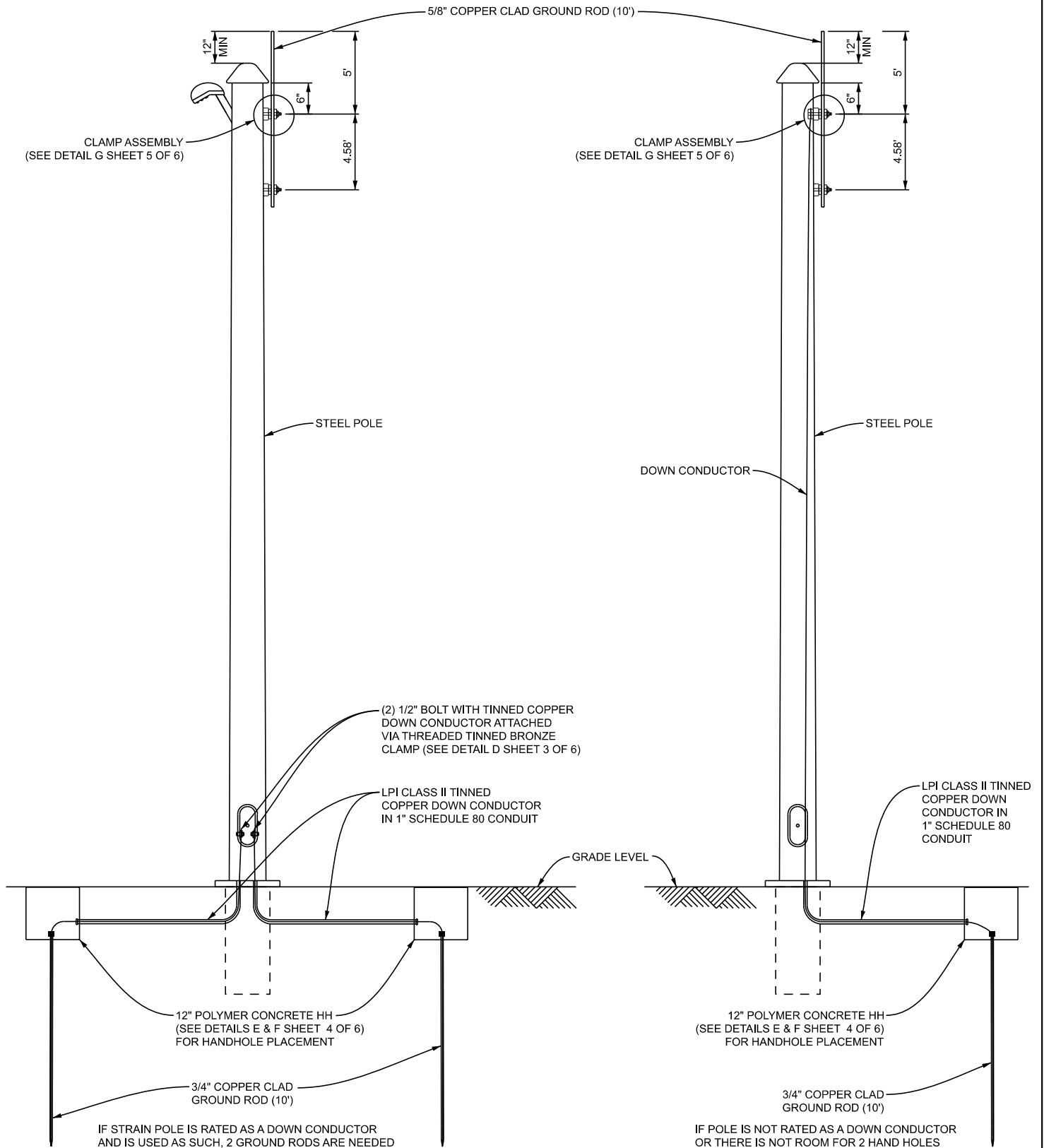
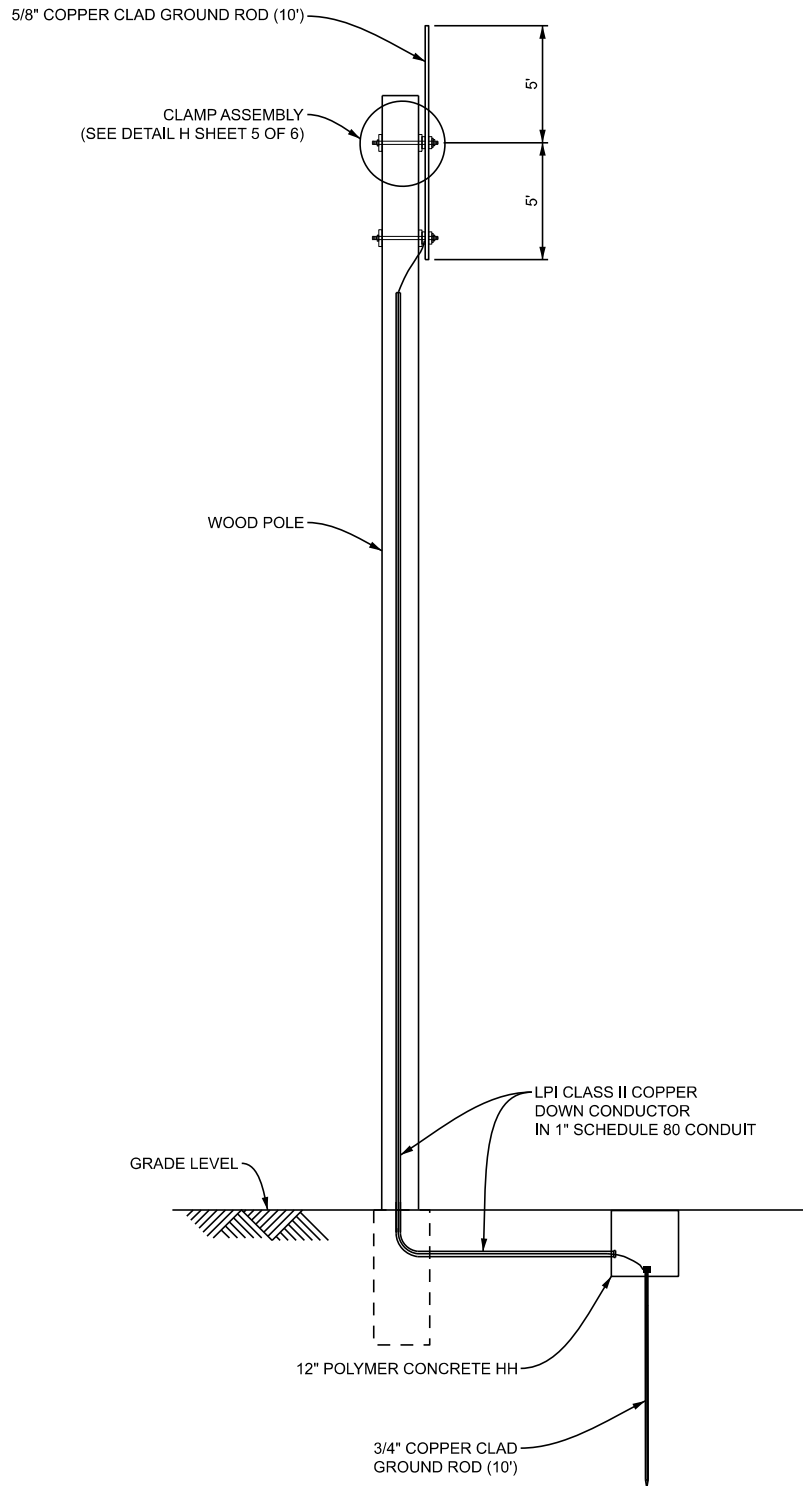




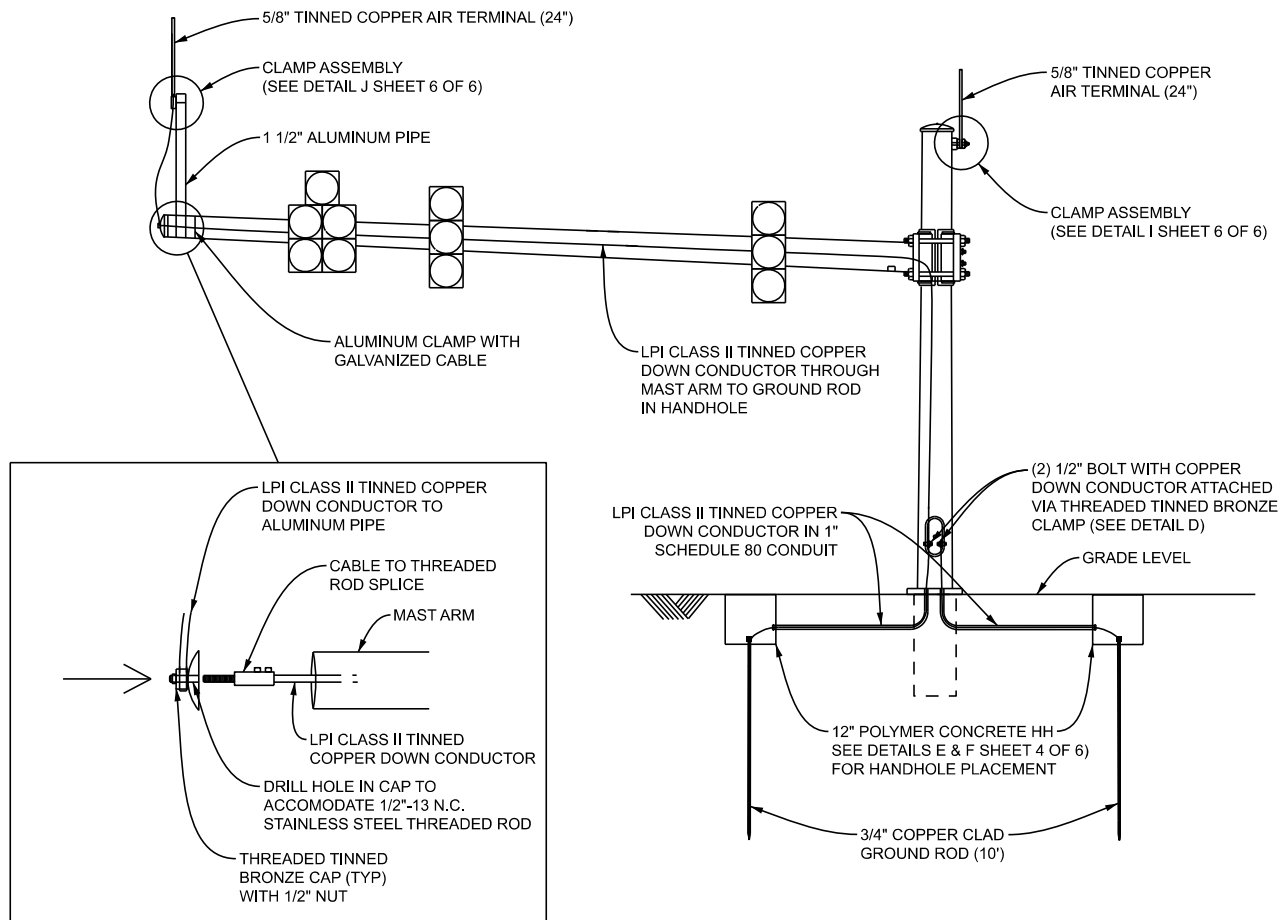
A DETAIL - LIGHTNING PROTECTION ON STEEL POLE
N.T.S.

APPROVED BY: _____ DIRECTOR, BUREAU OF FIELD SERVICES	 Michigan Department of Transportation	STANDARD PLAN FOR LIGHTNING PROTECTION DETAIL		
APPROVED BY: _____ DIRECTOR, BUREAU OF DEVELOPMENT		(SPECIAL DETAIL) FHWA APPROVAL	02/15/2024 PLAN DATE	SIG-231-A SHEET 1 OF 6

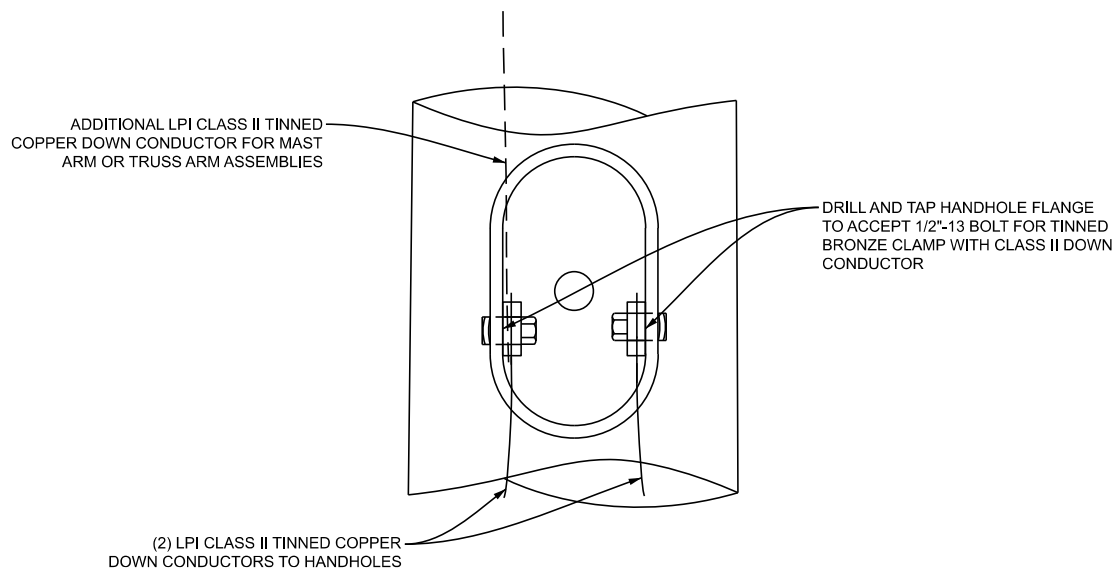


B DETAIL - LIGHTNING PROTECTION ON WOOD POLE
N.T.S.

 Michigan Department of Transportation DEPARTMENT DIRECTOR BRADLEY C. WIEFERICH, PE	STANDARD PLAN FOR LIGHTNING PROTECTION DETAIL			SHEET 2 OF 6 SECT
	(SPECIAL DETAIL) FHWA APPROVAL	02/15/2024 PLAN DATE	SIG-231-A	



C **DETAIL - LIGHTNING PROTECTION ON MAST ARM**
N.T.S.



D **DETAIL - POLE HANDHOLE**
N.T.S.

APPROVED BY: _____
DIRECTOR, BUREAU OF FIELD SERVICES

APPROVED BY: _____
DIRECTOR, BUREAU OF DEVELOPMENT



DEPARTMENT DIRECTOR
BRADLEY C. WIEFERICH, PE

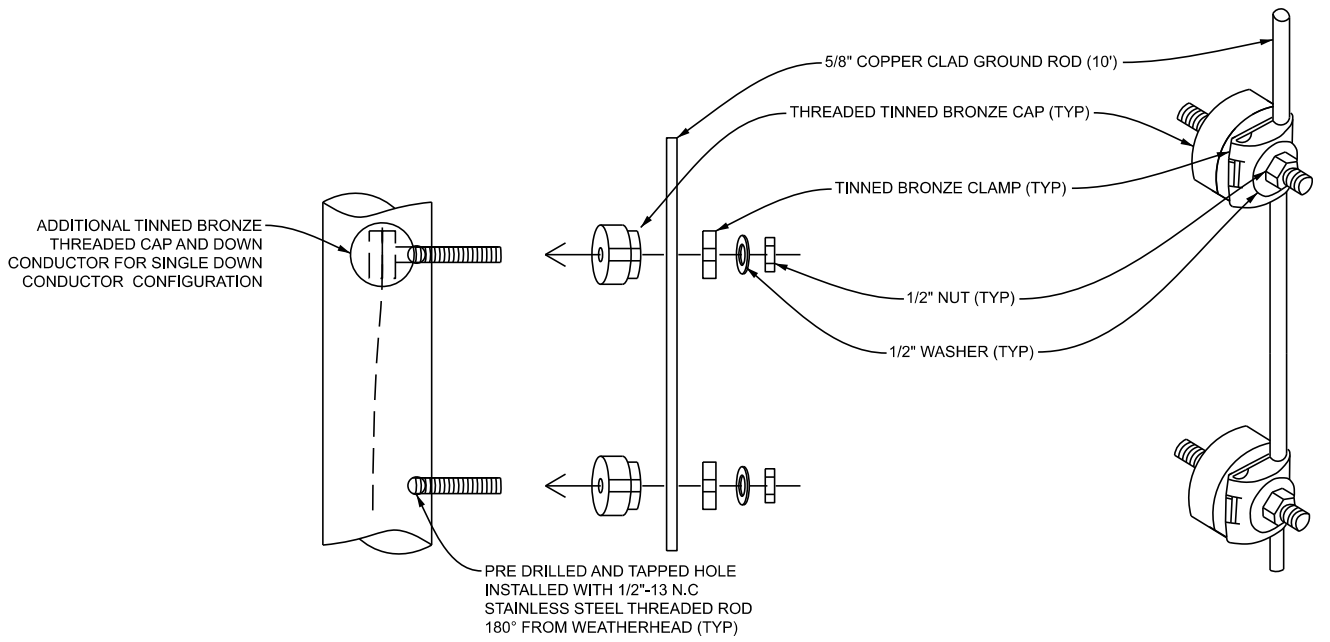
STANDARD PLAN FOR
LIGHTNING PROTECTION DETAIL

(SPECIAL DETAIL)
FHWA APPROVAL

02/15/2024
PLAN DATE

SIG-231-A

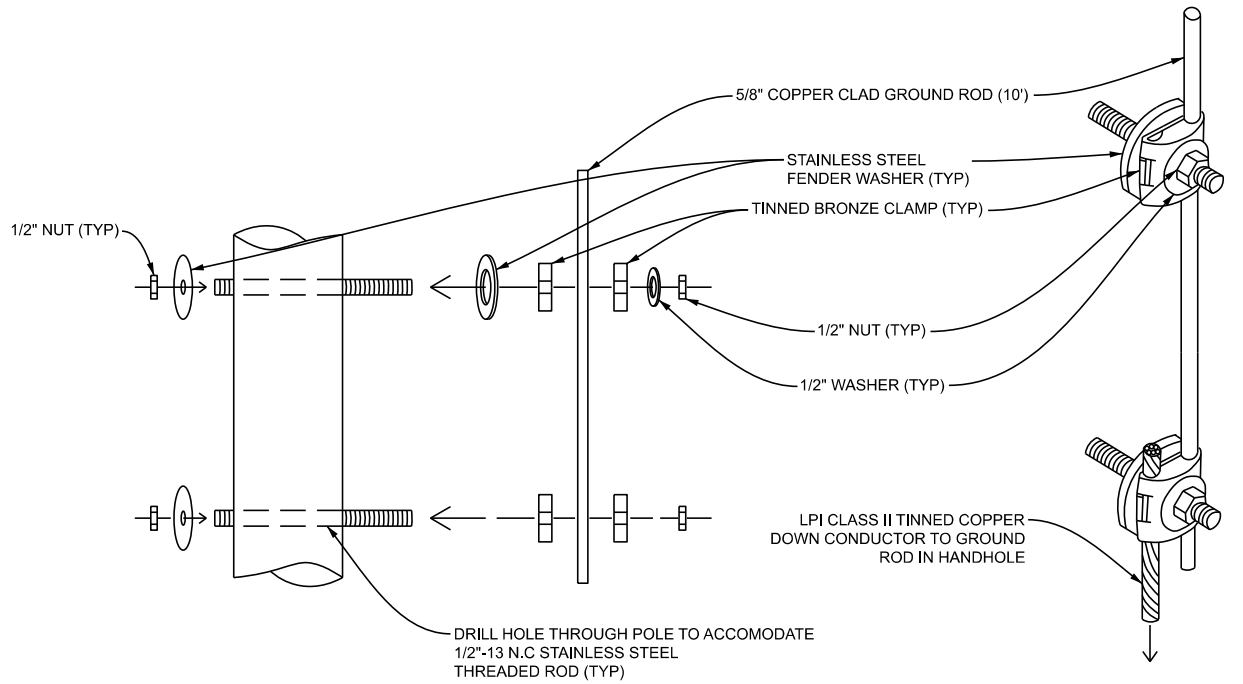
SHEET
3 OF 6



PROFILE VIEW

ALTERNATE VIEW

G DETAIL - LIGHTNING PROTECTION CLAMP ON STEEL POLE
N.T.S.



PROFILE VIEW

ALTERNATE VIEW

H DETAIL - LIGHTNING PROTECTION CLAMP ON WOOD POLE
N.T.S.

APPROVED BY: _____
DIRECTOR, BUREAU OF FIELD SERVICES



DEPARTMENT DIRECTOR
BRADLEY C. WIEFERICH, PE

APPROVED BY: _____
DIRECTOR, BUREAU OF DEVELOPMENT

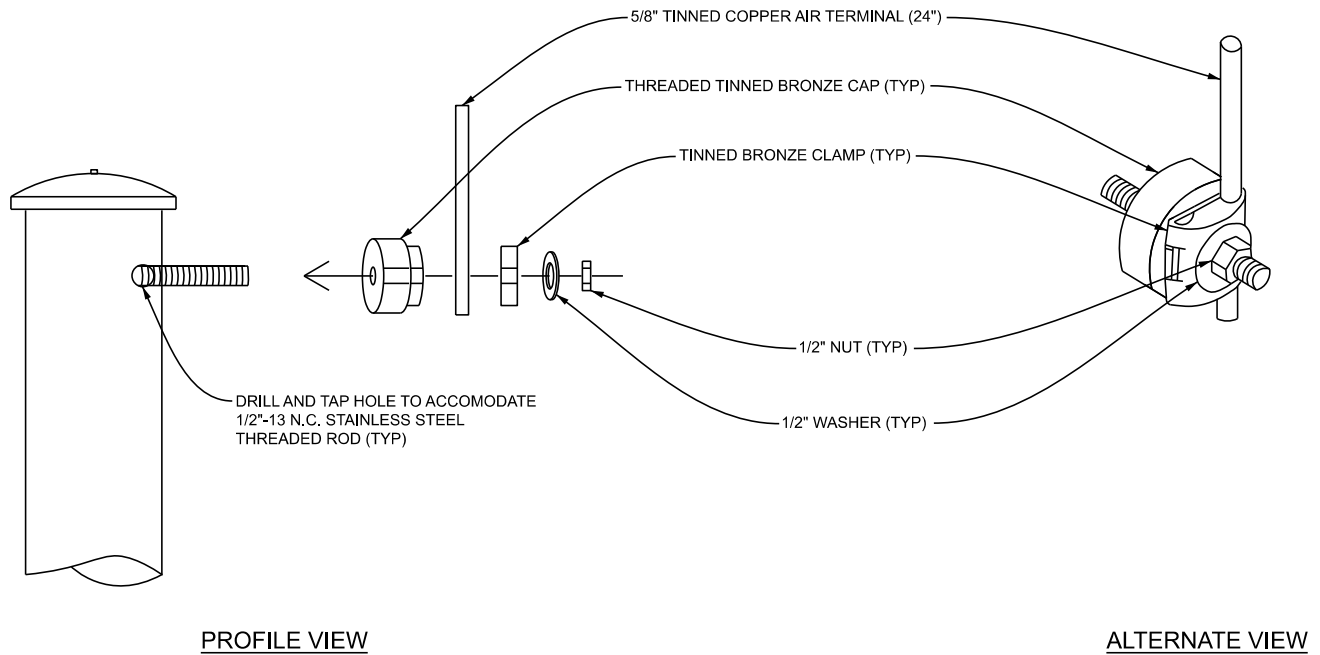
STANDARD PLAN FOR
LIGHTNING PROTECTION DETAIL

(SPECIAL DETAIL)
FHWA APPROVAL

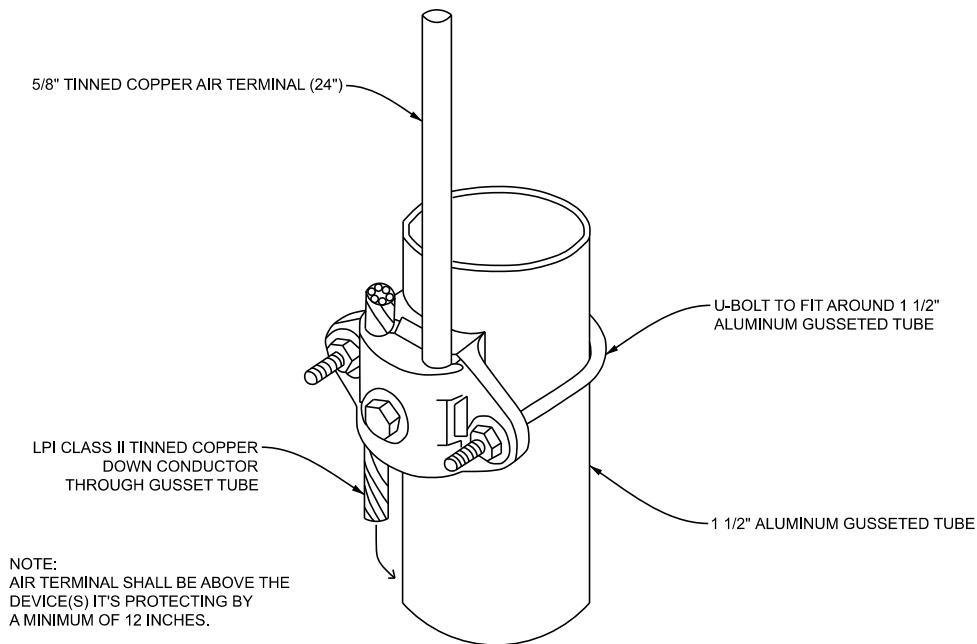
02/15/2024
PLAN DATE

SIG-231-A

SHEET
5 OF 6



I DETAIL - LIGHTNING PROTECTION CLAMP ON MAST ARM POLE
N.T.S.



NOTE:
AIR TERMINAL SHALL BE ABOVE THE
DEVICE(S) IT'S PROTECTING BY
A MINIMUM OF 12 INCHES.

J DETAIL - LIGHTNING PROTECTION CLAMP ON ALUMINUM STEEL GUSSETED POLE
N.T.S.

 Michigan Department of Transportation DEPARTMENT DIRECTOR BRADLEY C. WIEFERICH, PE	STANDARD PLAN FOR LIGHTNING PROTECTION DETAIL			SHEET 6 OF 6 SECT
	(SPECIAL DETAIL) FHWA APPROVAL	02/15/2024 PLAN DATE	SIG-231-A	