MH 1-1
STA 10+05.57 LINE 1
CONSTRUCT STD. TYPE P MH, D=5.0'
WITH BOLTED AND GASKETED LID OVER
EXISTING 18" PIPE
TOP ELEV. = 1287.70
1 - 24" STUB NW
**CONTRACTOR TO SET FL OUT ELEVATION OF
STUB 0.1' LOWER THAN EXISTING 18" MAIN FL.

MH 1-2
STA 12+86.61 LINE 1
CONSTRUCT OUTSIDE DROP MH, D=5.0'
WITH BOLTED AND GASKETED LID
TOP ELEV. = 1292.40
1 - 8" STUB (S)

MH 1-3
STA 14+51.29 LINE 1
CONSTRUCT OUTSIDE DROP MH, D=5.0'
WITH BOLTED AND GASKETED LID
TOP ELEV. = 1289.50
1 - 8" STUB (S)

100 YEAR FEMA FLOODPLAIN

100' TEMPORARY
CONSTRUCTION EASEMENT
(BY SEPARATE INSTRUMENT)

MH 1-5
STA 19+18.76 LINE 1
CONSTRUCT STD. TYPE P MH, D=5.0'
WITH BOLTED AND GASKETED LID
TOP ELEV. = 1290.10

MH 1-6
STA 21+94.81 LINE 1
CONSTRUCT STD. TYPE P MH, D=5.0'
WITH BOLTED AND GASKETED LID
TOP ELEV. = 1291.30

FEMA FLOODWAY BOUNDARY

Whispering Lakes
Estates Addition

Waleah L. Albright
Rev. Trust

Arbor Lakes Estates

91.53'
80.44'
82.64'
74.62'
118.80'
89°49'19"
89°53'47"
157°24'14"
171°27'29"
110°10'2"
125°22'21"
122°10'44"

20' UTIL. ESMT.
20' UTIL. ESMT.

20' UTILITY EASEMENT
(BY SEPARATE INSTRUMENT)

TEMPORARY CONSTRUCTION
EASEMENT
(BY SEPARATE INSTRUMENT)

30' UTILITY EASEMENT
(BY SEPARATE INSTRUMENT)

MH 1-4
STA 17+44.49 LINE 1
CONSTRUCT STD. TYPE P MH, D=5.0'
WITH BOLTED AND GASKETED LID
TOP ELEV. = 1290.40

TRIM AND REMOVE TREES ONLY AS
NECESSARY TO CONSTRUCT SANITARY
SEWER LINE. SUBSIDIARY TO BID ITEM
FOR "SITE CLEARING AND RESTORATION".

TRIM AND REMOVE TREES ONLY AS
NECESSARY TO CONSTRUCT SANITARY
SEWER LINE. SUBSIDIARY TO BID ITEM
FOR "SITE CLEARING AND RESTORATION".

Ex. 48" SWS
Ex. Gas Line
S
83°56'45"
83°56'45"
88°3'15"
Existing 12" Water main
Existing 48"-SS-Main

EXISTING POND

SCALE 1" = 40' HORIZ.
1" = 5' VERT.
IRON = •

Ruggles & Bohm, P.A.
Engineering, Surveying, Land Planning
(316) 264-6005
Fax (316) 264-6006
E-mail: info@rbkansas.com

LINE 1

STA 10+05.57 LINE 1
CONSTRUCT STD. TYPE P MH, D=5.0'
WITH BOLTED AND GASKETED LID OVER
EXISTING 18" PIPE
1 - 24" STUB NW

STA 12+86.61 LINE 1
CONSTRUCT STD TYPE P MH,
D=5.0' W/ GASKETED LID (1-2)

STA 14+51.29 LINE 1
CONSTRUCT STD TYPE P MH,
D=5.0' W/ GASKETED LID (1-3)

STA 17+44.49 LINE 1
CONSTRUCT STD TYPE P MH,
D=5.0' W/ GASKETED LID (1-4)

STA 19+18.76 LINE 1
CONSTRUCT STD TYPE P MH,
D=5.0' W/ GASKETED LID (1-5)

STA 21+94.81 LINE 1
CONSTRUCT STD TYPE P MH,
D=5.0' W/ GASKETED LID (1-6)

EXISTING GRADE =
PROPOSED GRADE

Existing Gas 4" Plastic
Existing 12" Water
48" SWS
FL = 1284.07

1295
1290
1285
1280
1275
1270

281.04 L.F. 24" @ 0.15%
164.68 L.F. 24" @ 0.15%
293.20 L.F. 24" @ 0.15%
174.27 L.F. 24" @ 0.15%
276.05 L.F. 24" @ 0.15%

1277.13 18" FL
1277.03 24" STUB FL OUT
1277.58 FL IN (24")
1277.65 FLOW
1277.72 FLOW
1277.80 FLOW
1277.88 FLOW
1277.95 FLOW
1278.01 FL OUT (NE)
1284.00 8" SUTB FL IN (S)
1278.11 FL IN (SW)
1278.21 FLOW
1278.28 FLOW
1278.36 FL OUT (NE)
1281.50 8" SUTB FL IN (S)
1278.46 FL IN (W)
1278.53 FLOW
1278.61 FLOW
1278.68 FLOW
1278.76 FLOW
1278.83 FLOW
1278.90 FL OUT (SE)
1279.00 FL IN (SW)
1279.08 FLOW
1279.16 FLOW
1279.23 FLOW
1279.26 FL OUT (NE)
1279.36 FL IN (SW)
1279.41 FLOW
1279.48 FLOW
1279.56 FLOW
1279.64 FLOW
1279.71 FLOW
1279.78 FL OUT (NE)
1279.88 FL IN (SW)

10+05.57 10+50 11+00 11+50 12+00 12+50 12+86.61 13+50 14+00 14+51.29 15+00 15+50 16+00 16+50 17+00 17+44.49 18+00 18+50 19+00 19+18.76 19+50 20+00 20+50 21+00 21+50 21+94.81

REVISED
DRAWN MLP
DESIGN EJG
DATE May. 10, 2007
UTILITY
REVIEW
PROJECT NUMBER 468-84240
DRAWING FILE ENG BASE {1A}
RB JOB 2973X
SHEET 3 OF 3
20

SOUTHEAST INTERCEPTOR
Sanitary Sewer
WICHITA, KANSAS