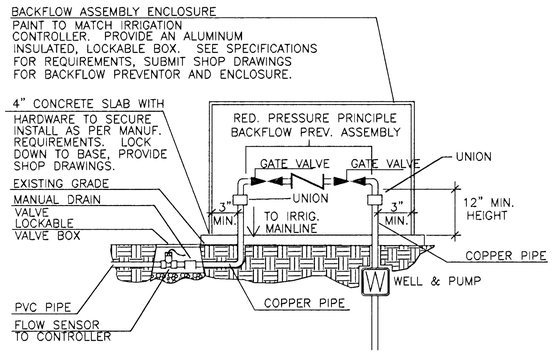
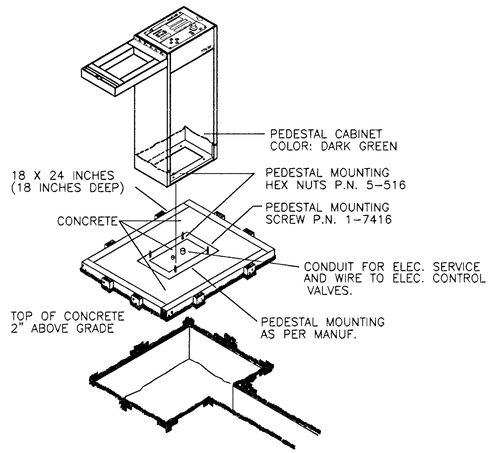
FHWA REG NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	SHEETS
7	KANSAS	54-87-TE-0039-01	1997	35	43



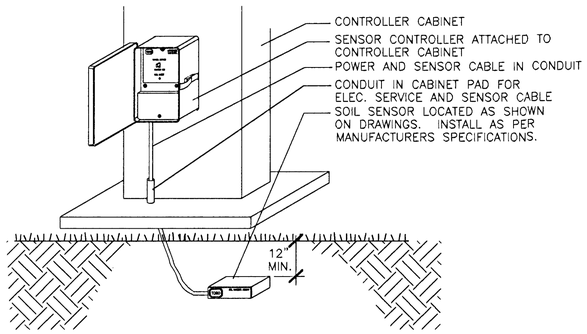
1 REDUCED PRESSURE BACKFLOW PREVENTER

LOCATION AS SHOWN ON IRRIGATION PLAN — NO SCALE



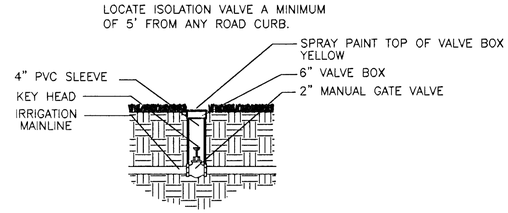
2 CONCRETE BASE FOR PEDESTAL MOUNT CONTROLLER

NO SCALE



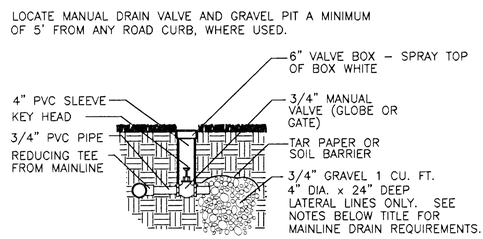
3 SOIL MOISTURE SENSOR

NO SCALE



4 MAINLINE ISOLATION VALVE

NO SCALE



5 MANUAL DRAIN VALVE DETAIL

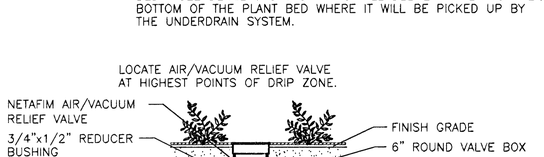
NO SCALE

METHODS OF DRAINING IRRIGATION MAINLINE AND DRIP MAINLINE

TYPE 1 - RUN 3/4" DIA. PVC PIPE FROM VALVE TO DAYLIGHT IN SOIL CONDITIONS. SEE SH. 27 & 28.

TYPE 2 - RUN 3/4" DIA. PVC PIPE FROM VALVE INTO PIT CONTAINING A MINIMUM OF 1 1/2 CU.YD. OF 3/4" CLEANN (WASHED) AGGREGATE, COVER TOP OF AGGREGATE WITH GEOTEXTILE FABRIC. PROVIDE A MINIMUM OF 12" OF SOIL COVER OVER THE AGGERGATE. INSTALL A MINIMUM OF 10' BEHIND A CURB.

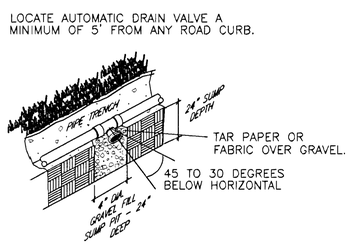
TYPE 3 - USE THIS METHOD IN AREAS WITH UNDERDRAIN SYSTEM. SEE SH. 12 THRU 15 AND SH. 29 THUR 32. USE 3/4" CLEAN (WASHED) AGGREGATE IN A 4" DIA. x 18" DEEP SUMP BELOW EACH DRAIN VALVE. 18" FROM THE BOTTOM OF THE PLANT BED. SEE DETAIL 6 SHT 8. THIS WILL DELIVER WATER TO THE BOTTOM OF THE PLANT BED WHERE IT WILL BE PICKED UP BY THE UNDERDRAIN SYSTEM.



9 NETAFIM AIR/VACUUM RELIEF

PLUMBED TO NETAFIM — NO SCALE

PROVIDE AS BUILT DRAWINGS SHOWING LOCATIONS OF ALL VALVES AND IRRIGATION EQUIPMENT. INCLUDE DIMENSIONS (TRIANGULATED) FOR ALL VALVES, CONTROLLERS, AND SENSORS.

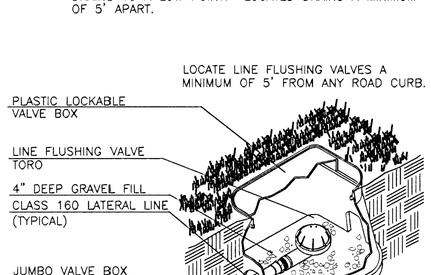


AUTOMATIC VALVES ARE TO BE LOCATED AT LOW POINTS AND ENDS OF LATERAL LINES. LOCATE END AUTO. DRAIN VALVE 12" UP STREAM FROM LAST HEAD

6 AUTOMATIC DRAIN AND SUMP PIT

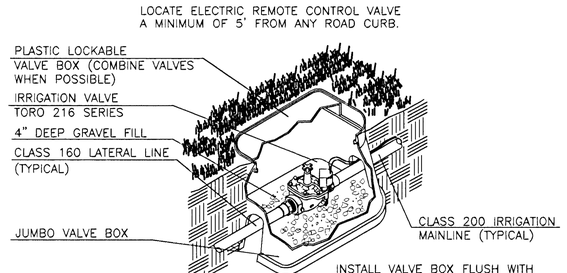
NO SCALE

PROVIDE A MINIMUM OF 2 AUTOMATIC DRAIN VALVES IN A ROW WHERE MORE THAN 100 LN.FT. OF PIPE DRAINS TO A LOW POINT. LOCATED DRAINS A MINIMUM OF 5' APART.



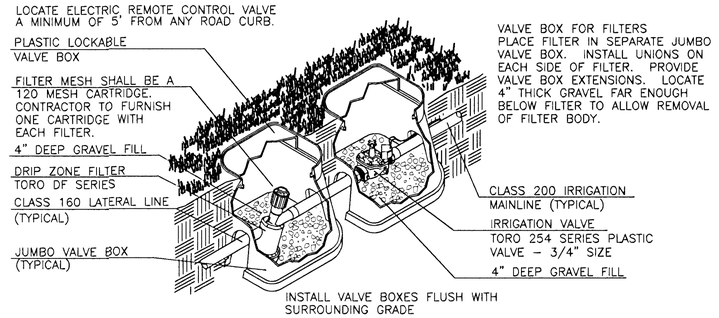
10 LINE FLUSHING VALVE

DRIP EMITTER ZONES ONLY — NO SCALE



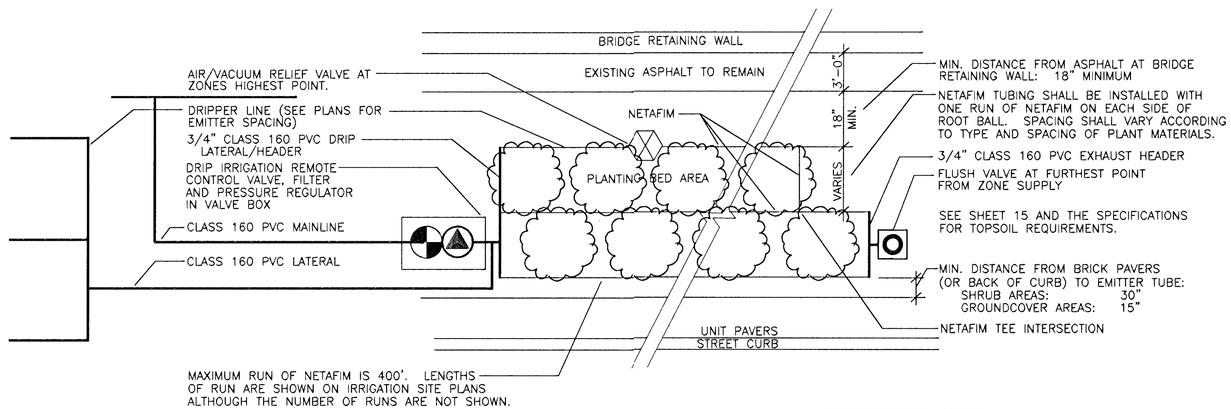
7 ELECTRIC REMOTE IRRIGATION VALVE

SPRAY AND ROTOR SPRINKLER ZONES — NO SCALE



8 ELECTRIC REMOTE IRRIGATION VALVE AND DRIP FILTER

DRIP IRRIGATION ZONES ONLY — NO SCALE



11 DRIPLINE LAYOUT IN PLANTING BEDS

NO SCALE

REGISTERED LANDSCAPE ARCHITECT
LEE M. NEW
7-31-97
STATE OF KANSAS

KANSAS DEPARTMENT OF TRANSPORTATION

KELLOGG AND WEST STREET IRRIGATION DETAILS

PROJECT NO. #101227

Wilson Darnell Mann
architecture site planning interiors
Wichita, Kansas

DESIGNED BY:	WDM, PA	CHECKED BY:	LME
DRAWN BY:	SKW	DATE: 7/31/97	SHEET 35 OF 43

E:\94082\IRRIG\IRRIGDTL
7-17-97
NONE