SHEET NO.	TOTAL SHEETS
E2	131

PLAN	SURVEYED	BY
NOTE BOOK NO.	PLOTTED	DATE
	ALIGNMENT CHECKED	
	RT. OF WAY CHECKED	

DSNR: DCG OPER: TRK SCALE: 1"=20'-0"
E:\1995\95088\004\DSBE2.DWG 11-14-1997 6:22:40 pm

J-BOX FOR CONNECTION OF IRRIGATION SYSTEM CONTROLLER. FIELD VERIFY EXACT LOCATION.

SEE ENLARGED TOWER LIGHTING PLAN, DETAIL 3, SHEET E3.

GFCI DUPLEX RECEPTACLE EQUAL TO P&S #2091S WITH GASKETED COVER AND LOCKING BRACKET PROVIDED WITH POLE. (TYP. OF 12)

'N2' FIXTURES MOUNTED UNDER BRIDGE FOR PIER ACCENT LIGHTING. INSTALL 20'-0" FROM FACE OF PIER.

20'-0" (TYP. OF 16)

DOWN TO PIER (TYP.)

SEE ENLARGED PIER LIGHTING PLAN DETAIL 3 THIS SHEET. (TYP. OF 4)

SEE ENLARGED TOWER LIGHTING PLAN, DETAIL 2, SHEET E3.

4 #10, 1 #10 GRD. - 1" C.

J-BOX FOR CONNECTION OF IRRIGATION SYSTEM CONTROLLER. FIELD VERIFY EXACT LOCATION.

SEE ENLARGED PIER LIGHTING PLAN DETAIL 2, THIS SHEET. (TYP. OF 4)

ROUTE CIRCUIT CONDUITS ON NORTH SIDE OF BRIDGE THRU "NORTH" FLUSH MOUNTED PULL BOX, THEN IN THE ABUTMENT WALL TO THE "SOUTH" PULL BOX. SEE DETAIL ON SHEET E1.

GROUND WIRE CONNECTIONS TO STEEL PILE. SEE DETAIL SHEET E1. (TYPICAL)

#3/0 CU. GROUND WIRE. ROUTE IN SAFETY BARRIER. SEE DETAIL SHEET E1.

6#6, 1#6 GRD.- 1 1/2"C.

ROUTE CIRCUIT CONDUITS THRU "SOUTH" FLUSH MOUNTED PULL BOX. SEE DETAIL ON SHEET E1.

KG&E TRANSFORMER

PANEL 'DB' IN ENCLOSURE SEE SERVICE ENCLOSURE DETAIL 1 SHEET E5.

SEE BRANCH CIRCUIT CONDUIT ROUTING DUCT BANK DETAIL ON SHEET E1.

SEE ENLARGED PLAN OF THIS AREA ON SHEET E4

POLE DIMENSIONS ARE TYPICAL FOR BOTH NORTH AND SOUTH SIDES.

67'-0" 35' 35' 35' 35' 67'-0"

#3/0 CU. GROUND WIRE (TYP. OF 12)

RECEPTACLE CIRCUITS TO BE FED WITH #6 WIRES (TYPICAL)

SEE ENLARGED TOWER LIGHTING PLAN, DETAIL 4, SHEET E3.

SEE STEP LIGHTING PLAN, SHEET E3 FOR ADDITIONAL ELECTRICAL REQUIREMENTS IN THIS AREA.

SEE ENLARGED TOWER LIGHTING PLAN, DETAIL 5, SHEET E3.

Exist. Asphalt Path

1 E2 E2 SITE PLAN

Scale: 1" = 20'

SET FIXTURES PLUMB IN CONCRETE PEDESTAL.

SEE SITE PLAN FOR CIRCUIT NUMBER

FIXTURE TYPE 'F2' (TYPICAL OF 4)

2 E2 E2 PIER LIGHTING PLAN

SCALE: 1/4" = 1'-0" (TYPICAL OF 4 LOCATIONS)

SEE SITE PLAN FOR CIRCUIT NUMBER

FIXTURE TYPE 'F2' (TYPICAL OF 4)

3 E2 E2 PIER LIGHTING PLAN

SCALE: 1/4" = 1'-0" (TYPICAL OF 4 LOCATIONS)

DARYLE E. HAGER LICENSED PROFESSIONAL ENGINEER KANSAS

NOTES:

1. MINIMUM CONDUIT SIZE FOR ALL BRANCH CIRCUITS SHALL BE 3/4". HOMERUN CONDUIT SIZES SHOWN INDICATES SIZE OF CONDUIT UP TO NORTH PULL BOX. SEE DUCT BANK DETAIL SHEET E1 FOR CONDUIT SIZE FROM NORTH PULL BOX TO PANEL.
2. ALL SPLICES SHALL BE WATER TIGHT AND MADE WITH SHRINK WRAP MATERIALS.
3. ALL GUARD RAILS SHALL BE BONDED TOGETHER WITH A #6 CU. CONDUCTOR. BOND CONDUCTOR BELOW TOP OF CONCRETE TO CAST IN PLACE ANCHOR BOLT OF EACH GUARD RAIL SECTION.

CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, P.E. - CITY ENGINEER
DOUGLAS AVENUE BRIDGE
OVER ARKANSAS RIVER

ELECTRICAL SITE PLAN

CITY OF WICHITA PROJECT NO. 472-82721

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS

Designed by	DCG	Checked by	DCG
Drawn by	MDB	Date SEPT. 1997	Job No. 95088-4