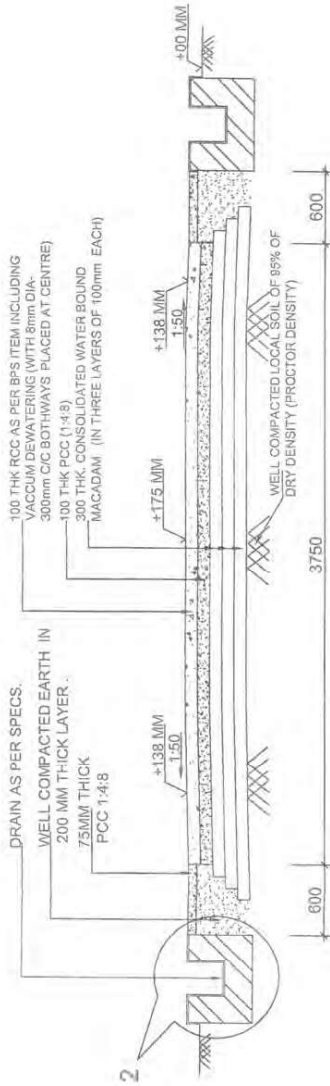
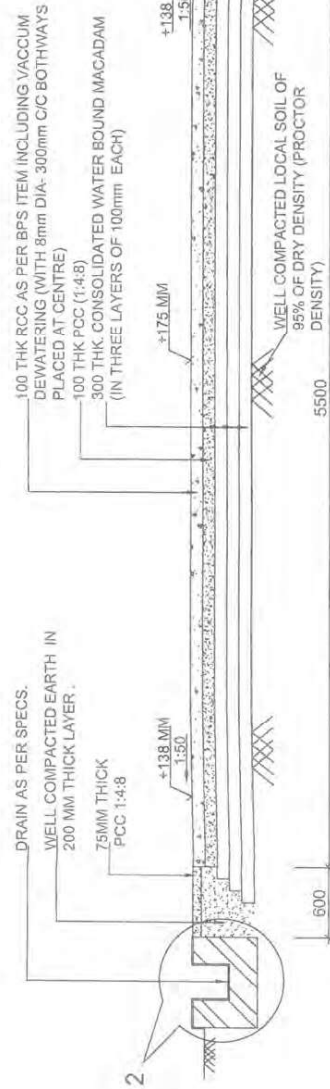


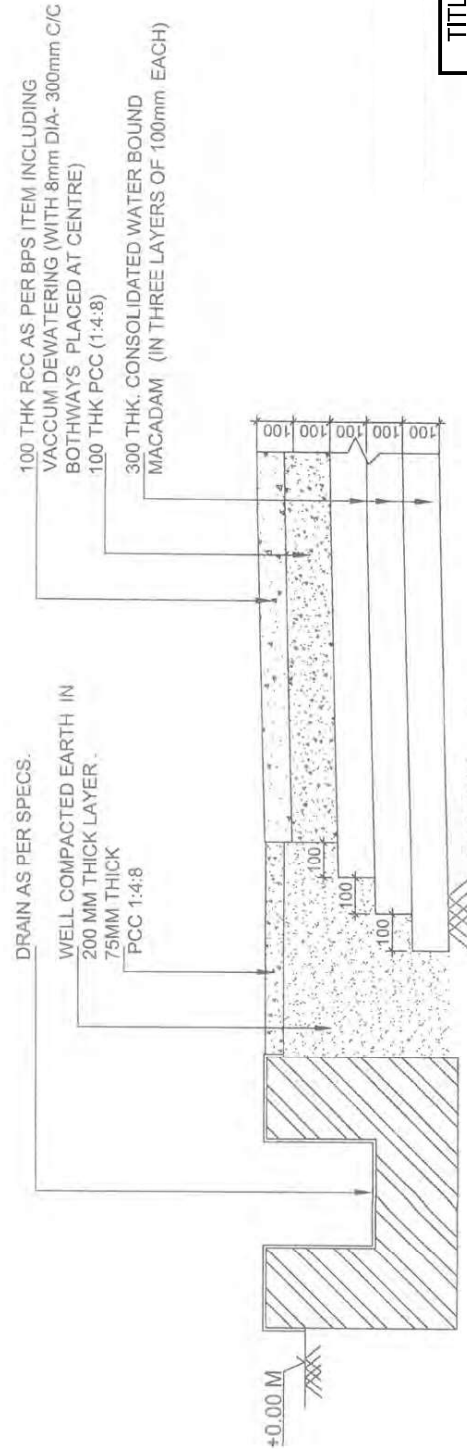
DETAIL OF CONCRETE ROAD (RIGID PAVEMENT)



TYP. CROSS SECTION OF 3.75 M WIDE ROAD



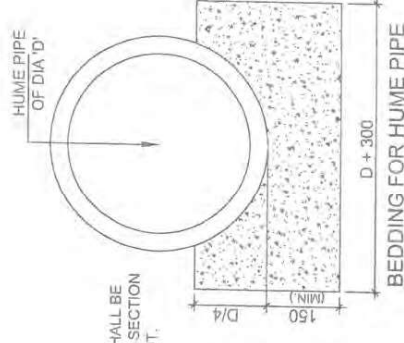
TYP. CROSS SECTION OF 5.5 M WIDE ROAD



DETIAL - 2

NOTES:

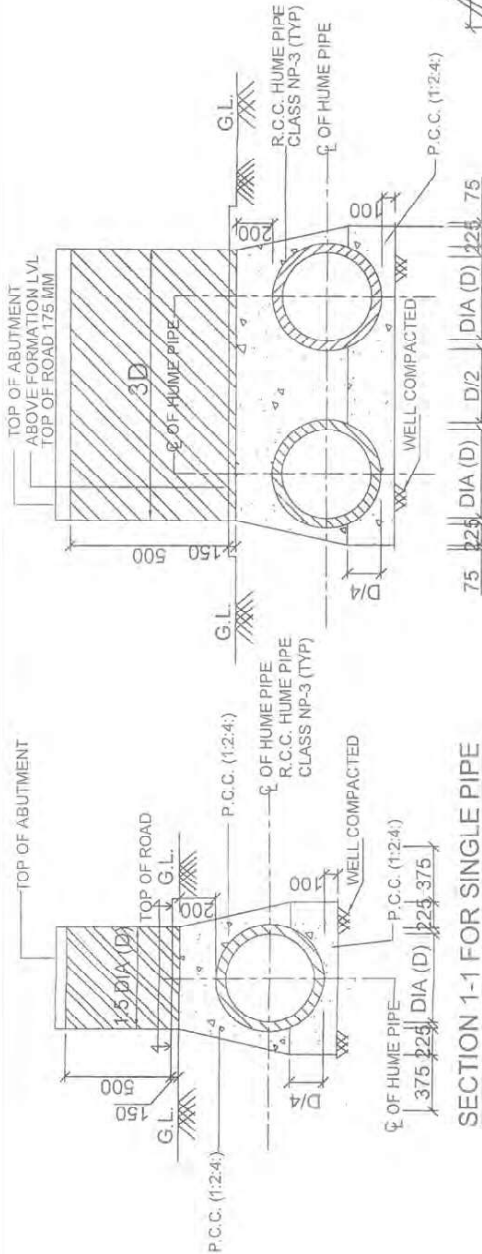
1. ALL DIMENSION ARE IN MM UNLESS NOTED OTHERWISE.
2. CAMBER OF 1:50 SHALL BE PROVIDED
3. EXPANSION JOINT (12 MM THICK) SHALL BE PROVIDED AT EVERY 8.0 M. EXPANSION JOINT SHALL ALSO BE PROVIDED AT CENTRE.
4. POLYTHENE SHEET OF 125 MICRONS SHALL BE PLACED BETWEEN THE PCC AND RCC SLAB. (TOP SLAB)
5. 100MM DIA. RCC HUMME PIPE SHALL BE PLACED ACROSS THE ROAD AT EVERY 100M INTERVAL ALONG THE ROAD.
6. THE KERBS ON BOTH SIDE OF THE ROAD SHALL BE PAINTED YELLOW AND BLACK ALTERNATIVELY
7. FINISHED TOP OF ROAD CREST SHALL BE 175 MM (MIN.) ABOVE F.G.L HOWEVER, IN CASE APPROACH ROAD IS BEING CONSTRUCTED IN UNLEVELLED AREA THEN CREST LEVEL OF ROAD SHALL BE MINIMUM 300 MM ABOVE H.F.L.
8. IF EXPANSIVE SOIL IS ENCOUNTERED AT FOUNDING LVL. IT SHALL BE REMOVED TO A MIN. DEPTH OF 300 MM AND SHALL BE REPLACED WELL COMPACTED (IN 02 EQ LAYERS) C.N.S. MATERIAL
9. SUFFICIENT SPACE BETWEEN KERB STONES @ 5M C/C SHALL BE PROVIDED TO DRAIN OUT WATER



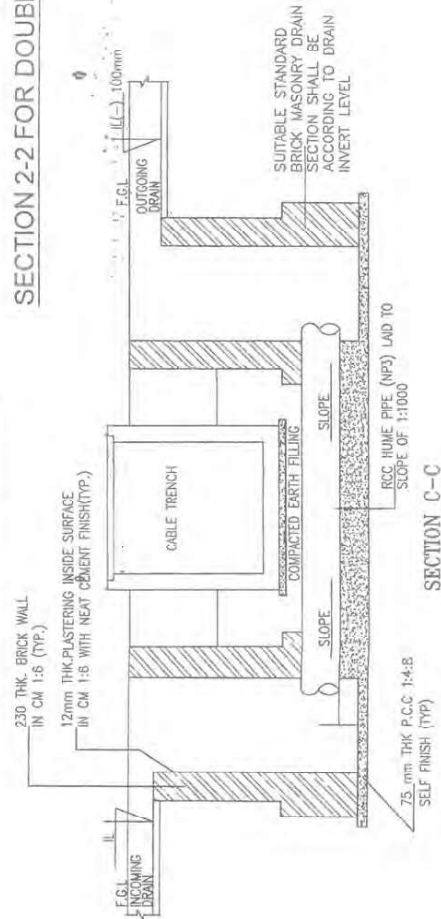
INDICATIVE DRAWING FOR TENDER
PURPOSE ONLY

TITLE : DETAIL OF CONCRETE ROAD WITH PCC SHOULDER
(RIGID PAVEMENT)

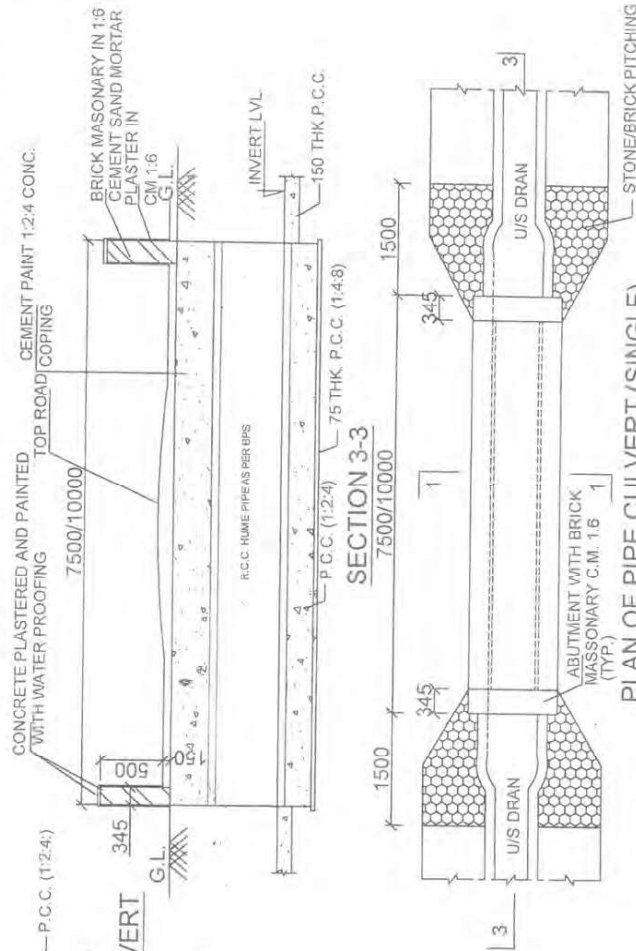
- NOTES:-**
1. ALL DIMENSIONS ARE IN MM
 2. DO NOT SCALE THE DRG.
 3. RCC HUMIE PIPE SHALL BE OF GRADE NP-3.
 4. CLASS 75 BRICKS SHALL BE USED.
 5. CONCRETE MIX USE FOR COVERING RCC PIPE SHALL BE 1:2:4(1 CEMENT: 2 COURSE SAND: 4 STONE AGGREGATE OF 20 MM NOMINAL SIZE)
 6. LEAN CONCRETE SHALL BE 1:4:8 (1 CEMENT: 4 COURSE SAND: 8 STONE AGGREGATE OF 40 MM NOMINAL SIZE)
 7. BRICK MASONRY SHALL BE DONE USING CEMENT MORTAR (1CEMENT: 6 COURSE SAND)
- IMP:-**
1. SUITABLE SECTION SHALL BE ADOPTED AS PER SITE CONDITIONS



SECTION 1-1 FOR SINGLE PIPE

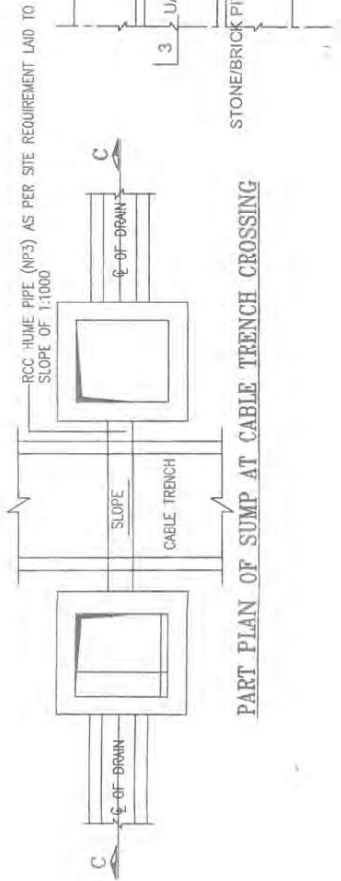


SECTION 2-2 FOR DOUBLE PIPE CULVERT

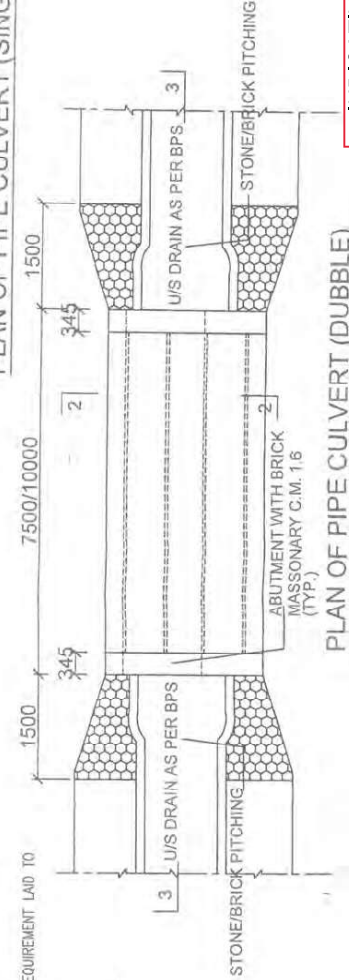


SECTION 3-3

PLAN OF PIPE CULVERT (SINGLE)



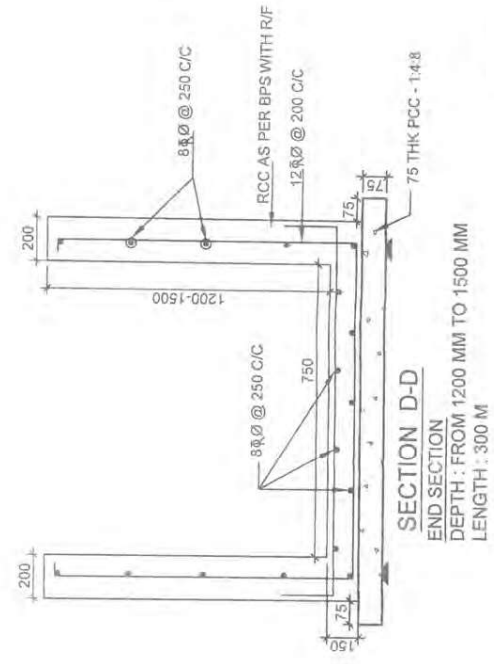
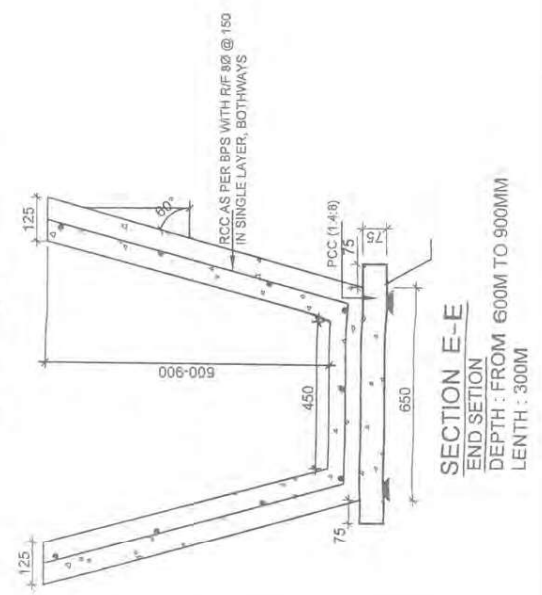
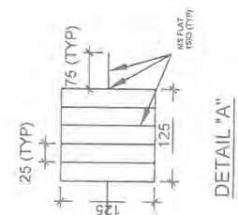
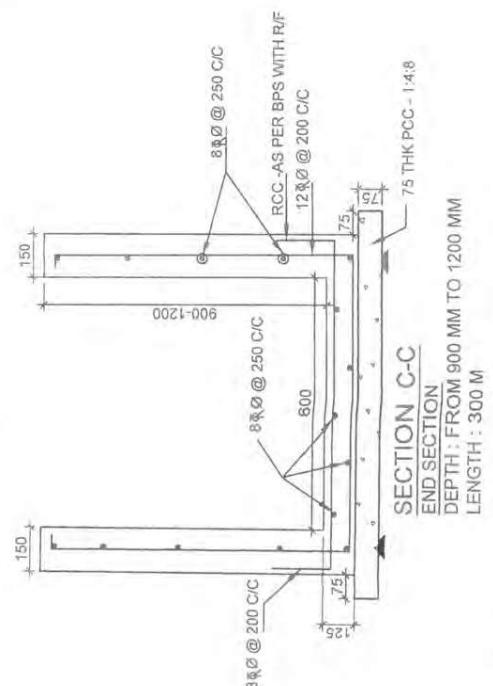
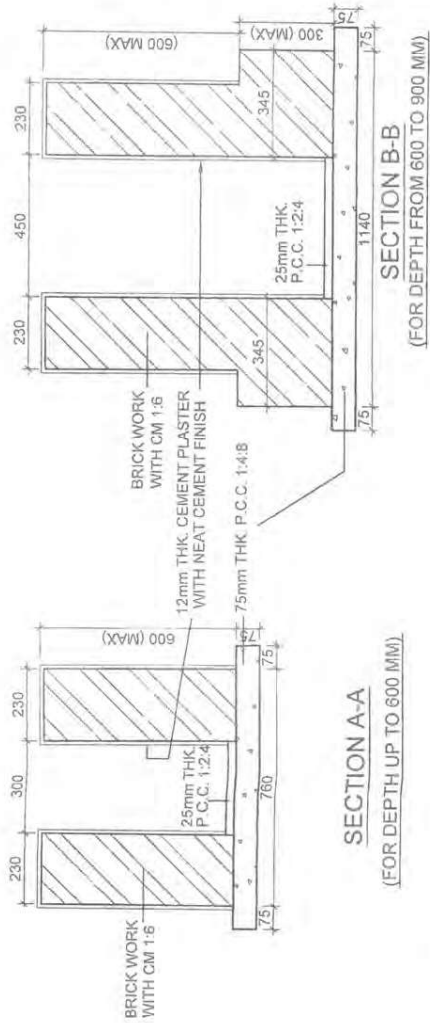
PART PLAN OF SUMP AT CABLE TRENCH CROSSING



PLAN OF PIPE CULVERT (DUBBLE)

INDICATIVE DRAWING FOR TENDER
PURPOSE ONLY

TITLE : DETAIL OF ROAD CULVERTS



NOTES:-

1. ALL DIMENSIONS ARE IN MM. & ELEVATIONS ARE IN METRE UNLESS NOTED OTHERWISE.
2. ALL DRAINS SHALL BE GIVEN A MINIMUM SLOPE OF 1:100 IN THE LONGITUDINAL DIRECTION
3. ALL REINFORCEMENT SHALL BE AS PER BPS.
4. MINIMUM DEPTH OF DRAIN SHALL BE 300MM BELOW FGL
5. WHERE EVER TWO SECTIONS ARE MEETING A TRANSITION ZONE SHALL BE CONSTRUCTED HAVING LENGTH 1000mm.
6. 75x75mm WEEP HOLE SHALL BE PROVIDED AT SPACING OF 1500mm HORIZONTALLY & 300mm VERTICALLY IN STAGGERED MANNER. HOWEVER 75MM DIA PVC PIPE WEEP HOLE SHALL BE PROVIDED IN CASE OF RCC DRAIN.
7. DEPTH OFF DRAIN IS TAKEN AS HEIGHT FROM TOP OF DRAIN TO INVERT OF DRAIN
8. LAYOUT OF DRAIN WILL BE ISSUED DURING DETAILED ENGINEERING.
9. IF EXPANSIVE SOIL IS ENCOUNTERED AT FOUNDING LVL. IT SHALL BE REMOVED TO A MIN. DEPTH OF 300 MM. AND SHALL BE REPLACED BY WELL COMPACTED (IN 03 EQ. LAYERS) LOCALLY AVAILABLE C.N.S. MATERIAL /SAND.
10. WHEREEVER DRAINS ARE COMING IN THE SIDE OF SWITCHYARD / TOWNSHIP ROAD, PROPER COMPACTION BETWEEN EDGE OF ROAD AND DRAIN SHOULD BE ENSURED
11. 20MM WIDE EXPANSION JOINT SHALL BE PROVIDED IN RCC DRAIN @ 45M C/C. THE JOINT SHALL BE FILLED WITH 1:4 CEMENT SAND MORTAR.

INDICATIVE DRAWING FOR TENDER
PURPOSE ONLY

TITLE : DETAILS OF DRAIN (Sh 1-2)

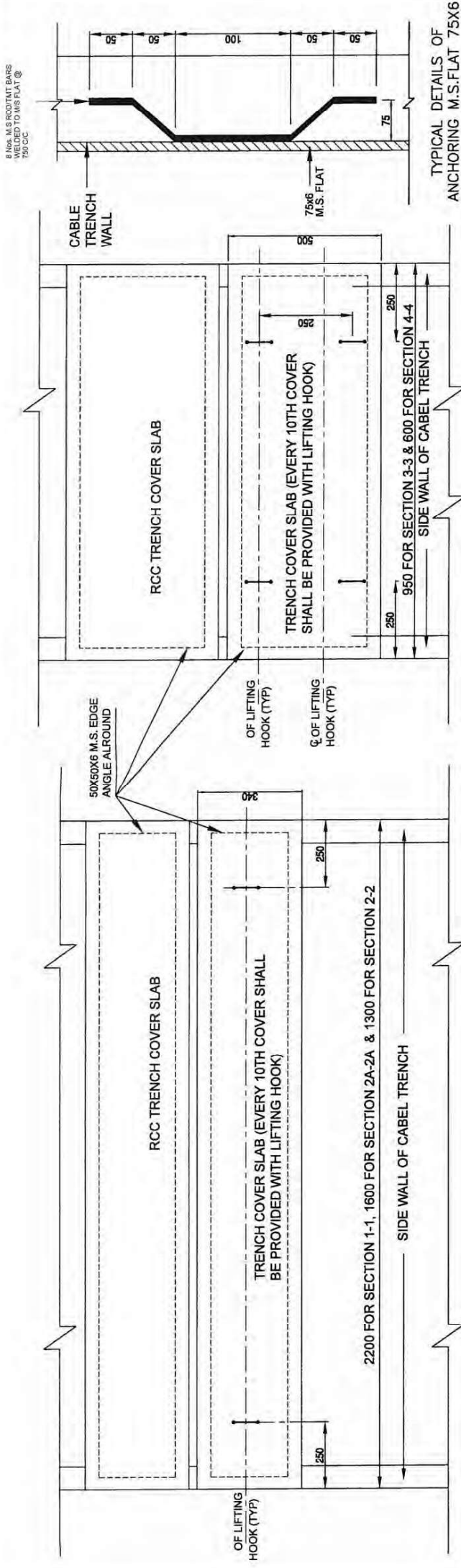


SECTION F-F



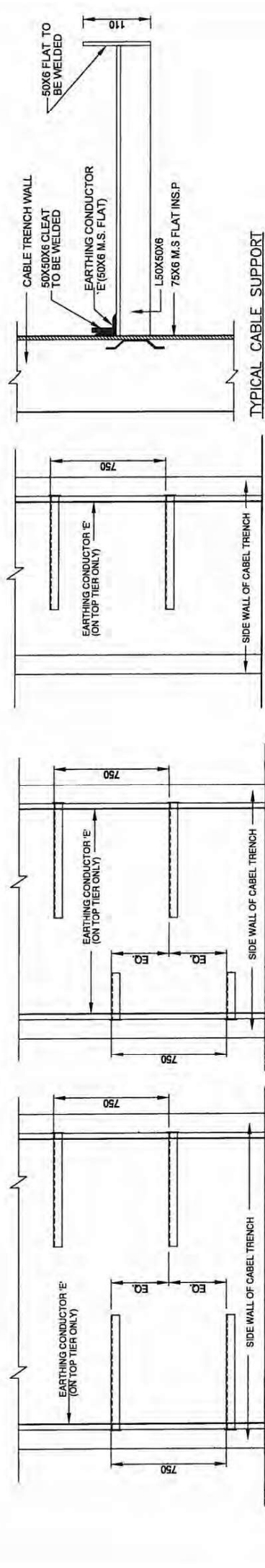
TITLE: DETAILS OF DRAIN (Sh 2-2)

**TITLE : DETAILS OF CABLE TRENCHES AND CABLE TRENCH
ROAD CROSSING (Sh 1-4)**



DETAIL OF TRENCH COVER SLAB FOR SECTION (3-3) & (4-4)

RCC COVER PLAN FOR SECTION (1-1) (2-2) & (2A-2A)



CABLE TRAY SUPPORT FOR SECTION 2-2 & 3-3

CABLE TRAY SUPPORT FOR SECTION 2A-2A

CABLE TRAY SUPPORT FOR SECTION 1-1



CABLE TRAY SUPPORT FOR SECTION 2-2 & 3-3

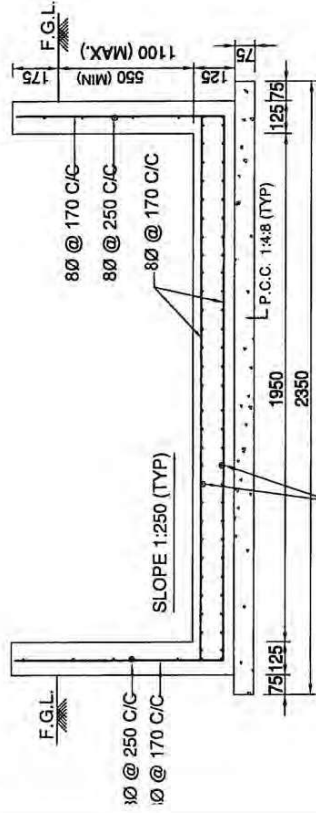
CABLE TRAY SUPPORT FOR SECTION 2A-2A

CABLE TRAY SUPPORT FOR SECTION 1-1

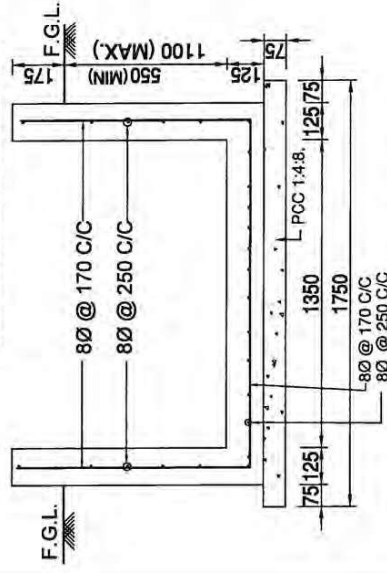
TYPICAL DETAIL OF SLAB SUPPORT

INDICATIVE DRAWING FOR TENDER PURPOSE ONLY

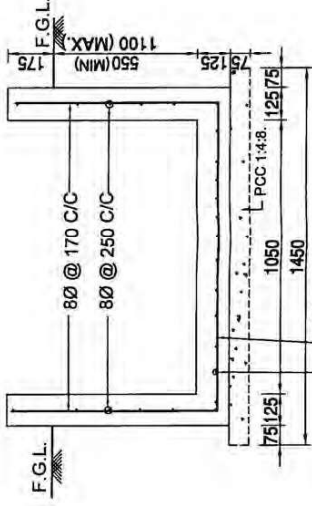
TITLE : DETAILS OF CABLE TRENCHES AND CABLE TRENCH ROAD CROSSING (Sh 2-4)



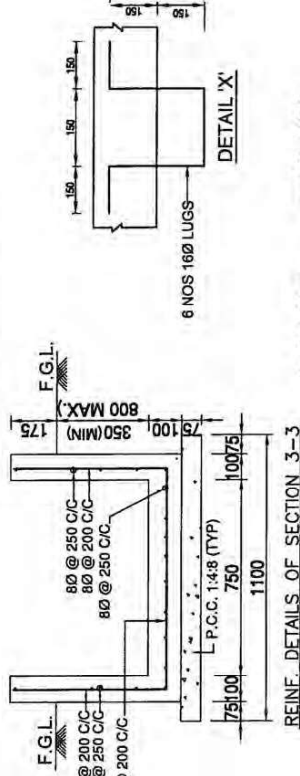
REIN. DETAILS OF SECTION 1-1



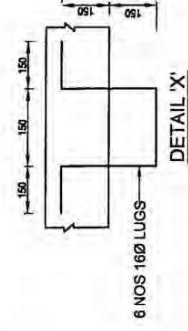
REIN. DETAILS OF SECTION 2A-2A



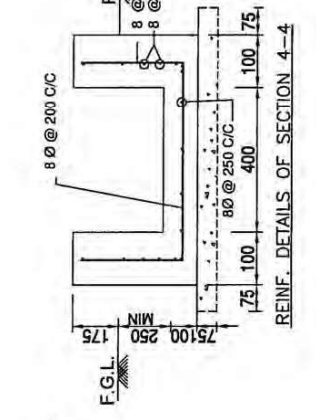
REIN. DETAILS OF SECTION 2-2



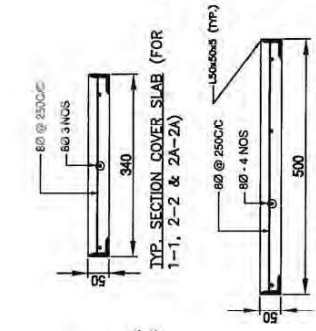
REIN. DETAILS OF SECTION 3-3



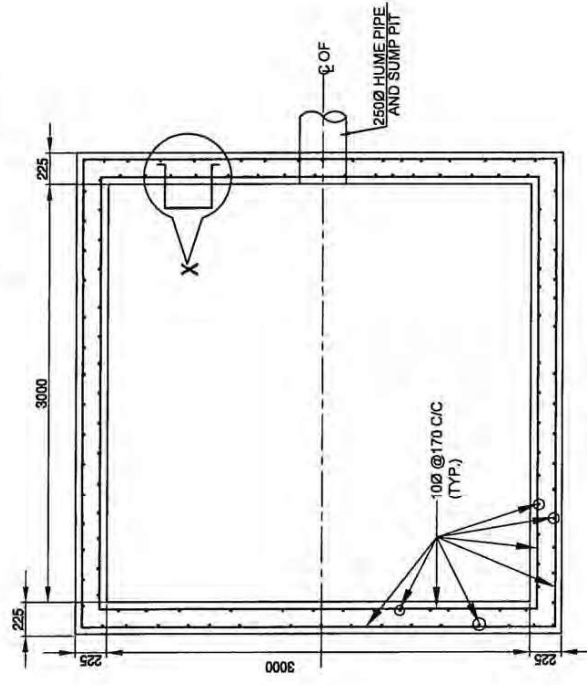
DETAIL 'X'



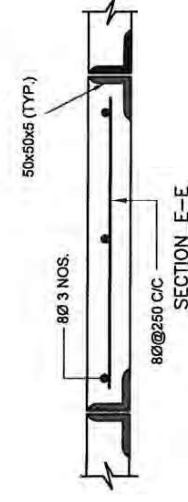
REIN. DETAILS OF SECTION 4-4



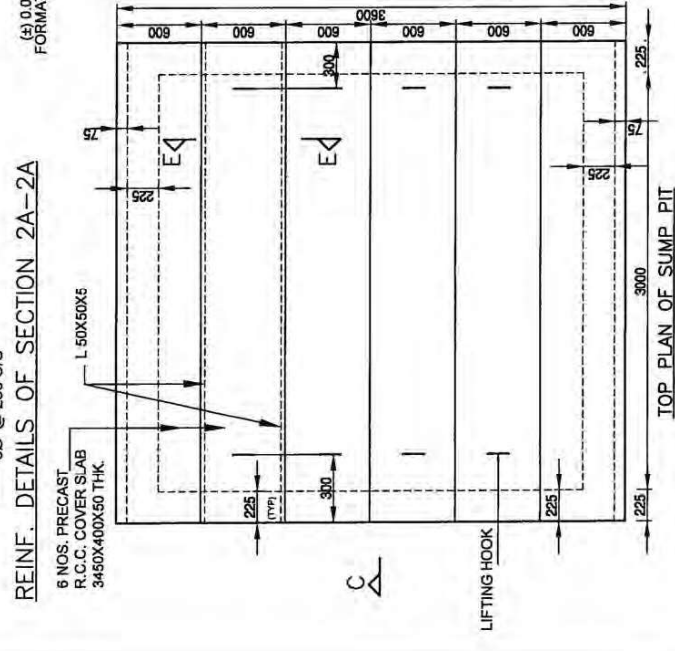
TYP. SECTION COVER SLAB (FOR 1-1, 2-2 & 2A-2A)



SECTION D-D



SECTION E-E



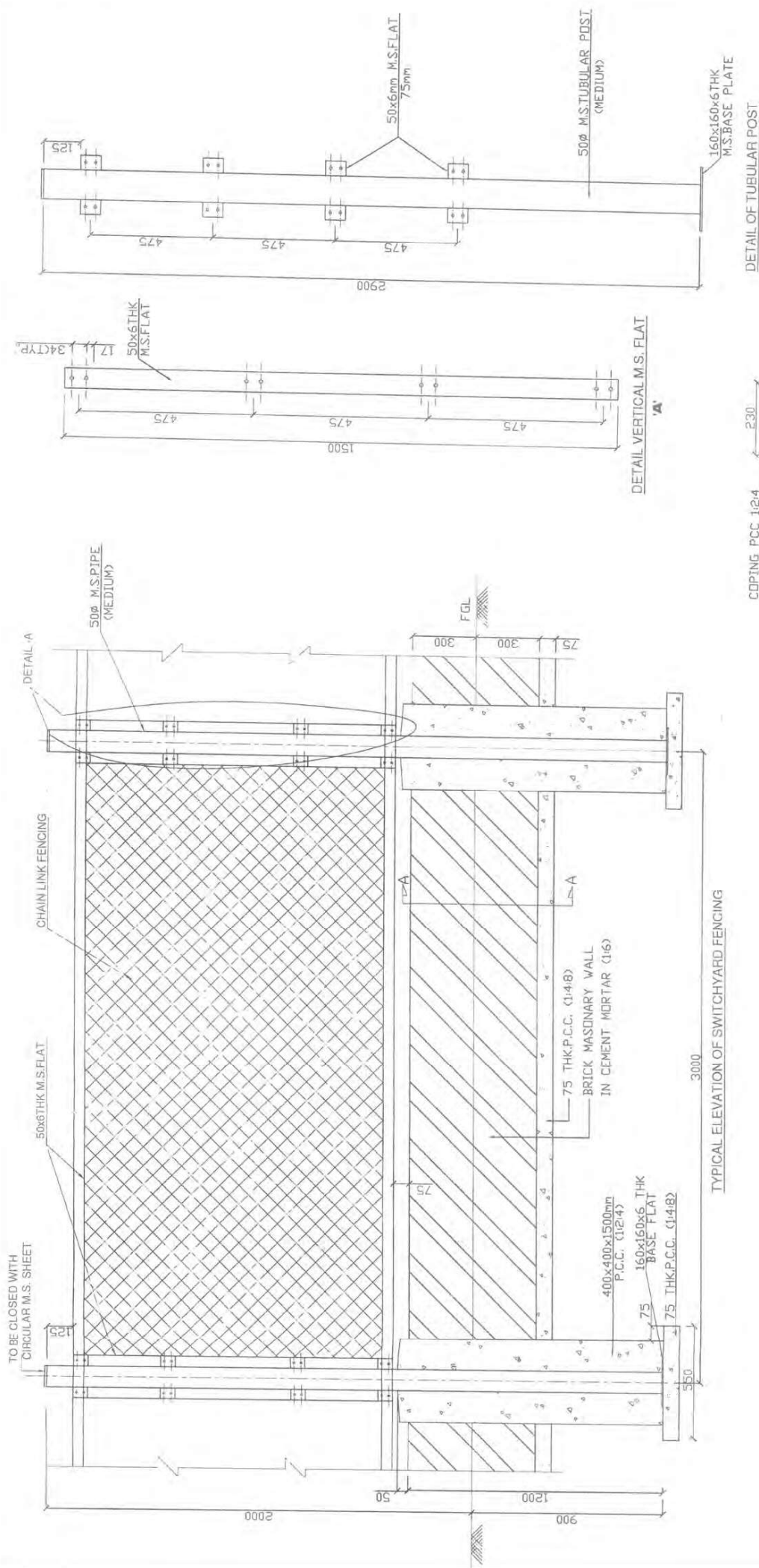
TOP PLAN OF SUMP PIT

SECTION C-C

INDICATIVE DRAWING FOR TENDER
PURPOSE ONLY

TITLE : DETAILS OF CABLE TRENCHES AND
CABLE TRENCH ROAD CROSSING (Sh 3-4)





NOTES:

1. ± 0.00 SHALL DENOTE SWITCHYARD FINISHED GROUND LEVEL
2. CHAIN LINK FENCING SHALL HAVE 315 mm DIAMETER WIRE AS PER IS 2721 WITH 75x75 mm MESH SIZE AND GALVANIZED.
3. TUBULAR POST SHALL BE PLACED @ 3.0m CENTRE TO CENTRE.
4. CORNER TUBULAR POST SHALL BE PROVIDED CLEATS IN FOUR SIDES SUITING TO REQUIREMENT.
5. TUBES/PIPES OF POST SHALL BE GALVANIZED
6. CONCRETE FOR P.C.C. SHALL CONFORM TO CPWD SPECIFICATION.
7. CONCRETE PEDESTAL SHALL BE CAST IN VIRGIN SOIL/WELL COMPACTED EARTH.
8. EXPOSED SURFACE OF BRICK MASONRY/CONCRETE PEDESTAL SHALL BE PLASTERED WITH 12MM THICK CEMENT PLASTER 1:6 AND PAINTED WITH CEMENT PAINT OF REQUIRED SHADE.

INDICATIVE DRAWING FOR TENDER
PURPOSE ONLY

TITLE : STANDARD DETAILS FOR SWITCHYARD
CHAIN LINK FENCING