



- NOTES:**
1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
 2. LOCATION OF BOUNDARY WALL SHALL BE AS PER G.O.D. (LATEST APPROVED).
 3. PROVIDE BRICK WORK IN THICKNESS 60MM IN 1:3 CEMENT MORTAR (CEMENT : COARSE SAND).
 4. CONC. GROUTING FOR ANGLE POST AT TOP OF BOUNDARY WALL SHALL BE IN 1:2:4 (CEMENT:COARSE SAND:A STONE) AGGREGATE.
 5. BARBED WIRE SHALL BE GALVANIZED STEEL BARBED WIRE, AND SHALL BE IN AN A-44S,278 CONFORMING TO IS-278.
 6. a). BRICK TO BE DONE WITH BRICK OF FIRST CLASS (DEFINITION IS IN IS-278). b). PLASTER WORK SHALL BE IN CONCRETE MORTAR 1:3 (CEMENT:3 PARTS SAND). THICKNESS OF PLASTER SHALL BE AS PER G.O.D.
 7. THE LAST 300mm EXCAVATION IN SOIL IS TO BE DONE JUST PRIOR TO THE LAYING OF FOUNDATION P.C.C.
 8. P.C.C. OF 1:4:8 GRADE SHALL BE WITH 40mm NOMINAL SIZE AGGREGATE.
 9. EXPANSION JOINTS ARE TO BE PROVIDED IN BOUNDARY WALL AT
 10. ALL EXPOSED PLASTER SURFACES ARE TO BE PAINTED WITH WATER PROOFING CEMENT PAINT AS PER G.O.D.
 11. STRUCTURAL STEEL FOR ANGLE POSTS SHALL CONFORM TO IS 2062, ANGLE POST SHALL BE PAINTED WITH TWO OR MORE COATS OF EMALM PAINT (S) OF APPROVED BRAND AND MANUFACTURE OVER A PRIMING COAT OF APPROVED STEEL PRIMER.
 12. THE REPAIR IN BOUNDARY WALL FOUNDATION SHALL BE PROVIDED WHEREVER THE DIFFERENCE IN GROUND LEVEL IS MORE THAN 50mm.
 13. NO FOUNDATION SHALL REST ON THE FILLED UP SOIL, IF ANY, THE FOUNDATION SHALL BE MINIMUM 500mm BELOW VERGIN SOIL.
 14. THE HEIGHT OF BOUNDARY WALL EXCLUDING FENCE AT TOP SHALL NOT BE MORE THAN 2300mm, ABOVE GROUND LEVEL OR FORMATION LEVEL.
 15. M.S. GRATING AND THEIR LOCATION TO BE INSTALLED IN BOUNDARY WALL ALONG WITH THE LEVELS SHALL BE DECIDED BY THE SITE AS/DR SITE COMPOSITION KEEPING IN MIND THE MAX. POSSIBLE CATCHMENT AREA FOR EACH GRATING.
 16. ALL M.S. SECTION USED FOR GRATING SHALL BE PAINTED WITH TWO OR MORE COATS OF BLACK ANTI-CORROSIVE BUTYLASTIC PAINT OF APPROVED BRAND AND MANUFACTURE OVER A PRIMING COAT OF APPROVED STEEL PRIMER.
 17. CONC. FOR R.C.C. WORK SHALL BE OF GRADE 1:1.5:3 (CEMENT:1.5 COARSE SAND : 3 GRADED STONE AGGREGATE, 20mm NOMINAL SIZE).
 18. REINF. BARS SHALL BE H.Y.S.D. BARS OR TMT BARS CONFORMING TO LATEST REVISION.
 19. STRUCTURE STEEL USED FOR GRATING SHALL CONFORM TO LATEST EDITION.
 20. LAP LENGTH SHALL BE 60 X DIA OF BAR
 21. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS
a) FOOTING - 50MM (b) SLAB - 20MM (c) COLUMN - 40MM
d) BEAMS - 25MM
 22. TOP OF PLINTH BEAM SHALL BE REDUCED BY 100mm WHEREVER MS GRATING IS TO BE PROVIDED
 23. IN CASE BLACK COTTON SOIL IS ENCOUNTERED SUITABLE TREATMENT IN FOUNDATION SHALL BE PROVIDED.
 24. BACKFILL SOIL SHALL BE WELL COMPACTED TO AVOID THE SETTLEMENT OF EARTH.
 25. THE SURPLUS EARTH GENERATED FROM FOUNDATION SHALL BE DEPOSITED ALONG THE BOUNDARY WALL AND THE SAME SHALL BE ROUGHLY GRADED.

RELEASED FOR CONSTRUCTION

POWER GRID CORPORATION OF INDIA LIMITED					
(A Government of India Enterprise)					
PROJECT	STANDARD BOUNDARY WALL				
DRAWING NO.	C/ENG/S/D/B/W/01				
DATE	SCALE	REP			
REV.	DESCRIPTION	DATE	REV.	APPROVED	DATE

Tie Beam Size 230mm x 230mm
Main steel bar 10mm 4 Nos

Spung 800mm @ 200 c/c