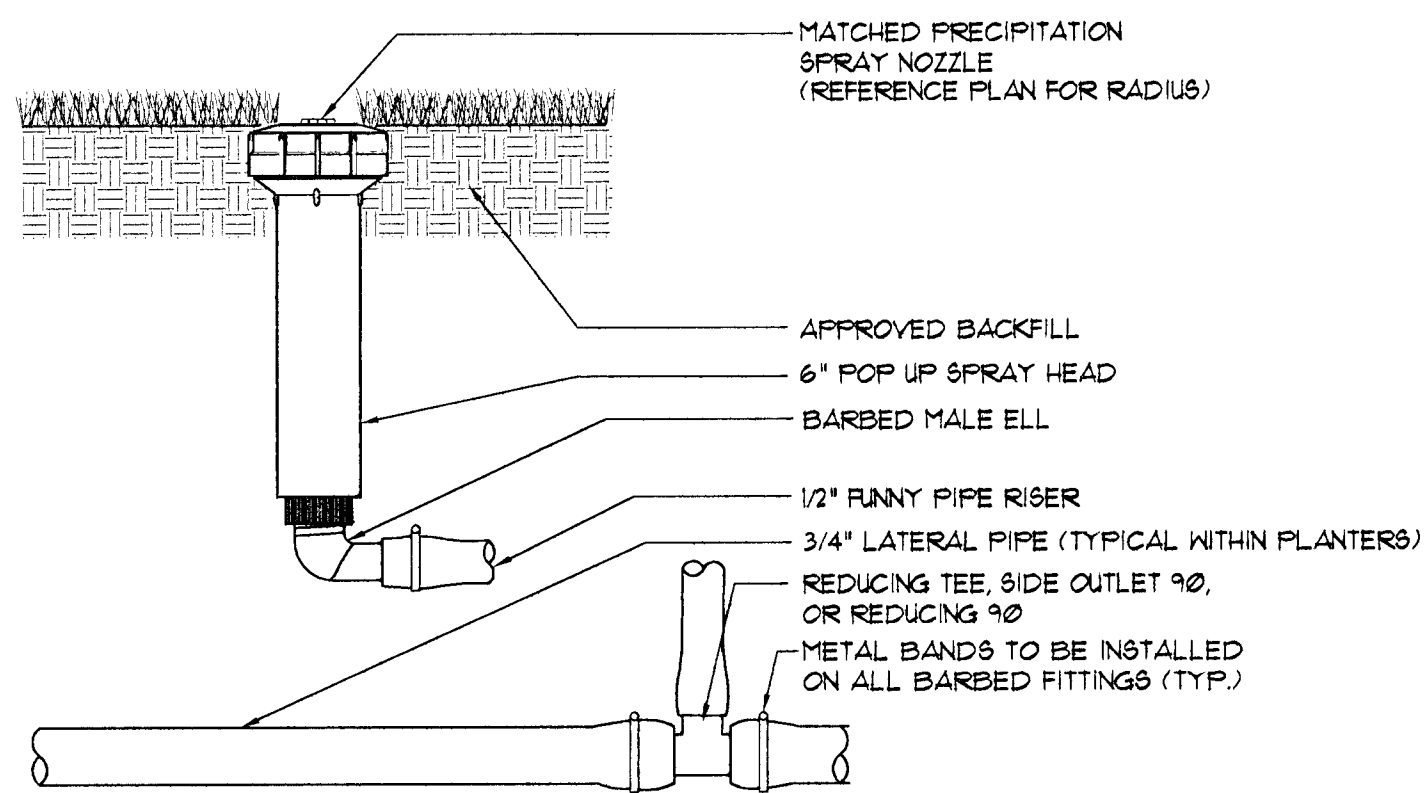
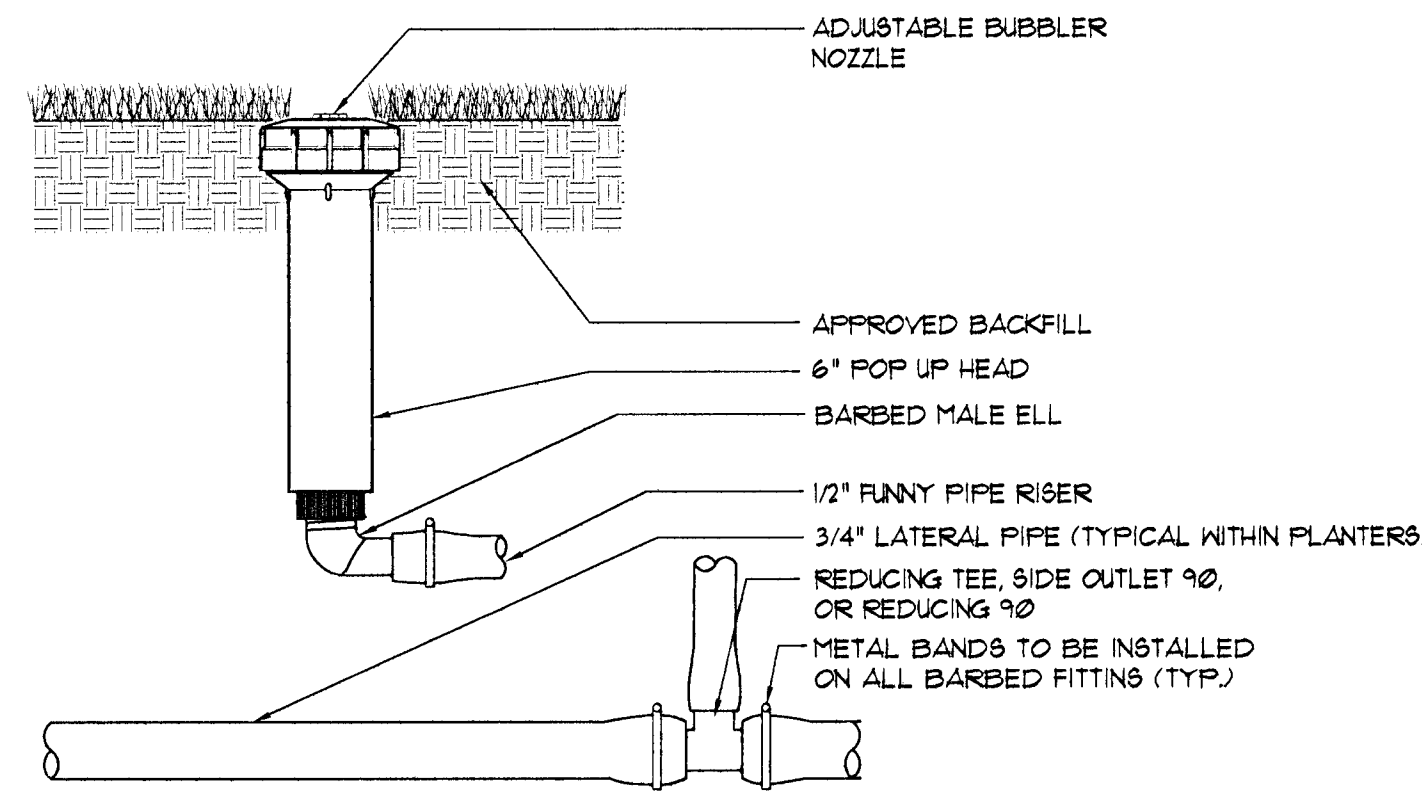




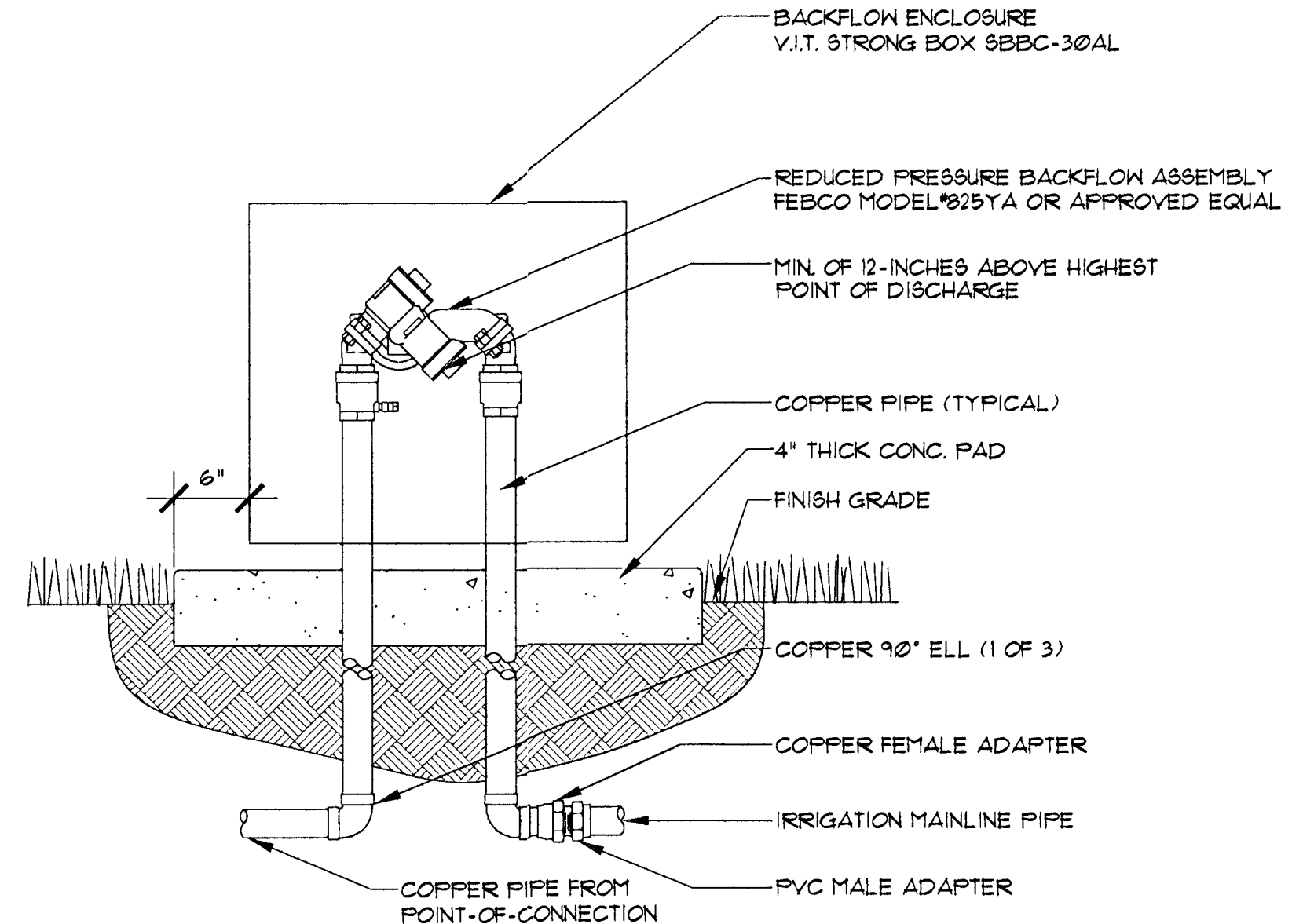
SECTION/ELEVATION

* NOTES: INSTALL SPRINKLER 1" ABOVE FINISHED GRADE



SECTION/ELEVATION

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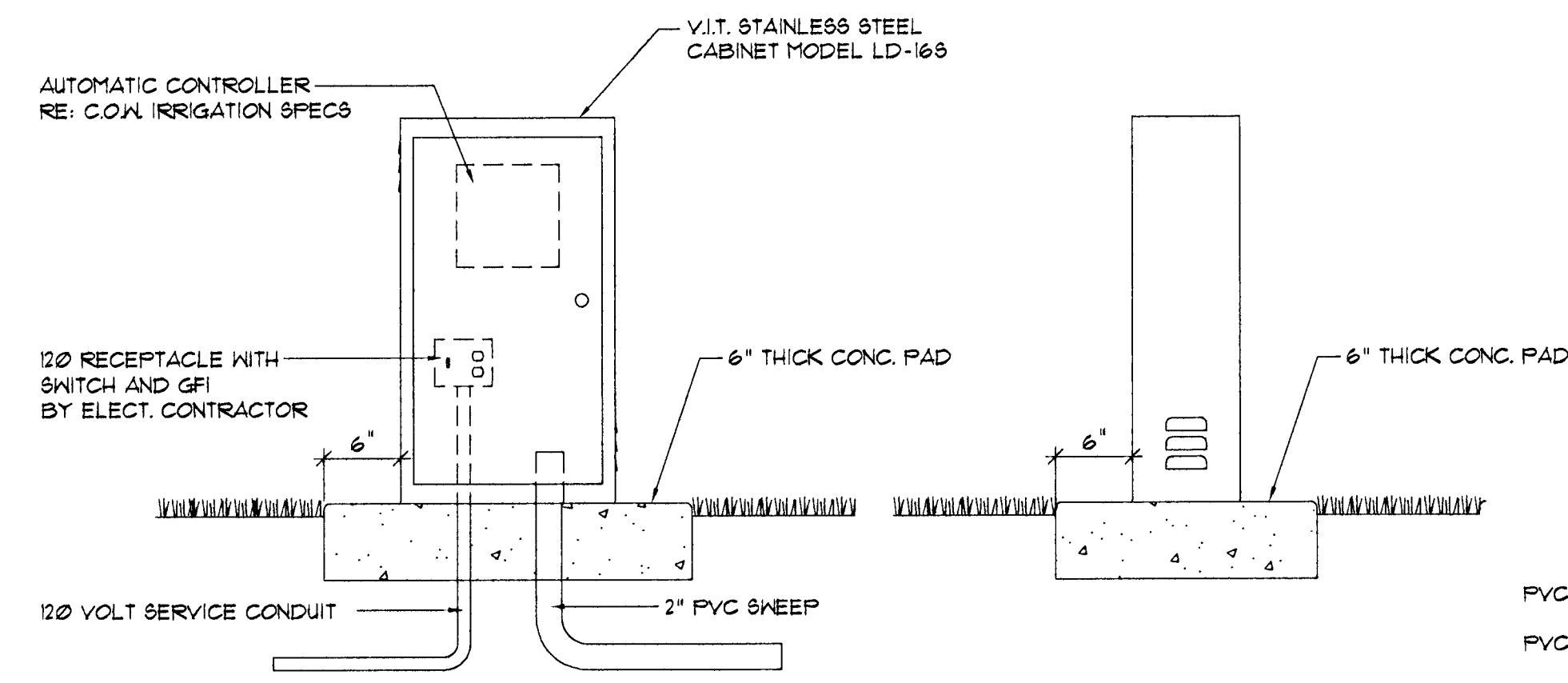


NOTE:
1. INSTALL BACKFLOW PREVENTER AS REQUIRED BY LOCAL CODES AND HEALTH DEPARTMENT. VERIFY LOCAL REQUIREMENTS PRIOR TO INSTALLATION.

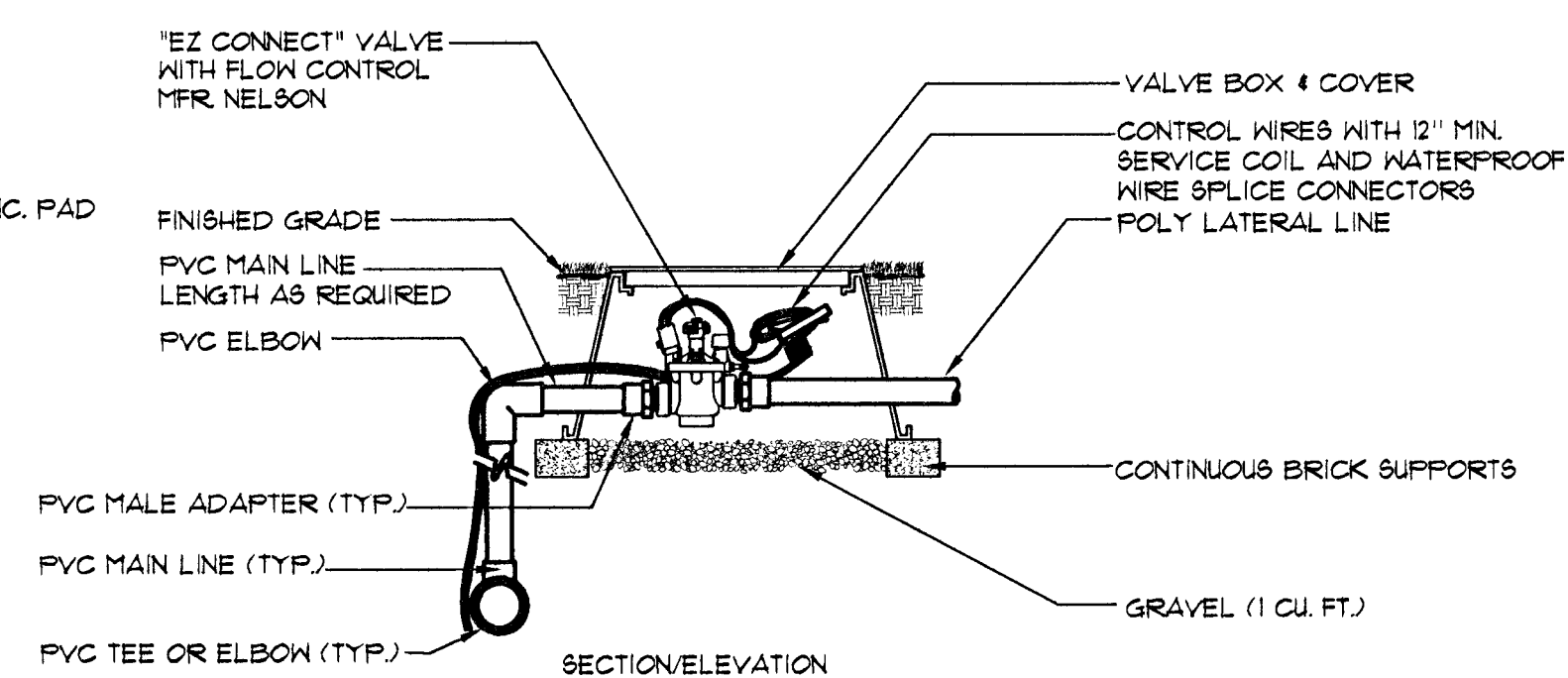
1 6" POP UP SPRAY HEAD N.T.S.

2 6" POP UP BUBBLER N.T.S.

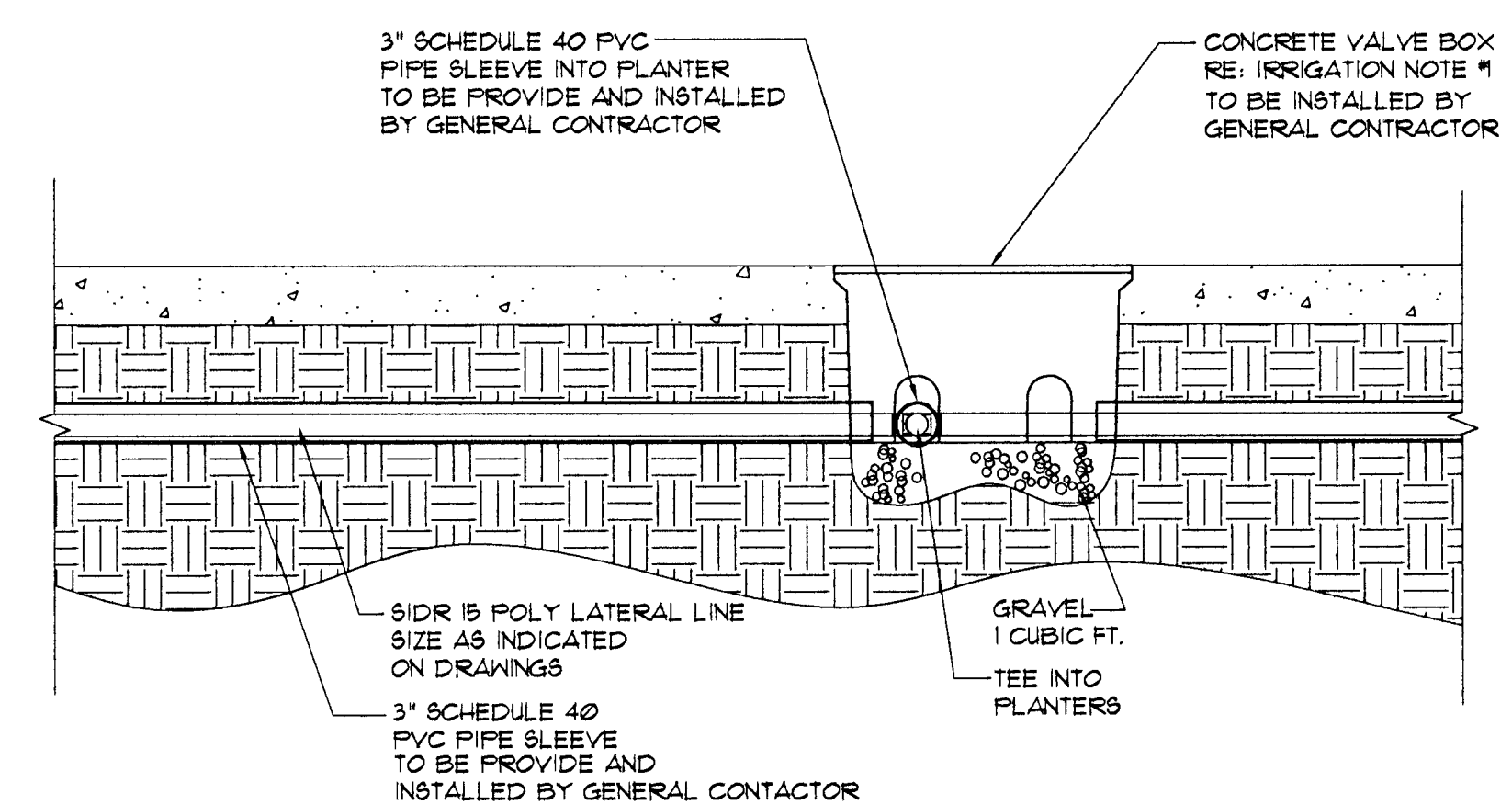
3 REDUCED PRESSURE BACKFLOW ASSEMBLY N.T.S.



4 CONTROLLER ENCLOSURE SCALE: 1" = 20'-0"



5 REMOTE CONTROL VALVE N.T.S.



6 PIPE SLEEVE DETAIL SCALE: 1" = 1'

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

IRRIGATION NOTES:

- 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:
 - PLASTIC PIPE:
 - USE SCHEDULE 40 POLYVINYL CHLORIDE (FOR ALL MAIN LINES).
 - FE, CONTROLLED ID PIPE: ASTM F 111 AND ASTM D 2239+ FE 3408 COMPOUND+ ASTM D2239, FE 3408, SDR 15, 100 PSI POLY PIPE (FOR ALL LATERAL LINES).
 - INSERT FITTINGS FOR FE PIPE: ASTM D 2629, PA OR PP, SECURE WITH PROPER SIZE STAINLESS STEEL ORITEKER CLAMPS.
 - VALVE BOXES:
 - TURF AREAS - USE AMETEK 18" VALVE BOX OR APPROVED EQUAL.
 - PEDESTRIAN SIDEWALK AREAS - USE POLYMER CONCRETE BOX, H SERIES LIGHT WEIGHT, 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.
 - 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.
- BACKFLOW ENCLOSURE
USE V.I.T. STRONG BOX 8BEC-30AL OR APPROVED EQUAL.
- CONTROLLER ENCLOSURE
USE V.I.T. STRONG BOX LD-168 OR APPROVED EQUAL.
- PIPE SLEEVES
 - 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.
- IRRIGATION CONTRACTOR SHALL COORDINATE WITH GENERAL CONTRACTOR ON THE TIMING OF THE INSTALLATION OF SLEEVES AND VALVE BOXES LOCATED IN PAVED AREAS.
- SYSTEM SHALL BE PROGRAMMED TO RUN IN THE EARLY MORNING PRIOR TO 6:00 AM.
- IRRIGATION CONTRACTOR SHALL NOT USE AUTOMATIC DRAIN VALVES. MANUAL DRAIN VALVES LOCATED AT SYSTEM LOW POINTS SHALL BE INSTALLED.
- BACKFLOW PREVENTER SHALL BE INSTALLED AT THE DISTANCE ABOVE THE HIGHEST SPRINKLER HEAD AS REQUIRED BY LOCAL CODE.
- LINE SIZES INDICATED ARE MINIMUMS CONTRACTOR MAY CHOOSE TO SIZE LINES LARGER AT NO ADDITIONAL COST TO OWNER.
- ALL IRRIGATION WILL BE BASE BID.

CONCRETE VALVE BOXES TO BE PROVIDED AND INSTALLED BY GENERAL CONTRACTOR



IRRIGATION DETAILS

McCLUGGAGE VAN SICKLE & PERRY

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TEL 316.261.4641 • FAX 316.261.4646

WEST DOUGLAS STREETSCAPE
ARKANSAS RIVER TO SENECA
WICHITA, KANSAS

PROJECT NO. 4712 8/30/08
MVP PROJECT NO. 10/10/08
DATE: AUGUST 1, 2002
REVISED
REVISED CONST. SET: FEBRUARY 1, 2003

SHEET
SP4.6