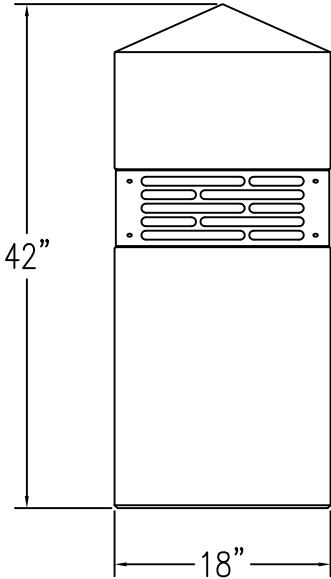
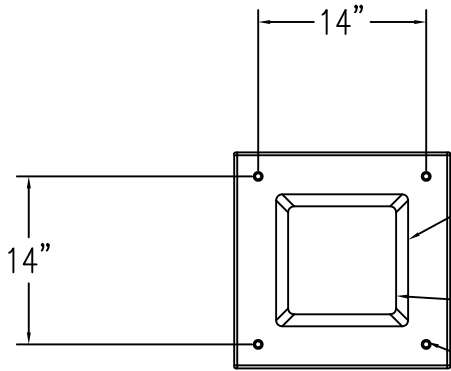


1 TOP VIEW



2 ELEVATION VIEW

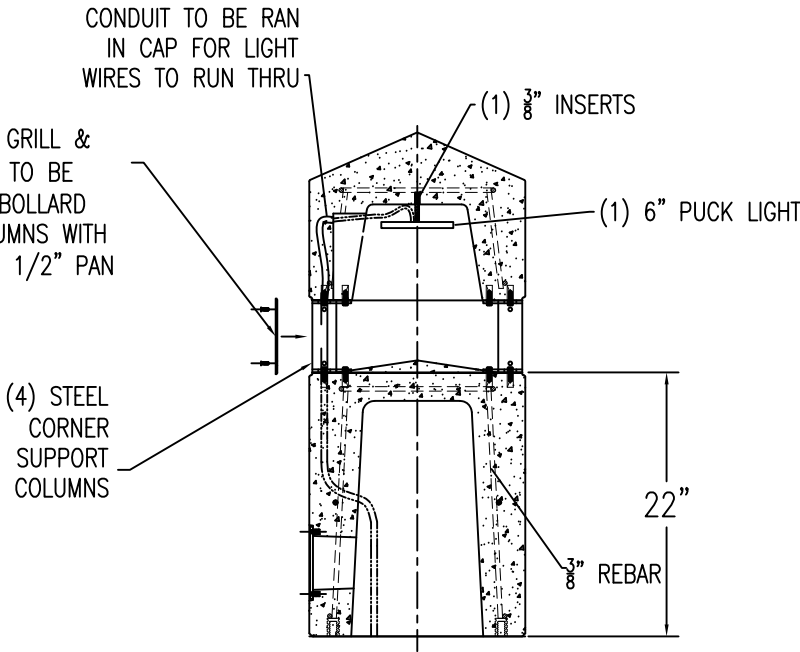


3 BOTTOM VIEW

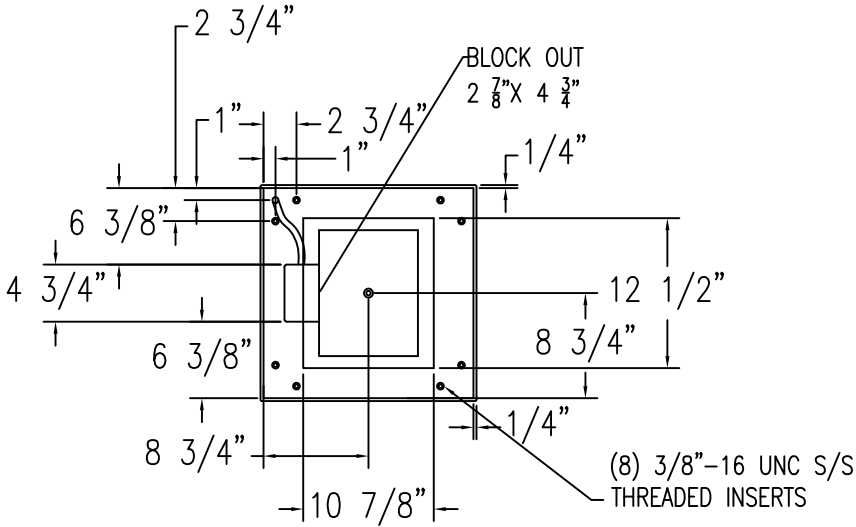
11" X 11" CORE
AT BOTTOM X 19
5/8" HIGH

9" X 9" CORE
AT TOP X 19
5/8" HIGH

(4) 1/2-13 S/S
THREADED
INSERTS



4 CROSS SECTION



5 BOTTOM VIEW OF BOLLARD TOP

REVISIONS

	NAME	DATE	NOTES
1	---	-----	---
2	---	-----	---
3	---	-----	---
4	---	-----	---
5	---	-----	---
6	---	-----	---
7	---	-----	---
8	---	-----	---

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JOB NAME

ADDRESS
CITY, STATE ZIP

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
FRACTIONS ±1/8"

DRAWN BY: TAS

DATE: 1/20/17

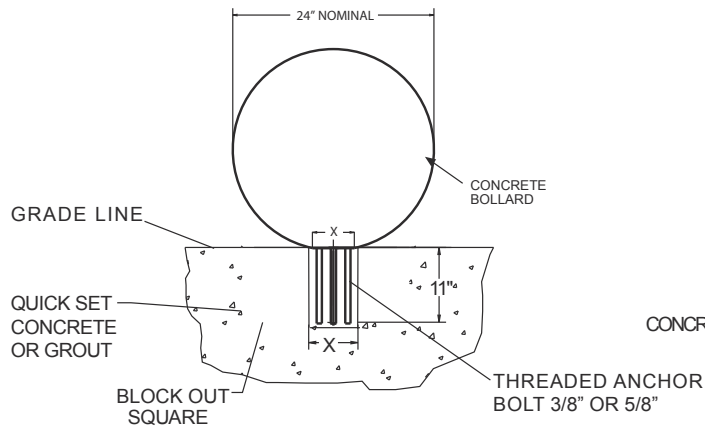
CO NUMBER: ?

WEIGHT: 675 LBS

PRODUCT NO.

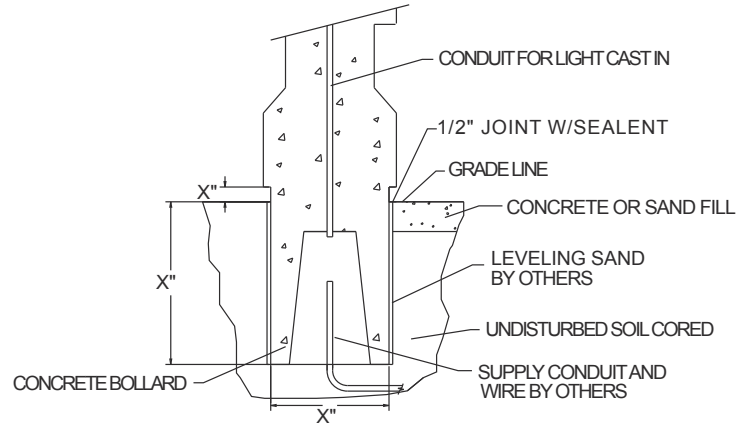
TF 6083

SPHERE BOLLARD ANCHOR
24" - 30" - 36"

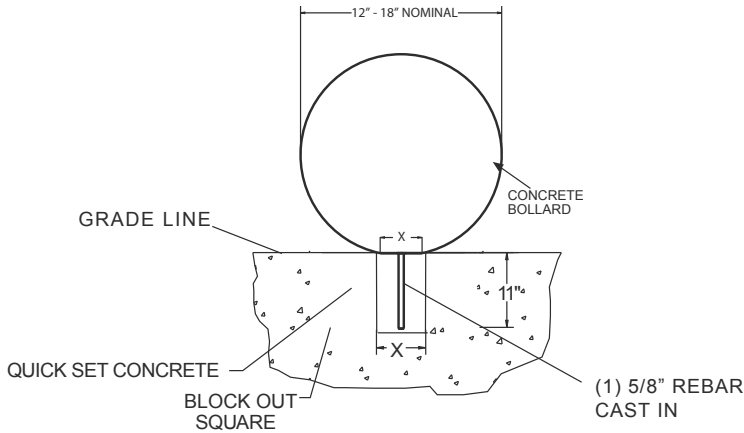


X = BLOCKOUT DIMENSION SHOULD BE 1/2" LESS THAN THE OUTSIDE OF THE SURFACE AREA TOUCHING THE GROUND.

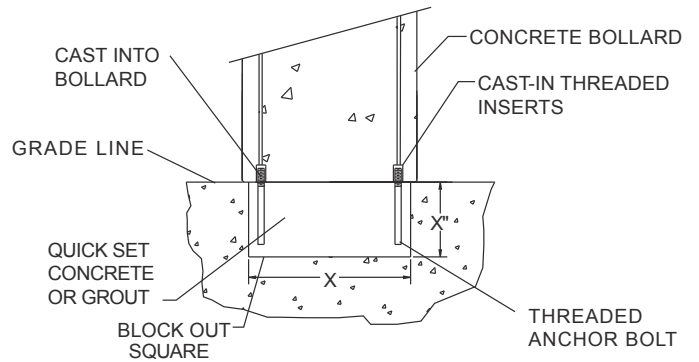
ANCHOR STYLE C



SPHERE BOLLARD ANCHOR
12" - 18"



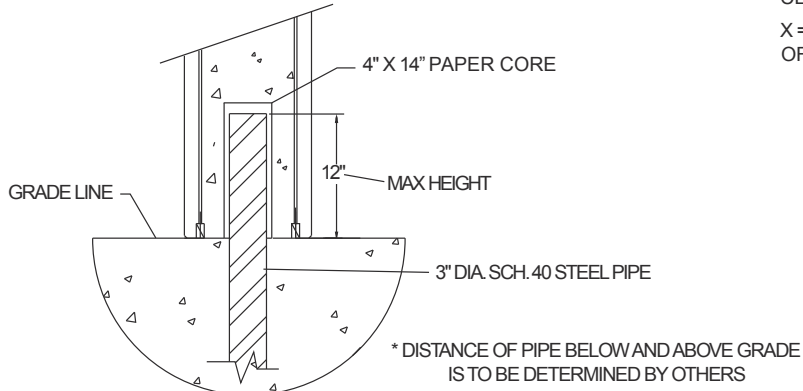
ANCHOR STYLE A



NOTE: THIS TYPE ANCHORING IS NOT USED AS BARRICADE. IF USING BOLLARD WITH LIGHT, RUN CONDUIT THROUGH CENTER OF BOLT PATTERN AND STUB OUT.

X = BLOCKOUT DIMENSION SHOULD BE 1/2" LESS THAN THE OUTSIDE OF THE BOLLARD.

ANCHOR STYLE B



NOTE: THIS TYPE ANCHORING IS ALSO USED AS A BARRICADE. BOLLARD HELD IN PLACE BY STEEL PIPE. STEEL PIPE MUST BE ANCHORED IN CONCRETE FOOTING.

TYP. 12" DIA. CONCRETE BOLLARD SAME ANCHORING SYSTEM USED ON 14" AND 18" DIA. OR SQ. BOLLARDS