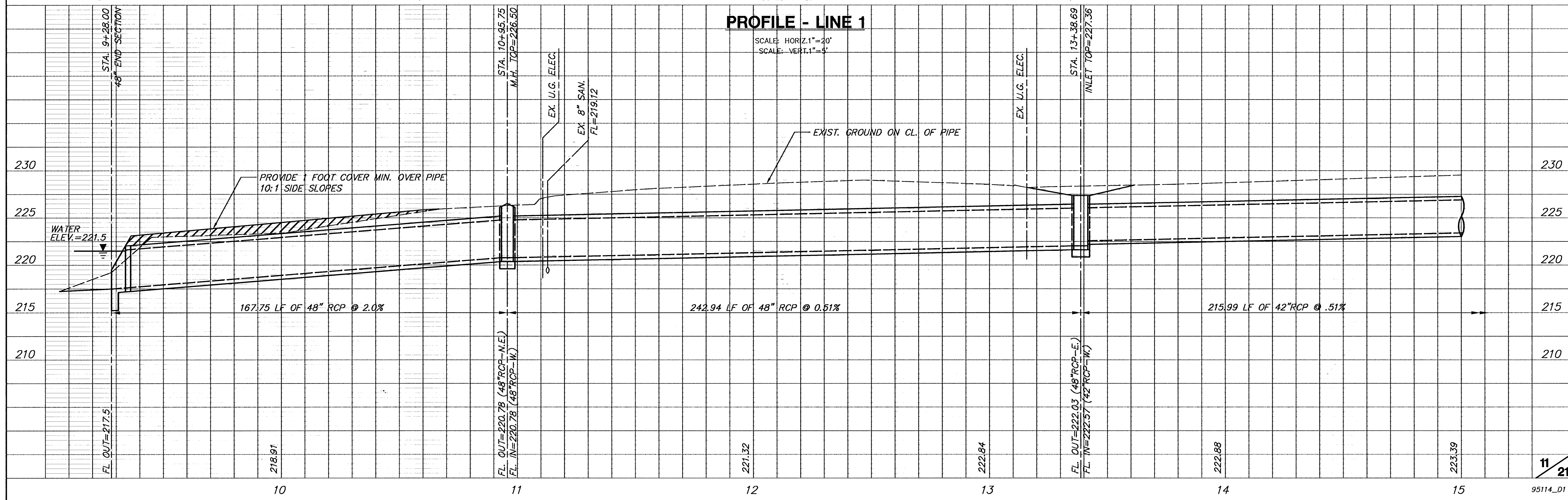


PLAN - LINE 1

SCALE: 1"=20'



PROFILE - LINE 1

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

INDUSTRIAL AIR CENTER ADD.

CITY OF WICHITA
37TH STREET NORTH
STORM WATER DRAINAGE

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

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

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

LINE 1
48" RCP

LINE 1
48" RCP

LINE 1
42" RCP

LINE 1
42" RCP

STA. 9+28.00
48" END SECTION
FL. OUT=217.5

STA. 10+95.75
M.H. TOP=226.50
FL. OUT=220.78 (48" RCP-N.E.)
FL. IN=220.78 (48" RCP-W.)

STA. 13+38.69
INLET TOP=227.36
FL. OUT=222.03 (48" RCP-E.)
FL. IN=222.57 (42" RCP-W.)

167.75 LF OF 48" RCP @ 2.0%

242.94 LF OF 48" RCP @ 0.51%

215.99 LF OF 42" RCP @ .51%

10

11

12

13

14

15

11
21

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