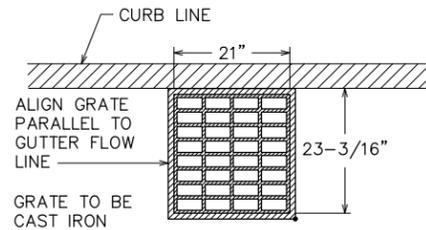
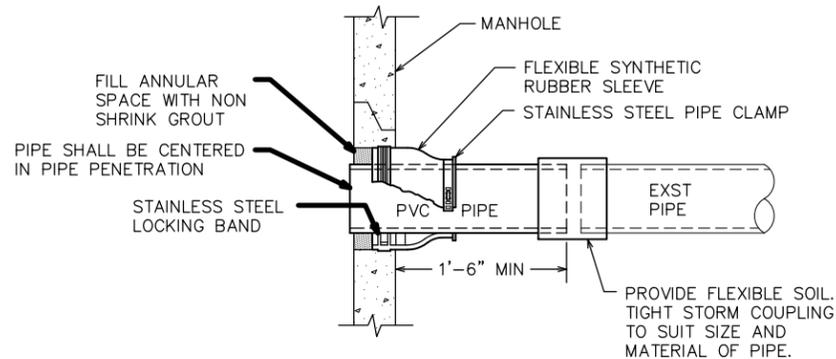


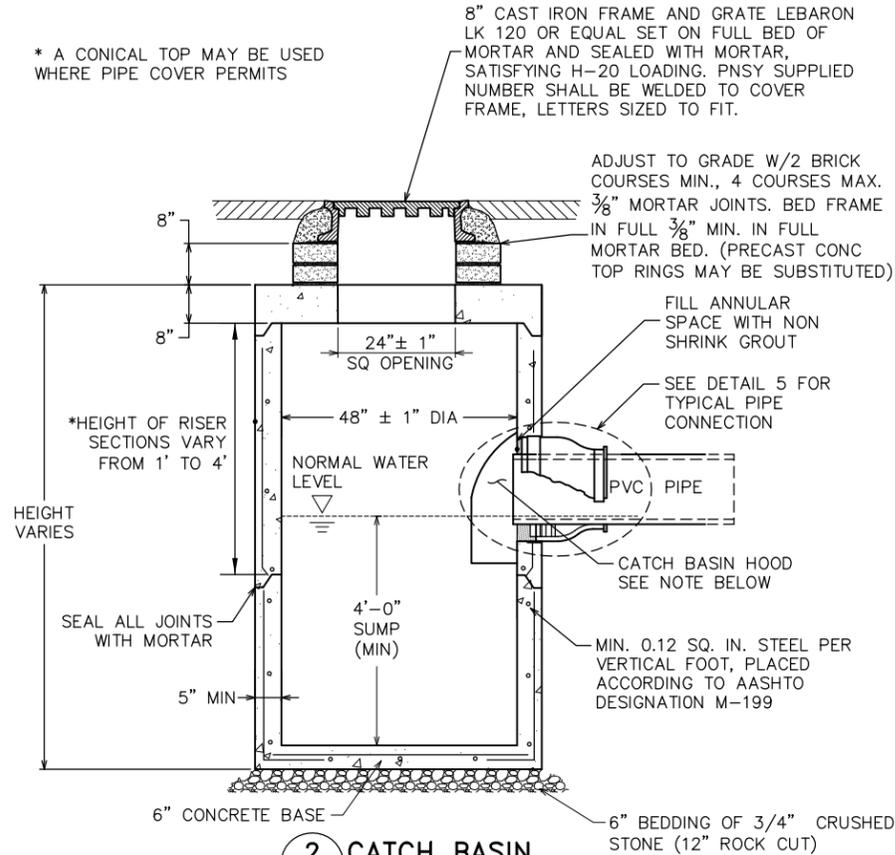
**1 DRAINAGE MANHOLE**  
1 NOT TO SCALE



**4 TYPE 'B' GRATE**  
1 NOT TO SCALE

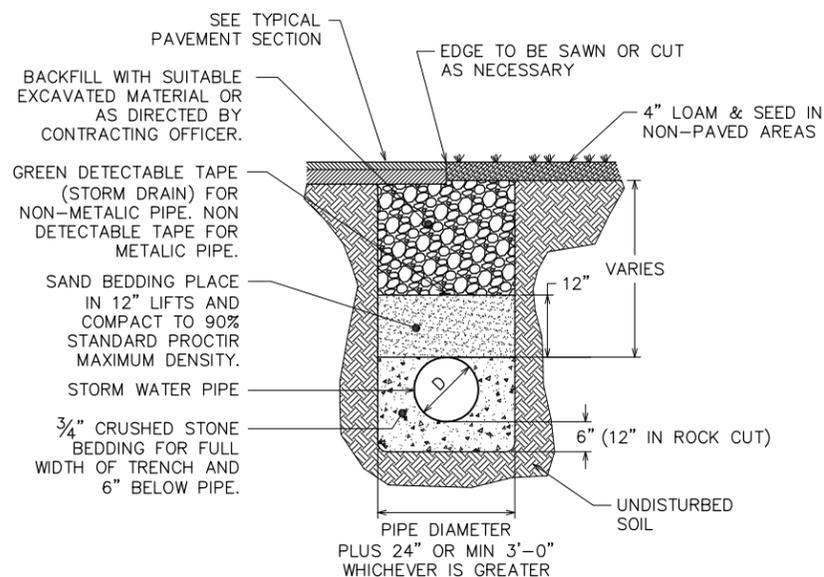


**5 TYPICAL PIPE CONNECTION DETAIL**  
1 NOT TO SCALE

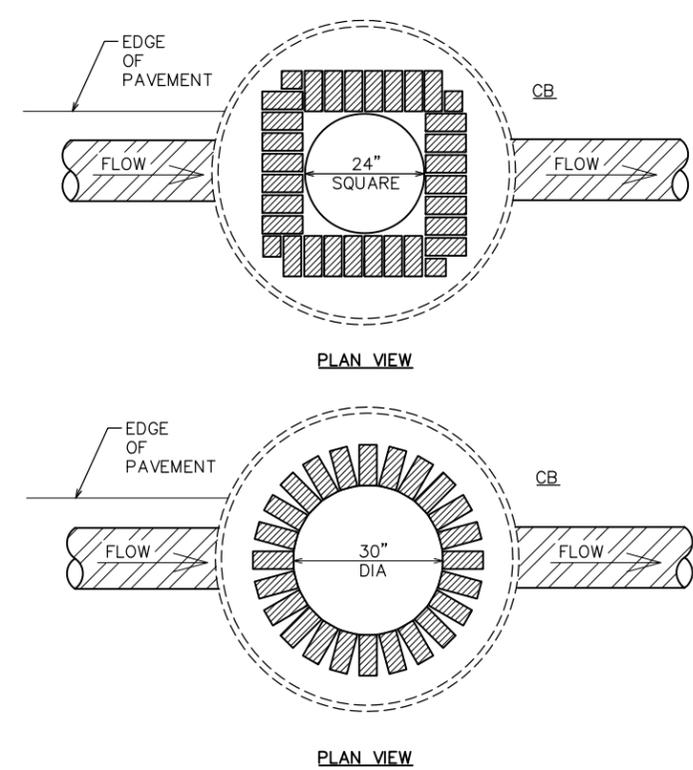


**2 CATCH BASIN**  
1 NOT TO SCALE

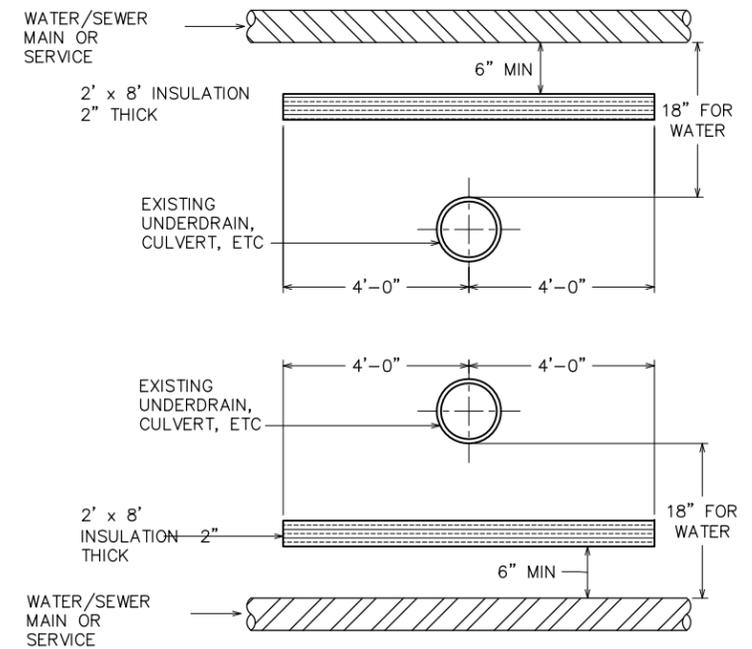
THE CATCH BASIN HOOD SHALL BE CONSTRUCTED FROM SOLID WALL HDPE PIPE GRADE PLATE. THE HOOD SHALL BE CONSTRUCTED SO THAT IT FORMS A Baffle AGAINST FLOATABLE LITTER AND OIL. THE HOOD SHALL PROTRUDE AT LEAST SIX INCHES OR 1/3 OF THE PIPE'S INSIDE DIAMETER, WHICHEVER IS GREATER, BELOW INVERT. THE CATCH BASIN HOOD SHALL BE SEALED TO CATCH BASIN STRUCTURE WITH AN OIL RESISTANT FROM GASKET. VENT HOLES SHALL BE INSTALLED ON THE TOP OF THE HOOD TO ALLOW AIR FLOW INTO PIPE. THE CATCH BASIN HOOD SHALL BE ATTACHED TO THE STRUCTURE WITH STAINLESS STEEL ANCHOR STUDS AND NUTS, ALLOWING THE HOOD TO BE REMOVED AND INSTALLED WITH MINIMUM EFFORT. THE CATCH BASIN HOOD IS TO BE AS MANUFACTURED BY PLASTIC PIPE FABRICATION OR ENGINEER APPROVED EQUAL.



**6 PIPE TRENCH DETAIL**  
1 NOT TO SCALE



**3 FRAME AND GRATE CONFIGURATIONS**  
1 NOT TO SCALE



**7 UTILITY CROSSING INSULATION DETAIL**  
1 NOT TO SCALE

**NOTE:**  
DETAILS ARE PROVIDED FOR REFERENCE ONLY AND SHALL BE MODIFIED AS REQUIRED TO REFLECT CONDITIONS REQUIRED FOR SPECIFIC PROJECTS. DETAILS SHALL BE DRAWN TO SCALE AND FULLY DIMENSIONED WHEN INSERTED.

DATE	APP'R
DESCRIPTION	SYN
<b>TYPICAL STORM WATER DETAILS</b>	
<b>DETAILS - 1</b>	
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND - MID-ATLANTIC PUBLIC WORKS DEPARTMENT - MAINE PORTSMOUTH NAVAL SHIPYARD KITTERY, ME	
MAXIMO No.:	
PROJECT NO.:	
CONSTR. CONTR. NO.:	N40085-
NAVFAC DRAWING NO.:	
SHEET	OF
<b>C-501</b>	
<small>DRAWFORM REVISION: 10 MARCH 2009</small>	

FILE NAME: S:\PT\Vertical\Maine\Portsmouth\01\_PRN2\_FED0102\_PRN21\_PMAE\Web Site Files\Engineering\Design and Construction\Civil\Storm Water\Drainage Details Rev A.dwg LAYOUT NAME: C-501 PLOTTED: Monday, August 27, 2012 - 8:22am USER: daniel.johns



