

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

P.V.I.
Elev. = 145.50
40' V.C.

Scale: 1" = 20'
• = Iron

Adjust Existing Sanitary
Sewer Manhole from Elev.
147.10 to Elev. 146.60
Cost to be included in Bid
Item "MH Adjustment w/o
New Ring & Cover."

Sta. 9+00.00, 25' Lt.
Install Std. D3 (SNS) Ass'y
"Grant" & "Milstead"
(See detail, sheet 4)

Cut Curb and Construct Std. Wheelchair
Ramps. (Both sides). All costs to be included
in bid item "Wheelchair Ramp Construct."

Sta. 8+90.06, Remove
Existing End-of-Road signs
prior to construction. Cost
to be incidental to "Site
Clearing & Restoration".

Saw cut, remove, and
replace 2' existing
pavement as shown. To be
incidental to "Site Clearing
& Restoration"

Existing Subdivision Benchmark
to be replaced if damaged or
disturbed during construction.

Valve Box
Elev. = 146.60

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.

Curve #2 Curve Data Based on Centerline					
Rad. = 125' Delta = 37° 40' 32" Tangent = 42.65'					
Arc = 82.20' L.C. = 80.72' Def/Ft. = 13.75020 Min.					
Station	Arc	FACE CHORD LENGTHS		Defl.	T. Defl.
		8' Lt.	8' Rt.		
8+07.75	—	—	—	0°00'00"	0°00'00"
8+25.00	17.25'	20.68'	13.79'	3°57'11"	3°57'11"
8+50.00	25.00'	29.95'	19.97'	5°43'46"	9°40'57"
8+75.00	25.00'	29.95'	19.97'	5°43'45"	15°24'42"
8+99.95	14.95'	17.93'	11.95'	3°25'34"	18°50'16"

Street & Station	Location Description	Elevation
Grant Ct 0+37.00, 14.25' Lt.	Adjacent to Fire Hydrant at north end of West Curb return on Grant Ct. (Lots 20-30, Block C).	
Grant 4+81.92, 17.25' Lt.	Adjacent to Fire Hydrant at southwest end of South Curb return at Grant & Grant Ct.	
Golden Hills 0+37.2, 17.25' Lt.	Adjacent to Fire Hydrant on the north end of West Curb return on Lot 23, Block B.	
Golden Hills 6+01.00, 17.25' Rt.	Adjacent to Fire Hydrant at northeast end of North return on Golden Hills & Golden Hills Ct.	

FLAT CREEK ADDITION -PHASE II

GRANT

STA. 8+28.49 TO STA. 9+25.70

BAUGHMAN COMPANY P.A.

ENGINEERING, SURVEYING, & PLANNING

318-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER

472-83384

DESIGN NBW

DRAWN ESB/GNX

APPROVED

DATE 8/21/02

SCALE NOTED

SHEET 7 OF 43