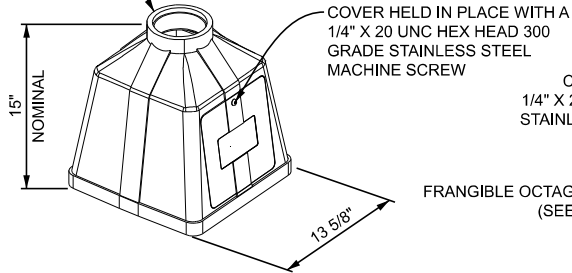
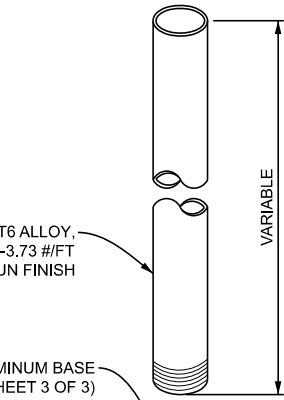
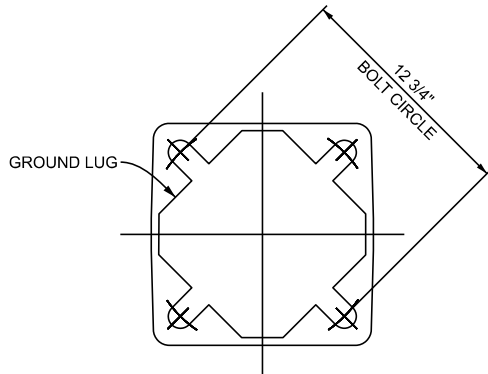


ALUMINUM PEDESTAL 6063-T6 ALLOY,
4" X 0.237" WALL SCHEDULE 40-3.73 #/FT
SPUN FINISH

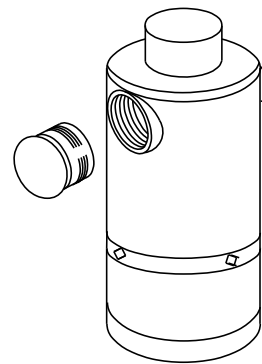
FRANGIBLE SQUARE ALUMINUM BASE
(SEE NOTE 4 SHEET 3 OF 3)



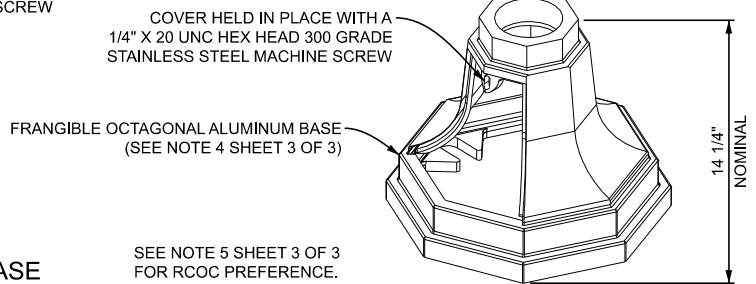
A DETAIL - SQUARE ALUMINUM BASE
N.T.S.



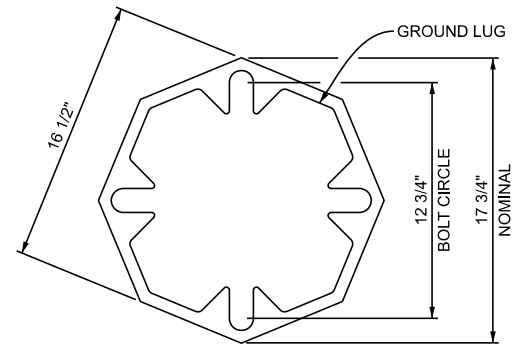
B DETAIL - SQUARE BASE BOTTOM PLAN
N.T.S.



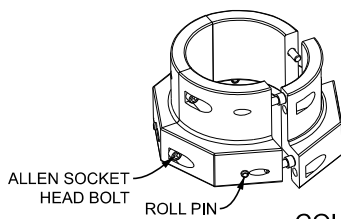
C POST TOP
DETAIL - (SLIP FITTER)
N.T.S.



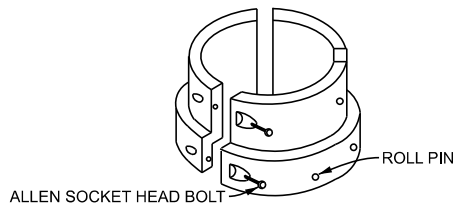
D DETAIL - OCTOGONAL BASE
N.T.S.



E DETAIL - OCTOGONAL BASE BOTTOM PLAN
N.T.S.



F COLLAR
DETAIL - (OCTOGANAL BASE)
N.T.S.



G COLLAR
DETAIL - (SQUARE BASE)
N.T.S.

NOTE:
USE PEDESTAL COLLAR FOR PEDESTAL LENGTH
GREATER THAN OR EQUAL TO 14' (TYPICAL FOR
3 COLOR TRAFFIC SIGNALS WITH PEDESTRIAN SIGNALS).

APPROVED BY: _____
DIRECTOR, BUREAU OF FIELD SERVICES

APPROVED BY: _____
DIRECTOR, BUREAU OF DEVELOPMENT



DEPARTMENT DIRECTOR
BRADLEY C. WIEFERICH, PE

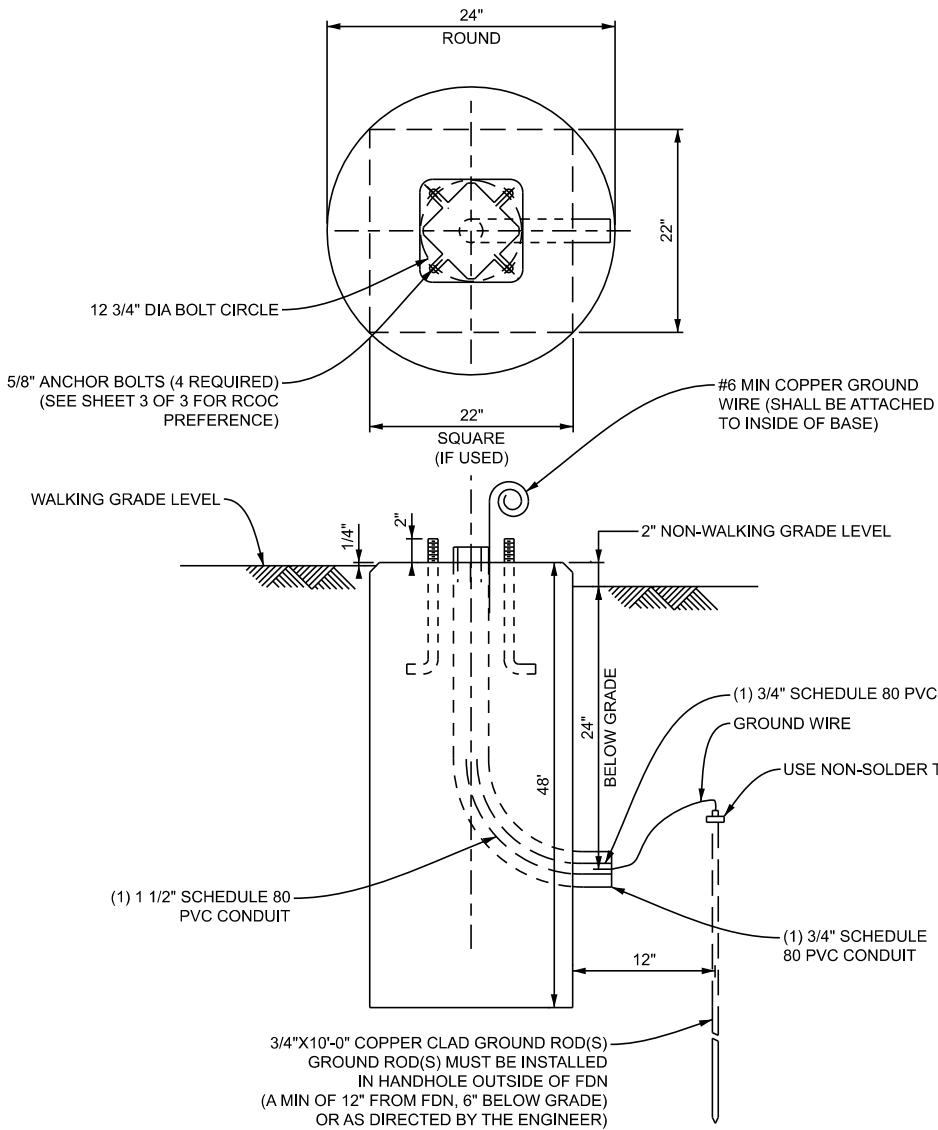
STANDARD PLAN FOR
PEDESTAL FOUNDATION

(SPECIAL DETAIL)
FHWA APPROVAL

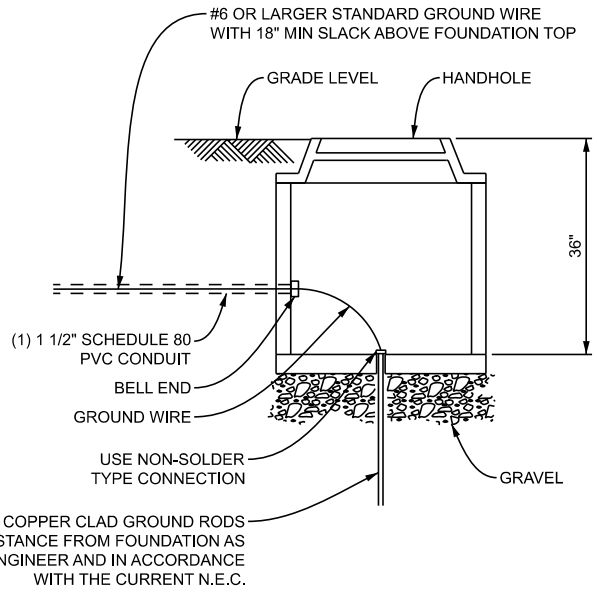
10/29/2024
PLAN DATE

SIG-070-A

SHEET
1 OF 3

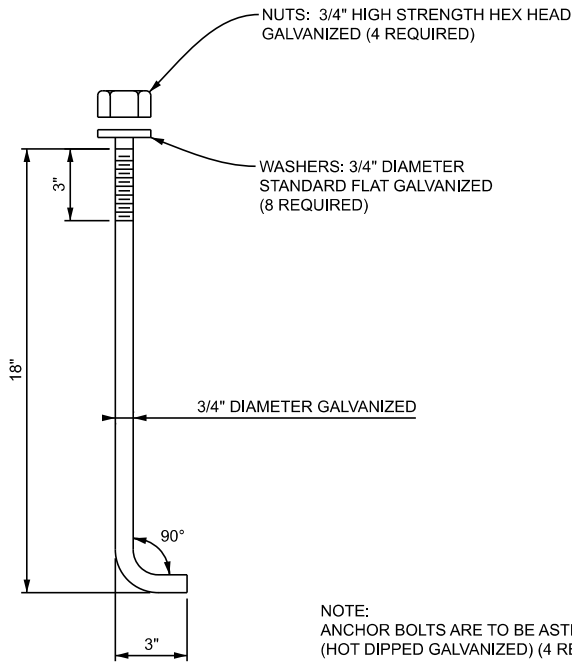


H **DETAIL - PEDESTAL FOUNDATION**
 N.T.S. SEE NOTES 1, 2 & 3 ON SHEET 3 OF 3

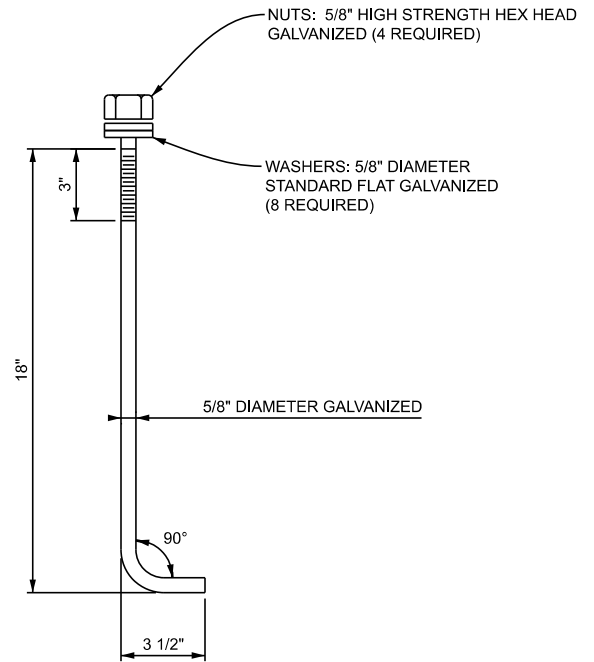


I **DETAIL - HANDHOLE**
 N.T.S.

 DEPARTMENT DIRECTOR BRADLEY C. WIEFERICH, PE	STANDARD PLAN FOR PEDESTAL FOUNDATION		SIG-070-A	SHEET
	(SPECIAL DETAIL) FHWA APPROVAL	10/29/2024 PLAN DATE		2 OF 3
				SECT



NOTE:
ANCHOR BOLTS ARE TO BE ASTM-F1554 GRADE 36
(HOT DIPPED GALVANIZED) (4 REQUIRED)



FOR USE ON MDOT TRUNKLINE

FOR USE ON OAKLAND COUNTY ROADS ONLY

J DETAIL - ANCHOR BOLT DETAIL
N.T.S.

NOTES:

- 1) ALTERNATE FOUNDATION MAY BE CONSTRUCTED 22"X22" SQUARE - 48" DEEP.
- 2) GROUNDING SYSTEM SHALL MEASURE 10 OHM OR LESS TO GROUND.
- 3) CONSTRUCTION JOINTS NOT PERMITTED IN FOUNDATION.
- 4) PEDESTAL BASE MUST MEET THE REQUIREMENTS OF NATIONAL COOPERATIVE HIGHWAY RESEARCH PROGRAM REPORT 350 (NCHRP 350) OR MANUAL FOR ASSESSING SAFETY HARDWARE (MASH) AND HAVE FEDERAL HIGHWAY ADMINISTRATION (FHWA) ACCEPTANCE. PEDESTAL BASE MUST ALSO BE CERTIFIED TO HAVE A 4-INCH MAXIMUM STUB HEIGHT AFTER THE SUPPORT HAS BROKEN AWAY FROM ITS BASE, AS SPECIFIED IN THE AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINARIES, AND TRAFFIC SIGNALS AND THE AASHTO ROADSIDE DESIGN GUIDE.
- 5) USE THE OCTAGONAL BASE AS A PREFERENCE BY THE ROAD COMMISSION FOR OAKLAND COUNTY (RCOC), FOR USE ON OAKLAND COUNTY ROADS ONLY.

APPROVED BY: _____
DIRECTOR, BUREAU OF FIELD SERVICES

APPROVED BY: _____
DIRECTOR, BUREAU OF DEVELOPMENT



DEPARTMENT DIRECTOR
BRADLEY C. WIEFERICH, PE

STANDARD PLAN FOR
PEDESTAL FOUNDATION

(SPECIAL DETAIL)
FHWA APPROVAL

10/29/24
PLAN DATE

SIG-070-A

SHEET
3 OF 3