

BENCHMARKS:
BM #1: "X" Cut in top of curb, east
return of SE corner of Lotus &
Parkridge.
Elev. = 145.99 (City Datum)

BM #2: "X" Cut on walk at NW corner
of Lot 1, Block F, Flat Creek Addition
Elev. = 146.22 (City Datum)

BM #3: "X" Cut in top of curb at the
NW corner of Lot 1, Block B, Hunter's
Ridge Addition.
Elev. = 146.63 (City Datum)

Regrade as necessary
to provide for positive
drainage. (Both sides).
(Cost of Regrading to
be Included in Pipe
Cost).

Construct 25 L.F. Concrete
Flume Each Side as Shown.
(50 L.F. Total)
See Detail, This Sheet.

Curve #1					
Curve Data Based on Centerline					
Rad. = 150' Delta = 90° 00' 00" Tangent = 150.00'					
Arc = 235.62' L.C. = 212.13' Def/Ft. = 11.45864 Min.					
Station	Arc	8' Lt.	8' Rt.	Defl.	T. Defl.
3+90.87	—	—	—	0°00'00"	0°00'00"
4+00.00	9.13'	7.61'	10.65'	1°44'37"	1°44'37"
4+25.00	25.00"	20.81"	29.13"	4°46'28"	6°31'05"
4+50.00	25.00"	20.81"	29.13"	4°46'28"	11°17'33"
4+75.00	25.00"	20.81"	29.13"	4°46'28"	16°04'01"
4+81.92	6.92'	5.72'	8.07'	1°19'19"	17°23'19"
5+00.00	18.08'	15.06'	21.08'	3°27'10"	20°50'29"
5+25.00	25.00"	20.81"	29.13"	4°46'28"	25°36'57"
5+36.87	11.87'	9.89'	13.84'	2°16'01"	27°52'58"
5+50.00	13.13'	10.94'	15.31'	2°30'27"	30°23'25"
5+75.00	25.00"	20.81"	29.13"	4°46'28"	35°09'53"
6+00.00	25.00"	20.81"	29.13"	4°46'28"	39°56'21"
6+25.00	25.00"	20.81"	29.13"	4°46'28"	44°42'49"
6+26.50	1.50'	1.25'	1.75'	0°17'11"	45°00'00"

Scale: 1" = 20'
• = Iron

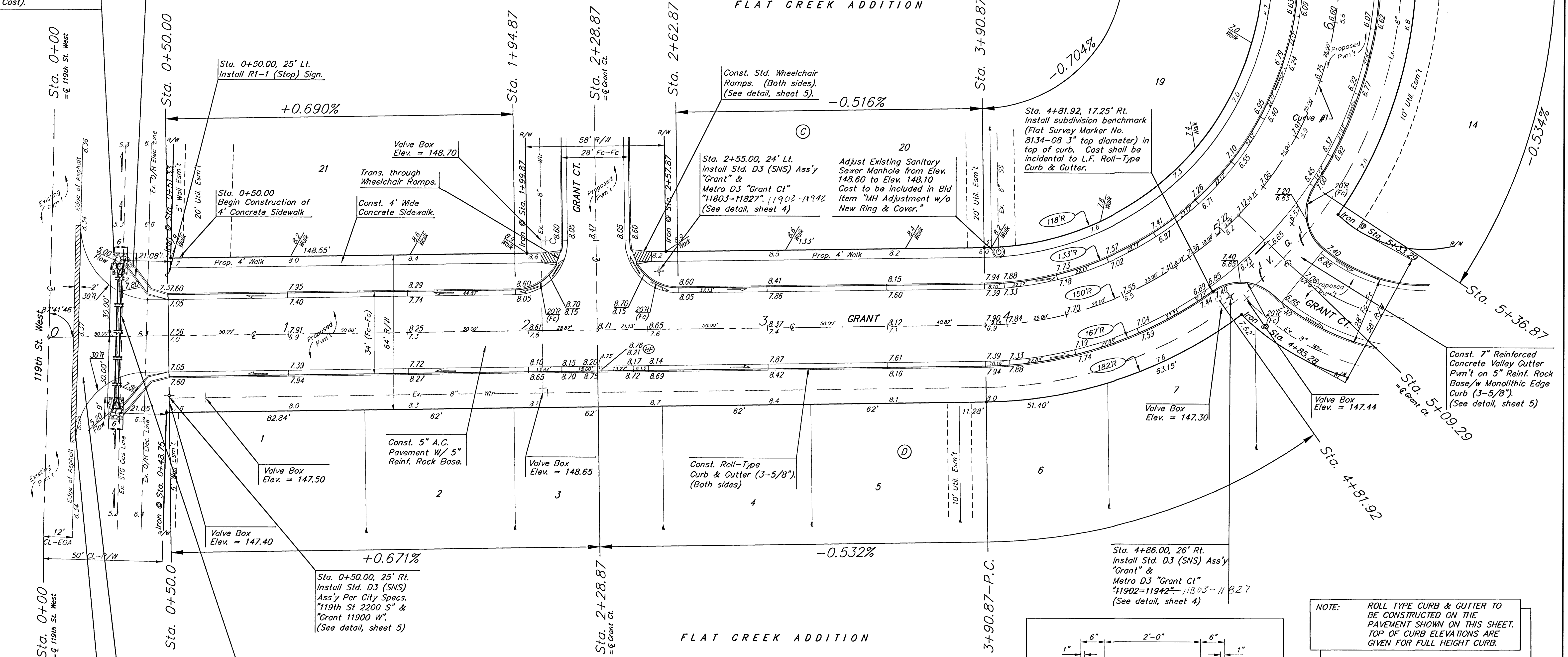
P.V.I.
Elev. = 146.47
NO V.C.

P.V.I.
Elev. = 146.47
NO V.C.

P.V.I.
Elev. = 147.94
NO V.C.

P.V.I.
Elev. = 147.94
NO V.C.

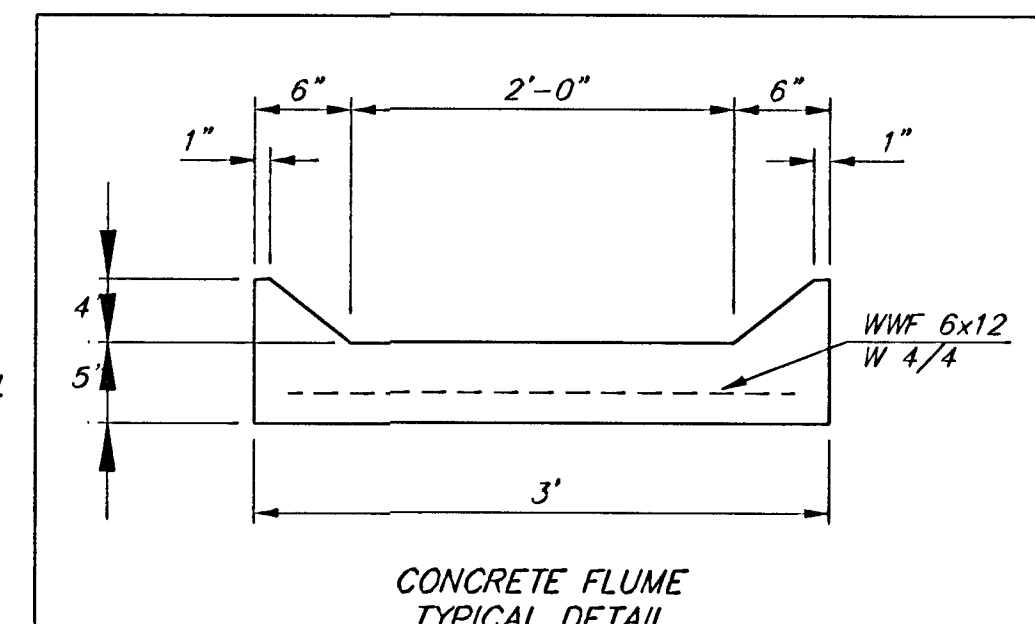
P.V.I.
Elev. = 148.80
30' V.C.



Saw, cut, remove &
replace 2" existing
surface course as
indicated. Cost shall
be Included in "R/W
Clearing and Site
Restoration".

Const. 5" A.C. Pavement
Hook-up on 5" Reinf.
Rock Base. Install 60.0
L.F. 18" RCP as shown.
Install 6 S.Y. Light Stone
Rip-Rap as Shown (Both
Sides.)

CAUTION! Seminole Transportation
and Gathering Gas Line.
Contractor to contact Roger
Phifer 316-253-2070 one week
prior to construction.



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.

FLAT CREEK ADDITION - PHASE II			
GRANT			
STA. 0+00 TO STA. 6+26.49			
BAUGHMAN COMPANY P.A.			
ENGINEERING, SURVEYING, & PLANNING			
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211			
PROJECT NUMBER 472-83384		SHEET 6	
DESIGN NBW	DRAWN ESB/CNX	APPROVED	DATE 8/21/02
SCALE NOTED		NOTED	

FlatCreek Ph2 S1