Document No.	Title of Document	Rev
35	P20C40UG01LIH-MMSO-ARCFSHDWG-11508(4)	CONCOURSE LEVEL 7 OF 7 GENERAL ARRANGMENT DRAWINGS	4
36	P20C40UG01LIH-MMSO-ARCFSHDWG-12001(7)	LONGITUDINAL SECTION GENERAL ARRANGMENT DRAWINGS	7
37	P20C40UG01LIH-MMSO-ARCFSHDWG-12002(7)	LONGITUDINAL SECTION 1 OF 5 GENERAL ARRANGMENT DRAWINGS	7
38	P20C40UG01LIH-MMSO-ARCFSHDWG-12003(7)	LONGITUDINAL SECTION 2 OF 5 GENERAL ARRANGMENT DRAWINGS	7
39	P20C40UG01LIH-MMSO-ARCFSHDWG-12004(7)	LONGITUDINAL SECTION 3 OF 5 GENERAL ARRANGMENT DRAWINGS	7
40	P20C40UG01LIH-MMSO-ARCFSHDWG-12005(7)	LONGITUDINAL SECTION 4 OF 5 GENERAL ARRANGMENT DRAWINGS	7
41	P20C40UG01LIH-MMSO-ARCFSHDWG-12006(7)	LONGITUDINAL SECTION 5 OF 5 GENERAL ARRANGMENT DRAWINGS	7
42	P20C40UG01LIH-MMSO-ARCFSHDWG-12007(7)	CROSS SECTION BB GENERAL ARRANGMENT DRAWINGS	7
43	P20C40UG01LIH-MMSO-ARCFSHDWG-12008(7)	CROSS SECTION CC GENERAL ARRANGMENT DRAWINGS	7
44	P20C40UG01LIH-MMSO-ARCFSHDWG-12009(7)	CROSS SECTION DD GENERAL ARRANGMENT DRAWINGS	7
45	P20C40UG01LIH-MMSO-ARCFSHDWG-12010(4)	CROSS SECTION EE GENERAL ARRANGMENT DRAWINGS	4
46	P20C40UG01LIH-MMSO-ARCFSHDWG-12011(4)	CROSS SECTION FF GENERAL ARRANGMENT DRAWINGS	4
47	P20C40UG01LIH-MMSO-ARCFSHDWG-12051(6)	LONGITUDINAL SECTION GENERAL ARRANGMENT DRAWINGS	6
48	P20C40UG01LIH-MMSO-ARCFSHDWG-12052(5)	LONGITUDINAL SECTION 1 OF 3 GENERAL ARRANGMENT DRAWINGS	5
49	P20C40UG01LIH-MMSO-ARCFSHDWG-12053(6)	LONGITUDINAL SECTION 2 OF 3 GENERAL ARRANGMENT DRAWINGS	6
50	P20C40UG01LIH-MMSO-ARCFSHDWG-12054(5)	LONGITUDINAL SECTION 3 OF 3 GENERAL ARRANGMENT DRAWINGS	5
51	P20C40UG01LIH-MMSO-ARCFSHDWG-12055(5)	CROSS SECTION GG GENERAL ARRANGMENT DRAWINGS	5
~~52~~	~~P20C40UG01TYP- MMSO-ARCGENDWG- 00009(2)~~	~~TYPICAL DETAIL DRAWINGS PUBLIC STAIRCASE & HANDRAIL (WALL MOUNTED) SHEET 1 OF 2~~	~~2~~
~~53~~	~~P20C40UG01TYP- MMSO-ARCGENDWG- 00010(2)~~	~~TYPICAL DETAIL DRAWINGS PUBLIC STAIRCASE & HANDRAIL (FLOOR MOUNTED) SHEET 2 OF 2~~	~~2~~
~~54~~	~~P20C40UG01TYP- MMSO-ARCGENDWG- 00011(2)~~	~~TYPICAL DETAIL DRAWINGS EMERGENCY & FIREMAN STAIRCASE & HANDRAIL~~	~~2~~
~~55~~	~~P20C40UG01TYP- MMSO-ARCGENDWG- 00014(1)~~	~~TYPICAL DETAIL DRAWINGS PLATFORM END STAIRCASE LIGHTHOUSE METRO STATION~~	~~1~~
~~56~~	~~P20C40UG01TYP- MMSO-ARCGENDWG- 00017(1)~~	~~TYPICAL PSD DETAILS SHEET 1 OF 2~~	~~1~~
~~57~~	~~P20C40UG01TYP- MMSO-ARCGENDWG- 00018(1)~~	~~TYPICAL PSD DETAILS SHEET 2 OF 2~~	~~1~~
~~58~~	~~P20C40UG01TYP- MMSO-ARCGENDWG-00019(1)~~	~~TYPICAL RAILING DETAILS~~	~~1~~
~~59~~	~~P20C40UG01TYP- MMSO-ARCGENDWG-00019(2)~~	~~TYPICAL RAILING DETAILS~~	~~2~~
~~60~~	~~P20C40UG01TYP- MMSO-ARCGENDWG- 00020(1)~~	~~TYPICAL DETAIL DRAWINGS SMOKE CURTAIN DOWNSTAND DETAILS SHEET 01 OF 2~~	~~1~~
~~61~~	~~P20C40UG01TYP- MMSO-ARCGENDWG- 00021(1)~~	~~TYPICAL DETAIL DRAWINGS SMOKE CURTAIN DOWNSTAND DETAILS SHEET 02 OF 2~~	~~1~~
~~62~~	~~P20C40UG01TYP- MMSO-ARCGENDWG- 00022(1)~~	~~TYPICAL DETAILS TYPICAL FLOOR DETAIL~~	~~1~~
~~63~~	~~P20C40UG01TYP- MMSO-ARCGENDWG-00026(1)~~	~~SUSPENDED CEILING~~	~~1~~
~~64~~	~~P20C40UG01TYP- MMSO-ARCGENDWG- 00027(1)~~	~~TYPICAL DETAILS TACTILE DETAIL SHEET 01 OF 02~~	~~1~~
~~65~~	~~P20C40UG01TYP- MMSO-ARCGENDWG- 00028(1)~~	~~TYPICAL DETAILS TACTILE DETAIL SHEET 01 OF 02~~	~~1~~
~~66~~	~~P20C40UG01TYP- MMSO-ARCGENDWG-00030(1)~~	~~KERB GRANITE DETAILS~~	~~1~~
~~67~~	~~P20C40UG01TYP- MMSO-ARCGENDWG- 00031(1)~~	~~TYPICAL DETAILED DRAWINGS TYPICAL ENTRY/ EXIT COMPOUND WALL WITH GRILL DETAILS~~	~~1~~
~~68~~	~~P20C40UG01TYP- MMSO-ARCGENDWG- 00033(1)~~	~~LIGHTHOUSE METRO CONCOURSE LEVEL FOH STAIRCASE FLOORING DRAWING~~	~~1~~
69	P20C40UG01TYP- MMSO-ARCGENDWG- 00042(1)	TYPICAL DETAIL CONCOURSE LEVEL PD AREA - CURTAIN WALL (GLAZING) DETAIL SHEET 1 OF 1	1
~~70~~	~~P20C40UG01TYP-MMSO-ARCGENDWG-09001(2)~~	~~TYPICAL DETAIL DRAWING WALL CLADDING FOR FOH SHEET 1 OF 1~~	~~2~~
71	P20C40UG01TYP-MMSO-ARCGENDWG-00009(1)	PUBLIC STAIR RAILING DETAILS	1
72	P20C40UG01TYP-MMSO-ARCGENDWG-00010(1)	PUBLIC STAIR RAILING DETAILS	1
73	P20C40UG01TYP-MMSO-ARCGENDWG-00011(1)	FIREMAN & EMERGENCY STAIRS RAILING DETAILS	1
74	P20C40UG01TYP-MMSO-ARCGENDWG-00019(1)	GLASS RAILING DETAILS	1
75	P20C40UG01TYP-MMSO-ARCGENDWG-00020(1)	SMOKE DOWNSTAND DETAILS	1
76	P20C40UG01TYP-MMSO-ARCGENDWG-00021(1)	SMOKE DOWNSTAND DETAILS	1
77	P20C40UG01TYP-MMSO-ARCGENDWG-00027(1)	TACTILE DETAILS	1
78	P20C40UG01TYP-MMSO-ARCGENDWG-00028(1)	TACTILE DETAILS	1
79	P20C40UG01LIH-MMSO-ARCFSHDWG-34005(2)	EXCESS FARE OFFICE 1 OF 3 GENERAL ARRANGMENT DRAWINGS	2

Sl.No	DMS Document No.	Title of Document	Rev
80	P20C40UG01LIH-MMSO-ARCFSHDWG-34006(2)	EXCESS FARE OFFICE 2 OF 3 GENERAL ARRANGMENT DRAWINGS	2
81	P20C40UG01LIH-MMSO-ARCFSHDWG-34007(2)	EXCESS FARE OFFICE 3 OF 3 GENERAL ARRANGMENT DRAWINGS	2
82	P20C40UG01LIH-MMSO-ARCFSHDWG-34008(2)	STATION CONTROL ROOM GENERAL ARRANGMENT DRAWINGS	2
83	P20C40UG01LIH-MMSO-ARCFSHDWG-34009(2)	COMMUNICATION EQUIPMENT ROOM GENERAL ARRANGMENT DRAWINGS	2
84	P20C40UG01LIH-MMSO-ARCFSHDWG-34026(2)	LUNCH AND LOCKER ROOM GENERAL ARRANGMENT DRAWINGS	2
85	P20C40UG01LIH-MMSO-ARCFSHDWG-34027(2)	SUMP AND PUMP ROOM 1 OF 5 GENERAL ARRANGMENT DRAWINGS	2
86	P20C40UG01LIH-MMSO-ARCFSHDWG-34028(2)	SUMP AND PUMP ROOM 2 OF 5 GENERAL ARRANGMENT DRAWINGS	2
87	P20C40UG01LIH-MMSO-ARCFSHDWG-34029(2)	SUMP AND PUMP ROOM 3 OF 5 GENERAL ARRANGMENT DRAWINGS	2
88	P20C40UG01LIH-MMSO-ARCFSHDWG-34030(2)	SUMP AND PUMP ROOM 4 OF 5 GENERAL ARRANGMENT DRAWINGS	2
89	P20C40UG01LIH-MMSO-ARCFSHDWG-34031(2)	SUMP AND PUMP ROOM 5 OF 5 GENERAL ARRANGMENT DRAWINGS	2
90	P20C40UG01TYP-MMSO-ARCGENDWG-00026(1)	SUSPENDED CEILING DETAILS	1
91	P20C40UG01LIH-MMSO-ARCFSHDWG-20101(1)	STREET LEVEL ENTRY/ EXIT FLOORING DRAWING SHEET 1 OF 1	1
92	P20C40UG01LIH-MMSO-ARCFSHDWG-21301(2)	CONCOURSE LEVEL FLOORING PART A PLAN SHEET 1 OF 4	2
93	P20C40UG01LIH-MMSO-ARCFSHDWG-21302(2)	CONCOURSE LEVEL FLOORING PART B PLAN SHEET 2 OF 4	2
94	P20C40UG01LIH-MMSO-ARCFSHDWG-21303(2)	CONCOURSE LEVEL FLOORING PART C PLAN SHEET 3 OF 4	2
95	P20C40UG01LIH-MMSO-ARCFSHDWG-21304(2)	CONCOURSE LEVEL FLOORING PART C PLAN SHEET 4 OF 4	2
96	P20C40UG01LIH-MMSO-ARCFSHDWG-31311(2)	CONCOURSE LEVEL REFLECTED FALSE CEILING PART A PLAN SHEET 1 OF 9	2
97	P20C40UG01LIH-MMSO-ARCFSHDWG-31312(2)	CONCOURSE LEVEL REFLECTED FALSE CEILING PART A PLAN SHEET 2 OF 9	2
98	P20C40UG01LIH-MMSO-ARCFSHDWG-31313(2)	CONCOURSE LEVEL REFLECTED FALSE CEILING PART A PLAN SHEET 3 OF 9	2
99	P20C40UG01LIH-MMSO-ARCFSHDWG-31314(2)	CONCOURSE LEVEL REFLECTED FALSE CEILING PART A PLAN SHEET 4 OF 9	2
100	P20C40UG01LIH-MMSO-ARCFSHDWG-31315(2)	CONCOURSE LEVEL REFLECTED FALSE CEILING PART A PLAN SHEET 5 OF 9	2
101	P20C40UG01LIH-MMSO-ARCFSHDWG-31316(2)	CONCOURSE LEVEL REFLECTED FALSE CEILING PART A PLAN SHEET 6 OF 9	2
102	P20C40UG01LIH-MMSO-ARCFSHDWG-31317(2)	CONCOURSE LEVEL REFLECTED FALSE CEILING PART A PLAN SHEET 7 OF 9	2
103	P20C40UG01LIH-MMSO-ARCFSHDWG-31318(2)	CONCOURSE LEVEL REFLECTED FALSE CEILING PART A PLAN SHEET 8 OF 9	2
104	P20C40UG01LIH-MMSO-ARCFSHDWG-31319(2)	CONCOURSE LEVEL REFLECTED FALSE CEILING PART A PLAN SHEET 9 OF 9	2
105	P20C40UG01LIH-MMSO-ARCFSHDWG-31501(2)	PLATFORM LEVEL FLOORING DRAWING PART A PLAN SHEET 1 OF 2	2
106	P20C40UG01LIH-MMSO-ARCFSHDWG-31511(2)	PLATFORM LEVEL REFLECTED CEILING PART A PLAN SHEET 1 OF 5	2
107	P20C40UG01LIH-MMSO-ARCFSHDWG-31512(2)	PLATFORM LEVEL REFLECTED CEILING PART A SERVICES INCORPORATED PLAN SHEET 2 OF 5	2
108	P20C40UG01LIH-MMSO-ARCFSHDWG-31513(2)	PLATFORM LEVEL REFLECTED CEILING PART B PLAN SHEET 3 OF 5	2
109	P20C40UG01LIH-MMSO-ARCFSHDWG-31514(2)	PLATFORM LEVEL REFLECTED CEILING PART B SERVICES INCORPORATED PLAN SHEET 4 OF 5	2
110	P20C40UG01LIH-MMSO-ARCFSHDWG-31515(2)	PLATFORM LEVEL DETAILS OF REFLECTED CEILING PLAN SHEET 5 OF 5	2
111	P20C40UG01LIH-MMSO-ARCFSHDWG-31601(2)	PLATFORM LEVEL FLOORING PART B PLAN SHEET 2 OF 2	2

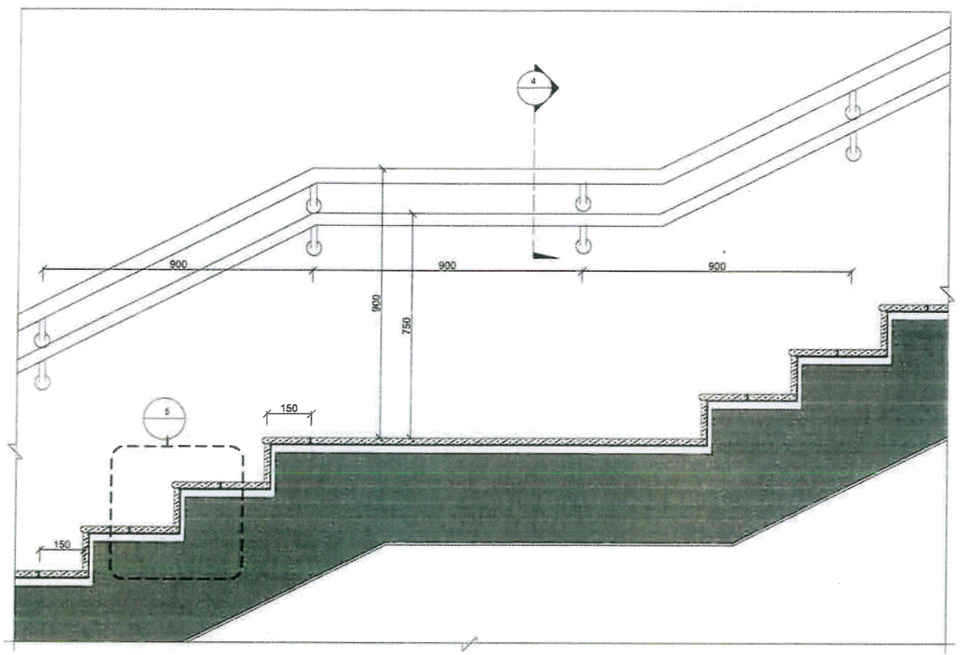
Sl.No	DMS Document No.	Title of Document	Rev
112	P20C40UG01LIH-MMSO-ARCFSHDWG-41401(2)	PLATFORM LVL PLAN SHEET 1 OF 2 WALL FINISHES DRAWINGS	2
113	P20C40UG01LIH-MMSO-ARCFSHDWG-41402(2)	PLATFORM LVL PLAN SHEET 2 OF 2 WALL FINISHES DRAWINGS	2
114	P20C40UG01LIH-MMSO-ARCFSHDWG-51510(2)	CONCOURSE LEVEL PART PLAN A SHEET 1 OF 3 WALL FINISHES DRAWINGS	2
115	P20C40UG01LIH-MMSO-ARCFSHDWG-51511(2)	CONCOURSE LEVEL PART PLAN B SHEET 2 OF 3 WALL FINISHES DRAWINGS	2
116	P20C40UG01LIH-MMSO-ARCFSHDWG-51512(2)	CONCOURSE LEVEL PART PLAN B SHEET 3 OF 3 WALL FINISHES DRAWINGS	2
117	P20C40UG01TYP-MMSO-ARCGENDWG-01001(1)	TYPICAL DETAILED DRAWINGS FOR REFLECTED FALSE CEILING FOR UG-01 & UG-02 , SHEET 1 OF 04.(ST-07, ST-03,ST-05,ST-06,ST-08,ST-11	1
118	P20C40UG01TYP-MMSO-ARCGENDWG-01002(1)	TYPICAL DETAILED DRAWINGS FOR REFLECTED FALSE CEILING FOR UG-01 & UG-02 , SHEET 2 OF 04.(ST-07, ST-03,ST-05,ST-06,ST-08,ST-11	1
119	P20C40UG01TYP-MMSO-ARCGENDWG-01003(1)	TYPICAL DETAILED DRAWINGS FOR REFLECTED FALSE CEILING FOR UG-01 & UG-02 , SHEET 3 OF 04.(ST-07, ST-03,ST-05,ST-06,ST-08,ST-11	1
120	P20C40UG01TYP-MMSO-ARCGENDWG-01004(1)	TYPICAL DETAILED DRAWINGS FOR REFLECTED FALSE CEILING FOR UG-01 & UG-02 , SHEET 4 OF 04 (ST-07, ST-03,ST-05,ST-06,ST-08,ST-11	1
121	P20C40UG01LIH-MMSO-ARCSIGDWG-81301(2)	STREET LEVEL WAY FINDING SIGNAGES	2
122	P20C40UG01LIH-MMSO-ARCSIGDWG-81302(2)	CONCOURSE LEVEL WAY FINDING SIGNAGES	2
123	P20C40UG01LIH-MMSO-ARCSIGDWG-81303(2)	PLATFORM LEVEL WAY FINDING SIGNAGES	2
124	P20C40UG01LIH-MMSO-ARCSIGDWG-81304(2)	UNDERCRAFT LEVEL WAY FINDING SIGNAGES	2
125	P20C40UG01LIH-MMSO-ARCSIGDOC-81300(2)	WAY FINDING ABACUS	2
126	P20C40UG01LIH-MMSO-ARCFSHDWG-34054(1)	ELEVATIONS - AA,BB (ENTRY-EXIT -01	1
127	P20C40UG01LIH-MMSO-ARCFSHDWG-91121(1)	CANOPY DETAILS (ENTRY-EXIT -01)	1
128	P20C40UG01LIH-MMSO-ARCFSHDWG-91122(1)	CANOPY DETAILS (ENTRY-EXIT -02)	1
129	P20C40UG01LIH-MMSO-ARCFSHDWG-91123(1)	CANOPY DETAILS (ENTRY-EXIT -03)	1
130	P20C40UG01LIH-MMSO-ARCFSHDWG-34001(4)	MALE TOILET DETAILS – SHEET 1 OF 4 GENERAL ARRANGMENT DRAWINGS	4
131	P20C40UG01LIH-MMSO-ARCF5HDWG-34002(4)	FEMALE TOILET DETAILS – SHEET 2 OF 4 GENERAL ARRANGMENT DRAWINGS	4
132	P20C40UG01LIH-MMSO-ARCF5HDWG-34003(4)	DISABLED TOILET DETAILS – SHEET 3 OF 4 GENERAL ARRANGMENT DRAWINGS	4
133	P20C40UG01LIH-MMSO-ARCF5HDWG-34004(4)	JANITOR ROOM AND TOILET DETAILS – SHEET 4 OF 4 GENERAL ARRANGMENT DRAWINGS	4
134	P20C40UG01LIH-MMSO-ARCFSHDWG-11301(8)	PLATFORM LEVEL-GENERAL ARRANGMENT DRAWINGS	8
135	P20C40UG01LIH-MMSO-CIVSTRDWG-54021(1)	CANOPY DETAILS-ENTRY/EXIT-01 CANOPY LAYOUT AND DETAILS	1
136	P20C40UG01LIH-MMSO-CIVSTRDWG-54022(1)	CANOPY DETAILS-ENTRY/EXIT-02 CANOPY LAYOUT AND DETAILS	1
137	P20C40UG01LIH-MMSO-CIVSTRDWG-54023(1)	CANOPY DETAILS-ENTRY/EXIT-03 CANOPY LAYOUT AND DETAILS	1
138	P20C40UG01TYP-MMSO-ARCGENDWG-00043(1)	SLIDING FOLDING GLASS PANEL DOOR-ENTRY/EXIT STRUCTURE	1
139	P20C40UG01TYP- MMSO-ARCGENDWG- 00009(2)	TYPICAL DETAIL DRAWINGS PUBLIC STAIRCASE & HANDRAIL (WALL MOUNTED) SHEET 1 OF 2	2
140	P20C40UG01TYP- MMSO-ARCGENDWG- 00010(2)	TYPICAL DETAIL DRAWINGS PUBLIC STAIRCASE & HANDRAIL (FLOOR MOUNTED) SHEET 2 OF 2	2
141	P20C40UG01TYP- MMSO-ARCGENDWG- 00011(2)	TYPICAL DETAIL DRAWINGS EMERGENCY & FIREMAN STAIRCASE & HANDRAIL	2
142	P20C40UG01TYP- MMSO-ARCGENDWG- 00014(1)	TYPICAL DETAIL DRAWINGS PLATFORM END STAIRCASE LIGHTHOUSE METRO STATION	1
143	P20C40UG01TYP- MMSO-ARCGENDWG- 00017(1)	TYPICAL PSD DETAILS SHEET 1 OF 2	1
144	P20C40UG01TYP- MMSO-ARCGENDWG- 00018(1)	TYPICAL PSD DETAILS SHEET 2 OF 2	1
145	P20C40UG01TYP- MMSO-ARCGENDWG-00019(1)	TYPICAL RAILING DETAILS	1
146	P20C40UG01TYP- MMSO-ARCGENDWG-00019(2)	TYPICAL RAILING DETAILS	2
147	P20C40UG01TYP- MMSO-ARCGENDWG- 00020(1)	TYPICAL DETAIL DRAWINGS SMOKE CURTAIN DOWNSTAND DETAILS SHEET 01 OF 2	1
148	P20C40UG01TYP- MMSO-ARCGENDWG- 00021(1)	TYPICAL DETAIL DRAWINGS SMOKE CURTAIN DOWNSTAND DETAILS SHEET 02 OF 2	1

Sl.No	DMS Document No.	Title of Document	Rev
149	P20C40UG01TYP- MMSO-ARCGENDWG- 00022(1)	TYPICAL DETAILS TYPICAL FLOOR DETAIL	1
150	P20C40UG01TYP- MMSO-ARCGENDWG-00026(1)	SUSPENDED CEILING	1
151	P20C40UG01TYP- MMSO-ARCGENDWG- 00027(1)	TYPICAL DETAILS TACTILE DETAIL SHEET 01 OF 02	1
152	P20C40UG01TYP- MMSO-ARCGENDWG- 00028(1)	TYPICAL DETAILS TACTILE DETAIL SHEET 01 OF 02	1
153	P20C40UG01TYP- MMSO-ARCGENDWG-00030(1)	KERB GRANITE DETAILS	1
154	P20C40UG01TYP- MMSO-ARCGENDWG- 00031(1)	TYPICAL DETAILED DRAWINGS TYPICAL ENTRY/ EXIT COMPOUND WALL WITH GRILL DETAILS	1
155	P20C40UG01TYP- MMSO-ARCGENDWG- 00033(1)	LIGHTHOUSE METRO CONCOURSE LEVEL FOH STAIRCASE FLOORING DRAWING	1
156	P20C40UG01TYP-MMSO-ARCGENDWG-09001(2)	TYPICAL DETAIL DRAWING WALL CLADDING FOR FOH SHEET 1 OF 1	2

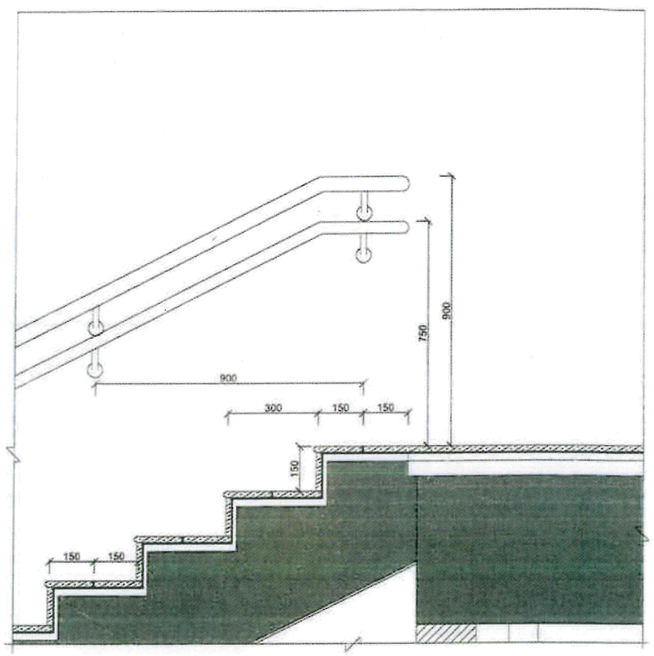
Note: All drawingsenclosed are for Tender Purposes only. In case of any ambiguity or discrepancy, the most recent drawing/latest revision shall prevail and be considered for reference.



1 - 1:10 BOTTOM OF STAIR - WALL MOUNTED

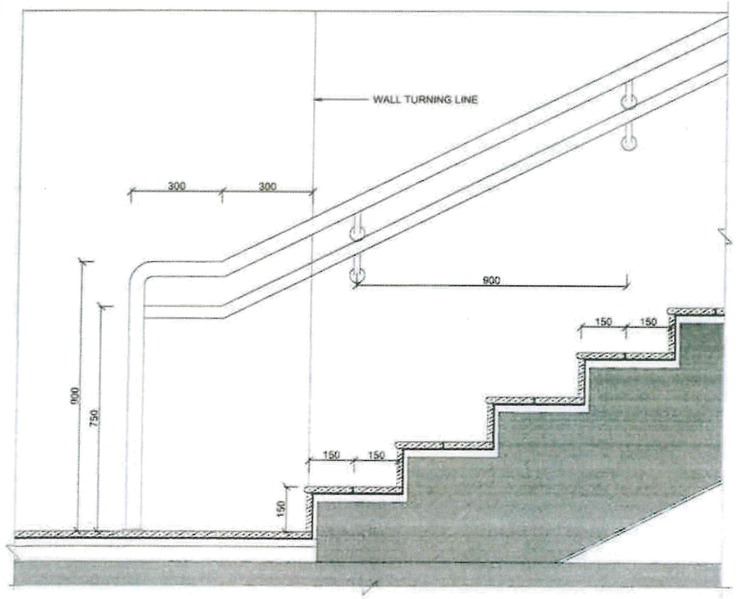


2 - 1:10 STAIR MID LANDING - WALL MOUNTED

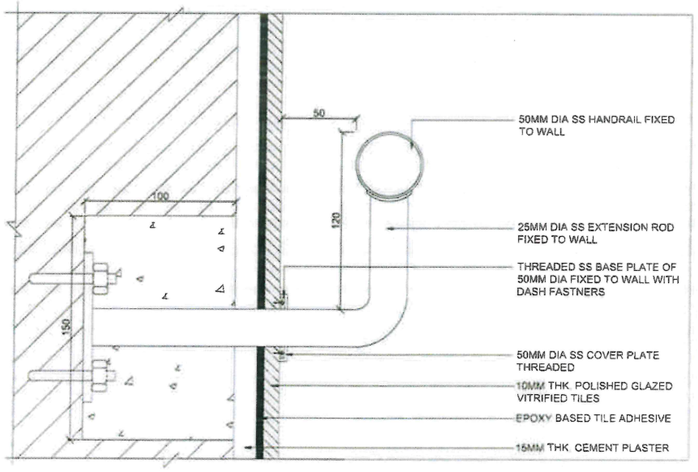


3 - 1:10 TOP OF STAIR - WALL MOUNTED

30 mm thick Polished gang saw cut Granite stone in Treads as pr BOQ with groove instead of grout and sealant

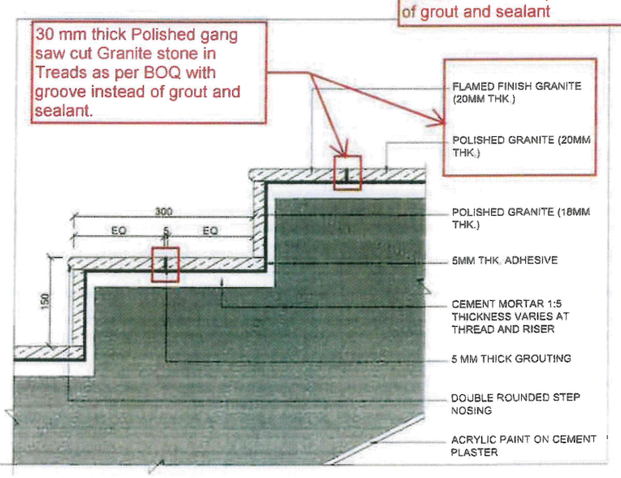


6 - 1:10 BOTTOM OF STAIR - WALL MOUNTED (RAILING EXTENDING BEYOND WALL)

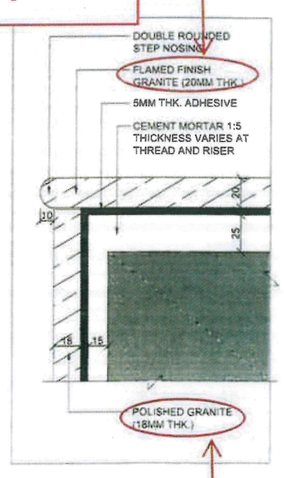


4 - 1:2 SECTION 4 - WALL MOUNTED RAILING

30 mm thick Polished gang saw cut Granite stone in Treads as per BOQ with groove instead of grout and sealant.



5 - 1:5 DETAIL 5 - STEP DETAIL



6 - 1:5 DETAIL 6 - NOSING DETAIL

10 mm thick granite as per BOQ for the riser.

SHARMISTHA ACHARYA
Senior Architect
AEON Consortium. JC 2, Phase II

FOR TENDER PURPOSE ONLY

REFERENCE DRAWING / NOTES

NOTES
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6 ESCALATORS AND LIFTS ARE INDICATIVE ONLY AND FINAL SIZES ARE AS PER MANUFACTURER S REQUIREMENTS
7 INFORMATION ON ACTUAL SIZE OF CUTOUT AND OPENINGS SHALL BE AS PER MSE DESIGN
8 REFER TO PLUMBING DRAWINGS FOR PLUMBING AND DRAINAGE LAYOUT
9 PSD DOORS DESIGN AND TRAIN DESIGN TO BE CONFIRM BY CLIENT BASED ON SUPPLIER INFORMATION
10 FOR FINISHES REFER FINISHES SCHEDULE AND TYPICAL DETAILS

REVISIONS

REV.	DATE	BY	DESCRIPTION	CHKD	APPD
02	16.06.2025	RA	ISSUED FOR TENDER	VC	RN
01	16.06.2025	RA	ISSUED FOR TENDER	VC	RN

NO OBJECTION FROM CMRL

The design and drawings as certified and submitted by the designer have been reviewed and proof checked

☐ No Objection ☐ No Objection subjected to comments as noted ☐ Re-submission Required subjected to comments as noted

CHECKED BY	REVIEWED BY	APPROVED BY	DATE

By Detail Design Consultant

DESIGNED BY	CHECKED BY	APPROVED BY	DATE
RA	VC	RN	16.06.2025

LEAD DESIGN CHECKER CERTIFICATION

DETAIL DESIGN CONSULTANT

MM SMEC INDIA Member of the Sumitomo Jurong Group oneworks:

PROJECT TITLE

Chennai Metro Rail Detail Design Consultancy Corridor-4,Phase-2

for the works and Services of the Detailed Design and Drawings for the Alignment, Civil Structures, Architectural, MEP, TVS, VAC & Track Works Covering the Alignment and Underground Stations from Lighthouse to Kodambakkam Flyover in Corridor-4 of phase-II of Chennai Metro Rail Project.

CLIENT CHENNAI METRO RAIL LTD.

PACKAGE NO P2C4/04

DRAWING TITLE

TYPICAL DETAIL DRAWINGS

PUBLIC STAIRCASE & HANDRAIL (WALL MOUNTED)
SHEET 1 OF 2

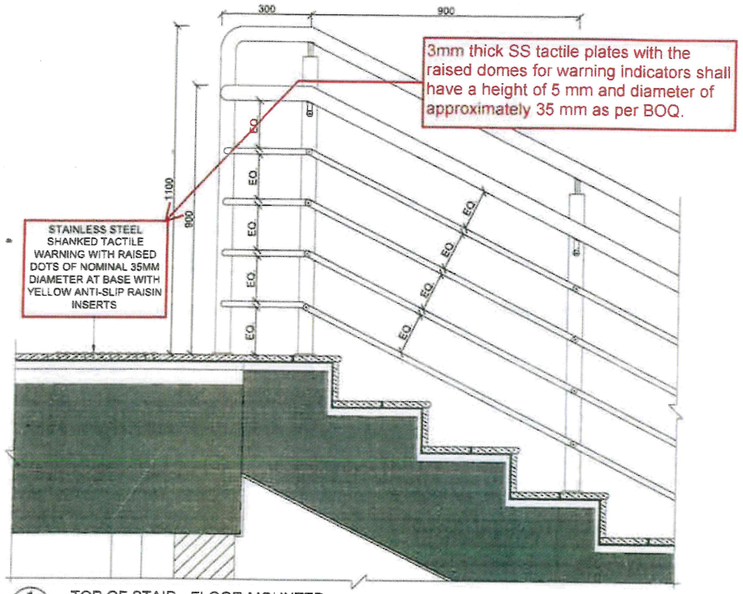
DRG ISSUE RECORD	STATUS
Concept Design	
Preliminary Design	
Definitive Design	
Construction Reference	
Good for Construction	X

DRAWING NUMBER P20C40UG01TYP-MMSO-ARCGENDWG-00009(2)

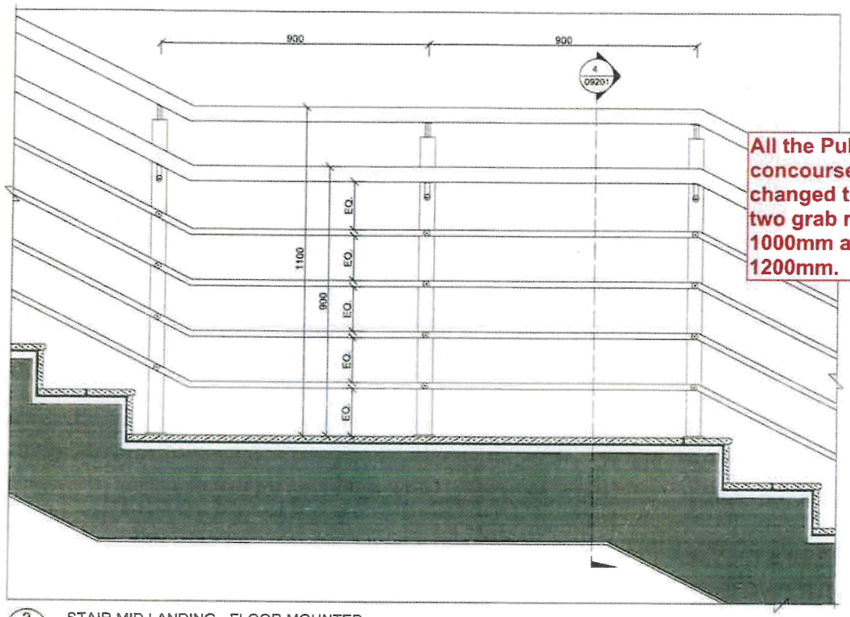
SCALE AS SHOWN

REV 02

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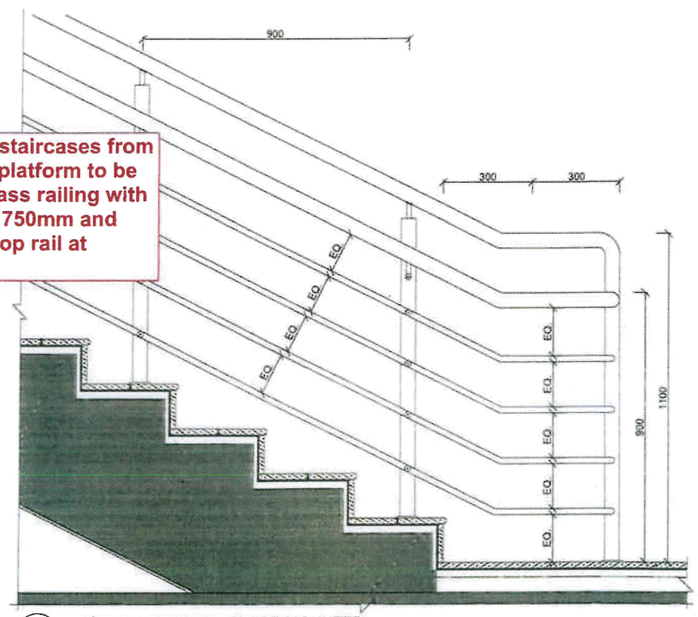


1 / - TOP OF STAIR - FLOOR MOUNTED
1:10

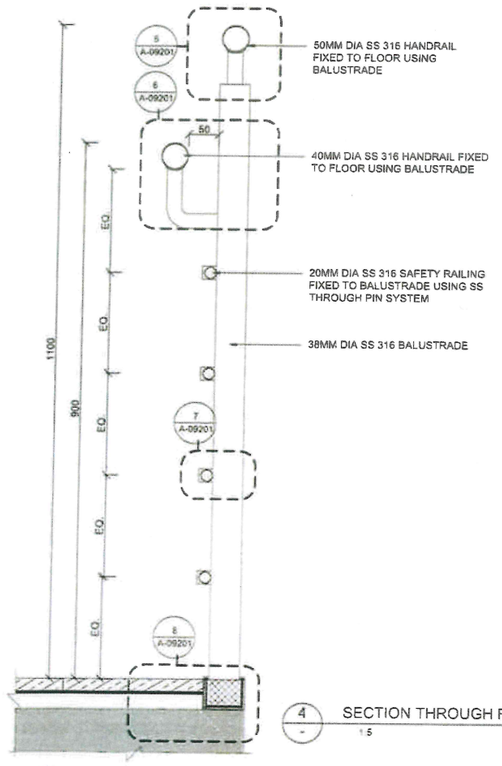


2 / - STAIR MID LANDING - FLOOR MOUNTED
1:10

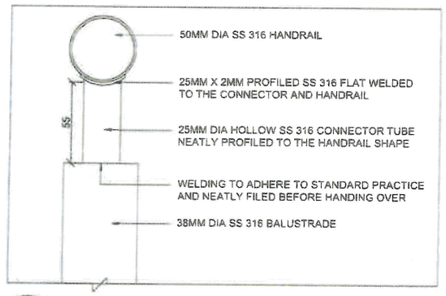
All the Public staircases from concourse to platform to be changed to glass railing with two grab rails 750mm and 1000mm and top rail at 1200mm.



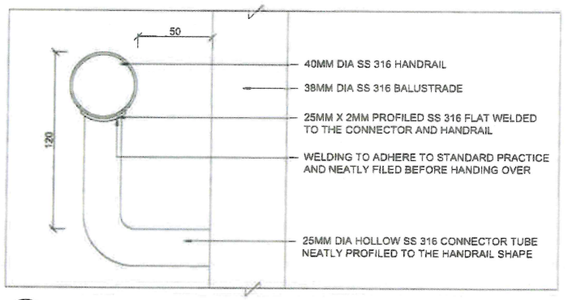
3 / - BOTTOM OF STAIR - FLOOR MOUNTED
1:10



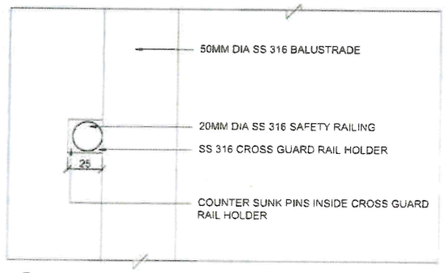
4 / - SECTION THROUGH FLOOR MOUNTED RAILING
1:5



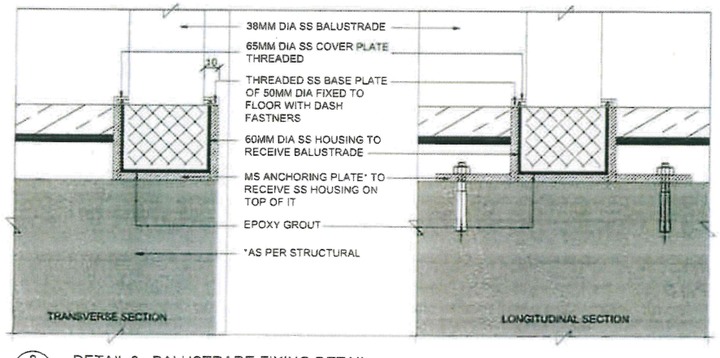
5 / - DETAIL 5
1:2



6 / - DETAIL 6 - HAND RAIL DETAIL
1:2

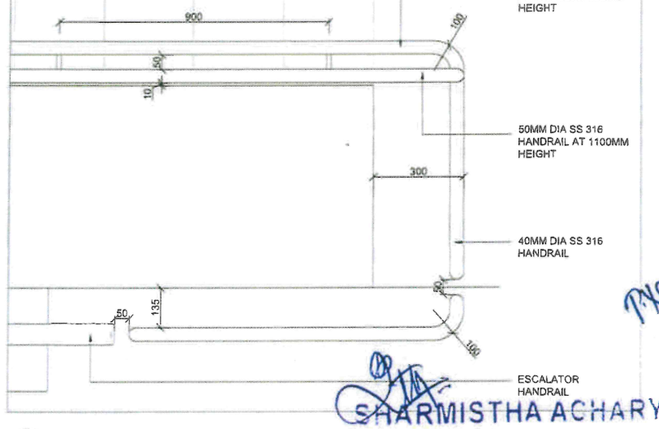


7 / - DETAIL 7 - SAFETY RAIL DETAIL
1:2



8 / - DETAIL 8 - BALUSTRADE FIXING DETAIL
1:2

NOTE : THE GAP BETWEEN TWO HORIZONTAL SS SAFETY RAILING MEMBERS SHOULD NOT EXCEED 150MM. THIS NEEDS TO BE FOLLOWED AT ALL LOCATIONS.



9 / - HANDRAIL TURNING DETAIL
1:10

*NOTE : THE CONTRACTOR TO DESIGN AND INSTALL THE HANDRAILS TO ADHERE TO THE CLAUSE B-5.5.2.1 (a) (EXCLUDES SAFETY FACTOR) PAGE 84 OF NBC 2016. THE STRUCTURAL CALCULATIONS NEEDS TO BE BACKED UP BY FEILD TESTING OF SUITABLE SITE INSTALLATIONS OR AS DIRECTED BY THE CLIENT OR CLIENT'S REPRESENTATIVE.

SHARMISTHA ACHARYA
Senior Architect
AEON Consortium, GC 2, Phase II

FOR TENDER PURPOSE ONLY

REFERENCE DRAWING / NOTES

NOTES:
1 ALL DIMENSIONS ARE IN MILLIMETERS AND ALL LEVELS ARE IN METERS
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REVISIONS

REV	DATE	BY	DESCRIPTION	CHKD	APPD
02	16.06.2025	RA	ISSUED FOR TENDER	VC	RN
01	16.06.2025	RA	ISSUED FOR TENDER	VC	RN

NO OBJECTION FROM CMRL

The design and drawings as certified and submitted by the designer have been reviewed and found checked

☐ No Objection ☐ No Objection subjected to comments as noted ☐ Revised and Resubmission Required subjected to comments as noted

CHECKED BY	REVIEWED BY	APPROVED BY	DATE

By Detail Design Consultant

DESIGNED BY	CHECKED BY	APPROVED BY	DATE
RA	VC	RN	16.06.2025

LEAD DESIGN CHECKER CERTIFICATION

DETAIL DESIGN CONSULTANT

MM | SMEC | oneworks:

PROJECT TITLE
Chennai Metro Rail Detail Design Consultancy Corridor-4,Phase-2
for the works and Services of the Detailed Design and Drawings for the Alignment Civil, Structural, Architectural, MEP, TVS, HVAC & Track Works Covering the Alignment and Underground Stations from Lighthouse to Koyambedu Flyover in Corridor-4 of phase-II of Chennai Metro Rail Project

CLIENT: CHENNAI METRO RAIL LTD.

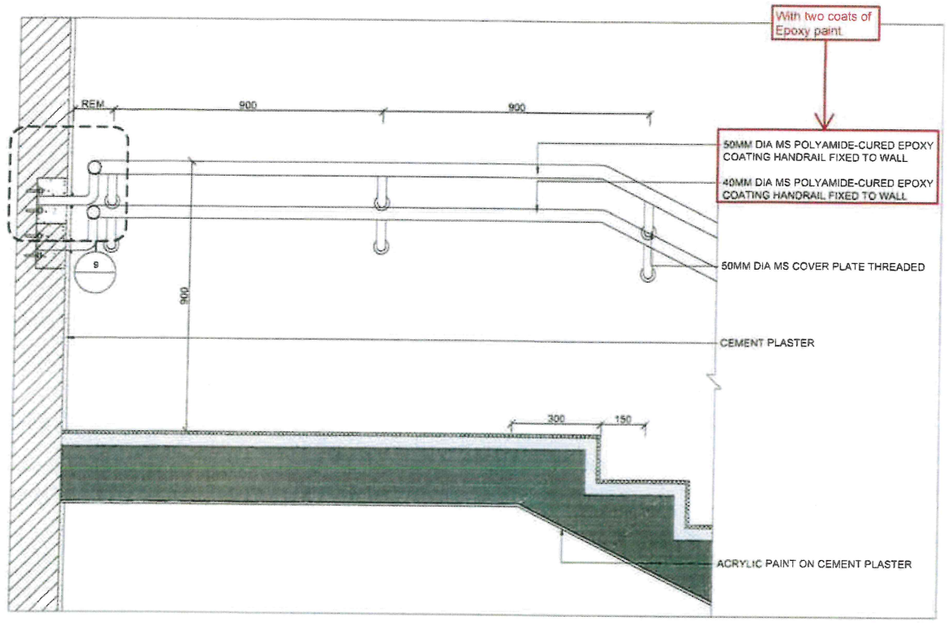
PACKAGE NO	P2C4/04

DRAWING TITLE
TYPICAL DETAIL DRAWINGS
PUBLIC STAIRCASE & HANDRAIL (FLOOR MOUNTED)
SHEET 2 OF 2

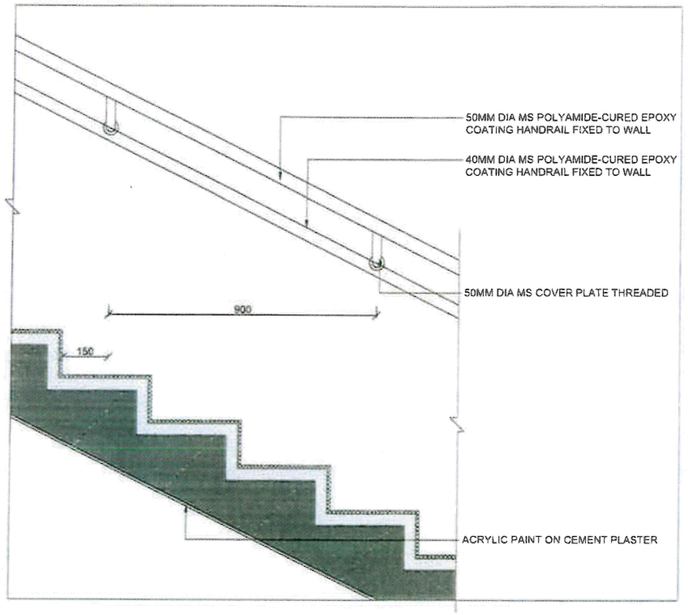
DRG ISSUE RECORD	STATUS
Concept Design	
Preliminary Design	
Definitive Design	
Construction Reference	
Good for Construction	X

DRAWING NUMBER: P20C40UG01TYP-MMSO-ARCGENDWG-00010(2)
SCALE: AS SHOWN
REV: 02

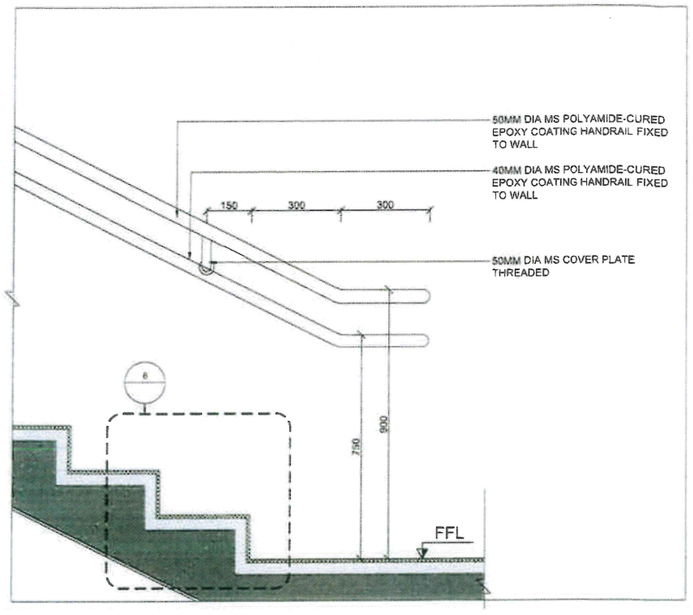
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3 - TOP OF MID LANDING
1:10

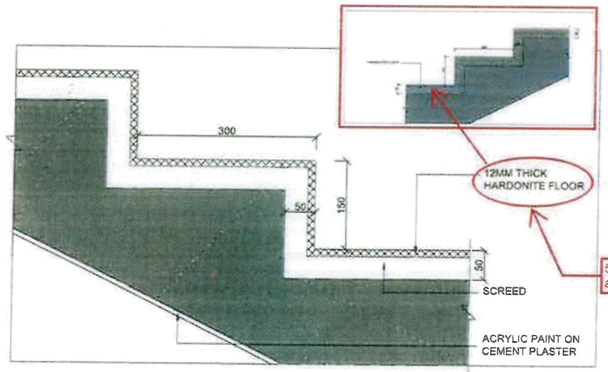


4 - FLIGHT OF STAIR
1:10

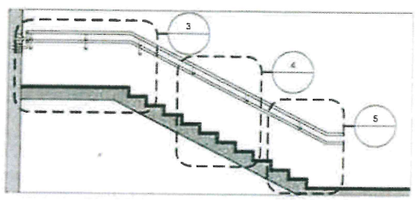


5 - BOTTOM OF STAIR
1:10

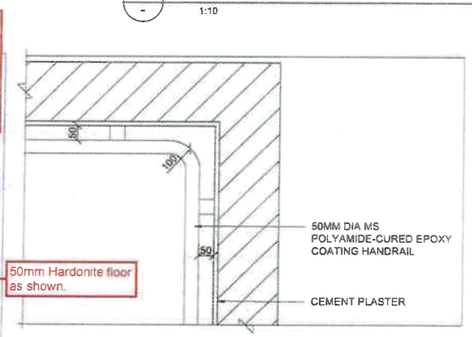
1 - TYPICAL FLOOR PLAN - EMERGENCY STAIRCASE
1:50



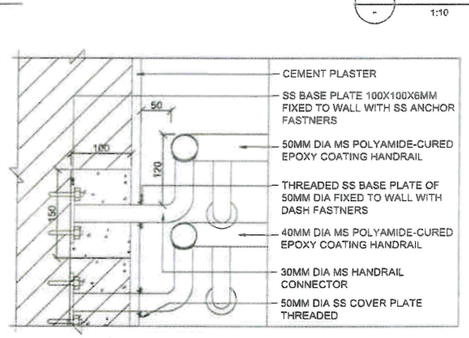
6 - DETAIL 6 - STEP DETAIL
1:5



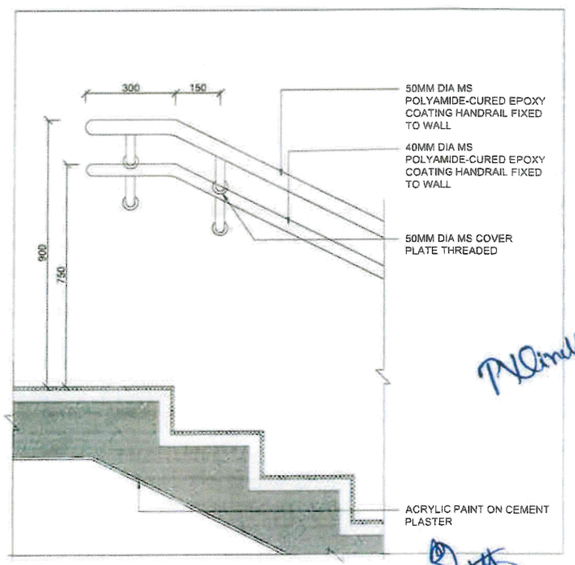
2 - SECTION 2 - EMERGENCY STAIRCASE
1:50



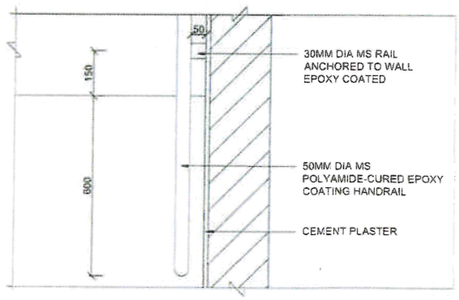
7 - DETAIL 7 - HAND RAIL TURN DETAIL
1:10



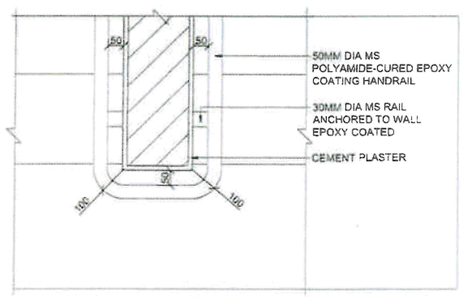
9 - DETAIL 9 - HAND RAIL WALL INSERT DETAIL
1:5



10 - SECTION 10 - TOP FLOOR LANDING OF STAIR
1:10



8 - DETAIL 8 - HAND RAIL END DETAIL
1:10



11 - HANDRAIL TURNING DETAIL
1:10

SHARMISTHA ACHARYA
Senior Architect
AEON Consortium, GC 2, Phase II

FOR TENDER PURPOSE ONLY

REFERENCE DRAWING / NOTES

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10 FOR FINISHES REFER FINISHES SCHEDULE AND TYPICAL DETAILS

REVISIONS

REV	DATE	BY	DESCRIPTION	CHKD	APPD
02	16.06.2025	RA	ISSUED FOR TENDER	VC	RN
01	16.06.2025	RA	ISSUED FOR TENDER	VC	RN

NO OBJECTION FROM CMRL

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CHECKED BY	REVIEWED BY	APPROVED BY	DATE

By Detail Design Consultant

DESIGNED BY	CHECKED BY	APPROVED BY	DATE
RA	VC	RN	16.06.2025

LEAD DESIGN CHECKER CERTIFICATION

DETAIL DESIGN CONSULTANT

MM SMEC INDIA Member of the Surbana Jurong Group oneworks:

PROJECT TITLE

Chennai Metro Rail Detail Design Consultancy Corridor-4,Phase-2

for the works and Services of the Detailed Design and Drawings for the Alignment, Civil Structural Architectural, MEP,TVS,VAC & Track Works Covering the Alignment and Underground Stations from Lighthouse to Kodambakkam Flyover in Corridor 4 of phase II of Chennai Metro Rail Project.

CLIENT CHENNAI METRO RAIL LTD.

PACKAGE NO P2C4/04

DRAWING TITLE

TYPICAL DETAIL DRAWINGS

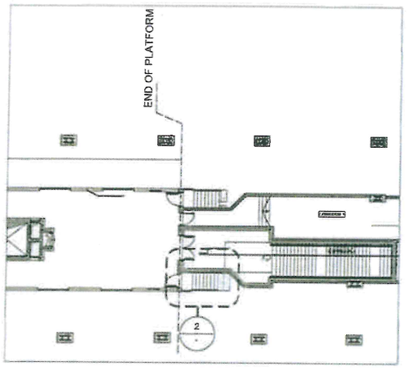
EMERGENCY & FIREMAN STAIRCASE & HANDRAIL

DRG.ISSUE RECORD	STATUS
Concept Design	
Preliminary Design	
Definitive Design	
Construction Reference	
Good for Construction	X

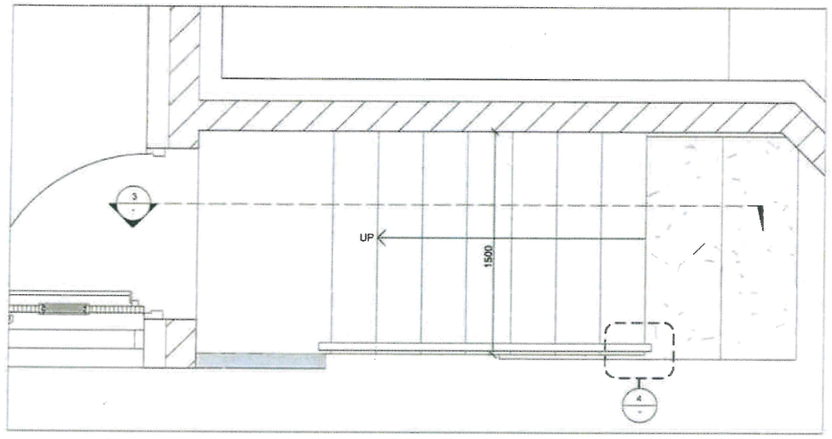
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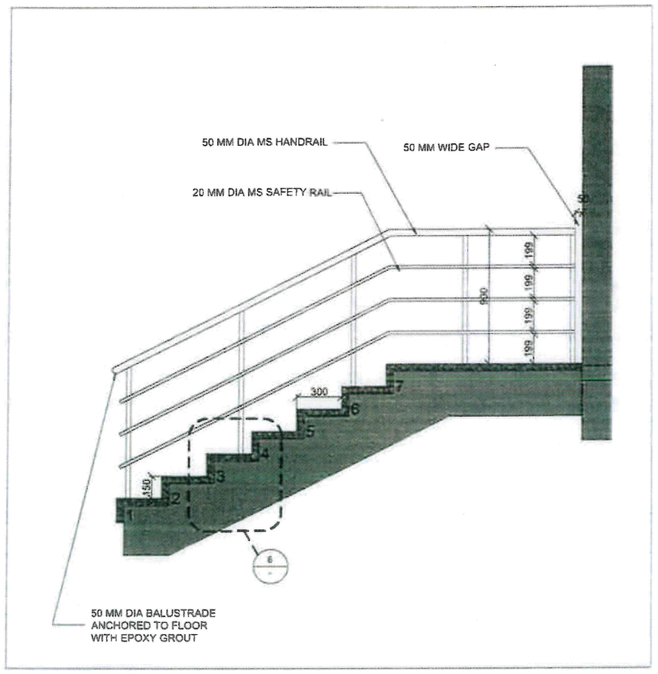
REV 02



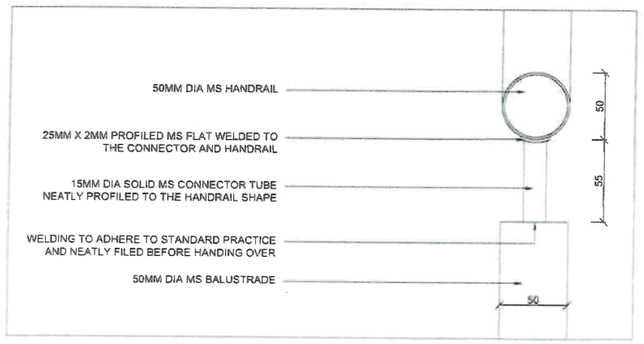
1 KEY PLAN OF TYPICAL END OF PLATFORM STAIR
SCALE: 1:250



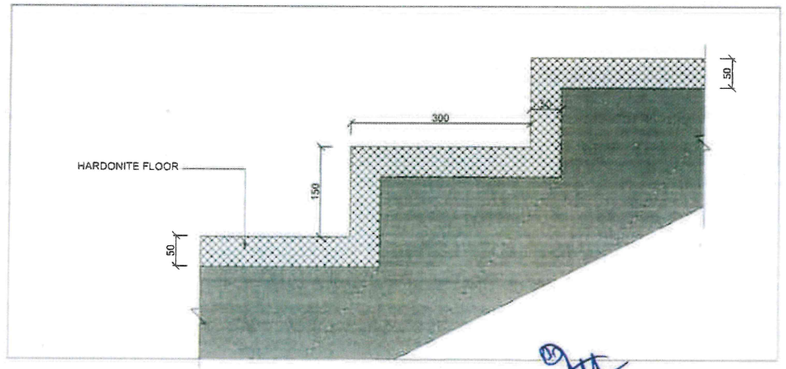
2 PLAN OF TYPICAL END OF PLATFORM STAIR
SCALE: 1:20



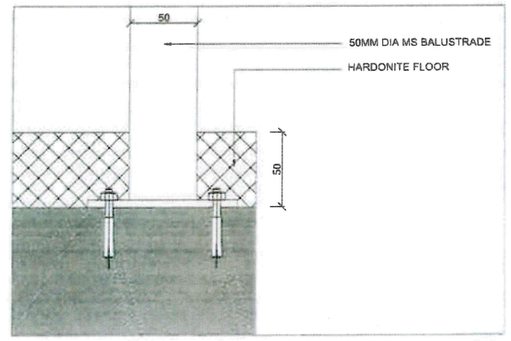
3 SECTION
SCALE: 1:20



4 DETAIL 4 - HAND RAIL DETAIL
SCALE: 1:2



5 DETAIL 5 - STEP DETAIL
SCALE: 1:5



6 DETAIL 6 - BALAUSTRADE FIXING DETAIL
SCALE: 1:2

SHARMISTHA ACHARYA
Senior Architect
AEON Consortium, GC 2, Phase II

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11 FOR CHAINAGE REFER TO ALIGMENT DRAWINGS

REVISIONS

REV	DATE	BY	DESCRIPTION	CHKD	APPD
01	16.06.2025	RA	ISSUED FOR APPROVAL	RL	RN

NO OBJECTION FROM CMRL

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CHECKED BY	REVIEWED BY	APPROVED BY	DATE

By Detail Design Consultant

DESIGNED BY	CHECKED BY	APPROVED BY	DATE
RA	VC	RN	16.06.2025

LEAD DESIGN CHECKER CERTIFICATION

DETAIL DESIGN CONSULTANT

MM SMEC INDIA Member of the Surbana Jurong Group oneworks:

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Chennai Metro Rail Detail Design Consultancy Corridor-4,Phase-2
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CLIENT CHENNAI METRO RAIL LTD.
ADMINISTRATIVE BUILDING, CMRL DEPOT, POONAMALLEE HIGH ROAD, KOYAMBEDU, CHENNAI - 600107 (INDIA)

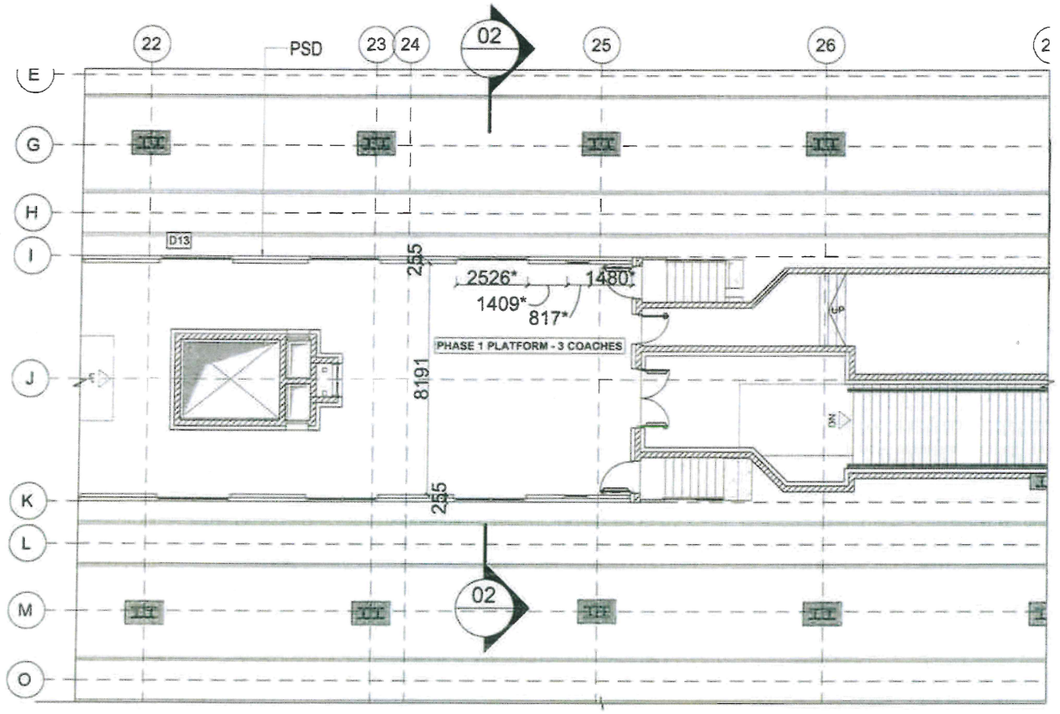
PACKAGE NO P2C4/04

DRAWING TITLE
TYPICAL DETAIL DRAWINGS
PLATFORM END STAIRCASE
LIGHTHOUSE METRO STATION

DRAWING NUMBER P20C40UG01TYP-MMSO-ARCGENDWG-00014(1)

DRG.ISSUE RECORD	STATUS
Concept Design	
Preliminary Design	
Definitive Design	!
Construction Reference	
Good for Construction	x

SCALE AS SHOWN
REV 01

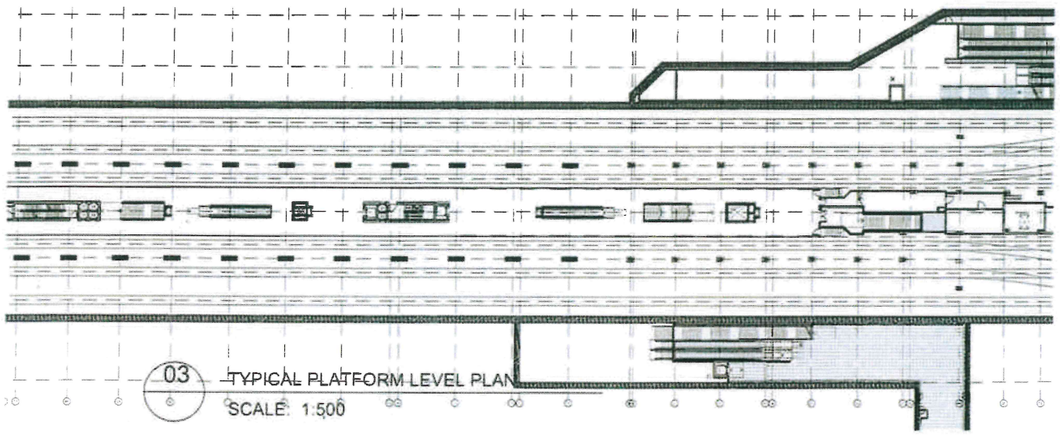


01 TYPICAL PSD SETTING OUT IN PLAN (PHASE 1 PLATFORM)

SCALE: 1:100

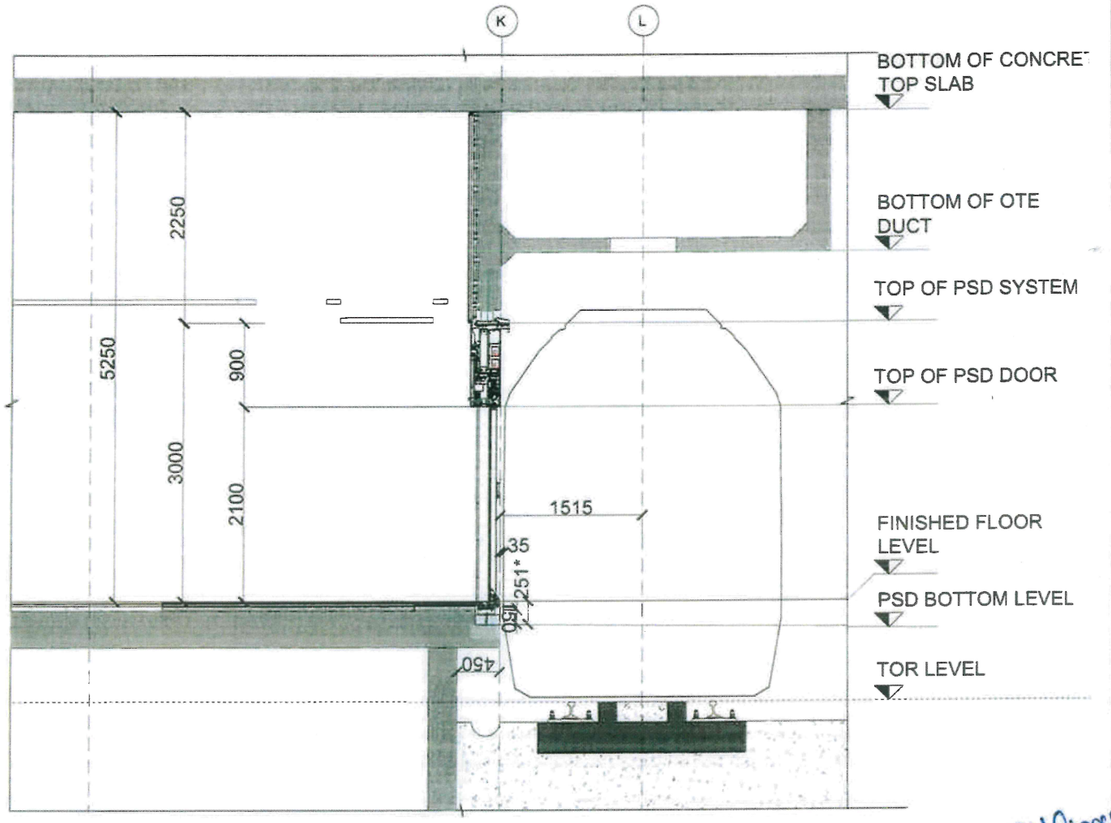
PHASE 1 PLATFORM
(3 COACHES)

PHASE 2 PLATFORM (6 COACHES)
THE PSD DOOR OF 6 COACH PORTION SHALL BE FIXED GLASS INSTEAD OF THE PSD SLIDING DOOR.



03 TYPICAL PLATFORM LEVEL PLAN

SCALE: 1:500



02 TYPICAL PSD DETAIL IN SECTION (PHASE 1 PLATFORM)

SCALE: 1:30

NOTE:
*DIMENSIONS SHOWN ARE TENTATIVE. ACTUAL DIMENSIONS AS PER VENDOR REQUIREMENT.
*ALL PSD DOOR SIZES AND POSITIONS TO BE AS PER ROLLING STOCK AND SIGNALING SYSTEM VENDORS IN COORDINATION WITH CMRL.

P.V.Sivaselvi

SHARMISTHA ACHARYA
Senior Architect
AEON Consortium GC 2, Phase II

FOR TENDER PURPOSE ONLY

REFERENCE DRAWING / NOTES

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REVISIONS

REV	DATE	BY	DESCRIPTION	CHEKD	APPD
01	16.06.2025	RA	ISSUED FOR TENDER	VC	RN

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By Detail Design Consultant

DESIGNED BY	CHECKED BY	APPROVED BY	DATE
RA	VC	RN	16.06.2025

LEAD DESIGN CHECKER CERTIFICATION

DETAIL DESIGN CONSULTANT
MM SMEC oneworks:

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CLIENT CHENNAI METRO RAIL LTD.

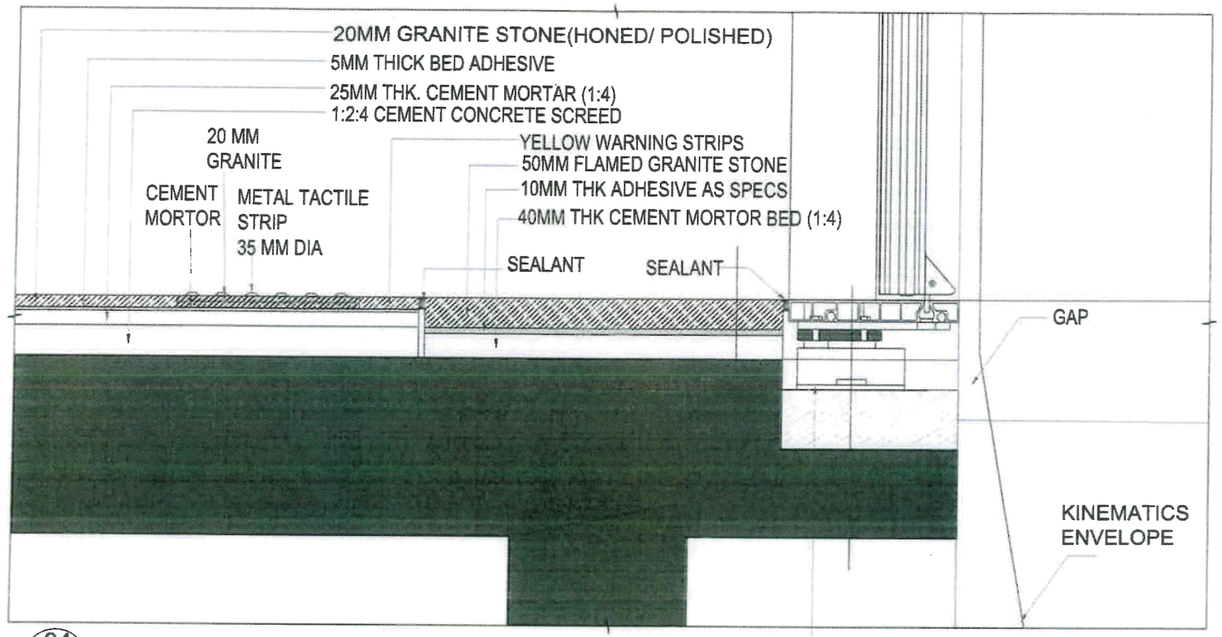
DRAWING TITLE
TYPICAL DETAILS
TYPICAL PSD DETAILS SHEET 1 OF 2

DRAWING NUMBER
P20C40UG01TYP-MMSO-ARCGENDWG-00017(1)

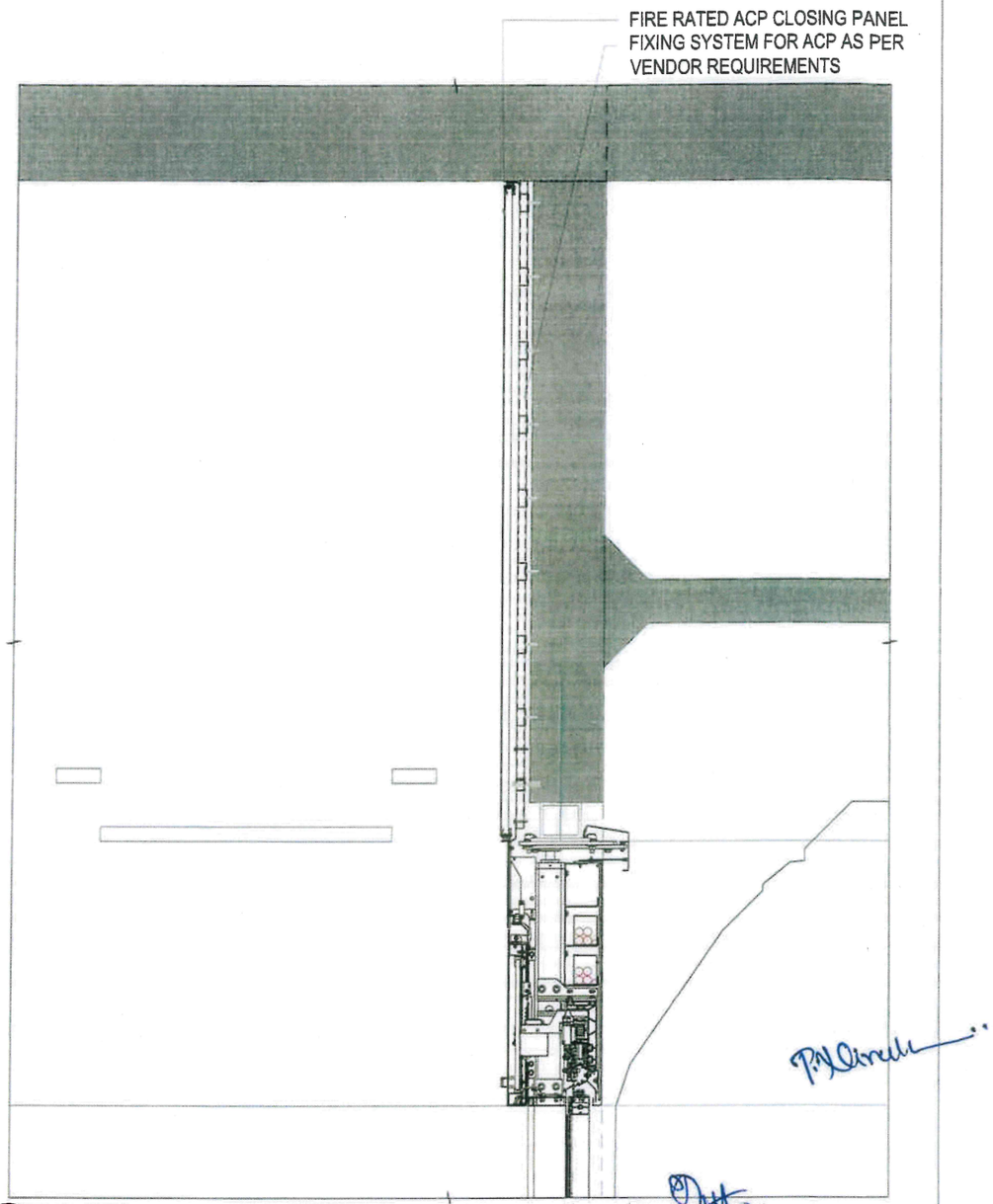
PACKAGE NO P2C4/04

DRG ISSUE RECORD	STATUS
Concept Design	
Preliminary Design	
Definitive Design	
Construction Reference	
Good for Construction	x

SCALE: VARIES
REV: 01



04 TYPICAL PSD BOTTOM INTERFACE (PHASE 1 PLATFORM)
SCALE: 1:5



05 TYPICAL PSD TOP INTERFACE (PHASE 1 PLATFORM)
SCALE: 1:5

SHARMISTHA ACHARYA
Senior Architect
AEON Consortium JC 2, Phase II

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By Detail Design Consultant

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LEAD DESIGN CHECKER CERTIFICATION

DETAIL DESIGN CONSULTANT
MM SMEC oneworks:

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CLIENT CHENNAI METRO RAIL LTD.

DRAWING TITLE
TYPICAL DETAILS
TYPICAL PSD DETAILS SHEET 2 OF 2

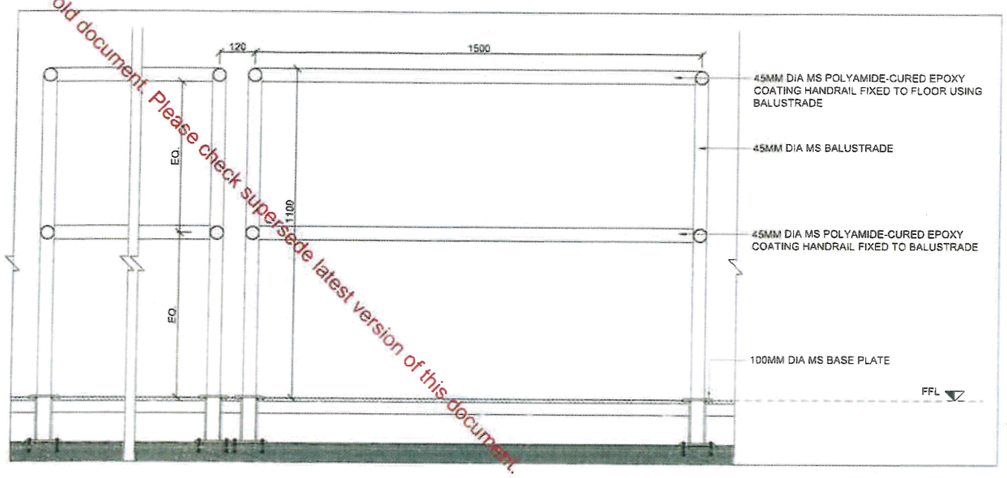
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P20C40UG01TYP-MMSO-ARCGENDWG-00018(1)

PACKAGE NO P2C4/04

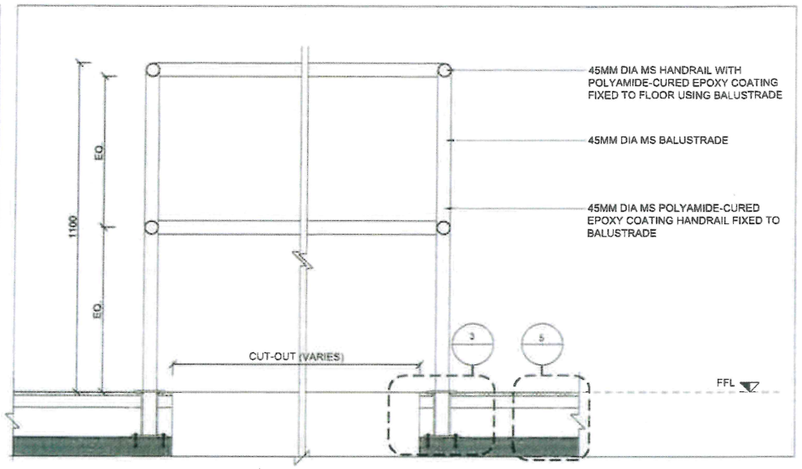
DRG ISSUE RECORD	STATUS
Concept Design	
Preliminary Design	
Definitive Design	
Construction Reference	
Good for Construction	x

SCALE VARIES
REV 01

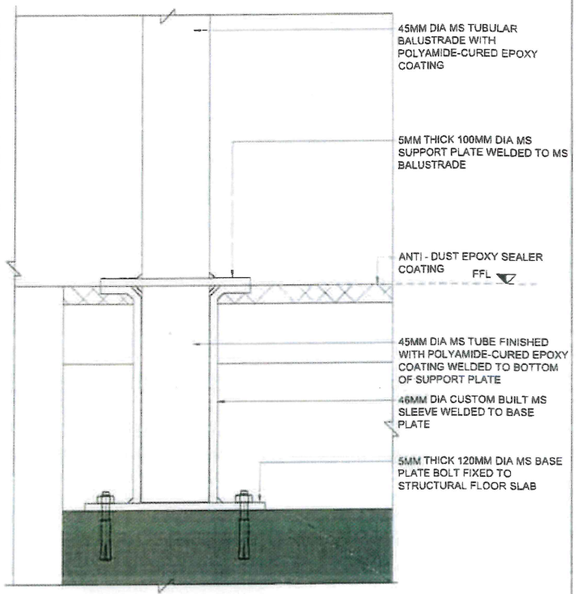
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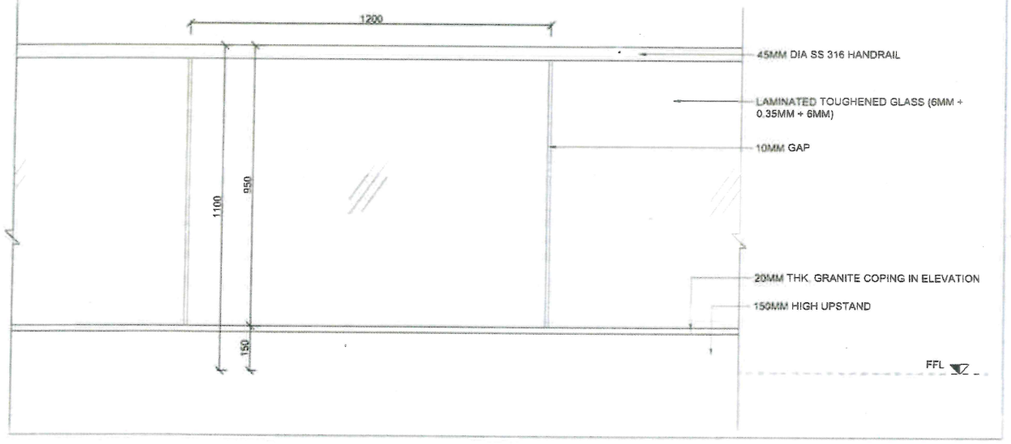
1 - ELEVATION - RAILING AROUND CUT-OUTS IN BOH
1:10



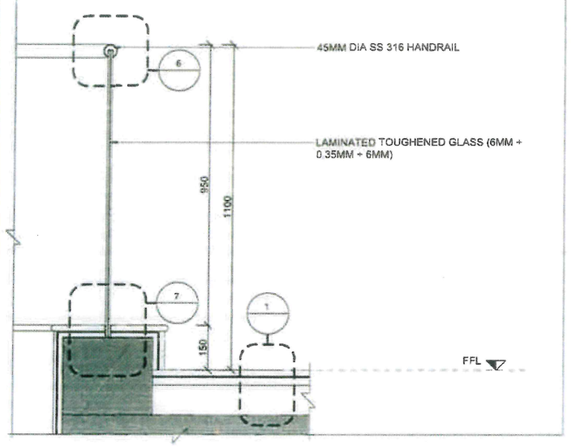
2 - SECTION - RAILING AROUND CUT-OUTS IN BOH
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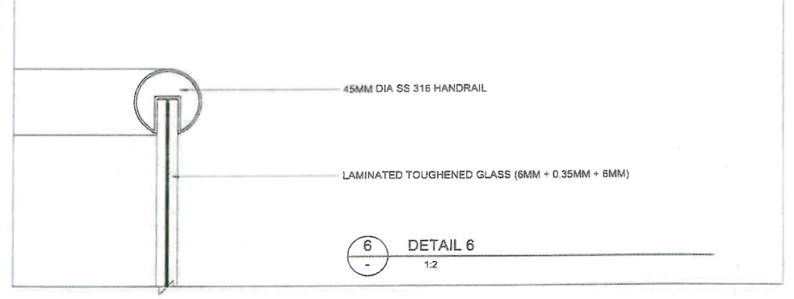
3 - DETAIL 3 - BALUSTRADE FIXING DETAIL
1:2



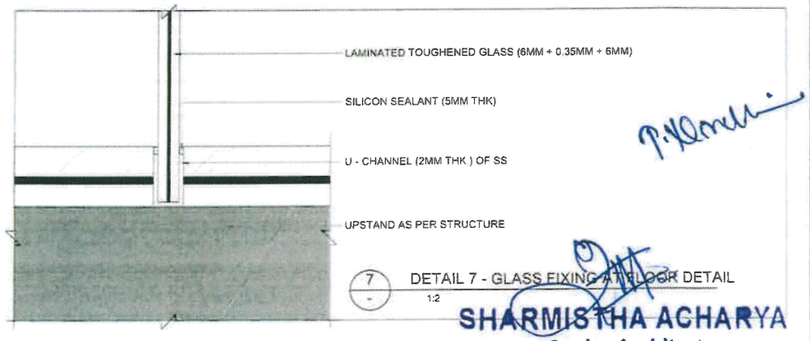
4 - ELEVATION - GLASS RAILING AROUND STAIRWELL
1:10



5 - SECTION - GLASS RAILING AROUND STAIRWELL
1:10



6 - DETAIL 6
1:2



7 - DETAIL 7 - GLASS FIXING AT FLOOR DETAIL
1:2

SHARMISTHA ACHARYA
Senior Architect
AEON Consortium JC 2, Phase II

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REVISIONS

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01	06.03.2025	RA	ISSUED FOR APPROVAL	VC	RN

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By Detail Design Consultant

DESIGNED BY	CHECKED BY	APPROVED BY	DATE
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LEAD DESIGN CHECKER CERTIFICATION

DETAIL DESIGN CONSULTANT

MM SMEC ONEWORKS

PROJECT TITLE

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CLIENT CHENNAI METRO RAIL LTD.

PACKAGE NO P2C4/04

DRAWING TITLE

TYPICAL DETAIL DRAWINGS

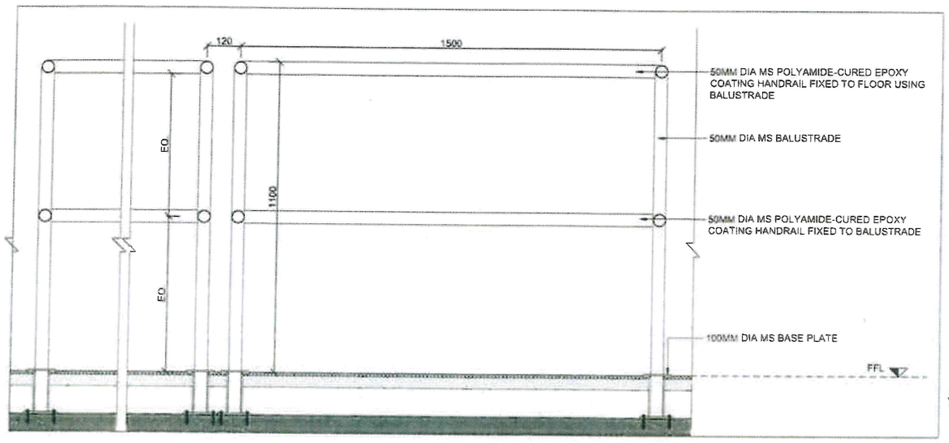
TYPICAL RAILING DETAILS

DRG ISSUE RECORD	STATUS
Concept Design	
Preliminary Design	
Definitive Design	
Construction Reference	
Good for Construction	X

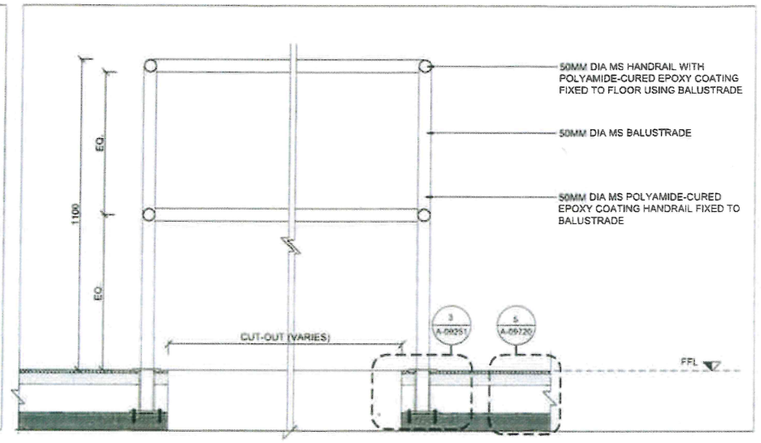
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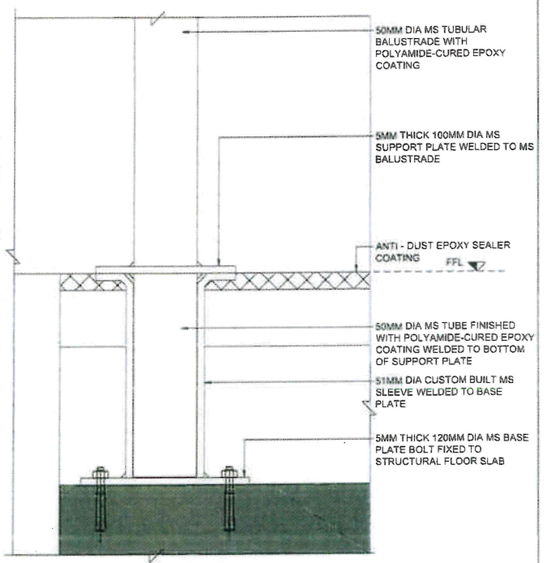
REV 01



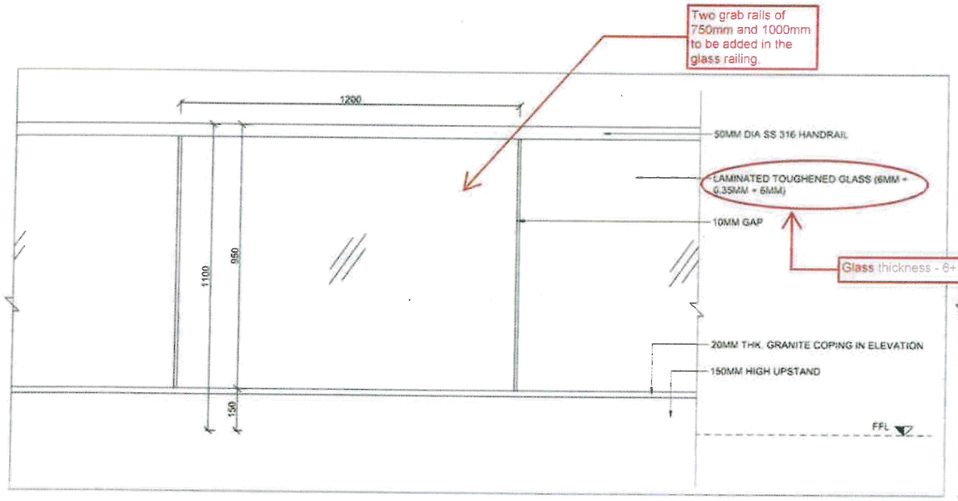
1 — ELEVATION - RAILING AROUND CUT-OUTS IN BOH
1:10



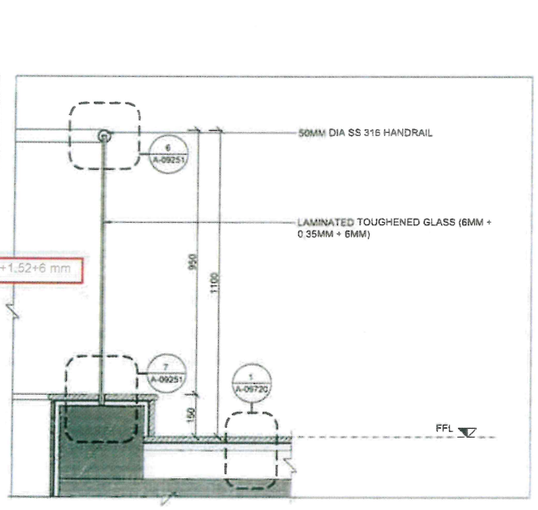
2 — SECTION - RAILING AROUND CUT-OUTS IN BOH
1:10



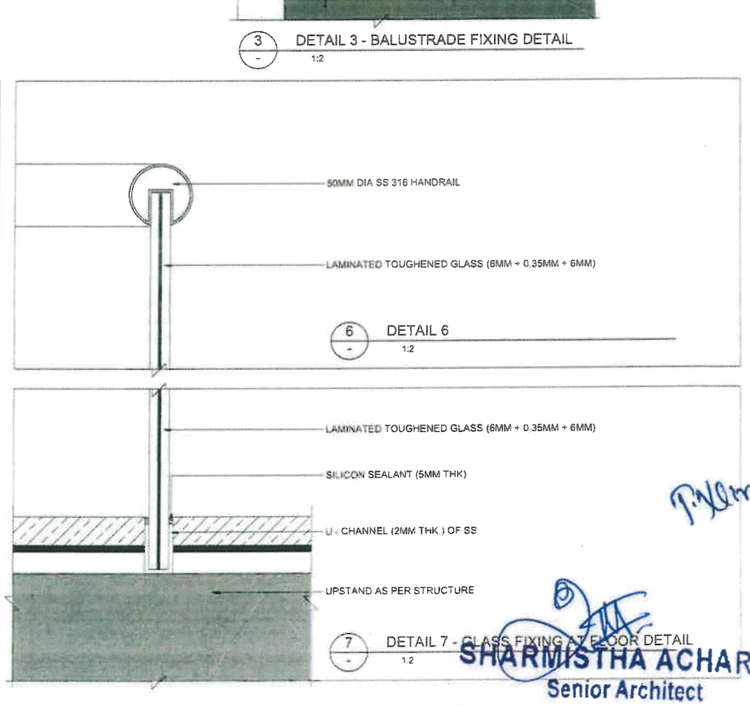
3 — DETAIL 3 - BALUSTRADE FIXING DETAIL
1:2



4 — ELEVATION - GLASS RAILING AROUND STAIRWELL
1:10



5 — SECTION - GLASS RAILING AROUND STAIRWELL
1:10



6 — DETAIL 6
1:2

7 — DETAIL 7 - GLASS FIXING AT FLOOR DETAIL
1:2

SHARMISTHA ACHARYA
Senior Architect
AEON Consortium, JC 2, Phase II

FOR TENDER PURPOSE ONLY

REFERENCE DRAWING / NOTES

NOTES:
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9. PSD DOORS DESIGN AND TRAIN DESIGN TO BE CONFIRM BY CLIENT BASED ON SUPPLIER INFORMATION
10. FOR FINISHES REFER FINISHES SCHEDULE AND TYPICAL DETAILS

REVISIONS

REV	DATE	BY	DESCRIPTION	CHKD	APPD
02	16.06.2025	RA	ISSUED FOR TENDER	VC	RN
01	16.06.2025	RA	ISSUED FOR TENDER	VC	RN

NO OBJECTION FROM CMRL

The design and drawings as certified and submitted by the designer have been reviewed and given checked

☐ No Objection ☐ No Objection subjected to comments as noted ☐ Revision and Resubmission Required subjected to comments as noted

CHECKED BY	REVIEWED BY	APPROVED BY	DATE

By Detail Design Consultant

DESIGNED BY	CHECKED BY	APPROVED BY	DATE
RA	VC	RN	16.06.2025

LEAD DESIGN CHECKER CERTIFICATION

DETAIL DESIGN CONSULTANT

MM SMEC oneworks:

PROJECT TITLE

Chennai Metro Rail Detail Design Consultancy Corridor-4,Phase-2

for the works and Services of the Detailed Design and Drawings for the Alignment, Civil Structural, Architectural, MEP, TVS, VAC & Track Works Covering the Augments and Underground Stations from Lighthouse to Kodambakkam Flyover in Corridor 4 of phase II of Chennai Metro Rail Project

CLIENT: CHENNAI METRO RAIL LTD.
ADMINISTRATIVE BUILDING, CMRL DEPOT, POONAMALLEE HIGH ROAD, KOYAMBEDU, CHENNAI - 600107 (INDIA)

PACKAGE NO: P2C4/04

DRAWING TITLE: TYPICAL DETAIL DRAWINGS
RAILINGS

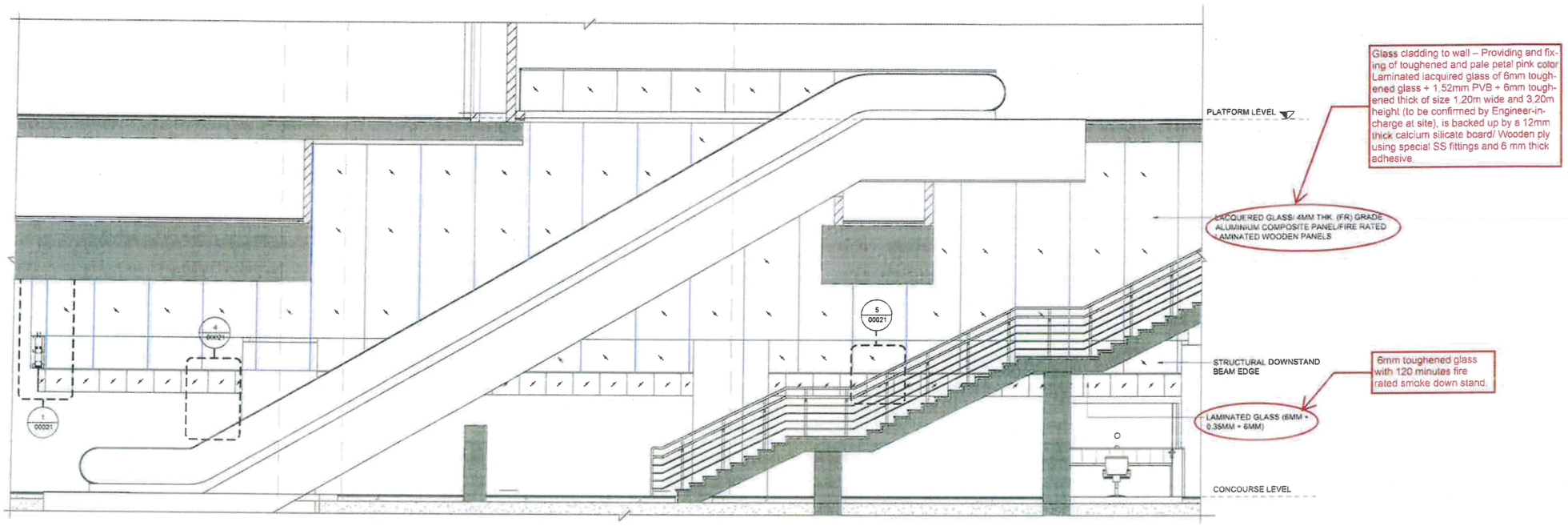
DRG ISSUE RECORD	STATUS
Concept Design	
Preliminary Design	
Definitive Design	
Construction Reference	
Good for Construction	X

DRAWING NUMBER: P20C40UG01TYP-MMSO-ARCGENDWG-00019(2)

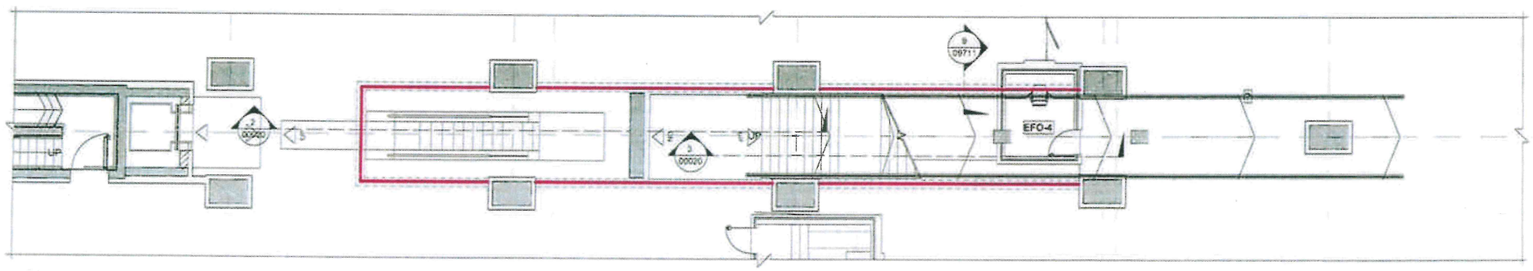
SCALE: AS SHOWN

REV: 02

NOTE: ALL PROPRIETARY FIXING SYSTEMS PROVIDED BY VENDOR SHALL BE CLASS A FIRE RATED



2 / - TYPICAL LONG SECTION THROUGH PUBLIC STAIRCASE AND ESCALATOR
1:50



1 / - TYPICAL FLOOR PLAN - PUBLIC STAIRCASE, ESCALATOR & SMOKE DOWNSTAND
1:100

P.Kumar

SHARMISTHA ACHARYA
Senior Architect
AEON Consortium JC 2, Phase II

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REVISIONS

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01	16.06.2025	RA	ISSUED FOR TENDER	VC	RN

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CHECKED BY	REVIEWED BY	APPROVED BY	DATE

By Detail Design Consultant

DESIGNED BY	CHECKED BY	APPROVED BY	DATE
RA	VC	RN	16.06.2025

LEAD DESIGN CHECKER CERTIFICATION

DETAIL DESIGN CONSULTANT
MM SMEC INDIA Member of the Sumitomo Jurong Group oneworks:

PROJECT TITLE
Chennai Metro Rail Detail Design Consultancy Corridor-4,Phase-2
for the works and Services of the Detailed Design and Drawings for the Alignment, Civil Structural,Architectural, MEP, TVS, HVAC & Track Works, Covering the Alignment and Underground Stations from Lighthouse to Kodambakkam Flyover in Corridor 4 of phase-II of Chennai Metro Rail Project.

CLIENT CHENNAI METRO RAIL LTD.

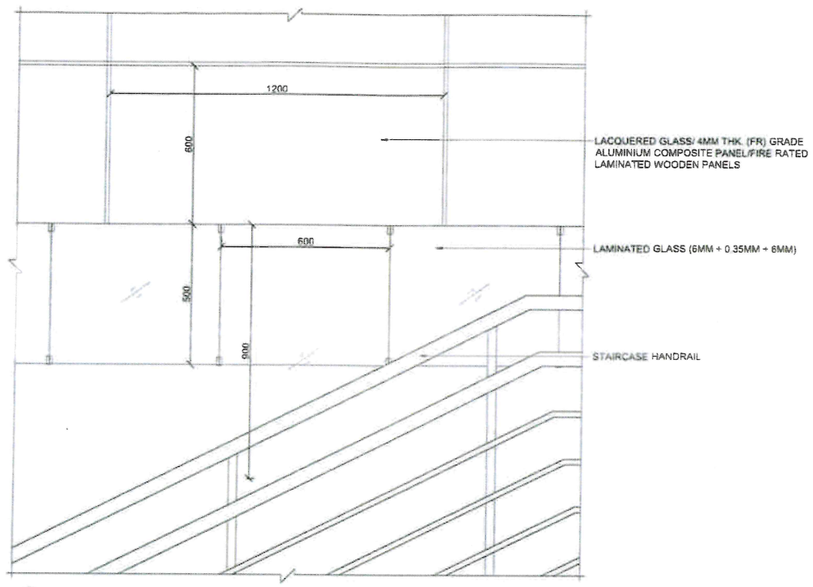
DRAWING TITLE
TYPICAL DETAIL DRAWINGS
SMOKE CURTAIN DOWNSTAND
SHEET 1 OF 2

DRAWING NUMBER
P20C40UG01TYP-MMSO-ARCGENDWG-00020(1)

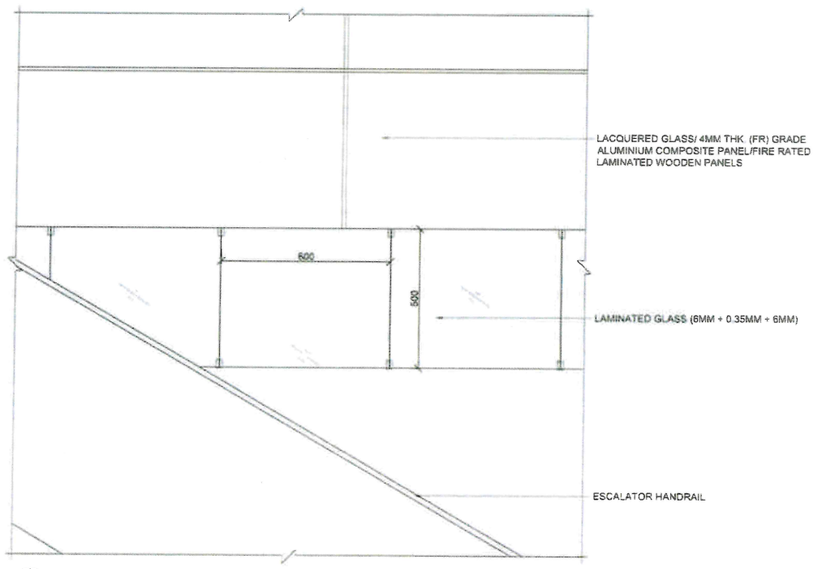
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DRG ISSUE RECORD	STATUS
Concept Design	
Preliminary Design	
Definitive Design	
Construction Reference	
Good for Construction	x

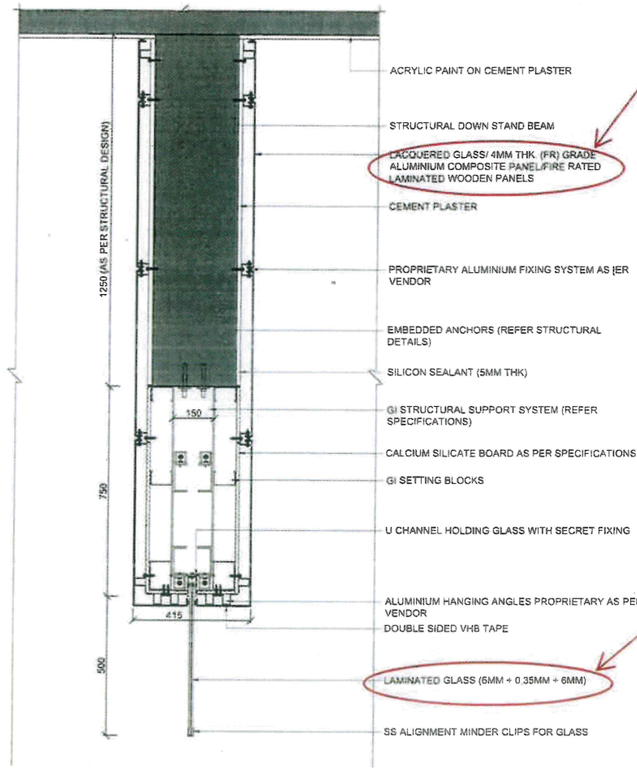
SCALE AS SHOWN
REV 01



5 - TYPICAL WEDGING DETAIL AT STAIRCASE
1:10



4 - TYPICAL WEDGING DETAIL AT ESCALATOR
1:10



1 - TYPICAL SMOKE DOWNSTAND
1:10

NOTE: ALL PROPRIETARY FIXING SYSTEMS PROVIDED BY VENDOR SHALL BE CLASS A FIRE RATED

SHARMISTHA ACHARYA
Senior Architect
AEON Consortium - C 2, Phase II

FOR TENDER PURPOSE ONLY

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REVISIONS

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01	16.06.2025	RA	ISSUED FOR TENDER	VC	RN

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CHECKED BY	REVIEWED BY	APPROVED BY	DATE

By Detail Design Consultant

DESIGNED BY	CHECKED BY	APPROVED BY	DATE
RA	VC	RN	16.06.2025

LEAD DESIGN CHECKER CERTIFICATION

DETAIL DESIGN CONSULTANT
MM SMEC Member of the Surbana Jurong Group oneworks:

PROJECT TITLE
Chennai Metro Rail Detail Design Consultancy Corridor-4,Phase-2

For the scope and Services of the Detailed Design and Drawings for the Alignment, Civil,Structural,Architectural, MEP,TVS, HVAC & Train Wayside Covering the Alignment and Underground Stations from Lighthouse to Kilambakkam Flyover in Corridor 4 of phase-II of Chennai Metro Rail Project.

CLIENT CHENNAI METRO RAIL LTD.
ADMINISTRATIVE BUILDING, CMRL DEPOT, PUDHUPALLAVU MEDU ROAD, KOYAMBEDU, CHENNAI - 600107 (INDIA)

PACKAGE NO P2C4/04

DRAWING TITLE
TYPICAL DETAIL DRAWINGS
SMOKE CURTAIN DOWNSTAND DETAIL
SHEET 2 OF 2

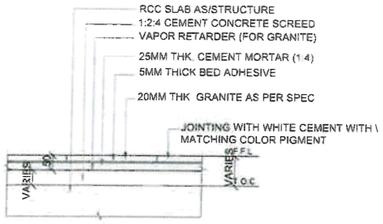
DRG ISSUE RECORD	STATUS
Concept Design	
Preliminary Design	
Definitive Design	
Construction Reference	
Good for Construction	x

DRAWING NUMBER P20C40UG01TYP-MMSO-ARCGENDWG-00021(1)

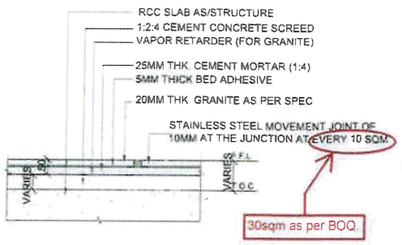
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REV 01

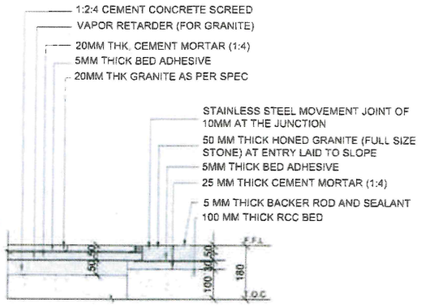
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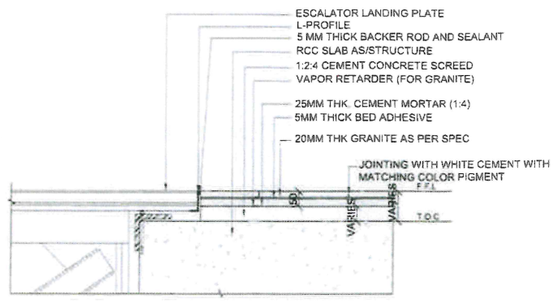
01 GRANITE FLOORING
SCALE: 1:10



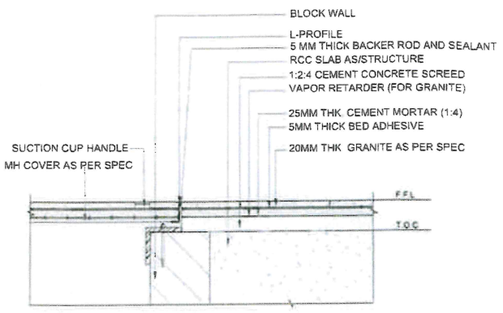
02 STAINLESS STEEL MOVEMENT JOINT
SCALE: 1:10



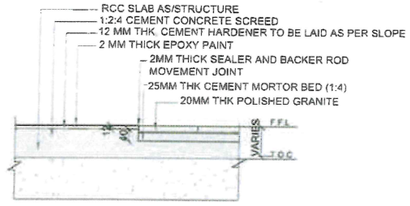
03 JUNCTION OF GRANITE TO HONED GRANITE
SCALE: 1:10



04 JUNCTION OF GRANITE WITH ESCALATOR
SCALE: 1:10

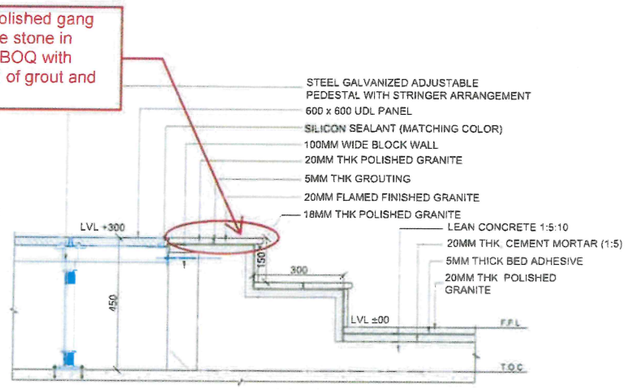


05 MANHOLE COVER DETAILS
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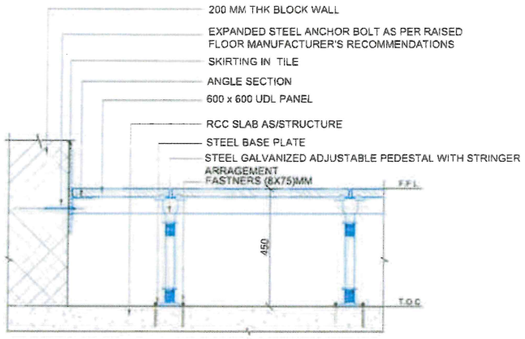


06 INTERFACE BETWEEN GRANITE WITH CEMENT FLOORING WITH HARDENER
SCALE: 1:10

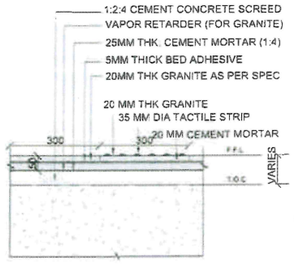
30 mm thick Polished gang saw cut Granite stone in Treads as per BOQ with groove instead of grout and sealant.



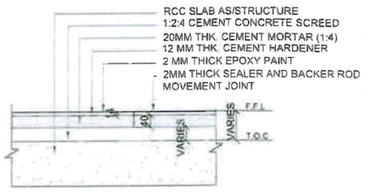
07 RAISED ACCESS FLOOR STEPS
SCALE: 1:10



08 RAISED ACCESS FLOOR DETAILS
SCALE: 1:10

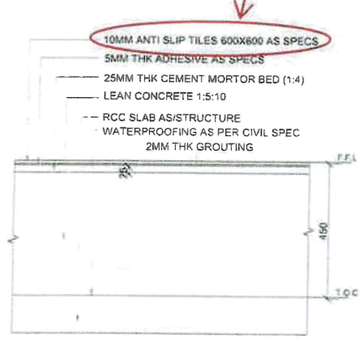


09 TACTILE / WARNING TILE ON FLOORING
SCALE: 1:10

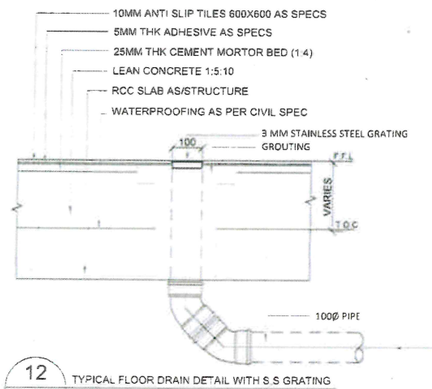


10 CC FLOORING WITH CONCRETE HARDENER TOPPING
SCALE: 1:10

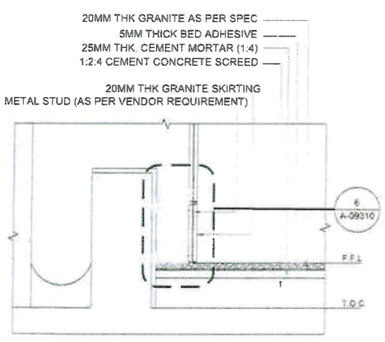
10mm thick, double charged, vitrified floor tiles 600 X 600 mm



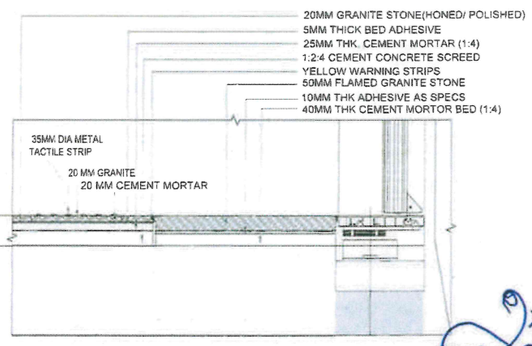
11 ANTI SLIP TILE FLOORING
SCALE: 1:10



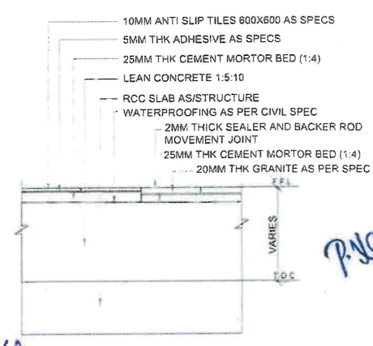
12 TYPICAL FLOOR DRAIN DETAIL WITH S.S GRATING
SCALE: 1:10



13 SKIRTING DETAIL FOR EQ/GLASS WALL CLADDING
SCALE: 1:10



14 PLATFORM EDGE DETAIL
SCALE: 1:10



15 INTERFACE BETWEEN GRANITE AND TILES
SCALE: 1:10

SHARMISTHA ACHARYA
Senior Architect
AEON Consortium, GC 2, Phase II

FOR TENDER PURPOSE ONLY

REFERENCE DRAWING / NOTES

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REVISIONS

REV	DATE	BY	DESCRIPTION	CHEKD	APPD
01	16.06.2025	RA	ISSUED FOR TENDER	VC	RN

NO OBJECTION FROM CMRL
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CHECKED BY	REVIEWED BY	APPROVED BY	DATE

By Detail Design Consultant

DESIGNED BY	CHECKED BY	APPROVED BY	DATE
RA	VC	RN	16.06.2025

LEAD DESIGN CHECKER CERTIFICATION

DETAIL DESIGN CONSULTANT
MM SMEC oneworks:

PROJECT TITLE
Chennai Metro Rail Detail Design Consultancy Corridor-4, Phase-2
for the works and Services of the Detailed Design and Drawings for the Alignment, Civil Structural Architectural, MEP, TVS, VAC & Track Works Covering the Alignment and Underground Metro Stations from Lighthouse to Kodambakkam Flyover in Corridor-4 of Phase-II of Chennai Metro Rail Project.

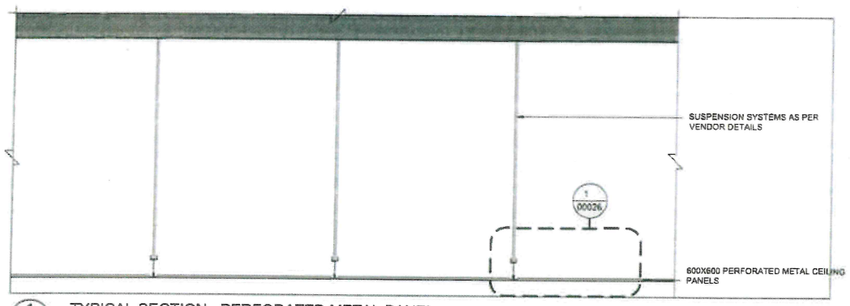
CLIENT: CHENNAI METRO RAIL LTD.
ADMINISTRATIVE BUILDING, CMRL DEPOT, POONAMALLEE HIGH ROAD, KOYAMBEDU, CHENNAI - 600107 (INDIA)

PACKAGE NO: P2C4/04

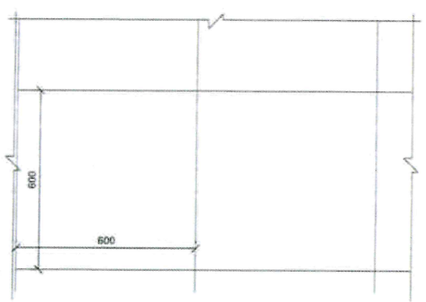
DRAWING TITLE
TYPICAL DETAILS
TYPICAL FLOOR DETAIL

DRG ISSUE RECORD	STATUS
Concept Design	
Preliminary Design	
Definitive Design	
Construction Reference	
Good for Construction	x

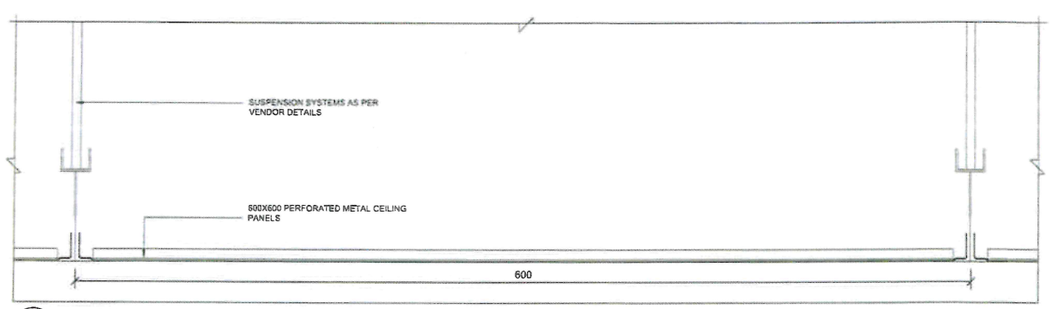
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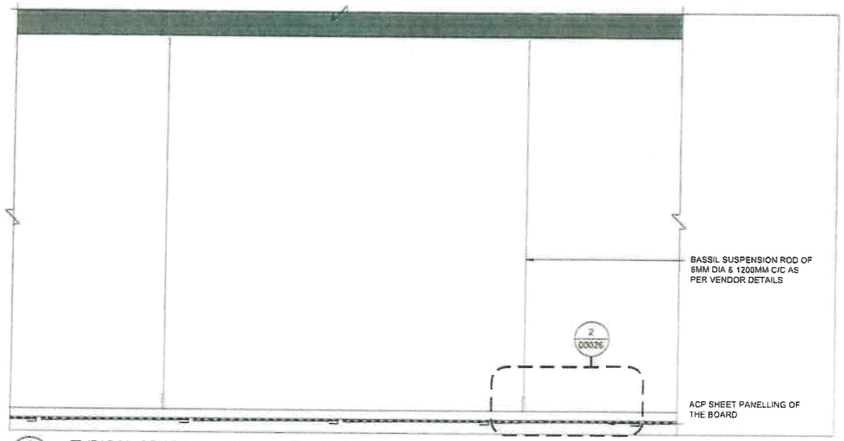
1 - TYPICAL SECTION - PERFORATED METAL PANEL
1:10



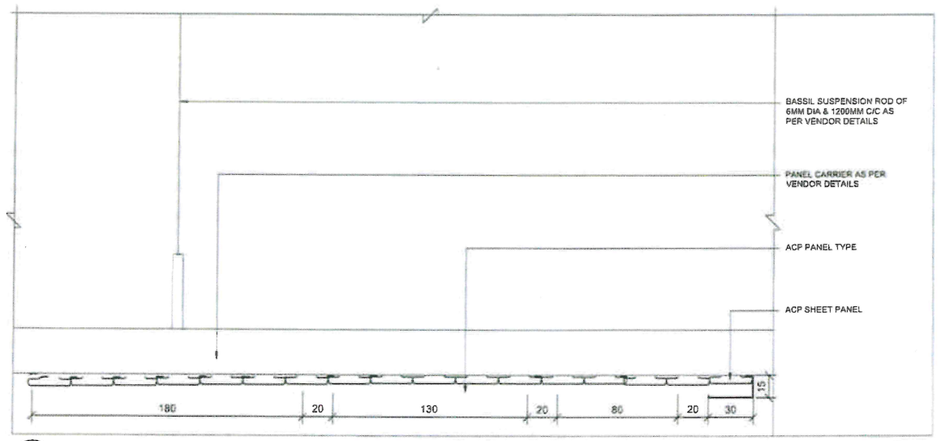
2 - TYPICAL PLAN - PERFORATED METAL PANEL
1:10



3 - DETAIL-1
1:2



4 - TYPICAL SECTION - ACP PANEL - BASSIL SUSPENSION
1:10



5 - DETAIL-2
1:2

P.Varadhi

SHARMISTHA ACHARYA
Senior Architect
AEON Consortium. GC 2, Phase II

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9 PED DOORS DESIGN AND TRAIN DESIGN TO BE CONFIRM BY CLIENT BASED ON SUPPLIER INFORMATION
10 FOR FINISHES REFER FINISHES SCHEDULE AND TYPICAL DETAILS

REVISIONS

REV	DATE	BY	DESCRIPTION	CHKD	APPD
01	16.06.2025	RA	ISSUED FOR TENDER	VC	RN

NO OBJECTION FROM CMRL

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CHECKED BY	REVIEWED BY	APPROVED BY	DATE

By Detail Design Consultant

DESIGNED BY	CHECKED BY	APPROVED BY	DATE
RA	VC	RN	16.06.2025

LEAD DESIGN CHECKER CERTIFICATION

DETAIL DESIGN CONSULTANT

MM SMEC INDIA A Member of the Surbana Jurong Group oneworks:

PROJECT TITLE

Chennai Metro Rail Detail Design Consultancy Corridor-4,Phase-2

for the works and Services of the Detailed Design and Drawings for the Alignment, Civil Structural Architecture MEP TVS,VAC & Track Works Covering the Alignment and Underground Stations from Lighthouse to Kodambakkam Flyover in Corridor 4 of phase II of Chennai Metro Rail Project.

CLIENT CHENNAI METRO RAIL LTD.
ADMINISTRATIVE BUILDING, CMRL DEPOT, POONAMALLEE HIGH ROAD, KOTTAMBEDU, CHENNAI, (TAMIL NADU)

PACKAGE NO P2C4/04

DRAWING TITLE
TYPICAL DETAIL DRAWINGS
SUSPENDED CEILING

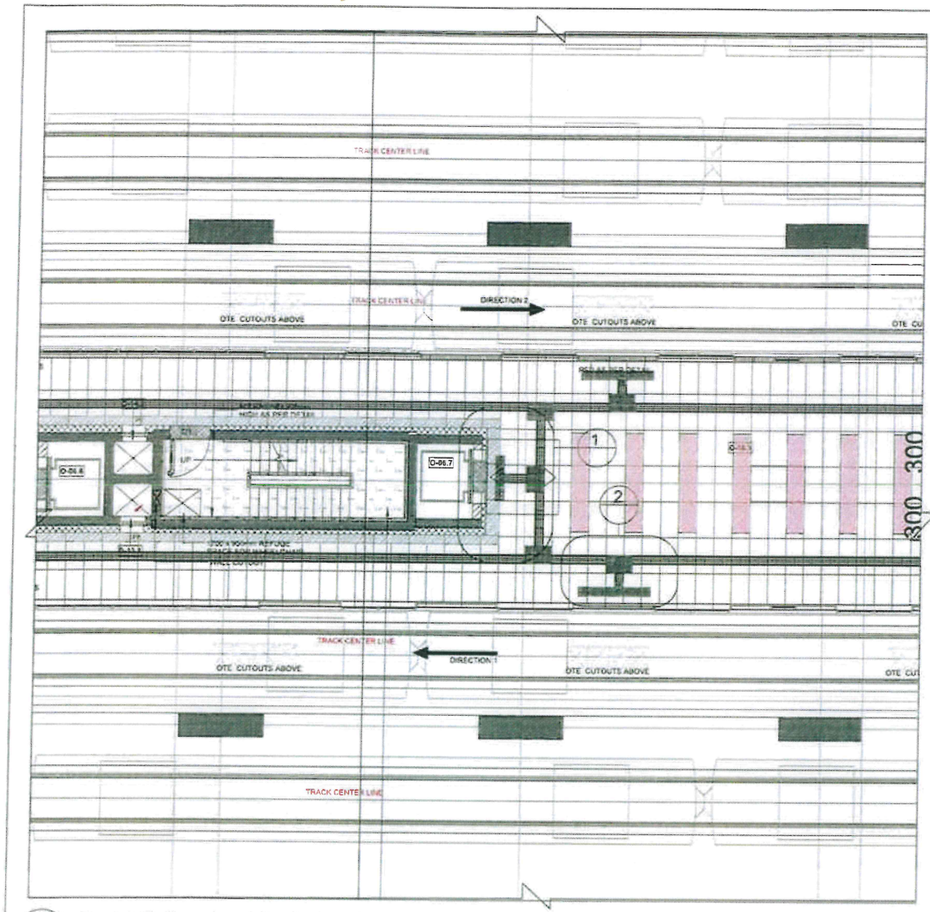
DRG.ISSUE RECORD	STATUS
Concept Design	
Preliminary Design	
Definitive Design	
Construction Reference	
Good for Construction	x

DRAWING NUMBER P20C40UG01TYP-MMSO-ARCGENDWG-00026(1)

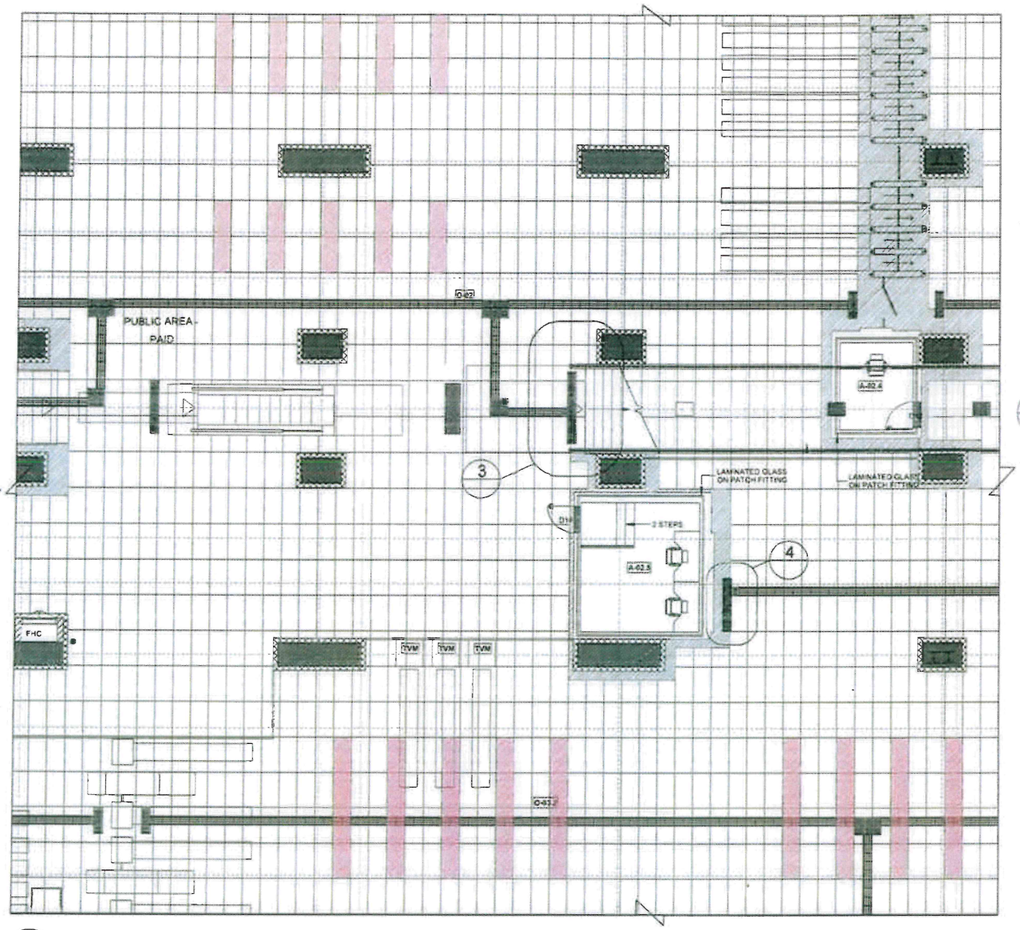
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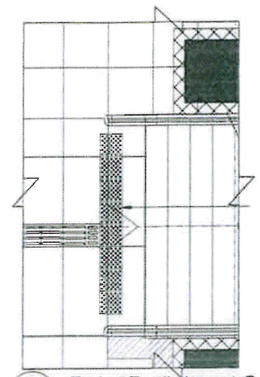
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A Typical Platform Level Tactile Layout
SCALE 1:100



B Typical Concourse Level Tactile Layout
SCALE 1:100



Stainless Steel Shanked Tactile Warning with Raised Dots of Nominal 35mm Diameter at Base with yellow anti-slip resin inserts

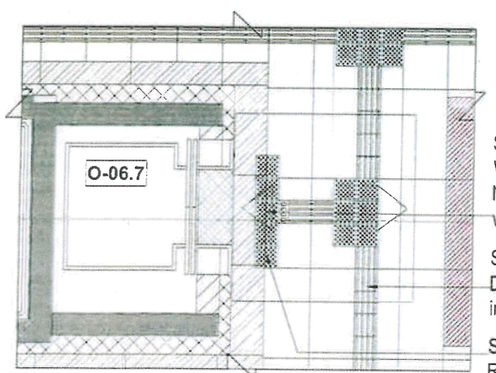
3 Typical Tactile Layout @ Staircase
SCALE 1:25

Tactile Indicators – Stainless Steel Plates for Warning and Directional Guidance
Supplying and fixing of stainless steel tactile plates for both warning and directional indicators, made of Grade AISI 316 stainless steel.

The raised domes for warning indicators shall have a height of 5 mm and diameter of approximately 35 mm.

The longitudinal bars for directional indicators shall have a height of 5 mm, with a width of 30 mm and spaced as per standards to ensure tactile recognition.

SHARMISTHA ACHARYA
Senior Architect
AEON Consortium JC 2, Phas.

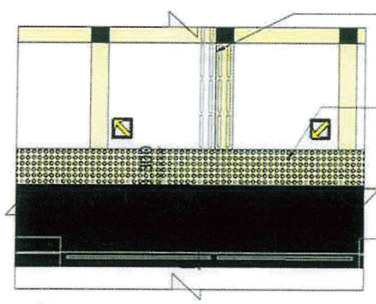


Stainless Steel Shanked Tactile Warning with Raised Dots of Nominal 35mm Diameter at Base with yellow anti-slip resin inserts

Stainless Steel Shanked Tactile Directional with yellow anti-slip resin inserts

Stainless Steel Tactile Warning with Raised Dots of Nominal 25mm Diameter at Base with yellow anti-slip resin inserts.

1 Typical Tactile Layout @ Elevator
SCALE 1:25



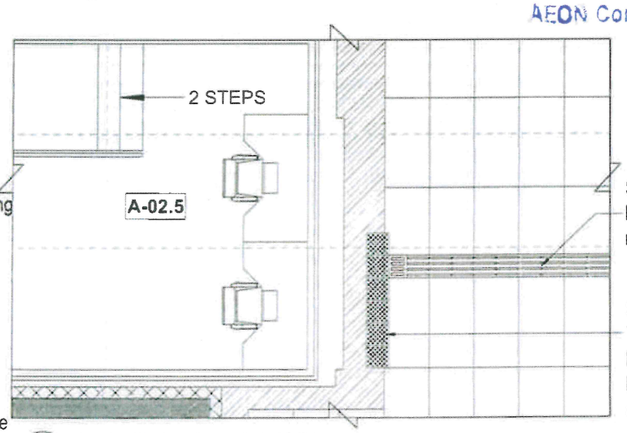
Stainless Steel Shanked Tactile Directional with yellow anti-slip resin inserts

Stainless Steel Shanked Tactile Warning with Raised Dots of Nominal 35mm Diameter at Base with yellow anti-slip resin inserts

20 mm thick Engineered Quartz yellow warning strip 100mm wide

1200mm x 600mm wide 50mm thick Flamed finish Granite slabs fixed on 40mm screed with 10mm thick adhesive

2 Typical Tactile Layout @ PSD
SCALE 1:25



Stainless Steel Shanked Tactile Directional with yellow anti-slip resin inserts

Stainless Steel Shanked Tactile Warning with Raised Dots of Nominal 35mm Diameter at Base with yellow anti-slip resin inserts

4 Typical Tactile Layout @ EFO
SCALE 1:25

FOR TENDER PURPOSE ONLY

REFERENCE DRAWING / NOTES

NOTES
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8. REFER TO PLUMBING DRAWINGS FOR PLUMBING AND DRAINAGE LAYOUT.
9. PSD DOORS DESIGN AND TRAIN DESIGN TO BE CONFIRM BY CLIENT BASED ON SUPPLIER INFORMATION.
10. FOR FINISHES REFER RFI SHEET SCHEDULE AND TYPICAL DETAILS

REVISIONS

REV	DATE	BY	DESCRIPTION	CHKD	APPD
01	16.06.2025	RA	ISSUED FOR TENDER	VC	RN

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LEAD DESIGN CHECKER CERTIFICATION

DETAIL DESIGN CONSULTANT

MM SMEC oneworks:

PROJECT TITLE
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for the works and Services of the Detailed Design and Drawings for the Alignment Cum Structural Architecture, MEP, TVS, VAC & Track Works Covering the Alignment and Underground Stations from Lighthouse to Koyambedu Flyover in Corridor-4 of phase-II of Chennai Metro Rail Project

CLIENT CHENNAI METRO RAIL LTD.
ADMINISTRATIVE BUILDING, CMRL DEPOT, POONAMALLEE HIGH ROAD, KOYAMBEDU, CHENNAI - 600107 (INDIA)

PACKAGE NO P2C4/04

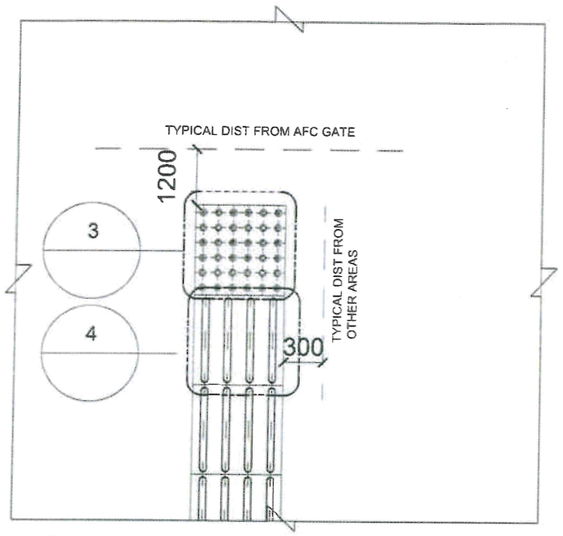
DRAWING TITLE
TYPICAL DETAILS
TACTILE DETAIL SHEET 1 OF 2

DRG ISSUE RECORD	STATUS
Concept Design	
Preliminary Design	
Definitive Design	
Construction Reference	
Good for Construction	x

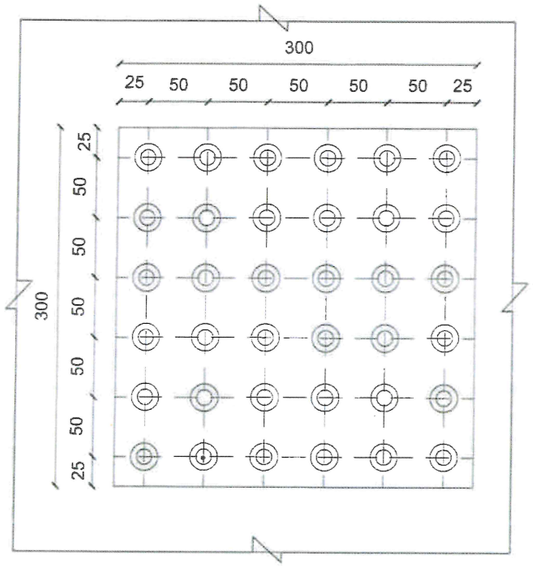
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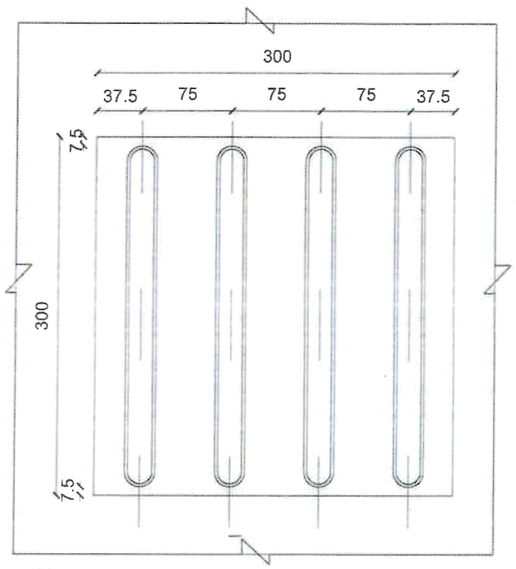
REV 01



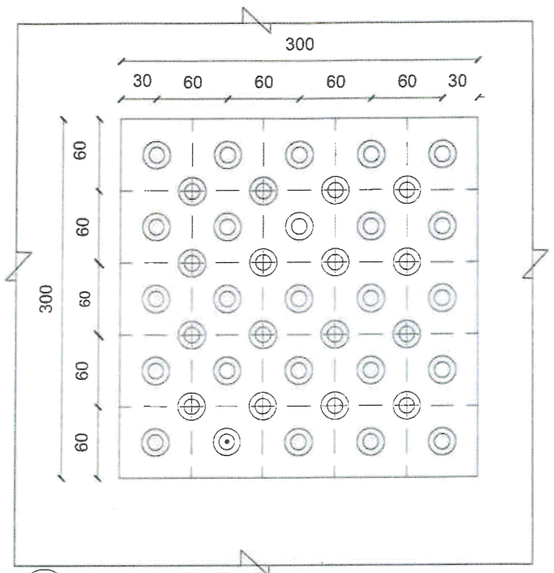
1 Hazard Warning Tactile Layout
SCALE 1:10



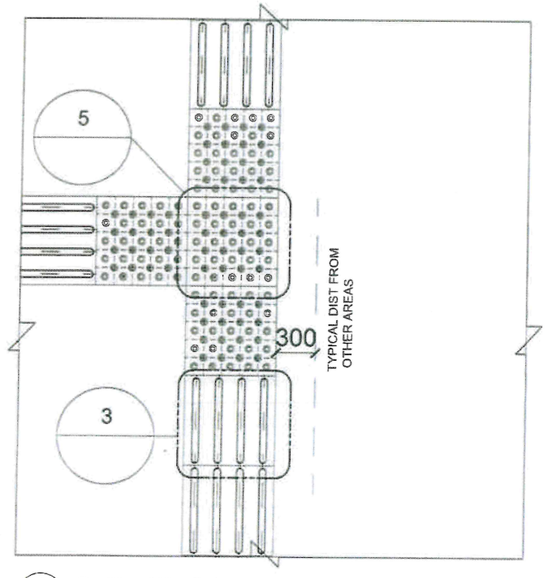
3 Hazard Warning Tactile - Detail
SCALE 1:2



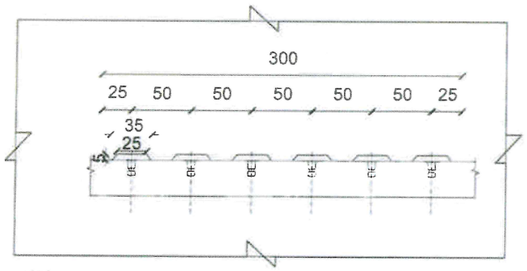
4 Directional Tactile - Detail
SCALE 1:2



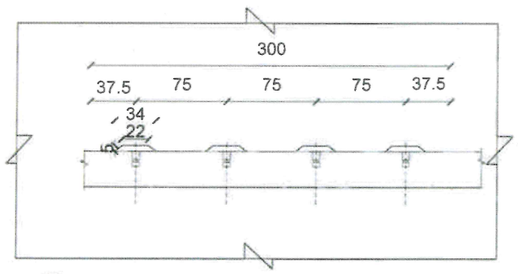
5 Positinal Tactile - Detail
SCALE 1:2



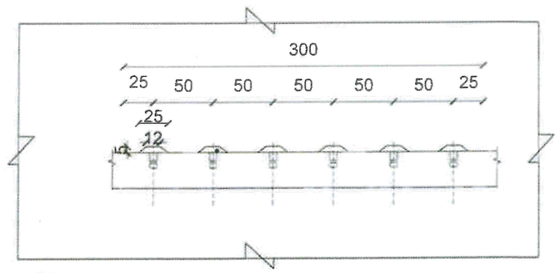
2 Positional Tactile Layout
SCALE 1:10



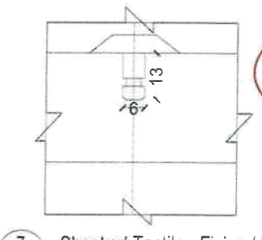
6 Hazard Warning Tactile - Section
SCALE 1:2



7 Directional Tactile - Detail
SCALE 1:2



8 Positional Tactile - Section
SCALE 1:2



7 Shanked Tactile - Fixing / Installation
SCALE 1:1

Studs are fixed into 6mm dia 13mm deep holes with approved resin anchors (SPIT or approved equivalent)

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SHARMISTHA ACHARYA
Senior Architect
AEON Consortium - JC 2, Phase II

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REVISIONS

REV	DATE	BY	DESCRIPTION	CHKD	APPD
01	16.06.2025	RA	ISSUED FOR TENDER	VC	RN

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By Detail Design Consultant

DESIGNED BY	CHECKED BY	APPROVED BY	DATE
RA	VC	RN	16.06.2025

LEAD DESIGN CHECKER CERTIFICATION

DETAIL DESIGN CONSULTANT
MM SMEC oneworks:

PROJECT TITLE
Chennai Metro Rail Detail Design Consultancy Corridor-4,Phase-2
for the works and Services of the Detailed Design and Drawings for the Alignment, Civil, Structural Architecture, MEP, TVS, VAC & Track Works Covering the Alignment and Underground Stations from Lighthouse to Koodmakkam Flyover in Corridor 4 of phase-II of Chennai Metro Rail Project

CLIENT CHENNAI METRO RAIL LTD.

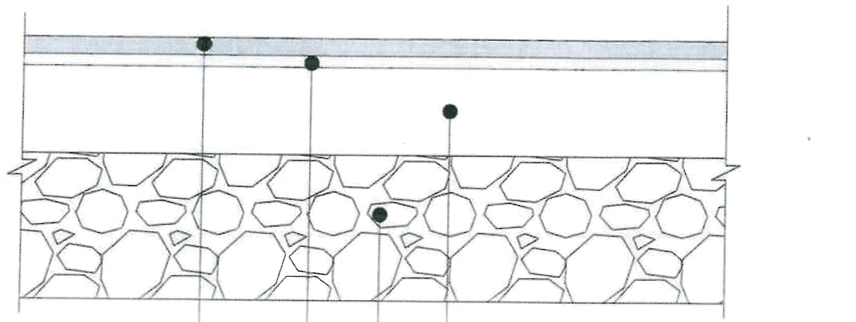
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TYPICAL DETAILS
TACTILE DETAIL SHEET 2 of 2

DRAWING NUMBER
P20C40UG01TYP-MMSO-ARCGENDWG-00028(1)

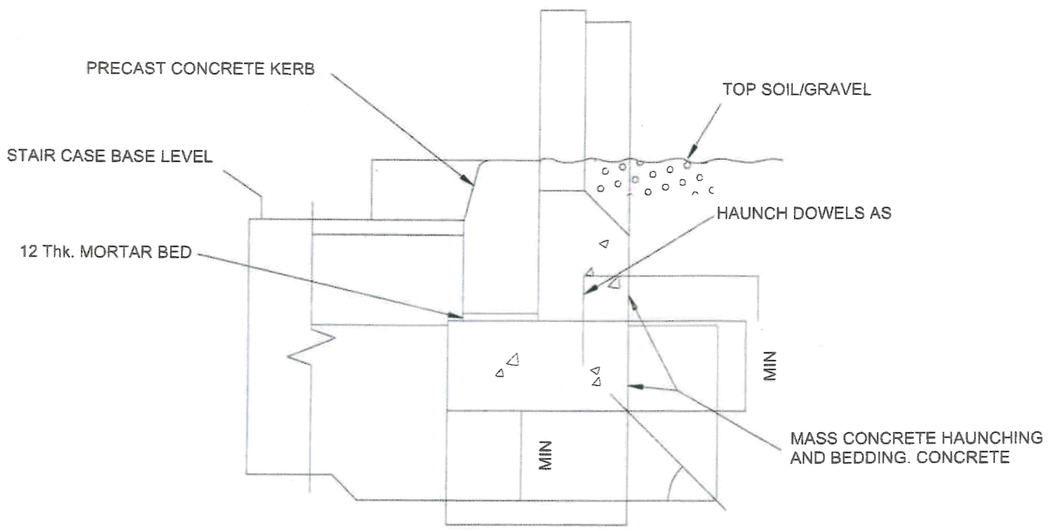
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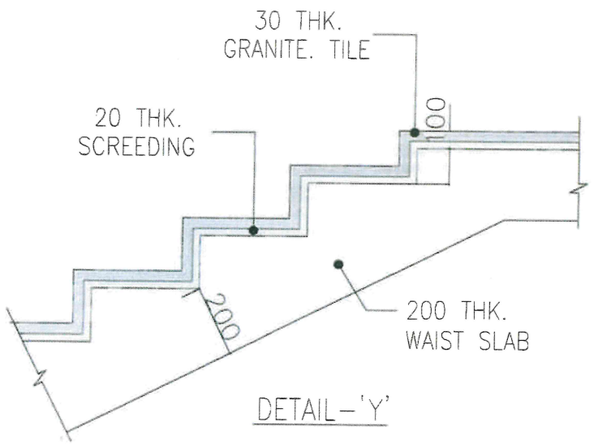
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Concept Design	
Preliminary Design	
Definitive Design	
Construction Reference	
Good for Construction	x

SCALE VARIES
REV 01

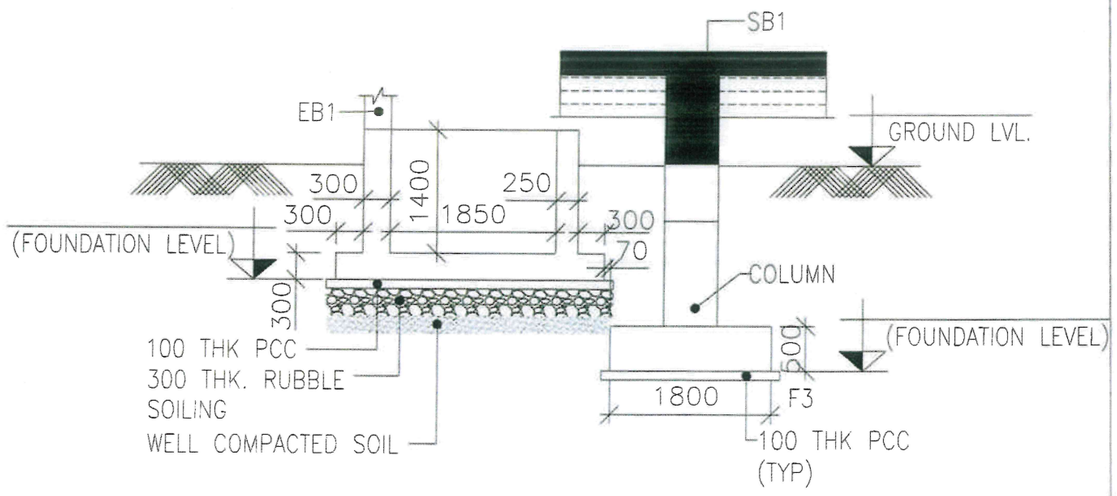


DETAIL–'X'





DETAIL–'Y'



NOTE: TOTAL NUMBER OF DOORS FOR STATIONS TO BE COUNTED AS PER RESPECTIVE GA DRAWINGS.

SHARMISTHA ACHARYA
Senior Architect
AEON Consortium, GC 2, Phase II

FOR TENDER PURPOSE ONLY

REFERENCE DRAWING / NOTES

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11. FOR CHAINAGE REFER TO ALIGNMENT DRAWINGS.

REVISIONS

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DESIGNED BY	CHECKED BY	APPROVED BY	DATE
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LEAD DESIGN CHECKER CERTIFICATION

DETAIL DESIGN CONSULTANT

MM | SMEC | oneworks:

PROJECT TITLE

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CLIENT: CHENNAI METRO RAIL LTD.

PACKAGE NO: P2C4/04

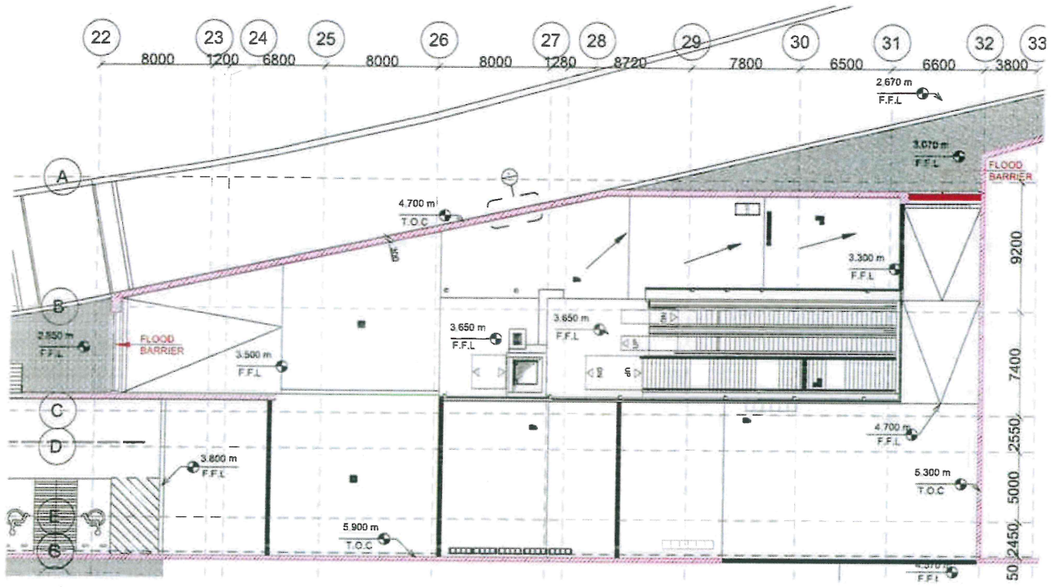
DRAWING TITLE: TYPICAL DETAIL DRAWING
Kerb Granite Details

DRG.ISSUE RECORD	STATUS
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Preliminary Design	
Definitive Design	
Construction Reference	
Good for Construction	x

DRAWING NUMBER: P20C40UG01TYP-MMSO-ARCGENDWG-00030(1)

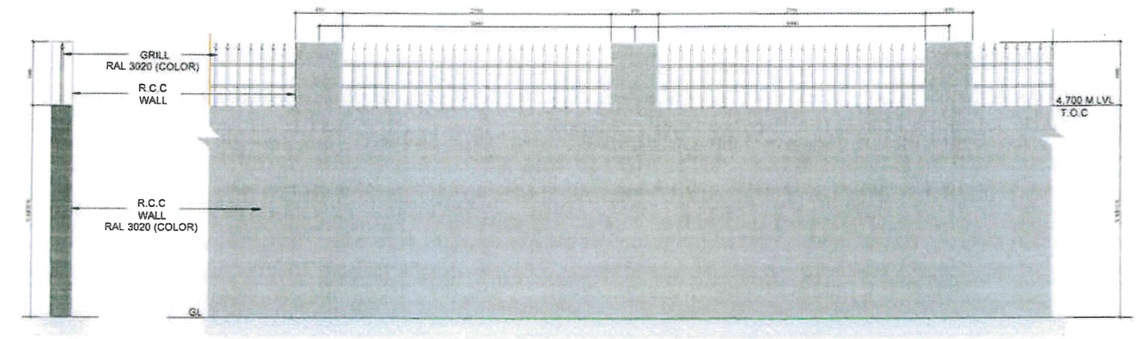
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REV: 01



TYPICAL COMPOUND WALL WITH GRILL DETAILS

COMPOUND WALL DETAIL



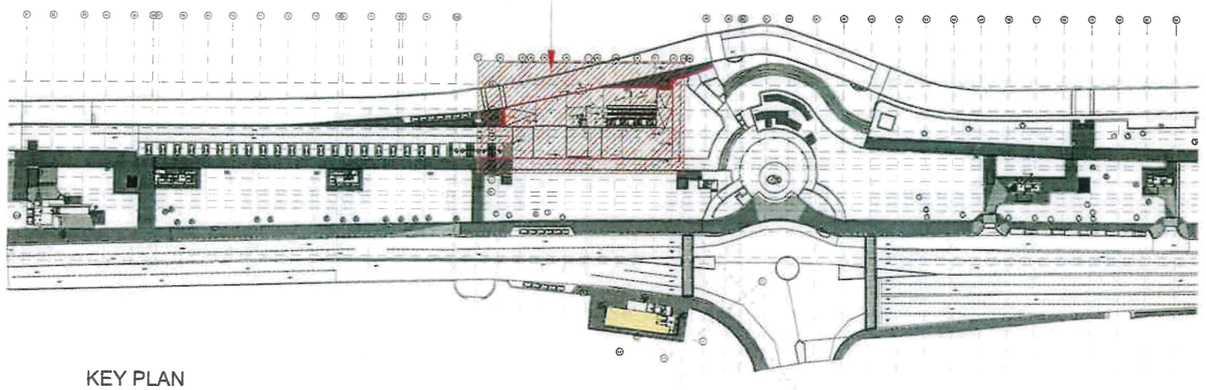
SECTION

R.C.C. WALL WITH GRILL ELEVATION



PLAN

ENTRY/EXIT-01



KEY PLAN

SHARMISTHA ACHARYA
Senior Architect
AEON Consortium. GC 2, Phase II

LEGEND

COMPOUND WALL

FOR TENDER PURPOSE ONLY

REFERENCE DRAWING / NOTES

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11. FOR CHAINAGE REFER TO ALIGNMENT DRAWINGS
12. ALL FINISHES SHOWN ARE INDICATIVE ONLY

REVISIONS

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CLIENT CHENNAI METRO RAIL LTD.

DRAWING TITLE

TYPICAL DETAILED DRAWINGS

TYPICAL ENTRY/ EXIT COMPOUND WALL WITH GRILL DETAILS

DRAWING NUMBER

P20C40UG01TYP-MMSO-ARCGENDWG-00031(1)

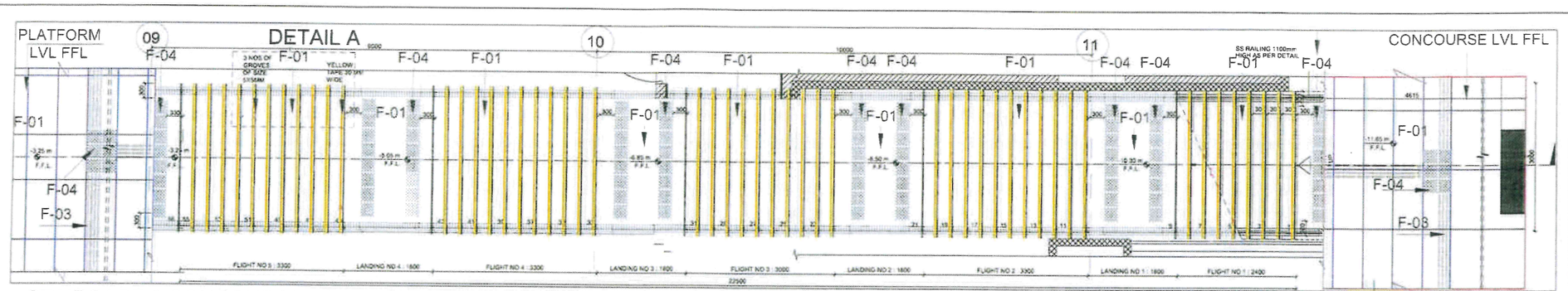
PACKAGE NO P2C4/04

DRG.ISSUE RECORD	STATUS
Concept Design	
Preliminary Design	
Definitive Design	
Construction Reference	
Good for Construction	x

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REV 01

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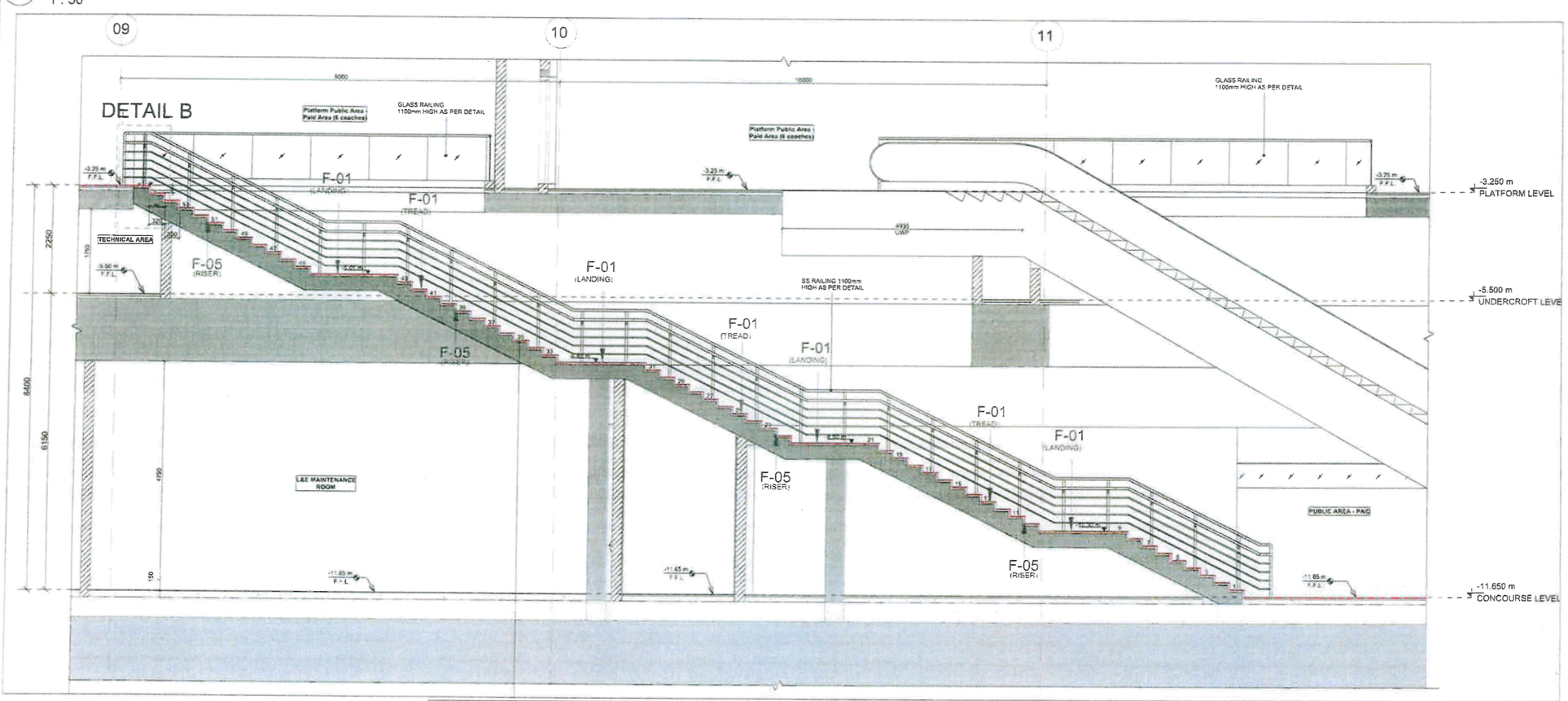


1 STAIRCASE 8 CONCOURSE LEVEL @ -11.65M

1 : 50

FLOORING LEGEND

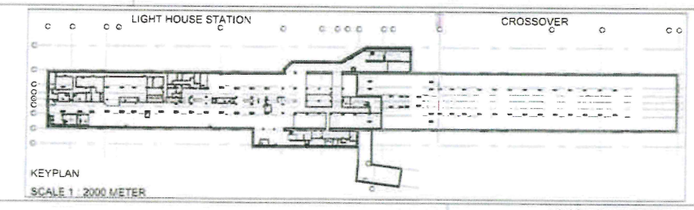
S.NO	TAG	SYMBOL	IMAGE	DESCRIPTION
1	F-01			600X1200X20 MM THICK HADDOCK STD (COLUMBUS) KARNAFLAMED/HONED LEATHER FINISH GRANITE
2	F-02			600X1200X20 MM THICK SUBANJI BLACK FLAMED/HORNED/LEATHER / POLISHED FINISH GRANITE
3	F-03			300X300X20 MM THICK METAL (SILVER COLOR) DIRECTIONAL TACTILES
4	F-04			300X300X20 MM THICK METAL (SILVER COLOR) HAZARDOUS TACTILES
5	F-05			600X450X12 MM THICK RONNY(DU) (MARKS DYE) POLISH FINISH GRANITE
2	F-06			20 MM THICK GRANITE THRESHOLD SUBANJI BLACK FLAMED/HONED/LEATHER / POLISHED FINISH GRANITE



2 SECTION GG.

1 : 50

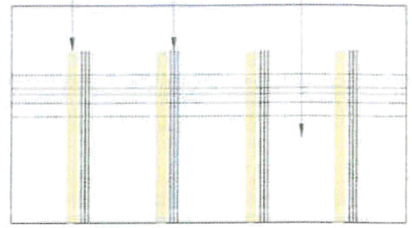
SCALE 1 : 50 METER



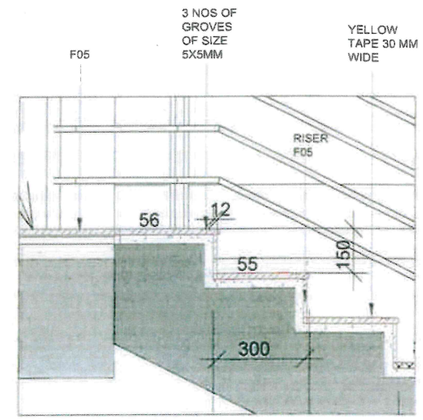
YELLOW TAPE 30 MM WIDE

3 NOS OF GROVES OF SIZE 5X5MM

300 MM WIDE TREAD F01



3 DETAIL A



1 : 50

3 DETAIL B

SHARMISTHA ACHARYA
Senior Architect
AEON Consortium, GC 2, Phase II

FOR TENDER PURPOSE ONLY

REFERENCE DRAWING / NOTES

NOTES
1. ALL DIMENSIONS ARE IN MILLIMETERS AND ALL LEVELS ARE IN METERS.
2. RAIL LEVEL SHOWN IN ARCHITECTURAL DRAWING IS INDICATIVE ONLY ABSOLUTE RAIL LEVEL SHALL BE DERIVED FROM THE ALIGNMENT DRAWINGS
3. INFORMATION ON ACTUAL SIZE OF STRUCTURAL ELEMENTS SHALL BE AS PER STRUCTURAL DESIGN DRAWINGS AND SHALL BE CONFIRMED AT SITE
4. GROUND LEVEL WHERE SHOWN ARE INDICATIVE. ACTUAL LEVELS SHALL BE TAKEN FROM SURVEY
5. RCC DETAILS OF EXTERNAL ELEMENTS ARE INDICATIVE ONLY AND SUBJECT TO STRUCTURAL AND TUNNEL DESIGN
6. ESCALATORS AND LIFTS ARE INDICATIVE ONLY AND FINAL SIZES ARE AS PER MANUFACTURERS REQUIREMENTS
7. INFORMATION ON ACTUAL SIZE OF CUTOUT AND OPENINGS SHALL BE AS PER M&E DESIGN
8. REFER TO PLUMBING DRAWINGS FOR PLUMBING AND DRAINAGE LAYOUT
9. PSD DOORS DESIGN AND TRAIL DESIGN TO BE CONFIRM BY CLIENT BASED ON SUPPLIER INFORMATION
10. FOR FINISHES REFER FINISHED DRAWINGS AND TYPICAL DETAILS
11. FOR CHAINAGE REFER TO ALIGNENT DRAWINGS
12. ALL FINISHES SHOWN ARE INDICATIVE ONLY

REVISIONS

REV	DATE	BY	DESCRIPTION	CHKD	APPD
01	16.06.2025	RA	ISSUED FOR TENDER	VC	RN

NO OBJECTION FROM CMRL

The design and drawings as certified and submitted by the designer have been reviewed and proof checked

☐ No Objection ☐ No Objection subjected to comments as noted ☐ Revision and Resubmission Required subjected to comments as noted

CHECKED BY	REVIEWED BY	APPROVED BY	DATE

By Detail Design Consultant

DESIGNED BY	CHECKED BY	APPROVED BY	DATE
RA	VC	RN	16.06.2025

LEAD DESIGN CHECKER CERTIFICATION

LOKESH TYAGI

DETAIL DESIGN CONSULTANT

MM SMEC oneworks:

PROJECT TITLE

Chennai Metro Rail Detail Design Consultancy Corridor-4,Phase-2

for the works and Services of the Detailed Design and Drawings for the Alignment, C – Structure, Architectural, MEP,TVS,VAC & Track Works Covering the Alignment and Underground Stations from Lighthouse to Meenakshi college in Corridor 4 of phase II of Chennai Metro Rail Project.

CLIENT: CHENNAI METRO RAIL LTD.
ADMINISTRATIVE BUILDING, CMRL DEPOT, POONAMALLEE HIGH ROAD, KOYAMBEDU, CHENNAI - 600107 (INDIA)

PACKAGE NO: P2C4/04

DRAWING TITLE

LIGHTHOUSE METRO

CONCOURSE LEVEL

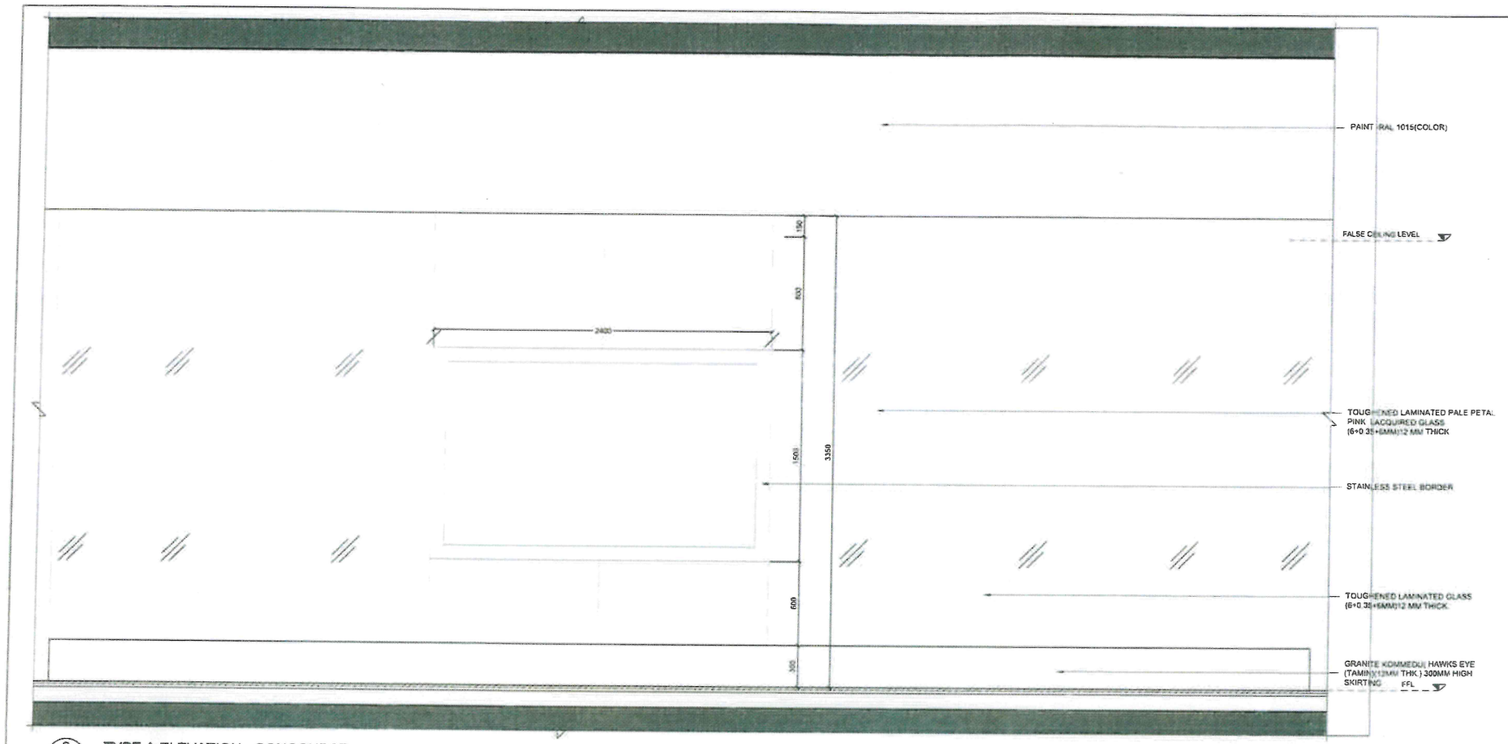
FOH STAIRCASE FLOORING DRAWING

DRG ISSUE RECORD	STATUS
Concept Design	
Preliminary Design	
Definitive Design	
Construction Reference	
Good for Construction	X

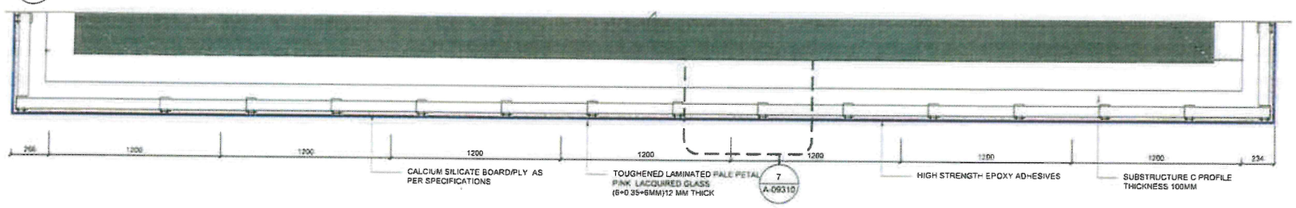
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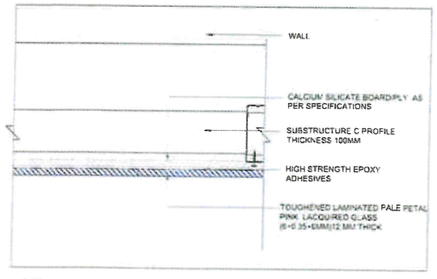
REV: 01



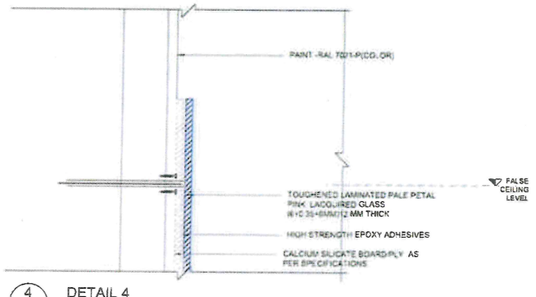
2 - TYPE A ELEVATION - CONCOURSE
1:20



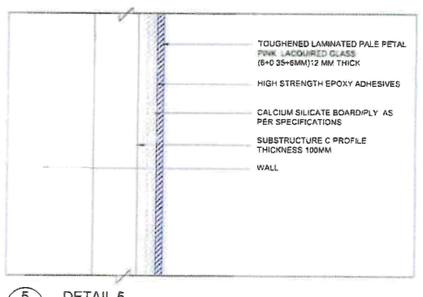
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1:20



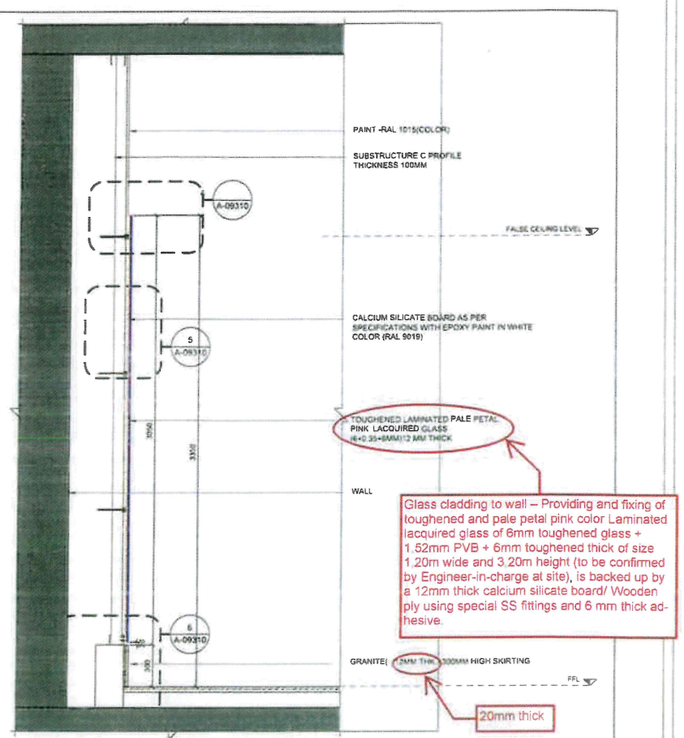
7 - DETAIL 7
1:5



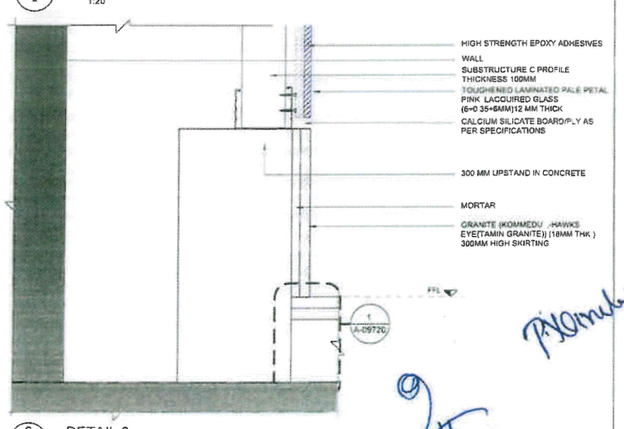
4 - DETAIL 4
1:5



5 - DETAIL 5
1:5



3 - TYPICAL SECTION - CONCOURSE
1:20



6 - DETAIL 6
1:5

SHARMISTHA ACHARYA
Senior Architect
AEON Consortium, QC 2, Phase II

REFERENCE DRAWING / NOTES

NOTES
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6. LOCATIONS AND LIFTS ARE INDICATIVE ONLY AND FINAL SIZES ARE AS PER MANUFACTURERS REQUIREMENTS
7. INFORMATION ON ACTUAL SIZE OF CUTOUT AND OPENINGS SHALL BE AS PER MEP DESIGN
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11. FOR CHAINAGE REFER TO ALIGMENT DRAWINGS
12. ALL FINISHES SHOWN ARE INDICATIVE ONLY

REVISIONS

REV	DATE	BY	DESCRIPTION	CHKD	APPD
02	20.04.2025	RA	SECOND ISSUE	VC	RN
01	15.04.2021	DM	ISSUED FOR APPROVAL	RA	RN

NO OBJECTION FROM CMRL

This design and drawings as certified and submitted by the designer have been reviewed and found checked

☐ No Objection ☐ No Objection subjected to comments as noted ☐ Revision and Resubmission Required subjected to comments as noted

CHECKED BY	REVIEWED BY	APPROVED BY	DATE

By Detail Design Consultant

DESIGNED BY	CHECKED BY	APPROVED BY	DATE
A		RN	20.02.2025

LEAD DESIGN CHECKER CERTIFICATION

DETAIL DESIGN CONSULTANT

MM SMEC oneworks:

PROJECT TITLE
Chennai Metro Rail Detail Design Consultancy Corridor-4,Phase-2
for the works and Services of the Detailed Design and Drawings for the Alignment, Civil Structural, Architectural, MEP, TVS, VAC & Track Works Covering the Alignment and Underground Stations from Lighthouse to Meenambakkam in Corridor 4 of phase II of Chennai Metro Rail Project

CLIENT CHENNAI METRO RAIL LTD.

DRAWING TITLE
TYPICAL DETAIL DRAWING
WALL CLADDING FOR FOH
SHEET 1 OF 1

DRAWING NUMBER
P20C40UG01TYP-MMSO-ARCGENDWG-09001(2)

PACKAGE NO
P2C4/04

DRG ISSUE RECORD	STATUS
Concept Design	
Preliminary Design	
Definitive Design	
Construction Reference	
Good for Construction	x

SCALE AS INDICATED
REV 02