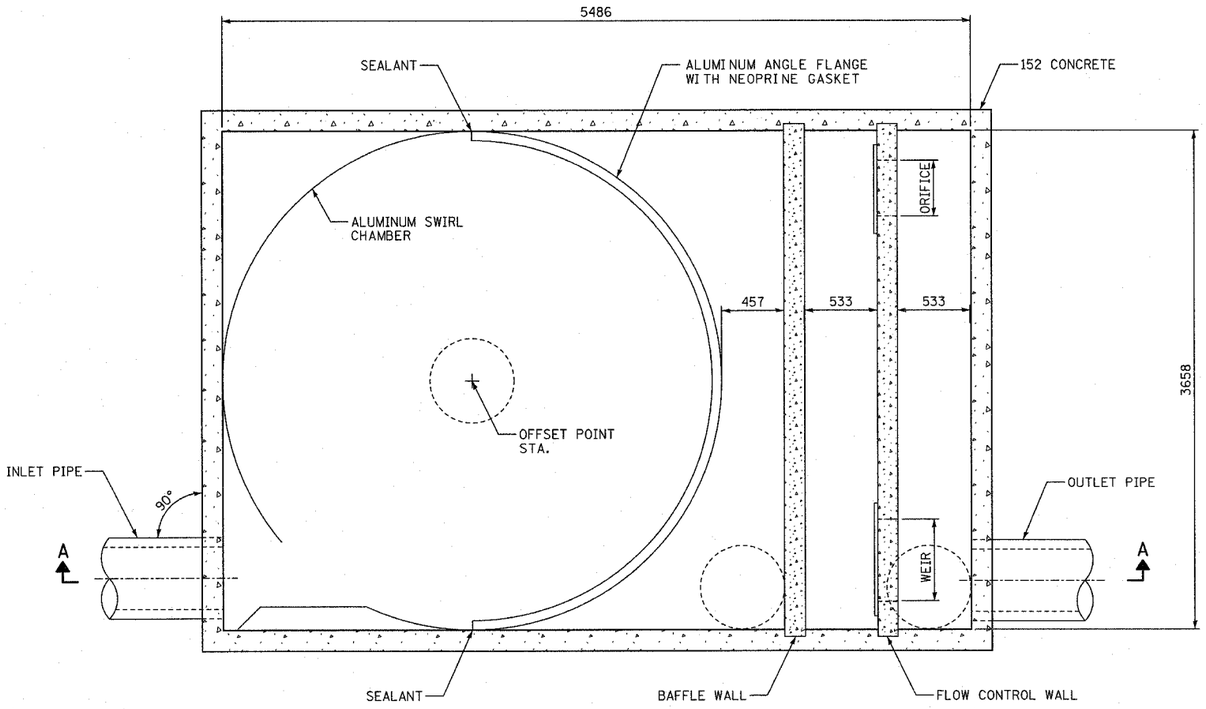
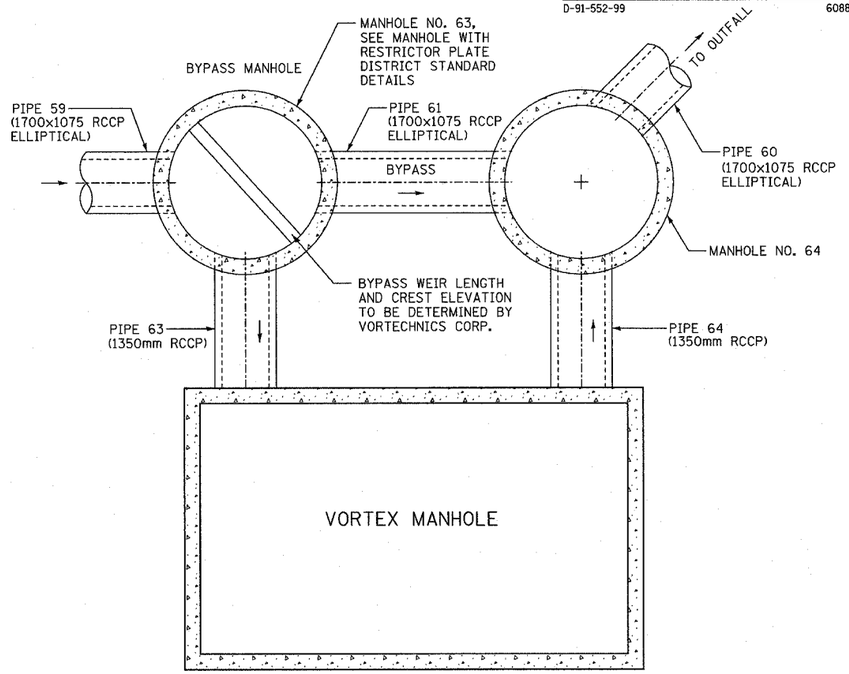
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20R-5	LAKE	562	234
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
D-91-552-99				60881

FINAL SURVEY	BY	DATE
NOTE BOOK		
NO.		

SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED



PLAN VIEW B-B

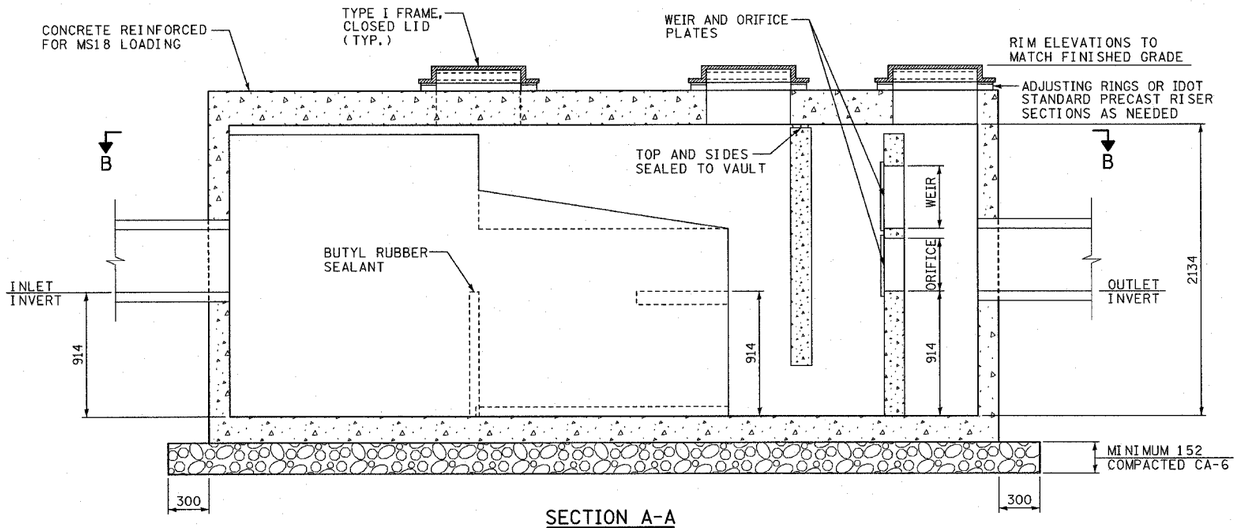


ACTUAL ORIENTATION AND LAYOUT MAY VARY
DUE TO SITE SPECIFIC CONSIDERATIONS

STANDARD BYPASS LAYOUT

ORIGINAL SURVEY	BY	DATE
NOTE BOOK		
NO.		

SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED



SECTION A-A

NOTES:

1. VORTEX MANHOLES SHALL BE AS MANUFACTURED BY:
   VORTECHNICS CORPORATION
   200 ENTERPRISE DRIVE,
   SCARBOROUGH, MAINE 04074
   TEL: (207) 885-9830
   FAX: (207) 885-9825
   www.vortechnics.com
   MODEL 16000
2. INLET PIPE MUST BE PERPENDICULAR TO THE STRUCTURE.
3. PIPE ORIENTATION MAY VARY, SEE SITE PLAN FOR SIZE AND LOCATION.
4. VORTECHNICS INC. SYSTEMS INSTALLED IN A BYPASS CONFIGURATION REQUIRE AN UPSTREAM DIVERSION STRUCTURE THAT SHALL HAVE WEIR WIDTH DATA PROVIDED BY VORTECHNICS CORPORATION.
5. IF THE BYPASS MANHOLE DIAMETER CHANGES FROM THAT SHOWN, VORTECHNICS MUST BE ADVISED SO THE WEIR CREST LENGTH AND ELEVATION CAN BE RECALCULATED.
6. INLET AND OUTLET INVERTS TO BE THE SAME.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
IL RTE 22 (FAP 337)
IL RTE 83 TO US 45 / IL 21 (MILWAUKEE AVE)

STANDARD DETAIL
STORMWATER TREATMENT SYSTEM

VORTEX MANHOLE
LOCATION NO.3
STA. 104+463.450

SCALE: NONE DRAWN BY: BK
DATE: 03-22-2004 CHECKED BY: DAJ

P:\60332\Misc\22dr\det03.dgn 03/23/2004 04:47:32 PM