

Section 9. Drawings

Notes on Drawings

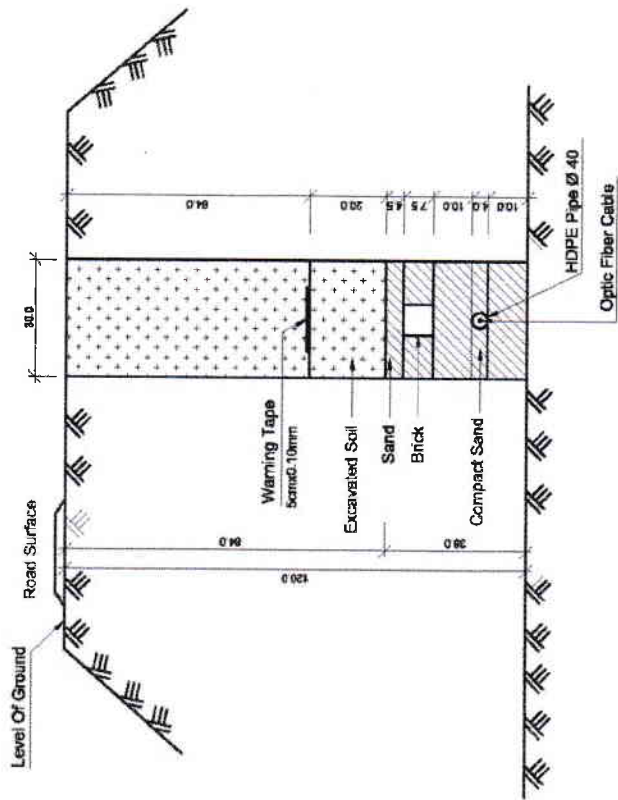
9.1 Attachments (Trench, HH & Others)

1. Standard Trench section Diagram
2. Structural Diagram of MH&HH
3. Indicative Bridge/Culvert Crossing Methods
4. Concrete marker post
5. ODF

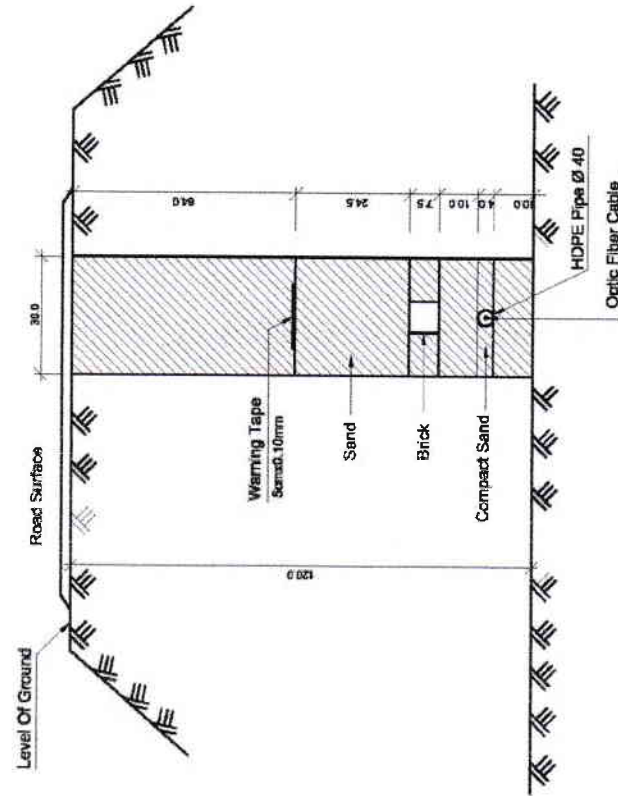
9.2 Attachments (Annex-1)



9.1.1.1 STANDARD TRENCH SECTIONAL DIAGRAM (1/2)

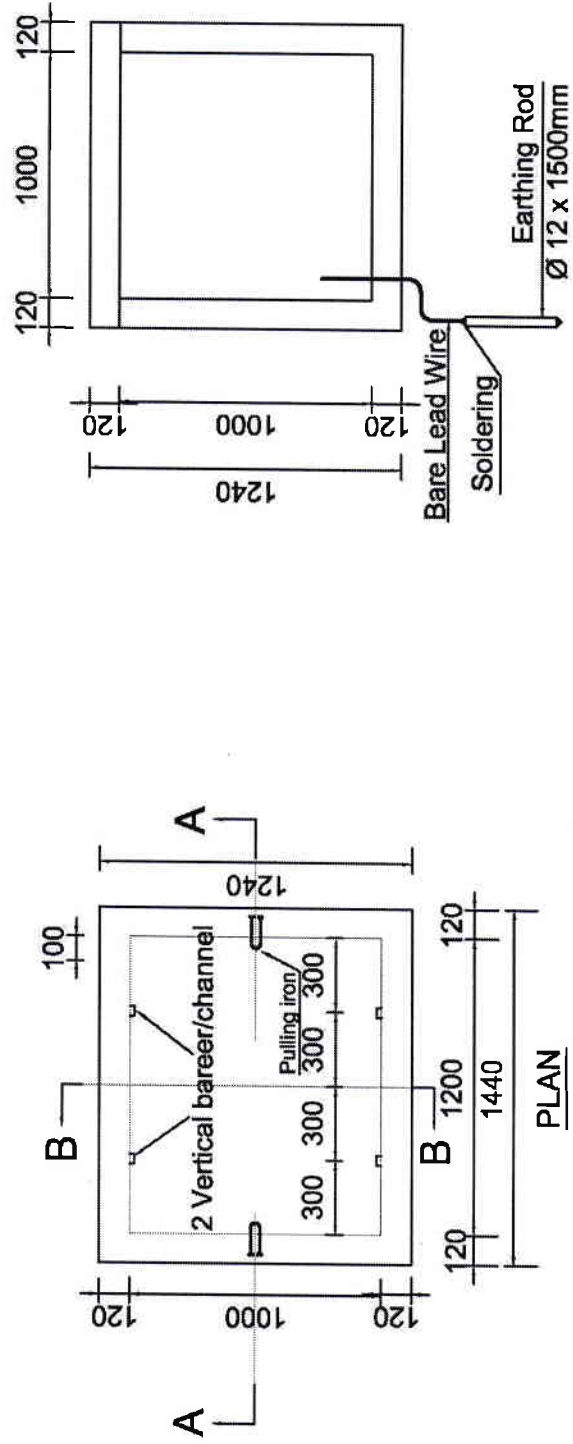


Sectional Drawing of 1 Way HDPE Ø40mm (Unit:cm)
(FOR SOIL ROAD)



Sectional Drawing of 1 Way HDPE Ø40mm (Unit:cm)
(FOR ASPHALT ROAD)

9.1.2 STRUCTURAL DIAGRAM M.H & H.H 1/5

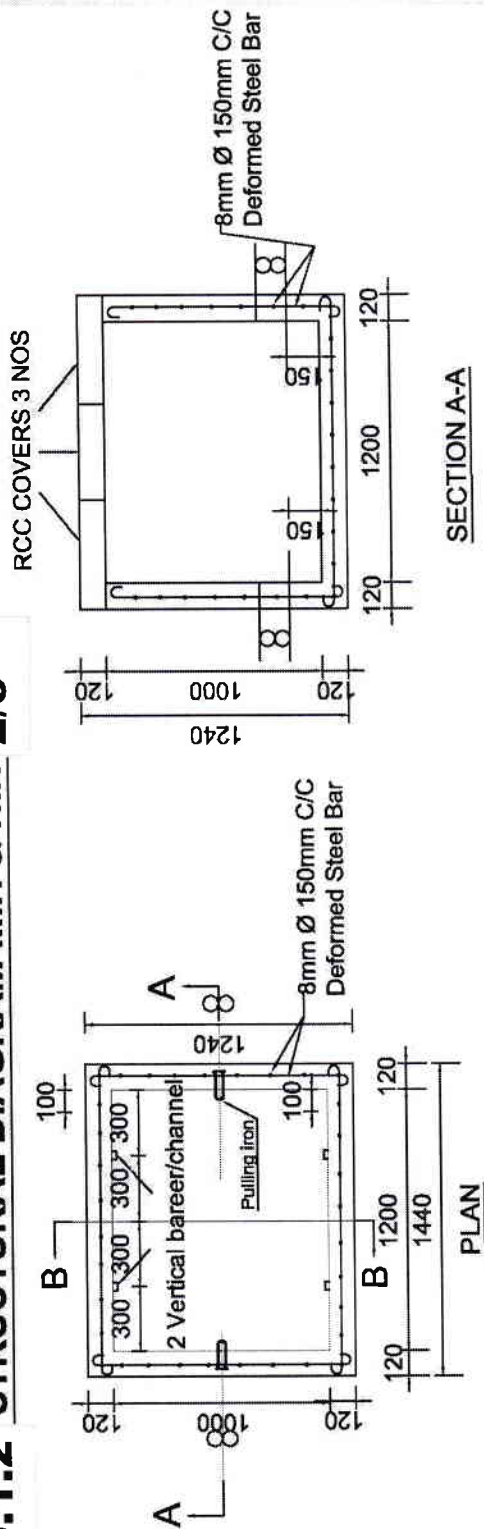


SECTION B-B

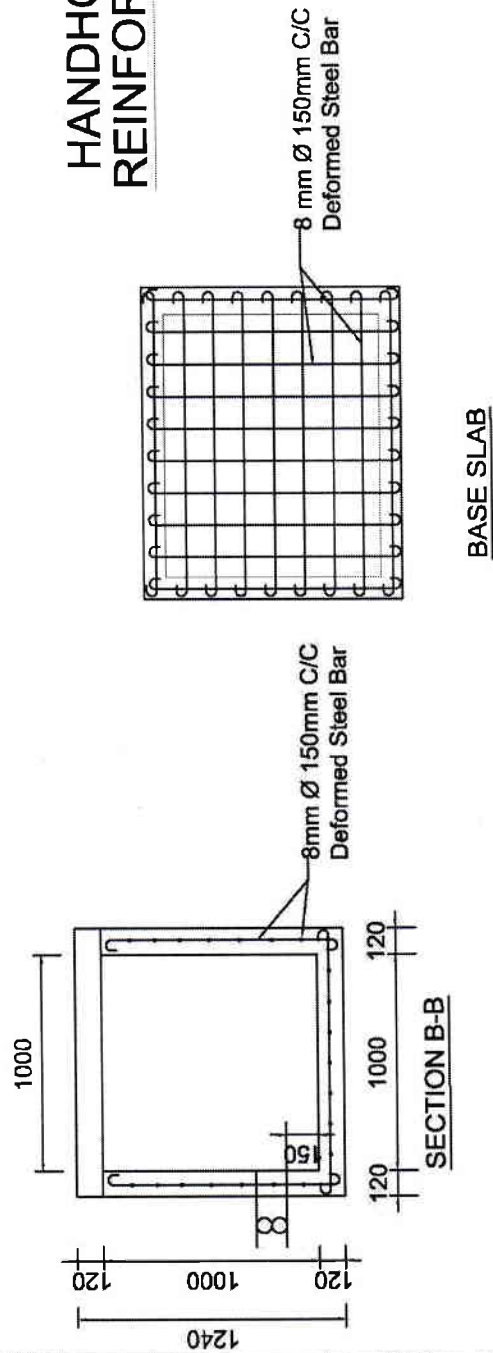
HANDHOLE-HH1

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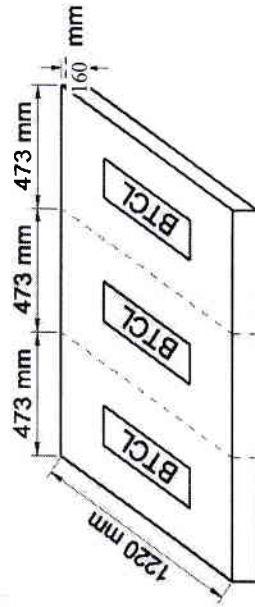
9.1.2 STRUCTURAL DIAGRAM M.H & H.H 2/5



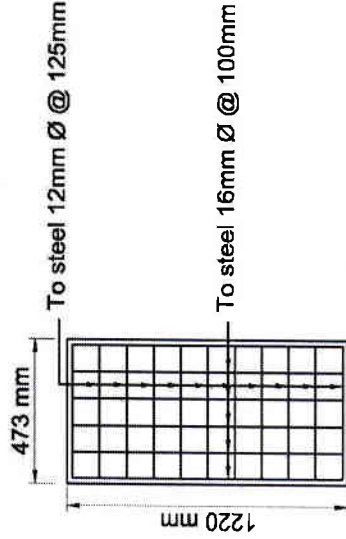
HANDHOLE-HH1 REINFORCEMENT



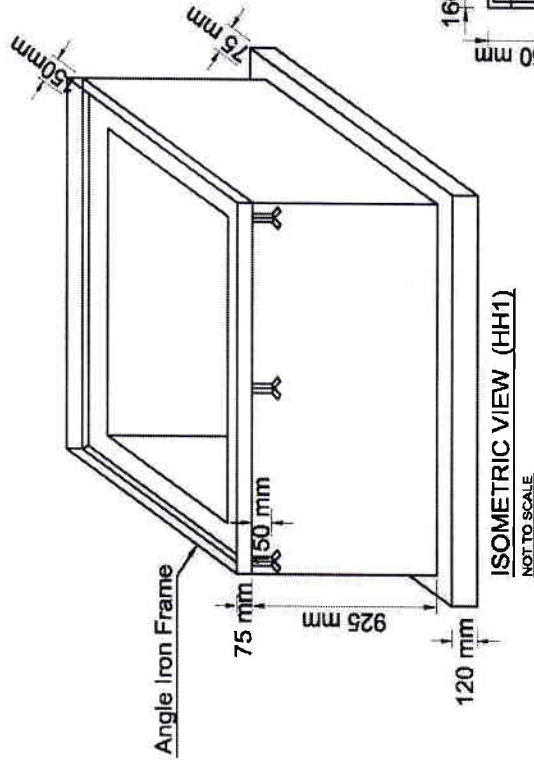
9.1.2 STRUCTURAL DIAGRAM M.H & H.H 3/5



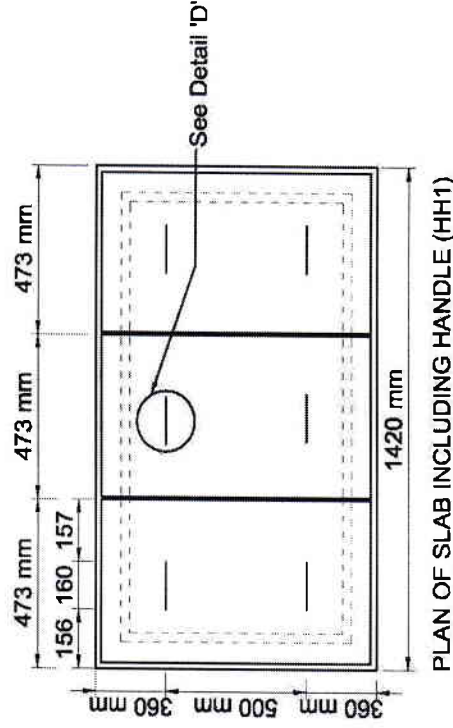
PROPOSAL FOR THREE PART TOP SLAB (HH1)



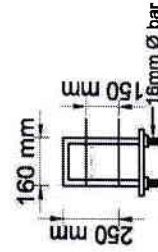
REINF. DETAIL OF TOP SLAB (HH1)



NOTE: ALL DIMENSIONS IN MM

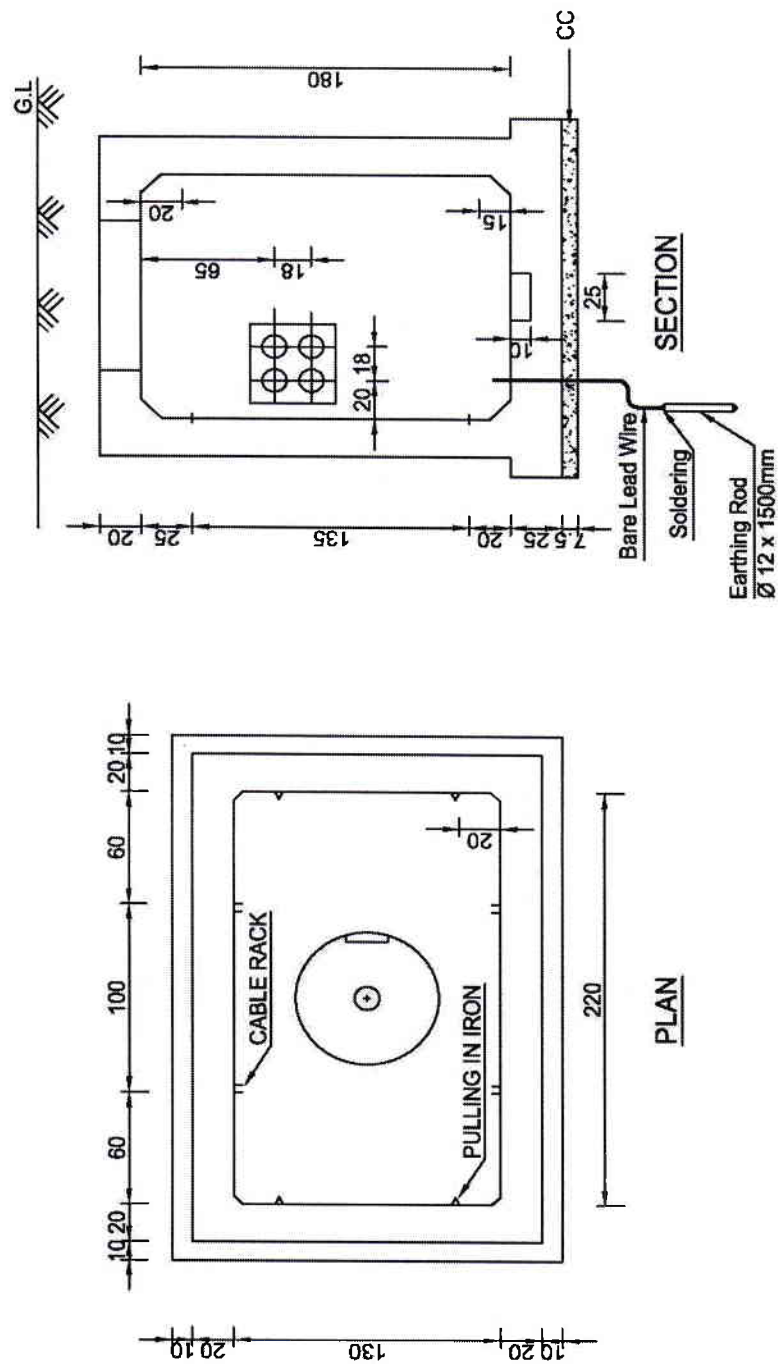


HANDHOLE COVER DETAILS-HH1



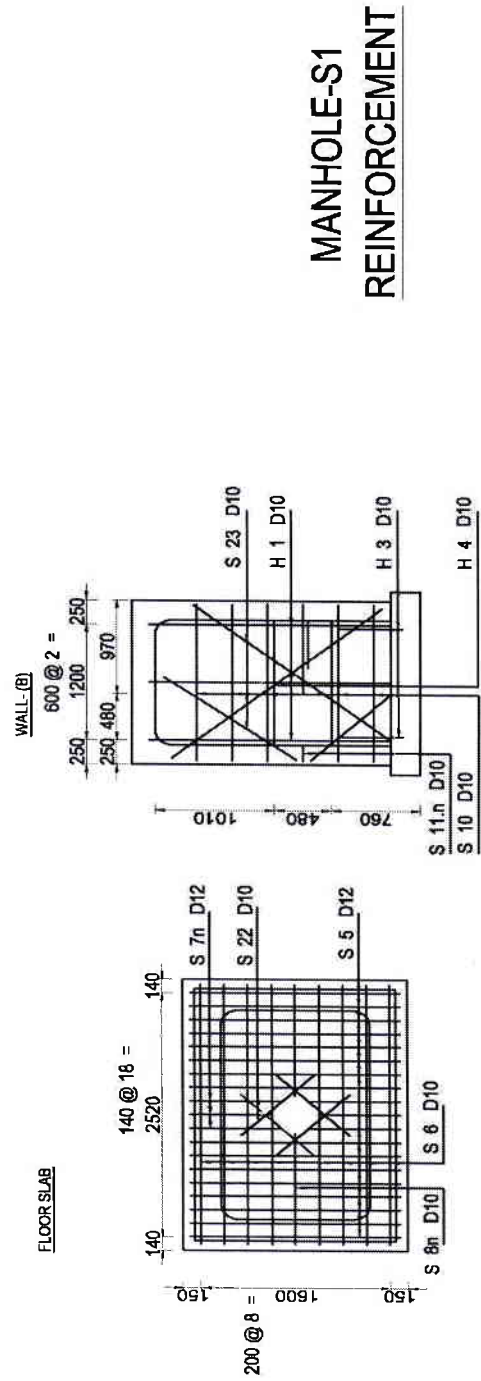
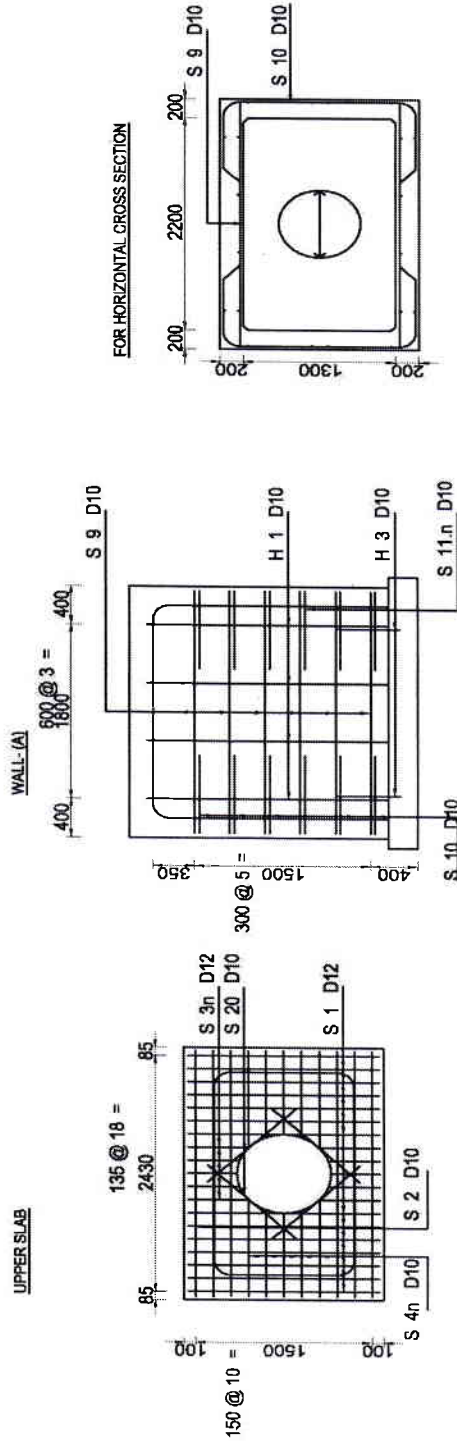
DETAIL OF HANDLE 'D'

9.1.2 . STRUCTURAL DIAGRAM M.H & H.H 4/5



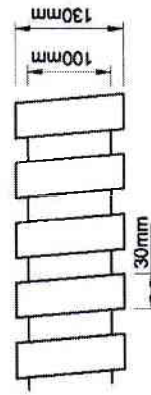
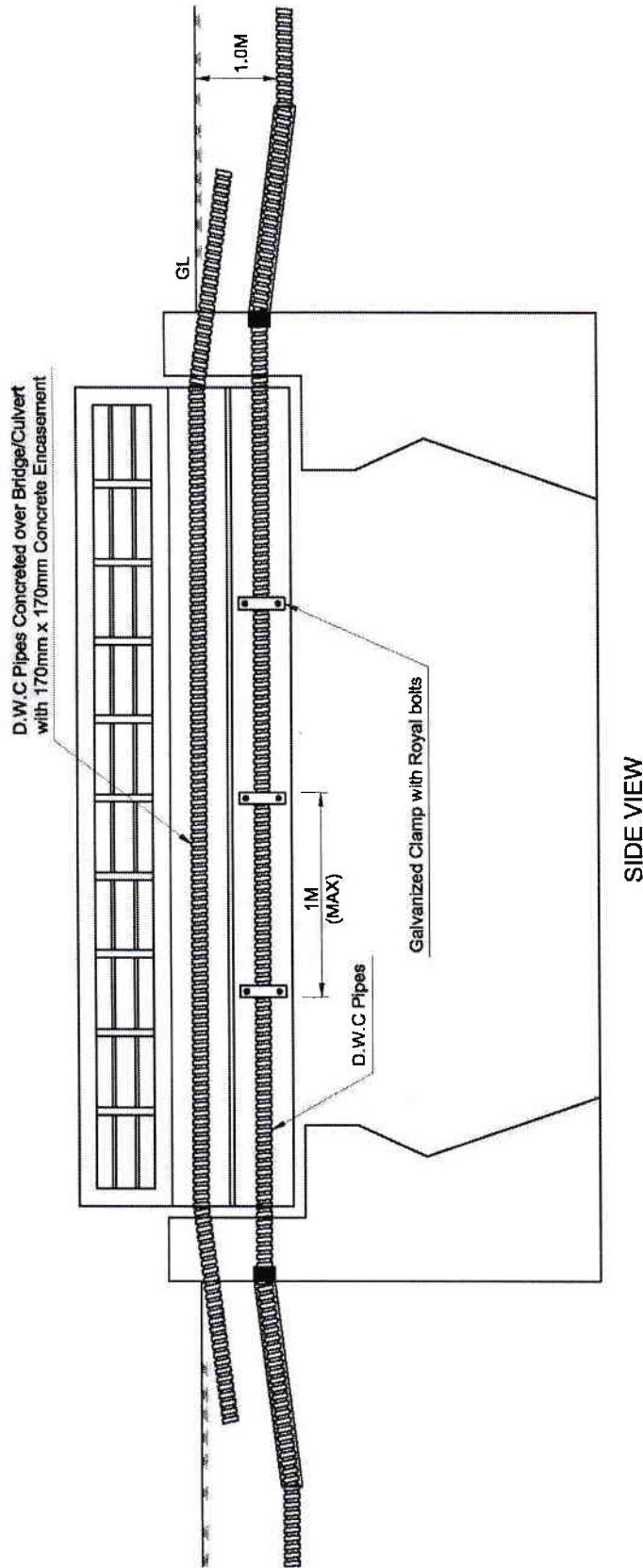
MANHOLE - S1

9.1.2 STRUCTURAL DIAGRAM M.H & H.H 5/5



**MANHOLE-S1
REINFORCEMENT**

9.1.3 INDICATIVE BRIDGE CROSSING METHODS



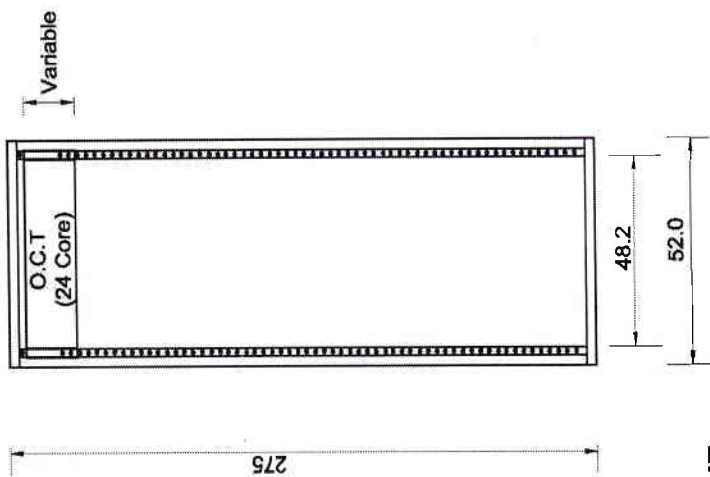
D.W.C PIPE SIDE VIEW

NOTE : The noted portion of 130mm double walled corrugated HDPE connecting to 40mm HDPE shall not be bent abruptly and shall be extended to sufficient depth of normal soil cover.

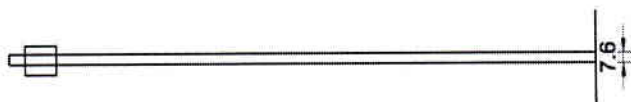
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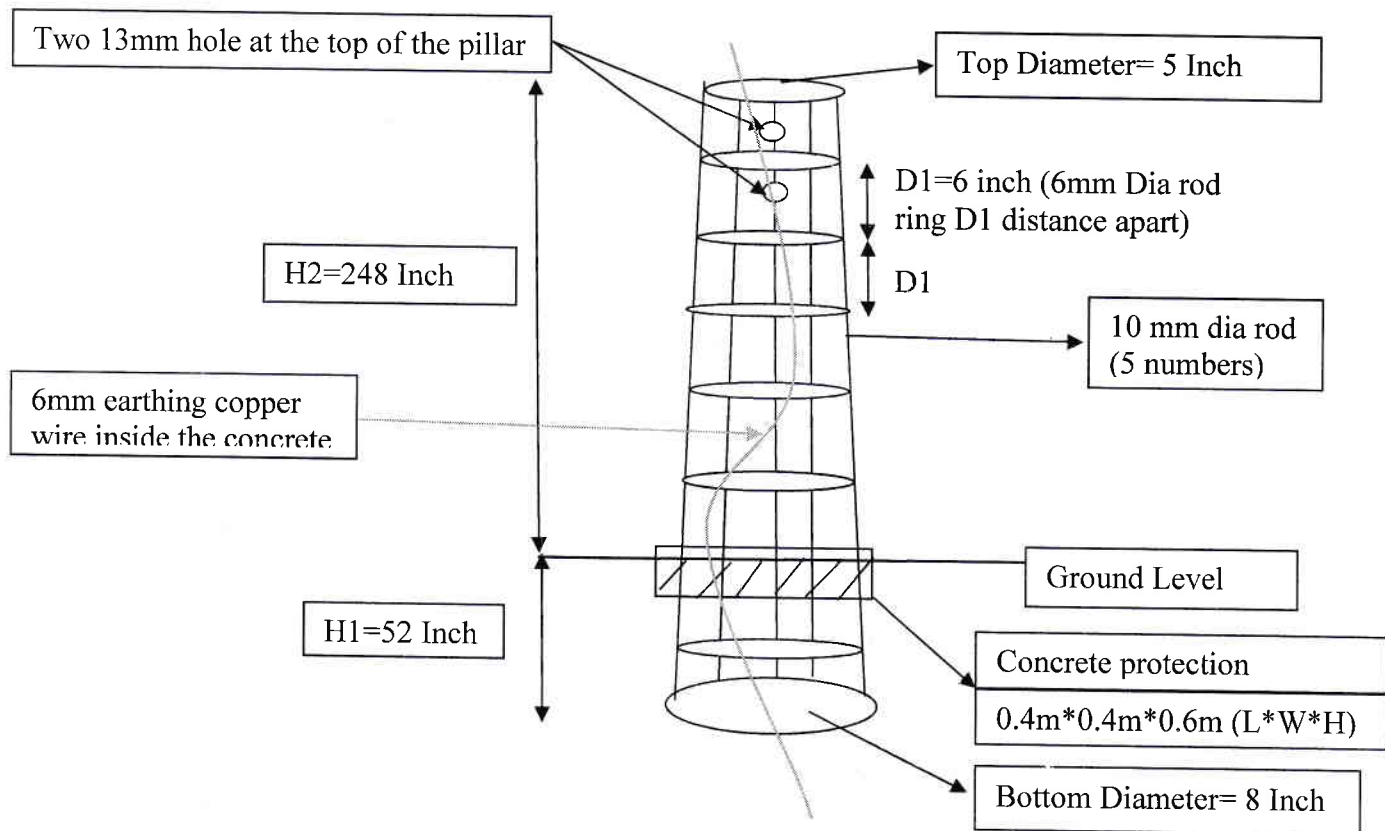


9.1.5 O.D.F



OPTICAL DISTRIBUTION FRAME
ALUMINUM





The pole/Tower specification will be as the following:

- ❖ Height: 300 Inch/7.6M
- ❖ Shape: Solid conical reinforce cement concrete
- ❖ Stone/Brick Chip : Sand : Portland Cement= 3 : 1.5 : 1
- ❖ Bottom Diameter: 8 Inch
- ❖ Top Diameter: 5 Inch
- ❖ Number of vertical rod: 5*10 mm (BSRM, RSRM, AKS)
- ❖ Horizontal ring spacing: 6 Inch apart
- ❖ Concrete protection dimension: 0.4m*0.4m*0.6m (L*W*H)
- ❖ 6mm earthing copper wire inside the concrete
- ❖ Two 13mm hole at the top of the pillar
- ❖ “BTCL” name should be embossed on pole at 2 spot

Note: 3% of pole have to break as a choice of fortune to test the strength of the pole.