CITY OF WICHITA
37TH STREET NORTH
STORM WATER DRAINAGE

INDUSTRIAL AIR CENTER ADD.

RESERVE "B"

STA. 10+95.75 LINE 1
CONST. REINFORCED CONCRETE MANHOLE
L=6'-6" W=6'-6"
INLET TOP=226.50
FL. IN=220.78
FL. OUT=220.78

11.78'

20' UTILITY EASEMENT

LINE 1
48" RCP

142°46'29"

LIMITS OF TREE REMOVAL
15' OFF C/L OF LINE1

STA. 9+28.00
INSTALL 48" RCP
END SECTION
& TOE WALL
FL. IN=217.50

INSTALL 31 S.Y. LIGHT
STONE RIP-RAP
20'Lx14'Wx1'D
LAKE BOTTOM=217.50

16.34'

180°0'0"

19.68'

℄ 20' UTILITY EASEMENT

20' DRAINAGE EASEMENT

LINE 1
42" RCP

90°3'29"

22.27'

20' DRAINAGE EASEMENT

STA. 13+38.69
CONST. REINFORCED CONCRETE INLET
L=4'-0" W=6'-4"
PROVIDE W/ SEDIMENT BARRIER
INLET TOP=227.36
FL. IN=222.57
FL. OUT=222.03
SEE DETAIL SHEET 5

STA. 15+54.68
M.H. TOP=228.70
FL. IN=223.67
FL. OUT=223.67

℄ 20' UTILITY ESMT.

2 3 5 6 7

PLAN - LINE 1

SCALE: 1"=20'

PROFILE - LINE 1

SCALE: HORIZ.1"=20'
SCALE: VERT.1"=5'

STA. 9+28.00
48" END SECTION

FL. OUT=217.5

STA. 10+95.75
M.H. TOP=226.50

EX. U.G. ELEC.

EX. 8" SAN.
FL.=219.12

FL. OUT=220.78 (48"RCP-N.E.)
FL. IN=220.78 (48"RCP-W.)

EXIST. GROUND ON CL. OF PIPE

EX. U.G. ELEC.

STA. 13+38.69
INLET TOP=227.36

FL. OUT=222.03 (48"RCP-E.)
FL. IN=222.57 (42"RCP-W.)

PROVIDE 1 FOOT COVER MIN. OVER PIPE
10:1 SIDE SLOPES

WATER
ELEV.=221.5

167.75 LF OF 48" RCP @ 2.0%

242.94 LF OF 48" RCP @ 0.51%

215.99 LF OF 42"RCP @ .51%

218.91 221.32 222.84 222.88 223.39

230 225 220 215 210

10 11 12 13 14 15

95114_D1

H:\CIVIL\95114\SHEETS\114_D1 Tue Oct 29 22:28:29 1996