

POLE MOUNTING STANDARD

CITY OF COLUMBUS, OHIO
DEPARTMENT OF PUBLIC SERVICE
DIVISION OF DESIGN AND CONSTRUCTION

STD DWG
4200

Hassan Zahran

8/01/2015

CITY ENGINEER

SHT 1 OF 2

NOTES:

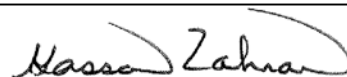
1. SIGNAL HEAD CONDUIT BRACKETS AND CONDUIT FITTINGS SHALL BE GALVANIZED AND PAINTED (EXCEPT POLE CLAMPS OR BANDS) TO MATCH THE POLE.
2. THE SIGNAL HEAD BRACKET ARMS SHALL BE ATTACHED TO STEEL POLES BY HUB PLATES ATTACHED TO THE POLE WITH 3/4" WIDE STAINLESS STEEL BANDS (TWO BANDS PER HUB PLATE).
 - A. HOLES FOR WIRE ACCESS SHALL BE FIELD DRILLED.

FIELD INSTALLATION OF THE WIRING HOLES FOR SIGNAL HEADS AND PUSHBUTTONS WILL BE PERMITTED PROVIDED THAT THE HOLES ARE DRILLED OR HOLE SAWN. NO TORCH CUTTING OR FIELD WELDING WILL BE PERMITTED. CUT SURFACES SHALL BE FILED SMOOTH AND COVERED WITH TWO COATS OF ZINC RICH PAINT. GROMMETS OR WIRING GUIDES SHALL BE INSTALLED IN THE HOLES.

3. VERTICAL SPACING BETWEEN BRACKET FITTINGS SHALL BE DETERMINED BY THE CONTRACTOR, AND SHALL BE THE DIMENSION FROM CENTERLINE TO CENTERLINE OF THE BRACKET ARMS NECESSARY TO ACCOMMODATE THE VERTICAL HEIGHT OF THE SIGNAL HEAD PLUS NOT MORE THAN 10".
4. OUTER JACKET OF THE PEDESTRIAN SIGNAL CABLE SHALL EXTEND INTO THE SIGNAL HOUSING
5. THE PEDESTRIAN SIGNAL HEAD HOUSING AND CLAM SHELL MOUNTING BRACKETS SHALL BE BLACK MATCHING FEDERAL STANDARD 595B, COLOR # 27038.
6. CLEARANCE DISTANCES PROVIDED IN THE OHIO DEPARTMENT OF TRANSPORTATION'S LOCATION AND DESIGN MANUAL, VOLUME 1 OR A MINIMUM OF 2', WHICH EVER IS GREATER, SHALL BE MAINTAINED.
7. PLACEMENT OF PEDESTRIAN PUSHBUTTONS SIGN SHALL BE PER CITY OF COLUMBUS STANDARD CONSTRUCTION DRAWING 4230.

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