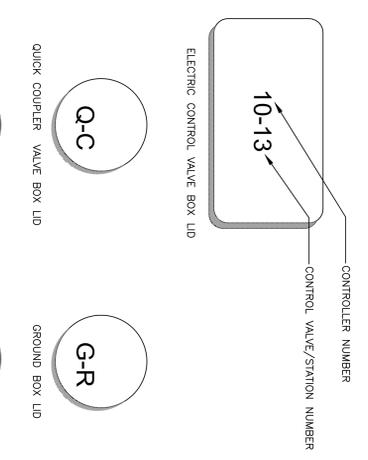
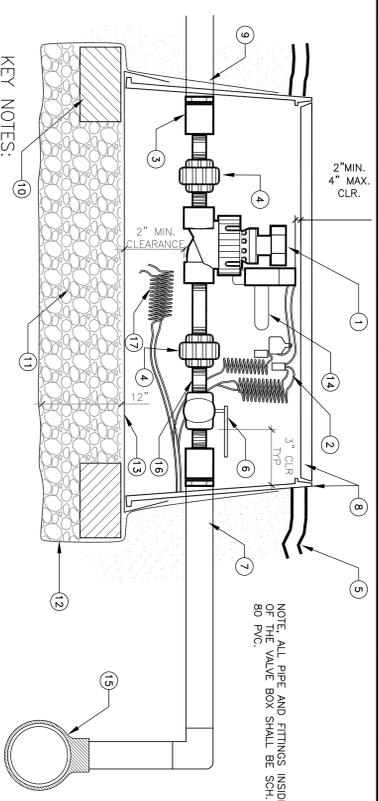


- NOTES:**
1. THRUST BLOCKS 3" IN DIAMETER AND LARGER SHALL RECEIVE CONCRETE
  2. A MINIMUM OF 6" OF CONCRETE SHALL BE FLOURED ON VIGOR OR COMPACTED SOIL BENEATH EACH INSTALLATION.
  3. BACK OF CONCRETE THRUST BLOCK MUST BEAR AGAINST UNDISTURBED OR PROPERLY COMPACTED EARTH.
  4. CONCRETE THRUST BLOCKS SHALL BE USED IN ADDITION TO DUCTILE IRON FITTINGS WITH MECHANICAL JOINT RESTRAINTS.

**B1** TYPICAL CONCRETE THRUST BLOCKS  
NOT TO SCALE

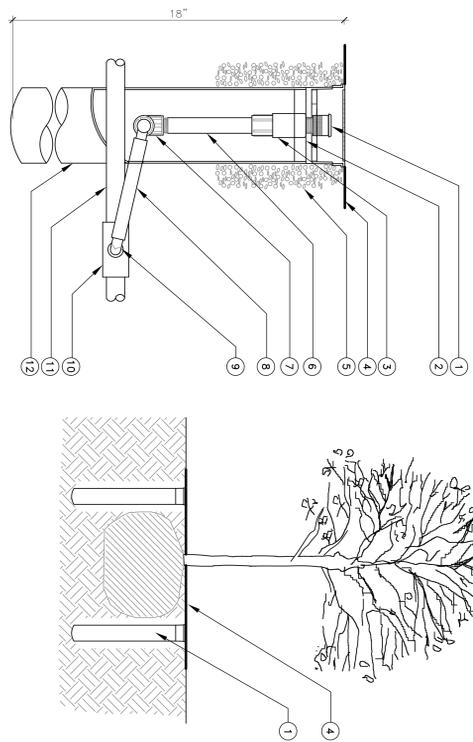


**B3** VALVE BOX BRANDING  
NOT TO SCALE



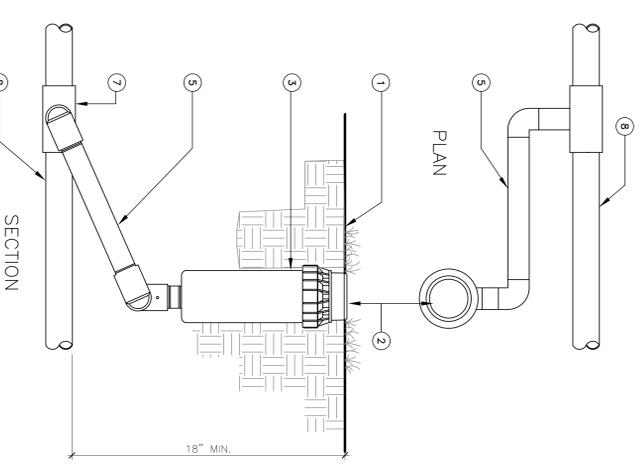
- KEY NOTES:**
1. ELECTRIC CONTROL VALVE (SIZE & MODEL PER PLAN)
  2. BRICK SUPPORTS, VALVE TAPS AND EXPANSION COILS 10" WAPERS AROUND 1/2" PIPE
  3. SCH 80 PVC MALE ADAPTER
  4. SCH 80 PVC MALE UNION
  5. BRASS GLOBE VALVE
  6. PRESSURE REGULATOR
  7. SUPPLY FROM MAINLINE PIPE - SIZE AT LEAST AS LARGE AS LATERAL PIPE SIZE AS REQUIRED
  8. 3/4" SCH 80 PVC MALE ADAPTER
  9. LATERAL PIPE VALVE TRANSITION TO SIZE SHOWN ON PLAN WITHIN 6" OF UNION
  10. CONTINUOUS UNDER VALVE
  11. BOX THICK 3/4" CRUSHED GRAVEL LAYER
  12. FILTER FABRIC
  13. GALV WIRE MESH TO PREVENT RODENT PENETRATION
  14. PRESSURE REGULATING MODULE
  15. MANHOLE CONNECTIONS - DUCTILE IRON TEE WITH JOINT RESTRAINTS
  16. SCH 80 PVC NIPPLE, TYP
  17. SPARE WIRE

**B5** REMOTE CONTROL VALVE  
NOT TO SCALE



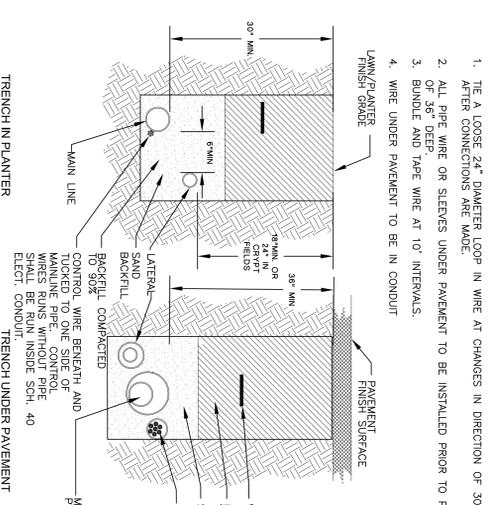
- KEY NOTES:**
1. BUBBLER
  2. ROOT WATERING SYSTEM - SEE IRRIGATION LEGEND
  3. CHECK VALVE
  4. FINISH GRADE
  5. GEOTEXTILE PEVA GRAVEL FOR SANDY SOILS
  6. 1/2" - INCH PVC SCH 80 NIPPLE
  7. 1/2" - INCH 90° DEGREE ELBOW
  8. SWING PIPE, 12-INCH SWING ASSEMBLY
  9. 1/2" - INCH MALE NPT INLET
  10. PVC SCH 40 TEE OR ELL
  11. LATERAL PIPE
  12. 4" - INCH BASKET WEAVE CANISTER

**F1** TREE ROOT WATERING SYSTEM (FLOOD BUBBLERS)  
N.T.S.

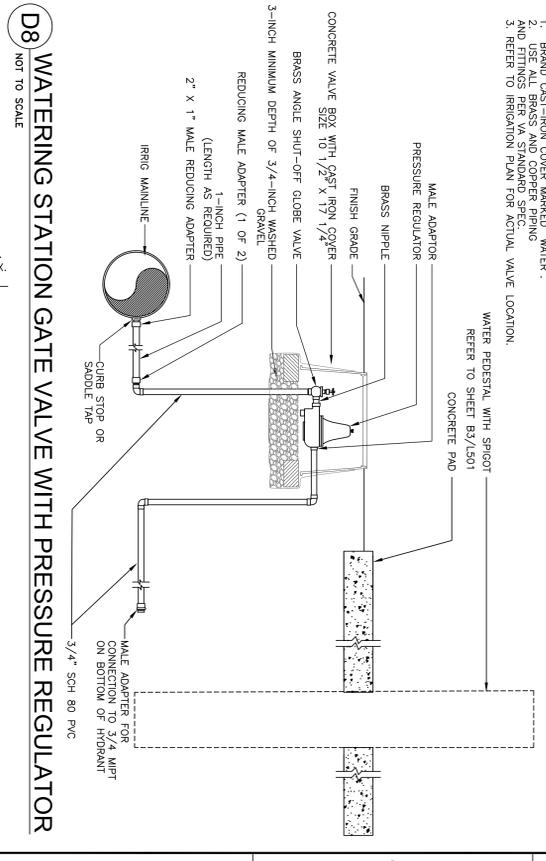


- KEY NOTES:**
1. FINISH GRADE
  2. RUBBER COVER
  3. ROTOR HEAD (SEE LEGEND)
  4. (NOT USED)
  5. FACTORY-FABRICATED, 3 PLANE, PVC SWING JOINT, 150 PSI MIN. RATING
  6. (NOT USED)
  7. PVC TEE
  8. PVC LATERAL LINE

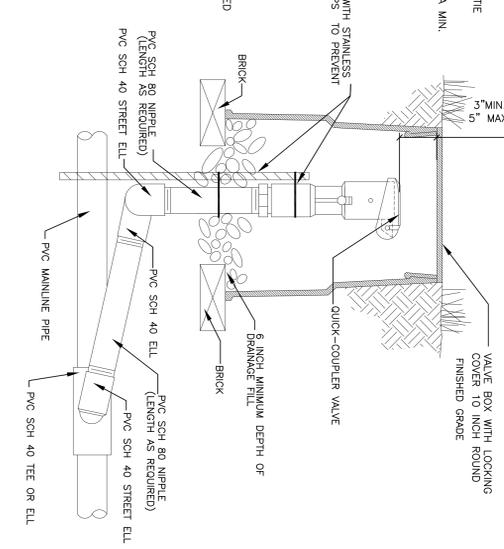
**F4** POP UP ROTOR HEAD  
NOT TO SCALE



**F6** PIPE & WIRE TRENCHING  
NOT TO SCALE



**D8** WATERING STATION GATE VALVE WITH PRESSURE REGULATOR  
NOT TO SCALE



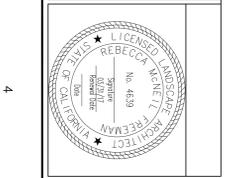
**F8** QUICK COUPLING VALVE  
NOT TO SCALE

Revisions:

No.	Date	Description

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Drawing Title

IRRIGATION DETAILS

Approved Project Director

Project Title

SAN JOAQUIN VALLEY NATIONAL CEMETERY PRE-PLACED CURBS IN SECTION 21

Location

SAN JOAQUIN VALLEY NATIONAL CEMETERY SANTA NEILA CALIFORNIA

Date

09/28/2015

Checked

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Dwg. No.

24

of

25

Project Number

9130M012

Building Number

Drawing Number

1-3

**NATIONAL CEMETERY ADMINISTRATION DESIGN AND CONSTRUCTION SERVICE**

Department of Veterans Affairs