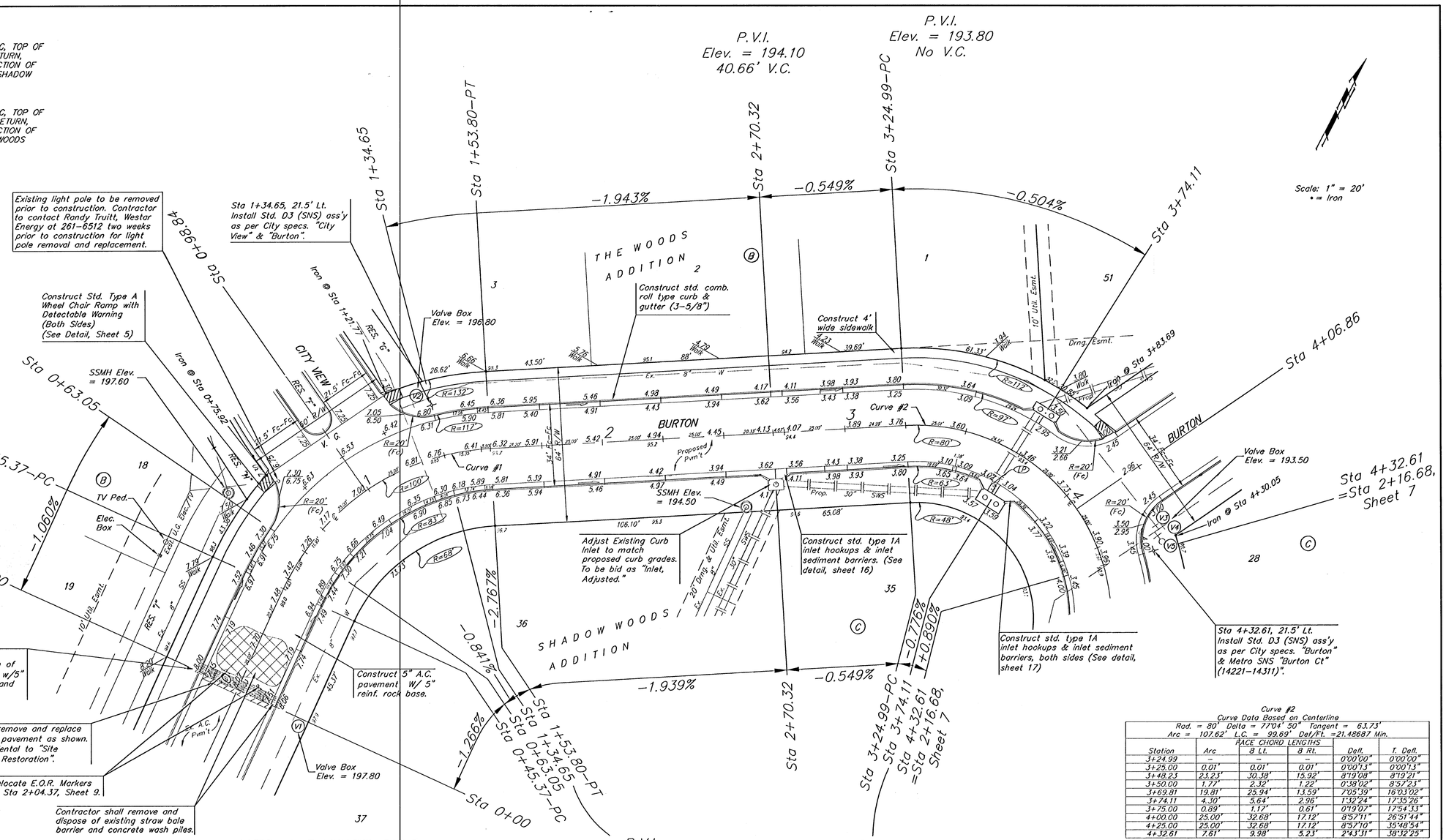
BENCHMARKS:

CITY OF WICHITA BENCHMARK DISC, TOP OF CURB AT WEST END OF CURB RETURN, NORTHWEST CORNER OF INTERSECTION OF CITY VIEW AND SHERIAC CIR. IN SHADOW WOODS ADDITION.
ELEV. = 199.26 (CITY DATUM)

CITY OF WICHITA BENCHMARK DISC, TOP OF CURB AT NORTH END OF CURB RETURN, NORTHWEST CORNER OF INTERSECTION OF BURTON AND CAVIT IN SHADOW WOODS ADDITION.
ELEV. = 193.21 (CITY DATUM)



Curve #1
Curve Data Based on Centerline
Rad. = 100' Delta = 62°27'33" Tangent = 60.24'
Arc = 108.43' L.C. = 103.20' Def/Ft. = 17.18874 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
0+45.37	–	–	–	0°00'00"	0°00'00"
0+50.00	4.63'	5.79'	3.47'	1°19'35"	1°19'35"
0+63.05	13.05'	16.30'	9.78'	3°44'19"	5°03'54"
0+75.00	11.95'	14.93'	8.96'	3°25'24"	8°29'18"
0+98.84	23.84'	29.73'	17.84'	6°49'47"	15°19'05"
1+00.00	1.16'	1.45'	0.87'	0°19'56"	15°39'01"
1+19.29	19.29'	24.08'	14.45'	5°31'54"	21°10'55"
1+25.00	5.71'	7.14'	4.28'	1°38'09"	22°48'44"
1+34.65	9.65'	12.06'	7.23'	2°45'53"	25°34'37"
1+50.00	15.35'	19.17'	11.50'	4°23'50"	29°58'27"
1+53.80	3.80'	4.75'	2.85'	1°05'19"	31°03'46"

WATER VALVE LOCATION TABLE

VALVE NUMBER	BASELINE STATION	OFFSET DISTANCE	OFFSET DIRECTION
V1	0+00	26'	Rt.
V2	1+28.75	24'	Lt.
V3	4+25.21	25'	Lt.
V4	4+25.29	28'	Lt.
V5	4+28.48	25'	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 are left in the "ON" position when the project is completed.

Trees and shrubs in public right-of-way which are in direct conflict with proposed new construction shall be removed by the Contractor ONLY with the Developer or Baughman Company approval. Trees and shrubs which are not in direct conflict with proposed new construction shall be saved and protected from damage.

Curve #2
Curve Data Based on Centerline
Rad. = 80' Delta = 77°04' 50" Tangent = 63.73'
Arc = 107.62' L.C. = 99.69' Def/Ft. =21.48687 Min.

Station	Arc	FACE CHORD LENGTHS 8 Lt.	8 Rt.	Defl.	T. Defl.
3+24.99	–	–	–	0°00'00"	0°00'00"
3+25.00	0.01'	0.01'	0.01'	0°00'13"	0°00'13"
3+48.23	23.23'	30.38'	15.92'	8°19'08"	8°19'21"
3+50.00	1.77'	2.32'	1.22'	0°38'02"	8°57'23"
3+69.81	19.81'	25.94'	13.59'	7°05'39"	16°03'02"
3+74.11	4.30'	5.64'	2.96'	1°32'24"	17°35'26"
3+75.00	0.89'	1.17'	0.61'	0°19'02"	17°54'33"
4+00.00	25.00'	32.68'	17.12'	8°57'11"	26°51'44"
4+25.00	25.00'	32.68'	17.12'	8°57'10"	35°48'54"
4+32.61	7.61'	9.98'	5.23'	2°43'31"	38°32'25"

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

Baughman

SHADOW WOODS ADD. - PH V
Burton
Street Paving

Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316.262.7271 F 316.262.0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER 472-84060
DESIGN AEG
DRAWN JEB
REVISIONS
APPROVED
DATE 6-21-06
SCALE Noted
SHEET 6 OF 37

E:\eng\Shadow Woods Addition\Phase 5\st1.dwg 06-01-E467