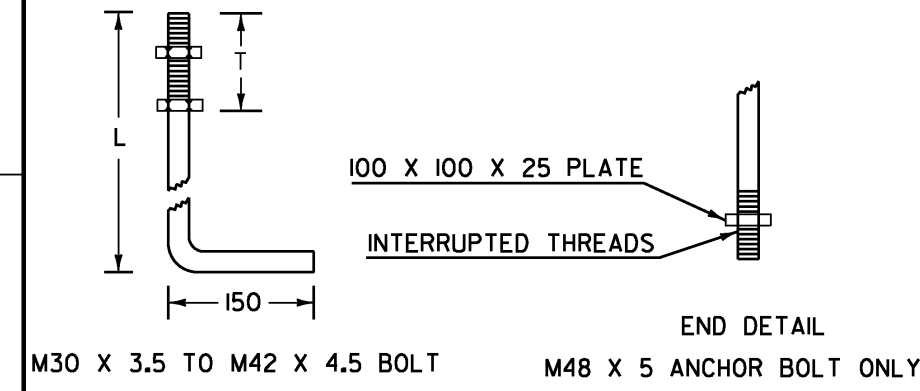
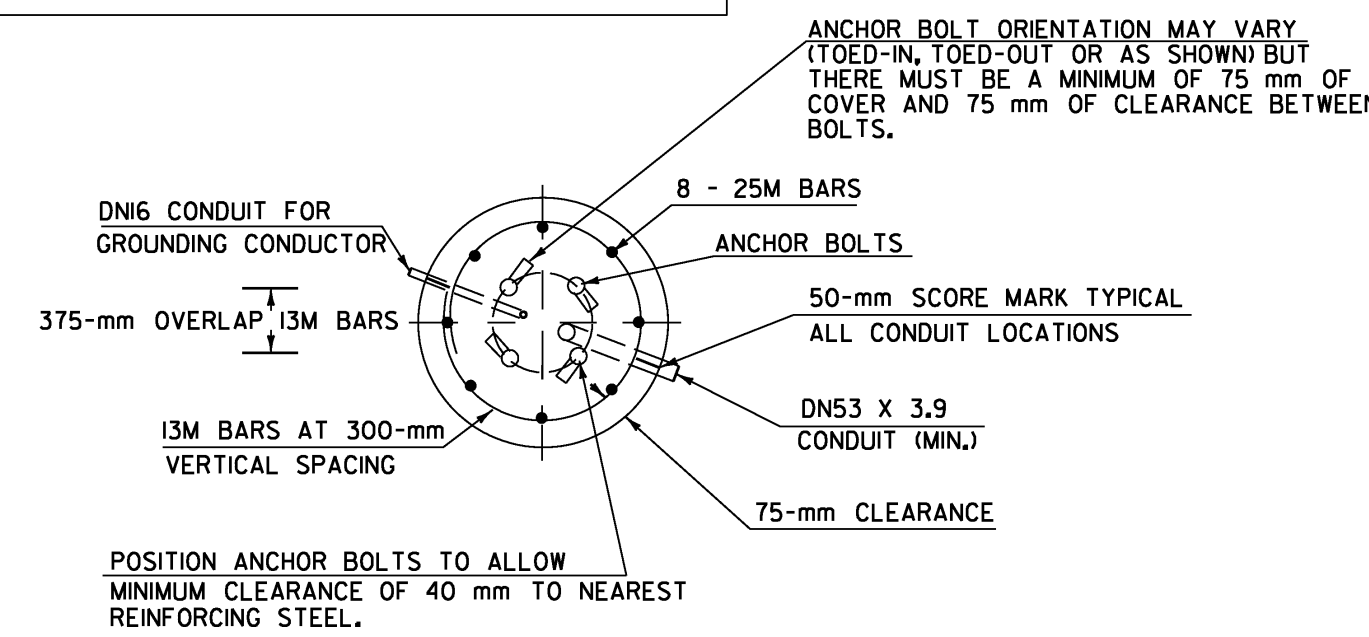


**ANCHOR BOLT DETAIL**

SIZE	L (mm)	T (mm)
M30 X 3.5 X 1200	1050	200
M36 X 4 X 1500	1350	230
M42 X 4.5 X 2250	2100	230
M48 X 5 X 2400	2400	230



**ANCHOR BOLT DETAIL**



**OVERHEAD TRAFFIC SIGN BRIDGE FOOTING DETAIL**

(SPREAD FOOTINGS OR PILES ARE OPTIONAL)

13.30 mm<sup>2</sup> SOFT DRAWN COPPER GROUNDING CONDUCTOR CONNECT TO GROUNDING LUG IN POLE

100-mm GROUT PLACED AFTER POLE IS PLUMBED

CONDUITS TO EXTEND 50 mm ABOVE BASE GROUT 50-mm STEEL CLEARANCE

600 mm UNDER SIDEWALK OR CURB (MIN.)  
900 mm UNDER ROADWAY (MIN.)

DN53 X 3.9 ELEC. CONDUIT(S) (MIN.) AS REQ'D.  
ANCHOR BOLTS SEE DETAIL AND CHART AT LEFT

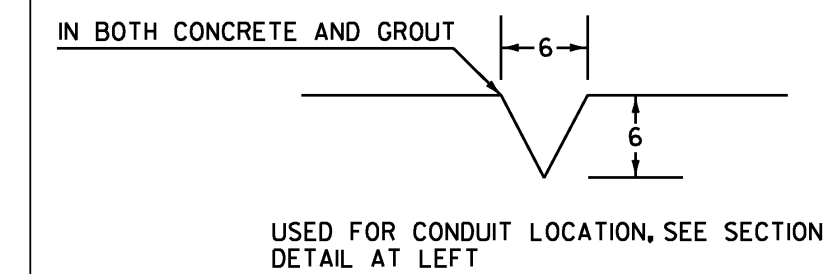
8 - 25M BARS (25 mm SHORTER THAN FOOTING HEIGHT)

13M BARS AT 300-mm VERTICAL SPACING, 75-mm CLEARANCE

16 X 2400 MIN. COPPER CLAD GROUNDING ELECTRODE. SEE NOTE #1 ON THE CANTILEVER/OVERHEAD SIGN/SIGNAL SUPPORT NOTE SHEET.

ANCHOR BOLT ORIENTATION MAY VARY (TOED-IN, TOED-OUT OR AS SHOWN) BUT THERE MUST BE A MINIMUM OF 75 mm OF COVER AND 75 mm OF CLEARANCE BETWEEN BOLTS.

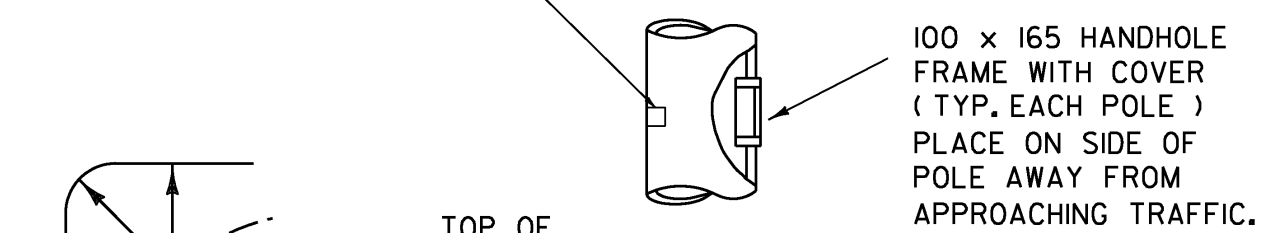
**ELEVATION**



**NOTES:**

1. SEE CANTILEVER / OVERHEAD SIGN / SIGNAL SUPPORTS NOTE SHEET FOR ADDITIONAL INFORMATION.
2. MANUFACTURER TO DETERMINE TYPE OF STRUCTURE REQUIRED.
3. MONOTUBES SHALL NOT BE USED FOR SIGNS OVER 3 m IN HEIGHT.
4. STREET LIGHTING IS OPTIONAL. SEE PLAN SHEETS OR SECTION.
5. MINIMUM CLEARANCE FROM SIGNS TO ROADWAY IS 5.2 m.

GROUND WIRES SHALL BE CONNECTED TO THE GROUNDING LUG INSIDE THE HANDHOLE ACCESS.



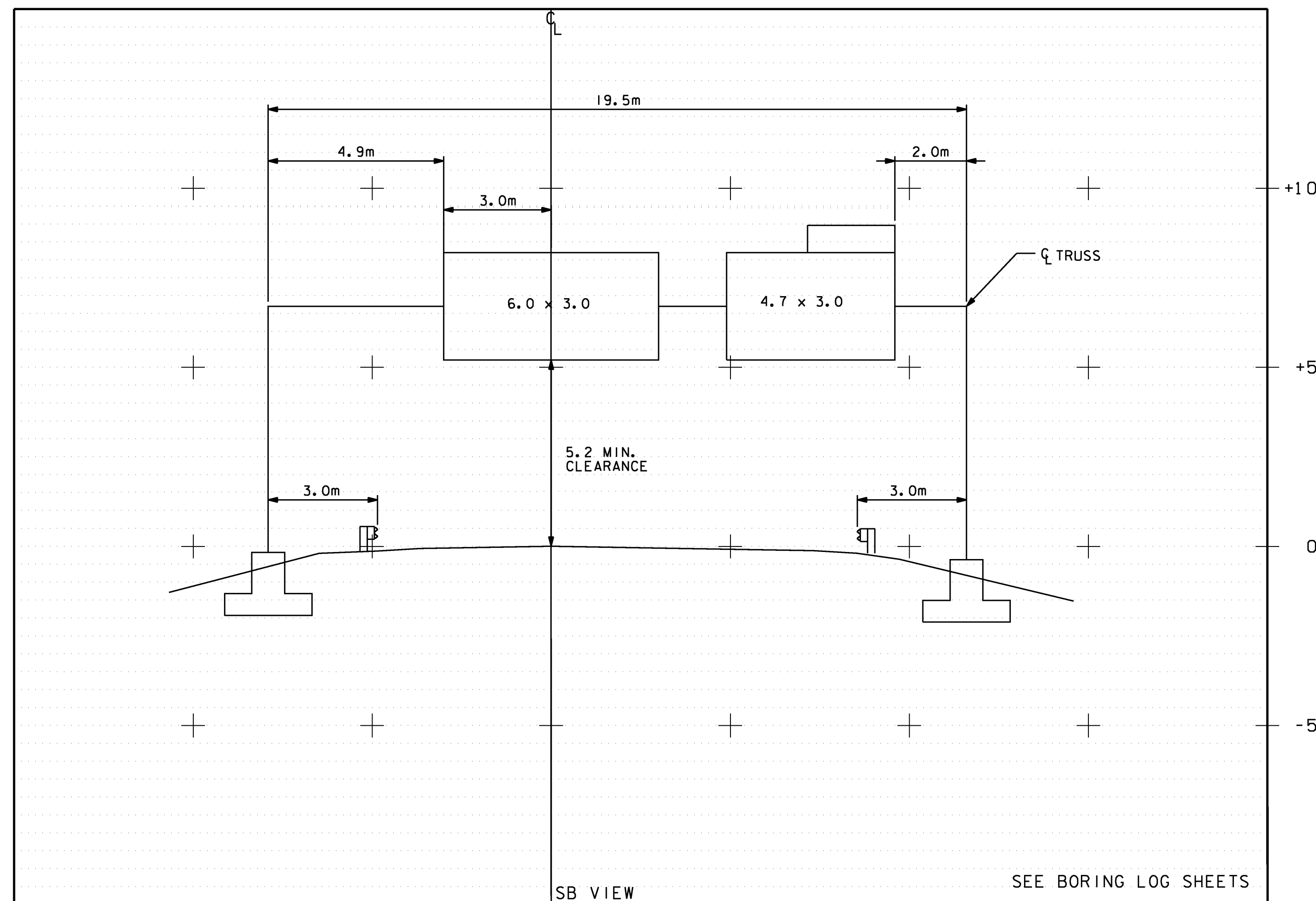
MINIMUM DIMENSION - EDGE OF BOLT HOLE TO EDGE OF BASE PLATE OR FACE OF UPRIGHT = ANCHOR BOLT DIA.

SEE DETAIL AT LEFT

BOLT CIRCLE (BC)

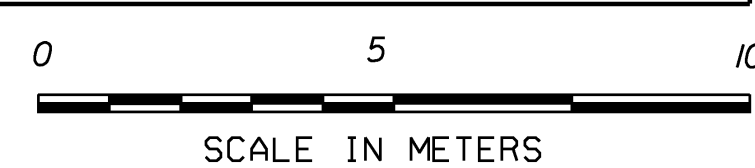
ALIGN POLE BASE 90° TO HORIZONTAL MEMBER(S)

**POLE BASE AND BASE PLATE DETAIL**



(SEE SHEET 3I FOR LOCATION PLAN)

**OVERHEAD SIGN BRIDGE CROSS SECTION**



NOTE: ALL DIMENSIONS ARE IN MILLIMETERS (mm) EXCEPT WHERE NOTED.

DATE	REVISIONS	BY

**OVERHEAD TRAFFIC SIGN BRIDGE / FOOTING DETAIL SHEET #3**

PREPARED BY \_\_\_\_\_ DATE \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_ DATE \_\_\_\_\_  
 DESIGN SUPERVISOR \_\_\_\_\_ DATE \_\_\_\_\_  
 PROJ. \_\_\_\_\_  
**M.M. 128.700 SB**  
 TRAFFIC SHEET NO. \_\_\_\_\_ OF \_\_\_\_\_  
 SHEET 86 OF 88 SHEETS



NOT TO SCALE