FHWA REG NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	SHEETS
7	KANSAS	54-87-TE-0039-01	1997	31	43

HAMPTON INN

HIGHWAY RIGHT-OF-WAY

KELLOGG AVENUE

RAILROAD RIGHT OF WAY

U-HAUL

MATCHLINE "D"

MATCHLINE "E"

EMBANKMENT @ 149+12.5

250 LN. FT. OF NETAFIM

IRRIGATION MAINLINE AND VALVES TO BE LOCATED A MIN. OF 5' BEHIND CURB (TYPICAL.)

370 LN. FT. RUN OF NETAFIM BETWEEN FLUSH VALVE AND CONTROL VALVE

1" DRIP MAINLINE - (P.V.C.)

395 LN. FT. RUN OF NETAFIM BETWEEN FLUSH VALVE AND CONTROL VALVE.

1" DRIP MAINLINE - (P.V.C.)

3/4" VALVE WITH DISK FILTER AND PRESSURE REGULATOR

3" PVC SLEEVE

CAP DRIP MAINLINE IN VALVE BOX

DRAIN VALVE TYPE 3, SEE DTL 5 SHT. 35.

CAP DRIP MAINLINE IN VALVE BOX

DRAIN VALVE TYPE 2, SEE DTL 5 SHT. 35.

1" DRIP MAINLINE

TRAFFIC SIGN

3" PVC SLEEVE

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

SEE SHEET 13 FOR DRAIN LINES

MOISTURE SENSOR SOIL SENSOR UNIT. INSTALL IN PLANTING BED NEAR BRIDGE WALL. CONNECT TO SENSOR CONTROLLER AT IRRIGATION CONTROLLER AREA.

DRAIN VALVE TYPE 3, SEE SHT 35

3/4" VALVE WITH DISK FILTER AND PRESSURE REGULATOR LOCATED WITHIN PLANTING BED.

3/4" VALVE WITH DISK FILTER AND PRESSURE REGULATOR

MOISTURE SENSOR SOIL SENSOR UNIT. INSTALL IN PLANTING BED NEAR BRIDGE WALL. CONNECT TO SENSOR CONTROLLER AT IRRIGATION CONTROLLER AREA.

SEE SHEET 14 FOR DRAIN LINES

1" DRIP MAINLINE

SEE SHEET 12 FOR DRAIN LINES

PRES. RELIEF VALVE

DRAIN VALVE TYPE 2, SHT 35

2" IRRIGATION MAINLINE

4" PVC SLEEVE, SEE SCHD ON SHT. 37

FLUSH VALVE

1" DRIP MAINLINE

370 LN. FT. RUN OF NETAFIM BETWEEN FLUSH VALVE AND CONTROL VALVE.

DRAIN VALVE TYPE 2, SEE DTL SHT. 35

IRRIGATION MAINLINE AND VALVES TO BE LOCATED A MIN. OF 5' BEHIND CURB (TYPICAL.)

3/4" VALVE WITH DISK FILTER AND PRESSURE REGULATOR LOCATED WITHIN PLANTING BED.

FLUSH VALVE (TYP) SEE DETAIL 10 SHT 35

3/4" VALVE WITH DISK FILTER AND PRESSURE REGULATOR LOCATED WITHIN PLANTING BED.

FLUSH VALVE LOCATED WITHIN PLANTING BED

IRRIGATION MAINLINE IS TO BE LOCATED IN PLANTING BED.

385 LN.FT. RUN OF NETAFIM BETWEEN FLUSH VALVE AND CONTROL VALVE

DRAIN VALVE TYPE 2 SEE DETAIL 5 SHT 35

SEE SHEET 14 FOR DRAIN LINES

385 LN.FT. RUN OF NETAFIM BETWEEN FLUSH VALVE AND CONTROL VALVE

3/4" VALVE WITH DISK FILTER AND PRESSURE REGULATOR LOCATED WITHIN PLANTING BED.

C-3 2" 40.1

E-5B 3/4 6.9

C-2 2" 147.4

350 LN.FT. OF NETAFIM

1" DRIP MAINLINE

STREET SIGN

2" IRRIGATION MAINLINE

PRES. RELIEF VALVE

E-3B 3/4 3.7

E-5A 3/4 12.5

E-3A 3/4 11.1

E-4A 3/4 7.7

E-4B 3/4 3.8

D-2 2" 102.4

D-3 2" 47.8

D-4 2" 14.3

D-5 1 1/2" 20.4

MS-3

MS-4

WELL D

BILLBOARD SIGN

DRAIN VALVE TYPE 2, SEE DTL 5, SHET 35

IRRIGATION MAINLINE AND VALVES TO BE LOCATED A MIN. OF 5' BEHIND CURB (TYPICAL.)

CONTROLLER "D"
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 "D"
IRRIGATION WELL AND PUMP LOCATION. PUMP SHALL BE RED JACKET 50 GPM SERIES "FC" 5 HP SUBMERSIBLE PUMP. ELECTRIC SUPPLY BY CONTRACTOR.

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

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 14 FOR DRAIN TILE LOCATIONS

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.

KANSAS DEPARTMENT OF TRANSPORTATION

KELLOGG AND WEST STREET
STATION 150+00 TO 157+00
IRRIGATION PLAN
PROJECT NO. # [illegible]

REGISTERED LANDSCAPE ARCHITECT LME MATHER 7/31/97 STATE OF KANSAS

Wilson Darnell Mann
architecture site planning interiors
Wichita, Kansas

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

11:57
08/19/1997
K:\94082\IRRIGLI-5
E:\94082\MAINBASE E:\94082\IRRIG