

BM #3: C.O.W. disc at west end of SW return adjacent to fire hydrant at Cavit & Burton, adjacent to E corner of Lot 24, Block C, Shadow Woods Addition
Elev. = 193.19 (City Datum)

Curve #4
Curve Data Based on Fc of Curb

Rad. = 300' Delta = 13° 29' 45" Tangent = 35.50'					
Arc = 70.65' L.C. = 70.50' Def/PT = 3.75072 Min.					
Station	Arc	FACE OF CHORD	CHORD LENGTHS	Defl.	T. Defl.
A	-	B' RL		0°00'00"	0°00'00"
B	23.55'	22.92'		2°14.57"	2°14.57"
C	23.55'	22.92'		2°14.57"	4°29.15"
D	23.55'	22.92'		2°14.57"	6°43.52"

Curve #5				
Curve Data Based on Fc of Curb				
Rad. = 300' Delta = 13° 29' 45" Tangent = 35.50'				
Arc = 70.65' L.C. = 70.50' Del/Pt. = 5.75072 Min.				
Station	Arc	FACE CHORD	LENGTHS	
E	-	B' Rt.	Defl.	T. Defl.
F	21.55'	24.18'	0°00'00"	0°00'00"
F	21.55'	24.18'	214°57'	214°57'
G	21.55'	24.18'	214°57'	429°55'
H	21.55'	24.18'	214°57'	644°52'

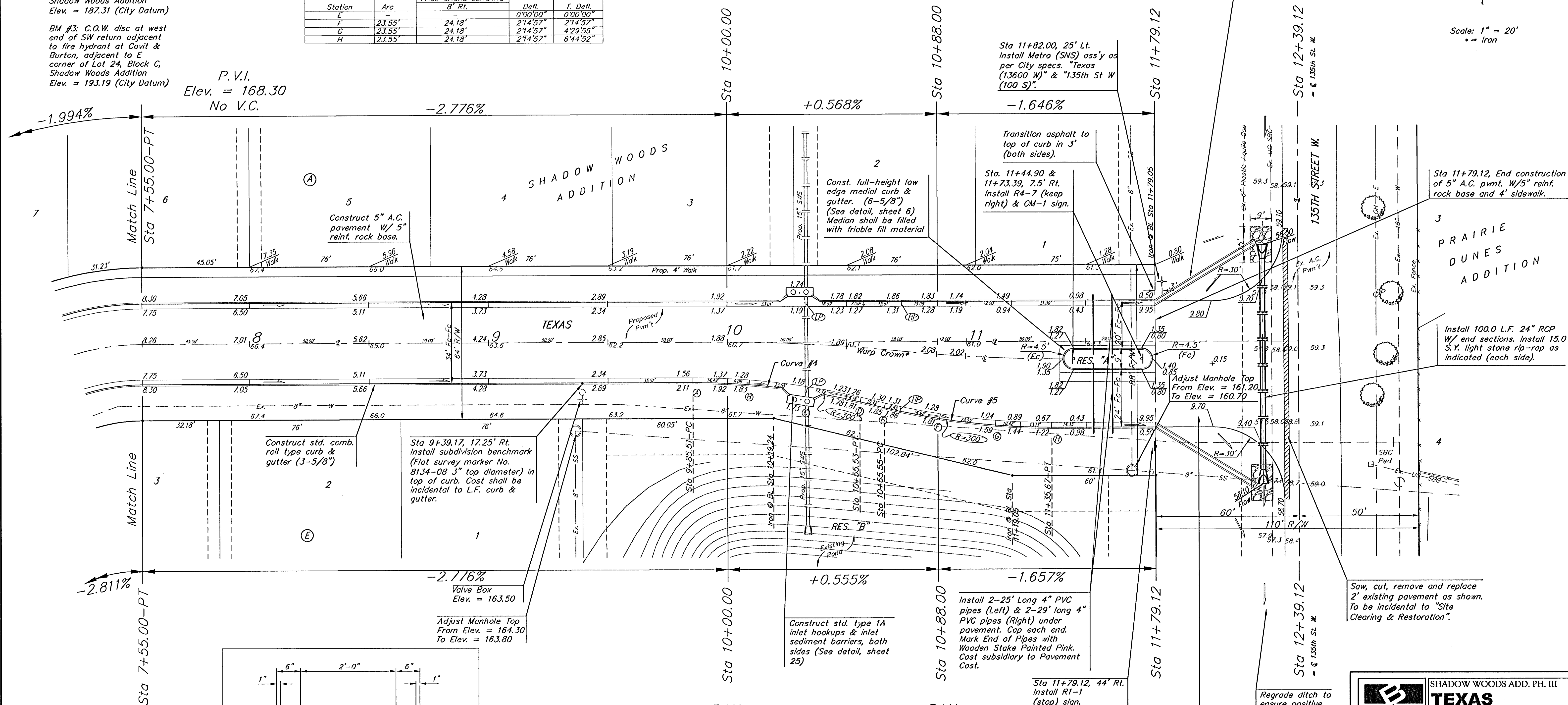
P.V.I.
Elev. = 168.30
No V.C.

P.V.I.
Elev. = 161.50
100' V.C.

P.V.I.
Elev. = 162.00
62' V.C.

Construct 50 L.F. Concrete Flume
(100 L.F. Total)(Both sides)
(See detail this sheet)
Cost of Concrete Flume to be
included in bid item "Site Clearing
& Restoration "

Scale: 1" = 20'



P.V.I.
Elev. = 168.30
No V.C.

P.V.I.
Elev. = 161.50
100' V.C.

P.V.I.
Elev. = 162.00
67.94' V.C.

Construct 5" A.C. mat
pavement W/ 5" reinf.
rock base.

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.

	SHADOW WOODS ADD. PH. III	
	TEXAS STA 7+55.00 TO STA 12+39.12	
Baughman Company, P.A. 315 Ella St. Wichita, KS 67211 F 3162627171 F 3162621049 ENGINEERING SURVEYING PLANNING LANDSCAPE ARCHITECTURE		
PROJECT NUMBER 412-83723	DESIGN	DRAWN TMS
REVISIONS	APPROVED	DATE 08/05
	SCALE Noted	
	SHEET 9 OF 39	
Shadow Woods Phase 3, Str 3		

*Warp crown shall conform to approximate center of pavement.