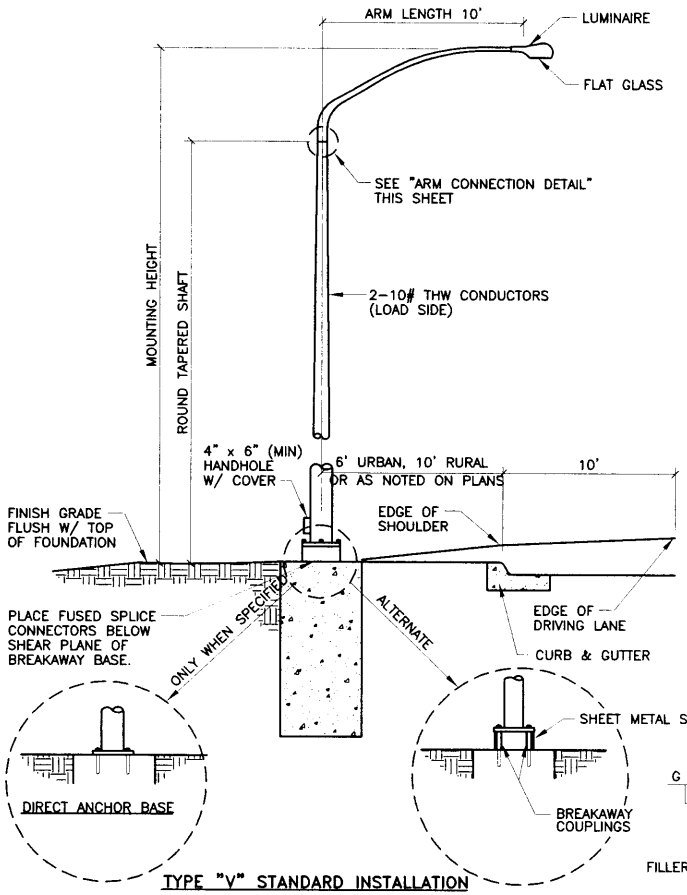
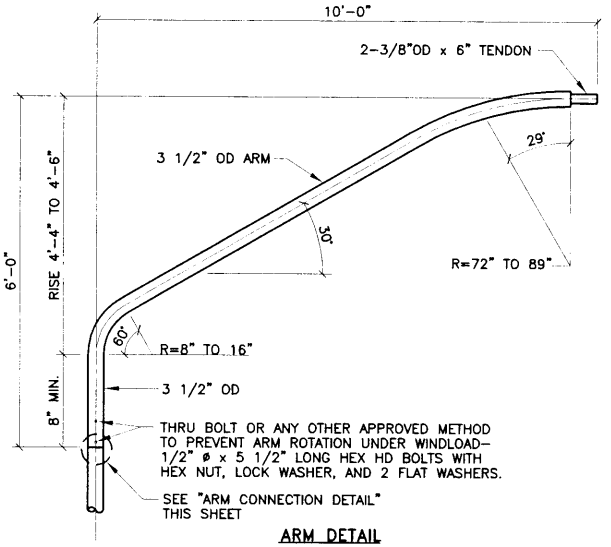
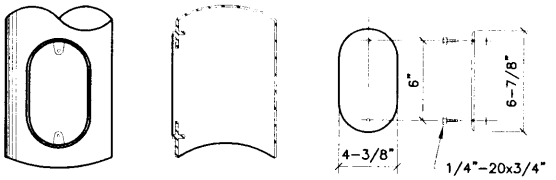


TYPE "V" STANDARD INSTALLATION



ARM DETAIL



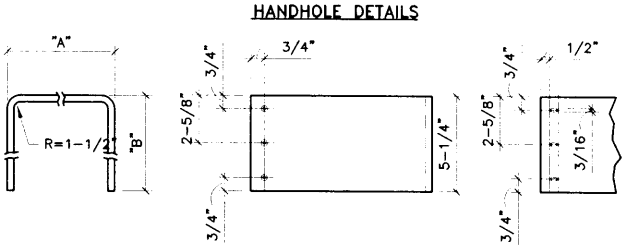
HANDHOLE REINFORCEMENT1. SHALL BE FORGED FROM STEEL CONFORMING TO ASTM A-576, GRADE 1021, OR SHALL BE FABRICATED FROM 3/16" WALL TUBING CONFORMING TO ASTM A-36; OR CAST FROM STEEL CONFORMING TO ASTM A-27, GRADE 65-35. OR 6" STANDARD BLACK PIPE (0-280" WALL) ASTM A-53 GRADE B.

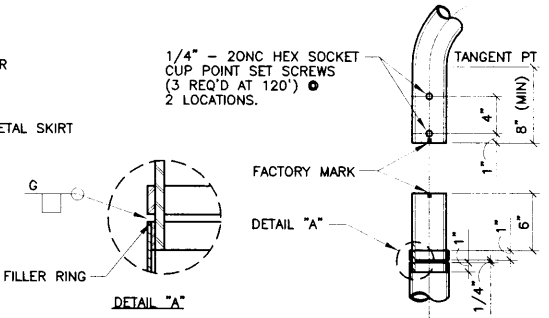
REINFORCEMENT SHALL BE WELDED TO THE POLE SHAFT IN THE 90 DEGREE LOCATION, PRIOR TO GALVANIZING POLE SHAFT. COVER SHALL BE FABRICATED FROM 3/16" SHEET STEEL OR ALUMINUM. STEEL COVER IS GALVANIZED ACCORDING TO ASTM A-153. COVER SHALL BE EQUIPPED WITH TWO (2) AISI 304 STAINLESS STEEL 1/4" - 20 x 3/4" HEX CAP SCREW AND TWO (2) CAPTIVE WASHERS.

PROVISION FOR INTERNAL GROUNDING SHALL BE PROVIDED BY A TAPPED HOLE.

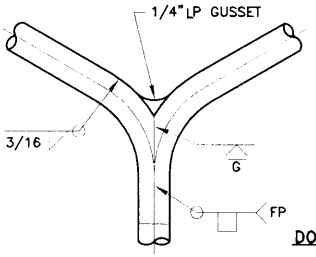
HANDHOLE REINFORCEMENT SHALL STRENGTHEN POLE SHAFT SECTION TO THAT OF A SHAFT FABRICATED WITHOUT A HANDHOLE.

HANDHOLE DETAILS





ARM CONNECTION DETAIL



DOUBLE ARM CONNECTION DETAIL

SPECIFICATION:

SKIRT COVER SHALL BE FABRICATED FROM 1/16" SHEET ALUMINUM ALLOY 3003H14. SCREWS ARE SELF TAPPING #10 x 5/8" STAINLESS STEEL.
WHEN COUPLINGS ARE SPECIFIED, EACH LIGHT POLE WILL BE FURNISHED WITH TWO (2) SKIRT COVER SECTIONS AND SIX (6) SCREWS.

INTENDED USE:

THE SKIRT COVER IS USED TO ENCLOSE VOID UNDER POLES WITH BREAKAWAY SUPPORT COUPLINGS.

SKIRT COVER DETAILS

NOTES

1. MASTARM SHALL BE DAVIT STYLE. DIMENSIONS SHALL BE AS NOTED. ARM SHALL BE ATTACHED ON A SHAFT TENDON AS DETAILED. SHAFT SHALL BE A ROUND TAPERED TUBE.
2. NUTS, BOLTS OR FASTENERS SHALL COMPLY WITH ASTM A-307 AND/OR AASHTO M-314 GRADE 55 BE EITHER ZINC PLATED, ASTM A-153 OR CADMIUM PLATED, ASTMA-165.
3. BOLT GASKET SHALL BE 22 GAUGE STAINLESS STEEL SHEET OF 18-8 SERIES (301, 302, 303, 304).
4. GROUTING SHALL BE IN ACCORDANCE TO SECTION 617 OF THE STANDARD SPECIFICATIONS.
5. ACCEPTABLE TYPE V LIGHTING STANDARDS ARE VALMONT HAPCO ALUMINUM, AND UNION METAL.
6. DETAILS SHOWN ARE FOR STEEL POLES. PRE-APPROVED ALUMINUM POLES MAY BE USED.

REVISIONS	NM APWA
	TRAFFIC STREET LIGHTING INSTALLATION & POLE DETAILS DWG. 2581 FEB. 2006