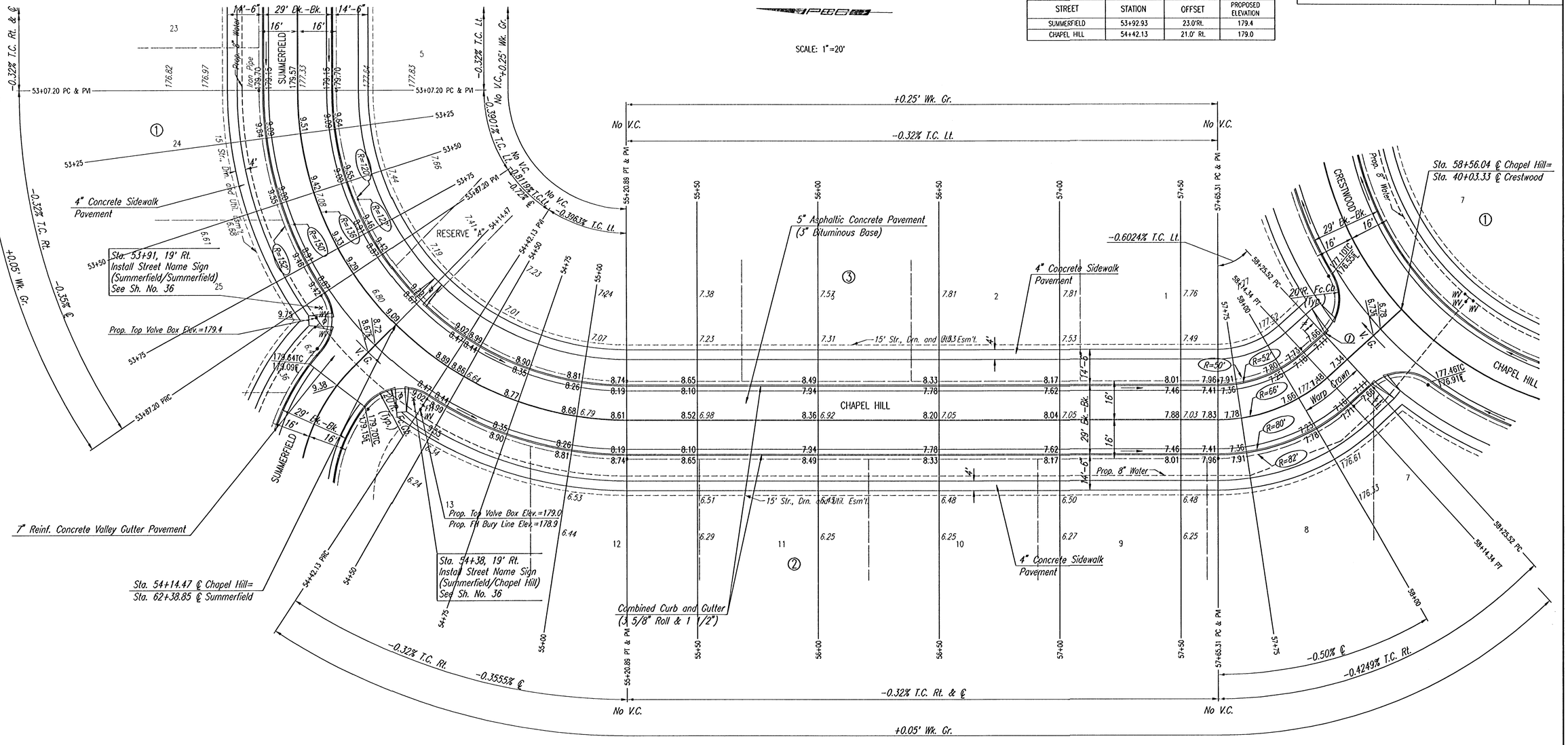
PROJECT NO.	SHEET NO.	TOTAL SHEETS
472-76-245-83077-000-000-001	11	60

WATER VALVE BOX ELEVATIONS			
STREET	STATION	OFFSET	PROPOSED ELEVATION
SUMMERFIELD	53+92.93	23.0' Rt.	179.4
CHAPEL HILL	54+42.13	21.0' Rt.	179.0

SCALE: 1"=20'



℄ CURVE DATA							
Δ=90°01'45" D=42°07'45" R=136.00' L=213.69' T=136.07' E=56.38'							
CURVE DATA BASED ON ℄ RADIUS Δ/2=45°00'52.5"							
℄ STATION	℄ ARC LENGTH	FACE CURB LENGTH		CHORD LENGTH		DEFLECTION ANGLE	℄ TOTAL DEFLECTION
		LEFT CURB	RIGHT CURB	8'OFF LEFT FACE CURB	8'OFF RIGHT FACE CURB		
53+07.20	———	———	———	———	———	0°00'00"	0°00'00"
53+25	17.80'	15.97'	19.63'	14.91'	20.67'	3°44'59"	3°44'59"
53+50	25.00'	22.43'	27.57'	20.93'	29.00'	5°15'59"	9°00'58"
53+75	25.00'	22.43'	27.57'	20.93'	29.00'	5°15'59"	14°16'56"
53+87.20	12.20'	10.94'	13.46'	10.22'	14.17'	2°34'12"	16°51'08"
54+14.47	27.27'	24.46'	———	22.82'	63.38'	5°44'40"	22°35'49"
54+42.13	27.66'	24.81'	———	23.15'		5°49'36"	28°25'25"
54+50	7.87'	7.06'	8.68'	6.60'	9.14'	1°39'28"	30°04'53"
54+75	25.00'	22.43'	27.57'	20.93'	29.00'	5°15'59"	35°20'52"
55+00	25.00'	22.43'	27.57'	20.93'	29.00'	5°15'59"	40°36'51"
55+20.89	20.89'	18.74'	23.04'	17.49'	24.25'	4°24'02"	45°00'52.5"
TOTAL	213.69'	191.70'	175.09'	Defl./ft.=12.639220 min.			

NOTE: THIS STREET TO BE CONSTRUCTED WITH ROLL-TYPE CURB. TOP OF CURB ELEVATIONS GIVEN ARE FOR FULL HEIGHT CURB.

℄ CURVE DATA							
Δ=42°33'29" D=88°48'42" R=66.00' L=49.03' T=25.70' E=4.83'							
CURVE DATA BASED ON ℄ RADIUS Δ/2=21°16'44.5"							
℄ STATION	℄ ARC LENGTH	FACE CURB LENGTH		CHORD LENGTH		DEFLECTION ANGLE	℄ TOTAL DEFLECTION
		LEFT CURB	RIGHT CURB	8'OFF LEFT FACE CURB	8'OFF RIGHT FACE CURB		
57+65.31	———	———	———	———	———	0°00'00"	0°00'00"
57+75	9.69'	7.63'	11.74'	6.45'	12.91'	4°12'20"	4°12'20"
58+00	25.00'	19.70'	30.30'	16.56'	33.13'	10°51'00"	15°03'20"
58+14.34	14.34'	11.29'	17.38'	9.54'	19.08'	6°13'25"	21°16'44.5"
TOTAL	49.03'	38.62'	59.42'	Defl./ft.=26.040010 min.			

℄ CONST. STD. WHEELCHAIR RAMP

5' TRANSITION FROM COMBINED CURB AND GUTTER (3 5/8" ROLL & 1 1/2") TO MONOLITHIC EDGE CURB (6 5/8"). TO BE BID AND PAID FOR AS "COMBINED CURB AND GUTTER (3 5/8" ROLL & 1 1/2")".

① STA. 58+25 INSTALL "FLAT SURVEY MARKER NO. 8134-08 3" TOP DIAMETER" BENCH MARK DISC

CHAPEL HILL ADDITION

SUMMERFIELD/CHAPEL HILL

STA. 53+07.20 TO STA. 58+56.04

Professional Engineering Consultants, P.A.
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316-262-2691 • FAX 316-262-3003

Designed by	BER, GDD	Checked by		
Drawn by	DEP, SAD	Date	JANUARY, 2001	Job No. 99127

11

DSNR: GDD OPER: DEP SCALE: 1=20.00
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