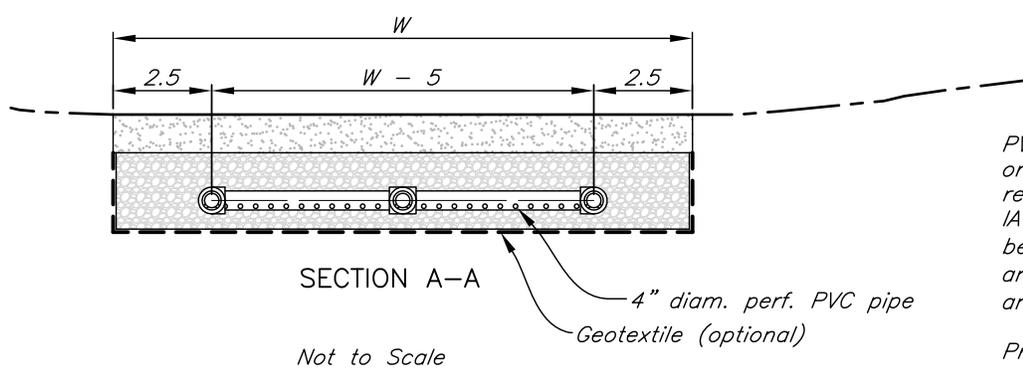
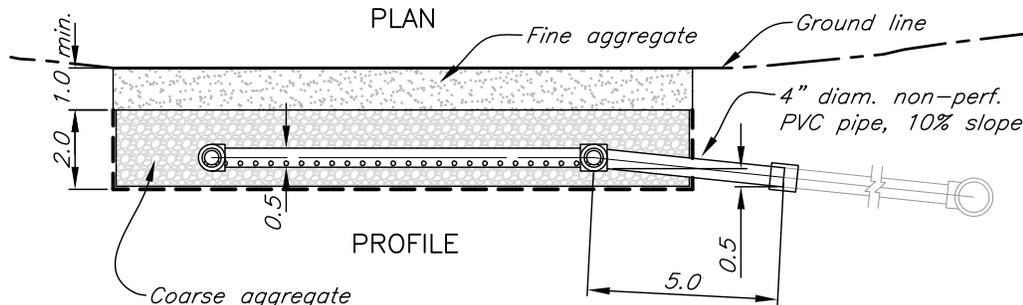
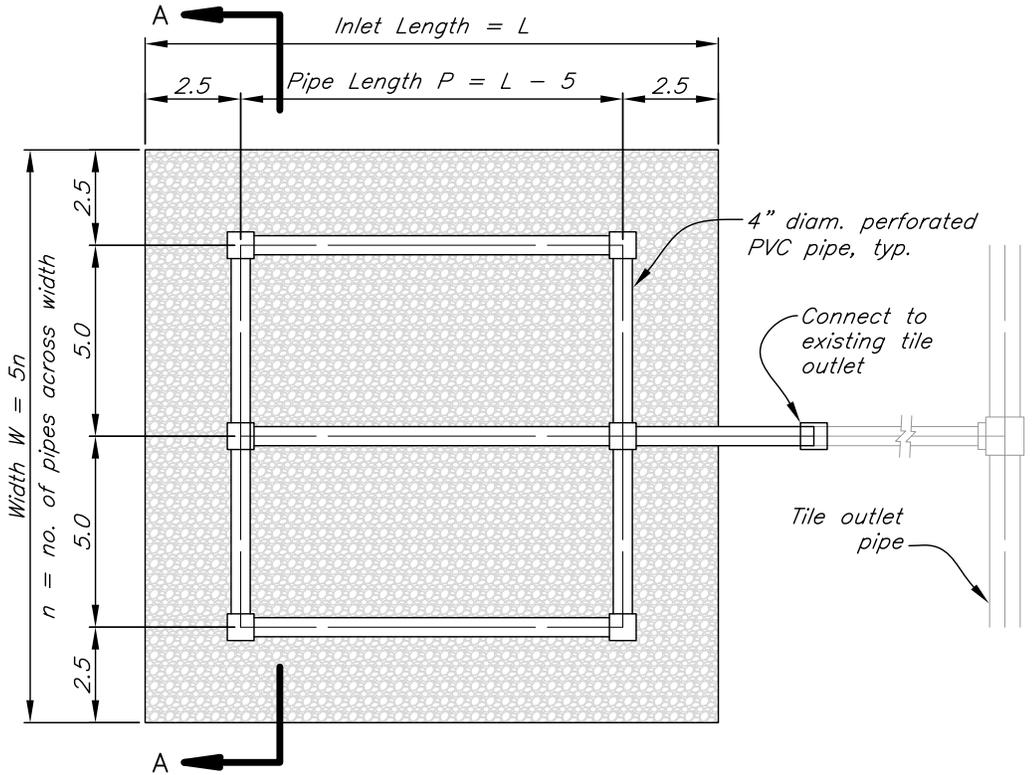


AGGREGATE GRADATION REQUIREMENTS

Coarse Aggregate	
U.S. Sieve Designation	% Passing Sieve
1-1/2"	100
3/4"	75-100
1/2"	25-80
3/8"	20-60
No. 4	0-10
No. 8	0-5
No. 100	0-3

Fine Aggregate	
U.S. Sieve Designation	% Passing Sieve
3/8"	100
No. 4	95-100
No. 8	75-95
No. 16	50-70
No. 30	25-50
No. 50	10-20
No. 100	0-6
No. 200	0-3



INLET SIZING

$P =$ _____ ft.
 $n =$ _____ pipes
 $L =$ _____ ft.
 $W =$ _____ ft.
 Maximum $P = 20$ ft.
 Maximum $n = 5$ pipes
 Design Flow Rate
 $Q =$ _____ cfs

NOTES:

PVC pipe shall be Schedule 40 or thicker and shall meet the requirements of Specification IA-45. Perforation size shall be 3/8", positioned at 4:30 and 7:30 o'clock (90° apart), and spaced every 3".

Provide geotextile if site soils are known to be highly erosive or dispersive, or if needed for separation due to conditions during installation.

The ability of the blind inlet to remove water at the design flow rate is dependent on an appropriately sized outlet system and maintenance of a clean sand surface.

QUANTITIES

Excavation	_____	Cu. Yd.
Geotextile	_____	Sq. Yd.
Coarse Aggregate	_____	Cu. Yd.
Fine Aggregate	_____	Cu. Yd.
4" diam. perf. PVC pipe	_____	Lin. Ft.
4" diam. non-perf. PVC pipe	5	Lin. Ft.

STANDARD DWG. IA-1550

DATE June 2013 | PAGE 1 OF 1



BLIND INLET Multi-Pipe Layout

Owner: _____
 Location: Sec _____, T _____ N, R _____ W
 _____ County, Iowa

Designed _____	Date _____	File Name _____
Drawn _____		Drawing Name _____
Checked _____		
Approved _____		Sheet _____ of _____