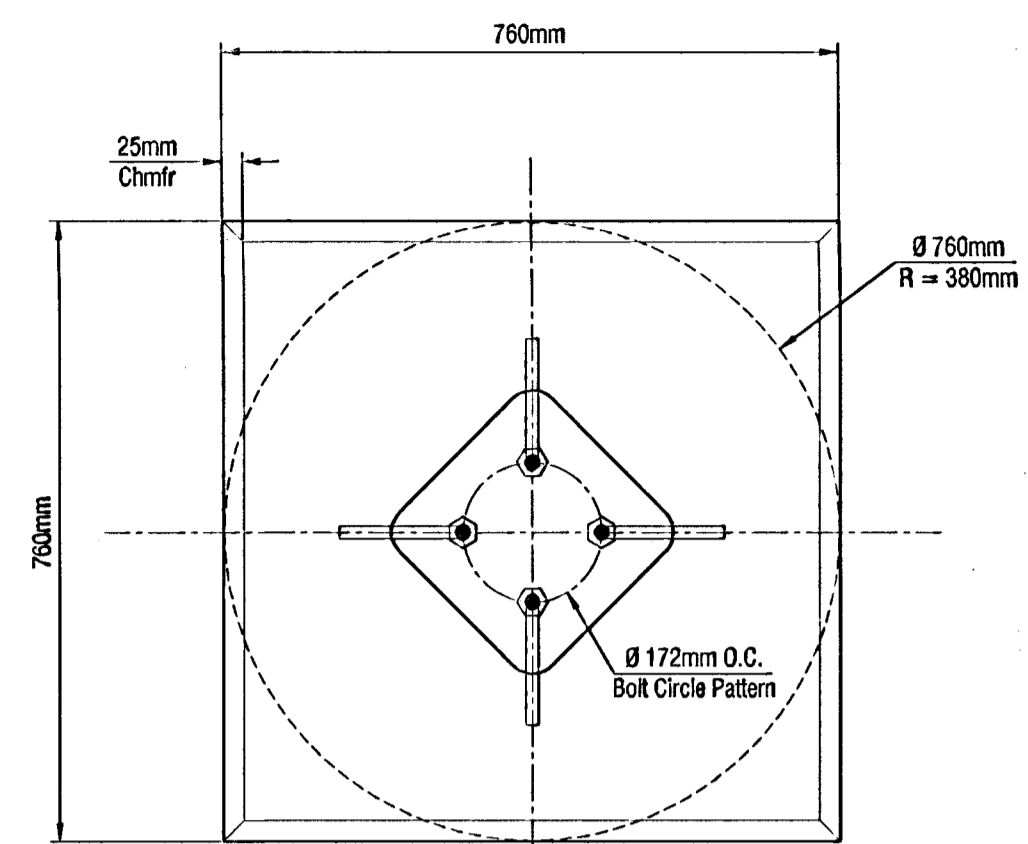
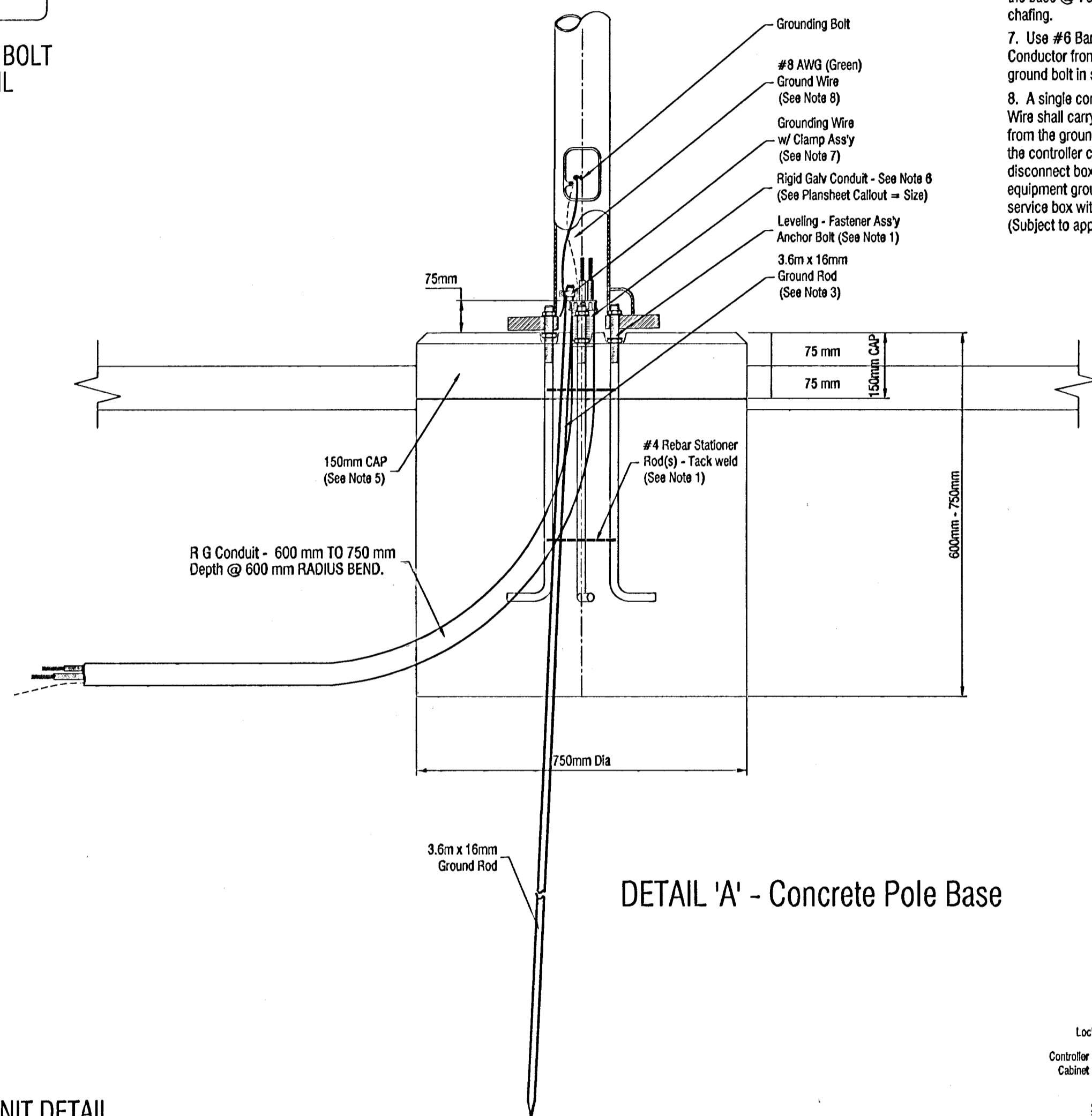


ANCHOR BOLT  
DETAIL

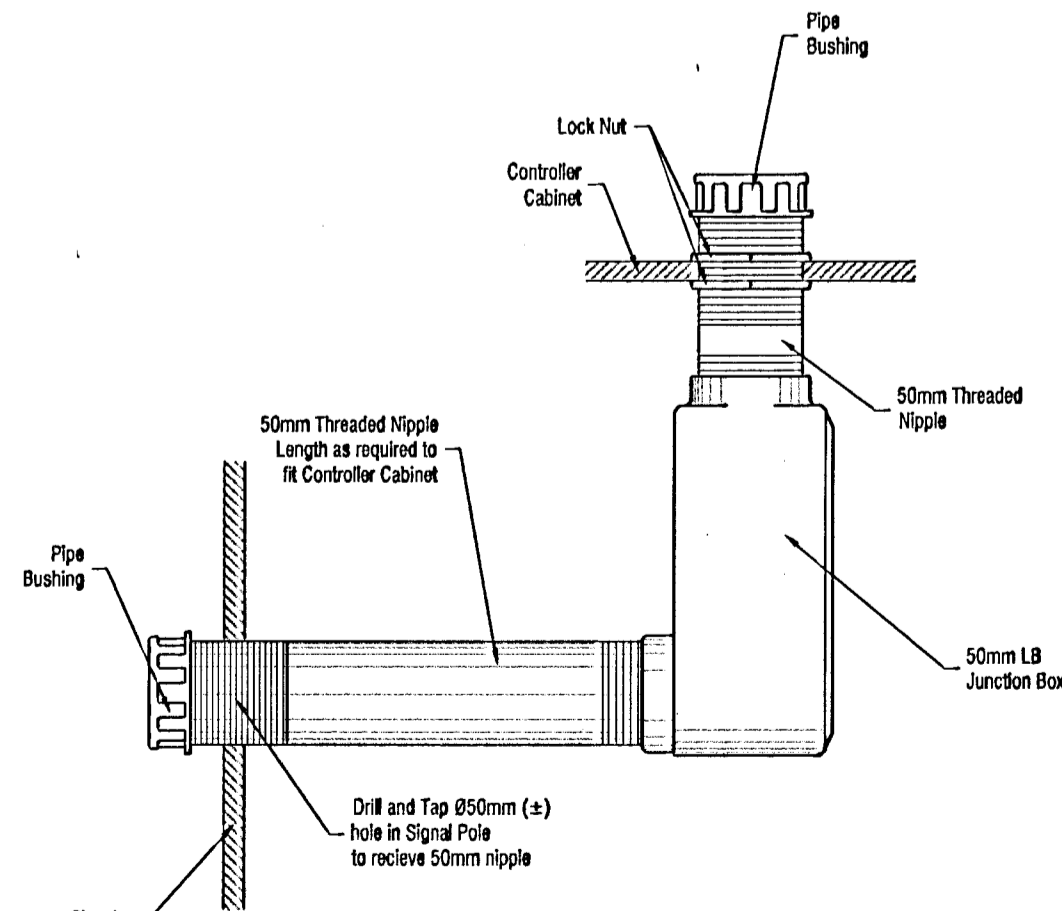


NOTES FOR DETAIL 'A':

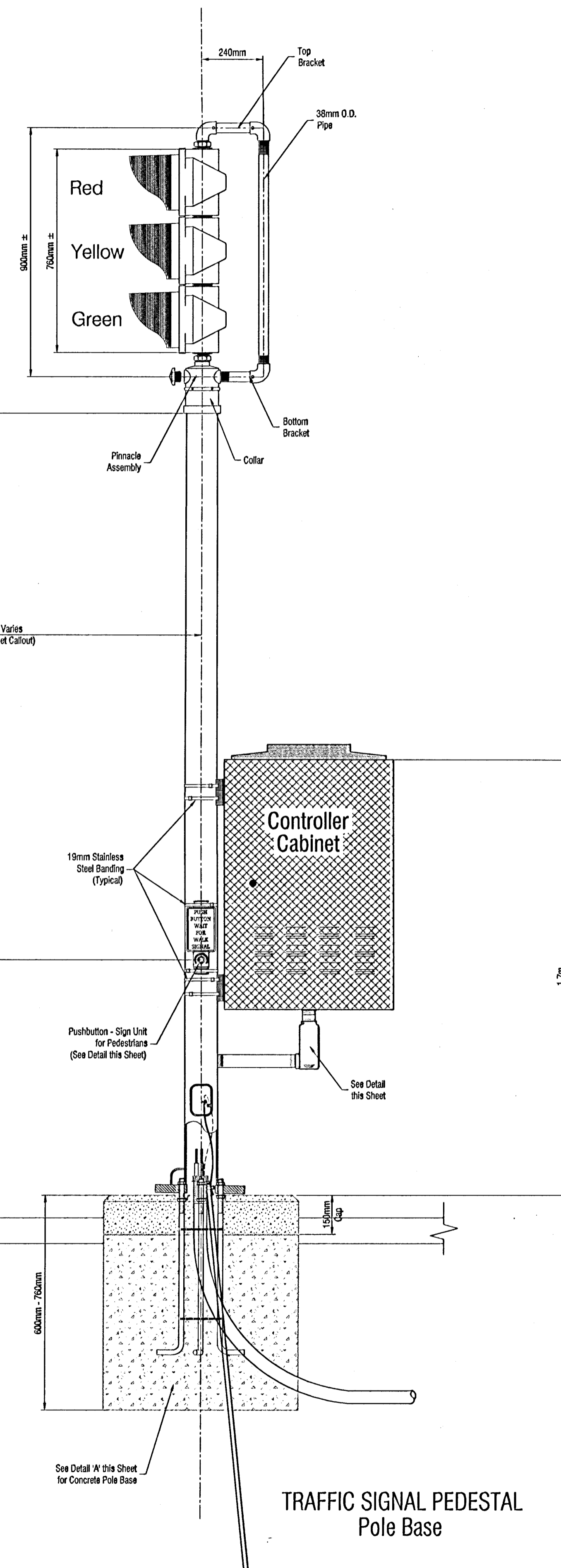
1. The anchor bolts for the signal pole shall be tack welded together in a 406mm or 508mm diameter bolt pattern (on center as is shown) to maintain the required bolt circle pattern and to aid in vertical positioning while the concrete base is being poured.
2. Use Keystone "No-Weld Number 1 Anti-Seize Anti-Seize Compound" on all nuts and bolts.
3. The 3.6m x 16mm ground rod is to be positioned in place PRIOR TO pouring the concrete base.
4. Class 'A' concrete shall be used to construct the concrete base.
5. Construct a 150mm thick x 900mm square concrete cap after pole has been erected and plumbed. Chamfer the top edge @ 25mm. Subject to approval by the engineer PRIOR TO construction of cap.
6. All conduits shall have an approved plastic or metal bushing installed above the base @ 75mm (min) to prevent cable chafing.
7. Use #6 Bare Copper Ground Conductor from clamp on ground rod to ground bolt in signal pole access hole.
8. A single conductor stranded #8 Green Wire shall carry the equipment ground from the ground lug of all signal poles to the controller cabinet and the power disconnect box. When necessary, the equipment ground can be spliced in the service box with a split bolt connector. (Subject to approval by the engineer)



DETAIL 'A' - Concrete Pole Base

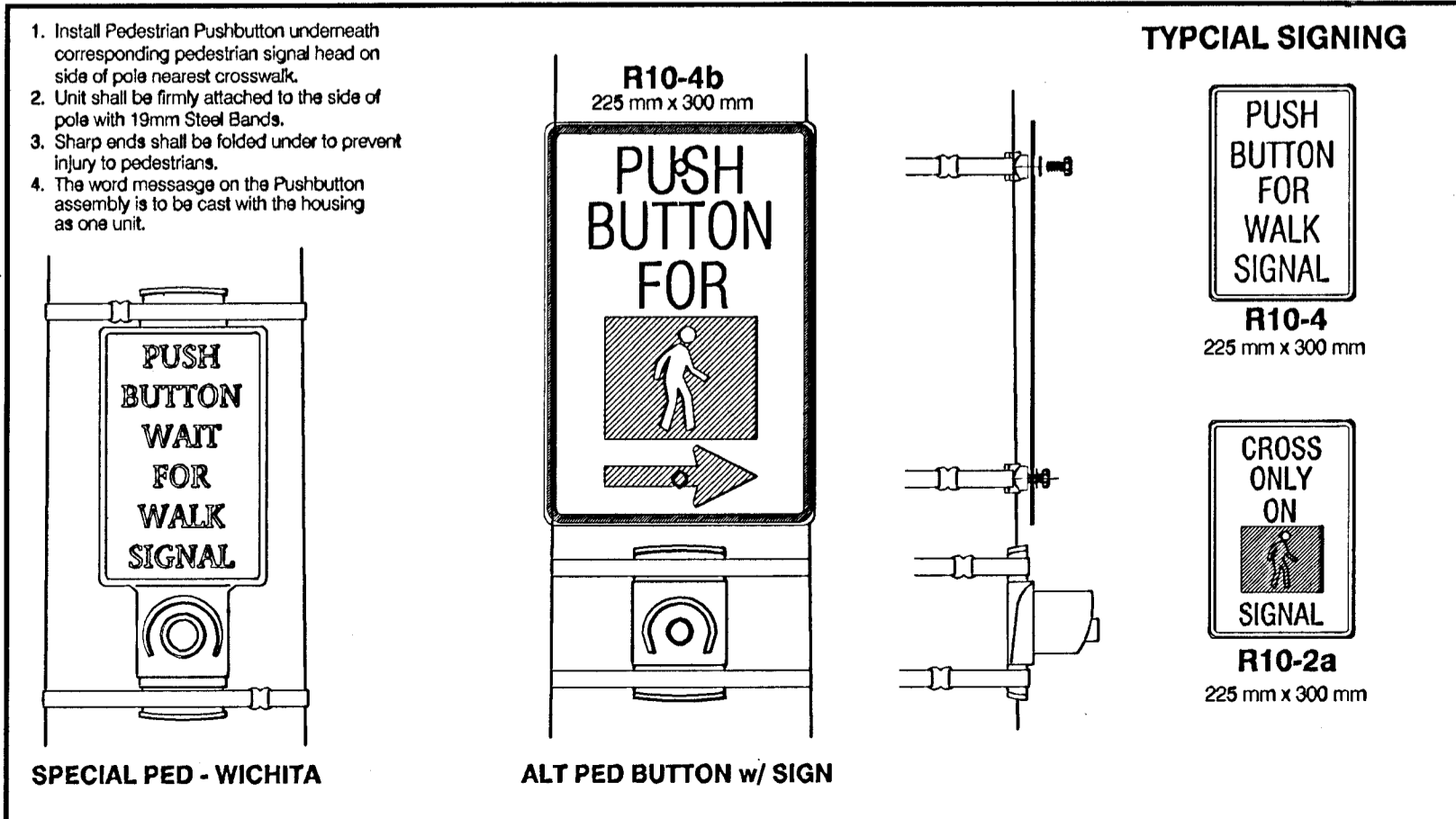


CONTROLLER CABINET TO SIGNAL POLE  
CONNECTION DETAIL



TRAFFIC SIGNAL PEDESTAL  
Pole Base

PEDESTRIAN PUSHBUTTON/SIGN UNIT DETAIL



DESIGN	DATE	CITY PROJECT NUMBER	BAUGHMAN PROJECT NUMBER
STAFF	JULY99	472-76-245-82910	98-01-E965
DRAWN	SCALE	APPROVED	DIRECTOR
STAFF	NONE	JFB	F.M.C./M.N.I./T.R.A.F.F.I.C.
			SHEET TITLE
			TSP-DTL.DWG

CAPITAL IMPROVEMENT PROJECT  
**SIGNAL PEDESTAL & CONCRETE  
BASE DETAILS**  
CENTRAL & MCLEAN INTERSECTION IMPROVEMENTS

**BAUGHMAN COMPANY P. A.**  
ENGINEERING, SURVEYING, & PLANNING  
315-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

REVISION: MAY 97  
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