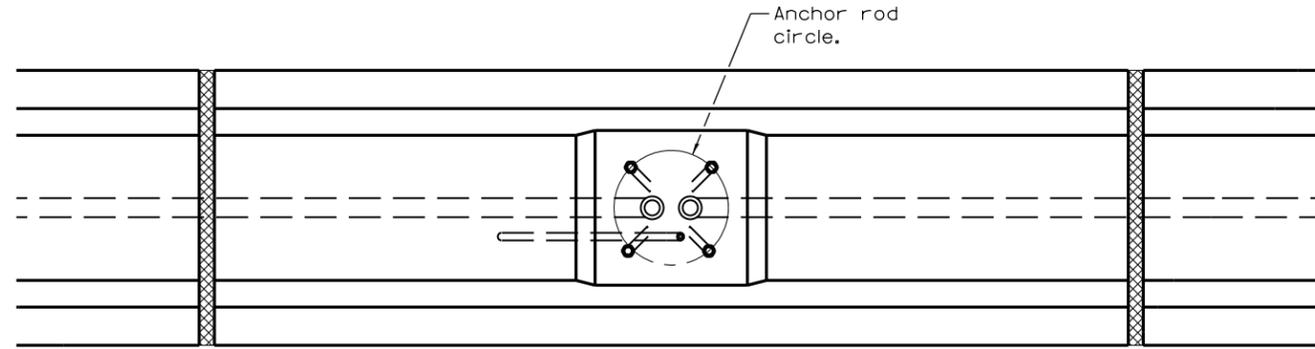
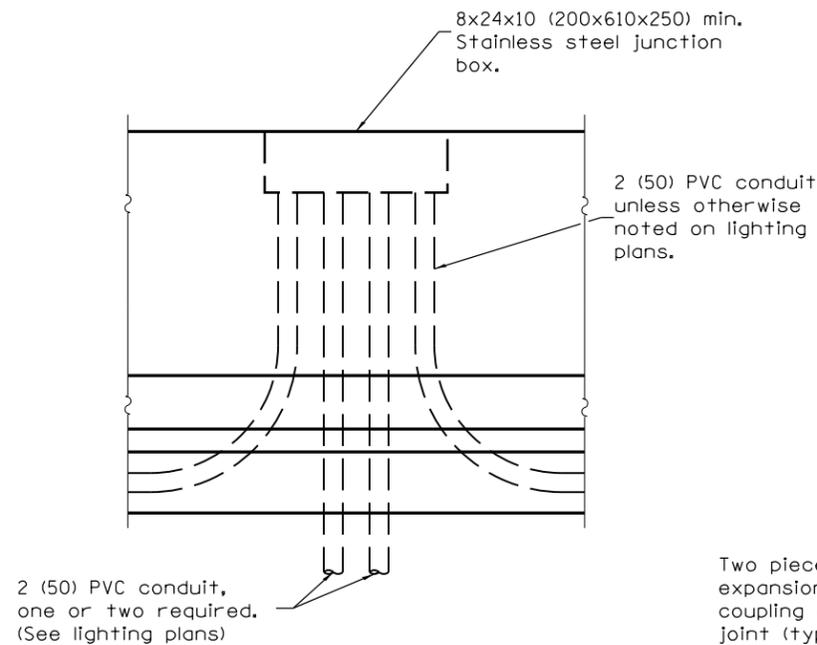


FOUNDATION TABLE				
LIGHT POLE MOUNTING HEIGHT	SHAFT DIAMETER	SHAFT DEPTH	ANCHOR ROD LENGTH ①	ANCHOR ROD CIRCLE DIA.
≤30' (9.1 m)	24 (610)	36 (914)	6'-0" (1.83 m)	11 1/2 (292)
31'-35' (9.4 m - 10.7 m)	24 (610)	3'-6" (1.06 m)	6'-6" (1.98 m)	11 1/2 (292)
36'-40' (10.9 m - 12.2 m)	30 (762)	4'-0" (1.22 m)	7'-0" (2.13 m)	15 (381)
41'-45' (12.5 m - 13.7 m)	30 (762)	4'-6" (1.37 m)	7'-6" (2.29 m)	15 (381)
46'-50' (14.0 m - 15.2 m)	30 (762)	5'-0" (1.52 m)	8'-0" (2.44 m)	15 (381)

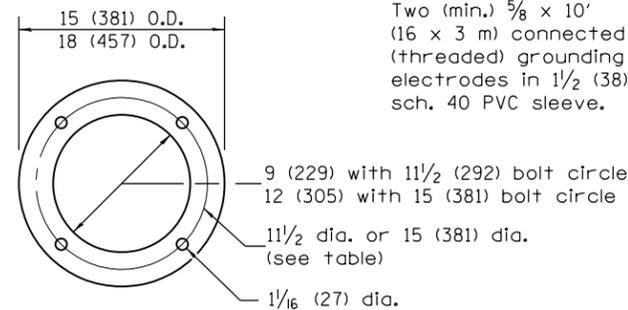
① Length does not include 4 (100) hook.



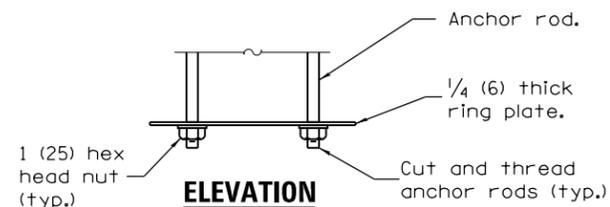
PLAN



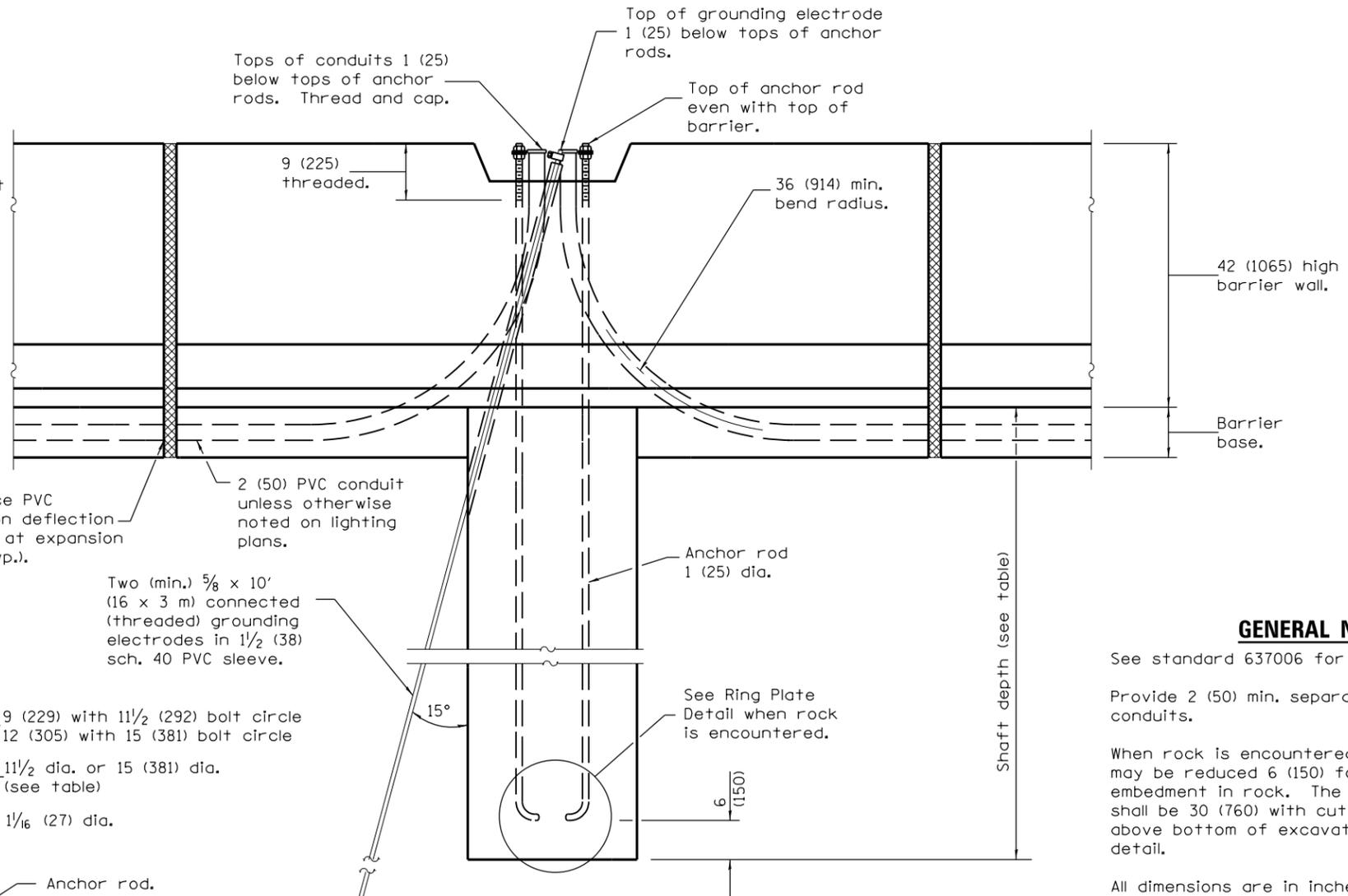
JUNCTION BOX ELEVATION



PLAN



RING PLATE DETAIL ELEVATION



ELEVATION

LIGHT POLE FOUNDATION

GENERAL NOTES

See standard 637006 for barrier wall details.

Provide 2 (50) min. separation between all conduits.

When rock is encountered the foundation depth may be reduced 6 (150) for every 12 (300) of embedment in rock. The minimum foundation depth shall be 30 (760) with cut anchor rods 6 (150) above bottom of excavated hole. See ring plate detail.

All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-14	Modified grounding meethod. Revised general notes.
1-1-13	New standard.

LIGHT POLE FOUNDATION WITH 42 in. (1065 mm) CONCRETE MEDIAN BARRIER

STANDARD 836011-01

Illinois Department of Transportation

PASSED January 1, 2014

ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2014

ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-04