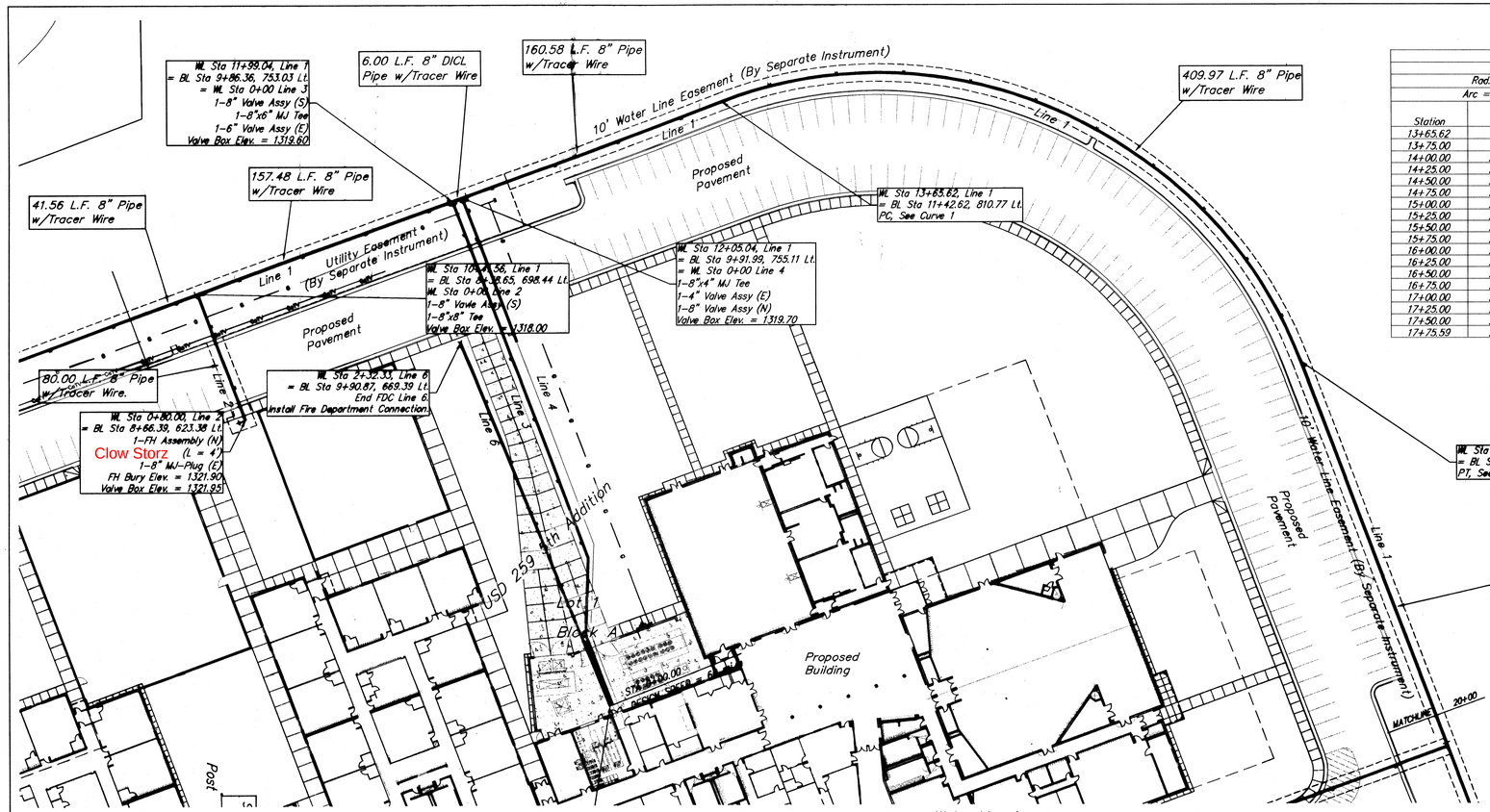
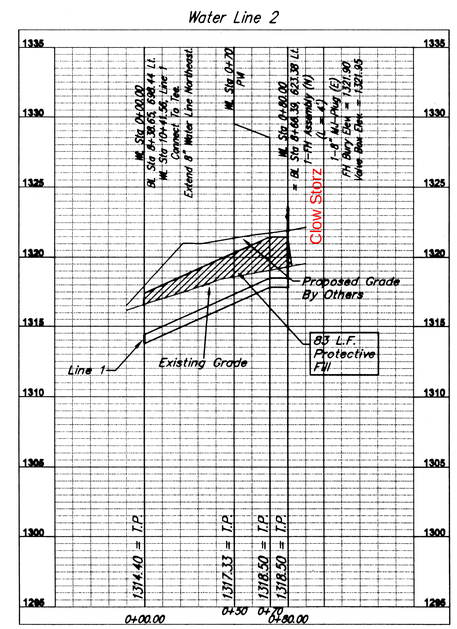
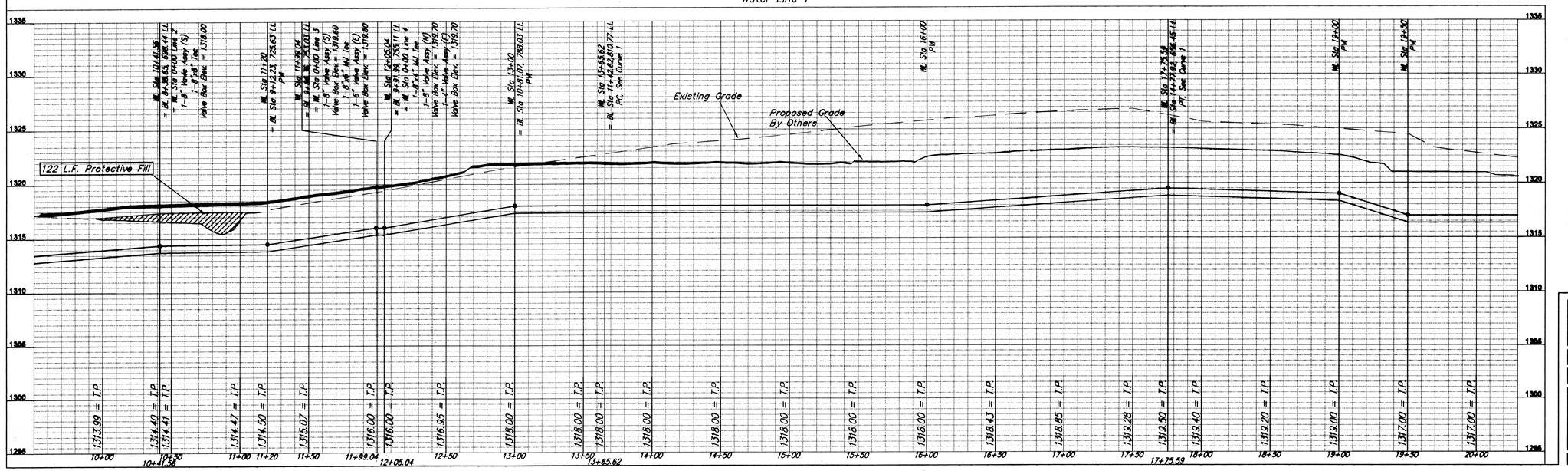


Water Line 1

Curve #1				
Curve Data Based on Centerline				
Rad. = 261' Delta = 89°59'16" Tangent = 260.94'				
Arc = 409.97' L.C. = 369.07' Def./Ft. = 6.58495 Min.				
Station	Arc	Face Chord Lengths 6' Left	Defl.	Total Defl.
13+65.62	–	–	0°00'00"	0°00'00"
13+75.00	9.38'	9.59'	1°01'46"	1°01'46"
14+00.00	25.00'	25.56'	2°44'37"	3°46'23"
14+25.00	25.00'	25.56'	2°44'38"	6°31'01"
14+50.00	25.00'	25.56'	2°44'37"	9°15'38"
14+75.00	25.00'	25.56'	2°44'38"	12°00'16"
15+00.00	25.00'	25.56'	2°44'37"	14°44'53"
15+25.00	25.00'	25.56'	2°44'38"	17°29'31"
15+50.00	25.00'	25.56'	2°44'37"	20°14'08"
15+75.00	25.00'	25.56'	2°44'37"	22°58'45"
16+00.00	25.00'	25.56'	2°44'38"	25°43'23"
16+25.00	25.00'	25.56'	2°44'37"	28°28'00"
16+50.00	25.00'	25.56'	2°44'38"	31°12'38"
16+75.00	25.00'	25.56'	2°44'37"	33°57'15"
17+00.00	25.00'	25.56'	2°44'38"	36°41'53"
17+25.00	25.00'	25.56'	2°44'37"	39°26'30"
17+50.00	25.00'	25.56'	2°44'37"	42°11'07"
17+75.59	25.59'	26.16'	2°48'31"	44°59'38"



NOTE:
Contractor Shall Sand Backfill, Flush, & Vibrate Water Lines When Pipe Is Under Pavement.



Scale: 1" = 40' (Hor.)
1" = 5' (Vert.)
• = Iron

Benchmarks

Site Benchmark – 1:
Railroad Spike in Power Pole.
Elevation = 1313.69 (NAVD 88)

Contractor To Use Extreme Caution When Excavating Near Utility Lines. Contractor To Hand Dig To Expose All Utility Lines Prior To Construction. Verify Depth To Determine Conflict If Any.

Contractor Shall Follow All Applicable Best Management Practices (BMP) For Erosion Control.

Baughman

USD #259 Fifth Addition
WATER LINE 1
Sta 10+00 to 20+00
Private Water Line Improvements

Baughman Company, P.A. 315 Illinois St. Wichita, KS 67211 P 316.263.7271 F 316.263.8149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER	DESIGN	DRAWN
1555 PPW (607853)	PSB	PSB/LU
REVISIONS:	APPROVED LU	DATE 9/2010
	SCALE 1" = 40'	
	SHEET 4 OF 7	

E:\Projects\USD 259 5th Addition\Engineering\PPW\PPW 10-04-E485