



9 ANCHOR BOLT HOLES REQD. IN EACH END.
 9.0" IN FROM THE CUT EDGE AND ON
 18.0" CENTERS, BEGINNING AT INVERT C-L
 FOR BOTTOM HALF OF PIPE ONLY

NOTE:
 PIPE SHALL NOT BE 5% ELONGATED PER
 NOTE # 6 ON STATE OF VERMONT PLANS.

FOR APPROVAL

APPROVED BY:

DATE:

- GENERAL NOTES:
- Confirmation of cover - This structure is within the minimum and maximum allowable height of cover for the designated loading conditions:
 Loading: H5-20 Minimum cover (60) 150 Maximum cover (FT) 32.00
 - For proper bolt size usage, refer to following table:

Plate only	2 plate lap	3 plate lap	4 plate lap
0.100" - 0.125" thk. plate	1-1/4"	1-1/2"	1-1/4"
0.150" - 0.200" thk. plate	1-1/4"	1-1/2"	N/A
0.225" - 0.250" thk. plate	1-1/2"	2"	N/A
 - Nuts may be located on structure's interior or exterior to allow conventional access during assembly and torquing. Only one side of nut has a curved surface and it should be in direct contact with plate valley.
 - All plate laps and reinforcing ribs must be properly mated in a tangent fashion using proper alignment techniques and held in alignment by fasteners (finger tightened only). Before backfilling commences, all fasteners must be torqued for adequate component contact. Good component fit is better than high torque.
 - Fastener torque requirements: 0.100" thick plate at 90-115 foot-pounds. For all thicker plates and reinforcing ribs, torque at 115-135 foot-pounds. Torque levels are for installation, not residual, in-service requirements. Since torquing may loosen previously tightened fasteners, multiple passes may be necessary. When seam sealant tape is used, fasteners should be torqued again after 24 hours.
 - All aluminum structural plate material is manufactured in accordance with AASHTO M219 and ASTM B748 specifications.
 - See ASSEMBLY INSTRUCTIONS shipped with material in fastener container. Also refer to specific product catalog for additional product information.

DEVELOPED PLAN - NO SCALE
 OUTSIDE SURFACE SHOWN

NO.	DATE	REVISION	BY	CHK.
NOTICE				
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		ALUMINUM STRUCTURAL PLATE PRODUCTS		PLANT ORDER NO. 10-8966
		PROJECT IDENTIFICATION WINTERSET, INC. VERMONT DOT PROJECT # F026-1(30) U.S. ROUTE 302 OVER CLARK HATCH BROOK CALEDONIA COUNTY, GROTON, VT		SALES ORDER NO. 17-0448-01
				SALES REGION 4317
				BUYERS NO. C 0205
				DWN BY WASTERLAIN
				DATE 06/23/97
				SCALE NONE
				SHT. OF 1 1
INLET/OUTLET	SIZE	PLATE THICKNESS	REINFORCING RIB SPACING	
	7' 0" x 7' 0"	.125"		
SKREW NO.	TYPE STRUCTURE	REINFORCING RIB TYPE	NUMBER OF STRUCTURES	
	ROUND		1	
BEVEL	INV LENGTH @ G			
	120' 0"			

RECORDS
 2140031-1010501
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