FOR ONLY TENDER PURPOSE

1. ALL DIMENSIONS ARE IN MM AND ALL LEVELS ARE IN METRES UNLESS OTHERWISE MENTIONED.
2. UNLESS OTHERWISE SPECIFIED RELEVANT "R" SHALL BE FOLLOWED.
3. INTERNAL DIAMETER OF PIPE = DIAMETER OF PIPE + 200 MM

PLAIN CEMENT CONCRETE BEDDING (PCCB)
TYPE B - PCCB

GRANULAR BEDDING (GBB)
TYPE A - GBB (Hard Rock and Mixture)

TYPICAL SECTION OF SEWER TRENCH
FOR 8.0m TRENCH DEPTH

ENCASEMENT OF PIPE AT EVERY 3rd JOINT

LAYER A, CAREFULLY COMPACTED BACKFILL
BACKFILLING WITH APPROVED SELECTED EXCAVATED MATERIAL AND COMPACION SHALL BE DONE BY HAND OR APPROVED MECHANICAL METHODS IN LAYERS OF 150mm WITH SPECIAL CARE TO AVOID DAMAGE OF THE PIPE

LAYER B, BACKFILL MATERIAL COMPACTED TO 90% M.D.D
BACKFILLING SHALL BE DONE WITH EXCAVATED MATERIAL AND OR GOOD QUALITY OF MURIAM BROUGHT FROM OUTSIDE BY HAND OR APPROVED MECHANICAL METHODS IN LAYERS NOT EXCEEDING 15 CM THICKNESS AFTER COMPACTING, WITTIED AND COMPACTED TO A DENSITY OF NOT LESS THAN 90% OF MAXIMUM DRY DENSITY AT OPTIMUM MOISTURE CONTENT OF THE SURROUNDING MATERIAL.
SOIL CLAYY MARSHY SOIL SHALL NOT BE USED FOR BACKFILLING.
FOR ONLY TENDER PURPOSE

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<td>REINF. DETAILS</td>
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1. GRADE OF CONCRETE FOR STRUCTURAL WORKS SHALL BE M50 WITH MIN. COMB ABLE CONTENT 350 KG/M^3 GPS CEMENT WITH MIN. RATIO 5:4:5 CONCRETE FOR PCF SHALL BE M25 WITH MIN. CEMENT CONTENT 240 kg/m^3.

2. USE APPROVED CORROSION INHIBITOR ADHORST. IN THE CONCRETE, THIS ADHORST IS TO BE ADDED INTO WET CONCRETE AS PER MANUFACTURER'S SPECIFICATIONS.

3. STEEL REINF. SHALL BE TMT STEEL FROM APPROVED VENDOR.


5. DIMENSIONS ARE NOT TO BE SCALED, ONLY WRITTEN DIMENSIONS TO BE FOLLOWED.

6. ANY DISCREPANCY SHALL BE Brought TO NOTICE OF DESIGN TEAM BEFORE PROCEEDING.

7. THE FOUNDATION SHALL REST ON STRATA AS INDICATE IN DRAWING.

8. DEVELOPMENT LENGTHS / LAP LENGTHS OF BARS ARE DESIGNATED BY L & L BASED ON 5xD WHERE D IS DIAMETER OF BAR.

9. CLEAR COVER TO REINF. SHALL BE AS FAR AS PER TABLE 1.

10. POLES & FOUNDATION: 150 mm

11. THE EXCAVATION SHALL BE PROTECTED BY MEANS OF LOOSE SOILS.

12. UNTIL OTHERWISE SPECIFIED, ALL RELEVANT "B" SHALL BE FOLLOWED.