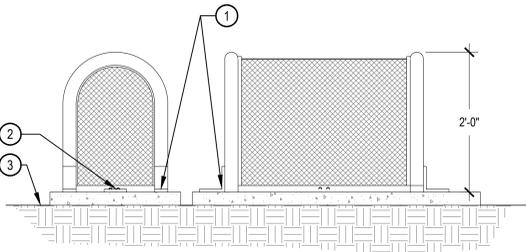


- NOTE:
 1. INSTALL PER LOCAL CODES AND MANUFACTURER'S SPECIFICATIONS.
 2. PROVIDE PVC PIPE PROTECTION AROUND COPPER SUPPLY LINES AS THEY GO THROUGH THE CONCRETE SLAB BASE.
 3. BACKFLOW PREVENTION DEVICES SHALL BE PLACED A MINIMUM OF TWO (2) FEET FROM THE WATER METER AND BE THE SAME SIZE AS THE METER SERVICE LINE.
 4. PROVIDE THRUST BLOCKS FOR LINES 2-1/2" OR LARGER.

B1 BACKFLOW PREVENTER

SCALE: NTS

- 1 WELDED BRACKETS - BOTH ENDS
- 2 DRILL TWO 5/16" HOLES CENTERED FOR LOCKING BRACKET
- 3 FINISH GRADE



- NOTE:
 1. INSTALL GUARDSHACK GS1 = 10" W x 24" H x 22" L LIFT-OFF UNIT 51 POWDER COATED STEEL GUARD SHACK PER MANUFACTURER'S SPECIFICATIONS.
 2. ALL BOLTS FOR MOUNTING BRACKETS SHALL BE ZINC PLATED TAMPER PROOF.
 3. PRODUCT AVAILABLE FROM GUARDSHACK 3831 E. GROVE ST. PHOENIX, AZ 85040 PH: (602) 426-1002 EXT. 422 FX: (602) 426-1005
 4. PROVIDE KEYED PADLOCK, MASTER LOCK MODEL #957 W/ (2) TWO KEYS FOR LOCKING SECURITY ENCLOSURE.

D1 GUARDSHACK LIFT-OFF BACKFLOW ENCLOSURE

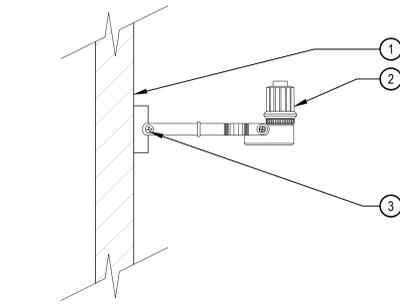
SCALE: NTS

- 1 RAIN SENSOR INSTALLED ON CONTROLLER PEDESTAL
- 2 METAL ENCLOSURE CONTROLLER PER SCHEDULE
- 3 METAL PEDESTAL MOUNT ENCLOSURE PER SCHEDULE
- 4 1" ELECTRICAL SUPPLY CONDUIT - SIZE, TYPE, DEPTH PER LOCAL CODE
- 5 GROUND WIRE CONDUIT MIN. 1-1/2" GROUND PER ASIC GUIDELINES.
- 6 6" THICK CONCRETE BASE WITH SLEEVES FOR CONDUIT
- 7 FINISH GRADE
- 8 CONDUIT FOR DIRECT BURY CONTROL WIRES. EXTEND CONDUIT 5' FROM CONTROLLER

- NOTE:
 1. ALL ELECTRICAL AND CONTROLLER WIRE TO BE INSTALLED PER LOCAL CODE AND MANUFACTURER'S SPECIFICATIONS.
 2. PROVIDE LOCK AND KEY FOR ENCLOSURE.
 3. GROUND CONTROLLER PER LOCAL CODE, MANUFACTURER AND ASIC SPECIFICATIONS.
 4. PROVIDE WATERPROOF SEALANT FOR ALL CONDUIT AND WIRE ACCESS POINTS.
 5. RAIN SENSOR TO BE LOCATED IN FULL SUN AND AWAY FROM ANY OVERHEAD SPRAY.

F1 CONTROLLER PEDESTAL

SCALE: NTS

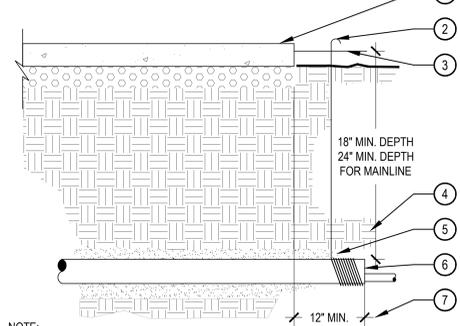


- NOTE:
 1. INSTALL WR-2 PER MANUFACTURER'S SPECIFICATIONS.
 2. MOUNT SENSOR'S RECEIVER ADJACENT TO IRRIGATION CONTROLLER.
 3. FINAL LOCATION AND MOUNTING SYSTEM TO BE APPROVED BY OWNERS REPRESENTATIVE.

B3 WIRELESS RAIN SENSOR

SCALE: NTS

- 1 PAVING
- 2 WRAP 12 GAUGE GALVANIZED WIRE AROUND EACH END OF SLEEVE (10 WRAPS MIN.) AND EXTEND TO SURFACE AS A LOCATING DEVICE.
- 3 FINISH GRADE / TOP OF DG.
- 4 COMPACT SOIL AROUND SLEEVE TO SAME DENSITY AS ADJACENT UNDISTURBED SOIL.
- 5 WASHED AND GRADED MORTAR SAND BACKFILL IN ROCKY SOIL CONDITIONS.
- 6 PVC SLEEVE PER SCHEDULE. TWICE DIAMETER OF THE SUM OF THE PIPES/ WIRES
- 7 EXTEND SLEEVES 12" BEYOND EDGES OF PAVING

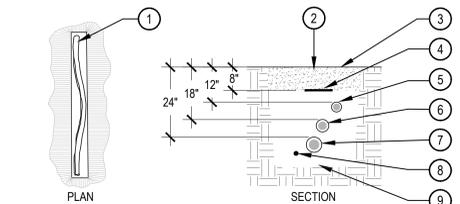


- NOTE:
 1. ALL SLEEVES SHALL BE INSPECTED PRIOR TO BACKFILLING.
 2. CAP SLEEVES UNTIL USE.
 3. MULTIPLE SLEEVES REQUIRE 4" HORIZONTAL SEPARATION WITHIN SAME SLEEVE TRENCH.
 4. IRRIGATION PIPE AND WIRE SHALL NOT SHARE THE SAME SLEEVE.
 5. MARK / STAMP - 'V' AND/OR INSTALL PLACARD AT BACK OF CURB.

D3 IRRIGATION SLEEVE

SCALE: NTS

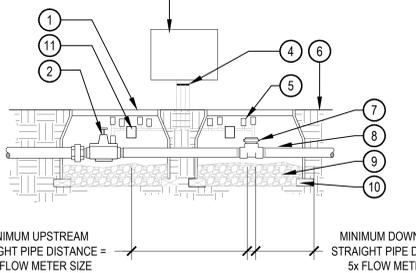
- 1 SNAKE PVC OR POLYETHYLENE PIPE IN TRENCH
- 2 EXCAVATED COVER MATERIAL (SEE NOTES)
- 3 FINISH GRADE
- 4 INDICATOR TAPE (MAIN LINE)
- 5 PVC LATERAL (12" MIN. COVERAGE, 18" MIN. COVERAGE BELOW PEDESTRIAN WALKS.)
- 6 IRRIGATION SUB-MAIN LATERAL
- 7 IRRIGATION MAINLINE
- 8 VALVE WIRING
- 9 BEDDING MATERIAL (SEE NOTES)



- NOTE:
 1. ALL MAINLINES TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 2. ALL PVC PIPING TO BE SNAKED IN TRENCHES AS SHOWN IN PLAN VIEW ABOVE.
 3. ALL 120 VOLT WIRING IN CONDUIT TO BE INSTALLED AS PER LOCAL CODES.
 4. ALL ELECTRICAL WIRE CONNECTIONS TO VALVES AND SPLICES TO BE INSTALLED WITHIN A VALVE BOX AND MADE WITH DBY WATERPROOF CONNECTORS, OR APPROVED EQUAL.
 5. BUNDLE AND TAPE WIRING AT 10' INTERVALS
 6. VALVE WIRES TO BE INSTALLED WITHIN MAINLINE TRENCH WHEREVER POSSIBLE.
 7. BEDDING MATERIAL SHALL BE 1/4" MINUS SAND, AND SHALL BE 3" BELOW LOWEST PIPE OR WIRE AND 3" ABOVE HIGHEST PIPE OR WEIR WITHIN TRENCH.
 8. BEDDING MATERIAL SHALL BE IN MAINLINE TRENCH ONLY.
 9. BEDDING IS NOT REQUIRED IN POLYETHYLENE TUBING TRENCHES.
 10. EXCAVATED COVER MATERIAL SHALL BE FREE FROM DEBRIS AND ROCKS 1/2" OR GREATER.
 11. PIPE BEDDING MATERIAL TO BE ROCK AND DEBRIS FREE, BACKFILL IN 6" LIFTS, PUDDLE WITH WATER, BETWEEN LIFTS.

F3 IRRIGATION TRENCH

SCALE: NTS

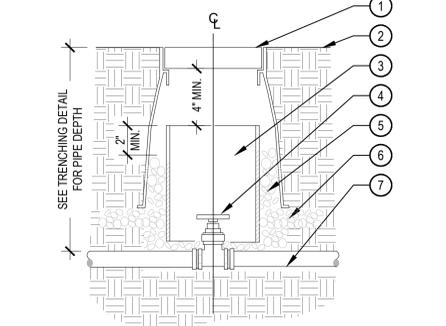


- NOTE:
 1. INSTALL SENSOR AND MASTER VALVE DECODERS PER MANUFACTURER'S SPECIFICATIONS FOR WIRING AND GROUNDING

B6 MASTER VALVE / FLOW SENSOR INSTALLATION

SCALE: NTS

- 1 LOCKING ROUND BOX & COVER PER SCHEDULE. TOP OF BOX TO BE FLUSH WITH FINISH GRADE
- 2 FINISH GRADE
- 3 2" CL160 PVC ACCESS SLEEVE LENGTH AS REQUIRED.
- 4 GATE VALVE W/ CROSS HANDLE AND SOLID WEDGE DISC PER SCHEDULE
- 5 3/4" GRAVEL SUMP FILL IN AND AROUND BOX AS REQUIRED.
- 6 3" DEPTH 3/4" GRAVEL EXTEND 6" BEYOND EDGE OF BOX
- 7 PVC MAINLINE AS PER PLAN

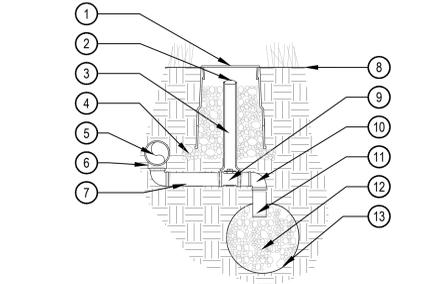


- NOTE:
 1. COMPACT SOIL AROUND GATE VALVE ASSEMBLY TO THE SAME DENSITY AS ADJACENT UNDISTURBED SUBGRADE.
 2. DO NOT REST VALVE BOX OR ACCESS SLEEVES ON MAINLINE OR LATERAL LINE.
 3. PROVIDE GATE VALVE KEY - LENGTH AS REQUIRED.

D6 GATE VALVE 3" & SMALLER

SCALE: NTS

- 1 10" LOCKING ROUND BOX & COVER PER SCHEDULE. TOP OF BOX TO BE FLUSH WITH FINISH GRADE.
- 2 2" VALVE MARKER
- 3 2" CL160 PVC ACCESS SLEEVE LENGTH AS REQUIRED.
- 4 3" DEPTH 3/4" CRUSHED GRAVEL 6" BEYOND EDGE OF BOX
- 5 PVC PRESSURE MAIN LINE
- 6 SCH. 80 TEE PER MAINLINE SIZE. ALIGN IN A DOWNWARD POSITION
- 7 SCH. 80 PVC NIPPLE
- 8 FINISH GRADE
- 9 1" BRONZE STOP VALVE WITH SLOTTED KEY OPERATOR
- 10 SCH. 80 PVC ELL
- 11 SCH. 80 PVC NIPPLE
- 12 3/4" GRAVEL SUMP - 1 CU. FT. MIN
- 13 SOIL BLANKET ENCLOSING SUMP AMOCO ENG. FABRIC 4545 - 4.5 OZ. OR EQUAL



- NOTE:
 1. ALL THREADED CONNECTIONS SHALL BE COATED WITH TEFLON TAPE.
 2. LOCATE DRAIN VALVE AT POINT OF CONNECTION AND AT ALL LOW POINT(S) ALONG THE IRRIGATION MAINLINE AS NEEDED.

F6 MANUAL DRAIN VALVE

SCALE: NTS

DEDUCTIVE ALTERNATES:

- (DEDUCTIVE ALTERNATES ARE CASCADING AND MUST BE EXERCISED IN THE ORDER PRESENTED) FOR DETAILS OF EACH DEDUCTIVE SEE COVER SHEET ON G1000
- DEDUCTIVE ALTERNATE #1: REDUCE WATER AND ICE SHIELD COVERAGE
 - DEDUCTIVE ALTERNATE #2: ELIMINATE TUNNEL (EAST LEG)
 - DEDUCTIVE ALTERNATE #3: ELIMINATE FAUX WINDOWS AT CLEARSTORY
 - DEDUCTIVE ALTERNATE #4: ELIMINATE WORK AT B6 CORRIDOR
 - DEDUCTIVE ALTERNATE #5: ELIMINATE CONCRETE
 - DEDUCTIVE ALTERNATE #6: ELIMINATE LANDSCAPE
 - DEDUCTIVE ALTERNATE #7: REDUCE PLATFORM AT CHILLER
 - DEDUCTIVE ALTERNATE #8: ELIMINATE NVR SECURITY
 - DEDUCTIVE ALTERNATE #9: ELIMINATE LARGE PORCH
 - DEDUCTIVE ALTERNATE #10: ELIMINATE SMALL PORCH A
 - DEDUCTIVE ALTERNATE #11: ELIMINATE SMALL PORCH B
 - DEDUCTIVE ALTERNATE #12: ELIMINATE ENTRANCE CANOPY
 - DEDUCTIVE ALTERNATE #13: ELIMINATE FENCE/FAUX ROOFS AT RESIDENT ROOMS
 - DEDUCTIVE ALTERNATE #14: ELIMINATE PATIENT LIFTS TRACK EXTENSION
 - DEDUCTIVE ALTERNATE #15: ELIMINATE POROUS ASPHALT / PARKING / PORTION OF DRIVE ENTRANCE
 - DEDUCTIVE ALTERNATE #16: ELIMINATE EXTERIOR SIGNAGE

DEDUCTIVE ALTERNATE #6

5/14/2020 10:10:28 AM

BM 360/054-18-824 Landscape Entire Facility/54-18-824 Landscape Entire Facility.vr

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A MULTI-DISCIPLINE COMPANY

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Professional Seal for Joshua Orth, State of New York, No. 70921, Expires 03/31/2023.

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
IRRIGATION DETAILS - DEDUCTIVE ALTERNATE #6 ELIMINATE LANDSCAPE

Approved: _____

Phase
ISSUED FOR CONSTRUCTION

FULLY SPRINKLERED

Project Title
NEW COMMUNITY LIVING CENTER

Location
 2094 Albany Post Road, Montrose, NY 10548

Issue Date
 05/09/2022

Checked
 JMO

Drawn
 MSJD

Project Number
 620-334

Building Number
 CLC

Drawing Number
L1501