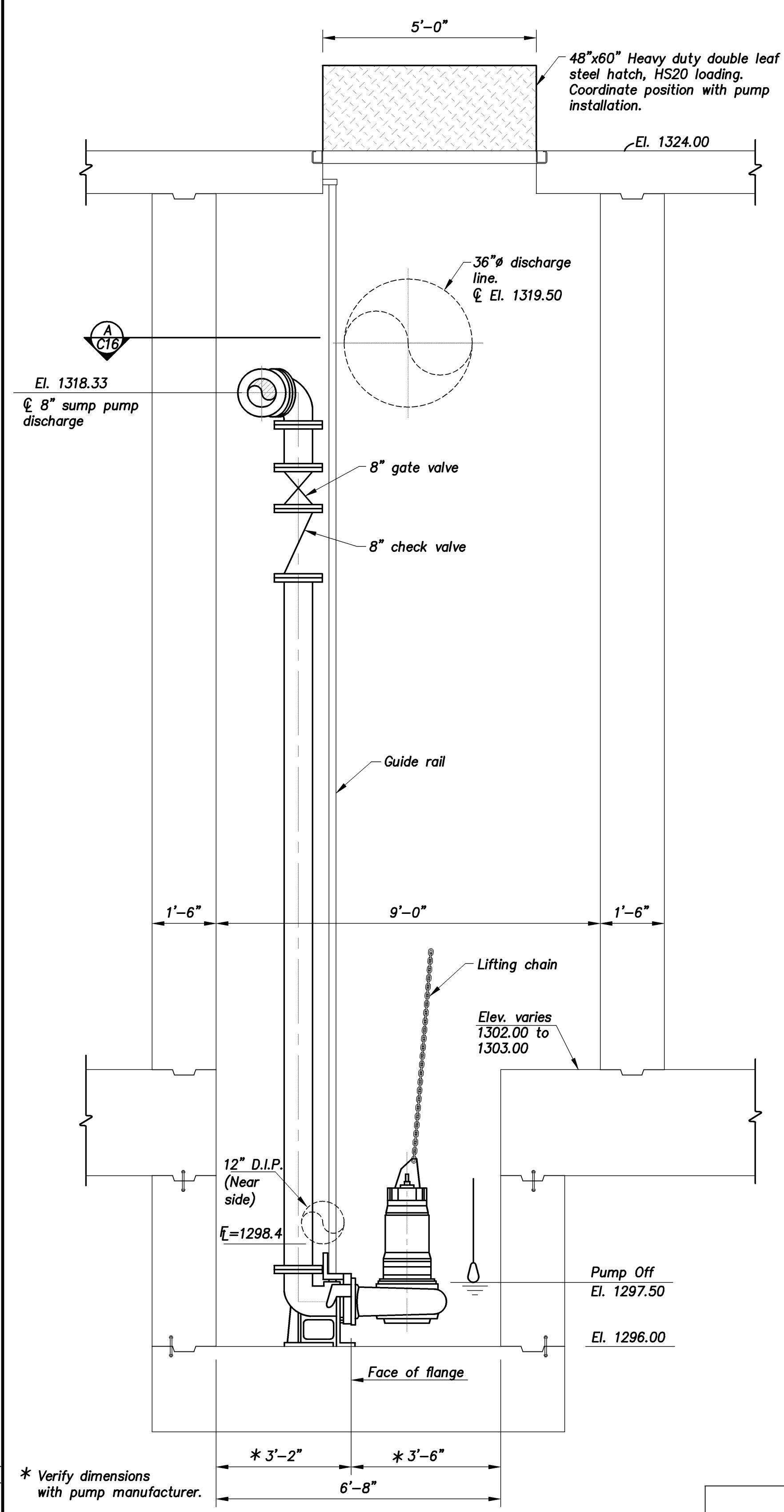
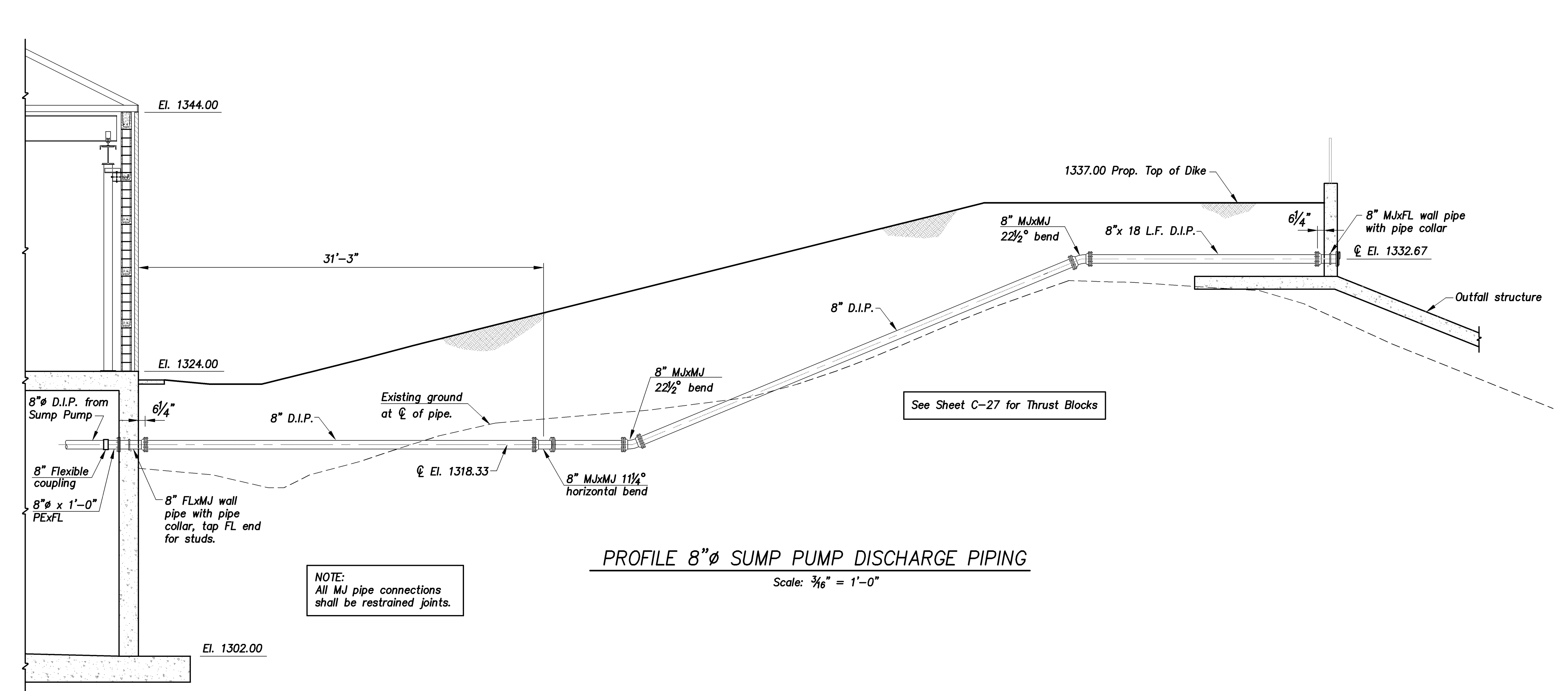


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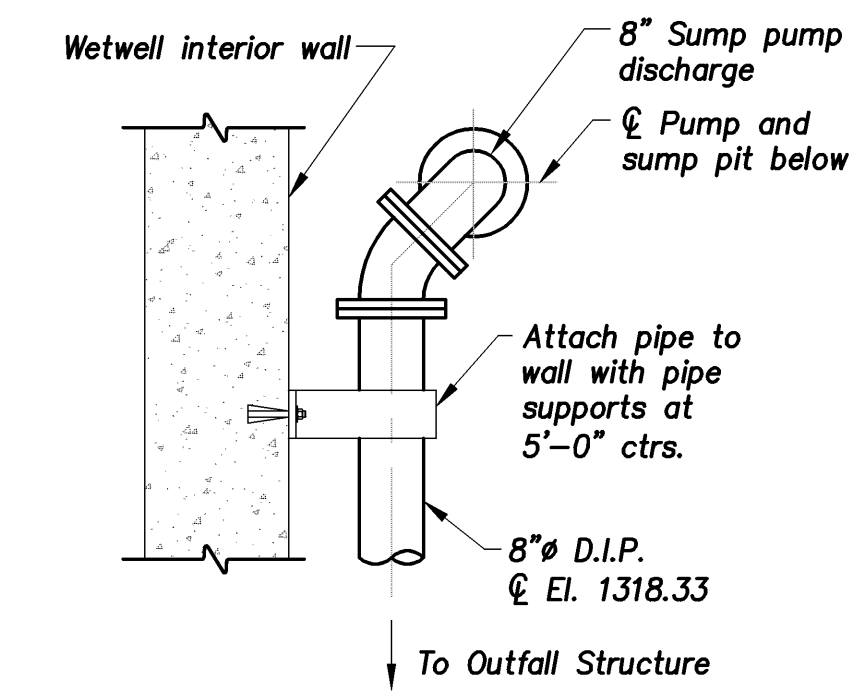


SECTION AT SUMP PUMP
1/2" = 1'-0"

- SUMP PUMP INSTALLATION NOTES**
- Check valves shall be as manufactured by American Cast Iron Pipe, CLOW, Crane, Kennedy, Mueller, or an approved equal.
 - Check valves shall meet the following requirements:
 - Swing check with resilient seat, with interior coating meets AWWA C550.
 - Standard: AWWA C508
 - Gate valves and D.I.P. shall meet City of Wichita Standard Specifications.



PROFILE 8" SUMP PUMP DISCHARGE PIPING
Scale: 3/16" = 1'-0"



SECTION A
1/2" = 1'-0"

PUMP SCHEDULE														
DESIGNATION	LOCATION	NAME	TYPE	MINIMUM CAPACITY GPM	FT. HEAD	EFFICIENCY	MINIMUM COLUMN SIZE	MINIMUM BELL SIZE	DISCHARGE SIZE	DISCHARGE CONNECTION SIZE	MOTOR HP	RPM	SPEED	ELECTRICAL
P-1	PUMP STATION	STORMWATER	VERTICAL	9,000	28.7	80%	20"	33.5"	20"	20"	100	600	SINGLE	460/60/3
P-2	PUMP STATION	STORMWATER	VERTICAL	9,000	28.7	80%	20"	33.5"	20"	20"	100	600	SINGLE	460/60/3
P-3	PUMP STATION	STORMWATER	VERTICAL	27,000	24.2	80%	36"	50.5"	36"	36"	250	445	SINGLE	460/60/3
P-4	PUMP STATION	STORMWATER	VERTICAL	27,000	24.2	80%	36"	50.5"	36"	36"	250	445	SINGLE	460/60/3
P-5	PUMP STATION	STORMWATER	VERTICAL	27,000	24.2	80%	36"	50.5"	36"	36"	250	445	SINGLE	460/60/3
P-6	PUMP STATION	STORMWATER	VERTICAL	45,000	22.1	80%	48"	66.75"	48"	48"	400	400	SINGLE	460/60/3
SUMP PUMP	PUMP STATION	SUMP	SUBMERSIBLE	1,000	41	65%	N/A	N/A	8"	8"	22	1170	SINGLE	460/60/3

CITY OF WICHITA, KANSAS		CFS Cook, Flatt & Strobel ENGINEERS, P.A.
PUMP STATION NO. 11		
CIVIL		DESIGNED MDC
PUMP STATION		SCALE As Shown
SUMP PUMP & PUMP SCHEDULE		DATE 3-10-2010
		CHECKED
		SHEET C16 OF C31