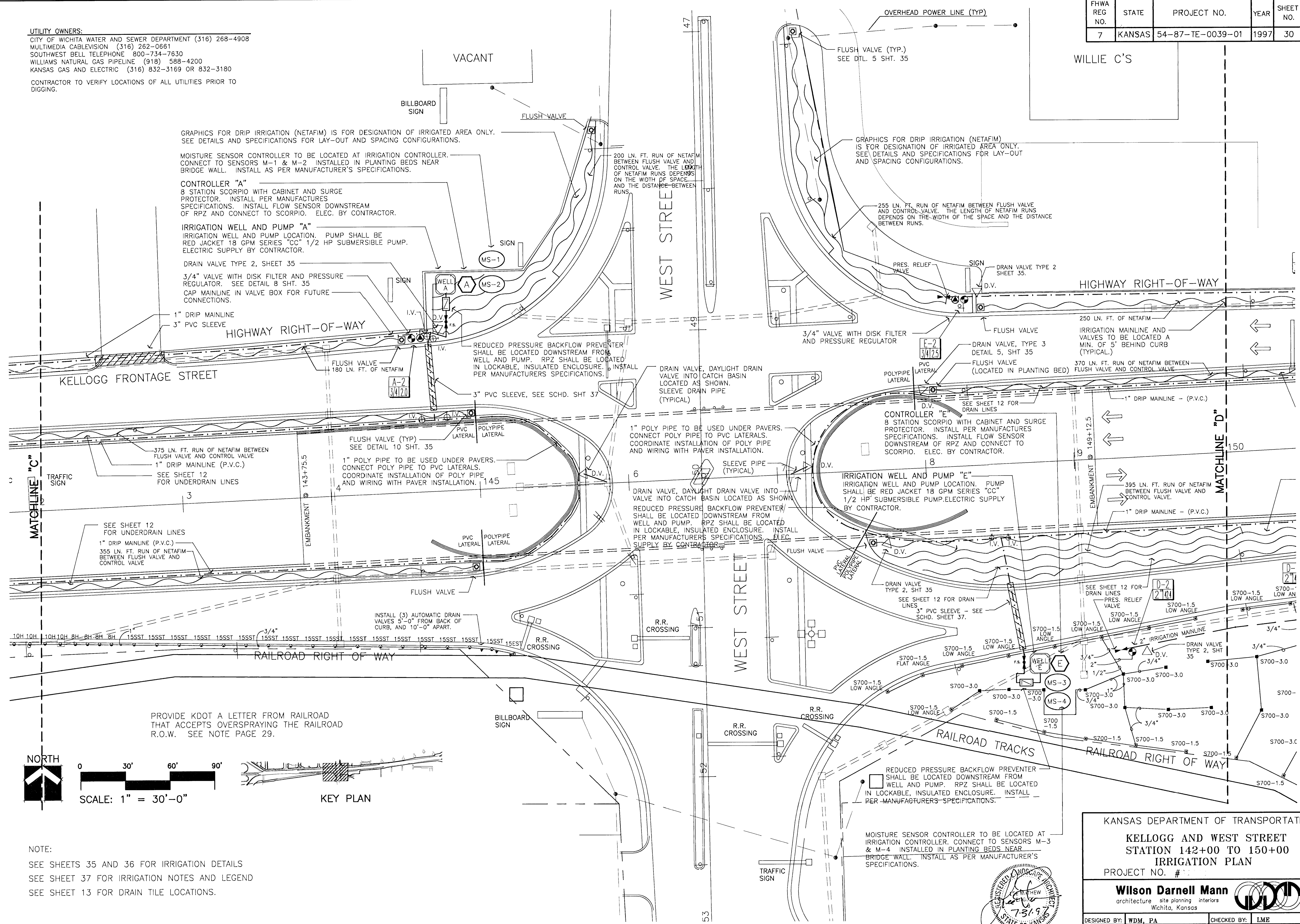


UTILITY OWNERS:
CITY OF WICHITA WATER AND SEWER DEPARTMENT (316) 268-4908
MULTIMEDIA CABLEVISION (316) 262-0661
SOUTHWEST BELL TELEPHONE 800-734-7630
WILLIAMS NATURAL GAS PIPELINE (918) 588-4200
KANSAS GAS AND ELECTRIC (316) 832-3169 OR 832-3180
CONTRACTOR TO VERIFY LOCATIONS OF ALL UTILITIES PRIOR TO DIGGING.

FHWA REG NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	SHEETS
7	KANSAS	54-87-TE-0039-01	1997	30	43

WILLIE C'S



GRAPHICS FOR DRIP IRRIGATION (NETAFIM) IS FOR DESIGNATION OF IRRIGATED AREA ONLY. SEE DETAILS AND SPECIFICATIONS FOR LAY-OUT AND SPACING CONFIGURATIONS.

MOISTURE SENSOR CONTROLLER TO BE LOCATED AT IRRIGATION CONTROLLER. CONNECT TO SENSORS M-1 & M-2 INSTALLED IN PLANTING BEDS NEAR BRIDGE WALL. INSTALL AS PER MANUFACTURER'S SPECIFICATIONS.

CONTROLLER "A"
8 STATION SCORPIO WITH CABINET AND SURGE PROTECTOR. INSTALL PER MANUFACTURER'S SPECIFICATIONS. INSTALL FLOW SENSOR DOWNSTREAM OF RPZ AND CONNECT TO SCORPIO. ELEC. BY CONTRACTOR.

IRRIGATION WELL AND PUMP "A"
IRRIGATION WELL AND PUMP LOCATION. PUMP SHALL BE RED JACKET 18 GPM SERIES "CC" 1/2 HP SUBMERSIBLE PUMP. ELECTRIC SUPPLY BY CONTRACTOR.

DRAIN VALVE TYPE 2, SHEET 35
3/4" VALVE WITH DISK FILTER AND PRESSURE REGULATOR. SEE DETAIL 8 SHT. 35
CAP MAINLINE IN VALVE BOX FOR FUTURE CONNECTIONS.

1" DRIP MAINLINE
3" PVC SLEEVE

KELLOGG FRONTAGE STREET

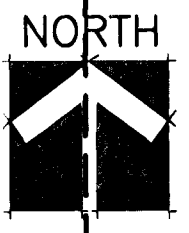
WEST STREET

HIGHWAY RIGHT-OF-WAY

MATCHLINE "C"

MATCHLINE "D"

PROVIDE KDOT A LETTER FROM RAILROAD THAT ACCEPTS OVERSPRAYING THE RAILROAD R.O.W. SEE NOTE PAGE 29.



SCALE: 1" = 30'-0"

KEY PLAN

NOTE:
SEE SHEETS 35 AND 36 FOR IRRIGATION DETAILS
SEE SHEET 37 FOR IRRIGATION NOTES AND LEGEND
SEE SHEET 13 FOR DRAIN TILE LOCATIONS.

GRAPHICS FOR DRIP IRRIGATION (NETAFIM) IS FOR DESIGNATION OF IRRIGATED AREA ONLY. SEE DETAILS AND SPECIFICATIONS FOR LAY-OUT AND SPACING CONFIGURATIONS.

255 LN. FT. RUN OF NETAFIM BETWEEN FLUSH VALVE AND CONTROL VALVE. THE LENGTH OF NETAFIM RUNS DEPENDS ON THE WIDTH OF THE SPACE AND THE DISTANCE BETWEEN RUNS.

PRES. RELIEF VALVE
D.V.
DRAIN VALVE TYPE 2 SHEET 35.

3/4" VALVE WITH DISK FILTER AND PRESSURE REGULATOR
FLUSH VALVE
DRAIN VALVE, TYPE 3 DETAIL 5, SHT 35
FLUSH VALVE (LOCATED IN PLANTING BED)

CONTROLLER "E"
8 STATION SCORPIO WITH CABINET AND SURGE PROTECTOR. INSTALL PER MANUFACTURER'S SPECIFICATIONS. INSTALL FLOW SENSOR DOWNSTREAM OF RPZ AND CONNECT TO SCORPIO. ELEC. BY CONTRACTOR.

IRRIGATION WELL AND PUMP "E"
IRRIGATION WELL AND PUMP LOCATION. PUMP SHALL BE RED JACKET 18 GPM SERIES "CC" 1/2 HP SUBMERSIBLE PUMP. ELECTRIC SUPPLY BY CONTRACTOR.

DRAIN VALVE TYPE 2, SHT 35
SEE SHEET 12 FOR DRAIN LINES
3" PVC SLEEVE - SEE SCHED. SHEET 37.

SEE SHEET 12 FOR DRAIN LINES
PRES. RELIEF VALVE
S700-1.5 LOW ANGLE
S700-1.5 LOW ANGLE
S700-1.5 LOW ANGLE

REDUCED PRESSURE BACKFLOW PREVENTER SHALL BE LOCATED DOWNSTREAM FROM WELL AND PUMP. RPZ SHALL BE LOCATED IN LOCKABLE, INSULATED ENCLOSURE. INSTALL PER MANUFACTURER'S SPECIFICATIONS.

MOISTURE SENSOR CONTROLLER TO BE LOCATED AT IRRIGATION CONTROLLER. CONNECT TO SENSORS M-3 & M-4 INSTALLED IN PLANTING BEDS NEAR BRIDGE WALL. INSTALL AS PER MANUFACTURER'S SPECIFICATIONS.

KANSAS DEPARTMENT OF TRANSPORTATION

KELLOGG AND WEST STREET
STATION 142+00 TO 150+00
IRRIGATION PLAN
PROJECT NO. #

Willson Darnell Mann
architecture site planning interiors
Wichita, Kansas

DESIGNED BY: WDM, PA
DRAWN BY: SKW
CHECKED BY: LME
DATE: 7/31/97
SHEET 30 OF 43