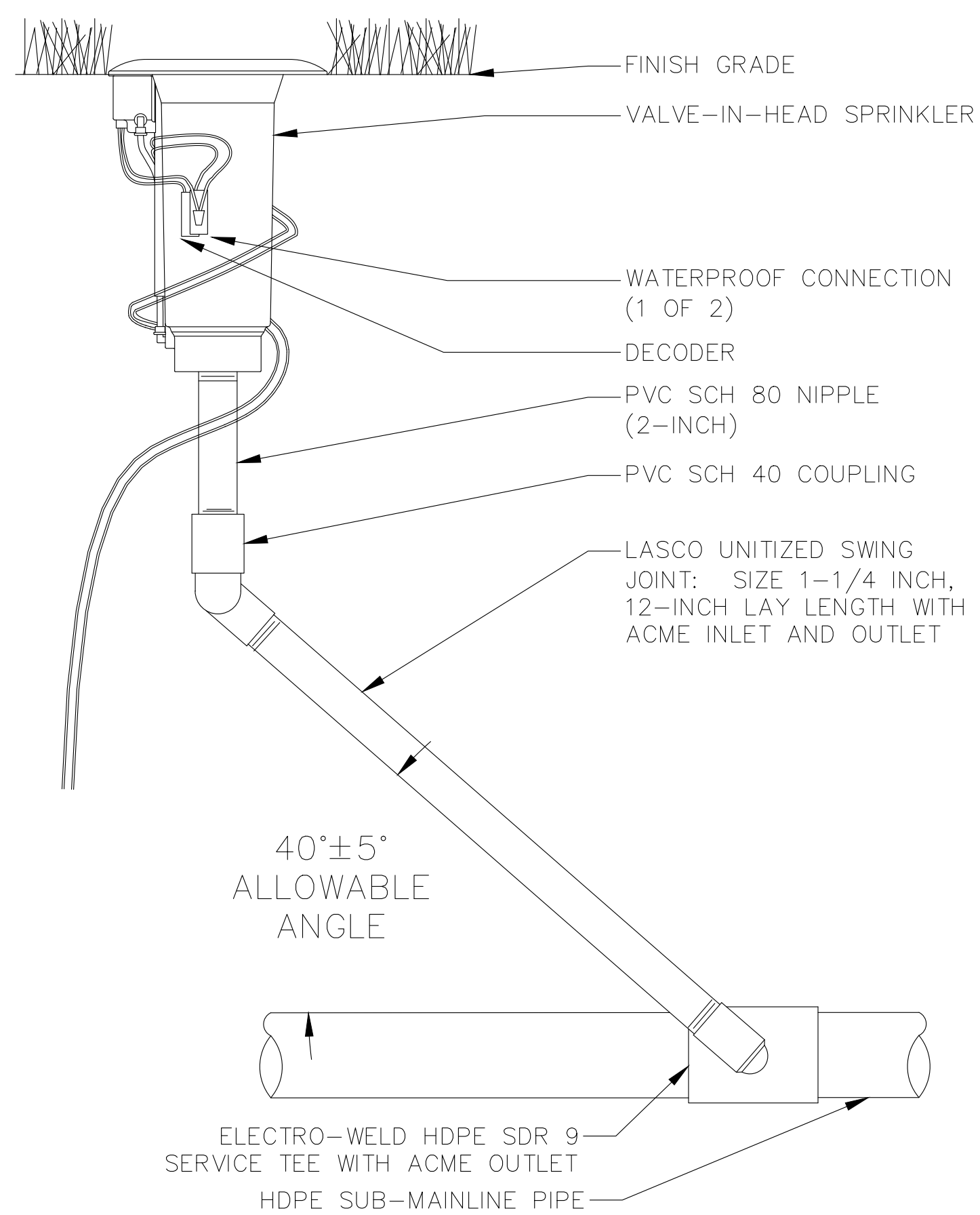


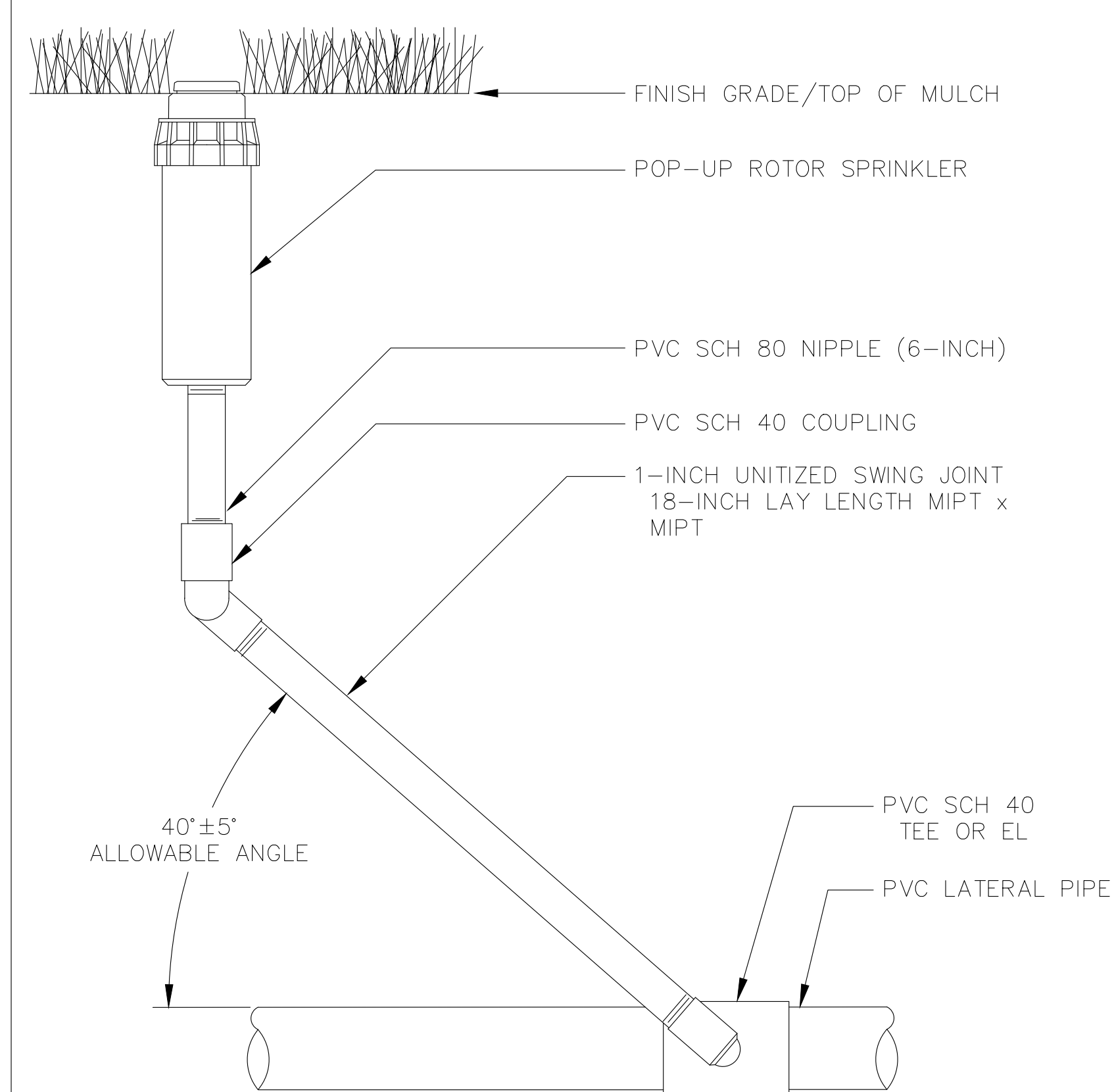
- NOTES:
1. USE VALVE BOX EXTENSION AS NECESSARY TO ACHIEVE MINIMUM DIMENSIONS ABOVE ASSEMBLY.
  2. NOMINAL SIZE OF ALL COMPONENTS ARE TO BE THE SAME NOMINAL SIZE AS THE SOLENOID VALVE (SIZED AS SHOWN).
  3. INSTALL FILTER FABRIC AROUND EXTERIOR OF VALVE BOX. USE DUCT TAPE TO SECURE FABRIC TO PIPE AND VALVE BOX.
  4. TRANSITION TO PROPER LATERAL PIPE BURIAL DEPTH USING 45° ELBOW FITTINGS DOWNSTREAM OF REMOTE CONTROL VALVE ASSEMBLY.
  5. DO NOT CUT OUT ENDS OF VALVE BOX UNNECESSARILY.
  6. POSITION VALVE BOX OVER VALVE TO ALLOW ACCESS TO SOLENOID AND PROPER OPERATION OF BALL VALVE.
  7. COIL 3—FEET OF WIRE FOR EACH DECODER FOR SERVICE PURPOSES.
  8. BRAND VALVE BOX LID PER SPECIFICATIONS.

## 1 REMOTE CONTROL VALVE ASSEMBLY



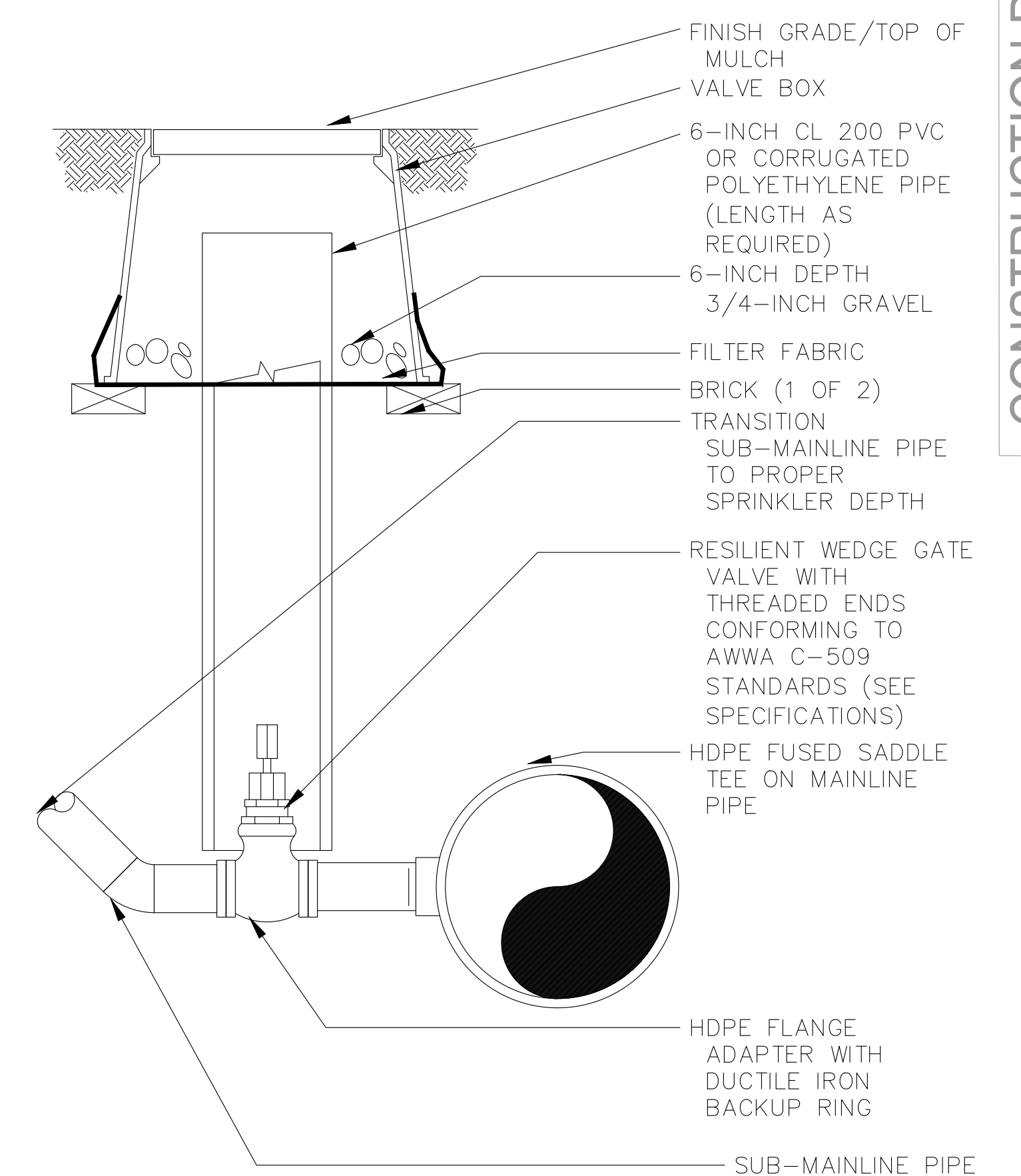
- NOTE:
1. INSTALL SWING JOINT LAY ARM BETWEEN 30° AND 45° OF LATERAL PIPE IN ORDER TO ABSORB DOWNWARD IMPACT. IF SWING JOINT CAN NOT BE INSTALLED AT SPECIFIED ANGLE, CONSULT ENGINEER PRIOR TO INSTALLATION OF SWING JOINT.
  2. WRAP CONTROL WIRE AROUND SPRINKLER BODY AND DECODER.

## 2 VALVE-IN-HEAD SPRINKLER ASSEMBLY



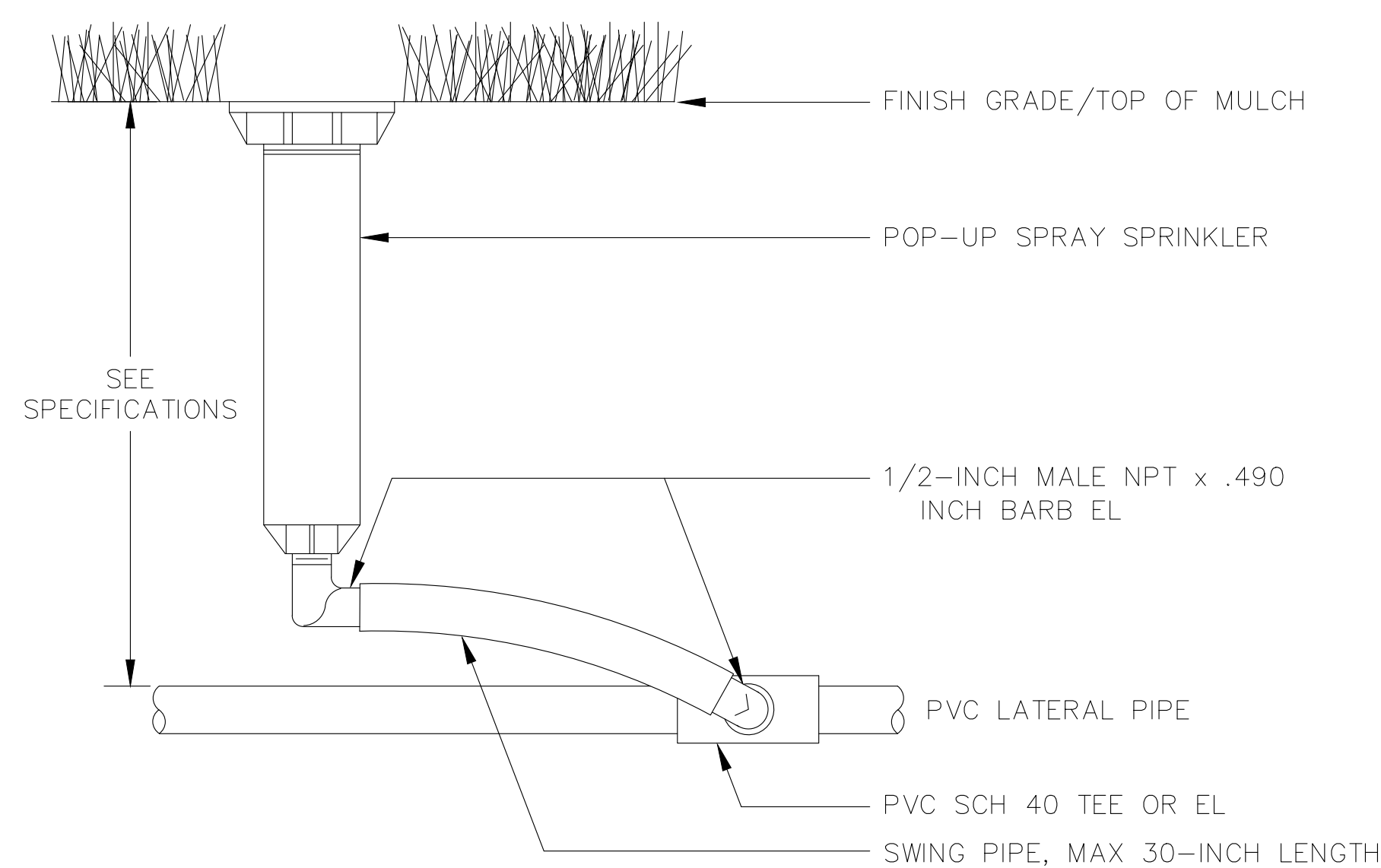
- NOTES:  
1. INSTALL SWING JOINT LAY ARM BETWEEN 30° AND 45° OF LATERAL PIPE IN ORDER TO ABSORB DOWNWARD IMPACT. IF SWING JOINT CAN NOT BE INSTALLED AT SPECIFIED ANGLE, CONSULT RESIDENT ENGINEER PRIOR TO INSTALLATION OF SWING JOINT.

### 3 ROTOR SPRINKLER ASSEMBLY



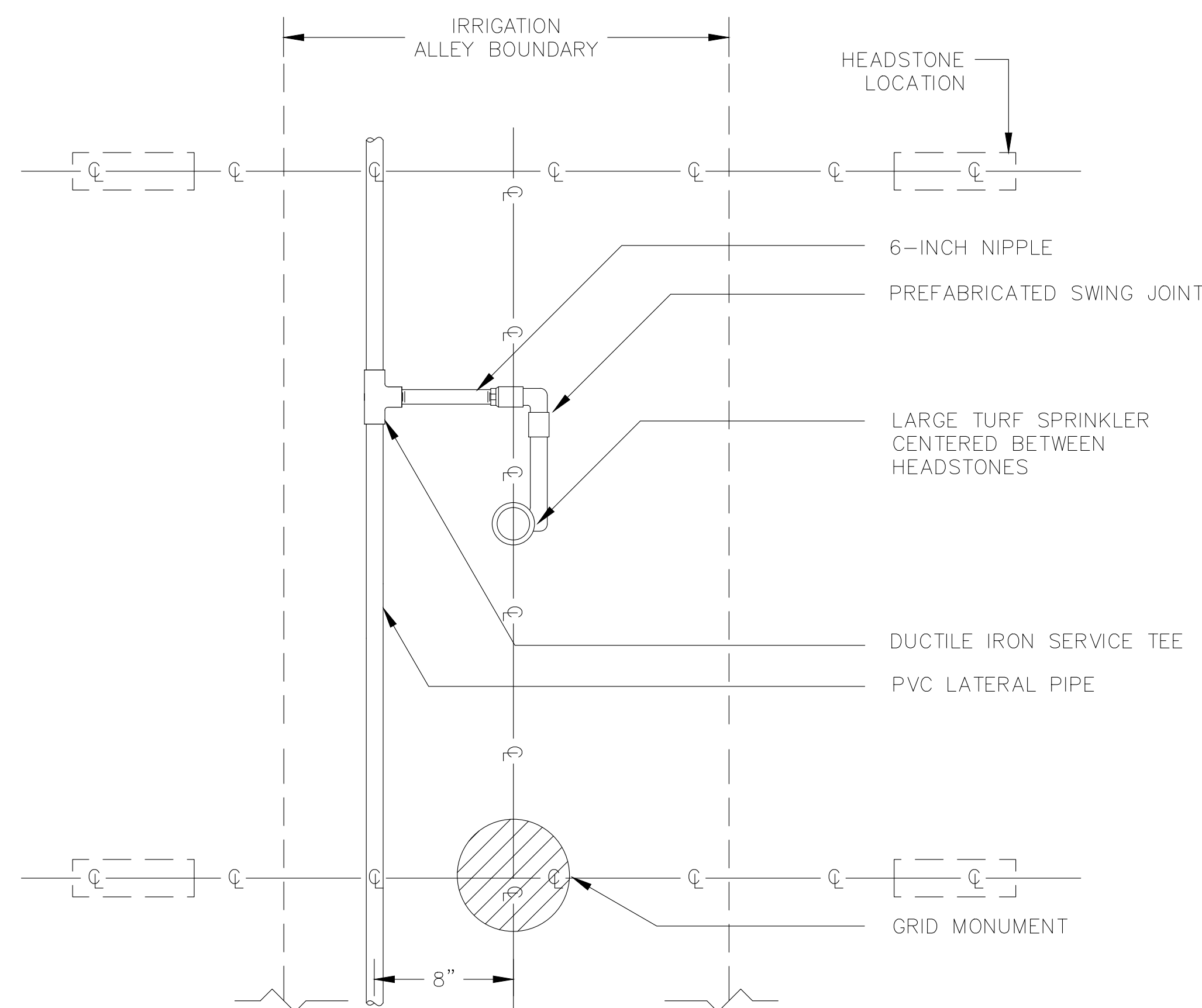
- NOTES:  
1. NOMINAL SIZE OF GATE VALVE IS TO MATCH NOMINAL SIZE OF SPRINKLER LATERAL.

## 4 ISOLATION SUB-MAINLINE ASSEMBLY



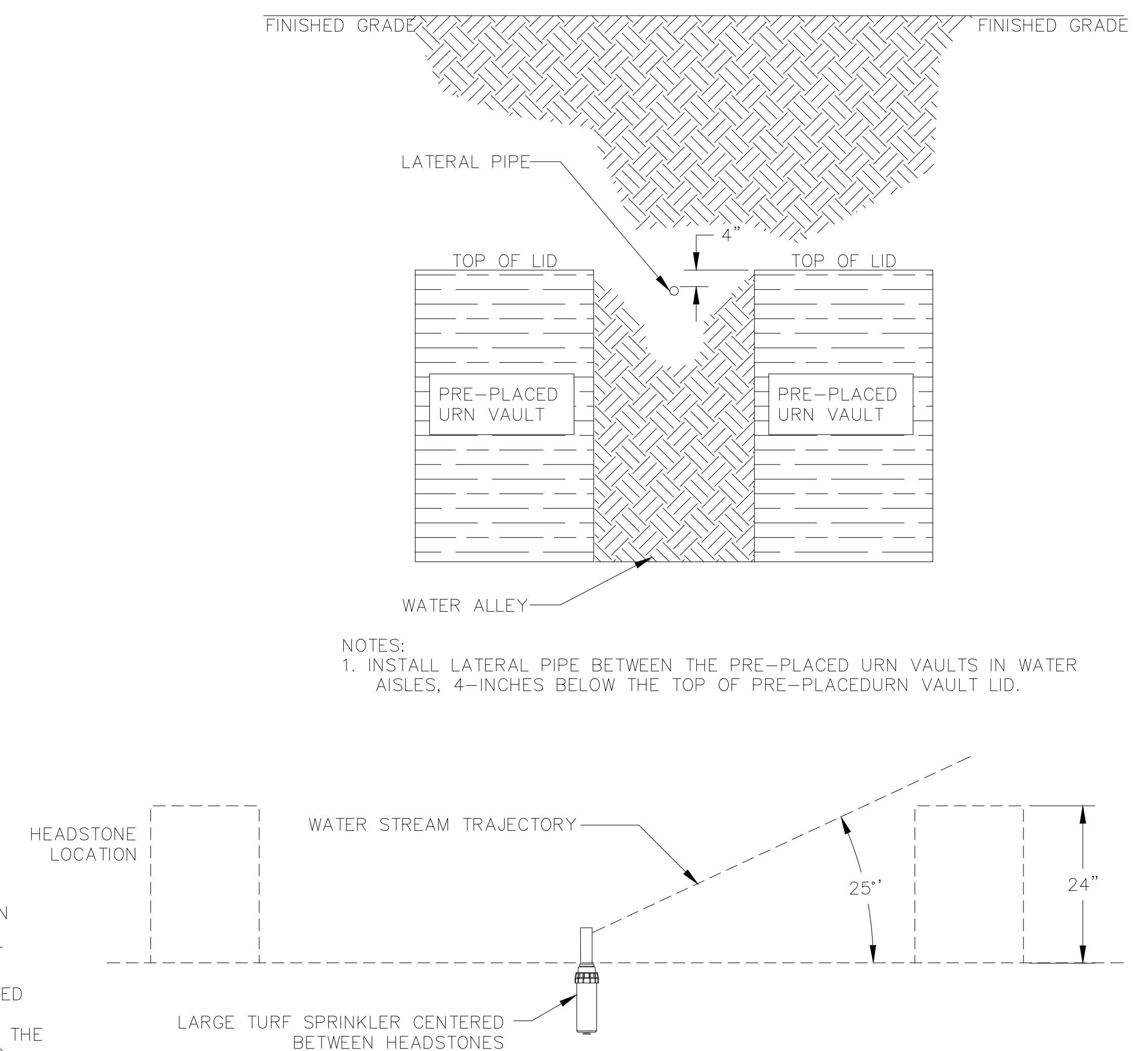
- NOTES:
1. INSTALL 4-INCH POP-UP HEIGHT IN TURF AREAS.
  2. INSTALL 12-INCH POP-UP HEIGHT IN LANDSCAPED AREAS.
  3. USE NO MORE THAN 30 INCHES OF SWING PIPE PER SPRINKLER.

## 5 BUBBLER ASSEMBLY



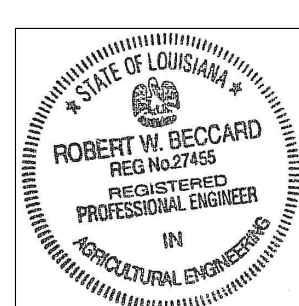
- NOTES:
1. CONTRACTOR RESPONSIBLE FOR STAKING TRENCH LOCATION IN THE CORRECT LOCATION WITHIN AISLES.
  2. CENTER OF SPRINKLER WILL BE ALIGNED WITH CENTERLINE OF OF AISLES.
  3. CENTER SPRINKLERS BETWEEN THE HEADSTONES AS INDICATED TO AVOID DISRUPTION OF THE WATER STREAM FROM THE NOZZLE. A MINIMUM OF 55-INCHES SEPARATION BETWEEN THE SPRINKLERS AND UPRIGHT MONUMENTS MUST BE MAINTAINED.

## 6 SPRINKLER PLACEMENT DETAIL



- NOTES:  
1. INSTALL LATERAL PIPE BETWEEN THE PRE-PLACED URN VAULTS IN WATER AISLES, 4-INCHES BELOW THE TOP OF PRE-PLACED URN VAULT LID.

## CONSTRUCTION DOCUMENTS

[illegible]

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NATIONAL  
CEMETERY  
ADMINISTRATION

Sheet Title	Project Title			Date:
IRRIGATION DETAILS	LOUISIANA NATIONAL CEMETERY GRAVESITE EXPANSION PHASE 1D			AUGUST 5, 2013
				Project No. 870CM3023D
Approved: Director, Office of Construction Management	Building Number	Checked RWB	Drawn JDL	SHEET REFERENCE
Approved: Director, Project Management Service	Location LOUISIANA NATIONAL CEMETERY ZACHARY, LOUISIANA			I-2
				Dwg. 18 of 19