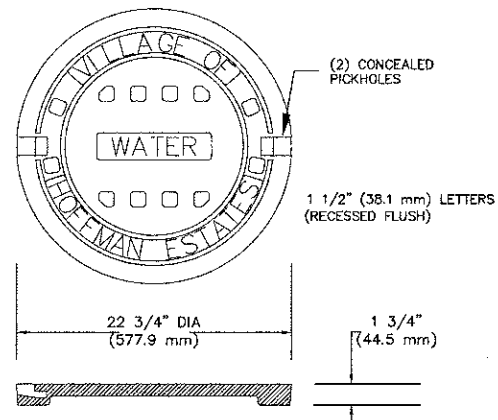


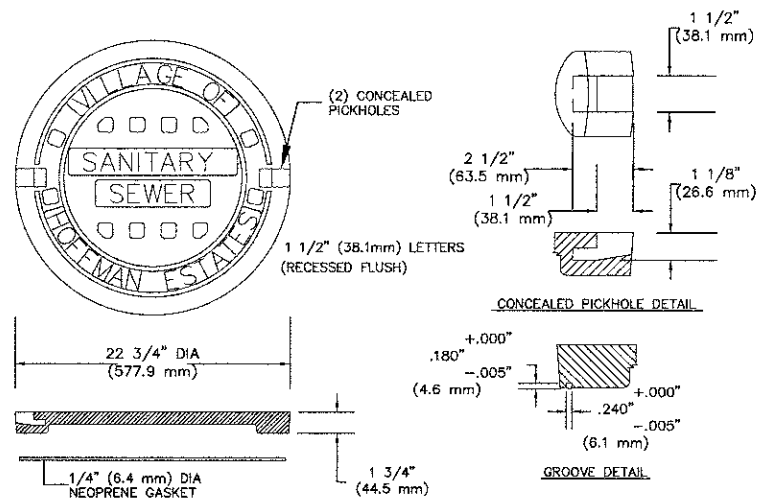
HEAVY DUTY  
MATERIAL ASTM A48 CL35  
MACHINED BEARING SURFACE  
COVER WEIGHT: 125 LBS (56.7 KG)

**STORM COVER DETAIL**



HEAVY DUTY  
MATERIAL ASTM A48 CL35  
MACHINED BEARING SURFACE  
COVER WEIGHT: 125 LBS (56.7 KG)

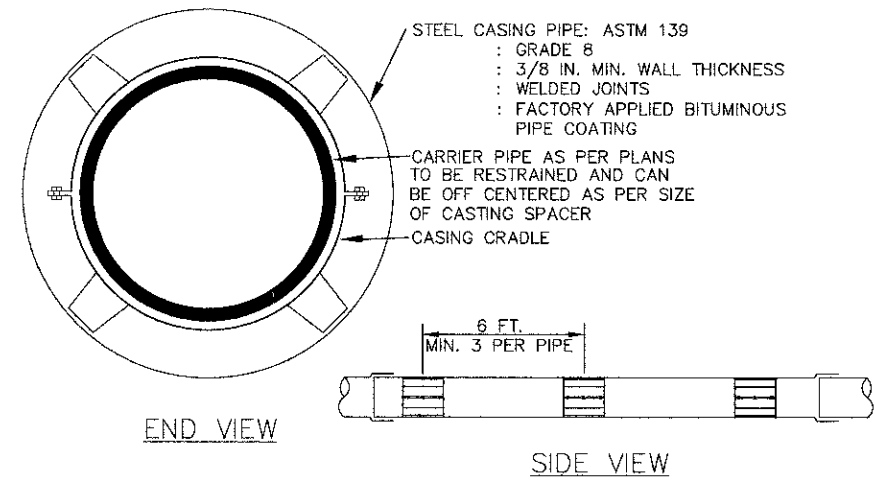
**WATER COVER DETAIL**



HEAVY DUTY  
MATERIAL ASTM A48 CL35  
MACHINED BEARING SURFACE  
COVER WEIGHT: 125 LBS (56.7 KG)

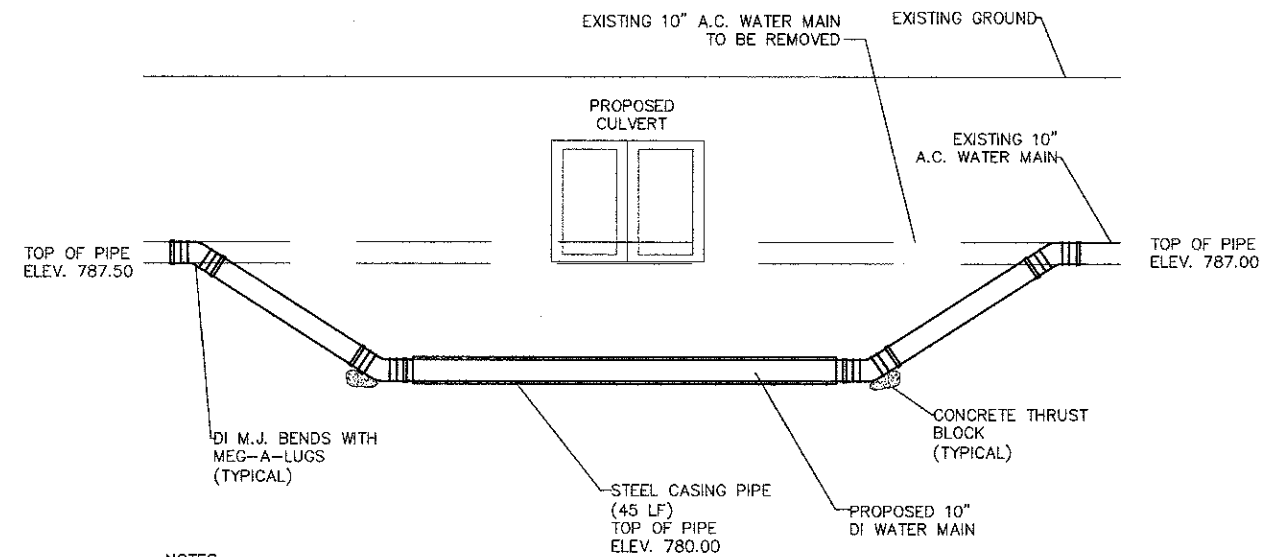
MANHOLE COVER WITH GROOVED  
GASKET SEAL & CONCEALED PICK  
HOLES TO REDUCE SURFACE  
WATER INFLOW.

**SANITARY COVER DETAIL**



**AUGER PIPE DETAIL**

- NOTES:
1. PROVIDE CONCRETE BULKHEAD AT EACH END OF CASING PIPE.
  2. CRADLE SHALL BE POWERSEAL CASING CHOCK, MODEL 4810 BY POWERSEAL PIPELINE PRODUCTS CORP. OR CASCADE CASING SPACER OR APPROVED EQUAL.



- NOTES:
1. ALL BELOW GRADE FASTENERS SHALL BE STAINLESS STEEL BOLTS: GRADE 304, NUTS AND WASHERS: GRADE 300
  2. WATER MAIN SHALL BE PLACE IN VIRGIN GROUND BENEATH PROPOSED UNDERCUT FOR CULVERT.
  3. PROVIDE 5 LF OF DI WATER MAIN CONNECTED TO EXISTING AC WATER MAIN PRIOR TO THE 45 DEGREE M.J. BENDS ON EACH SIDE.

**ADJUSTING WATER MAIN 10"**

FILE NAME = DETAILSH.DWG	DESIGNED —	REVISED —
	DRAWN —	REVISED —
	CHECKED —	REVISED —
	DATE —	REVISED —

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

Hassell Road STP Project  
Details

SCALE: NONE SHEET NO. 2 OF 4 SHEETS STA. TO STA.

F.A.U. RTE. 1100	SECTION 11-00087-00-FP	COUNTY Cook	TOTAL SHEETS 164	SHEET NO. 126
CONTRACT NO. 63770				
ILLINOIS FED. AID PROJECT GMM 8003(757)				