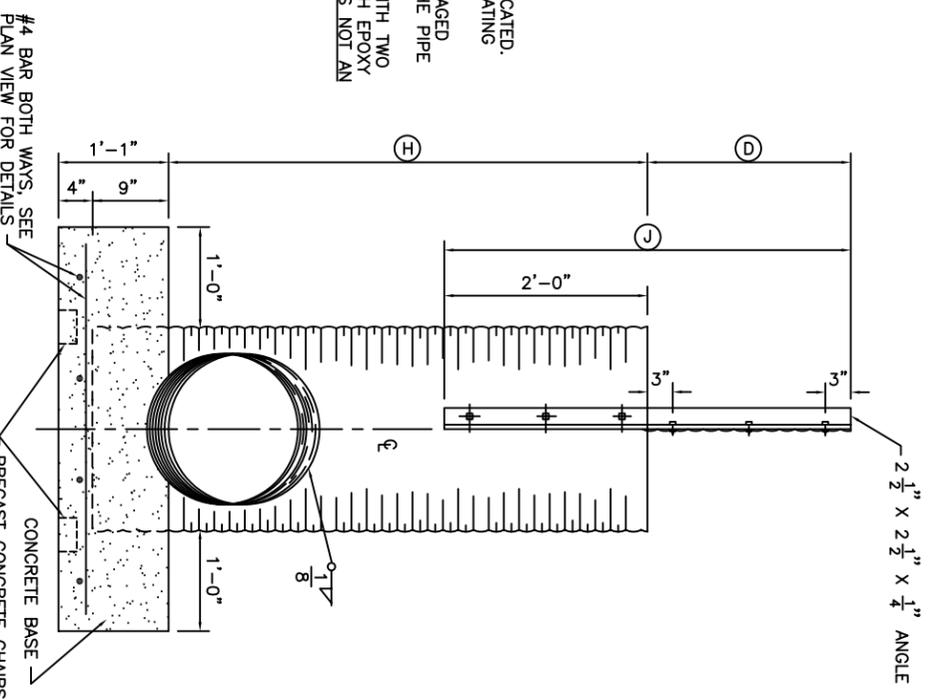
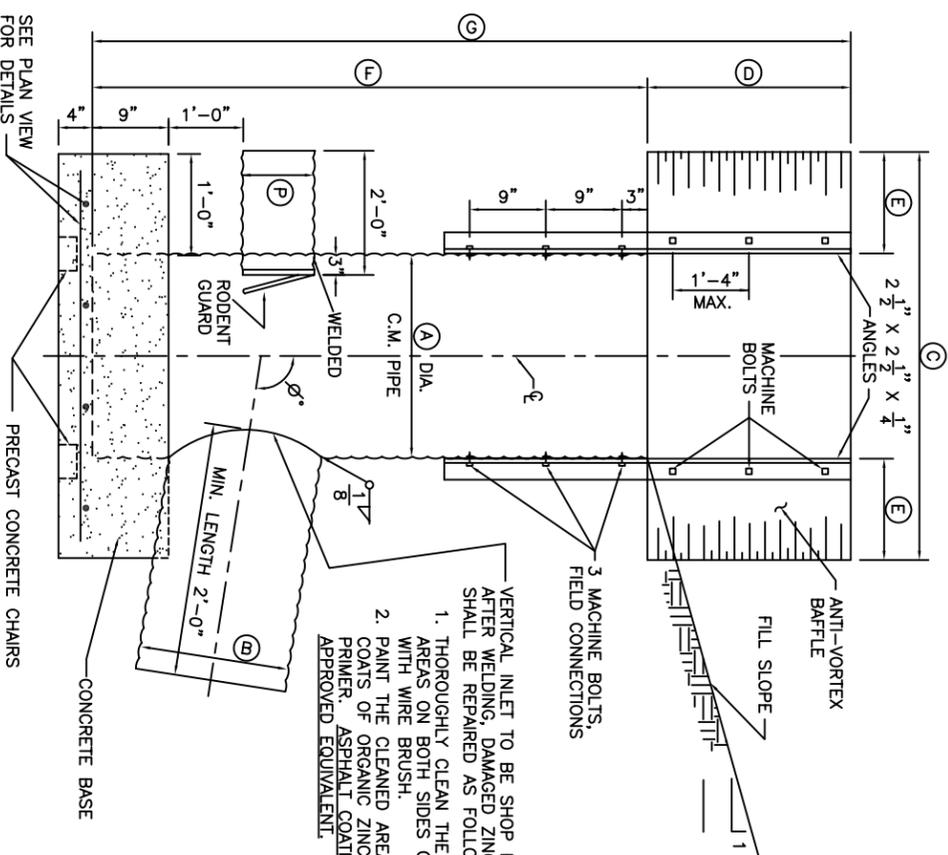


TABLE SHOWING DIMENSIONS AND MATERIAL

STRUCTURE NUMBER GULLY OR LATERAL STATION	DIMENSIONS	
	(A)	
	(B)	
	(C)	
	(D)	
	(E)	
	(F)	
	(G)	
	(H)	
	(J)	
	(L) (EQUALS (A) PLUS 2 FT.)	
	(M)	
	(N)	
	(P)	
	C.M. PIPE THICKNESS FOR (A) DIA.	
	C.M. PIPE THICKNESS FOR (B) DIA.	
	C.M. SHEET THICKNESS FOR BAFFLE	
	MATERIAL ITEMS	QUANTITY REQUIRED
	2 1/2" x 2 1/2" x 1/4" ANGLES X (J) GALV.	
	(D) X (C) CORRUGATED METAL SHEETS, GALV.	
	1/2" X 1 1/4" STEEL CADMIUM PLATED MACHINE BOLTS	
	1/2" STEEL SPLIT LOCK WASHERS	
	1/2" STEEL CADMIUM PLATED NUTS	
	#4 REINFORCING STEEL BARS, LIN. FT.	
	#4 REINFORCING STEEL BARS, LB.	
	VOLUME OF CONCRETE, CU.YD.	
	Ø° DEGREES-ANGLE	
	∞° DEGREES-ANGLE	
	B° DEGREES-ANGLE	
	SLOPE OF (B) DIA. PIPE IN FT./FT.	



SECTION ELEVATION ON CENTERLINE

DOWNSTREAM ELEVATION

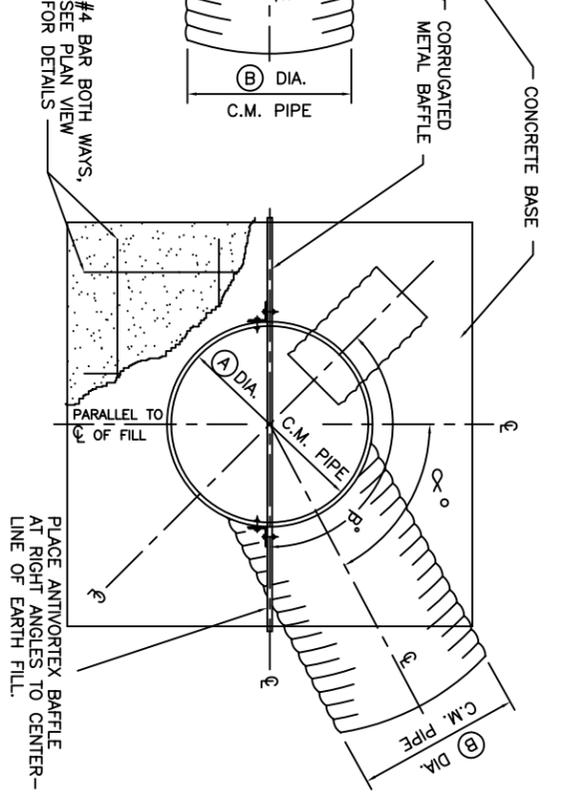
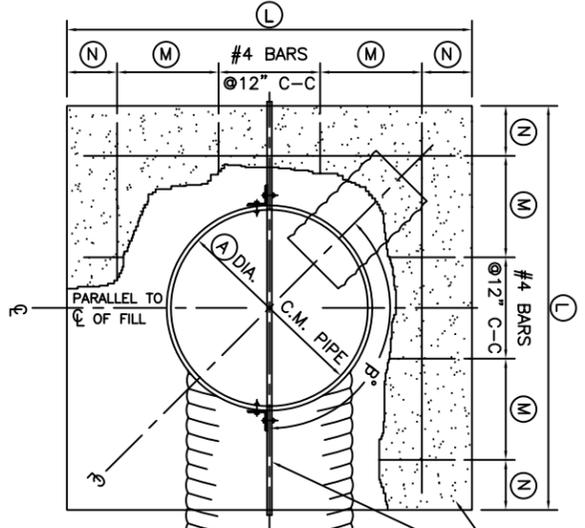
REQUIREMENT TABLE

	X IN BOX INDICATES DETAIL NEEDED
ANTIVORTEX BAFFLE SHOWN IS REQUIRED	<input type="checkbox"/>
ANTIVORTEX BAFFLE SHOWN IS NOT REQUIRED	<input type="checkbox"/>
TRASH RACK WITH BAFFLE IS REQUIRED	<input type="checkbox"/>
SEE SHEET FOR DETAILS	<input type="checkbox"/>
SAFETY GUARD IS REQUIRED	<input type="checkbox"/>
SEE SHEET FOR DETAILS	<input type="checkbox"/>

CORRUGATED METAL PIPE SHALL BE EITHER HELICAL CORRUGATIONS WITH LOCK SEAM CONSTRUCTION OR ANNUAL CORRUGATIONS WITH CLOSE RIVETED, CAULKED SEAM CONSTRUCTION.

NOTES

- ALL HOLES FOR BOLTS SHALL BE 9/16" DIA.
- PRECAST CONCRETE CHAIRS SHALL BE USED TO SUPPORT THE REINFORCING STEEL BARS. PRECAST CONCRETE CHAIRS SHALL BE MANUFACTURED OF 3000 PSI CONCRETE AND SHALL HAVE THE WIRES SECURELY ANCHORED IN THE CHAIR OR A V-SHAPED GROOVE AT LEAST 3/4 INCH IN DEPTH MOULDED INTO THE UPPER SURFACE TO RECEIVE THE STEEL BAR AT THE POINT OF SUPPORT. PRECAST CONCRETE CHAIRS SHALL BE MOST AT THE TIME CONCRETE IS PLACED.
- WHEN (L) IS FULL FOOT:
WHEN (M) = 12", (N) = 6"
WHEN (L) IS FULL FOOT PLUS 6 INCHES
WHEN (M) = 11", (N) = 6"
- LENGTH OF REINFORCING STEEL BARS IS L MINUS 6 INCHES.



PLAN VIEW

ALTERNATE PLAN VIEW
(USE WHEN PIPE IS SKEWED)

Date	6/96
Designed	MAK
Drawn	GRH
Revised	4/04
Approved	

CORRUGATED METAL PIPE VERTICAL INLET
GRADE STABILIZATION STRUCTURE

NAME WATERSHED

NAME COUNTY, MINNESOTA



Natural Resources Conservation Service

REVISIONS	TITLE
DATE APPROVED	

File No. MN-ENG-305
Drawing No. MN305 DWG
Revised 4/04
Sheet of