

# INLET FOR UNDERGROUND OUTLET - METAL

## STANDARD DIMENSIONS TABLE

Ⓐ (Inches)	Ⓑ (Inches)	Ⓒ Min. (Inches)	Ⓓ (Rows)	Ⓔ (Deg)	Min. Wall Thickness	
					Steel	
					Corr. Gage	Smooth (Inches)
1.50-3.50	6	4	4	90	16	.10
3.75-5.50	8	6	6	60	16	.10
5.75-6.00	10	8	8	45	16	.13

## DESIGN DIMENSIONS

Inlet Number	Orifice Dia Ⓐ	Inlet Dia Ⓑ	d <sub>1</sub> (Ft)	d <sub>2</sub> (Ft)

**NOTES:**

1. Slotted inlets shall be fabricated from corrugated metal or smooth steel.
2. Slots shall be cut clearly and deburred. Ends of slots may be round or square.
3. Orifice plate, cap and all fittings shall be snug and securely fastened. Orifice plate shall be cleanly cut and free of burrs with care taken not to round the edges.
4. Gravel filter, if used, shall be pit run sand and natural gravel with maximum particle diameter of 2".
5. Fabricated or standard elbow; fabricated or standard tee with main tile line or plug in upstream end; or standard tee with with one end embedded in concrete.
6. An optional break-away coupling may be placed 6-8 inches below ground.
7. Thirty 1" diameter holes per foot of riser may be substituted for the 1"x 4" for 6" diameter riser.

REFERENCE	
Project _____	
Designed _____	Date _____
Checked _____	Date _____
Approved _____	Date _____



STANDARD DWG. NO. IL-543
SHEET 2 OF 2
DATE 6-29-93