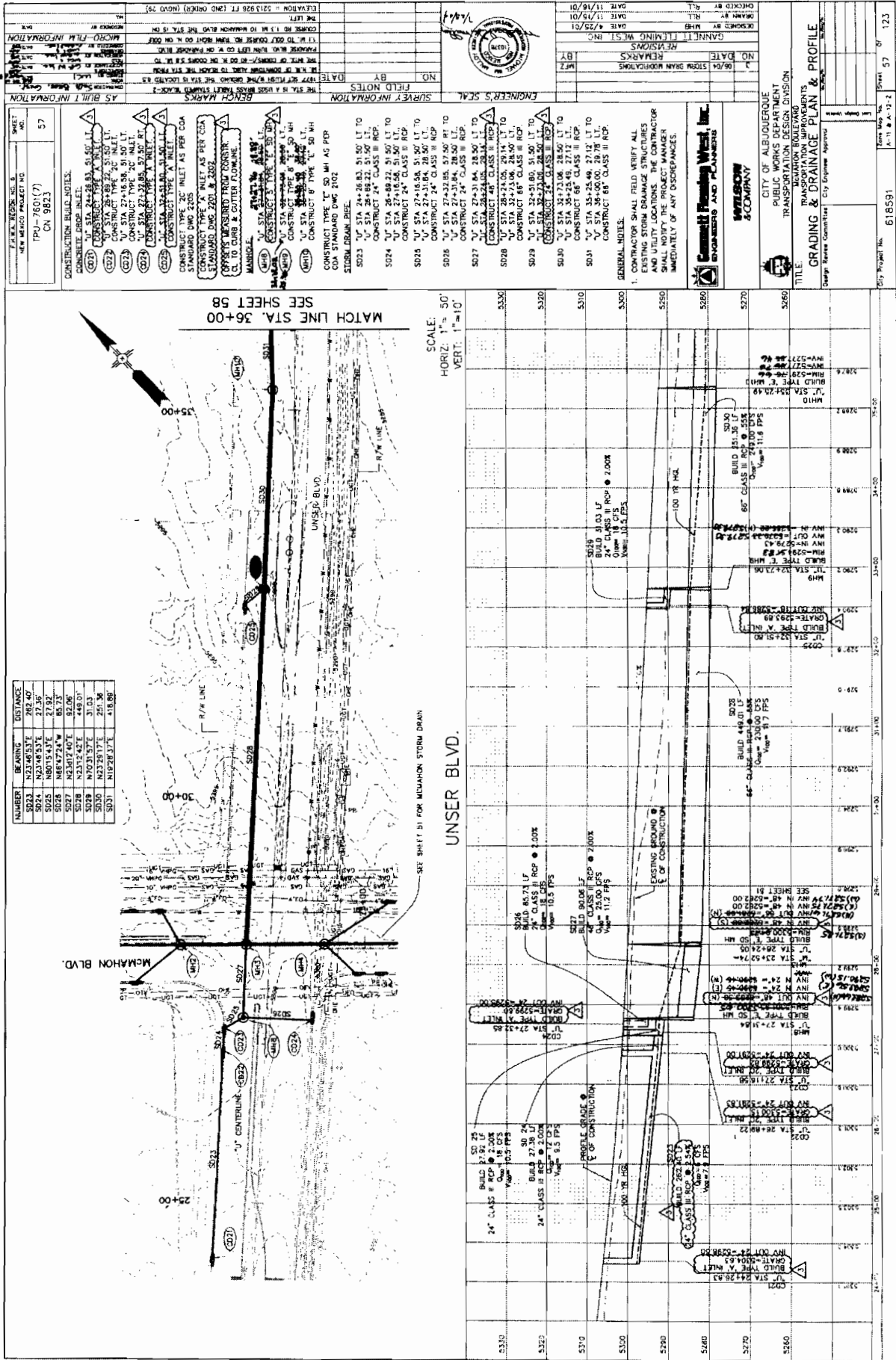


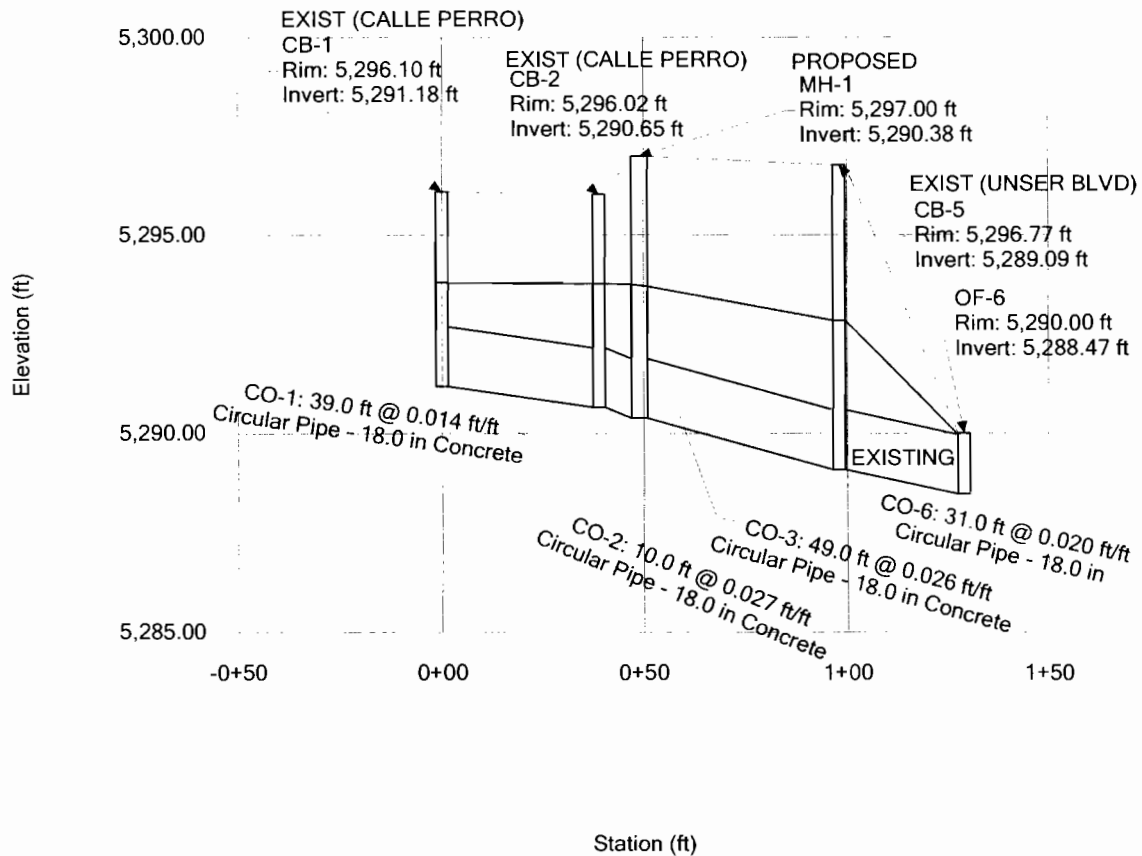


NO.	DATE	REVISIONS
1	11/16/01	ISSUED FOR PERMIT
2	11/16/01	ISSUED FOR PERMIT
3	11/16/01	ISSUED FOR PERMIT
4	11/16/01	ISSUED FOR PERMIT
5	11/16/01	ISSUED FOR PERMIT
6	11/16/01	ISSUED FOR PERMIT
7	11/16/01	ISSUED FOR PERMIT
8	11/16/01	ISSUED FOR PERMIT
9	11/16/01	ISSUED FOR PERMIT
10	11/16/01	ISSUED FOR PERMIT

PROJECT NO.	618591
PROJECT NAME	GRADING AND DRAINAGE PLAN & PROFILE
CLIENT	CITY OF ALBUQUERQUE
DESIGNER	WILSON & COMPANY
ENGINEER	WILSON & COMPANY
DATE	11/16/01
BY	WILSON & COMPANY
CHECKED BY	WILSON & COMPANY
DATE	11/16/01

CONSTRUCTION NOTES:
1. ALL GRADES SHALL BE TO FINISH GRADE UNLESS OTHERWISE NOTED.
2. ALL DRAINAGE STRUCTURES SHALL BE CONSTRUCTED TO THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION.
3. ALL DRAINAGE STRUCTURES SHALL BE CONSTRUCTED TO THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION.
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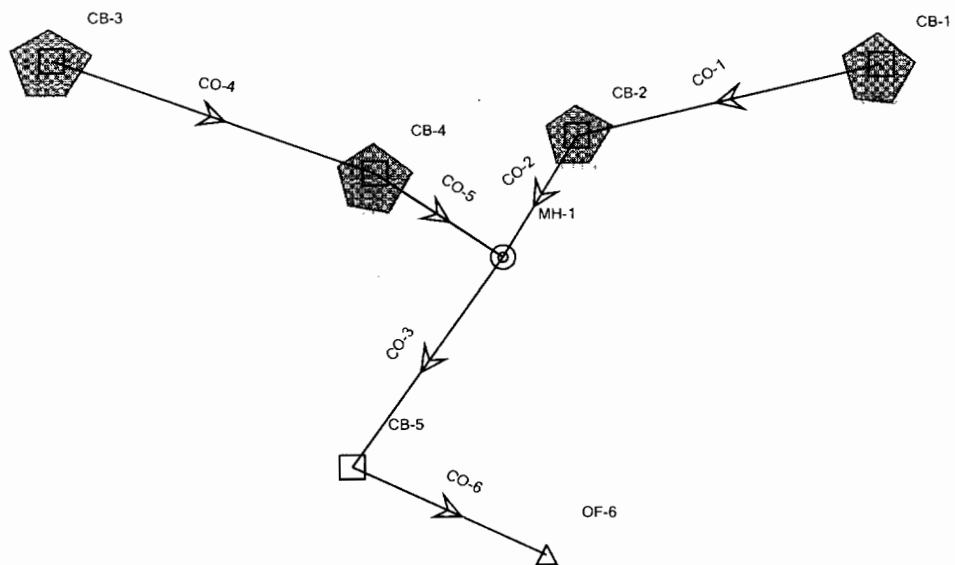
Profile Report **Engineering Profile - Profile - 2 (Valero Corner Store, abq - SD** **Analysis.stc)**



FlexTable: Conduit Table (Valero Corner Store, abq - SD Analysis.stc)

Label	Invert (Upstream) (ft)	Stop Node	Invert (Downstream) (ft)	Manning's n	Diameter (in)	Flow (ft ³ /s)	Length (Unified) (ft)	Slope (Calculated) (ft/ft)	Capacity (Full Flow) (ft ³ /s)	Elevation Ground (Start) (ft)
CO-1	5,291.18	CB-2	5,290.65	0.013	18.0	3.03	39.0	0.014	12.24	5,296.10
CO-2	5,290.65	MH-1	5,290.38	0.013	18.0	3.90	10.0	0.027	17.26	5,296.02
CO-3	5,290.38	CB-5	5,289.09	0.013	18.0	13.93	49.0	0.026	17.04	5,297.00
CO-4	5,295.71	CB-4	5,293.28	0.013	12.0	3.86	161.7	0.015	4.37	5,297.71
CO-5	5,293.28	MH-1	5,290.38	0.013	18.0	10.03	31.2	0.093	32.02	5,297.10
CO-6	5,289.09	OF-6	5,288.47	0.013	18.0	31.93	31.0	0.020	14.85	5,296.77
Elevation Ground (Stop) (ft)	Hydraulic Grade Line (In) (ft)	Hydraulic Grade Line (Out) (ft)	Cover (Start) (ft)	Cover (Stop) (ft)	Velocity (Average) (ft/s)					
5,296.02	5,293.80	5,293.76	3.42	3.87	1.71					
5,297.00	5,293.76	5,293.75	3.87	5.12	2.21					
5,296.77	5,293.70	5,292.84	5.12	6.18	7.88					
5,297.10	5,296.55	5,294.53	1.00	2.82	6.28					
5,297.00	5,294.50	5,293.75	2.32	5.12	16.02					
5,290.00	5,292.84	5,289.96	6.18	0.03	18.07					

Scenario: Base



Profile Report
Engineering Profile - Profile - 1 (Valero Corner Store, abq - SD
Analysis.stc)

