

								VALVE V	AULT REIN	IFORCING							
SIZE	f'c (P.S.I)	DIMENSIONS					WELDED WIRE REINFORCEMENT									SHEAR REINFORCEMENT	
		DIMENSIONS				As1		As2	As3	As4	As5	As6	As7	As8	BOTTOM OF BARF		
		SPAN (FT.)	RISE (FT.)	Tt (IN.)	Tb (IN.)	Ts (IN.)	AREA	M (FT.)	AREA	MAX. SPG.							
							(IN. ² /FT.)		(IN. ² /FT.)	(IN.)							
14'-0" x 6'-0"	5000	14	6	12	12	12	1.06	4'-6"	1.06	1.06	1.06	0.46	0.46	0.29	0.29	0.09	4





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REL								
	X (IN.)							
	16							

GENERAL NOTES:

- 1 1/2" MIN AND 2" MAX CONCRETE COVER ON ALL
- REINFORCEMENT REINFORCEMENT REINFORCEMENT AREA BASED GRADE 60 REINFORCEMENT. WELDED WIRE FABRIC MAY BE USED IN PLACE OF REINFORCEMENT. ADJUST AREA OF REINFORCEMENT BASED ON RATIO OF YIELD STRENGTHS.

ELK RIVER, MINNESOTA	SHEET
WINDSOR PARK 3RD. ADDITION - SEWER EXTENSION	6
	OF
LIFT STATION STRUCTURAL DETAILS	16