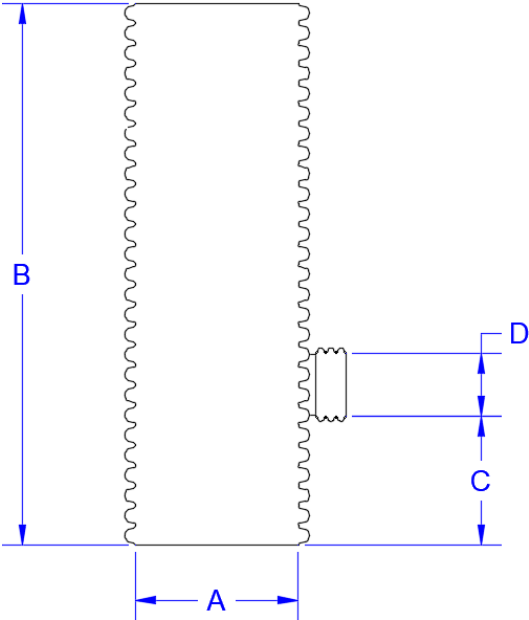


PRINSCO HDPE/PP CATCH BASIN FORM			
Project Name		Customer Name/Acct No.	
Project Location		Sales Representative	

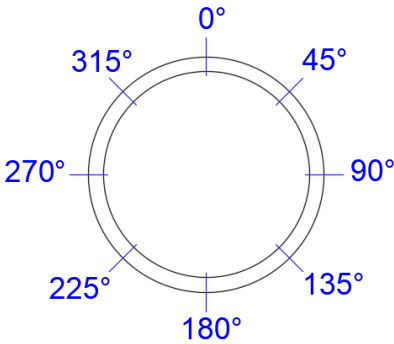
Installation Considerations

Proper backfill and installation of corrugated high-density polyethylene (HDPE) and polypropylene (PP) pipe in vertical applications is critical for long term performance. If backfill is not properly placed and compacted around pipe, soil consolidation may cause the basin to compress and shrink in height, damaging or distressing the riser and stubs. In live loading applications, a concrete collar must be installed to distribute live loading into the surrounding soil and away from the pipe. Reference drawings D-1-105 and D-1-106 for installation details.



Catch Basin Data	
[A] Diameter (in)	[B] Total Height* (ft)
OD Wrapped* (YES/NO)	HDPE Welded Plate (YES/NO)

*Total height rounded to the next full corrugation. Catch basin structures ranging from 8'-12' tall, and 36" diameter and above, are recommended to be wrapped in sheeting. HDPE structures above 12' are not recommended.



Stub Data				
Stub #	[C] Invert** (in)	[D] Diameter (in)	Stub Type (Spigot, IB, OS, or Plain End)***	Stub Location from Diagram (deg)***
1				
2				
3				
4				
5				
6				

** Minimum of 6" rounded to nearest corrugation crown for secured weld. Exact elevations may vary due to manufacturing capabilities.
 *** See Stub Types and Minimum Angle Chart for minimum degrees on Page 2

WARNING! – Risk of Injury or Death Installation of this product must be securely enclosed with a locking lid. Open or unsecured product creates a risk of serious injury or death to adults, children, or animals that may enter or fall into this product.

Custom Products – Custom fabricated parts are non-returnable.

The undersign hereby approves the custom design requirements and risk listed above:

Project Representative Signature: _____ Date: _____

Prinsco Catch Basin Minimum Angle Between Stubs								
Stub Sizes	12	15	18	24	30	36	42	48
4"-4"	80	65	55	40	35	30	25	25
6"-4"	90	70	60	45	35	30	25	25
6"-6"	100	80	65	50	40	35	30	25
8"-4"	105	80	65	50	40	35	30	25
8"-6"	115	90	75	55	45	40	35	30
8"-8"	125	100	80	60	50	40	35	30
10"-4"	115	90	75	55	45	40	35	30
10"-6"	130	100	80	60	50	40	35	30
10"-8"	140	105	90	65	55	45	40	35
10"-10"	155	115	95	70	55	50	40	35
12"-4"	150	100	85	60	40	40	35	30
12"-6"	160	110	90	65	55	45	40	35
12"-8"	175	120	95	70	55	50	40	35
12"-10"	180	130	105	75	60	50	45	40
12"-12"		140	110	80	65	55	45	40
15"-4"		140	95	70	55	45	40	35
15"-6"		145	105	75	60	50	45	35
15"-8"		155	110	80	65	55	45	40
15"-10"		165	120	85	65	55	50	40
15"-12"		175	125	90	70	60	50	45
15"-15"			140	100	80	65	55	50
18"-4"			130	80	60	50	45	40
18"-6"			140	85	65	55	45	40
18"-8"			145	90	70	60	50	45
18"-10"			150	95	75	60	55	45
18"-12"			160	100	80	65	55	50
18"-15"			175	110	85	70	60	50
18"-18"				120	90	75	65	55
24"-4"				120	80	65	55	45
24"-6"				120	80	65	55	50
24"-8"				125	85	70	60	50
24"-10"				135	90	75	60	55
24"-12"				140	95	75	65	55
24"-15"				150	100	80	70	60
24"-18"				160	110	85	75	65
24"-24"					125	100	85	70
30"-4"					115	80	65	55
30"-6"					120	80	65	60
30"-8"					125	85	70	60
30"-10"					125	90	75	65
30"-12"					130	90	75	65
30"-15"					140	95	80	70
30"-18"					145	100	85	75
30"-24"					160	115	95	80
30"-30"						130	105	90

Stub Types
Spigot - Factory extruded pipe spigot
IB - Factory extruded pipe integral bell
OS - Oversized bell to fit over full pipe corrugation
Plain End – Full pipe corrugation section without bell or spigot

