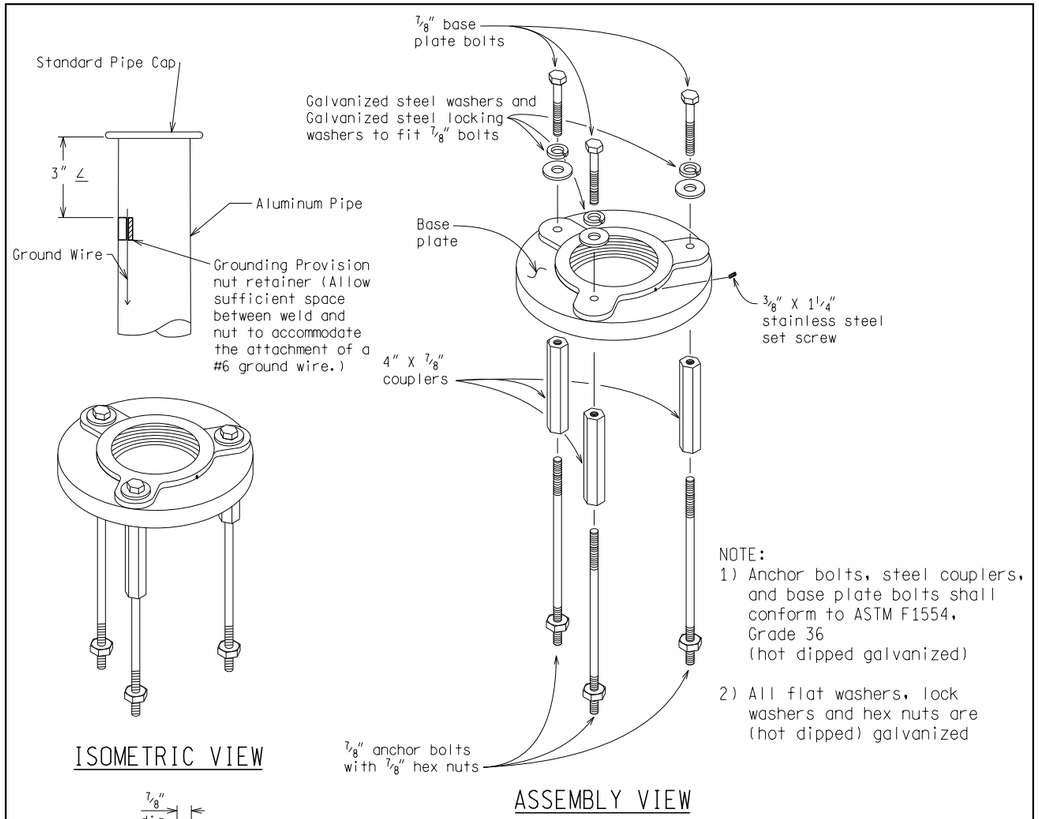
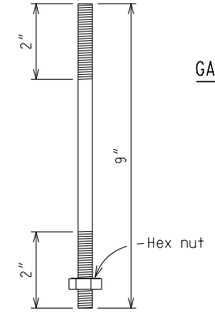


ISOMETRIC VIEW

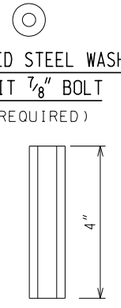
ASSEMBLY VIEW

NOTE:
1) Anchor bolts, steel couplers, and base plate bolts shall conform to ASTM F1554, Grade 36 (hot dipped galvanized)

2) All flat washers, lock washers and hex nuts are (hot dipped) galvanized

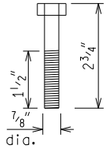


7/8" GALVANIZED STEEL ANCHOR BOLTS
(3 REQUIRED)



GALVANIZED STEEL 7/8" COUPLERS
(3 REQUIRED)

GALVANIZED STEEL WASHER TO FIT 7/8" BOLT
(3 REQUIRED)



7/8" GALVANIZED STEEL BASE PLATE BOLTS
(3 REQUIRED)

3/8" X 1 1/4" STAINLESS STEEL SET SCREW
(1 REQUIRED)

GALVANIZED STEEL LOCKING WASHER TO FIT 7/8" BOLT
(3 REQUIRED)

7/8" HEX NUT
(3 REQUIRED)

NOT TO SCALE

File: RefDoc/TR/Signals/Web/Sp Det/Fin/SIG071A.dgn Rev. 02/16/17

MDOT Michigan Department of Transportation

PREPARED BY TRAFFIC AND SAFETY

DRAWN BY:

CHECKED BY:

ENGINEER OF DELIVERY

ENGINEER OF DEVELOPMENT
(SPECIAL DETAIL)
FHWA APPROVAL DATE

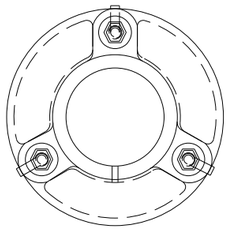
MICHIGAN DEPARTMENT OF TRANSPORTATION
BUREAU OF HIGHWAYS DELIVERY STANDARD PLAN FOR

PEDESTAL BASE ALTERNATE ANCHORAGE DETAILS

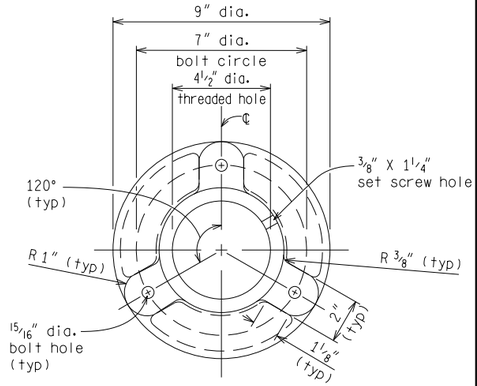
PLAN DATE

SIG-071-A

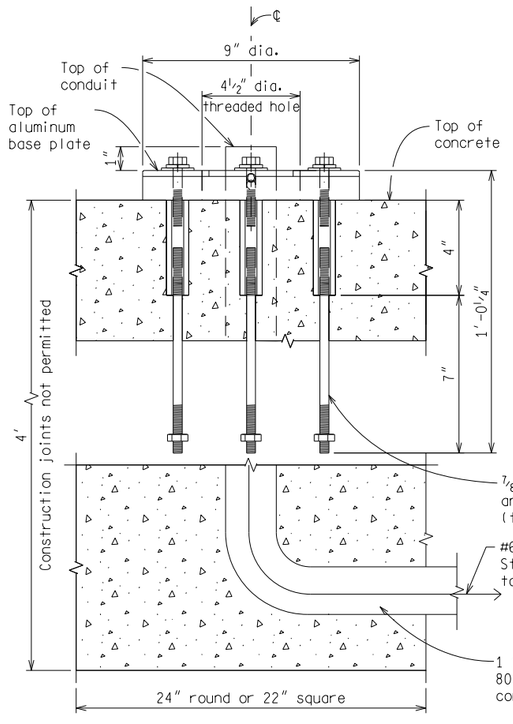
SHEET 1 of 2



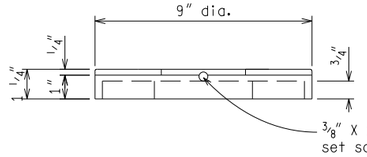
TOP VIEW
(ASSEMBLED)



TOP VIEW
(ROUND ALUMINUM BASE PLATE)

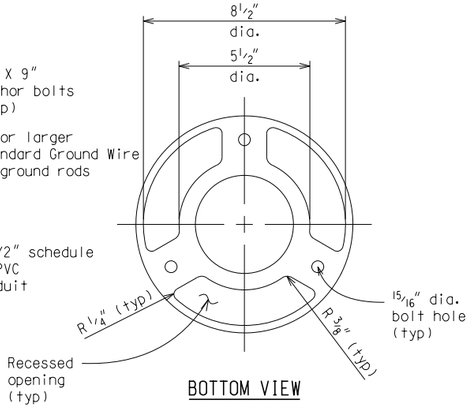


FRONT VIEW
(ASSEMBLED)



FRONT VIEW
(ROUND ALUMINUM BASE PLATE)

NOTE: WHERE THE 1 1/2" CONDUIT DOES NOT FEED INTO A HANDHOLE, INSTALL AN ADDITIONAL 3/4" SCHEDULE 80 PVC CONDUIT FOR GROUNDING. 3/4" X 10'-0" COPPER CLAD GROUND RODS IN ACCORDANCE WITHIN THE CURRENT N.E.C.



BOTTOM VIEW
(ROUND ALUMINUM BASE PLATE)

NOT TO SCALE

MICHIGAN DEPARTMENT OF TRANSPORTATION
BUREAU OF HIGHWAYS DELIVERY STANDARD PLAN

(SPECIAL DETAIL)
FHWA APPROVAL DATE

File: RefDoc/TR/Signals/Web/Sp Det/Fin/SIG071A.dgn Rev. 02/16/17

PLAN DATE

SIG-071-A

SHEET 2 of 2

AS-LET PLAN REVISIONS							
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION

MDOT Michigan Department of Transportation

	DATE:	CS:		DRAWING	SHEET
	DESIGN UNIT:	JN:			
FILE:	TSC:				