BENCHMARKS:
BM #1: Chiseled square on NW corner of catch basin, 262.2' W. & 35.9' N. of S1/4 Cor., Sec. 1, TWP. 27-S., R-2-E.
Elev. = 1361.76 NAVD88

BM #2: Chiseled square on NW corner of catch basin, 962.0' W. & 35.8' N. of S1/4 Cor., Sec. 1, TWP. 27-S., R-2-E.
Elev. = 1363.84 NAVD88

BM #3: Chiseled square on NW Corder of catch basin, 160.0' E. & 24.3' S. of SW Cor., Lot 13, Block A, NRD Addition.
Elev. = 1369.05 NAVD88

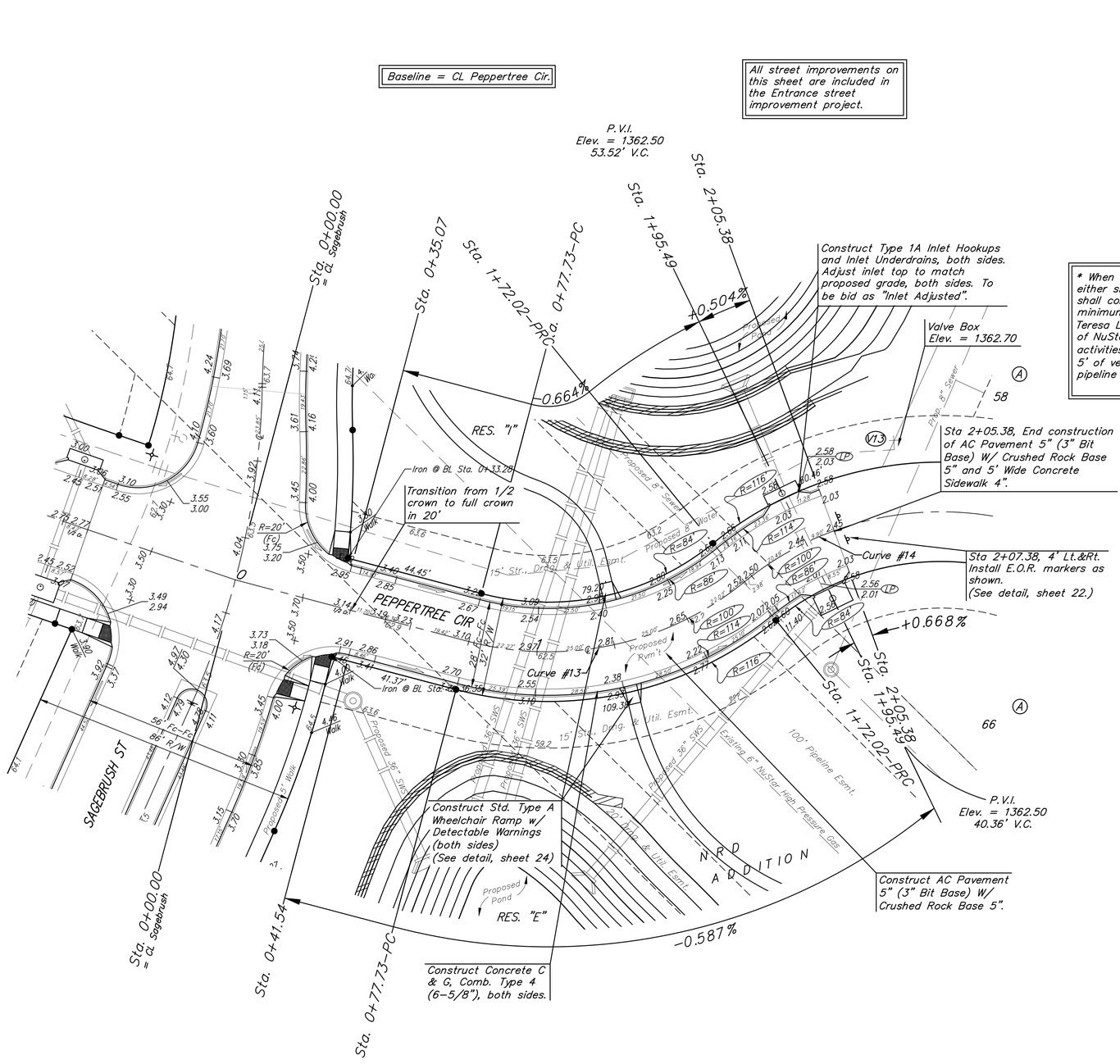
WATER VALVE LOCATION TABLE

VALVE NUMBER	STREET	BASELINE STATION	OFFSET DISTANCE	OFFSET DIRECTION
V13	Peppertree Cir.	2+28.07	21'	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.

Baseline = CL Peppertree Cir.

All street improvements on this sheet are included in the Entrance street improvement project.



* When construction will occur within 50' of either side of NuStar gas pipeline, Contractor shall contact Kansas One-Call and NuStar a minimum of 72 hours prior to construction. Teresa Landry (316)322-0325. A representative of NuStar must be present for any construction activities within 50' of pipeline. A minimum of 5' of vertical separation is required between gas pipeline and proposed surface.

20 0 20
Scale: 1" = 20'
• = Iron

Curve #13					
Curve Data Based on Centerline					
Rad. = 100' Delta = 54°01'26" Tangent = 50.98'					
Arc = 94.29' L.C. = 90.84' Def./Ft. = 17.18864 Min.					
Face Chord Lengths					
Station	Arc	8' Left	8' Right	Defl.	Total Defl.
0+77.73	-	-	-	0°00'00"	0°00'00"
1+00.00	22.27'	17.33'	27.11'	6°22'47"	6°22'47"
1+25.00	25.00'	19.45'	30.42'	7°09'43"	13°32'30"
1+50.00	25.00'	19.45'	30.42'	7°09'43"	20°42'13"
1+72.02	22.02'	17.14'	26.81'	6°18'30"	27°00'43"

Curve #14					
Curve Data Based on Centerline					
Rad. = 100' Delta = 19°07'02" Tangent = 16.84'					
Arc = 33.36' L.C. = 33.21' Def./Ft. = 17.19175 Min.					
Face Chord Lengths					
Station	Arc	8' Left	8' Right	Defl.	Total Defl.
1+72.02	-	-	-	0°00'00"	0°00'00"
1+75.00	2.98'	3.64'	2.32'	0°51'14"	0°51'14"
2+00.00	25.00'	30.43'	19.45'	7°09'48"	8°01'02"
2+05.38	5.38'	6.56'	4.20'	1°32'29"	9°33'31"

I BRENT WOOTEN LICENSED 8470 KANSAS PROFESSIONAL ENGINEER

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NRD ADDITION
Phase I & Entrance

PEPPERTREE CIR.

STREET IMPROVEMENTS

PROJECT NUMBER:
21-03-E868 & E869

DESIGN: NBW DRAWN: TMS

DATE: December 6, 2021

SHEET 10 OF 47

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