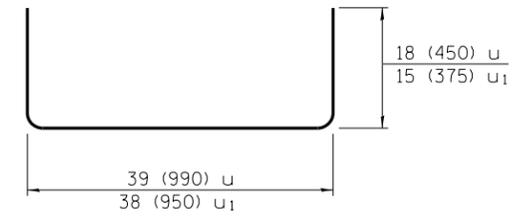


Sketch showing location and direction of box in relation to C median.

Material required for one inlet box

| Bar | Qty. | Size | Length |
|------------------|------|----------------------------|----------------|
| h | 10 | No. 4 (No. 13) | 7'-9" (2.35 m) |
| u | 10 | No. 4 (No. 13) | 6'-3" (1.90 m) |
| u ₁ | 1 | No. 4 (No. 13) | 5'-8" (1.70 m) |
| v | 6 | No. 4 (No. 13) | 30 (760) |
| v ₁ | 4 | No. 4 (No. 13) | 24 (610) |
| v ₂ | 2 | No. 4 (No. 13) | 18 (460) |
| Galv. Steel Pipe | | 3 1/2 (89) O.D. | 8'-0" (2.38 m) |
| Concrete | | cu. yds. (m ³) | 1.2 (0.9) |
| Reinf. Bars | | lbs. (kg) | 115 (52.2) |



Bars u & u₁

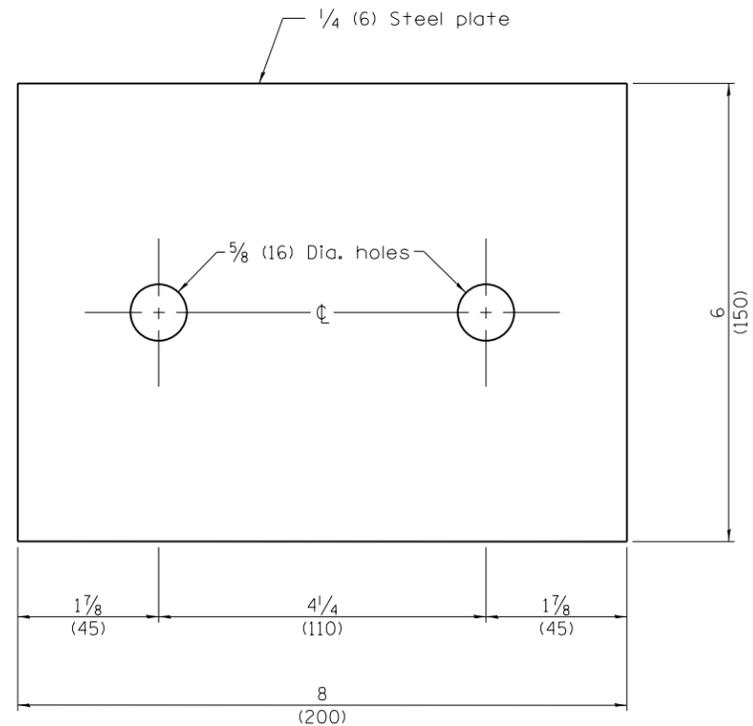
GENERAL NOTES
 All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).
 All dimensions are in inches (millimeters) unless otherwise shown.

| DATE | REVISIONS |
|--------|---|
| 1-1-09 | Switched units to English (metric). |
| 1-1-07 | Soft converted metric reinforcement bars. |

INLET BOX
TYPE 24 (600) A
 (Sheet 1 of 2)
STANDARD 542501-02

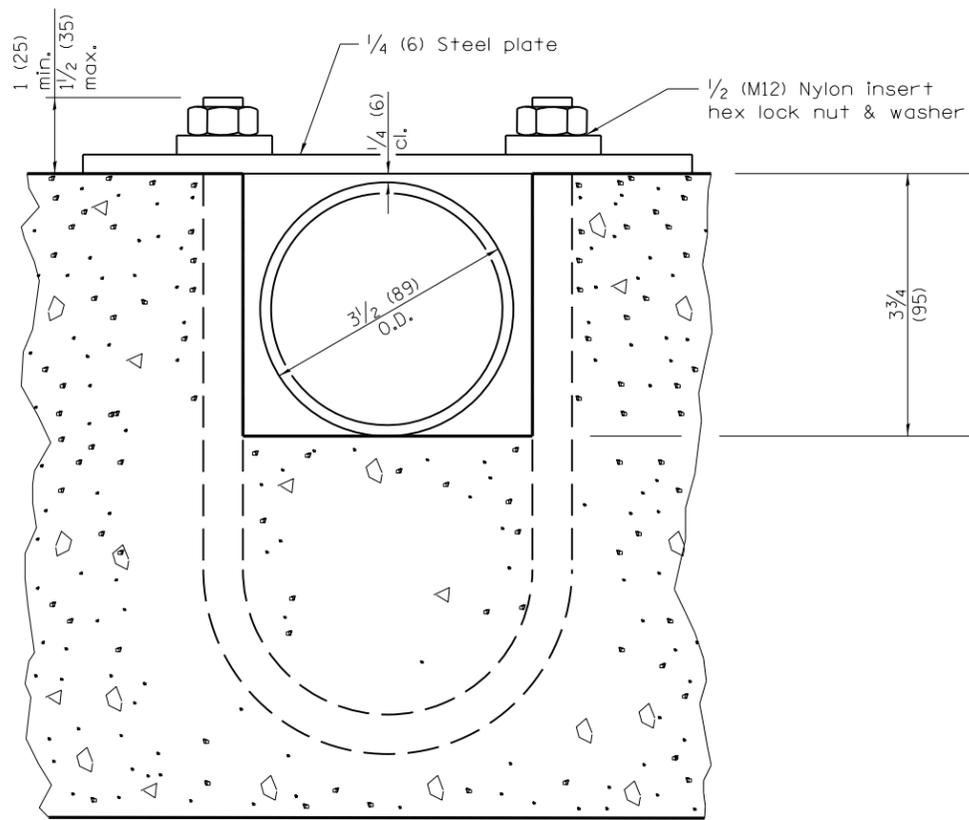
Illinois Department of Transportation
 PASSED January 1, 2009
 ENGINEER OF POLICY AND PROCEDURES
 APPROVED January 1, 2009
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-09

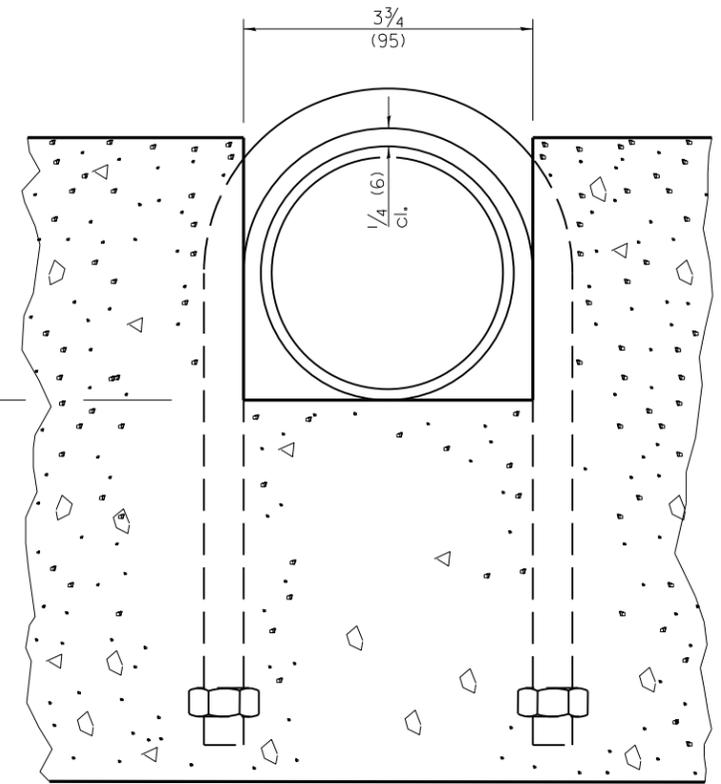


TOP ANCHOR PLATE

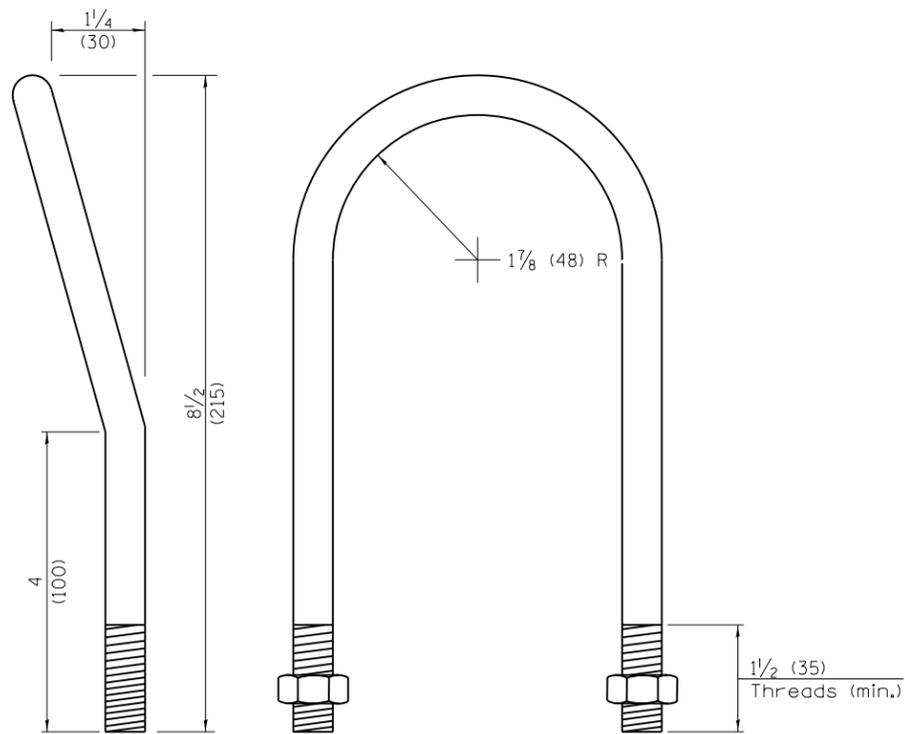
(1 - required)



SECTION B-B

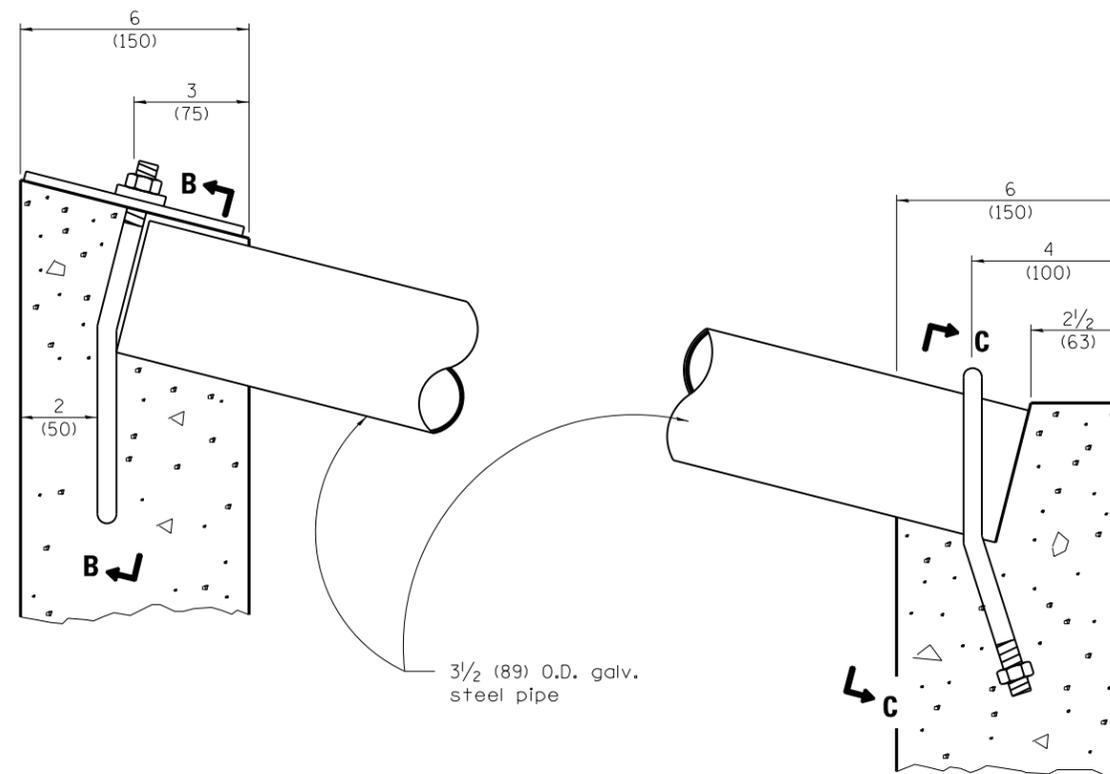


SECTION C-C



1/2 (M12) U BOLT

(2 - required)



DETAIL AT BLOCKOUTS

Illinois Department of Transportation
 PASSED January 1, 2009
 ENGINEER OF POLICY AND PROCEDURES
 APPROVED January 1, 2009
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

**INLET BOX
 TYPE 24 (600) A**

(Sheet 2 of 2)

STANDARD 542501-02