B.M. 1278.0' CITY STANDARD DISC IN W. SIDE RIVER BRIDGE ON AMIDON S OF 21ST

Amidon Avenue

Const. 5'-0"x3'-0" Conc. Box Culvert
24.5° Under, Plug Existing 18" CMP.

Connect Const. Structure, See Detail

Const. 18" RCP

Const. 18" RCP

90°

1023.90' S. & 32.00' E. of N.W. Cor. N.E.¼ Sec. 7 T27S R.1E

1041.30' S. & 78.45' E. of N.W. Cor. N.E.¼ Sec. 7 T27S R.1E

Scale: 1"=20'

#5 Bars @ 24" Ctrs. Vert.
#5 Bars @ 12" Ctrs. Horiz.

#5 Bars @ 24" Ctrs.

2'-6"

3'-0"

9"

4'-0"

OUTFALL STRUCTURE PLAN

CONCRETE FOR ALL STRUCTURES SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS.

ALL REINFORCING STEEL SHALL BE CLEAR OF ALL CONCRETE.

ALL REINFORCING STEEL TO BE PLACED IN CONTINUOUS REINFORCED CONC ENCASEMENT FOR ALL EARTH IN CONTACT WITH OUTFALL STRUCTURE.

ALL LAPS OF REINFORCING STEEL SHALL BE 24" FOR #5 OR 30 BAR DIAMETERS.

10'-6"

#5 Bars Tops Bottoms

#5 Bars @ 24" Ctrs.

#5 Bars x 14'-0" Ctrs.

#5 Bars @ 12" Ctrs. Top, Bottom, & Sides

9"

OUTFALL STRUCTURE SECTION

Existing Profile

Existing 18" CMP

117'-0" L.F. 18" RCP @ 2.0%

9" Reinforced Conc. Encasement

10'-6"

Const. 117 L.F. 18" RCP @ 2.0%

Backfill to be compacted mechanically to 100% of Common Density.

RELOCATION OF EXISTING DRAINAGE FACILITIES FOR LAKEVIEW ESTATES 2ND ADD'N.
CITY OF WICHITA, KANSAS
R. W. LINN, CITY ENGINEER
PRIVATE PROJECT
DATE: JULY 1972