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

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.

VACANT
BILLBOARD SIGN
FLUSH VALVE
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 MANUFACTURES 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
HIGHWAY RIGHT-OF-WAY
KELLOGG FRONTAGE STREET
SIGN
MS-1
WELL A
A
MS-2
I.V.
D.V.
P.S.
FLUSH VALVE 180 LN. FT. OF NETAFIM
A-2 3/4 20
200 LN. FT. RUN OF NETAFIM BETWEEN FLUSH VALVE AND CONTROL VALVE. THE LENGTH OF NETAFIM RUNS DEPENDS ON THE WIDTH OF SPACE AND THE DISTANCE BETWEEN RUNS.
REDUCED PRESSURE BACKFLOW PREVENTER SHALL BE LOCATED DOWNSTREAM FROM WELL AND PUMP. RPZ SHALL BE LOCATED IN LOCKABLE, INSULATED ENCLOSURE. INSTALL PER MANUFACTURERS SPECIFICATIONS.
3" PVC SLEEVE, SEE SCHD. SHT 37
WEST STREET
47
49
DRAIN VALVE, DAYLIGHT DRAIN VALVE INTO CATCH BASIN LOCATED AS SHOWN. SLEEVE DRAIN PIPE (TYPICAL)
OVERHEAD POWER LINE (TYP)
FLUSH VALVE (TYP.) SEE DTL. 5 SHT. 35
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.
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
SIGN
DRAIN VALVE TYPE 2 SHEET 35.
HIGHWAY RIGHT-OF-WAY
250 LN. FT. OF NETAFIM
3/4" VALVE WITH DISK FILTER AND PRESSURE REGULATOR
FLUSH VALVE
E-2 3/4 25
DRAIN VALVE, TYPE 3 DETAIL 5, SHT 35
IRRIGATION MAINLINE AND VALVES TO BE LOCATED A MIN. OF 5' BEHIND CURB (TYPICAL.)
PVC LATERAL
FLUSH VALVE (LOCATED IN PLANTING BED)
370 LN. FT. RUN OF NETAFIM BETWEEN FLUSH VALVE AND CONTROL VALVE
POLYPIPE LATERAL
SEE SHEET 12 FOR DRAIN LINES
1" DRIP MAINLINE - (P.V.C.)
CONTROLLER "E"
8 STATION SCORPIO WITH CABINET AND SURGE PROTECTOR. INSTALL PER MANUFACTURES 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.
MATCHLINE "D"
150
EMBANKMENT @ 149+12.5
395 LN. FT. RUN OF NETAFIM BETWEEN FLUSH VALVE AND CONTROL VALVE.
1" DRIP MAINLINE - (P.V.C.)
MATCHLINE "C"
TRAFFIC SIGN
375 LN. FT. RUN OF NETAFIM BETWEEN FLUSH VALVE AND CONTROL VALVE
1" DRIP MAINLINE (P.V.C.)
SEE SHEET 12 FOR UNDERDRAIN LINES
EMBANKMENT @ 143+75.5
3
4
145
FLUSH VALVE (TYP) SEE DETAIL 10 SHT. 35
1" POLY PIPE TO BE USED UNDER PAVERS. CONNECT POLY PIPE TO PVC LATERALS. COORDINATE INSTALLATION OF POLY PIPE AND WIRING WITH PAVER INSTALLATION.
1" POLY PIPE TO BE USED UNDER PAVERS. CONNECT POLY PIPE TO PVC LATERALS. COORDINATE INSTALLATION OF POLY PIPE AND WIRING WITH PAVER INSTALLATION.
SLEEVE PIPE (TYPICAL)
6
8
DRAIN VALVE, DAYLIGHT DRAIN VALVE INTO VALVE INTO CATCH BASIN LOCATED AS SHOWN
REDUCED PRESSURE BACKFLOW PREVENTER SHALL BE LOCATED DOWNSTREAM FROM WELL AND PUMP. RPZ SHALL BE LOCATED IN LOCKABLE, INSULATED ENCLOSURE. INSTALL PER MANUFACTURERS SPECIFICATIONS. ELEC. SUPPLY BY CONTRACTOR.
FLUSH VALVE
PVC LATERAL
POLYPIPE LATERAL
DRAIN VALVE TYPE 2, SHT 35
SEE SHEET 12 FOR DRAIN LINES
3" PVC SLEEVE - SEE SCHD. SHEET 37.
SEE SHEET 12 FOR UNDERDRAIN LINES
1" DRIP MAINLINE (P.V.C.)
355 LN. FT. RUN OF NETAFIM BETWEEN FLUSH VALVE AND CONTROL VALVE
PVC LATERAL
POLYPIPE LATERAL
FLUSH VALVE
INSTALL (3) AUTOMATIC DRAIN VALVES 5'-0" FROM BACK OF CURB, AND 10'-0" APART.
10H 10H 10H 8H 8H 8H 8H 1" 15SST 15SST 15SST 15SST 15SST 15SST 3/4" 15SST 15SST 15SST 15SST 15SST 15SST 15SST 15SST 15SST 15SST 15SST 15SST
RAILROAD RIGHT OF WAY
R.R. CROSSING
R.R. CROSSING
R.R. CROSSING
RAILROAD TRACKS
RAILROAD RIGHT OF WAY
PRES. RELIEF VALVE
SEE SHEET 12 FOR DRAIN LINES
D-2 2"04
2" IRRIGATION MAINLINE
DRAIN VALVE TYPE 2, SHT 35
WELL E
E
MS-3
MS-4
S700-1.5 LOW ANGLE
S700-1.5 FLAT ANGLE
S700-3.0
3/4"
2"
1 1/2"
1"
BILLBOARD SIGN
52
53
TRAFFIC SIGN
REDUCED PRESSURE BACKFLOW PREVENTER SHALL BE LOCATED DOWNSTREAM FROM WELL AND PUMP. RPZ SHALL BE LOCATED IN LOCKABLE, INSULATED ENCLOSURE. INSTALL PER MANUFACTURERS 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.

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

NORTH
0 30' 60' 90'
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.

JOE MATHEW REGISTERED LANDSCAPE ARCHITECT 7-31-97 STATE OF KANSAS

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

Wilson Darnell Mann
architecture site planning interiors
Wichita, Kansas

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

8-24-95
E:\94082\LI-4
E:\94082\MAINBASE E:\94082\IRRIG