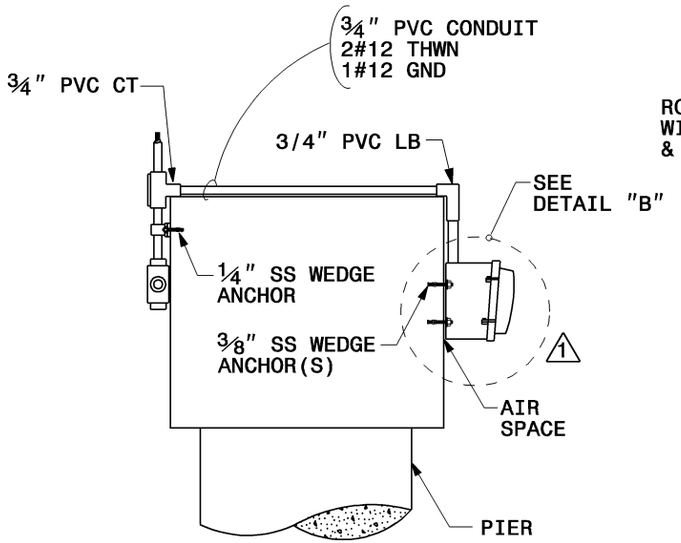
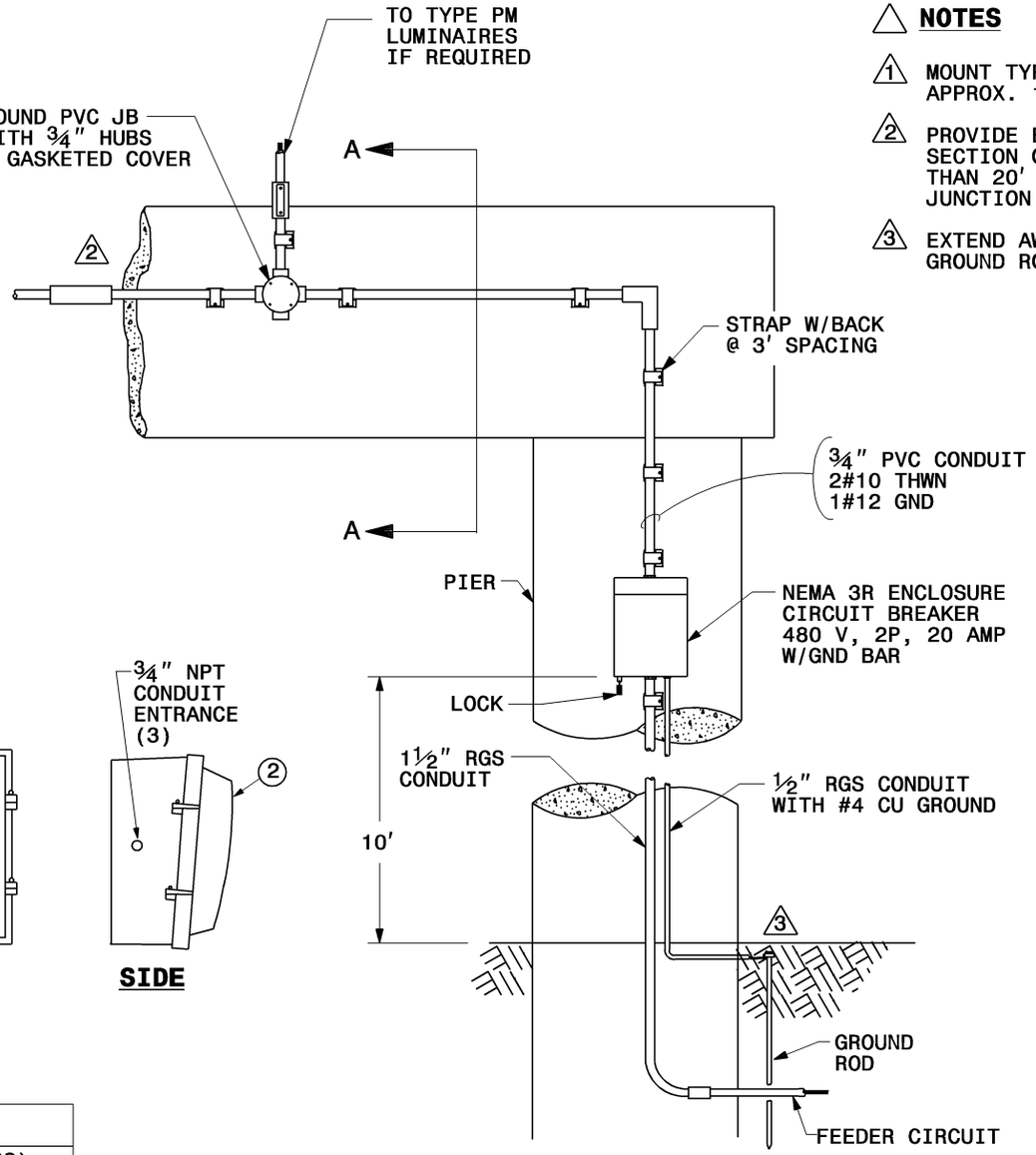
STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

7-06

ENGLISH STANDARD DRAWING FOR
UNDERPASS LIGHTING



SECTION A-A



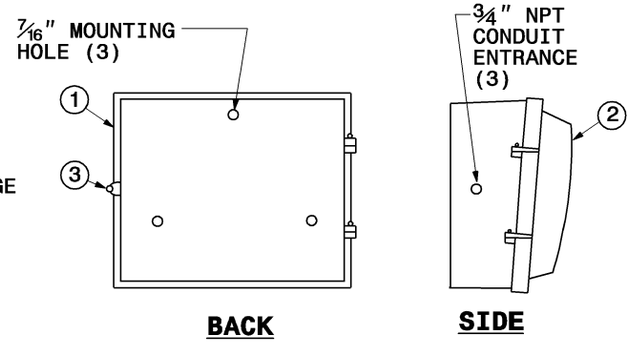
TYPE WM LUMINAIRE AND CIRCUITRY

NOTES

1. MOUNT TYPE WM LUMINAIRE APPROX. 15' ABOVE ROADWAY.
2. PROVIDE EXPANSION FITTINGS IN EACH SECTION OF CONDUIT THAT IS GREATER THAN 20' LONG BETWEEN TERMINALS AT JUNCTION BOXES OR PIER CAP.
3. EXTEND AWAY FROM PIER SO THAT GROUND ROD WILL MISS FOOTING.

COMPONENTS

1. DIE CAST ALUMINUM HOUSING, DOOR & HINGE
2. PRISMATIC REFRACTOR
3. SINGLE SCREW LATCH



BACK

SIDE

DETAIL "B"

ADHESIVE ANCHOR SPECIFICATIONS				
SIZE	MIN. EMBEDMENT	BSATL 3000 PSI CONCRETE	ARAL (304 SS)	
			TENSILE	SHEAR
⅜"	5¼"	3320	2600	1850

BSATL = BOND STRENGTH ALLOWABLE TENSILE LOAD (LBS)
ARAL = ANCHOR ROD ALLOWABLE LOAD(LBS)

ADHESIVE ANCHORS

SHEET 2 OF 2
1412.01

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SHEET 2 OF 2
1412.01