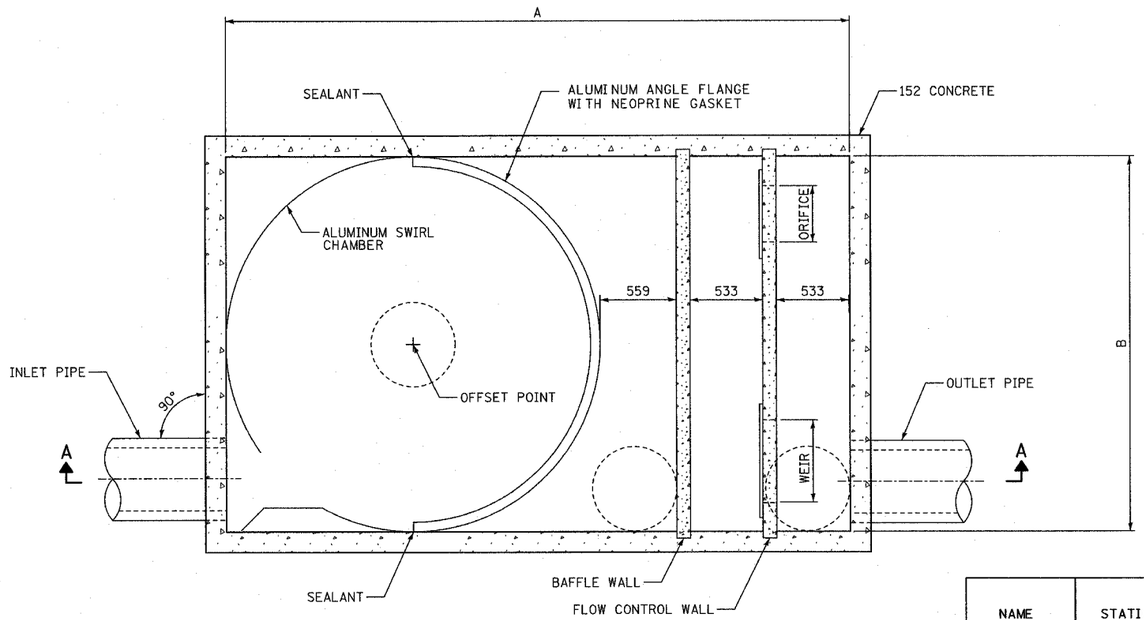
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20R-5	LAKE	562	233
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
D-91-552-99				60881

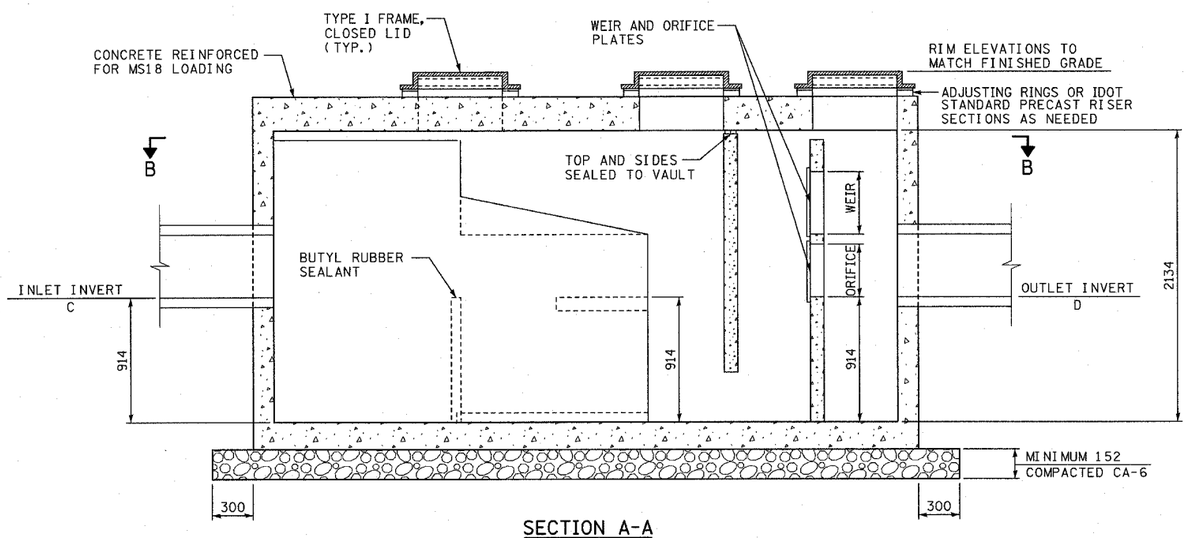
FINAL SURVEY — NOTE BOOK — NO. — BY — DATE
SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED



PLAN VIEW B-B

NAME	STATION	OFFSET	MODEL TYPE	DIMENSIONS (mm)		INLET PIPE NO.	INLET INVERT	OUTLET PIPE NO.	OUTLET INVERT	REQ'D CAPACITY (cms)
				A	B		C		D	
VORTEX MH NO.1	100+993.990	15.270m LT	MODEL 7000	4267	2438	66	208.811	12	208.811	.311
VORTEX MH NO.2	100+954.870	15.270m LT	MODEL 9000	4572	2743	65	208.811	11	208.811	.396

ORIGINAL SURVEY — NOTE BOOK — NO. — BY — DATE
SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED



SECTION A-A

STANDARD DETAIL
STORMWATER TREATMENT SYSTEM

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 7000 & MODEL 9000
2. INLET PIPES MUST BE PERPENDICULAR TO THE STRUCTURE.
3. 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)
VORTEX MANHOLE
LOCATION NO.1 AND NO.2
STA. 100+993.990 AND STA. 100+954.870
SCALE: NONE — DRAWN BY: BK
DATE: 03-22-2004 — CHECKED BY: DAJ

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