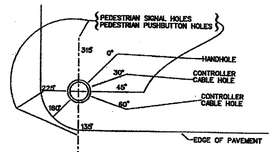
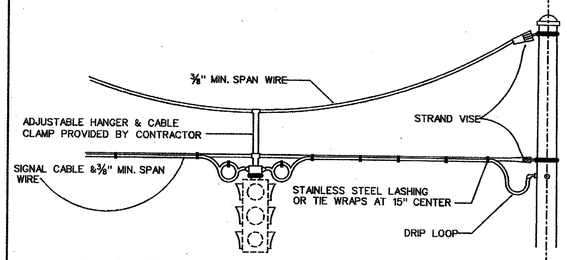
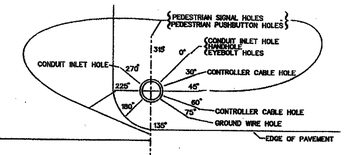
| STATE | PROJECT NUMBER | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|
| G.A. | CM-575-1(34) | 92 | 113 |



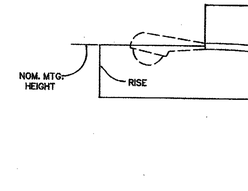

RIGID MOUNT FOR USE IN HIGH WIND AREAS
(WHEN NOTED ON PLANS



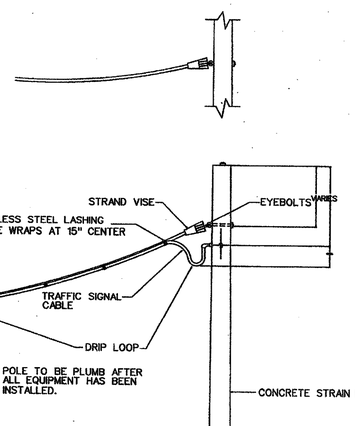

TOP VIEW FOR INLET HOLES ORIENTATION

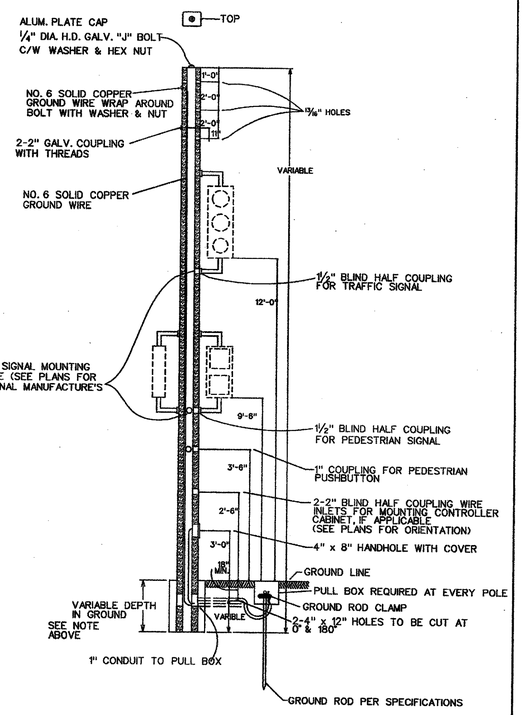
NOTE:
CONCRETE STRAIN POLE FOOTING WILL INCLUDE THE SAME FOOTING DESIGN AS A "SIMILAR" DESIGN STEEL POLE. THE STEEL REINFORCEMENT FROM STRAIN POLE AND MAST ARM POLE FOUNDATION DESIGN SHEET WILL BE INSTALLED AROUND THE CONCRETE STRAIN POLE. BACK FILL THE POLE AS DESCRIBED IN THE "CAISSON DETAIL" UP TO THE LEVEL OF THE CONDUIT ENTRANCE/ HAND HOLE DEPTH. ONCE THE CONDUIT AND WIRE CONNECTING ARE MADE INSIDE THE POLE, FINISH BACK FILLING ACCORDING TO "CAISSON DETAIL."

ALL POLES SHALL HAVE ATTACHMENT POINTS 2'(MIN.) ABOVE ACTUAL ATTACHMENT POINT FOR FUTURE USE.

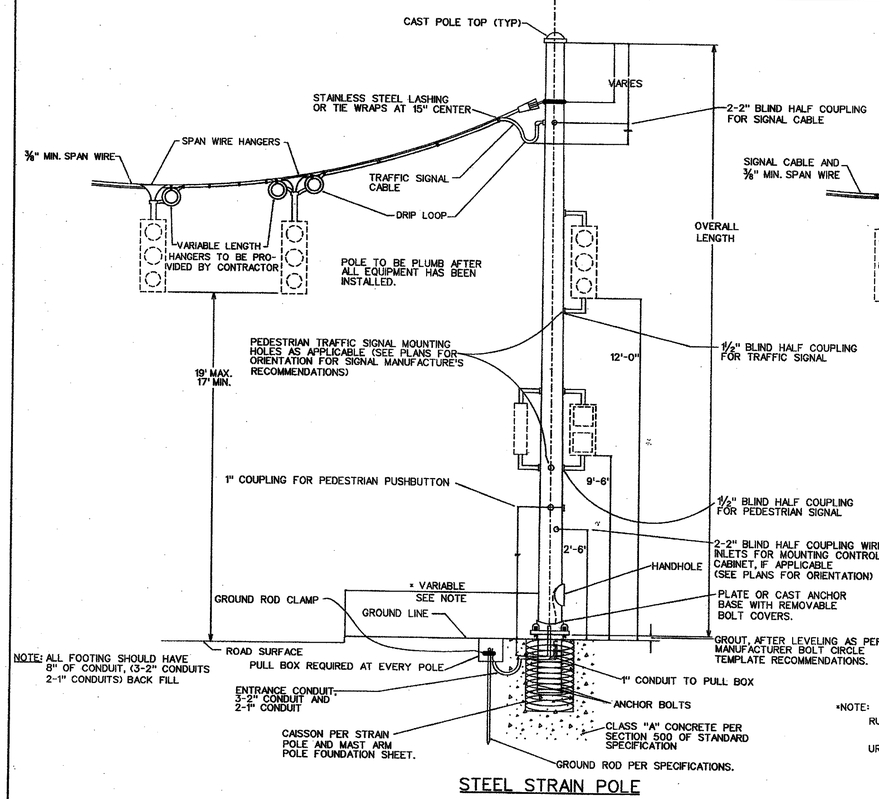



NOTE: ALL HOLES AND COUPLING FOR PEDESTRIAN SIGNALS AND PUSHBUTTONS SHALL BE REQUIRED IN EACH POLE REGARDLESS OF PLANS SHEETS.



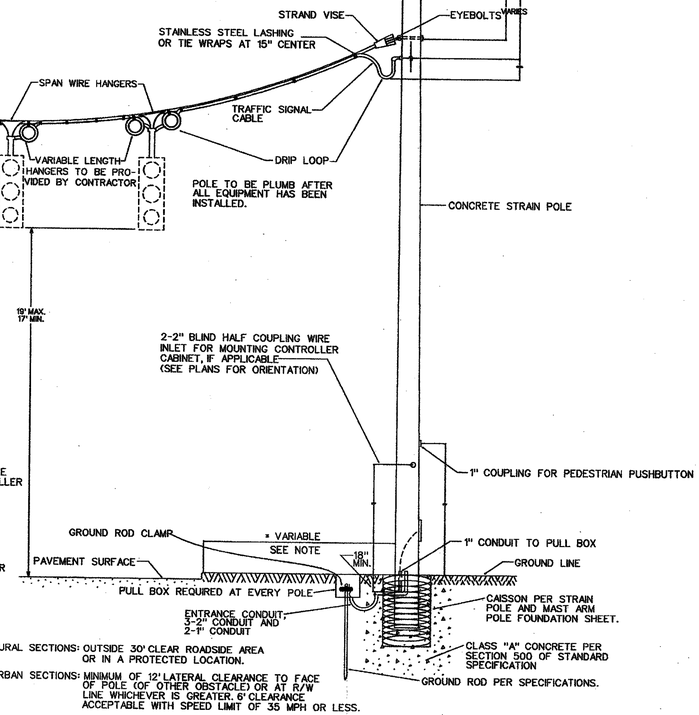




TYPICAL POLE SECTION
FOR CONCRETE STRAIN POLE




NOTE: ALL FOOTING SHOULD HAVE 8" OF CONDUIT, (3-2" CONDUITS 2-1" CONDUITS) BACK FILL

STEEL STRAIN POLE




*NOTE:
RURAL SECTIONS: OUTSIDE 30' CLEAR ROADSIDE AREA OR IN A PROTECTED LOCATION.
URBAN SECTIONS: MINIMUM OF 12' LATERAL CLEARANCE TO FACE OF POLE (OF OTHER OBSTACLE) OR AT R/W LINE WHICHEVER IS GREATER. 6' CLEARANCE ACCEPTABLE WITH SPEED LIMIT OF 35 MPH OR LESS.

CONCRETE STRAIN POLE

| DATE | REVISIONS |
|---|---|
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GEORGIA DEPARTMENT OF TRANSPORTATION
OFFICE OF TRAFFIC SAFETY & DESIGN

DETAILS OF
CONCRETE TRAFFIC SIGNAL
STRAIN POLES

NO SCALE — DECEMBER 1998

PCBDTB

TS-05

...\ts 05 - concrete poles.dgn Jul. 03, 2003 16:10:22

...\GA CONSTRUCTION DETAILS.dgn 5/2/2006 6:02:06 PM