AREA K – 3RD. STREET
PLAN & PROFILE CHANNEL
PROJ. NO. 468-82520

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

SMYTH'S SUBDIVISION
ROACH'S SUBDIVISION
OLIVER & BLACKWELDER'S TIFFANY'S SUBDIVISION
HENRY TOCKHORN'S SUBDIVISION
OLIVER & BLACKWELDER'S OF TIFFANY'S SUBDIVISION

SPRUCE STREET
GROVE
POPLAR AVENUE
3RD STREET

CHANNEL STA. 16+50
MATCH LINE

CONST. 105 L.F. RETAINING WALL SEE SHEET 53 FOR DETAILS

STA. 17+55 TO 17+82 OPPOSITE OF SIDEWALK CONST. 29.5 L.F. OF DECOR. RETAINING WALL (H = 1') SEE SHT. 53 FOR DETAILS

CONST. 130 L.F. RETAINING WALL SEE SHEET 53 FOR DETAILS

CHANNEL STA. 19+61.14 BEGIN TRANSITION FROM 8' TO 12' BOTTOM WIDTH

CHANNEL STA. 19+86.14 END TRANSITION FROM 8' TO 12' BOTTOM WIDTH

CHANNEL STA. 20+45.47
PROPOSED 12'X8'X118.67' RCB

CHANNEL STA. 21+04.81 BEGIN TRANSITION FROM 12' TO 8' BOTTOM WIDTH

CHANNEL STA. 21+29.81 END TRANSITION FROM 12' TO 8' BOTTOM WIDTH

CONST. 160 L.F. RETAINING WALL SEE SHEET 53 FOR DETAILS

CHANNEL PC STA. 21+97.64
31+94.78 @ 50' LT.

CHANNEL STA. 22+26.94 @ 42' LT.

CONST. 130 L.F. RETAINING WALL SEE SHEET 53 FOR DETAILS

Δ = 33°00'41"
R = 89.39'
T = 26.49'
L = 51.50'

654.80'

N88°38'55"E

BASELINE

EXISTING 4-10'X4' RCBB

NOTE
- CONSTRUCTION OF SANITARY SEWER SEE SHEET 4-10
- CONSTRUCTION OF STORM WATER SEWER SEE SHEET 11-15
- CONSTRUCTION OF PAVED CUL-DE-SACS SEE SHEET 24-33
- CONSTRUCTION OF SIDEWALK/PATHWAY SEE SHEET 34-40
- CONSTRUCTION OF PEDESTRIAN BRIDGE SEE SHEET 41-42
- INSTALLATION OF LANDSCAPE SEE SHEET 43-49

PLAN CHANNEL

PROFILE CHANNEL

EXISTING GROUND
100 YR. STORM WATER SURFACE
PROPOSED CHANNEL BOTTOM

326.12 L.F. 8' BOTTOM WIDTH CHANEL @ 0.20% SLOPE, SIDE SLOPE VARIES

25 L.F. CHANNEL @ 0.20%

PROPOSED 12'X8'X118.67' RCB

25 L.F. CHANNEL @ 0.20%

82.92 L.F. 8' BTM. WIDTH CHANNEL @ 0.20% SLOPE, SIDE SLOPE VARIES

ELEVATION IN FEET (WICHITA DATUM)

106.73 106.83 106.93 107.03 107.13 107.23 107.33 107.35 107.40 107.43 107.53 107.63 107.64 107.69 107.73 107.83

17 18 19 20 21 22

DATE: JUNE, 1996
FILE: 93031_04

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