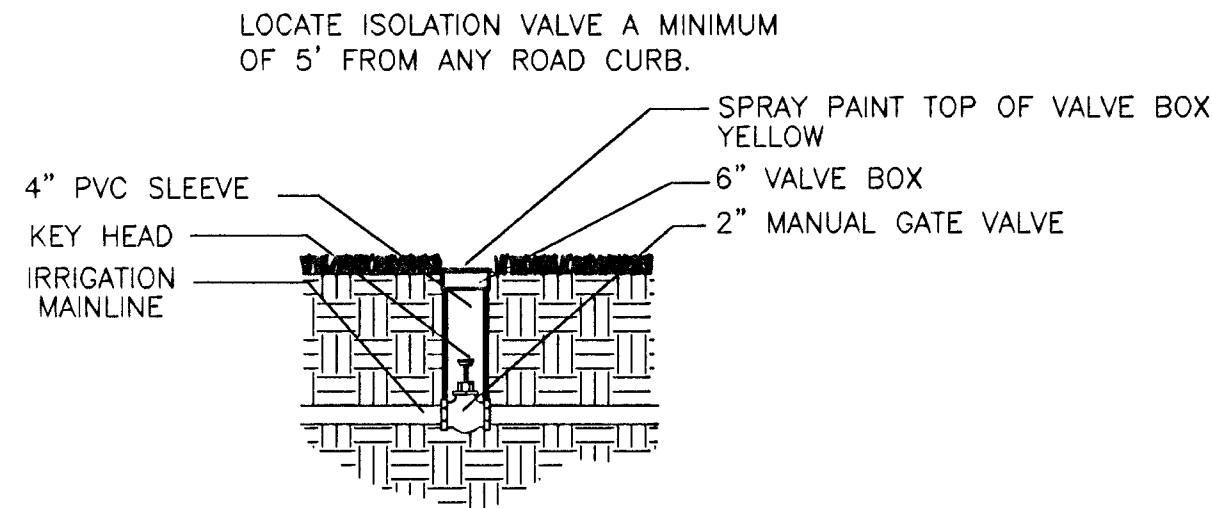
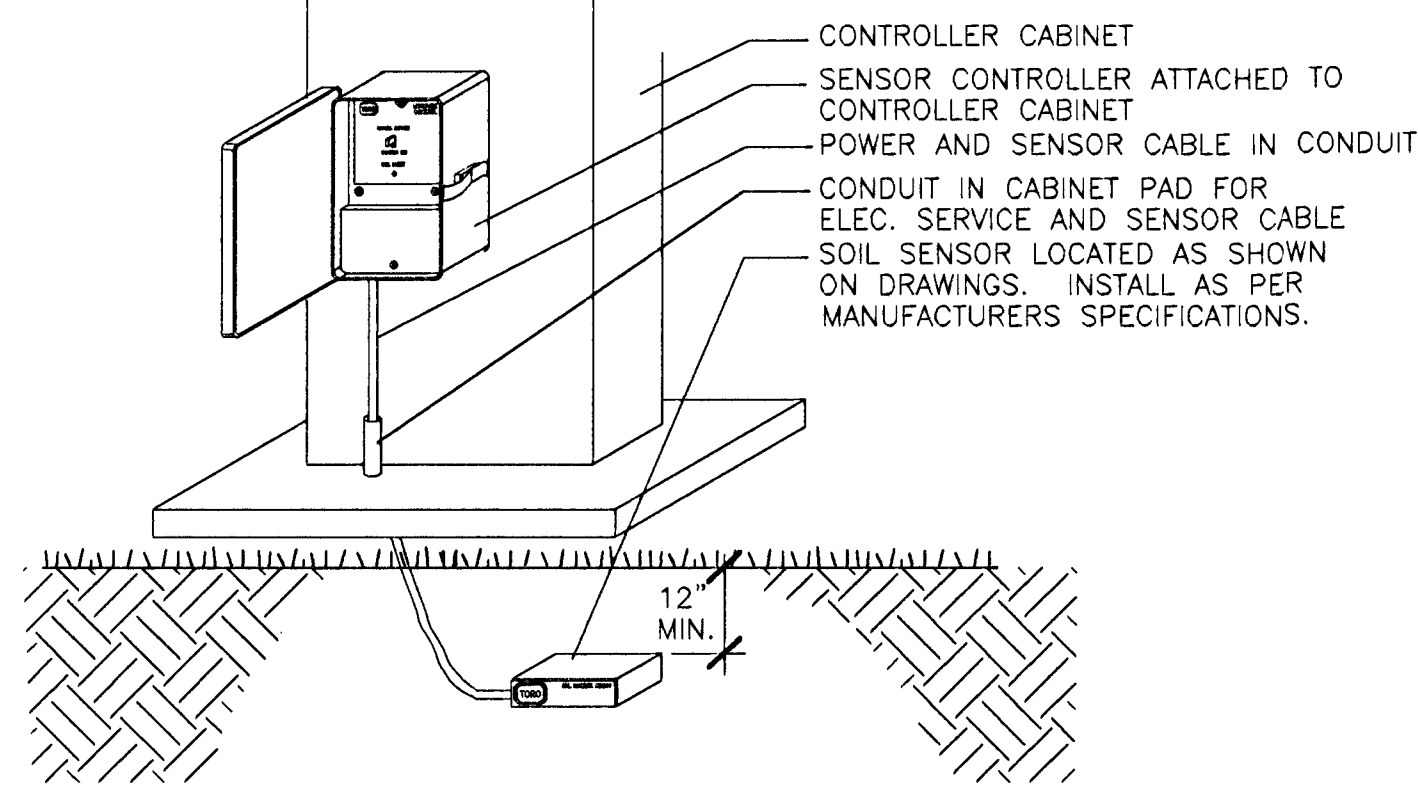
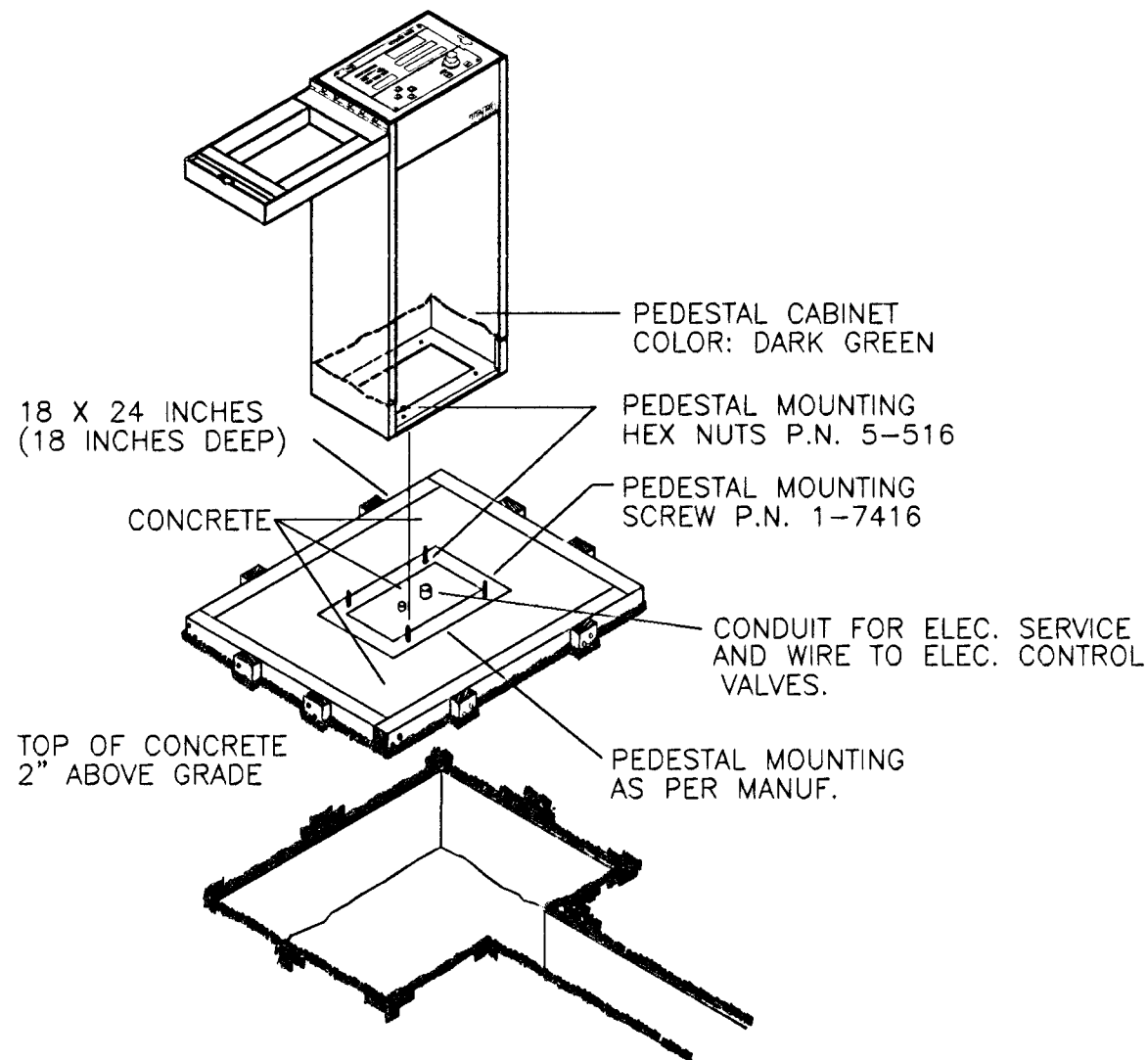
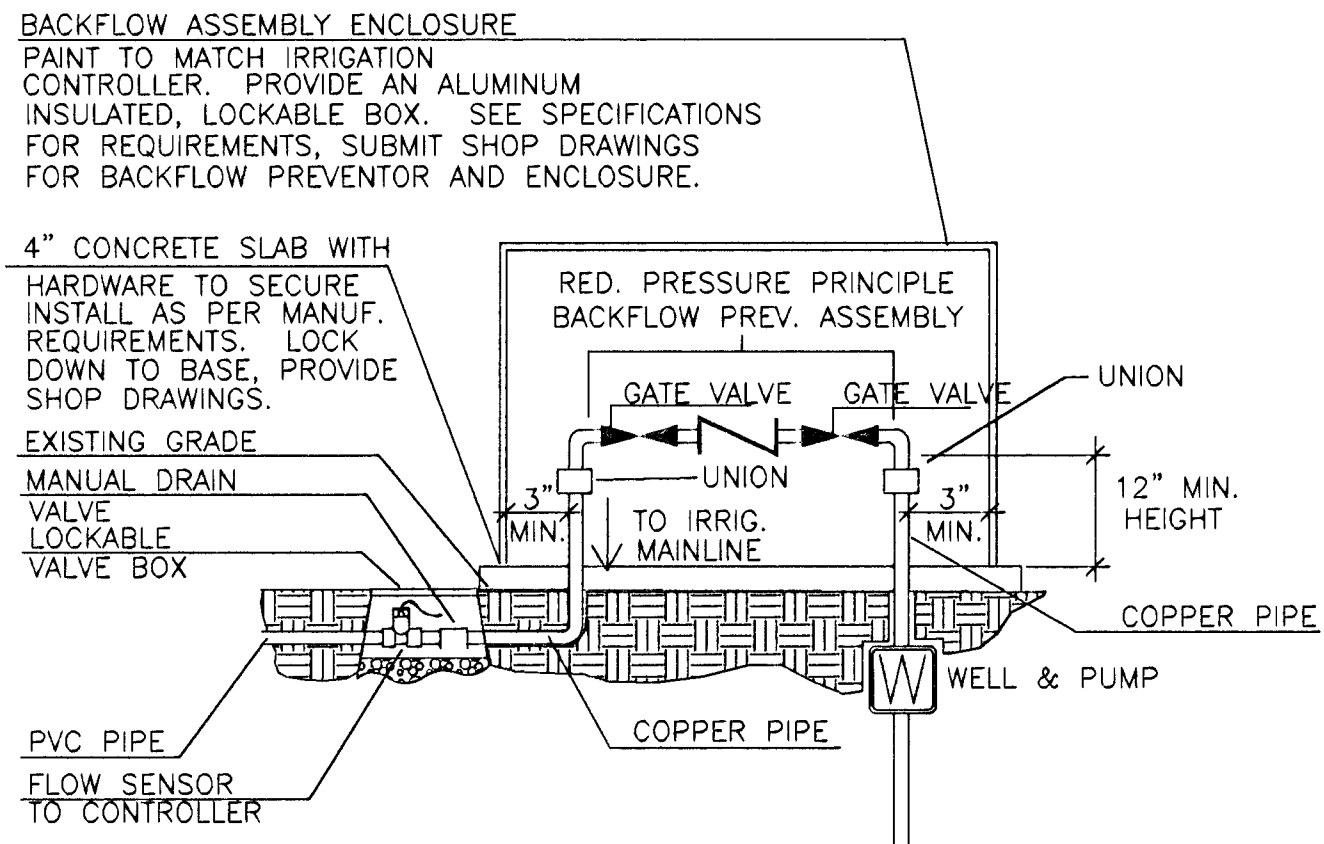


FHWA REG NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	SHEETS
7	KANSAS	54-87-TE-0039-01	1997	35	43

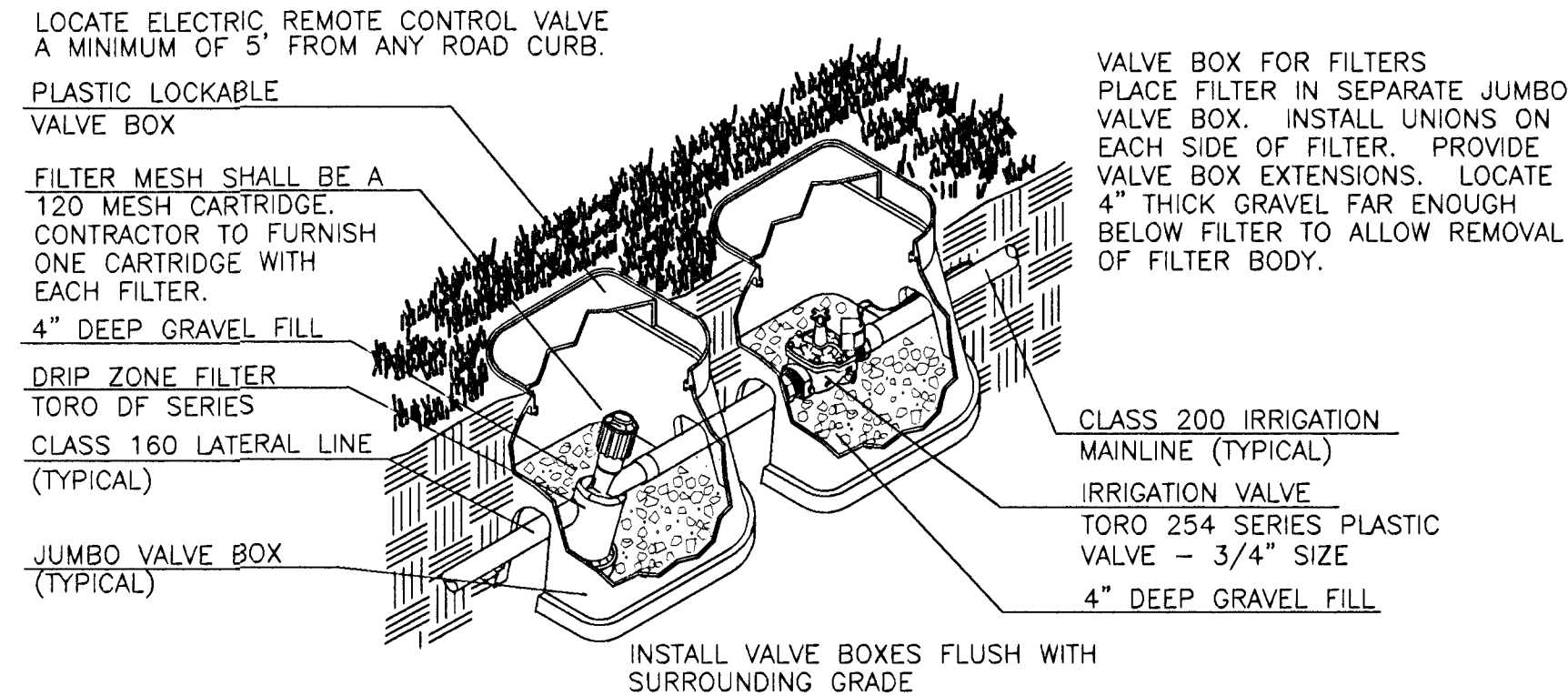
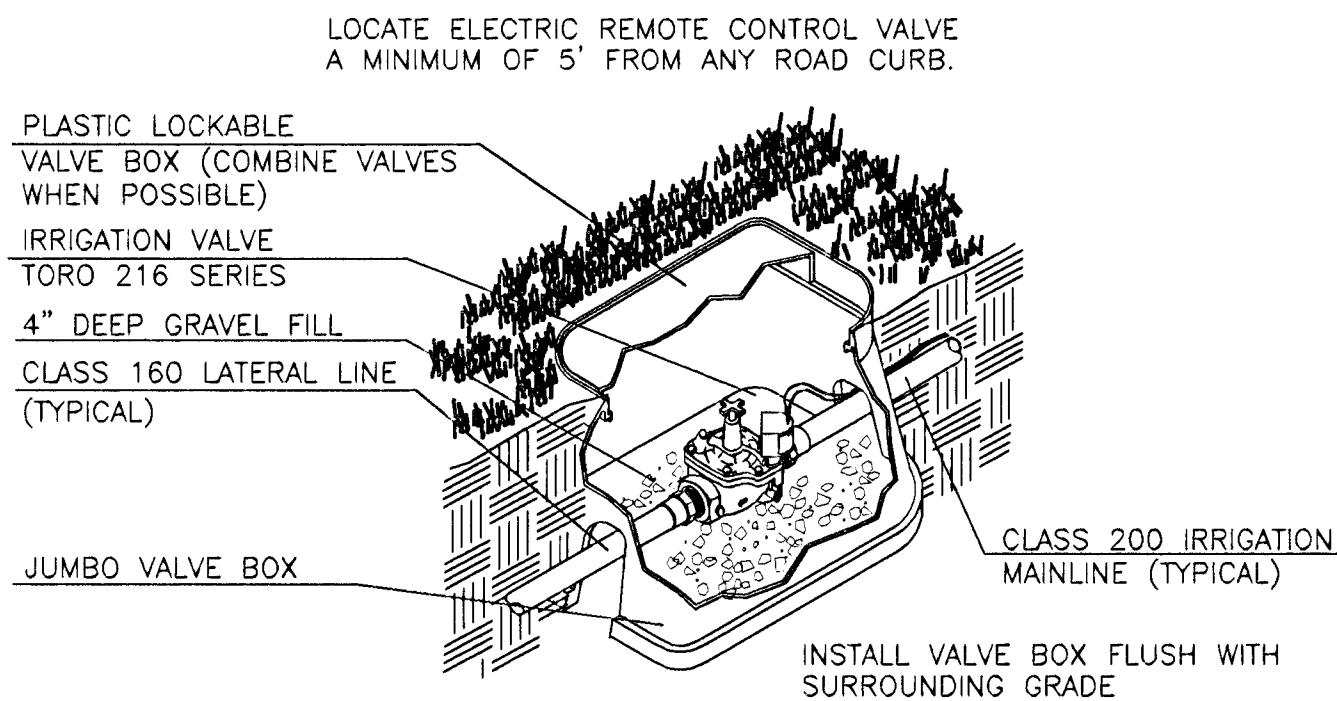
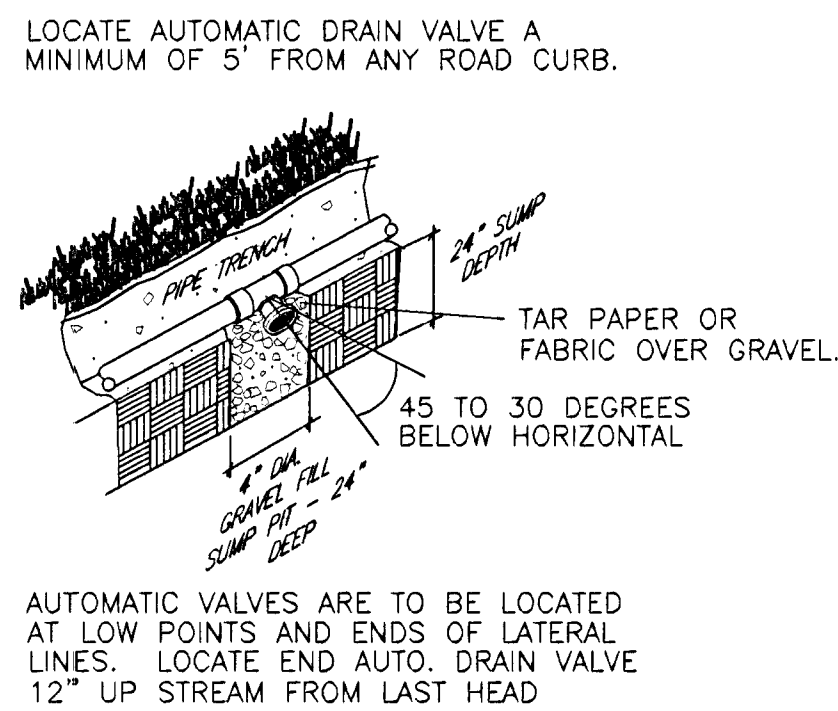
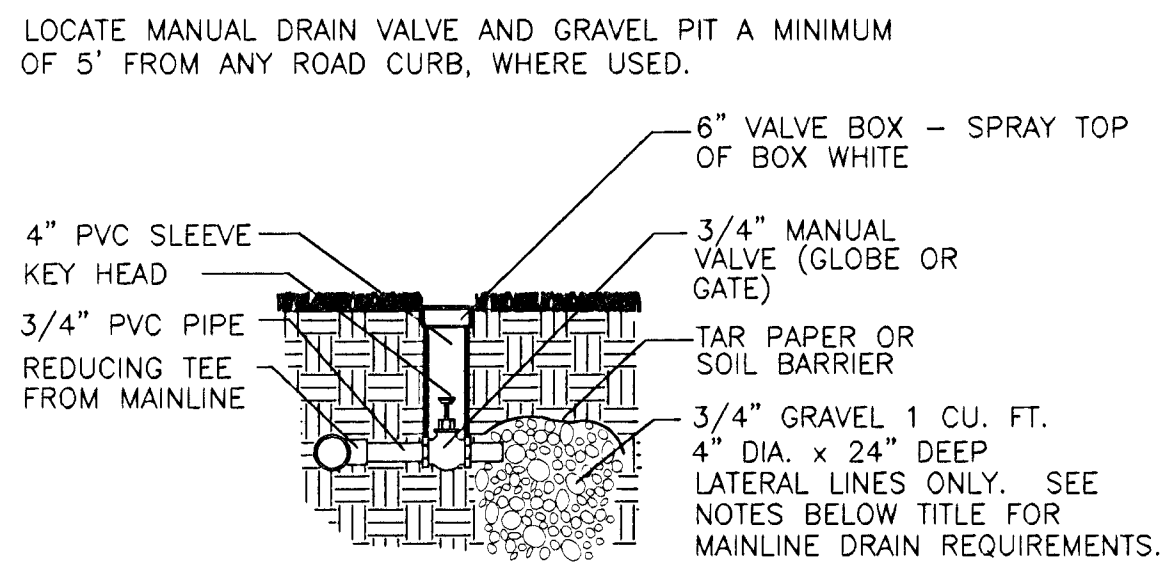


1 REDUCED PRESSURE BACKFLOW PREVENTER
LOCATION AS SHOWN ON IRRIGATION PLAN NO SCALE

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

6 AUTOMATIC DRAIN AND SUMP PIT
NO SCALE

7 ELECTRIC REMOTE IRRIGATION VALVE
SPRAY AND ROTOR SPRINKLER ZONES NO SCALE

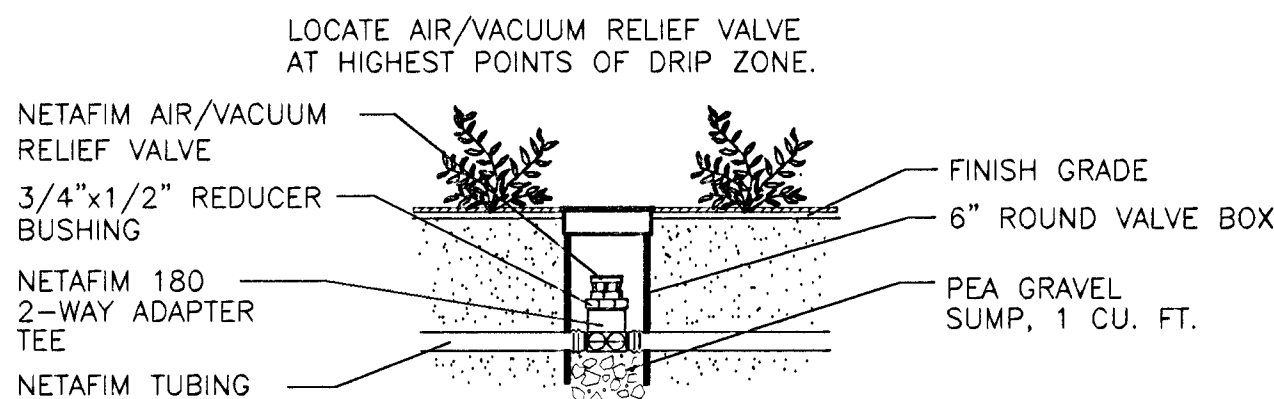
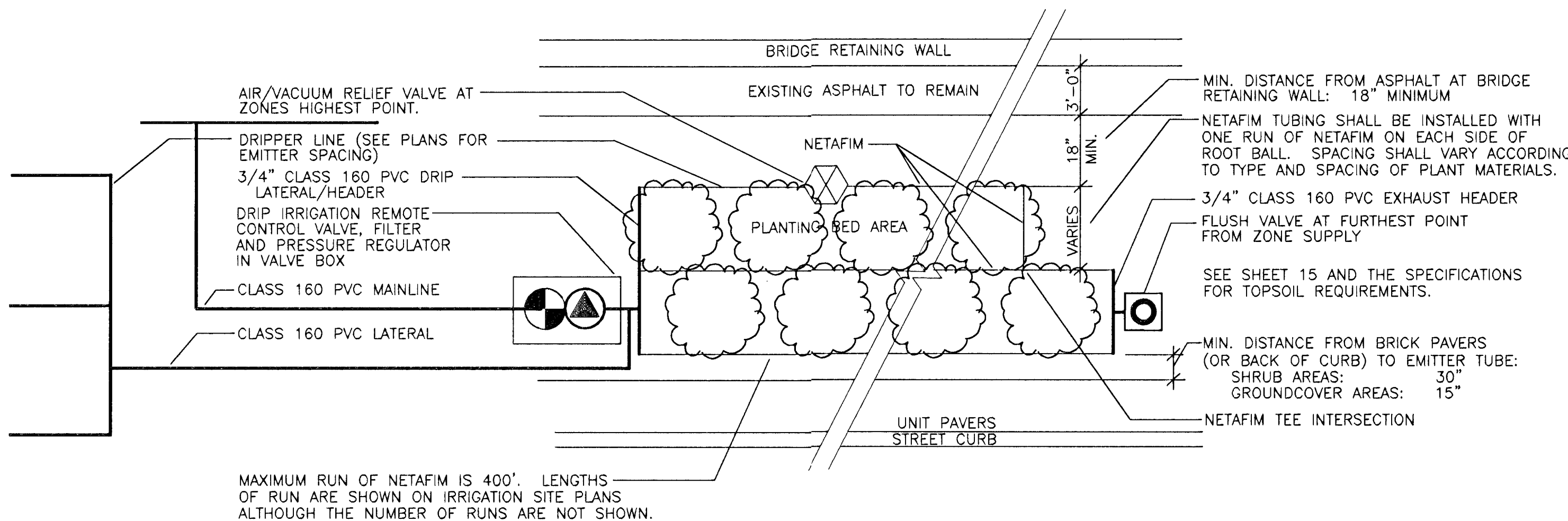
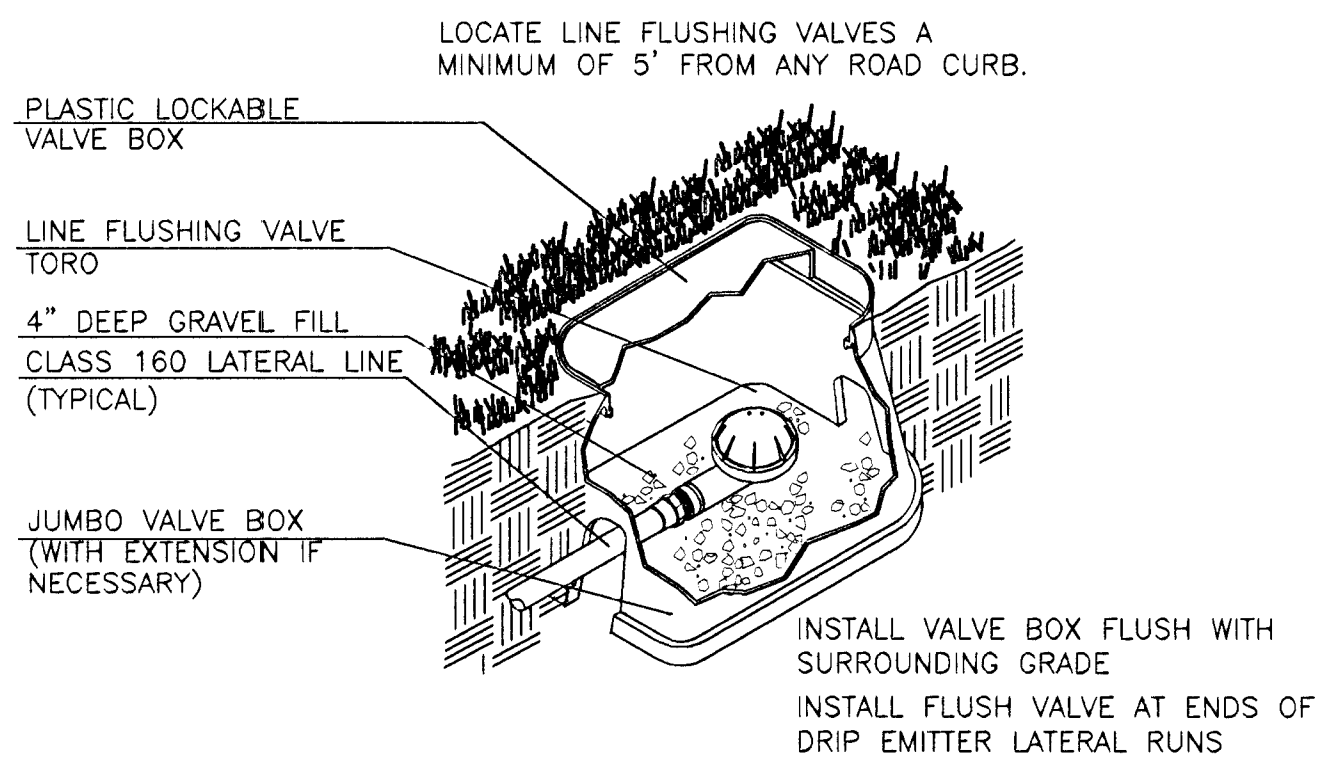
8 ELECTRIC REMOTE IRRIGATION VALVE AND DRIP FILTER
DRIP IRRIGATION ZONES ONLY NO SCALE

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" CLEAN (WASHED)
AGGREGATE, COVER TOP OF AGGREGATE WITH GEOTEXTILE FABRIC.
PROVIDE A MINIMUM OF 12" OF SOIL COVER OVER THE
AGGREGATE. 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 THRU 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 SH. 8. THIS WILL DELIVER WATER TO THE
BOTTOM OF THE PLANT BED WHERE IT WILL BE PICKED UP BY
THE UNDERDRAIN SYSTEM.

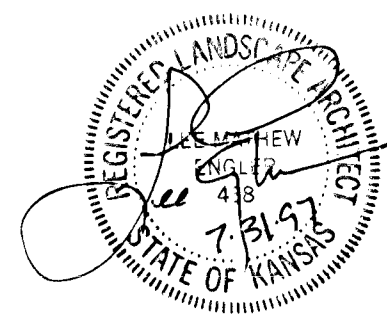


9 NETAFIM AIR/VACUUM RELIEF
PLUMBED TO NETAFIM NO SCALE

10 LINE FLUSHING VALVE
DRIP EMITTER ZONES ONLY NO SCALE

11 DRIPLINE LAYOUT IN PLANTING BEDS
NO SCALE

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



KANSAS DEPARTMENT OF TRANSPORTATION
KELLOGG AND WEST STREET
IRRIGATION DETAILS

PROJECT NO. # 701227

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