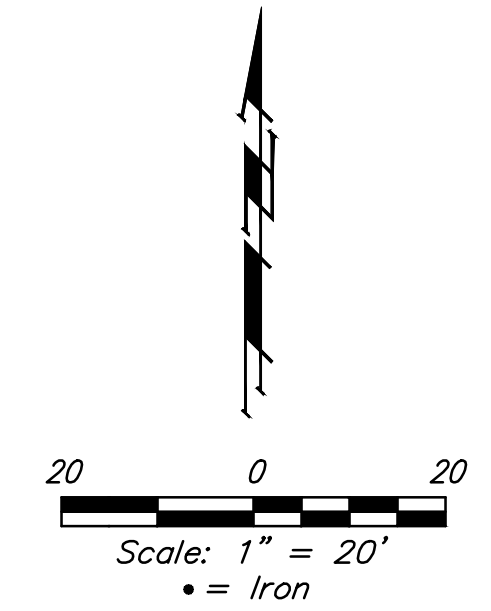


**BENCHMARKS:**

BM #1: Square cut/cross on curb inlet near the SE corner of Lot 1, Block D, Castlegate 3rd Addition.  
Elev. = 1342.69 (NAVD88)

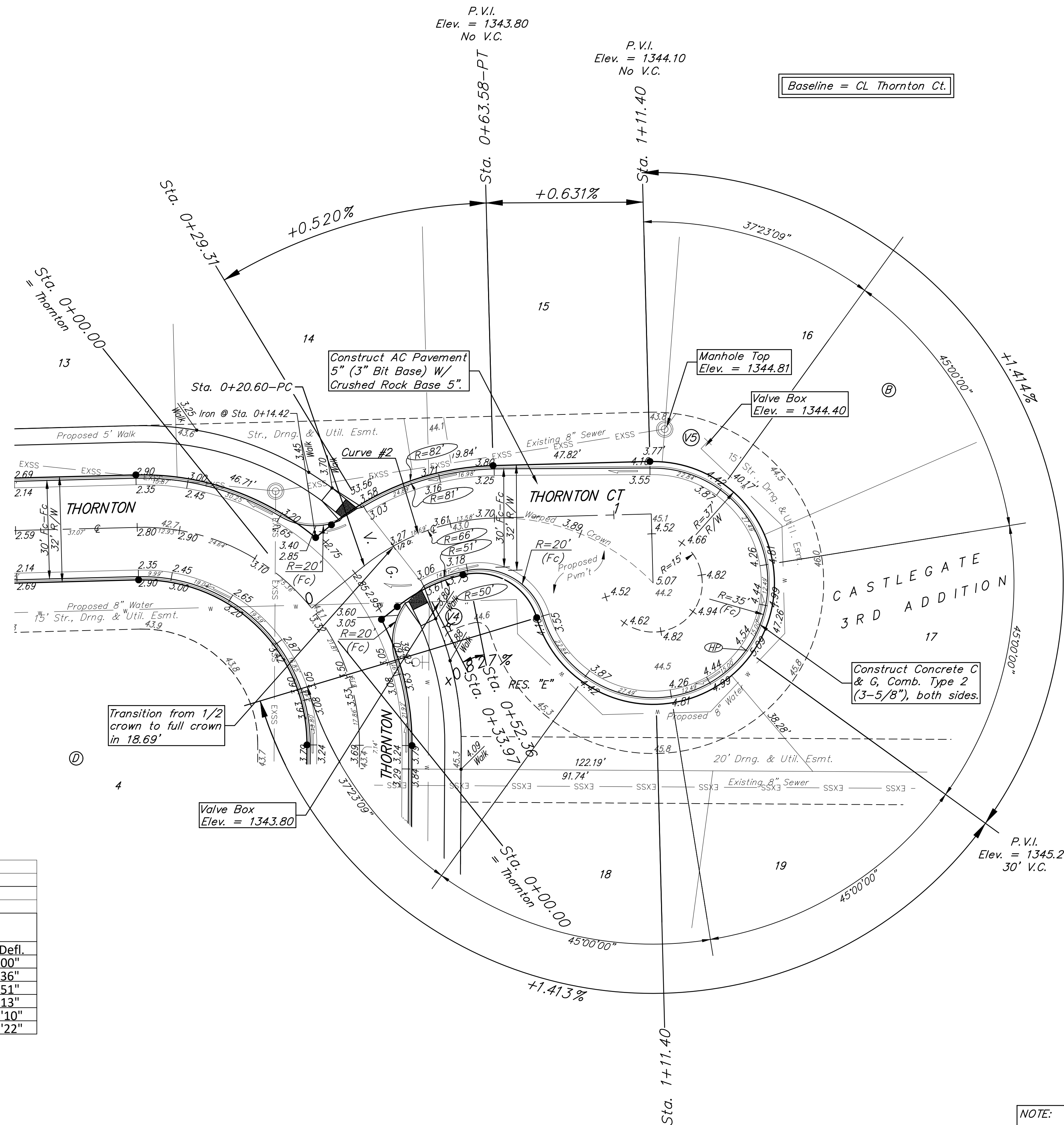
BM #2: Square cut/cross on curb inlet near the SW corner of Lot 11, Block B, Castlegate 3rd Addition.  
Elev. = 1343.08 (NAVD88)



**WATER VALVE LOCATION TABLE**

VALVE NUMBER	STREET	BASELINE STATION	OFFSET DISTANCE	OFFSET DIRECTION
V4	Thornton Ct.	0+33.00	20.20'	Rt.
V5	Thornton Ct.	1+27.09	19.50'	Lt.

Paving contractor will be responsible to operate all water valves on the project, in the presence of the inspector, to ensure accessibility to the valves, and that all valves (except blowoffs) are left in the "ON" position when the project is completed.



Curve #2					
Curve Data Based on Centerline					
Rad. = 66' Delta = 37°18'45" Tangent = 22.28'					
Arc = 42.98' L.C. = 42.23' Def./Ft. = 26.04409 Min.					
Face Chord Lengths	Arc	8' Left	8' Right	Defl.	Total Defl.
0+20.60	-	-	-	0°00'00"	0°00'00"
0+25.00	4.40'	5.93'	2.87'	1°54'36"	1°54'36"
0+29.31	4.31'	5.81'	2.81'	1°52'15"	3°46'51"
0+33.97	4.66'	6.28'	3.04'	2°01'22"	5°48'13"
0+52.36	18.39'	24.72'	11.94'	7°58'57"	13°47'10"
0+63.58	11.22'	15.11'	7.30'	4°52'12"	18°39'22"

NOTE: ROLL TYPE CURB & GUTTER (TYPE 2) TO BE CONSTRUCTED ON THE PAVEMENT SHOWN ON THIS SHEET. TOP OF CURB ELEVATIONS ARE GIVEN FOR FULL HEIGHT CURB (TYPE 4).

**BAUGHMAN COMPANY**

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CASTLEGATE 3RD ADD.  
Phase 2

**THORNTON CT.  
LOTS 14-17,  
BLOCK B**

STREET IMPROVEMENTS

PROJECT NUMBER:  
22-08-E278

DESIGN: NBW DRAWN: TMS  
DATE: May 16, 2023

SHEET OF  
**5 23**

File: E:\Projects\Castlegate 3rd Addition\_18-12-P-423\Engineering\Phase 2\Streets 22-08-E278\Streets.dwg