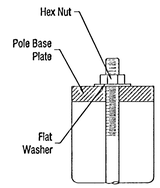
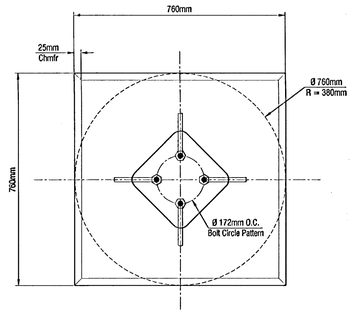
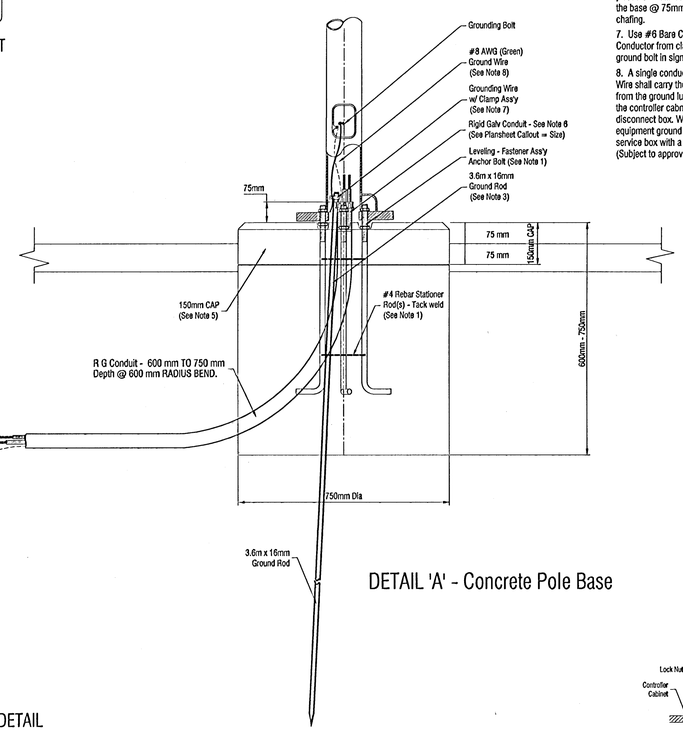


ANCHOR BOLT DETAIL

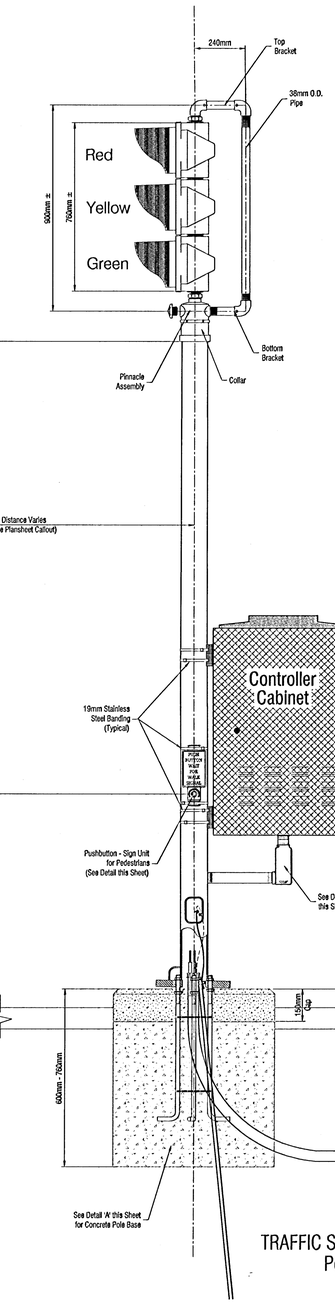


NOTES FOR DETAIL 'A':

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 cabnet 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)



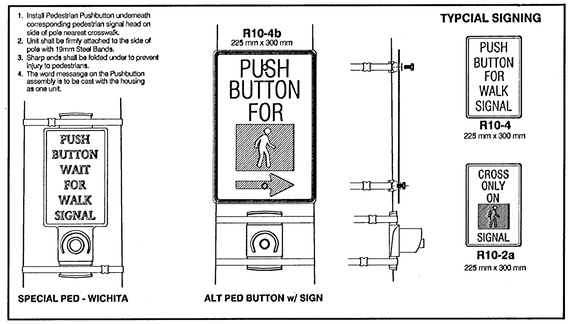
DETAIL 'A' - Concrete Pole Base

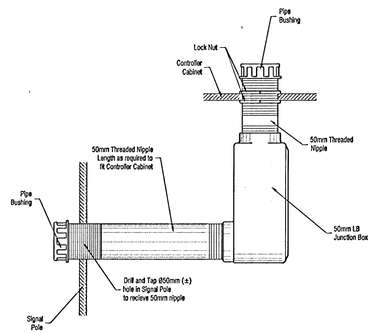


TRAFFIC SIGNAL PEDESTAL Pole Base

PEDESTRIAN PUSHBUTTON/SIGN UNIT DETAIL

1. Install Pedestrian Pushbutton underneath corresponding pedestrian signal head on side of pole nearest crosswalk.
2. Unit shall be firmly attached to the side of pole with 19mm Steel Bands.
3. Sharp ends shall be folded under to prevent injury to pedestrians.
4. The word message on the Pushbutton assembly is to be cast with the housing as one unit.





CONTROLLER CABINET to SIGNAL POLE CONNECTION DETAIL

DESIGN	DATE	CITY PROJECT NUMBER	BAUGHMAN PROJECT NUMBER: 98-01-E965
STAFF	JULY99	472-76-245-82910	DIRECTORY: E:\MCLNN\TRAFFIC
DRAWN	SCALE	APPROVED	SHEET NAME: TSP-DTL.DWG
STAFF	NONE	JFB	

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

BAUGHMAN COMPANY P. A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

REVISED: MAY 97 APR 00 - SGS

SHEET 30 OF 40