

SCALE: 1" = 20'

REMOVE 36 L.F. OF EXIST. 48" PIPE FROM OUTLET TO MANHOLE AND INSTALL 50 L.F. OF 38"x60" HERCP WITH END SECTION (CONTRACTOR SHALL VERIFY FIT)
FL. OUTLET = 98.64
FL. MIN. = EXIST. (~100.12) (BEGIN END SECTION 0.5' ONTO GABION BASKET) (SEE SHT. 5)
M.H. TOP = 115.12 (ADJUST TO MATCH FINAL GRADING)

REMOVE 28 L.F. OF EXIST. 12" PIPE AND INSTALL 24 L.F. OF 12" RCP
FL. EXIST. (M.H.) = EXIST. (112.82)
FL. NEW (M.H.) = 106.90

REMOVE 38 L.F. OF EXIST. 48" PIPE PLUS ONE MANHOLE AND INSTALL 36 L.F. OF 48" RCP PLUS NEW TYPE 'P' MANHOLE (6.5' DIA.)
FL. OUT (48") = 99.00
WITH CONCRETE TOEWALL
W=2', D=4', L=12'
FL. OUT (M.H.) = 99.15
FL. IN (M.H.) = 48" (~106.25)
FL. IN (M.H.) = 106.90 (SE)
FL. IN (M.H.) = 106.90 (N)
M.H. TOP = 114.00

REMOVE 46 L.F. OF EXIST. 15" PIPE INSTALL 42 L.F. OF 15" RCP
FL. EXIST. (M.H.) = EXIST. (108.87)
FL. NEW (M.H.) = 106.90

CONSTRUCT CONC. APRON WITH WINGWALLS MATCHING CHANNEL SIDE SLOPE (SEE DETAIL SHT. 31)

1,050 S.F. OF TRI-LOCK CONCRETE BLOCKS #4020. UNDER LAY W/ TRI-LOCK FABRIC #792. OVER 'V' SWALE - 6" DEEP. ADJUST GABION HEIGHT TO MATCH 'V' SWALE (SEE DETAIL SHT. 31)

NOTE:
ALL AREAS DISTURBED, BEYOND AREA COVERED BY EROSION MAT, SHALL BE FERTILIZED, SEEDED AND MULCHED.



MID-KANSAS ENGINEERING CONSULTANTS, INC.
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AREA "K" PART 2 - PHASE 1
PROJECT NAME

WICHITA DRAINAGE CANAL PLAN
SHEET TITLE

JNJ DESIGN BY: MLW DRAWN BY: JNJ CHECKED BY:

MAY 1999 DATE: 94011 JOB NO. 18 / 64 SHEET/OF