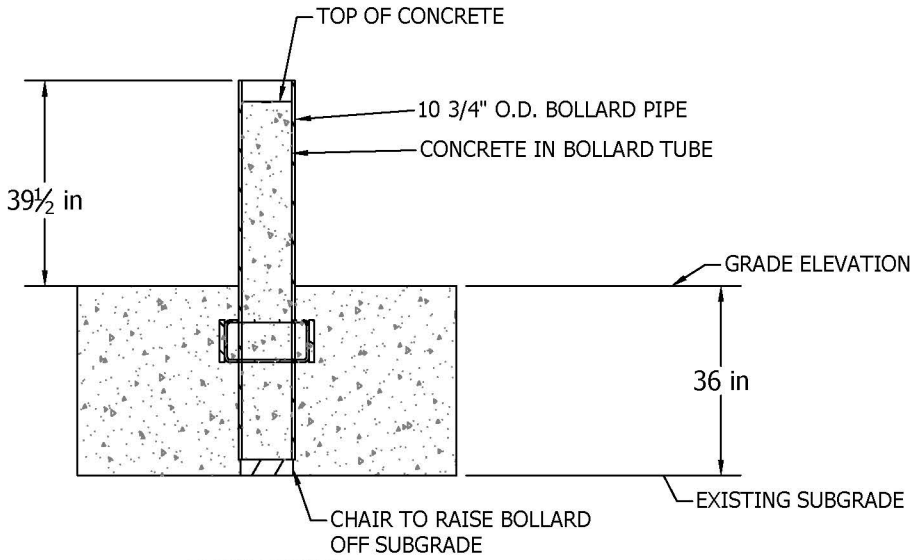
SET & POUR BOLLARD - MODEL SPB-1200 (PREFABRICATED SINGLE BOLLARD UNIT, NO REBAR IN FOUNDATION)

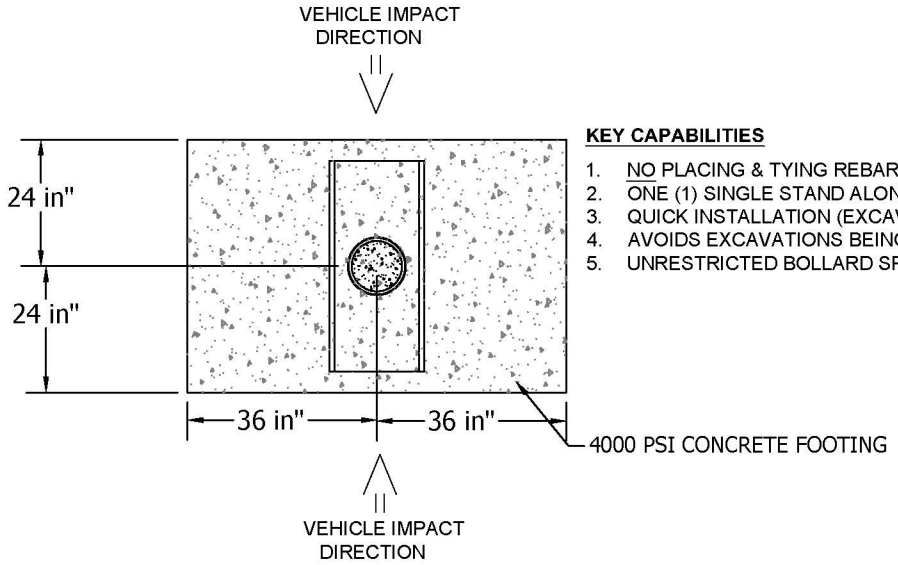
STOPS 15,000 LB. VEHICLE AT 50 MPH IMPACT (BOLLARD SPACING IS UNRESTRICTED)
ASTM F2656-07 M50(K12)

SINGLE STAND ALONE BOLLARD INSTALLATION

FRONT VIEW



TOP VIEW



KEY CAPABILITIES

1. NO PLACING & TYING REBAR IN CONCRETE FOUNDATION.
2. ONE (1) SINGLE STAND ALONE PREFABRICATED BOLLARD UNIT STOPS THE VEHICLE IMPACT.
3. QUICK INSTALLATION (EXCAVATE, THEN SET BOLLARD & POUR CONCRETE).
4. AVOIDS EXCAVATIONS BEING OPEN OVERNIGHT (SET & POUR BOLLARD ARRAY IN 1 DAY).
5. UNRESTRICTED BOLLARD SPACING (ONE BOLLARD STOPS VEHICLE IMPACT).

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DETAILS
ASTM M50 (K12)
SET & POUR BOLLARD

WEBSITE DRAWING

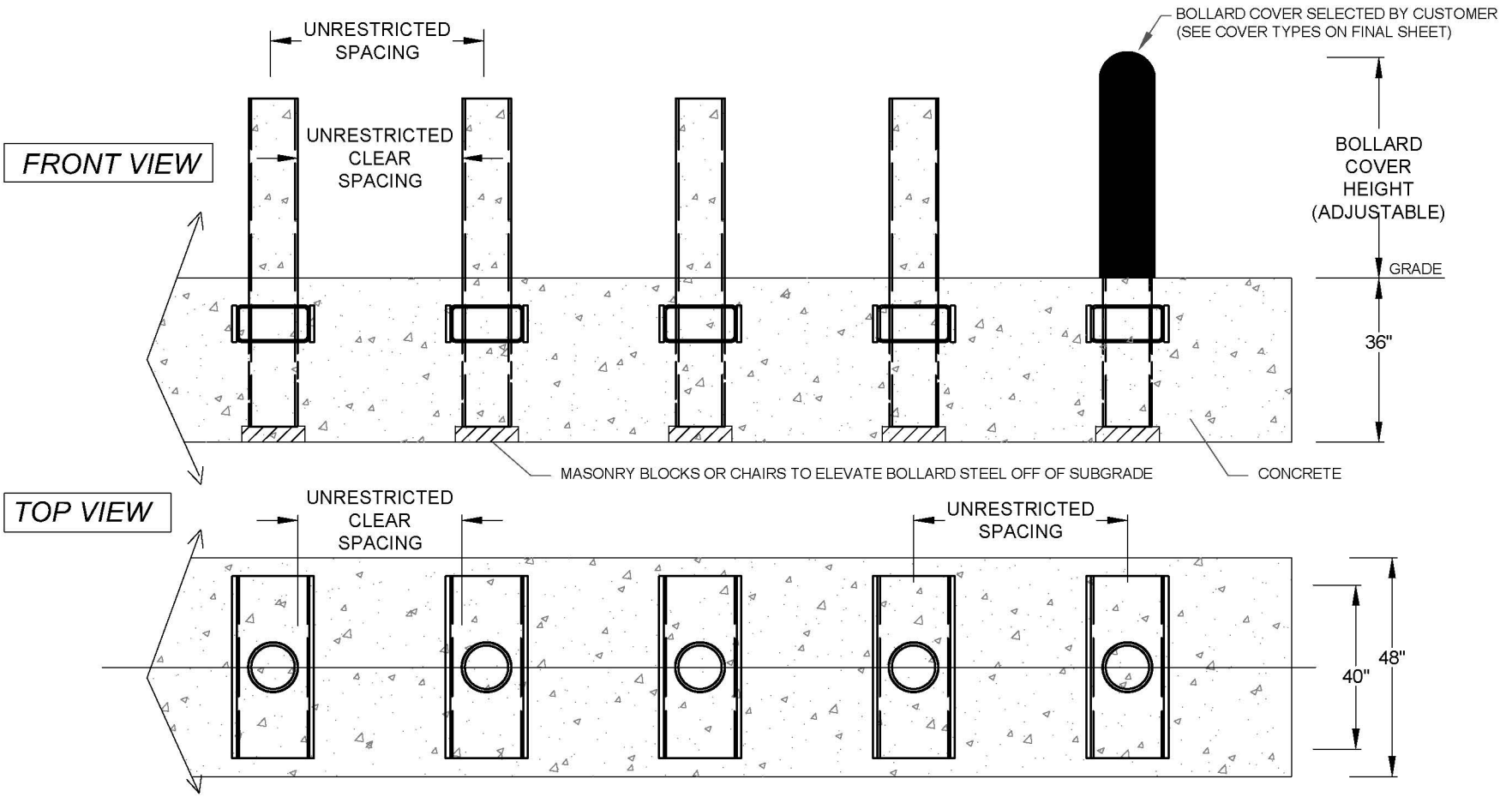
20210706-01-P

SCALE: N.T.S.

SET & POUR BOLLARD - MODEL SPB-1200 (PREFABRICATED SINGLE BOLLARD UNIT, NO REBAR IN FOUNDATION)

STOPS 15,000 LB. VEHICLE AT 50 MPH IMPACT (BOLLARD SPACING IS UNRESTRICTED)
ASTM F2656-07 M50(K12)

TYPICAL BOLLARD ARRAY INSTALLATION



KEY CAPABILITIES

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TYPICAL ARRAY
ASTM M50 (K12)
SET & POUR BOLLARD

WEBSITE DRAWING

20210706-01-P

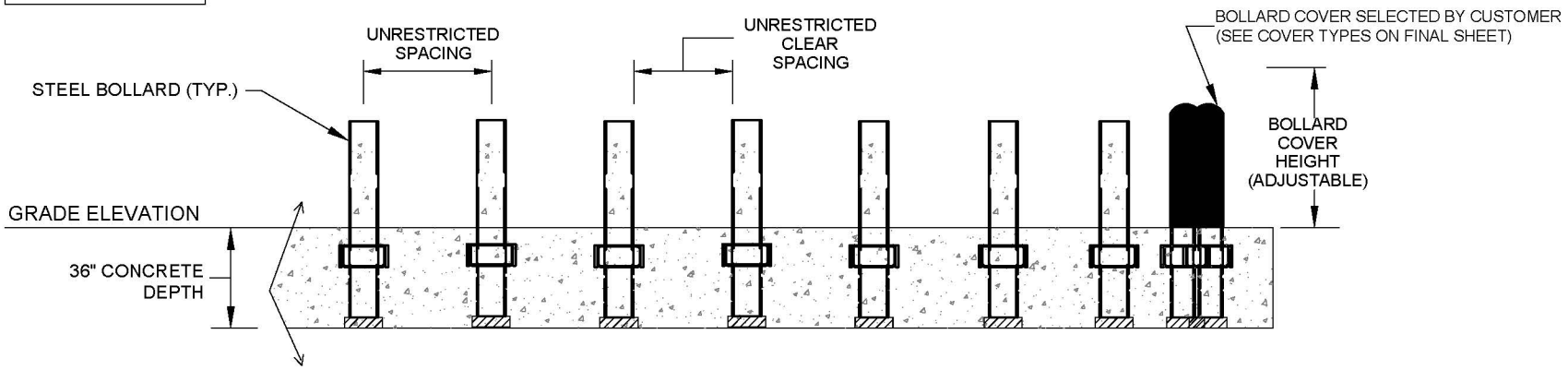
SCALE: N.T.S.

SET & POUR BOLLARD - MODEL SPB-1200 (PREFABRICATED SINGLE BOLLARD UNIT, NO REBAR IN FOUNDATION)

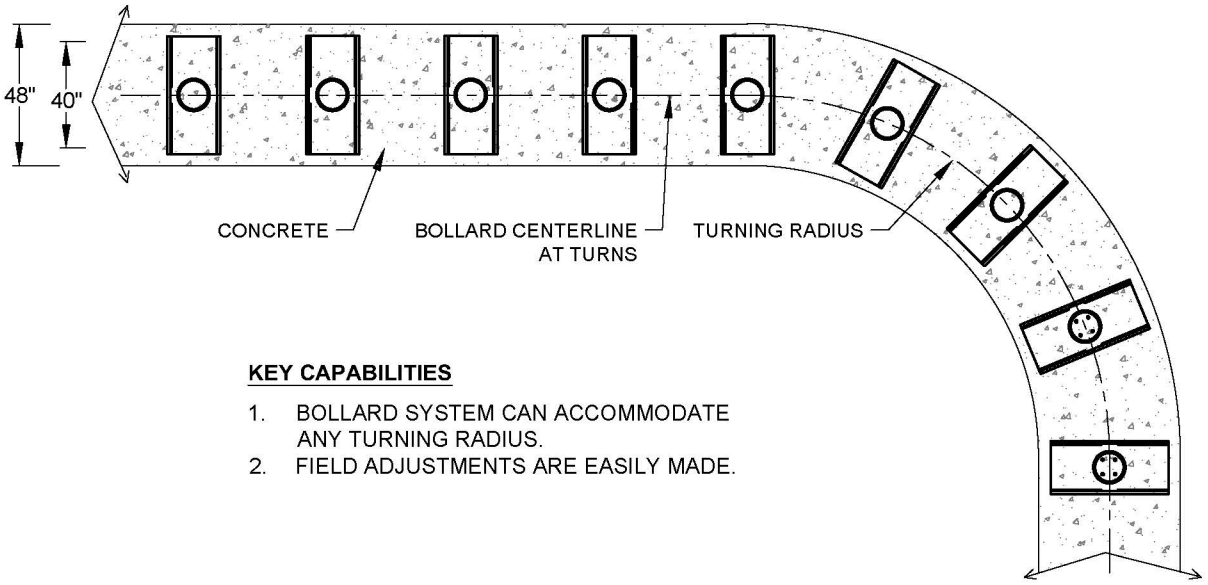
STOPS 15,000 LB. VEHICLE AT 50 MPH IMPACT (BOLLARD SPACING IS UNRESTRICTED)
ASTM F2656-07 M50(K12)

BOLLARD INSTALLATION WITH TURN

FRONT VIEW



TOP VIEW



KEY CAPABILITIES

1. BOLLARD SYSTEM CAN ACCOMMODATE ANY TURNING RADIUS.
2. FIELD ADJUSTMENTS ARE EASILY MADE.

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TYPICAL ARRAY
ASTM M50 (K12)
SET & POUR BOLLARD

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20210706-01-P

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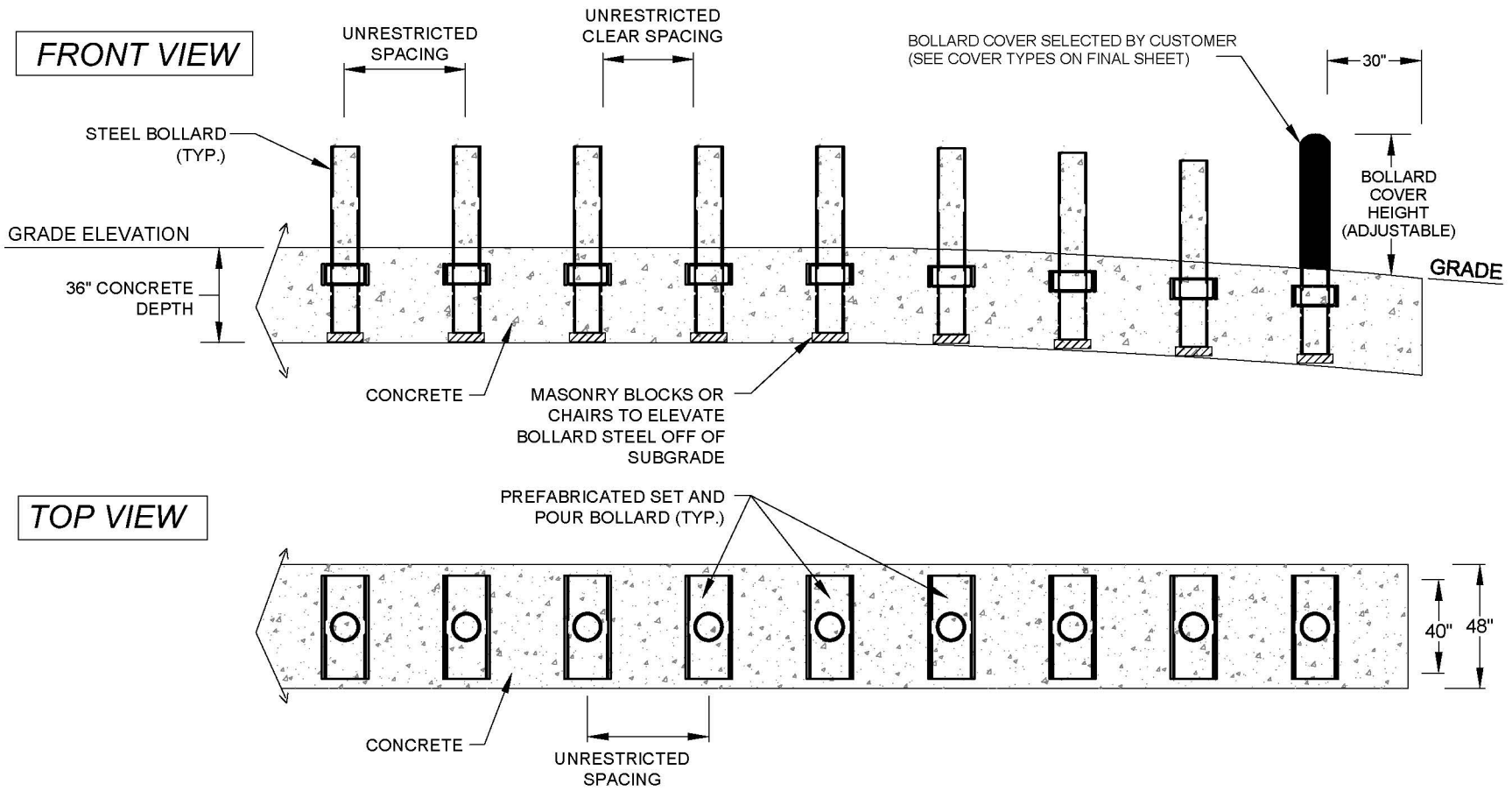
ASTM F2656-07 M50(K12)

BOLLARD INSTALLATION ACROSS GRADE CHANGES



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TYPICAL ARRAY
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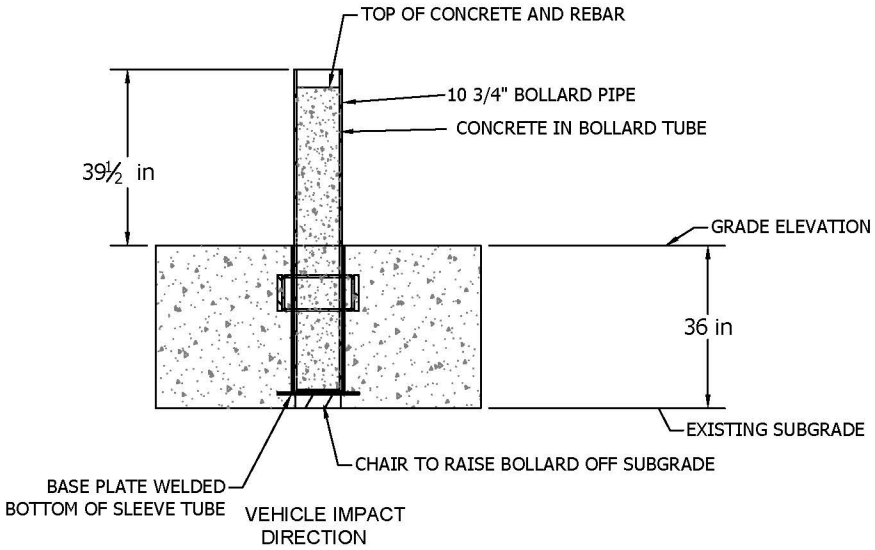
ASTM F2656-07 M50(K12)

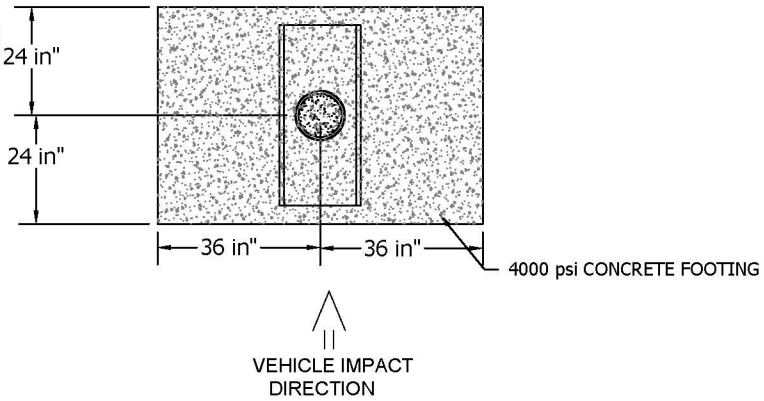
REMOVABLE BOLLARD MODEL

REMOVABLE BOLLARD

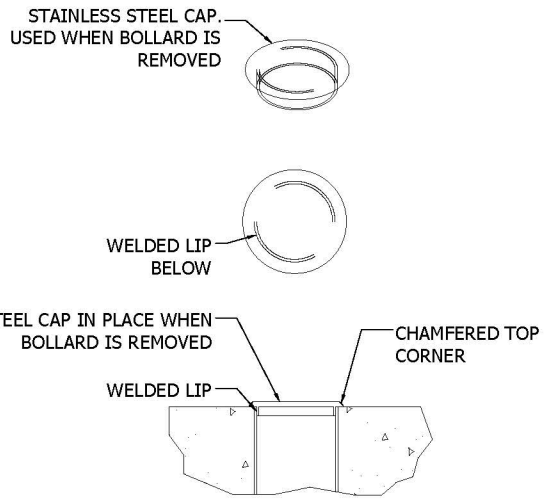
FRONT VIEW



TOP VIEW



BOLLARD CAP DETAILS



KEY CAPABILITIES

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TYPICAL ARRAY
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SET & POUR BOLLARD

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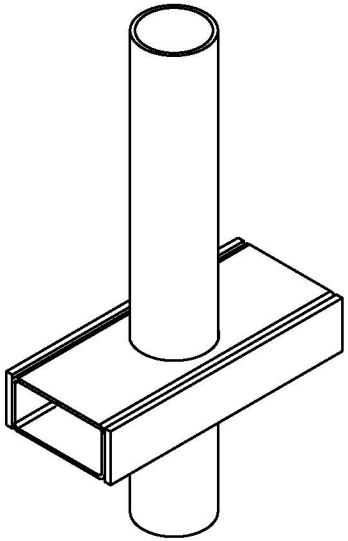
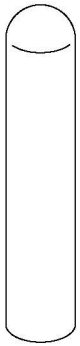
ASTM F2656-07 M50(K12)

PREFABRICATED BOLLARD MATERIALS PROVIDED BY BARRIER1 SYSTEMS



(QTY 1) EACH:
BOLLARD TUBE

(QTY 4) EACH:
PRE-CUT REBAR
(INSIDE BOLLARD)



(QTY 1) EACH:
BOLLARD COVER

MATERIALS PROVIDED BY INSTALLER

1. CONCRETE, 2.75 CUBIC YARDS PER BOLLARD
2. CHAIRS TO ELEVATE BOLLARDS ABOVE SUBGRADE

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TYPICAL ARRAY
ASTM M50 (K12)
SET & POUR BOLLARD

WEBSITE DRAWING

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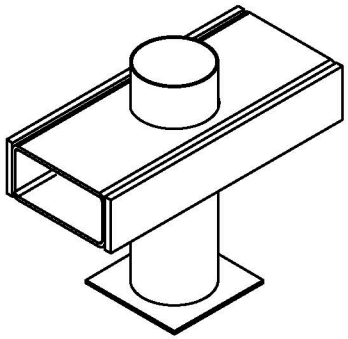
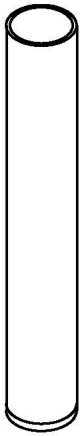
REMOVABLE BOLLARDS

PREFABRICATED BOLLARD MATERIALS PROVIDED BY BARRIER1 SYSTEMS



(QTY 1) EACH:
BOLLARD SLEEVE



(QTY 1) EACH:
BOLLARD TUBE

(QTY 4) EACH:
PRE-CUT REBAR
(INSIDE BOLLARD)

(QTY 1) EACH:
BOLLARD SLEEVE CAP

(QTY 1) EACH:
BOLLARD COVER

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SET & POUR BOLLARD

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