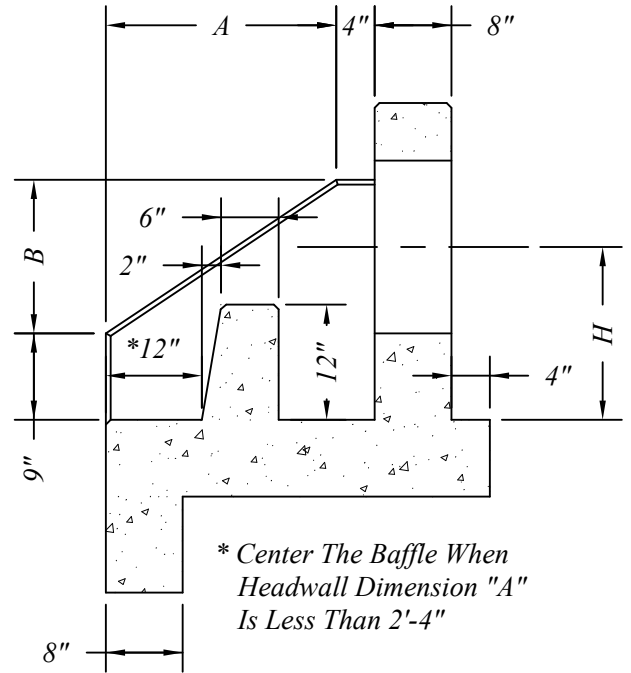
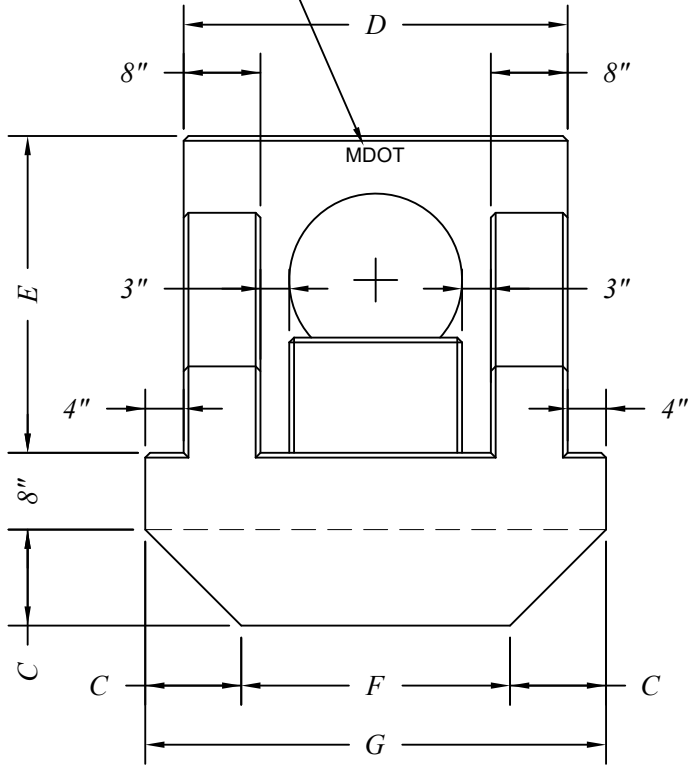


Outfall Label Inscribed Into Concrete
(1½" High x 1" Wide By ¼" Deep)



Outlet Headwall Dimensions								
Dia	A	B	C	D	E	F	G	H
12"	2'-0"	1'-4"	10"	3'-4"	2'-9"	2'-4"	4'-0"	1'-6"
15"	2'-4"	1'-7"	11"	3'-7"	3'-0"	2'-5"	4'-3"	1'-7"
18"	2'-9"	1'-10"	1'-0"	3'-10"	3'-3"	2'-6"	4'-6"	1'-9"
24"	3'-6"	2'-4"	1'-1"	4'-4"	3'-9"	2'-10"	5'-0"	2'-0"
30"	4'-3"	2'-10"	1'-4"	4'-10"	4'-3"	2'-10"	5'-6"	2'-3"
36"	5'-0"	3'-4"	1'-4"	5'-4"	4'-9"	3'-4"	6'-0"	2'-6"
48"	5'-9"	4'-10"	1'-4"	6'-8"	5'-3"	7'-0"	7'-0"	3'-0"

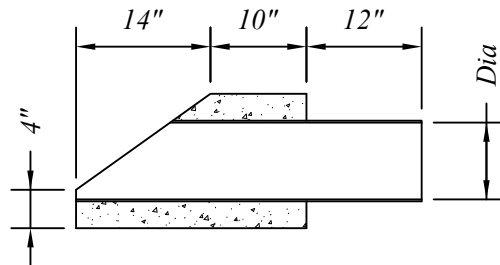
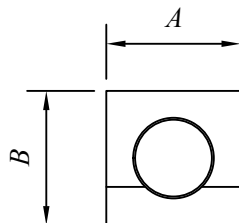
Reinforcement Shall Be Grade 60 #4 Rebar or Equivalent WWF per MDOT Standard Detail R-85-D.

Contractor To Complete Connection Between Pipe and Outlet Headwall w/Mortar Meeting MDOT 2012 Standard Specification for Construction, Section 702.

Exposed Edges To Be Chamfered ½".

Outfall Label To Be Used Only Where Stormwater Will Discharge Directly To The Waters Of The State.

Underdrain Outlet Dimensions		
Dia	A	B
4"	12"	9"
6"	12"	11"
8"	14"	14"



NORTHERN CONCRETE PIPE



401 Kelton St Bay City, MI 48706

5281 Lansing Rd
Charlotte, MI 48813

2701 Chicago Dr SW
Wyoming, MI 49519

4950 White Lake Rd
Clarkston, MI 48346

3756 Centennial Rd
Sylvania, OH 43560

Precast Underdrain Outlets & Outlet Headwalls

Date 11 May 16

Revised

Rev. No.

Drawn By BmG

Scale NTS

01.13