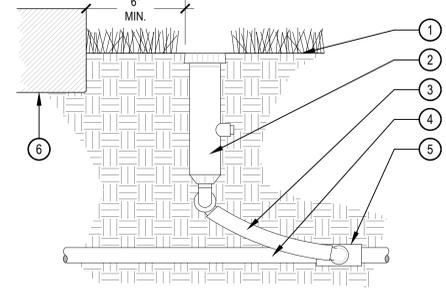


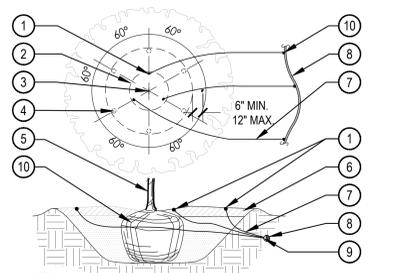
- 1 10" ROUND BOX & COVER PER SCHEDULE, TOP OF BOX TO FLUSH WITH FINISH GRADE
- 2 FINISH GRADE
- 3 QUICK COUPLER VALVE W/ LOCKING COVER PER SCHEDULE
- 4 SCH. 80 NIPPLE
- 5 3" DEPTH 3/4" GRAVEL BASE EXTEND 6" BEYOND EDGE OF BOX
- 6 1" PVC SWING JOINT
- 7 PVC MAINLINE
- 8 24" #4 REBAR TO HOLD COUPLER IN PLACE W/ (2) STAINLESS STEEL CLAMPS

NOTE:
 1. EACH QUICK COUPLER SHALL BE IN A SEPARATE VALVE BOX
 2. PROVIDE (1) QUICK COUPLER KEY FOR EACH QUICK COUPLER VALVE.
 3. QUICK COUPLER SHALL HAVE YELLOW LOCKING RUBBER COVER
 4. COMPACT SOIL AROUND GATE VALVE ASSEMBLY TO THE SAME DENSITY AS ADJACENT UNDISTURBED SUBGRADE.
 5. ALL THREADED CONNECTIONS SHALL BE COATED WITH TEFLON TAPE.



- 1 FINISH GRADE
- 2 POP-UP SPRAY SPRINKLER PER SCHEDULE
- 3 FLEXIBLE SWING JOINT - 18" MAX
- 4 PVC LATERAL PIPE
- 5 PVC SCH. 40 TEE OR ELL, THREADED
- 6 EDGE OF PAVING OR HEADER

NOTE:
 1. AFTER FLUSHING HEADS, REGRADE AND COMPACT AS NEEDED TO RETURN TO FINISH GRADE CONDITION.
 2. SPRINKLERS SHALL BE MIN. 6" FROM ANY WALLS, WALKS, COURTS, AND 12" FROM TURF EDGE.
 3. ADJUST ALL SPRINKLERS HEADS SO THAT NO OVERSPRAY OCCURS ON ANY WALLS, WALKS, COURTS, ETC.
 4. ALL THREADED CONNECTIONS SHALL BE COATED WITH TEFLON TAPE.
 5. COMPACT SOIL AROUND HEAD TO THE SAME DENSITY AS ADJACENT UNDISTURBED SUBGRADE.



- 1 EMISSION POINT, DIFFUSER CAP W/ DRIP STAKE (TYP.)
- 2 PLANT ROOT BALL (TYP.)
- 3 PLANT CENTER (TYP.)
- 4 SECOND EMISSION POINTS SEE NOTE 3 BELOW
- 5 TREE TRUNK
- 6 MULCH LAYER
- 7 1/4" DISTRIBUTION TUBING (LENGTH NOT TO EXCEED 8')
- 8 3/4" POLYETHYLENE DRIP TUBING
- 9 SINGLE OUTLET EMITTER
- 10 ROOTBALL

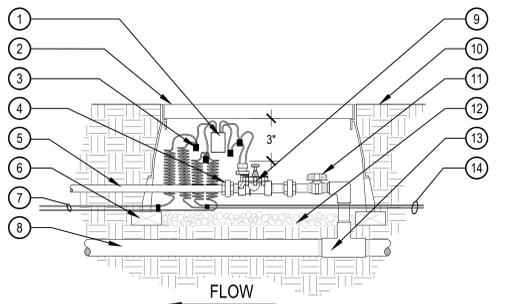
NOTE:
 1. MAXIMUM LENGTH OF ONE DISTRIBUTION TUBE SHALL BE 8'.
 2. ALL EMISSION POINTS SHALL BE LOCATED ON UPHILL SIDE OF PLANT MATERIAL. ONE EMISSION POINT SHALL BE DIRECTLY TO PLANT BALL AS INDICATED. ADDITIONAL EMISSION POINTS SHALL BE WITHIN PLANT PIT PERIMETER AS DIRECTED IN THE EMITTER SCHEDULE.
 3. SECOND EMISSION POINTS, IF NEEDED AS PER THE EMITTER SCHEDULE FOR TREES WITH 3" CALIPER OR GREATER OR CONIFEROUS TREES 10' OR GREATER IN HEIGHT.
 4. THIS IS A WATERING GUIDE ONLY. SITE, SOIL AND PLANT CONDITIONS VARY GREATLY. CONTRACTOR MUST OBSERVE THE PLANT MATERIAL AND MAKE ADJUSTMENTS AS NECESSARY FOR PROPER PLANT WATER REQUIREMENT.

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

B1 QUICK COUPLER

SCALE: NTS

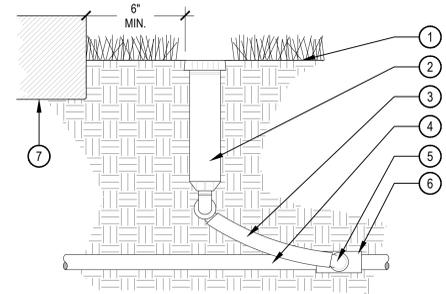


- 1 TWO WIRE DECODER
- 2 PLASTIC LOCKING VALVE BOX PER SCHEDULE, TOP OF BOX TO BE FLUSH WITH FINISH GRADE
- 3 WATERPROOF CONNECTORS
- 4 SCH. 80 PVC UNION (TYP.)
- 5 3/4" TURF LATERAL
- 6 BRICK SUPPORTS 4 MIN.
- 7 PATH WIRE TO NEXT DECODER
- 8 PVC MAINLINE
- 9 VALVE ASSEMBLY
- 10 FINISH GRADE
- 11 PVC BALL VALVE PER SCHEDULE
- 12 3/4" GRAVEL SUMP - 4" DEPTH
- 13 SCH. 80 TEE W/ SCH. 80 NIPPLE
- 14 PATH WIRES FROM CONTROLLER

NOTE:
 1. SEAL WIRE ENDS WITH WATERPROOF SPLICING MATERIAL
 2. 30" MIN. LENGTH OF PATH WIRE COILED AND PLACED IN BOX AT WATERPROOF CONNECTION TO DECODER AND SOLENOID.
 3. INSTALL DECODERS PER HUNTER'S SPECIFICATIONS FOR WIRING AND GROUNDING.

B3 POP-UP SPRAY ASSEMBLY

SCALE: NTS

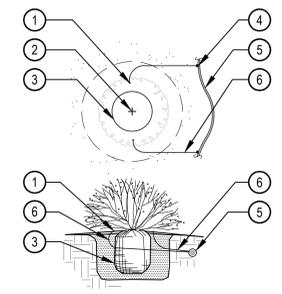


- 1 FINISH GRADE
- 2 GEAR DRIVE ROTOR PER SCHEDULE
- 3 FLEXIBLE SWING PIPE - 18" MAX RAIN BIRD SPX OR EQUAL
- 4 PVC LATERAL PIPE
- 5 (2)3/4" MPT X 1/2" BARB ELBOW RAIN BIRD SBE-075 OR EQUAL
- 6 PVC SCH. 40 TEE OR ELL, SxSxT
- 7 EDGE OF PAVING/HEADER OR EDGE OF TURF

NOTE:
 1. AFTER FLUSHING HEADS, REGRADE AND COMPACT AS NEEDED TO RETURN TO FINISH GRADE CONDITION.
 2. HEADS SHALL BE MIN. 6" FROM ANY PAVING.
 3. ADJUST ALL SPRINKLERS HEADS SO THAT NO OVER SPRAY OCCURS ON ANY PAVING.
 4. ALL THREADED CONNECTIONS SHALL BE COATED WITH TEFLON TAPE.
 5. COMPACT SOIL AROUND HEAD TO THE SAME DENSITY AS ADJACENT UNDISTURBED SUBGRADE.

B6 TREE EMITTER PLACEMENT

SCALE: NTS

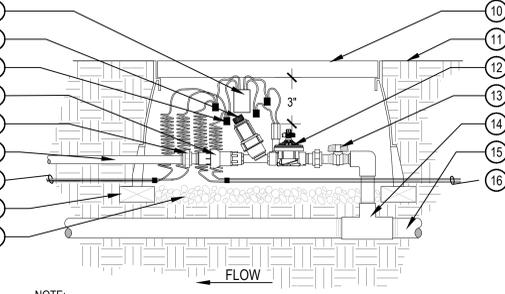


- 1 DIFFUSER CAP W/ DRIP STAKE
- 2 PLANT CENTER
- 3 PLANT ROOTBALL
- 4 SINGLE OUTLET EMITTER
- 5 3/4" POLYETHYLENE DRIP TUBING
- 6 1/4" DISTRIBUTION TUBING (LENGTH NOT TO EXCEED 8')

NOTE:
 1. EMITTERS SHALL BE EQUALLY SPACED AROUND ROOTBALL.
 2. FLUSH ALL LINES THOROUGHLY PRIOR TO EMITTER INSTALLATION.
 3. IF PLANTING ON A 4:1 SLOPE OR STEEPER, INSTALL EMITTERS ON THE UPHILL SIDE OF PLANT.
 4. EMITTERS SHALL BE SELF-FLUSHING PRESSURE COMPENSATING-TYPE UNLESS NOTED OTHERWISE.
 5. DRIP VALVE ZONES (HYDROZONES) ARE DESIGNED TO ACCOUNT FOR DIFFERENCES IN PLANT REQUIREMENTS AND SUN EXPOSURE.
 6. CONTRACTOR SHALL ENSURE HYDROZONES ARE VALVED SEPARATELY AS SHOWN ON PLAN.

D1 TURF VALVE ASSEMBLY W/ DECODER

SCALE: NTS

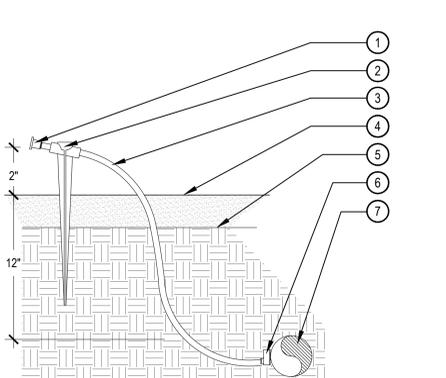


- 1 TWO WIRE DECODER
- 2 WYE FILTER PER ASSEMBLY
- 3 WATERPROOF CONNECTORS
- 4 PRESSURE REGULATOR PER SCH.
- 5 SCH. 80 PVC UNION
- 6 POLYETHYLENE DRIP LATERAL
- 7 WIRE TO NEXT DECODER(S)
- 8 BRICK SUPPORTS 4 MIN.
- 9 4" DEPTH GRAVEL SUMP.
- 10 PLASTIC LOCKING VALVE BOX PER SCHEDULE, TOP OF BOX TO BE FLUSH WITH FINISH GRADE
- 11 FINISH GRADE
- 12 CONTROL VALVE
- 13 PVC BALL VALVE PER SCHEDULE
- 14 SCH. 80 TEE W/ SCH. 80 NIPPLE
- 15 PVC MAINLINE
- 16 WIRES FROM CONTROLLER

NOTE:
 1. SEAL WIRE ENDS WITH WATERPROOF SPLICING MATERIAL
 2. 30" MIN. LENGTH OF PATH WIRE COILED AND PLACED IN BOX AT WATERPROOF CONNECTION TO SOLENOID.
 3. INSTALL DECODERS PER MANUFACTURER'S SPECIFICATIONS FOR WIRING AND GROUNDING.
 4. VALVE BOXES SHALL CONTAIN NO MORE THAN ONE CONTROL VALVE.
 5. ALL PARTS SHOWN IN THIS DETAIL SHALL BE ACCESSIBLE AND SERVICEABLE WITHIN THE VALVE BOX.

D3 ROTOR WITH FLEX JOINT ASSEMBLY

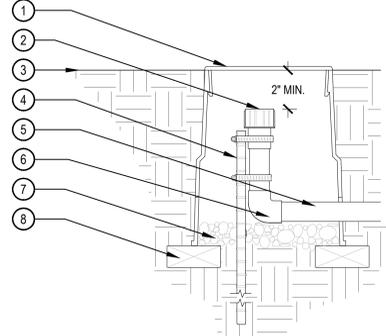
SCALE: NTS



- 1 DBC-25 DIFFUSER CAP
- 2 UNIVERSAL 1/4" TUBING STAKE
- 3 1/4" DISTRIBUTION TUBING, LENGTH NOT TO EXCEED 8'
- 4 TOP OF MULCH
- 5 FINISH GRADE
- 6 PRESSURE COMPENSATING EMITTER PER EMITTER SCHEDULE, LOCATE ON TOP OR SIDE OF DRIP LATERAL
- 7 3/4" POLYETHYLENE TUBING DEPTH PER DETAIL

D6 SINGLE OUTLET EMITTER PLACEMENT

SCALE: NTS



- 1 LOCKING ROUND BOX & COVER PER SCHEDULE, TOP OF BOX TO BE FLUSH WITH FINISH GRADE
- 2 HOSE END SELF FLUSH CAP
- 3 FINISH GRADE
- 4 24" #4 REBAR TO HOLD END CAP IN PLACE W/ (2) STAINLESS STEEL CLAMPS
- 5 POLYETHYLENE LATERAL
- 6 ELBOW COMPRESSION FITTING
- 7 3/4" GRAVEL SUMP, 4" DEPTH
- 8 BRICK (2 REQUIRED MIN.)

NOTE:
 1. COMPACT SOIL AROUND VALVE BOX TO THE SAME DENSITY AS ADJACENT UNDISTURBED SUBGRADE.
 2. SECURE STAKE TO FLUSH END CAP WITH A MIN. OF TWO S.S. CLAMPS.

F1 DRIP VALVE ASSEMBLY W/ DECODER

SCALE: NTS

F3 SINGLE OUTLET EMITTER

SCALE: NTS

F6 DRIP FLUSH END CAP

SCALE: NTS

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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title
 IRRIGATION DETAILS - DEDUCTIVE ALTERNATE #6 ELIMINATE LANDSCAPE

Approved:

Phase
ISSUED FOR CONSTRUCTION

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
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Building Number
 CLC

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Phase
FULLY SPRINKLERED