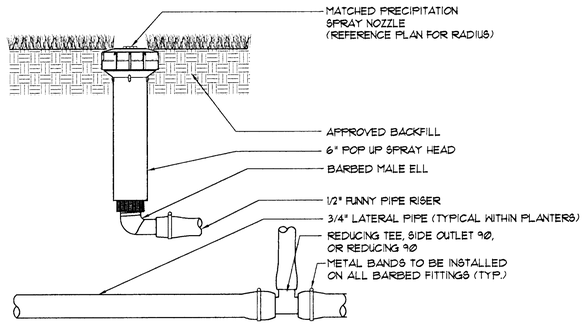
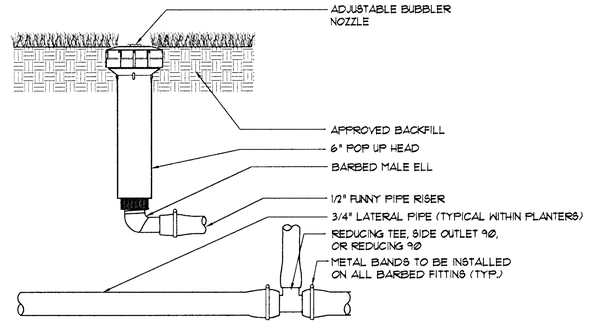


SECTION/ELEVATION

• NOTES: INSTALL SPRINKLER 1" ABOVE FINISHED GRADE

1 6" POP UP SPRAY HEAD

N.T.S.

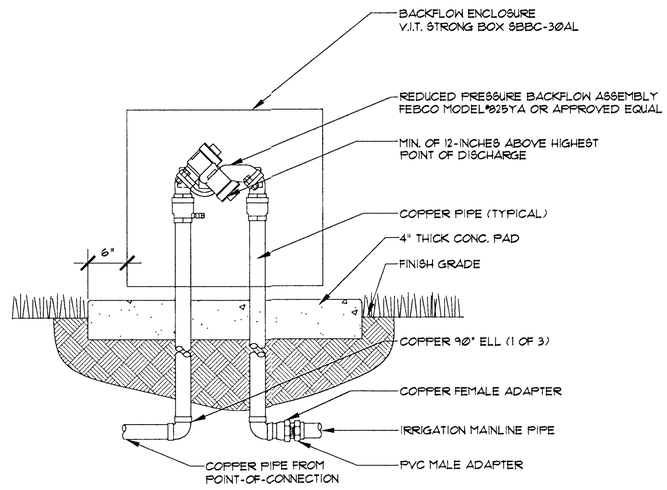


SECTION/ELEVATION

• NOTES: INSTALL SPRINKLER 1" ABOVE FINISHED GRADE

2 6" POP UP BUBBLER

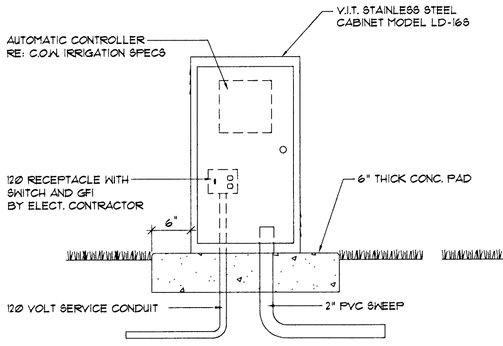
N.T.S.



NOTE:
1. INSTALL BACKFLOW PREVENTER AS REQUIRED BY LOCAL CODES AND HEALTH DEPARTMENT. VERIFY LOCAL REQUIREMENTS PRIOR TO INSTALLATION.

3 REDUCED PRESSURE BACKFLOW ASSEMBLY

N.T.S.

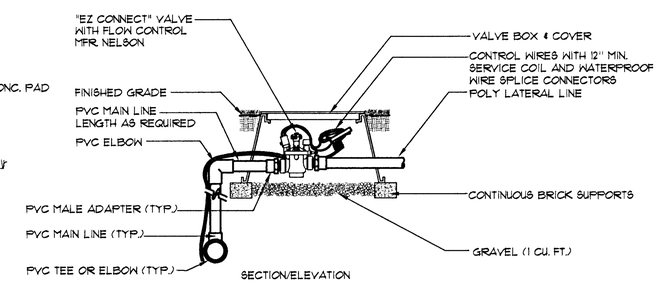


4 CONTROLLER ENCLOSURE

SCALE: 1" = 20'-0"

IRRIGATION LEGEND

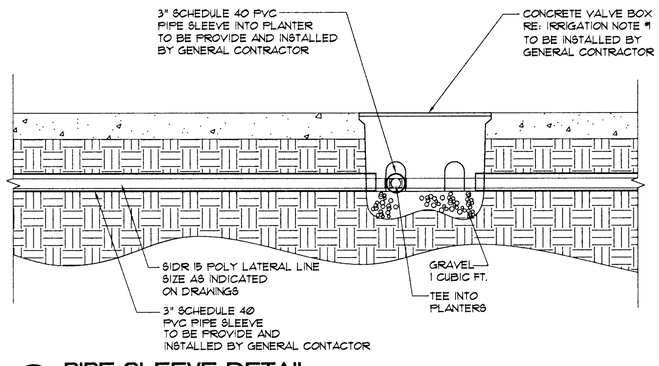
●	6" POP UP SPRAY HEAD
■	6" POP UP ADJ. BUBBLER
(4) 8Q	NUMBER OF HEADS, RADIUS, AND PATTERN
	IRRIGATION VALVE BOX
	CIRCUIT LINE
	MAIN LINE
⊗	BACKFLOW PREVENTER AND ENCLOSURE
= = =	SCHEDULE 40 PIPE SLEEVES BENEATH ROADWAY MINIMUM DEPTH 24"
▲	QUICK COUPLER HOSE CONNECTION LOCATIONS ON MAIN LINE
CONT.	CONTROLLER LOCATION



SECTION/ELEVATION

5 REMOTE CONTROL VALVE

N.T.S.



6 PIPE SLEEVE DETAIL

SCALE: 1" = 1'

IRRIGATION NOTES:

1. IRRIGATION SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF WICHITA STANDARD IRRIGATION SPECIFICATIONS SUBJECT TO THE FOLLOWING REVISIONS. PLEASE ADD THE FOLLOWING TO THE STANDARD SPECS: 9062 MATERIALS

   PIPE:

   b) PLASTIC PIPE:
      1. USE SCHEDULE 40 POLYVINYL CHLORIDE (FOR ALL MAIN LINES).
      5. PE, CONTROLLED ID PIPE: ASTM F 771 AND ASTM D 2239; PE 3408 COMPOUND; ASTM D2239, PE 3408, SIDR 15, 100 PSI POLY PIPE (FOR ALL LATERAL LINES).
      6. INSERT FITTINGS FOR PE PIPE: ASTM D 2609, PA OR PP, SECURE WITH PROPER SIZE STAINLESS STEEL CEITEKER CLAMPS.

   VALVE BOXES:

   a) TURF AREAS - USE AMETEK 18" VALVE BOX OR APPROVED EQUAL
   b) PEDESTRIAN SIDEWALK AREAS - USE POLYMER CONCRETE BOX, H SERIES LIGHT WEIGHT, MODEL ¶HLW1118-12, MANUFACTURED BY CARSON INDUSTRIES LLC, OR APPROVED EQUAL. KNOCK OUTS SHALL BE PROVIDED ON 3 SIDES MIN. AND THE WORD "IRRIGATION" STAMPED ONTO COVER.
   c) VEHICULAR TRAFFIC AREAS - USE POLYMER CONCRETE BOX, H SERIES HEAVY DUTY, MODEL ¶H1118-12, MANUFACTURED BY CARSON INDUSTRIES LLC, OR APPROVED EQUAL. KNOCK OUTS SHALL BE PROVIDED ON 3 SIDES MIN. AND THE WORD "IRRIGATION" STAMPED ONTO COVER.

   CONCRETE VALVE BOXES TO BE PROVIDED AND INSTALLED BY GENERAL CONTRACTOR

   BACKFLOW ENCLOSURE

   USE V.I.T. STRONG BOX SBBC-30AL OR APPROVED EQUAL.

   CONTROLLER ENCLOSURE

   USE V.I.T. STRONG BOX LD-16S OR APPROVED EQUAL

   PIPE SLEEVES

   a) SLEEVES - USE 3" SCHEDULE 40 PVC WITH SOLVENT WELD JOINTS

   HEADS

   USE 6" POP UP SPRAY HEADS AND 6" POP UP ADJUSTABLE BUBBLERS WHERE INDICATED ON PLANS ACCEPTABLE MANUFACTURERS: RAINBIRD, NELSON, TORO OR APPROVED EQUAL.
2. IRRIGATION CONTRACTOR SHALL COORDINATE WITH GENERAL CONTRACTOR ON THE TIMING OF THE INSTALLATION OF SLEEVES AND VALVE BOXES LOCATED IN PAVED AREAS.
3. SYSTEM SHALL BE PROGRAMMED TO RUN IN THE EARLY MORNING PRIOR TO 6:00 AM.
4. IRRIGATION CONTRACTOR SHALL NOT USE AUTOMATIC DRAIN VALVES. MANUAL DRAIN VALVES LOCATED AT SYSTEM LOW POINTS SHALL BE INSTALLED.
5. BACKFLOW PREVENTER SHALL BE INSTALLED AT THE DISTANCE ABOVE THE HIGHEST SPRINKLER HEAD AS REQUIRED BY LOCAL CODE.
6. LINE SIZES INDICATED ARE MINIMUMS CONTRACTOR MAY CHOOSE TO SIZE LINES LARGER AT NO ADDITIONAL COST TO OWNER.
7. ALL IRRIGATION WILL BE BASE BID.

CITY OF WICHITA

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WEST DOUGLAS STREETSCAPE
ARKANSAS RIVER TO SENECA
WICHITA, KANSAS

IRRIGATION DETAILS

PROJECT NO. 472 83608
MVP PROJECT NO. 101008
DATE: AUGUST 7, 2002
REVISED:
REVISED CONST. SET: FEBRUARY 7, 2003

SHEET
SP4.6