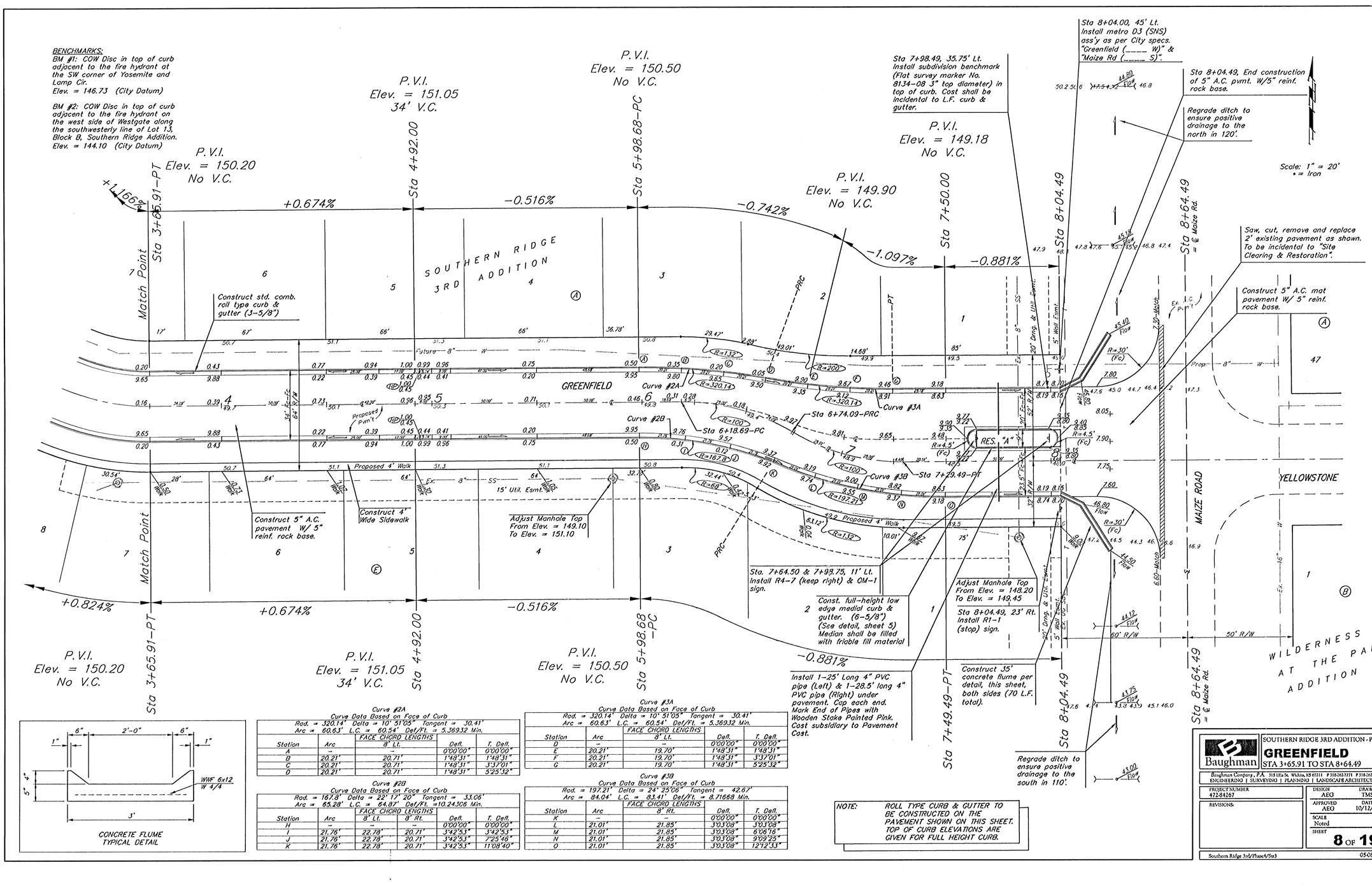
BENCHMARKS:

BM #1: COW Disc in top of curb adjacent to the fire hydrant at the SW corner of Yosemite and Lamp Cir.
Elev. = 146.73 (City Datum)

BM #2: COW Disc in top of curb adjacent to the fire hydrant on the west side of Westgate along the southwesterly line of Lot 13, Block B, Southern Ridge Addition.
Elev. = 144.10 (City Datum)



CONCRETE FLUME TYPICAL DETAIL

Curve #2A
Curve Data Based on Face of Curb
Rad. = 320.14' Delta = 10° 51'05" Tangent = 30.41'
Arc = 60.63' L.C. = 60.54' Def/Ft. = 5.36932 Min.

Station	Arc	FACE CHORD LENGTHS 8" Lt.	Defl.	T. Defl.
A	–	–	0°00'00"	0°00'00"
B	20.21'	20.71'	1°48'31"	1°48'31"
C	20.21'	20.71'	1°48'31"	3°37'01"
D	20.21'	20.71'	1°48'31"	5°25'32"

Curve #2B
Curve Data Based on Face of Curb
Rad. = 167.8' Delta = 22° 17' 20" Tangent = 33.06'
Arc = 65.28' L.C. = 64.87' Def/Ft. =10.24306 Min.

Station	Arc	FACE CHORD LENGTHS 8" Lt.	8" Rt.	Defl.	T. Defl.
H	–	–	–	0°00'00"	0°00'00"
I	21.76'	22.78'	20.71'	3°42'53"	3°42'53"
J	21.76'	22.78'	20.71'	3°42'53"	7°25'46"
K	21.76'	22.78'	20.71'	3°42'53"	11°08'40"

Curve #3A
Curve Data Based on Face of Curb
Rad. = 320.14' Delta = 10° 51'05" Tangent = 30.41'
Arc = 60.63' L.C. = 60.54' Def/Ft. = 5.36932 Min.

Station	Arc	FACE CHORD LENGTHS 8" Lt.	Defl.	T. Defl.
D	–	–	0°00'00"	0°00'00"
E	20.21'	19.70'	1°48'31"	1°48'31"
F	20.21'	19.70'	1°48'31"	3°37'01"
G	20.21'	19.70'	1°48'31"	5°25'32"

Curve #3B
Curve Data Based on Face of Curb
Rad. = 197.21' Delta = 24° 25'06" Tangent = 42.67'
Arc = 84.04' L.C. = 83.41' Def/Ft. = 8.71668 Min.

Station	Arc	FACE CHORD LENGTHS 8" Rt.	Defl.	T. Defl.
K	–	–	0°00'00"	0°00'00"
L	21.01'	21.85'	3°03'08"	3°03'08"
M	21.01'	21.85'	3°03'08"	6°06'16"
N	21.01'	21.85'	3°03'08"	9°09'25"
O	21.01'	21.85'	3°03'08"	12°12'33"

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.

Baughman

SOUTHERN RIDGE 3RD ADDITION - PH IV
GREENFIELD
STA 3+65.91 TO STA 8+64.49

Baughman Company, P.A. 315 Ella St. Wichita, KS 67211 P 316.265.7271 F 316.265.0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER 472-84267
REVISIONS:
DESIGN AEG
DRAWN TMS
APPROVED AEG
DATE 10/12/05
SCALE Noted
SHEET **8 OF 19**

Southern Ridge 3rd/Phase4/Str3 0508-E314