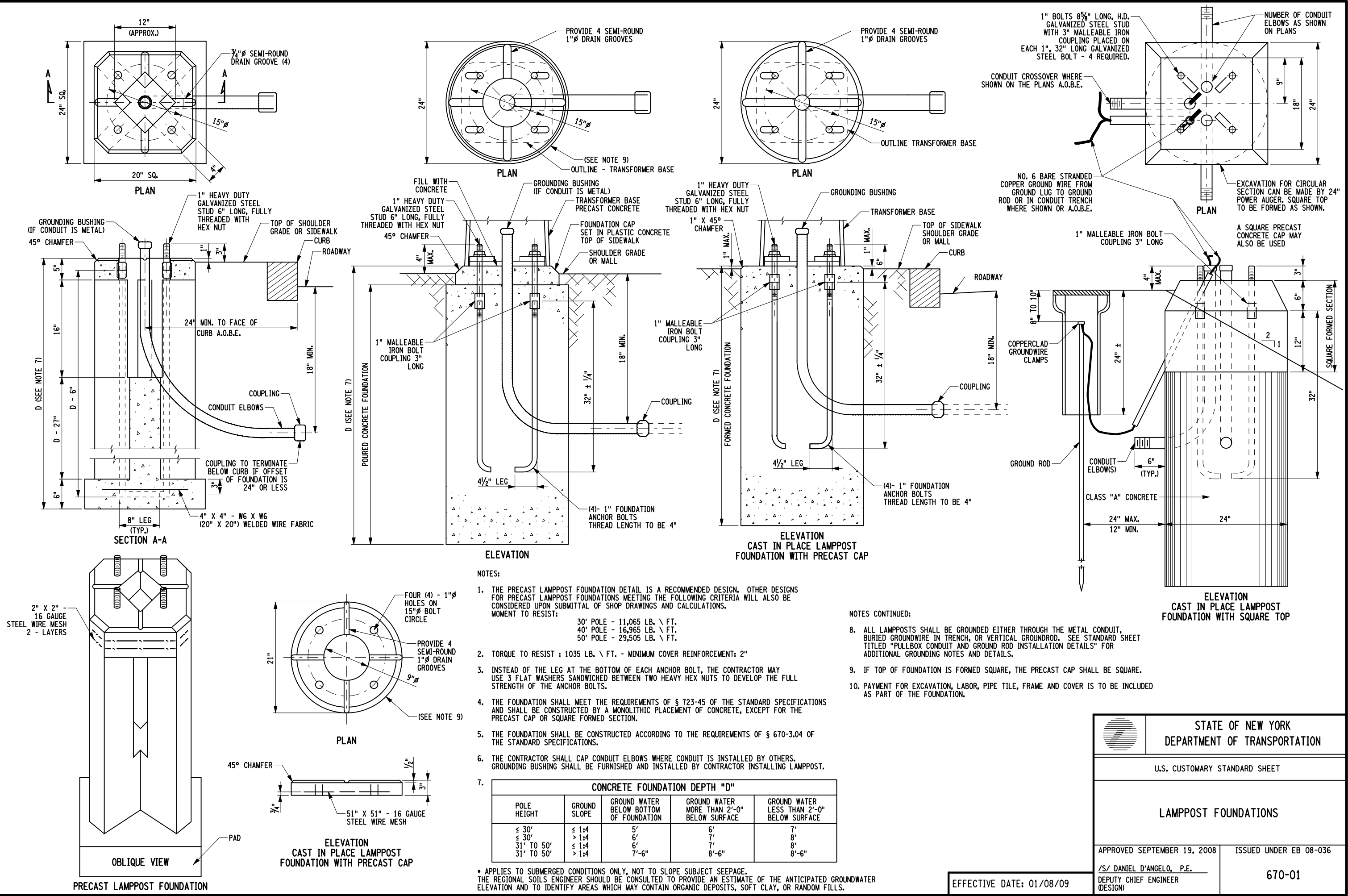


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NOTES:

- THE PRECAST LAMPOST FOUNDATION DETAIL IS A RECOMMENDED DESIGN. OTHER DESIGNS FOR PRECAST LAMPOST FOUNDATIONS MEETING THE FOLLOWING CRITERIA WILL ALSO BE CONSIDERED UPON SUBMITTAL OF SHOP DRAWINGS AND CALCULATIONS.
MOMENT TO RESIST:
30' POLE - 11,065 LB. \ FT.
40' POLE - 16,965 LB. \ FT.
50' POLE - 29,505 LB. \ FT.
- TORQUE TO RESIST : 1035 LB. \ FT. - MINIMUM COVER REINFORCEMENT: 2"
- INSTEAD OF THE LEG AT THE BOTTOM OF EACH ANCHOR BOLT, THE CONTRACTOR MAY USE 3 FLAT WASHERS SANDWICHED BETWEEN TWO HEAVY HEX NUTS TO DEVELOP THE FULL STRENGTH OF THE ANCHOR BOLTS.
- THE FOUNDATION SHALL MEET THE REQUIREMENTS OF § 723-45 OF THE STANDARD SPECIFICATIONS AND SHALL BE CONSTRUCTED BY A MONOLITHIC PLACEMENT OF CONCRETE, EXCEPT FOR THE PRECAST CAP OR SQUARE FORMED SECTION.
- THE FOUNDATION SHALL BE CONSTRUCTED ACCORDING TO THE REQUIREMENTS OF § 670-3.04 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL CAP CONDUIT ELBOWS WHERE CONDUIT IS INSTALLED BY OTHERS. GROUNDING BUSHING SHALL BE FURNISHED AND INSTALLED BY CONTRACTOR INSTALLING LAMPOST.
-

CONCRETE FOUNDATION DEPTH "D"				
POLE HEIGHT	GROUND SLOPE	GROUND WATER BELOW BOTTOM OF FOUNDATION	GROUND WATER MORE THAN 2'-0" BELOW SURFACE	GROUND WATER LESS THAN 2'-0" BELOW SURFACE
≤ 30'	≤ 1:4	5'	6'	7'
≤ 30'	> 1:4	6'	7'	8'
31' TO 50'	≤ 1:4	6'	7'	8'
31' TO 50'	> 1:4	7'-6"	8'-6"	8'-6"

* APPLIES TO SUBMERGED CONDITIONS ONLY, NOT TO SLOPE SUBJECT SEEPAGE. THE REGIONAL SOILS ENGINEER SHOULD BE CONSULTED TO PROVIDE AN ESTIMATE OF THE ANTICIPATED GROUNDWATER ELEVATION AND TO IDENTIFY AREAS WHICH MAY CONTAIN ORGANIC DEPOSITS, SOFT CLAY, OR RANDOM FILLS.

NOTES CONTINUED:

- ALL LAMPOSTS SHALL BE GROUNDED EITHER THROUGH THE METAL CONDUIT, BURIED GROUNDWIRE IN TRENCH, OR VERTICAL GROUNDROD. SEE STANDARD SHEET TITLED "PULLBOX CONDUIT AND GROUND ROD INSTALLATION DETAILS" FOR ADDITIONAL GROUNDING NOTES AND DETAILS.
- IF TOP OF FOUNDATION IS FORMED SQUARE, THE PRECAST CAP SHALL BE SQUARE.
- PAYMENT FOR EXCAVATION, LABOR, PIPE TILE, FRAME AND COVER IS TO BE INCLUDED AS PART OF THE FOUNDATION.

STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION	
U.S. CUSTOMARY STANDARD SHEET	
LAMPOST FOUNDATIONS	
APPROVED SEPTEMBER 19, 2008	ISSUED UNDER EB 08-036
/S/ DANIEL D'ANGELO, P.E. DEPUTY CHIEF ENGINEER (DESIGN)	670-01

EFFECTIVE DATE: 01/08/09