Existing ditch shall be graded to drain to existing 8'x5' RCBC (approx. 500' south). Ditch does not currently drain completely.

Sta 0+00, Begin Line 1
1 – 48" RC Headwall
73.3 S.Y. light stone rip-rap per city specs.

CAUTION! Ex. UG SBC Crossing

Sta 1+12.7 to Sta 4+70.4
Install 357.7 L.F. sand backfill flush & vibrate to within 15" of top of pavement.

Sta 3+00.4, Line 1 = Sta 0+00, Line 1A
Construct RC City manhole (7'0"x7'0") with grated lid (Neenah R-2501 or equivalent).
12.0 L.F. 24" RCP.
Connect to existing 24" RCP.
Top Elev. = 237.30

Sta 4+98.6, End Line 1 = Sta 0+00, Line 1B
Remove existing 48" RC headwall and construct RC City manhole (7'0"x7'0").
Connect existing 48" RCP to new inlet.
Top Elev. = 235.50

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

Lot 5 | Lot 6 | Lot 28 | Lot 29

LINE 1 | LINE 1A | LINE 1B

Ex. UG SBC | SBC Ped | Ex. 24" SWS | Ex. 48" SWS | Ex. 36" SWS | Ex. 12" W

Ex. 8" SS | Ex. 8" SS

84' Drainage Easement | 20' Utility Easement

Comotara Industrial park Fifth Addition

Comotara Industrial park Fourth Addition

35TH STREET N.

70' R/W

Ex. A.C. Pvm't | Proposed Pvm't

105°42'53" | 74°18'46" | 45°34'47" | 59°30'52"

1.68' | 7.60' | 0.7' | 4.93' | 203.15'

Construct std. drop inlet (2'x4') Top Elev. = 232.30 Install Sediment Barrier

BENCHMARK:

#1 City of Wichita Bench Mark at Webb Road and 37th Street North, Northwest corner of intersection. 53.00 Ft. North of center line and 38.00 Ft. West of center line.
Elev. = 1414.92 M.S.L.
Elev. = 227.52 City Datum

#2 Railroad Spike Set In The South Face of Power Pole, 80.60' West and 7.13 North of Northwest Corner of Lot 6, Comotara Industrial Park 4th Addition, Wichita, Sedgwick County, Kansas.
Elev. = 1424.69 M.S.L.
Elev. = 237.29 City Datum

240 | 235 | 230 | 225

Sta 0+00, Begin Line 1
1 – 48" RC Headwall
73.3 S.Y. heavy stone rip-rap per city specs.

113 L.F. protective fill

357.7 L.F. sand backfill, flush & vibrate to within 15" of top of pavement.

Existing Grade

CAUTION! Ex. UG SBC Crossing. DEPTH UNKNOWN.

300.4 L.F. 48" RCP @ +0.166%

LINE 1

198.2 L.F. 48" RCP @ +0.500%

227.50 = Flow
227.67 = Flow
227.75 = Flow
227.83 = Flow
227.92 = Flow
228.00 = Flow Out (S)
228.76 = Flow In (N)
231.00 = Flow In (SE)
229.68 = Flow In (NW)
228.38 = Flow
228.66 = Flow
228.94 = Flow
229.37 = Flow Out (S)
229.24 = Flow In (N)
231.60 = Flow In (SW)

7.60' | 1.68' | 4.93' | 7.54' | 0.7'

0+00 | 0+50 | 1+00 | 1+50 | 2+00 | 2+50 | 3+00.4 | 3+50 | 4+00 | 4+50 | 4+98.6

Proposed Grade (By Others)

41 L.F. protective fill

Sta 4+98.6, End Line 1 = Sta 0+00, Line 1B
Removal existing 48" RC headwall and construct RC City manhole (7'0"x7'0").
Connect existing 48" RCP to new inlet.
Top Elev. = 235.50

Construct std. drop inlet (2'x4') Top Elev. = 232.30

Existing Grade

Proposed Grade (By Others)

228.64 = Flow

0+00

As built 12/1/06 KV

Baughman

MICHAELIS WAREHOUSE
LINE 1
STORM WATER SEWER IMPROVEMENTS

Baughman Company, P.A. 115 Elk St. Wichita, KS 67211 P 316.262.2221 F 316.262.0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER 1701 PPS (607861)

REVISIONS:

DESIGN LU | DRAWN TMS/__
APPROVED LU | DATE 09/06
SCALE Noted
SHEET **2** OF **10**

Comotara-MichaelisWhse\SWS1 05-12-E431