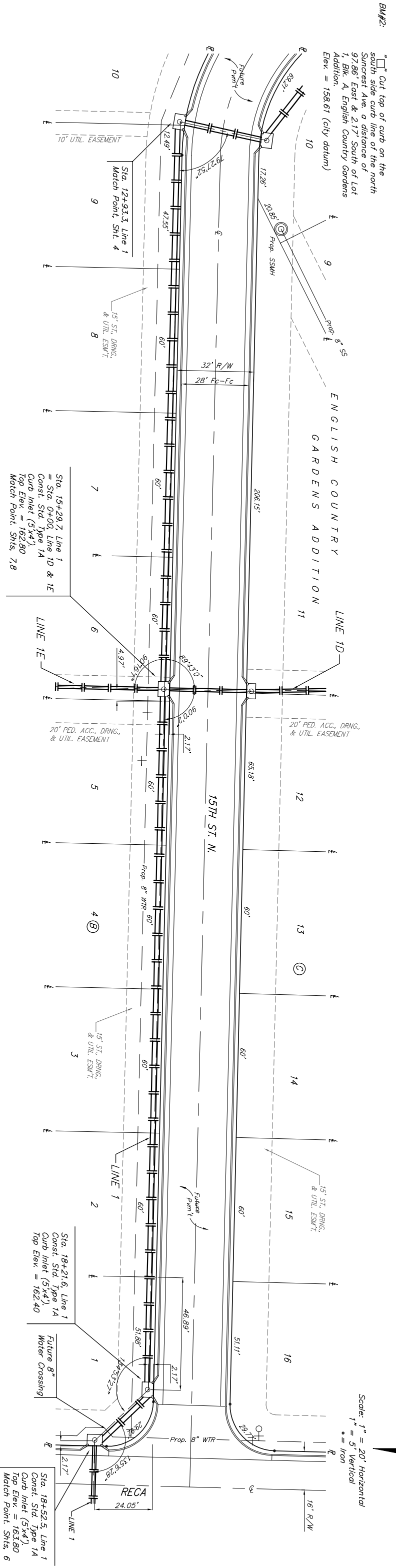


BM#1: \square Cut top of curb on the southeast top of curb return, 46.66' East and 19.46' South of the intersection of Thurman & Evergreen, Elev = 166.10 (city datum)

BM#2: \square Cut top of curb on the south side curb line of the north Suncrest Ave. a distance of 97.86' East & 2.17' South of Lot 1, Blk. A, English Country Gardens Addition, Elev = 158.61 (city datum)



Scale: 1" = 20' Horizontal
1" = 5' Vertical
● = Iron

12+93.3	13+00	13+50	14+00	14+50	15+00	15+29.7	15+50	16+00	16+50	17+00	17+50	18+00	
156.40 = Flow Out	156.50 = Flow In	156.51 = Flow	156.62 = Flow	156.72 = Flow	156.82 = Flow	156.92 = Flow	156.98 = Flow Out 157.08 = Flow In (24",W) 157.48 = Flow In (18",S) 157.73 = Flow In (15",N)	157.12 = Flow	157.22 = Flow	157.32 = Flow	157.42 = Flow	157.53 = Flow	157.63 = Flow
						Sta. 12+93.3, Line 1 Match Point, Sht. 4							Sta. 15+29.7, Line 1 = Sta. 0+00, Line 1D & 1E Const. Std. Type 1A Curb Inlet (5'x4') Top Elev. = 162.80 Match Point. Shts. 7,8
						Existing Grade							Proposed Grade
						236.4 L.F. 24" SMS @ +0.203%							291.9 L.F. 24" SMS @ +0.202%
						LINE 1							LINE 1
						Sta. 18+21.6, Line 1 Const. Std. Type 1A Curb Inlet (5'x4') Top Elev. = 162.40							Sta. 18+52.5, Line 1 Const. Std. Type 1A Curb Inlet (5'x4') Top Elev. = 163.80 Match Point. Shts. 6
						157.67 = Flow Out 157.77 = Flow In							157.84 = Flow Out 158.34 = Flow In
						30.9 L.F. 24" SMS @ +0.227%							
140	145	150	155	160	165	170	175	180	185	190	195	200	

ENGLISH COUNTRY GARDENS ADDITION
LINE 1
STORM WATER DRAIN IMPROVEMENTS

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER: 489-83756
SHEET: 5 OF 31

DRAWN: SCZ
APPROVED: SCZ
DATE: 02/04/04
SCALE: NOTED