BENCHMARK:
Hoover & 47th Street South –
City of Wichita Benchmark Disc,
NE. corner of intersection,
21.60' N. of ℄ 47th St. S.
71.50' E. of ℄ Hoover
73.60' ENE. of Sec. Cor.
5.90' W. of Power Pole
Elev. = 103.06 City Datum
(1290.46 NGVD)

Hoover & MacArthur –
City of Wichita Benchmark Disc,
NE. corner of intersection,
41.60' N. of ℄ MacArthur
69.00' E. of ℄ Hoover
20.00' E. of Guy Pole
79.80' NE. of Sec. Cor.
Elev. = 121.22 City Datum
(1308.62 NGVD)

Sta 3+85.9, Line 1
Construct Std. Type 1A
Inlet (10'x4').
1 – 24" Stub (N)
Top Elev. = 109.20

Sta 3+85.9 to Sta 4+27.7
Install 41.8 L.F. Flowable
Fill per City specs.

Sta 4+27.7, Line 1
Construct Std. Type 1A
Inlet (10'x3').
Top Elev. = 109.20

Sta 5+23.2, Line 1
Construct Std. Type 1A
Inlet (10'x4').
Top Elev. = 109.70

Sta 5+23.2 to Sta 5+65.0
Install 41.8 L.F. Flowable
Fill per City specs.

Sta 0+00, Line 1
Begin construction of
36" RCP w/ end
section. Install 40.0
S.Y. Heavy Stone
Rip-rap as indicated.

Sta 5+65.0, End Line 1
Construct Std. Type 1A
Inlet (10'x3').
Top Elev. = 109.70

GRAY'S 5TH ADDITION

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

CAUTION!
Ex. 8" Water
Crossing

RESERVE "A"

5' Wall Esmt.
20' Drng. & Util. Esmt.
20' Util. Esmt.
Util. Esmt.
(By Sep. Inst.)
Ex. 8" W
44TH ST. S.
Future Pvm't
Proposed Pvm't
34' Mac-Fc
84' R/W
Future 4' Walk
Prop. 4' Walk
64' R/W
DORIS
LINE 1
168°50'26"
175°51'8"

13 14 15 16 36 35 12

Existing Grade
Proposed Grade
Install 184' L.F. Protective Fill
Install 41.8 L.F. Flowable Fill to Elev. = 107.00
Install 41.8 L.F. Flowable Fill to Elev. = 108.00
385.9 L.F. 36" RCP @ +0.124%
41.8 L.F. 24" RCP @ +2.967%
95.5 L.F. 24" RCP @ +0.440%
41.8 L.F. 18" RCP @ +0.431%
Flow Out (E)
Flow In (N)
Flow In (N)
Flow In (N)
Flow Out (E)
Flow In (N)
Flow Out (E)
Flow In (N)
Flow
Sta 3+85.9, Line 1 Construct Std. Type 1A Inlet (10'x4'). 1 – 24" Stub (N) Top Elev. = 109.20 @ Doris
Sta 4+27.7, Line 1 Construct Std. Type 1A Inlet (10'x3'). Top Elev. = 109.20
Sta 5+23.2, Line 1 Construct Std. Type 1A Inlet (10'x4'). Top Elev. = 109.70
℄ 44th St. S.
Sta 5+65.0, End Line 1 Construct Std. Type 1A Inlet (10'x3'). Top Elev. = 109.70
101.58 101.64 101.70 101.77 101.83 101.89 101.95 102.01 102.06 103.06 102.16 103.48 104.30 104.40 104.50 104.72 104.82 105.32 105.50
0+00 0+50 1+00 1+50 2+00 2+50 3+00 3+50 3+85.9 4+00 4+27.7 4+50 5+00 5+23.2 5+65.0
110 105 100 95

GRAY'S 5TH ADDITION - PHASE 1

LINE 1

STORM WATER SEWER IMPROVEMENTS

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

PROJECT NUMBER				SHEET
472-83552				11 OF 23
DESIGN	DRAWN	APPROVED	DATE	SCALE
NBW	TMS/CNX		06/02	Noted

01-12-F196
Grav5\Sht01