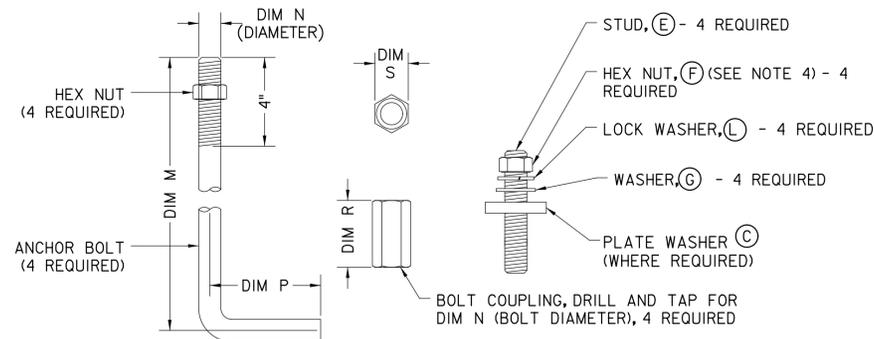
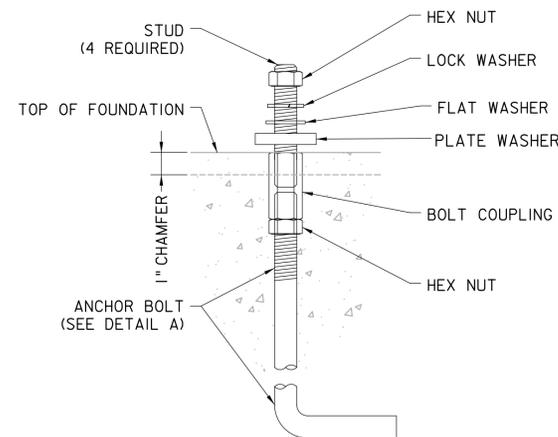


TYPICAL ALUMINUM AND STEEL POLE BOLT CIRCLE
SCALE: 3/4" = 1'-0"



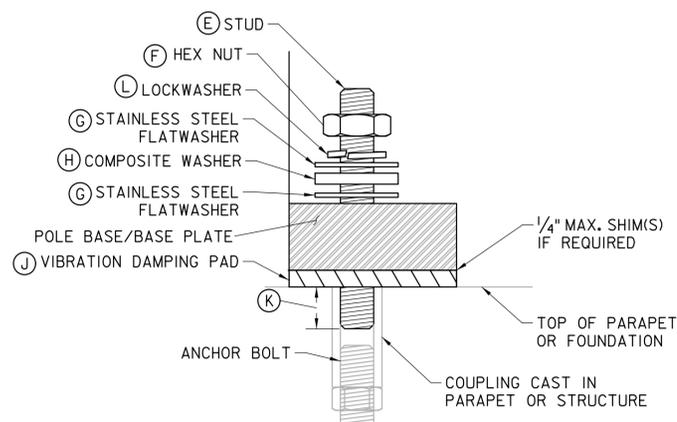
**DETAIL A
ANCHOR BOLT ASSEMBLY**
NO SCALE
(SEE NOTE 2 AND SCHEDULE 10.1 THIS SHEET)



**DETAIL B
ANCHOR BOLT ASSEMBLY**
NO SCALE
(SEE NOTE 2 AND SCHEDULE 10.1 THIS SHEET)

NOTES

- NUMBER OF CONDUITS AND CONDUIT ARRANGEMENTS SHALL BE AS SHOWN ON CONTRACT PLANS.
- ALL STAINLESS STEEL (S.S.) HARDWARE SHALL BE TYPE 304 IN ACCORDANCE WITH ASTM A193 GRADE B8. ALL OTHER HARDWARE SHALL BE STEEL AND MEET THE FOLLOWING STANDARDS WHERE APPLICABLE:
 - GALVANIZING, HOT DIPPED PER ASTM A153
 - HEX NUTS PER ASTM A563 GRADE DH
 - WASHERS PER ASTM F436
 - ALL ANCHOR BOLTS SHALL BE ASTM F-1554, GR. 105
- ANCHOR BOLT NUT SHALL BE INSTALLED TO PREVENT THE COUPLING FROM TURNING DURING INSTALLATION.
- THE RIGID NONMETALLIC CONDUIT SHALL END WITH A FEMALE THREAD COUPLING WITH ITS BOTTOM EDGE FLUSH WITH THE FACE OF THE FOUNDATION. THE CONTRACTOR SHALL GLUE A MALE THREAD FITTING TO THE CONDUIT COUPLING TO EXTEND THE CONDUIT UNDERGROUND WHERE DIRECTED IN THE CONTRACT PLANS.
- FOR DIMENSIONS OF LIGHTING HARDWARE NOT SHOWN ON THIS SHEET, SEE STANDARD DRAWING E-09.
- FOR STEEL POLE BOLT CIRCLE, SEE DRAWING E-02. FOR ALUMINUM POLE BOLT CIRCLE, SEE STANDARD DRAWING E-03.



STEEL POLE ON STRUCTURE
TYPICAL STEEL POLE BOLTING DETAILS
SCALE: 3/8" = 1"
(SEE SCHEDULE 10.1 FOR DIMENSIONS)

ITEM	DIMENSION WHEN USING ALUMINUM POLE WITH 11"-12" BOLT CIRCLE	DIMENSION WHEN USING STEEL POLE WITH 12" BOLT CIRCLE
A		1 1/4"-7NC x 4" LONG
B		1 5/16" I.D. FOR 1 1/4" BOLT
C		2 3/4" O.D. x 1/2" THICK
D		1 1/4"-7NC
E	SEE DETAILS AND SCHEDULE 9.1 ON DRAWING E-09	1 1/4"-7NC x 6" LONG
F		1 1/4"-7NC
G		1 5/16" I.D. FOR 1 1/4" BOLT
H		1 5/16" I.D. FOR 1 1/4" BOLT
J		VIBRATION DAMPING PAD
K		1 1/2" EMBEDMENT (MIN)
L		1 5/16" I.D. x 5/16" THICK
M	3'-0"	3'-6"
N	1"	1 1/4"
P	2"	5"
R	3"	3 3/4"
S	1 1/2"	1 3/16"

SCHEDULE 10.1 - DIMENSION SCHEDULE FOR ANCHOR BOLT ASSEMBLIES
(SEE NOTE 5)



NEW JERSEY TURNPIKE AUTHORITY
**NEW JERSEY TURNPIKE
GARDEN STATE PARKWAY**
STANDARD DRAWINGS

LIGHTING STANDARD ANCHOR BOLT DETAILS

OFFICE OF THE CHIEF ENGINEER
NEW JERSEY TURNPIKE AUTHORITY
WOODBIDGE, NEW JERSEY

STANDARD DRAWING

REV.	DESCRIPTION	DATE
1	UPDATED DIMENSIONS AND NOTES	07/25
0	REISSUED DRAWING	09/21

E-10