

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 corner of catch basin, 160.0' E. & 24.3' S. of SW Cor., Lot 13, Block A, NRD Addition.
 Elev. = 1369.05 NAVD88

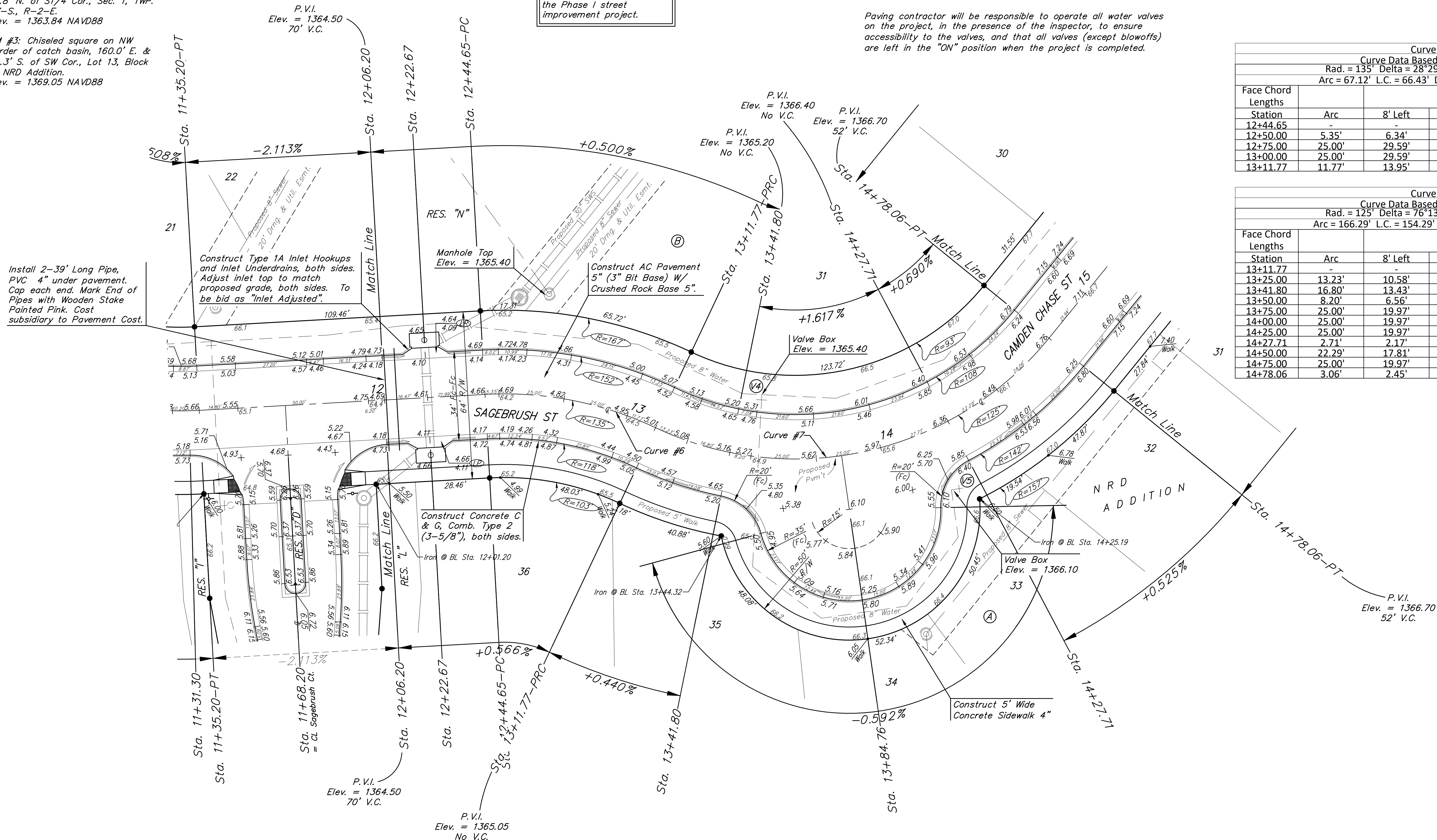
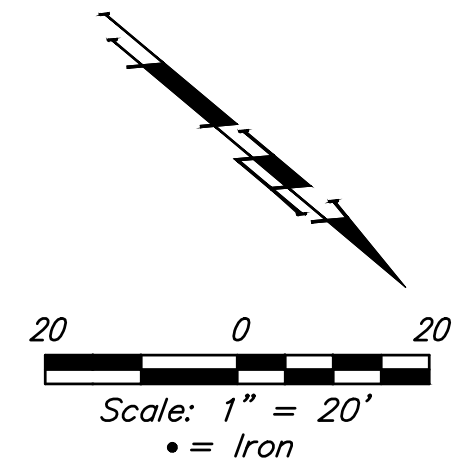
Baseline = CL Sagebrush

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

WATER VALVE LOCATION TABLE

VALVE NUMBER	STREET	BASELINE STATION	OFFSET DISTANCE	OFFSET DIRECTION
V4	Sagebrush	13+51.16	23.8'	Lt.
V5	Camden Chase	14+18.43	24.3'	Rt.

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 #6
 Curve Data Based on Centerline
 Rad. = 135' Delta = 28°29'11" Tangent = 34.27'
 Arc = 67.12' L.C. = 66.43' Def./Ft. = 12.73230 Min.

Face Chord Lengths	Station	Arc	8' Left	8' Right	Defl.	Total Defl.
	12+44.65	-	-	-	0°00'00"	0°00'00"
	12+50.00	5.35'	6.34'	4.36'	1°08'07"	1°08'07"
	12+75.00	25.00'	29.59'	20.34'	5°18'19"	6°26'26"
	13+00.00	25.00'	29.59'	20.34'	5°18'18"	11°44'44"
	13+11.77	11.77'	13.95'	9.59'	2°29'52"	14°14'36"

Curve #7
 Curve Data Based on Centerline
 Rad. = 125' Delta = 76°13'13" Tangent = 98.05'
 Arc = 166.29' L.C. = 154.29' Def./Ft. = 13.75073 Min.

Face Chord Lengths	Station	Arc	8' Left	8' Right	Defl.	Total Defl.
	13+11.77	-	-	-	0°00'00"	0°00'00"
	13+25.00	13.23'	10.58'	15.87'	3°01'55"	3°01'55"
	13+41.80	16.80'	13.43'	20.14'	3°51'01"	6°52'56"
	13+50.00	8.20'	6.56'	9.84'	1°52'45"	8°45'41"
	13+75.00	25.00'	19.97'	-	5°43'47"	14°29'28"
	14+00.00	25.00'	19.97'	-	5°43'46"	20°13'14"
	14+25.00	25.00'	19.97'	-	5°43'46"	25°57'00"
	14+27.71	2.71'	2.17'	-	0°37'16"	26°34'16"
	14+50.00	22.29'	17.81'	26.71'	5°06'30"	31°40'46"
	14+75.00	25.00'	19.97'	29.95'	5°43'46"	37°24'32"
	14+78.06	3.06'	2.45'	3.67'	0°42'05"	38°06'37"



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NRD ADDITION
 Phase I & Entrance
**SAGEBRUSH/
 CAMDEN
 CHASE**
 STREET
 IMPROVEMENTS
 PROJECT NUMBER:
 21-03-E868 & E869
 DESIGN: NBW DRAWN: TMS
 DATE: December 6, 2021
 SHEET OF
5 47

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).

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