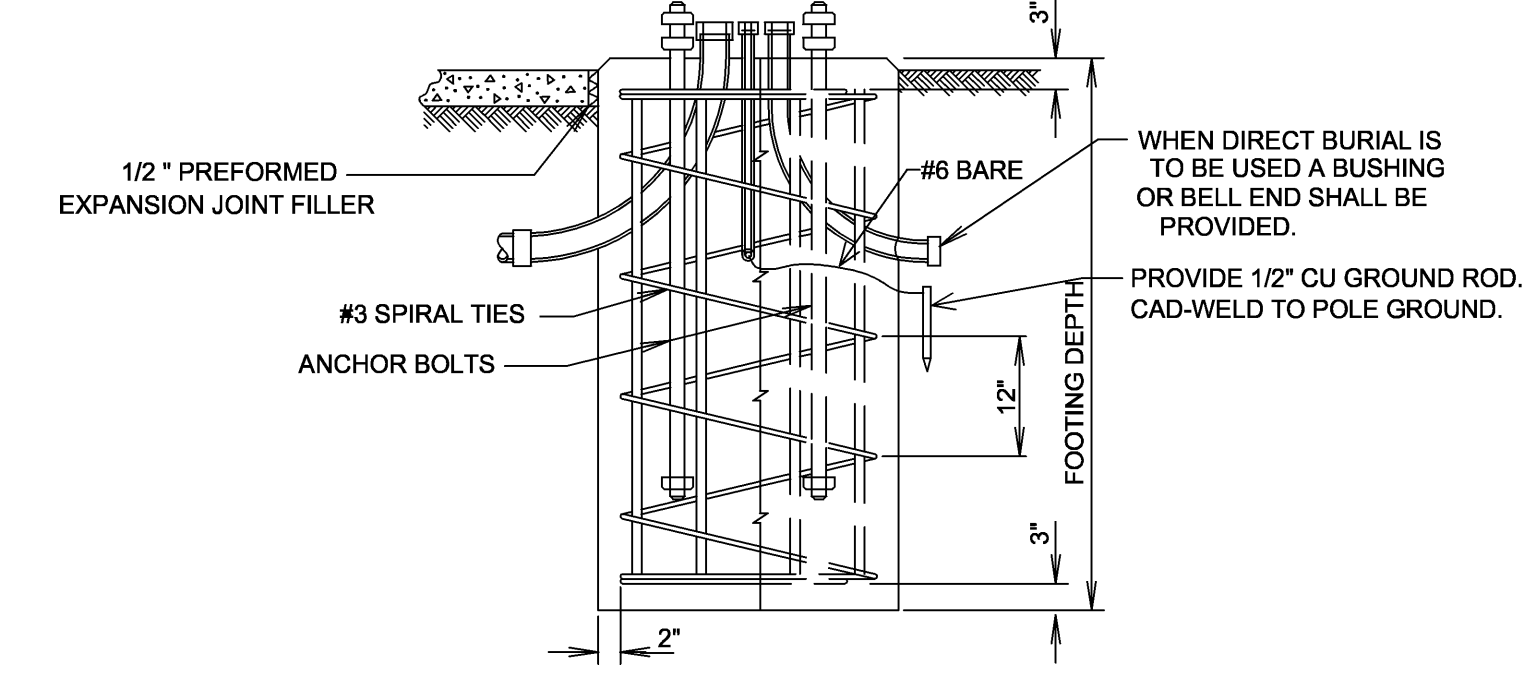
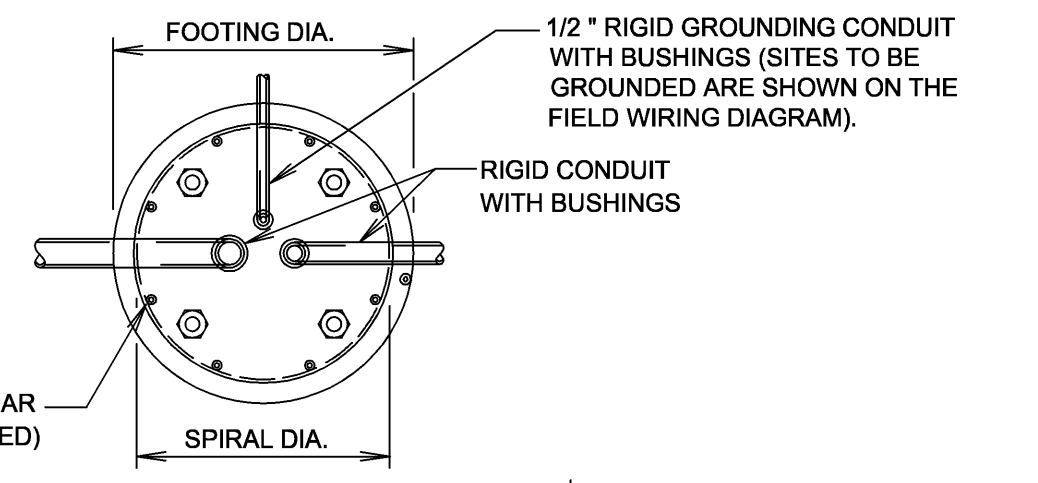


TABLE OF FOOTING DATA

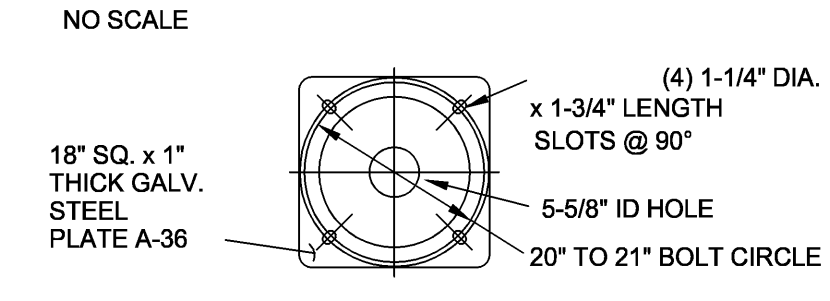
SITE DESIGNATION	FOOTING DIAMETER	FOOTING DEPTH	**SPIRAL DIAMETER	**SPIRAL LENGTH	VERTICAL REINFORCEMENT
LA2	2'-0"	9'-0"	1'-8"	65'-3"	8-#7 X 9'-6"
LA2-W	2'-0"	9'-0"	1'-8"	65'-3"	8-#7 X 9'-6"

* FOOTING DEPTH SHALL BE BELOW GROUND LEVEL.
 ** THE SIZE OF ALL SPIRALS SHALL BE #4.

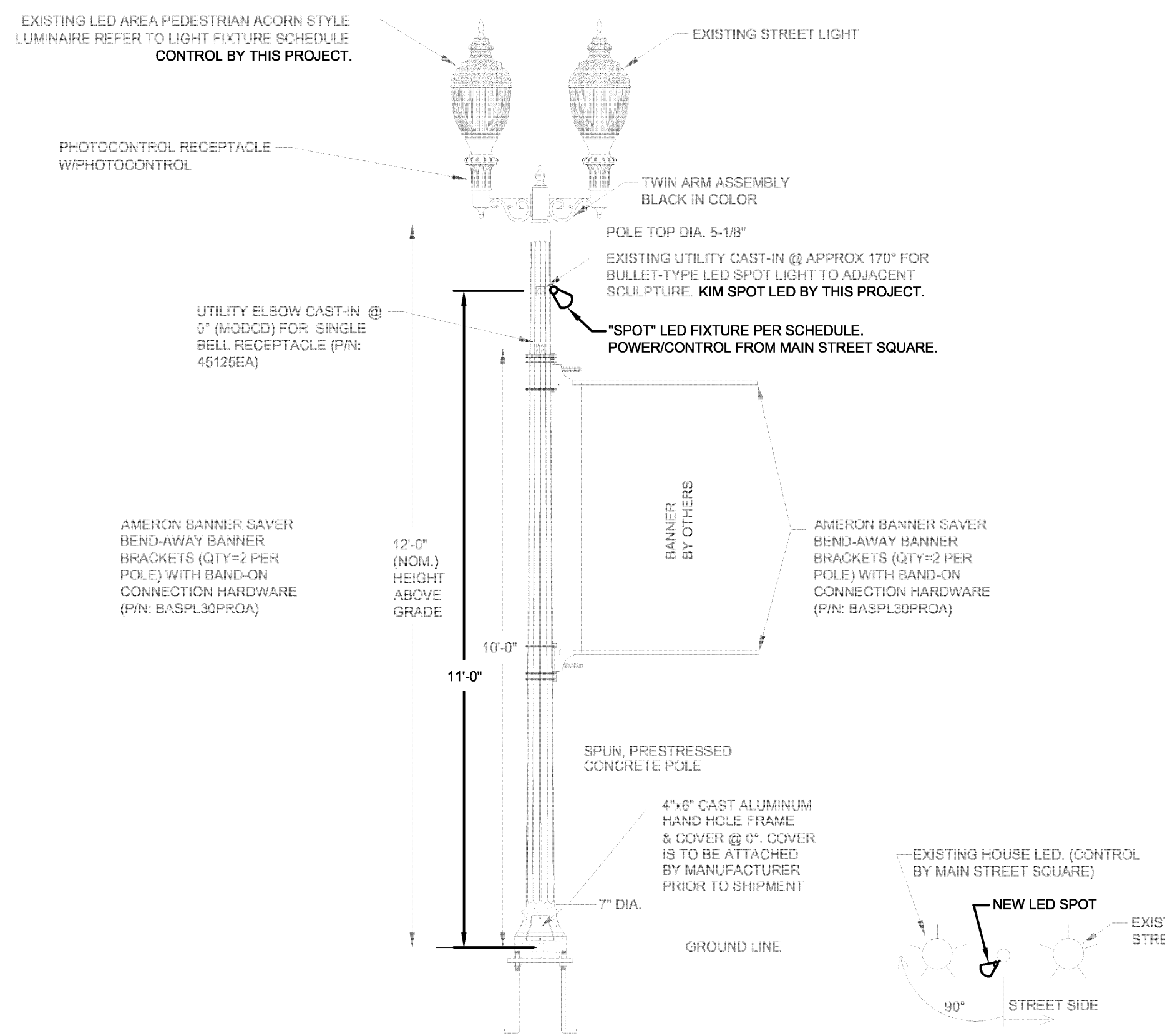


GENERAL NOTES:
 * #3 CIRCULAR TIES MAY BE USED IN LIEU OF THE #3 SPIRAL TIES. THE TIES SHALL BE SPACED 12" APART EXCEPT FOR THE TOP TWO WHICH SHALL BE SPACED 6" APART. THE TIES SHALL BE LAPPED 18" AND THE LAPS SHALL BE STAGGERED AROUND THE CAGE. SPIRAL TIES SHALL HAVE 1-1/2 EXTRA TURNS AT EACH END. CIRCULAR TIES SHALL CONFORM TO ASTM 82.
 FOR FOOTING MATERIALS SEE SECTION 985 OF THE STANDARD SPECIFICATIONS.
 CONDUITS AND BUSHINGS MAY PROJECT 2 1/2" TO 6" ABOVE FOOTING FOR FIXED BASE POLES BUT SHALL NOT PROJECT ABOVE THE SLIP PLANE OR FRACTURE PLANE FOR BREAKAWAY POLES.
 CONDUITS SHALL BE SEALED WATER-TIGHT DURING ALL PHASES OF CONSTRUCTION UNTIL POLES ARE IN PLACE.
 COSTS OF CONDUIT AND CONDUIT BUSHINGS SHOWN ON FOOTING DETAIL SHALL BE INCIDENTAL TO THE FOOTING BID ITEM(S).
 THE CONTOUR OF THE AREA SURROUNDING THE BREAKAWAY POLE SHALL BE FLAT, THOUGH NOT NECESSARY LEVEL FOR A DISTANCE OF 5 FEET IN ALL DIRECTIONS. THE CONTRACTOR MAY BE REQUIRED TO PROVIDE FINISH GRADING AT SOME BREAKAWAY POLE LOCATIONS.

POLE FOOTING

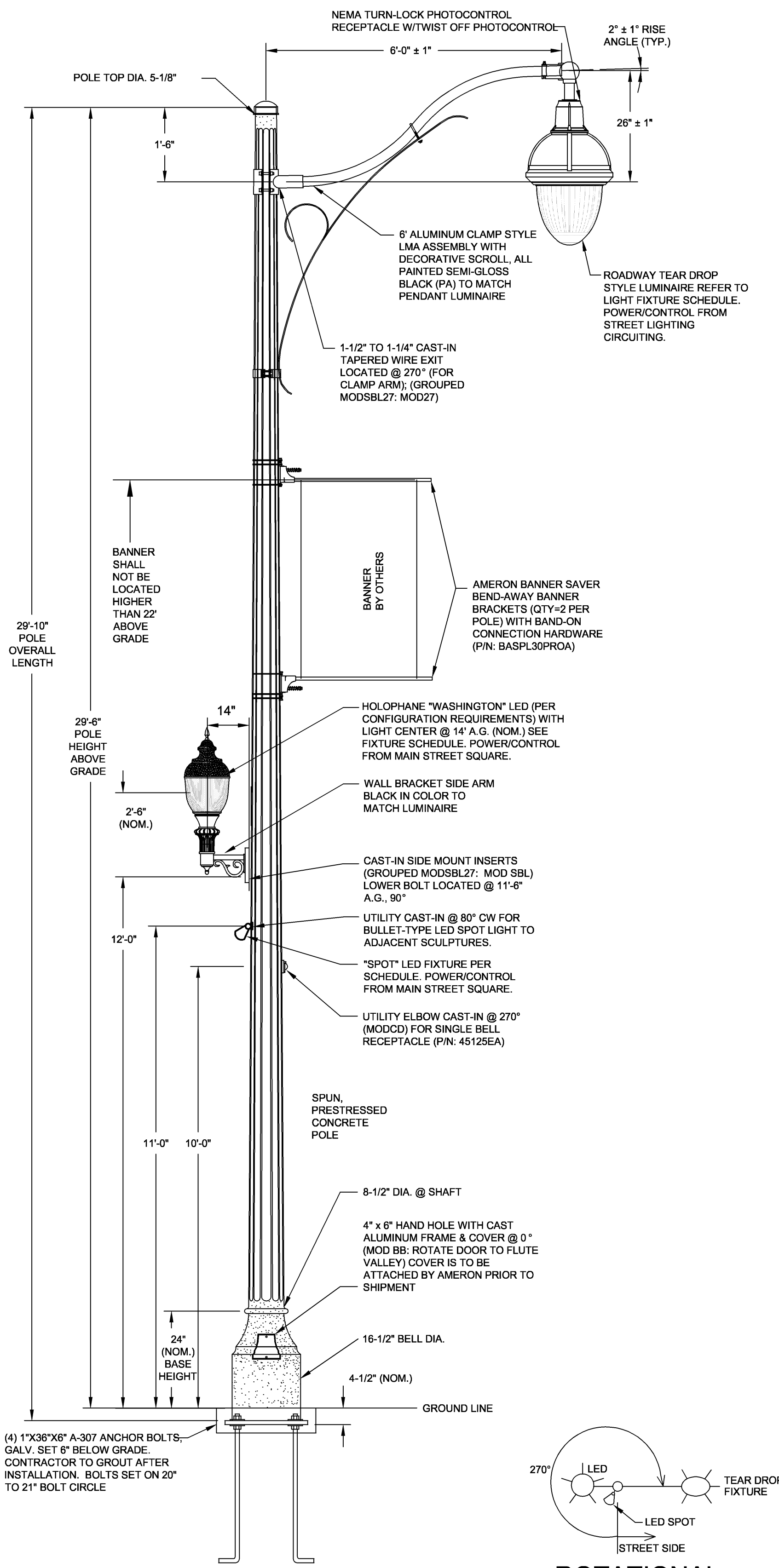


18" BASE PLATE DETAIL-TYPES LA-2 & LA2W



EXISTING TYPE LB-2 POLE DETAIL

NO SCALE
 FOR INFORMATIONAL PURPOSES ONLY
 NOTE:
 NEW LED SPOT FIXTURE ON EXISTING POLE BY THIS CONTRACT.

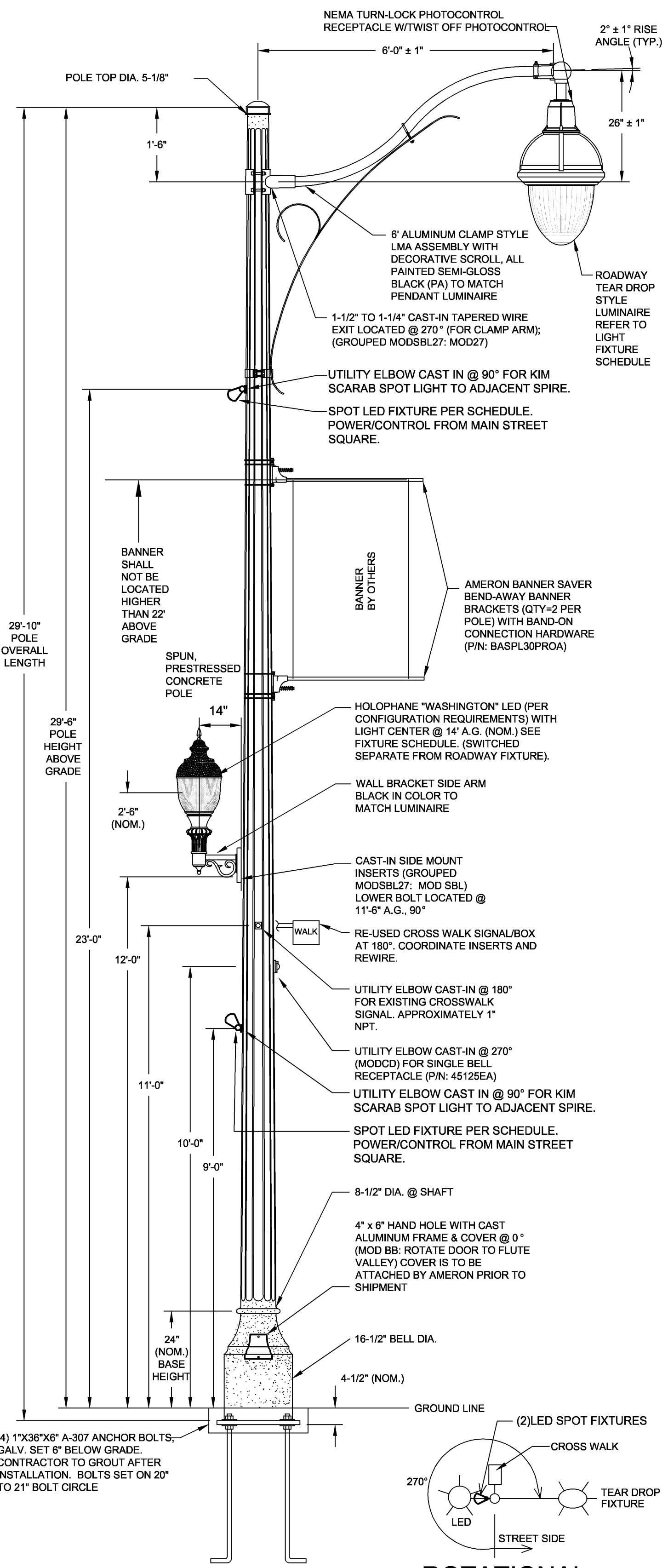


TYPE LA2 (NEW LIKE 6TH STREET)

NO SCALE
 (ALSO PROVIDE NEW "SPOT" FIXTURE ON EXISTING LA-2 POLE)



ROTATIONAL REFERENCE GUIDE



TYPE LA-2W POLE DETAIL

NO SCALE



ROTATIONAL REFERENCE GUIDE

NOT FOR CONSTRUCTION

RUNDELL ERNSTBERGER ASSOCIATES, LLC
 Land Planning + Urban Design + Landscape Architecture
 611 W Main Street, Suite 201, Louisville, KY 40202
 TE (502) 561.8676 FX (502) 561.9076
 E-mail: realouisville@reassoc.com
 www.reassoc.com

additional offices in:
 Indianapolis, IN | Muncie, IN

PREPARED FOR:
City of Rapid City
 Public Works Department
 300 Sixth Street, Rapid City, SD 57701
 TE (605) 394-4165 FX (605) 355-3083

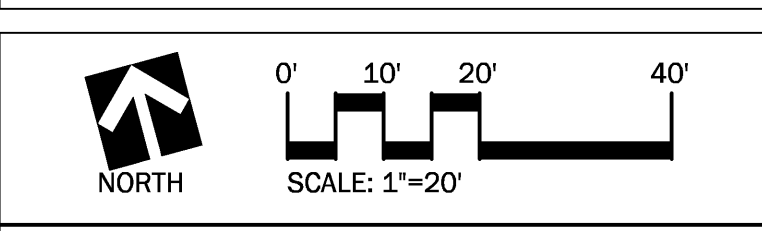
Destination Rapid City
 606 Main Street, Rapid City, SD 57701
 TE (605) 716-7979 FX (605) 341-6415

CONSULTANTS:
FourFront Design, Inc.
 Architecture and Civil Engineering
 517 Seventh Street
 Rapid City, SD 57701
 TE (605) 342-9470 FX (605) 342-2377

Skyline Engineering, LLC
 Electrical and Mechanical Engineering
 615 12th Street
 Rapid City, SD 57701
 TE (605) 737-3800 FX (605) 737-3859

Albertson Engineering, Inc.
 Structural Engineering
 3202 W Main Street, Suite C
 Rapid City, SD 57702
 TE (605) 343-9606 FX (605) 341-7395

PROJECT:
Main Street Square Site Development
 Rapid City, South Dakota



NO.	BY	DESCRIPTION	DATE
-	REA	100% CONSTRUCTION DRAWINGS REVIEW SET	9/08/10

COPYRIGHT NOTICE:
 THE CONCEPTS, IDEAS, DESIGNS, PLANS, AND DETAILS AS SHOWN ON THIS DOCUMENT ARE THE SOLE PROPERTY OF RUNDELL ERNSTBERGER ASSOCIATES, LLC AND WERE CREATED, DEVELOPED, AND PROVIDED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THE CONCEPTS, IDEAS, DESIGNS, PLANS, AND DETAILS SHALL BE USED BY ANY PERSON, FIRM, OR CORPORATION FOR ANY PURPOSE IN-ASSASSIN, WITHOUT THE EXPRESSED WRITTEN CONSENT OF RUNDELL ERNSTBERGER ASSOCIATES, LLC. THE OWNER/CLIENT SHALL BE PERMITTED TO RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION WITH THIS PROJECT.

DRAWING NAME:
ELECTRICAL DETAILS

CERTIFICATION:
 100% CDs
 OWNER REVIEW SET

City #: PR2010-1901
 Project No.: 091131
 Date: Sept 8, 2010
 Drawn by: MMM
 Checked by: JBS
 File: e-flrpin.dwg
 DRAWING #:

E4.30