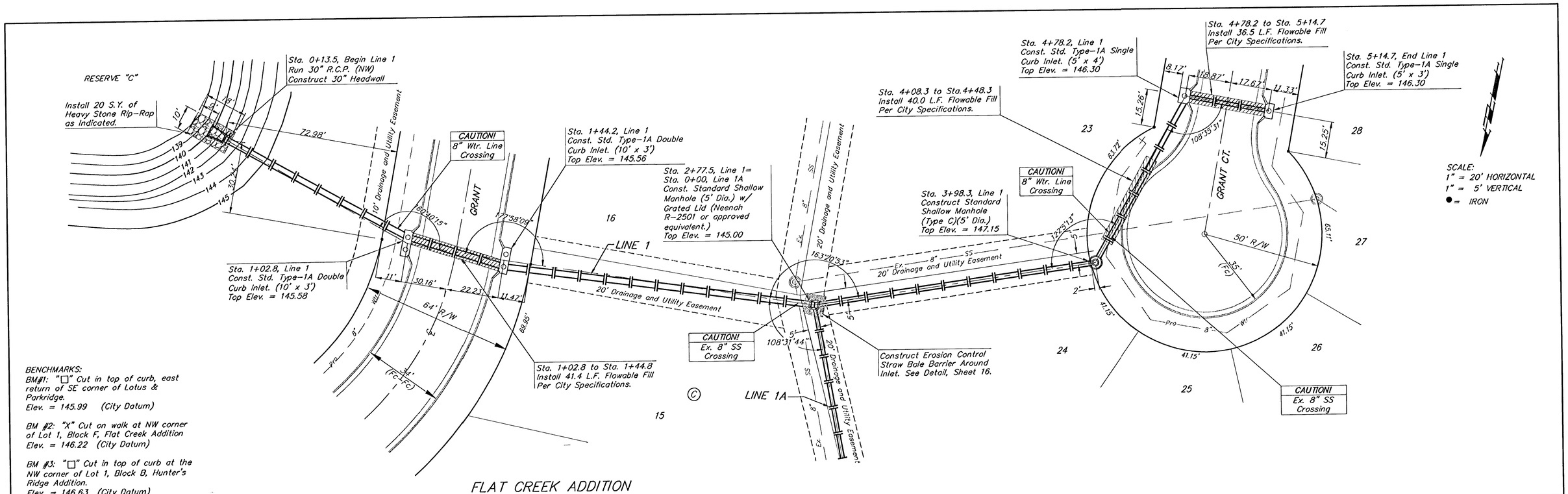
RESERVE "C"
Install 20 S.Y. of Heavy Stone Rip-Rap as Indicated.
Sta. 0+13.5, Begin Line 1 Run 30" R.C.P. (NW) Construct 30" Headwall
72.98'
10' Drainage and Utility Easement
CAUTION! 8" Wtr. Line Crossing
GRANT
Sta. 1+44.2, Line 1 Const. Std. Type-1A Double Curb Inlet. (10' x 3') Top Elev. = 145.56
Sta. 2+77.5, Line 1= Sta. 0+00, Line 1A Const. Standard Shallow Manhole (5' Dia.) w/ Grated Lid (Neenah R-2501 or approved equivalent.) Top Elev. = 145.00
Sta. 1+02.8, Line 1 Const. Std. Type-1A Double Curb Inlet. (10' x 3') Top Elev. = 145.58
LINE 1
20' Drainage and Utility Easement
Sta. 1+02.8 to Sta. 1+44.8 Install 41.4 L.F. Flowable Fill Per City Specifications.
CAUTION! Ex. 8" SS Crossing
LINE 1A
Construct Erosion Control Straw Bale Barrier Around Inlet. See Detail, Sheet 16.
Sta. 3+98.3, Line 1 Construct Standard Shallow Manhole (Type C)(5' Dia.) Top Elev. = 147.15
Sta. 4+08.3 to Sta. 4+48.3 Install 40.0 L.F. Flowable Fill Per City Specifications.
Sta. 4+78.2, Line 1 Const. Std. Type-1A Single Curb Inlet. (5' x 4') Top Elev. = 146.30
Sta. 4+78.2 to Sta. 5+14.7 Install 36.5 L.F. Flowable Fill Per City Specifications.
Sta. 5+14.7, End Line 1 Const. Std. Type-1A Single Curb Inlet. (5' x 3') Top Elev. = 146.30
GRANT CT.
50' R/W
SCALE: 1" = 20' HORIZONTAL 1" = 5' VERTICAL
● = IRON
FLAT CREEK ADDITION
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)
Static Pool = 141.70
Proposed Grade (This Contract)
Existing Grade
CAUTION! 8" Wtr. Line Crossing
CAUTION! Ex. 8" SS Crossing
83.3 L.F. 30" RCP @ +0.179%
41.4 L.F. 30" RCP @ +0.165
133.3 L.F. 30" RCP @ +0.158%
120.8 L.F. 24" RCP @ +0.944%
79.9 L.F. 24" RCP @ +0.213%
36.5 L.F. 18" RCP @ +0.301%
Install 41.4 L.F. Flowable Fill to Elev. = 143.00
Install 40.0 L.F. Flowable Fill to Elev. = 145.00
Install 36.5 L.F. Flowable Fill to Elev. = 144.50
LINE 1
FLAT CREEK ADDITION - PHASE II
LINE 1
STORM WATER IMPROVEMENTS
BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211
PROJECT NUMBER
DESIGN NBW
DRAWN ESB
APPROVED
DATE 7/15/02
SCALE NOTED
SHEET 14 OF 43