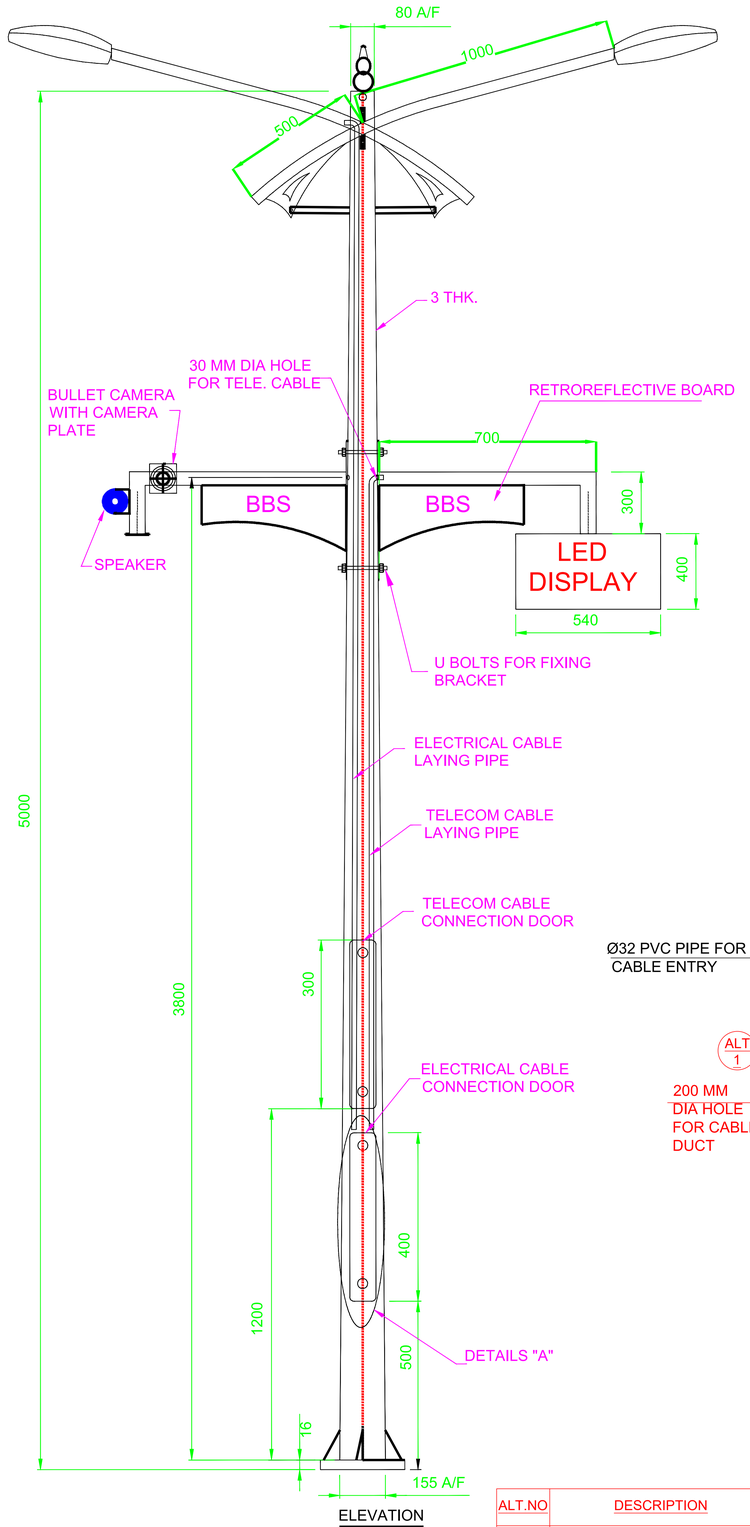
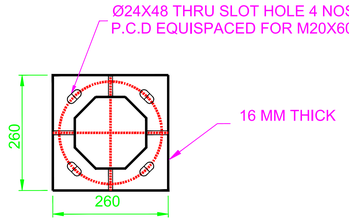
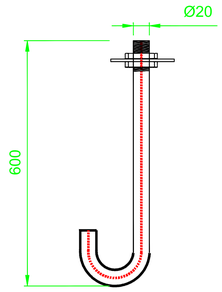


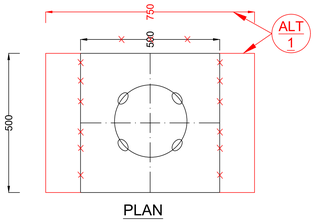
ELEVATION



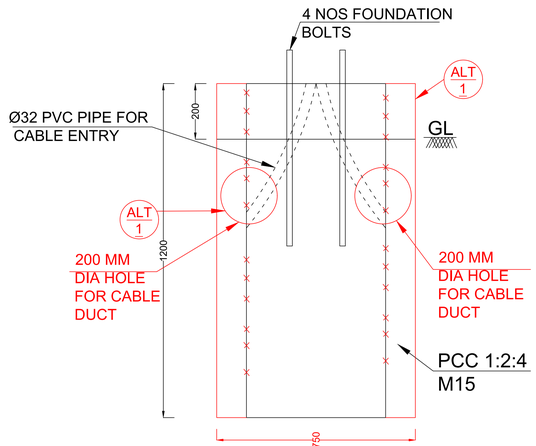
BASE PLATE
260X260X16 Thk.



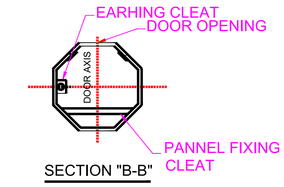
M20 X 600MM
FOUNDATION BOLT
WITH NUT 2NOS &
WASHER 2 NOS



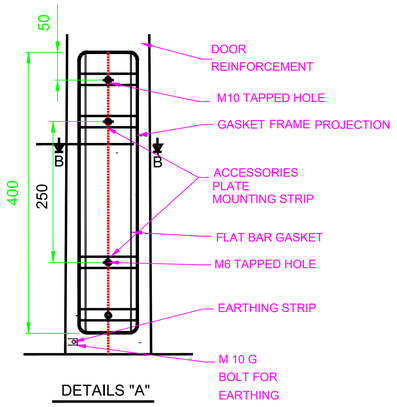
PLAN



DETAIL OF CIVIL
FOUNDATION



SECTION "B-B"



DETAILS "A"

NOTES:

1. ALL DIMESSION ARE IN MM
2. MATERAILS
   2.1 SHAFT: E350/S355 JO AS PER BSEN 10025 (IS 2062).
   2.2 BASE PLATE: AS PER IS 2062.
3. HOT DIP GALVANIZED AS PER IS 4759
4. CROSS SECTION OF POLE :- OCTAGONAL.
5. BASIC WIND SPEED : IS875 PART 3(205) OF 50 M/S.
6. POLE WITH OCTAGOLAN SECTION WITH SINGLE LONGITUDE WELDING.
7. FOUNDATION BOLT BE EN8 GRADE.
8. TOLERANCE:-
   8.1.POLE DIAMETER ± 2.5%
   8.2 POLE TOTAL LENGTH ± 1.2%
   8.3.POLE STRAIGHTNESS ± 0.3%
9. INDICATOR HEIGHT NOT FIXED ON ALL POLES,THEREFORE BRACKET SHALL BE ADJUSTABLE FOR DIFFERENT HEIGHT.
10. ARM LENGTH SHALL BE VARIABLE FROM 700MM TO 1500MM. ALUMINIUM SECTION(RECTANGULAR/SQUARE) CAN BE USED FOR ARM.
11. 40MM BORES SIZE HDPE DUCTS SHALL BE PROVIDED INSIDE POLE FOR TELE CABLES.
12. IT MUST BE ENSURED THAT TOP OF FOUNDATION OF ALL THE POLES IS FLUSH WITH PLATFORM TOP SURFACE WITH AN EXCEPTION TO REQUIRED MUFFING.
13. IN CASE OF ISLAND PLATFORMS, SINGLE POLE SHALL BE USED AS FAR AS POSSIBLE TO PROVIDE COACH INDICATION OF BOTH PLATFORMS BY INCREASING ARM LENGTH ON BOTH SIDE.
14. ALL OHE MASTS SHALL BE LOCATED AT FAR EDGE OF THE HOME PLATFORM BY USING A SUITABLE SPAN PORTAL WHEREVER FRESH ELECTRIFICATION IS BEING DONE.TOP OF FOUNDATION OF ALL THE PORTALS/MASTS SHALL BE KEPT FLUSHED WITH PLATFORM SURFACE WITH AN EXCEPTION TO REQUIRED MUFFING.
15. IN CASE OF ISLAND PLATFORMS,OHE MASTS/PORTALS SHALL BE ALIGNED WITH CENTER OF PLATFORM AS FAR AS POSSIBLE TO ENSURE FREE MOVEMENT OF PASSENGERS.
16. MINIMUM HORIZONTAL DISTANCE SHALL BE AS PER IRSOD 2022 CHAPTER-II PARA 8 & 8A.
17. AS PER RDSO SPECIFICATION THE INTER POLE DISTANCE FOR COACH INDICATOR BOARD SHOULD BE 24M. (MIN.)
18. CABLE DUCTS SHOULD BE LAID AS PER RB LETTER NO 2022/GS/IR/CABLE LAYOUT DATED-29.03.2023 . SEPARATE DRAWING FOR CABLE DUCT WILL BE ISSUED SEPARATELY.
19. VIDE NOTE NO.W1/162/DRG/POLICY/ , DATED 12.09.24 PCE/BBS HAS APPROVED THIS DRAWING.
    VIDE NOTE NO.W1/162/DRG/POLICY/ , DATED 05.08.24 PCEE/BBS HAS APPROVED THIS DRAWING.
    VIDE NOTE NO.W1/162/DRG/POLICY/ , DATED 13.08.24 CCE/BBS HAS APPROVED THIS DRAWING.
    VIDE NOTE NO.W1/162/DRG/POLICY/ , DATED 27.08.24 CCM/BBS HAS APPROVED THIS DRAWING.

ALT.NO	DESCRIPTION
ALT 1	1.WIDTH OF FOUNDATION OF MULTIPURPOSE POLE IS PROPOSED FROM 500MM TO 750MM TO ACCOMMODATE CABLE DUCT OF ELECTRICAL AND S&T DEPT. .

Signature block	
CPDE/BBS	CHITTARANJAN DAS Digitally signed by CHITTARANJAN DAS Date:2024.11.05 05:25:26 +05'30'
DY.CE/PLG/BBS	BASANTA KUMAR TRIPATHY Digitally signed by BASANTA KUMAR TRIPATHY Date:2024.11.05 05:20:24 +05'30'

Signature block	
CPDE/BBS	CHITTARANJAN DAS Digitally signed by CHITTARANJAN DAS Date:2024.09.20 01:01:11 +05'30'
CCM/PS&M/BBS	SD/- 12.09.2024
PCEE/BBS	SD/- 20.08.2024
CCE/BBS	SD/- 13.08.2024
DYCE/PLG	BASANTA KUMAR TRIPATHY Digitally signed by BASANTA KUMAR TRIPATHY Date:2024.09.20 12:56:25 +05'30'

DRAWN BY	S.N.NAYAK JE/D&D

CE'S DRAWING NO:-5802/24 ALT 1

EAST COAST RAILWAY
HEAD QUARTERS OFFICE, BHUBANESWAR

MULTIPURPOSE POLE FOR ELECTRIC LIGHTS AND S&T FIXTURES (COACH INDICATORS, LOUD SPEAKERS, CCTV CAMERAS ETC.)