

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

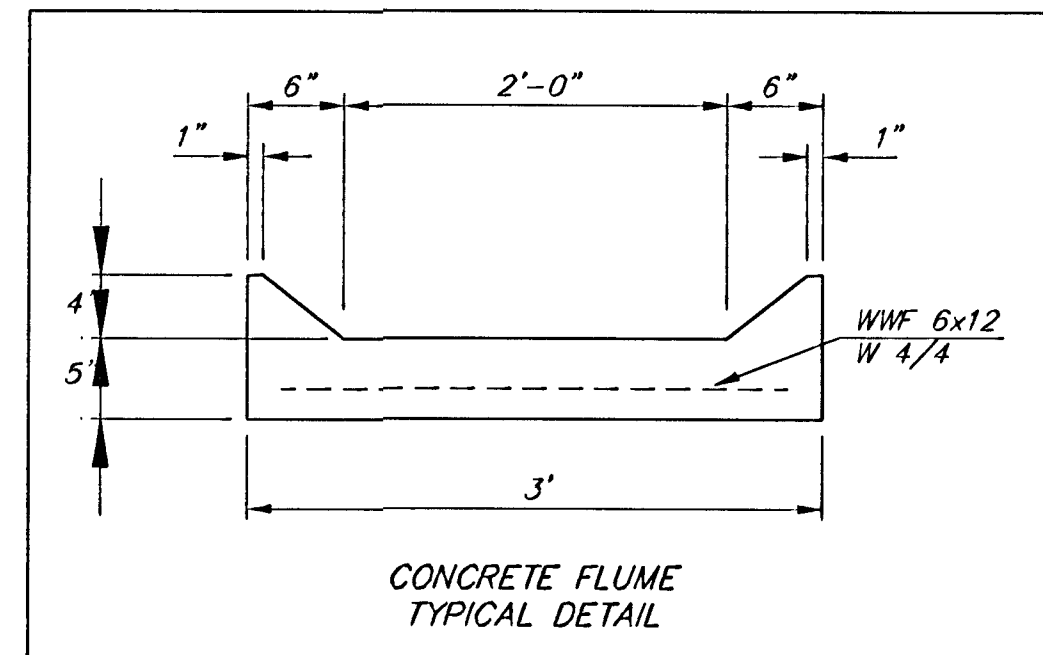
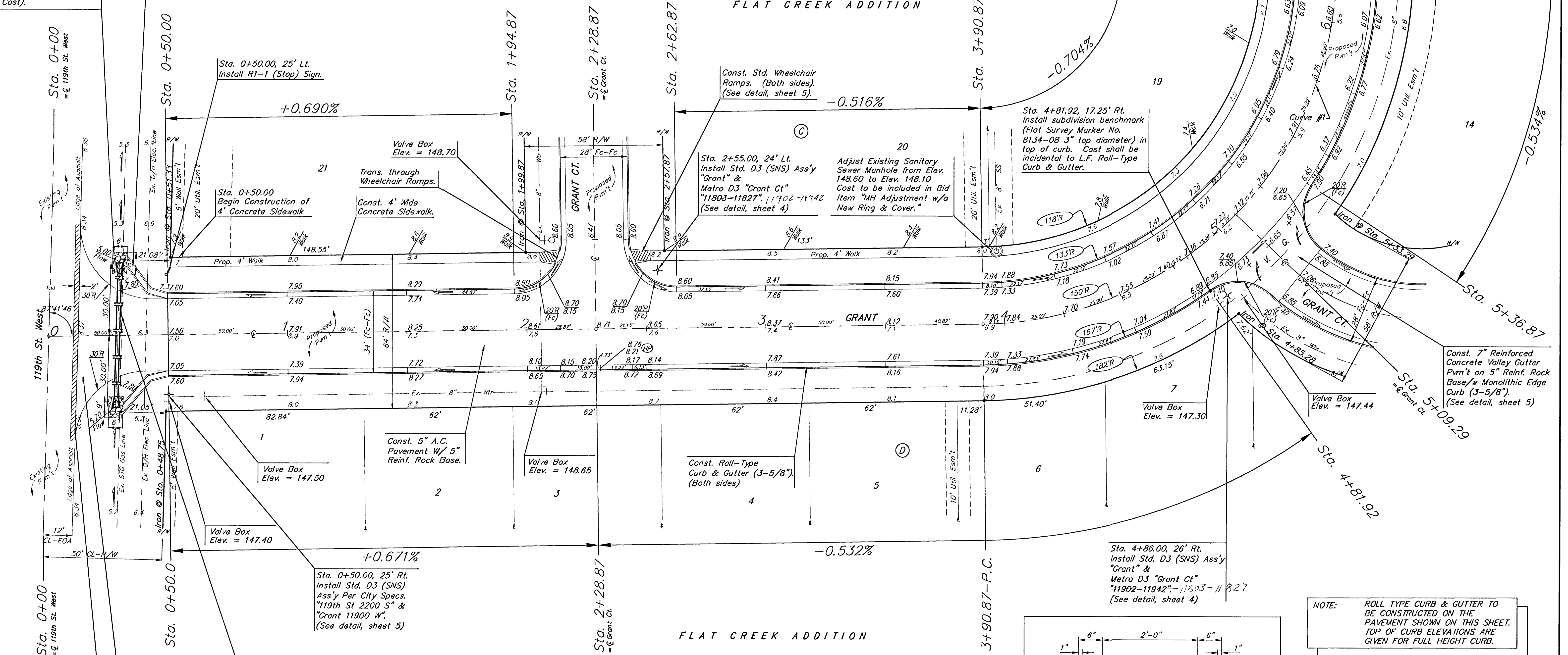
P.V.I.
Elev. = 146.47
NO V.C.

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.



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

DESIGN

NGW

DRAWN

ESB/CNX

APPROVED

DATE

8/21/02

SCALE

NOTED

SHEET

6

OF

43

FlatCreek Ph2 S1