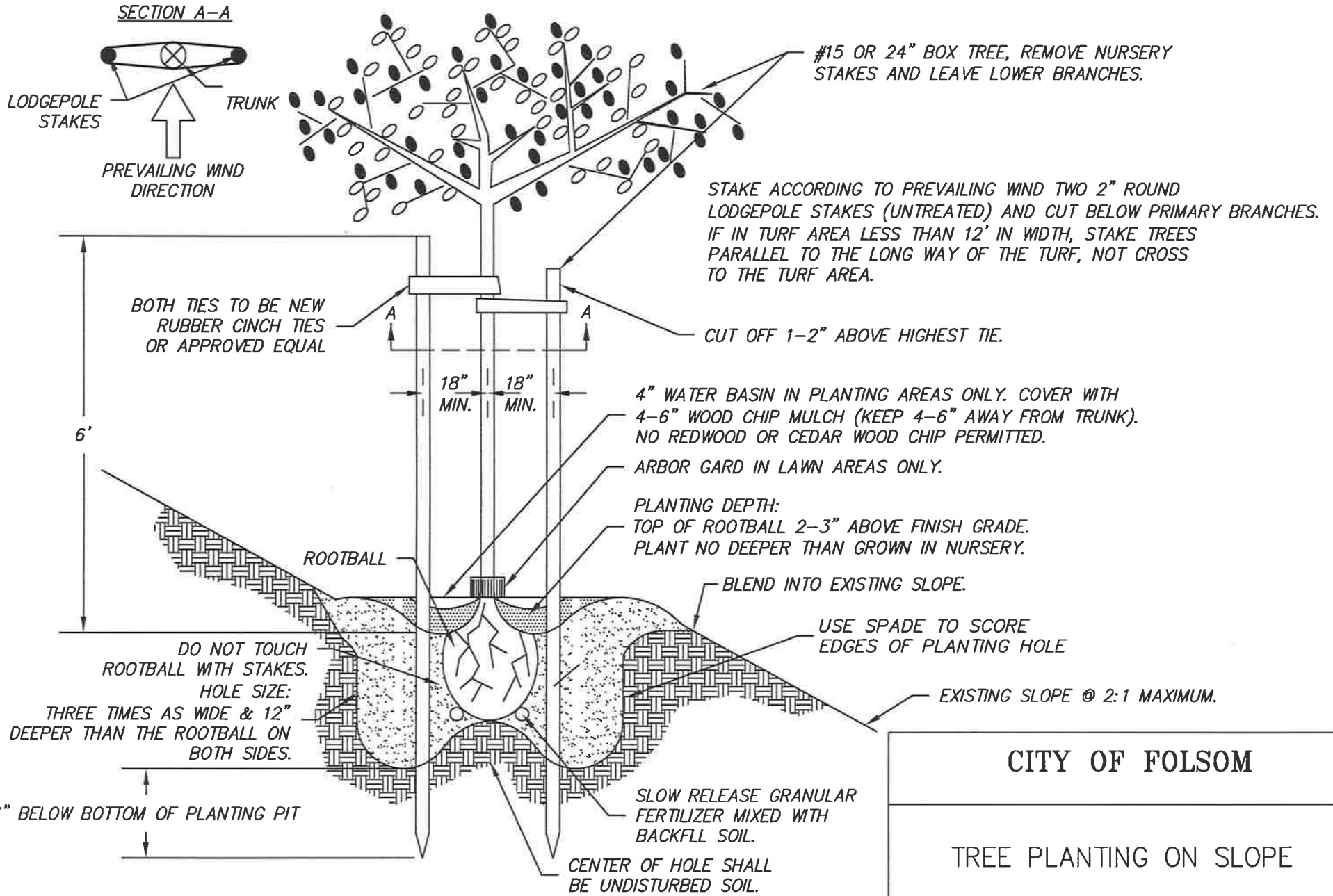


CITY OF FOLSOM

TREE PLANTING

SCALE: NONE  
 DATE: FEBRUARY 2020

LS-01

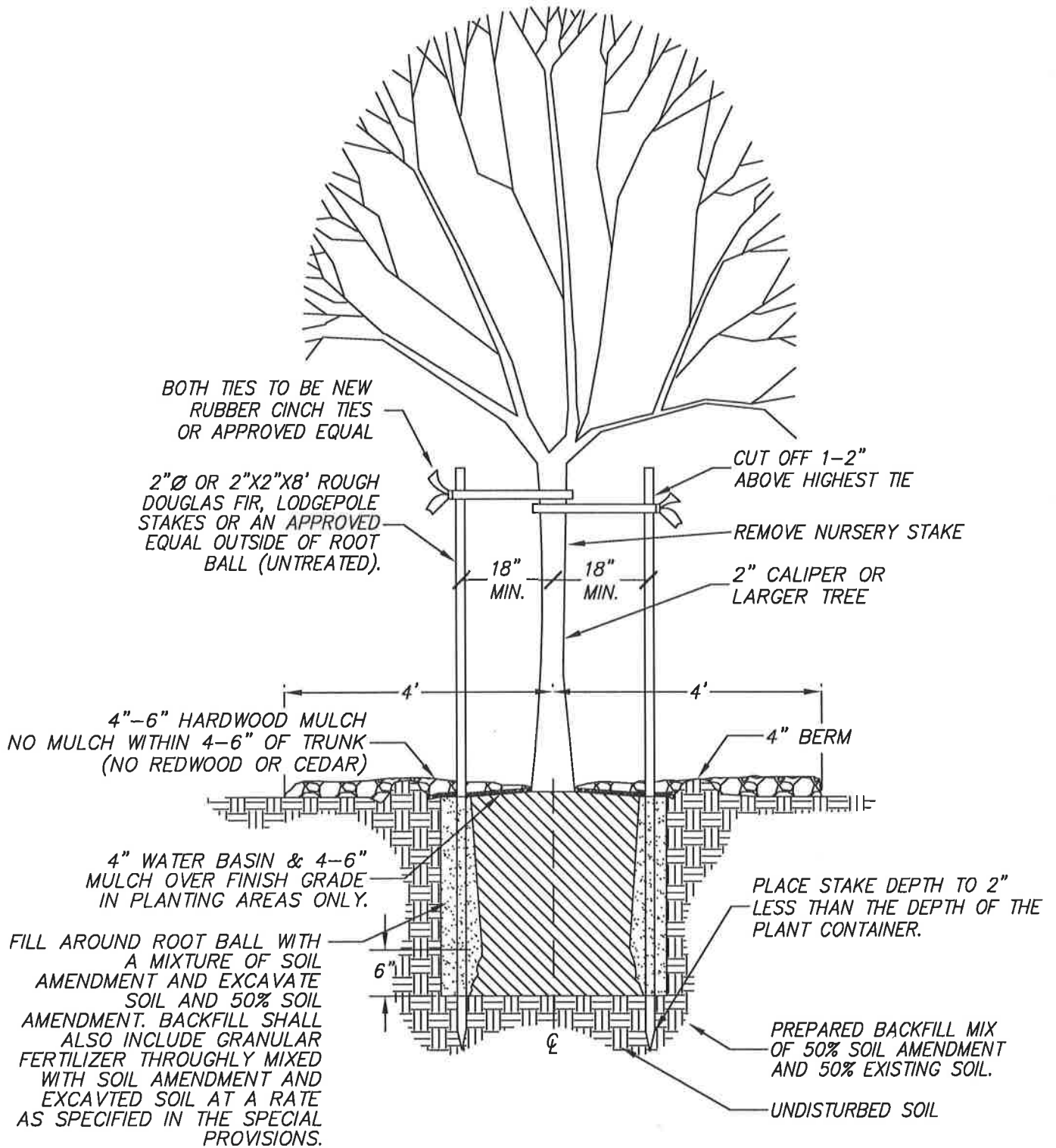


CITY OF FOLSOM

TREE PLANTING ON SLOPE

SCALE: NONE  
DATE: FEBRUARY 2020

LS-02

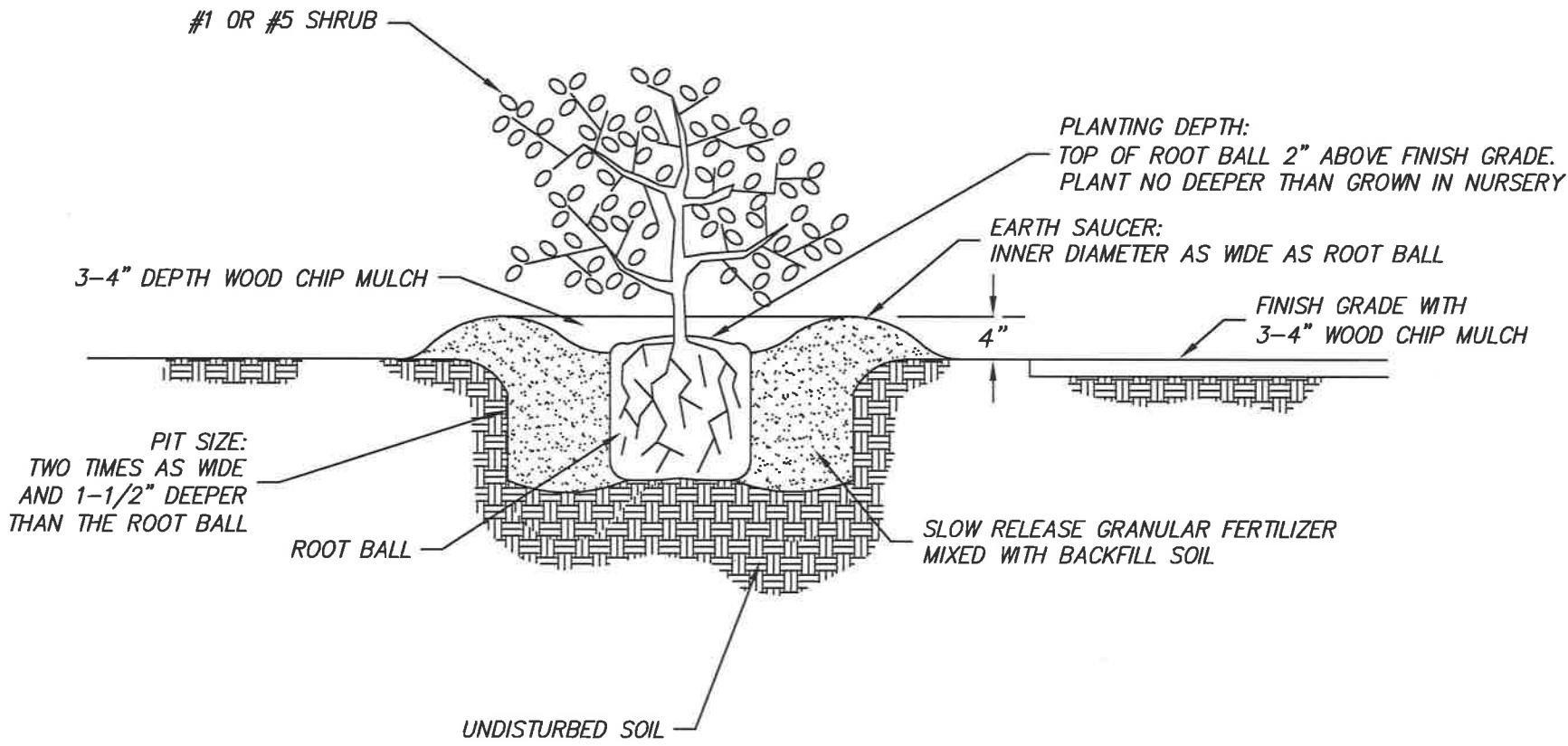


CITY OF FOLSOM

BOXED TREE  
(25" OR GREATER)

SCALE: NONE  
DATE: FEBRUARY 2020

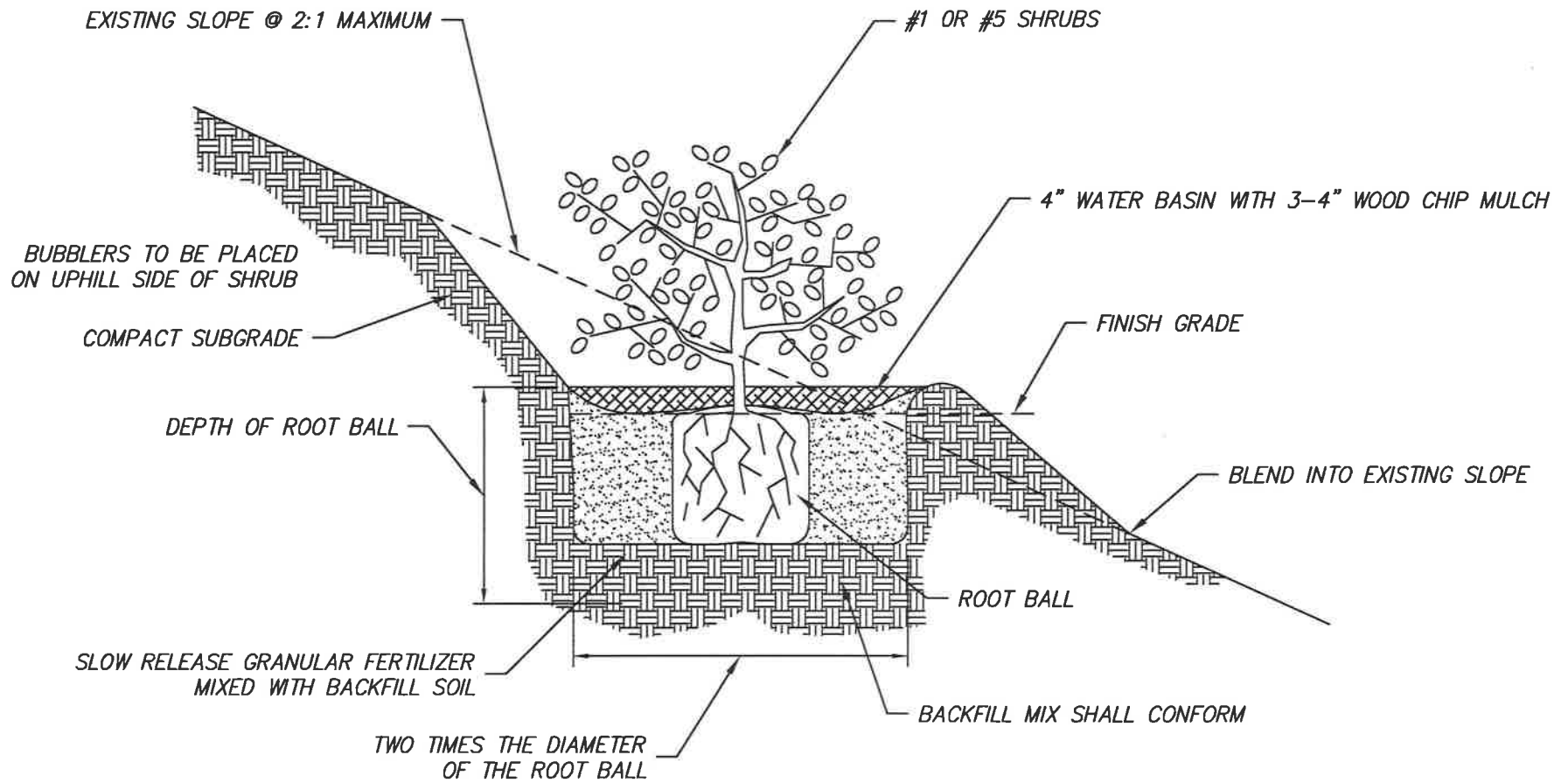
LS-03



NOTES:

1. PROVIDE CITY WITH PLANTING MIXTURE SPECIFICATIONS.
2. PLANTER AREA SHOULD HAVE PRE-EMERGENT HERBICIDE APPLIED BEFORE PLANTING TO PREVENT GERMINATION OF WEED SEEDS.

<b>CITY OF FOLSOM</b>	
<b>SHRUB PLANTING</b>	
SCALE: NONE DATE: JANUARY 2014	LS-04



**NOTE:**

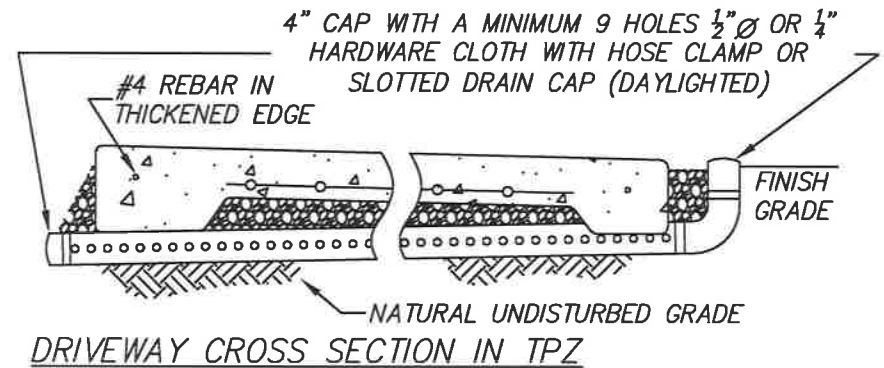
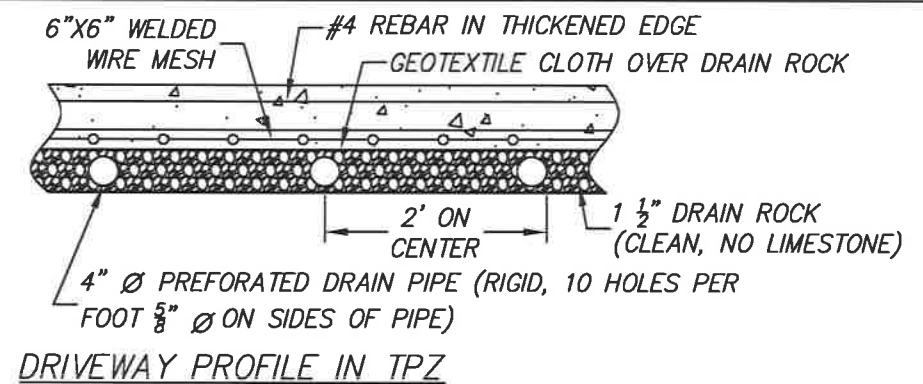
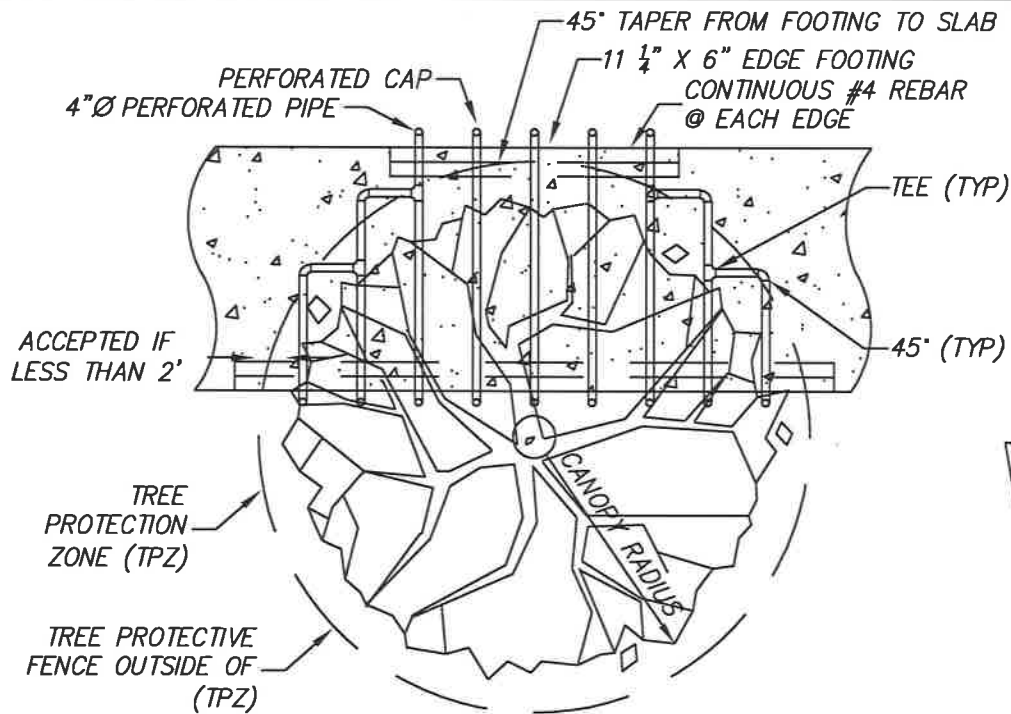
PLANTER AREAS SHALL HAVE PRE-EMERGENT HERBICIDE APPLIED BEFORE PLANTING TO PREVENT GERMINATION OF WEED SEEDS

CITY OF FOLSOM

SHRUB PLANTING ON SLOPE

SCALE: NONE  
DATE: JANUARY 2014

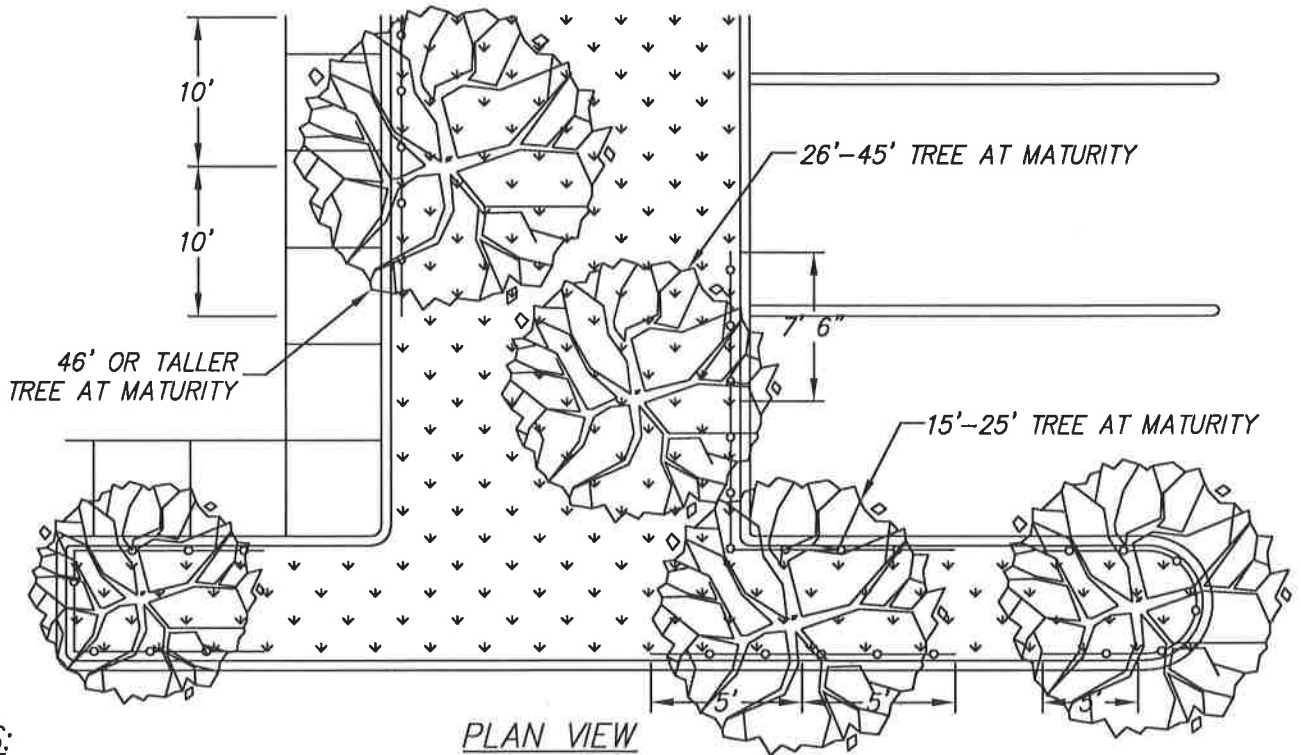
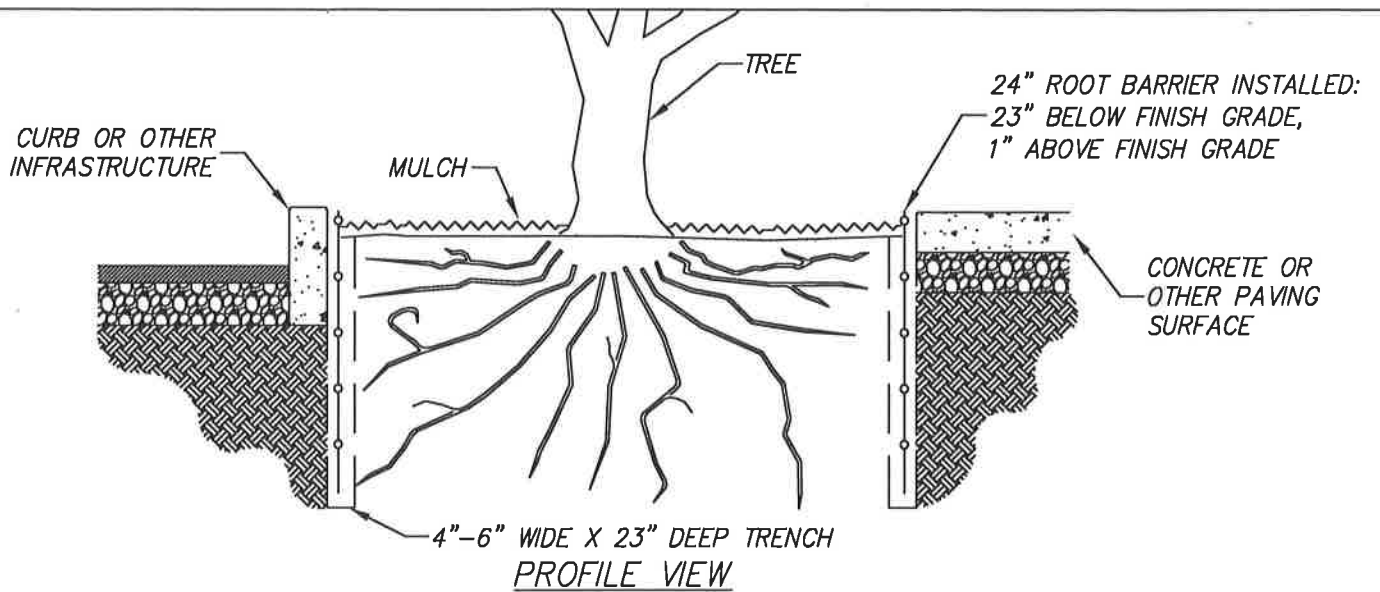
LS-05



**NOTES:**

1. THE TREE PROTECTION ZONE (TPZ) IS DEFINED BY THE RADIUS OF A CIRCLE AROUND EACH PROTECTED TREE THAT IS THE LONGEST HORIZONTAL DRIPLINE BRANCH, PLUS 1 FOOT OR THE AREA WITH A RADIUS OF 1 FOOT FOR EVERY 1 INCH OF DIAMETER AT STANDARD HEIGHT (DSH) WHICHEVER IS GREATER.
2. ROOTS MAY EXTEND UP TO 2-3 TIMES BEYOND THE BRANCHED CANOPY.
3. THIS WHOLE ROOT VENTILATION SYSTEM SHALL BE PLACED UPON UNDISTURBED SOIL GRADE.
4. PATIO/SIDEWALK SHALL BE MINIMALLY 3 1/2" THICK CLASS B CONCRETE.
5. CONCRETE / DRIVEWAYS / VEHICLE PARKING:
  - A. SHALL BE CLASS B WITH A THICKNESS OF 4" (5" FOR POROUS CONCRETE/ 3" FOR ASPHALT).
  - B. SHALL HAVE A MINIMUM THICKENED EDGE OF 6" WITH #4 REBAR @ ALL EDGES. REBAR LAP JOINTS OF 40 BAR DIAMETERS (NO REBAR FOR POROUS CONCRETE).
  - C. HAVE A 6"X6" WELDED WIRE MESH (WWM) THROUGHOUT (NO WWM FOR POROUS CONCRETE).
  - D. SLOPED TO DRAIN AWAY FROM TREE.
  - E. FINAL STRUCTURAL DESIGN BY OWNER'S ENGINEER OR ARCHITECT.
6. FILL SOIL MAY VARY IN DEPTH OVER AERATION SYSTEM.

<b>CITY OF FOLSOM</b>	
<b>CONCRETE / ASPHALT / ENGINEERED FILL OVER TREE ROOTS</b>	
SCALE: NONE DATE: FEBRUARY 2020	LS-06

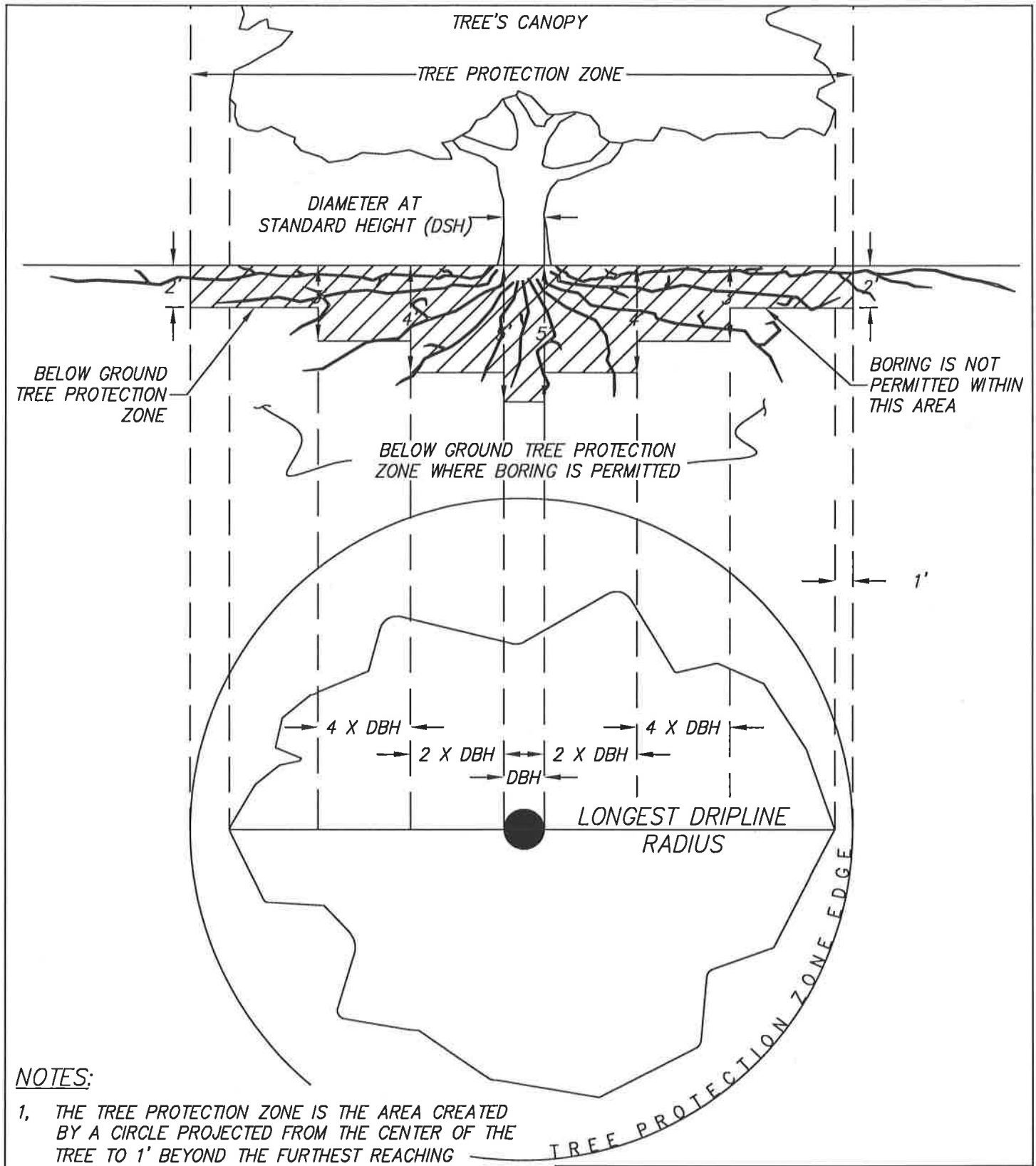


**NOTES:**

**PLAN VIEW**

1. CITY OF FOLSOM APPROVED TREE ROOT BARRIERS SHALL BE 16 MESH (0.011 INCH DIAMETER) COPPER MESH IF A TREE IS LOCATED LESS THAN THE MINIMUM DISTANCE TO INFRASTRUCTURE AS LISTED ON THE FOLSOM MASTER TREE LIST (FMTL).
2. ROOT BARRIER SHALL BE INSTALLED A MINIMUM OF 23" INTO GROUND BELOW FINISH GRADE, AND 1" ABOVE FINISH GRADE (24" TOTAL HEIGHT).
3. MINIMUM ROOT BARRIER LENGTH SHALL BE 10' CENTERED ON A TREE WITH A MATURE HEIGHT OF 15' TO 25' (APPROXIMATE TREE HEIGHT AT MATURITY AS LISTED ON THE FMTL).
3. MINIMUM ROOT BARRIER LENGTH SHALL BE 15' CENTERED ON A TREE WITH A MATURE HEIGHT OF 26' TO 45' (APPROXIMATE TREE HEIGHT AT MATURITY AS LISTED ON THE FMTL).
3. MINIMUM ROOT BARRIER LENGTH SHALL BE 20' CENTERED ON A TREE WITH A MATURE HEIGHT OF 46' OR TALLER (APPROXIMATE TREE HEIGHT AT MATURITY AS LISTED ON THE FMTL).

<b>CITY OF FOLSOM</b>	
<b>TREE ROOT BARRIER</b>	
SCALE: NONE DATE: FEBRUARY 2020	LS-07

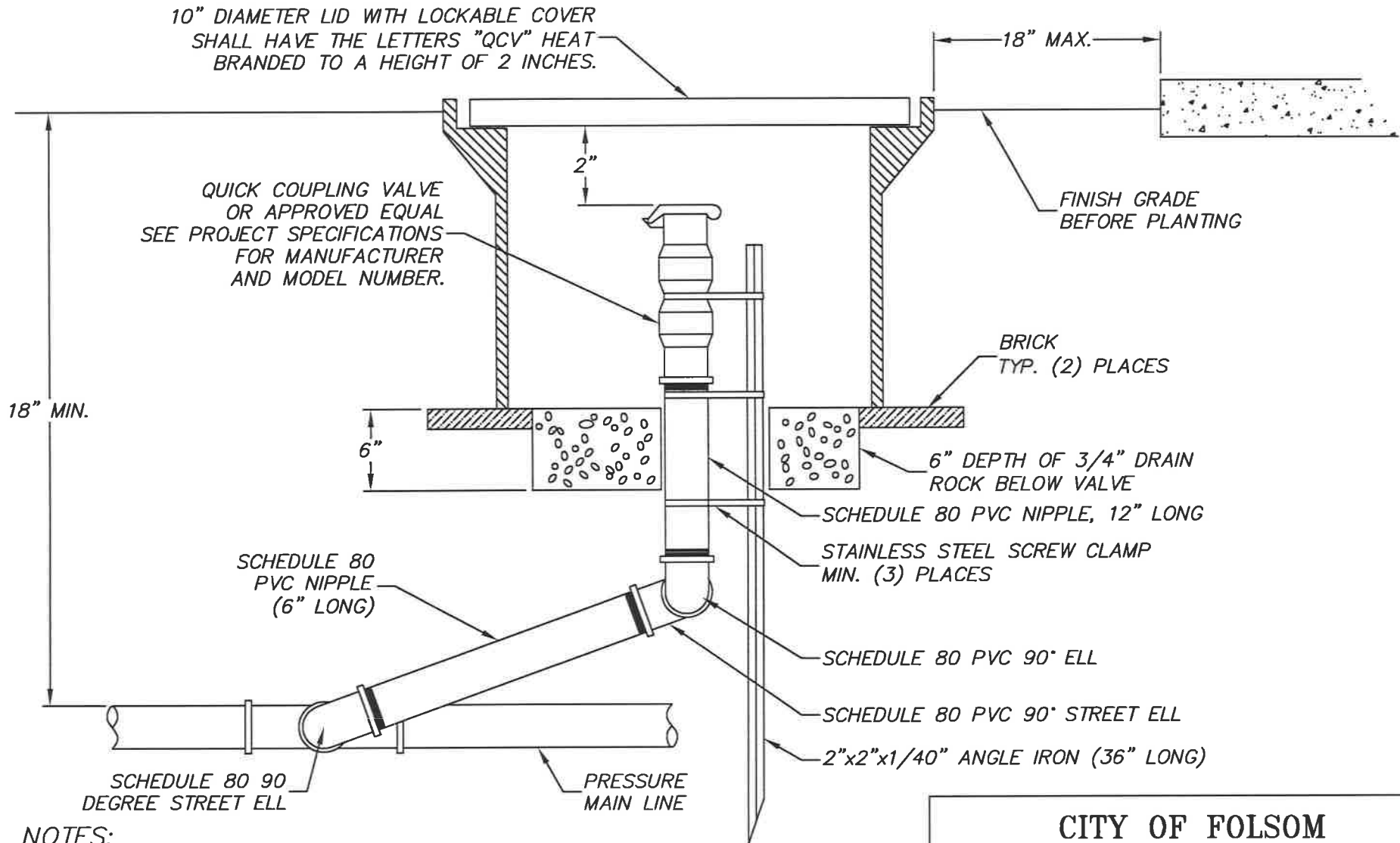


**NOTES:**

1. THE TREE PROTECTION ZONE IS THE AREA CREATED BY A CIRCLE PROJECTED FROM THE CENTER OF THE TREE TO 1' BEYOND THE FURTHEST REACHING BRANCH OR AN AREA WITH A RADIUS OF 1' FOR EVERY INCH OF DIAMETER AT STANDARD HEIGHT (DSH), WHICHEVER IS GREATER.
2. THE DRIPLINE IS THE PERIMETER OF THE AREA COVERED BY THE TREE'S CANOPY.
3. TRENCHING SHALL BE DONE MANUALLY WHEN DIRECTIONAL BORING UNDERNEATH THE BELOW GROUND TREE PROTECTION ZONE CANNOT BE ACHIEVED.
4. ALL DIRECTIONAL BORING OR MANUAL TRENCHING WITHIN THE TREE PROTECTION ZONE SHALL BE DONE UNDER THE SUPERVISION OF A CERTIFIED ARBORIST.

<b>CITY OF FOLSOM</b>	
<b>BORING WITHIN TREE PROTECTION ZONE</b>	
<b>SCALE: NONE</b>	<b>LS-08</b>
<b>DATE: FEBRUARY 2020</b>	

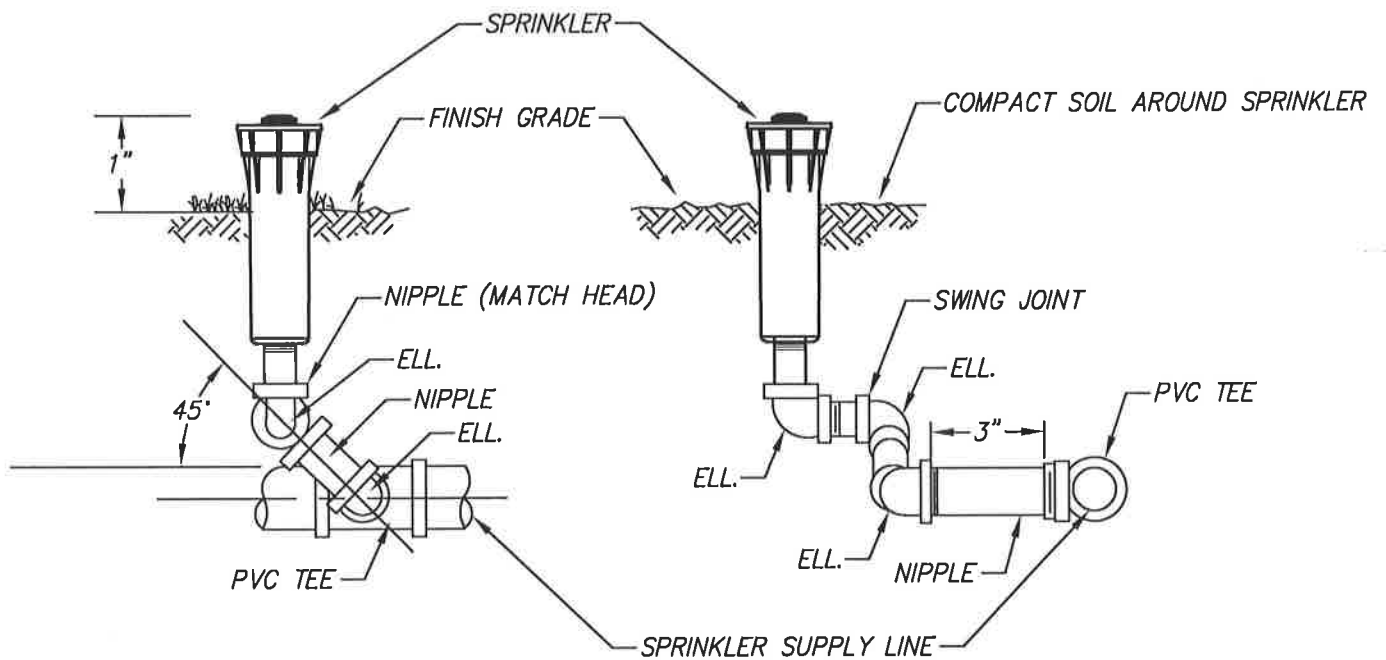




**NOTES:**

1. SEE SECTION 8.5.F FOR VALVE BOX INSTALLATION DETAILS.
2. USE TEFLON TAPE ON ALL THREADED CONNECTIONS.
3. INSTALLTION OF SWING JOINTS SHALL BE ON A 30°-45° ANGLE TO HORIZONTAL.
4. PROVIDE A MINIMUM OF 2" CLEARANCE BETWEEN BOTTOM OF LID AND QCV.
5. ALL PIPE NIPPLES SHALL BE MACHINED.

<b>CITY OF FOLSOM</b>	
<b>QUICK COUPLING VALVE</b>	
SCALE: NONE DATE: FEBRUARY 2020	LS-09



**NOTES:**

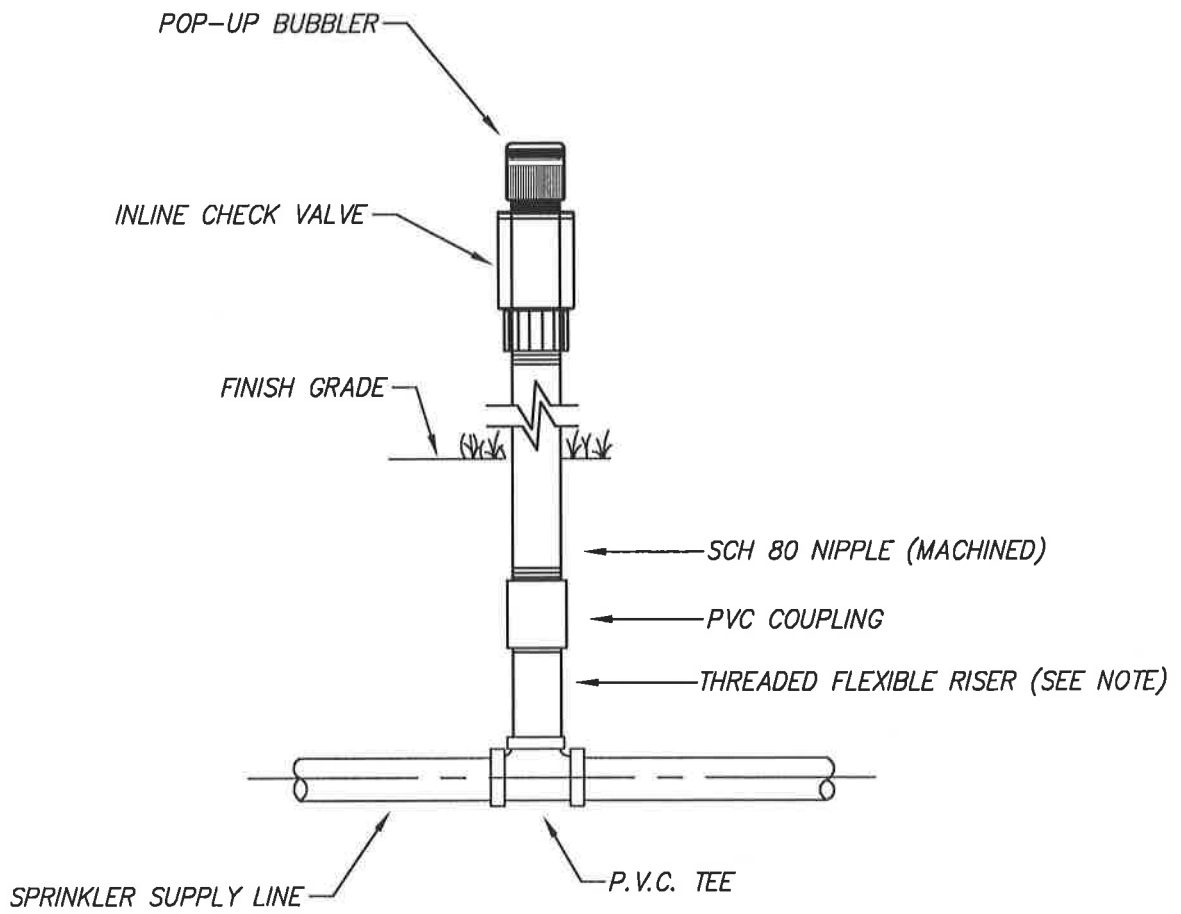
1. INSTALLATION OF SWING JOINTS SHALL BE ON A 45° ANGLE TO HORIZONTAL.
2. ALL TEES, ELLS, 90°S, AND 45°S 2" OR GREATER SHALL BE SCHEDULE 80 PVC.
3. ALL NIPPLES SHALL BE SCHEDULE MACHINED.
4. USE A MINIMUM OF 3 TURNS OF TEFLON TAPE ON ALL THREADED CONNECTIONS.

**CITY OF FOLSOM**

ROTARY SPRINKLER HEAD  
WITH DOUBLE SWING JOINT

SCALE: NONE  
DATE: FEBRUARY 2020

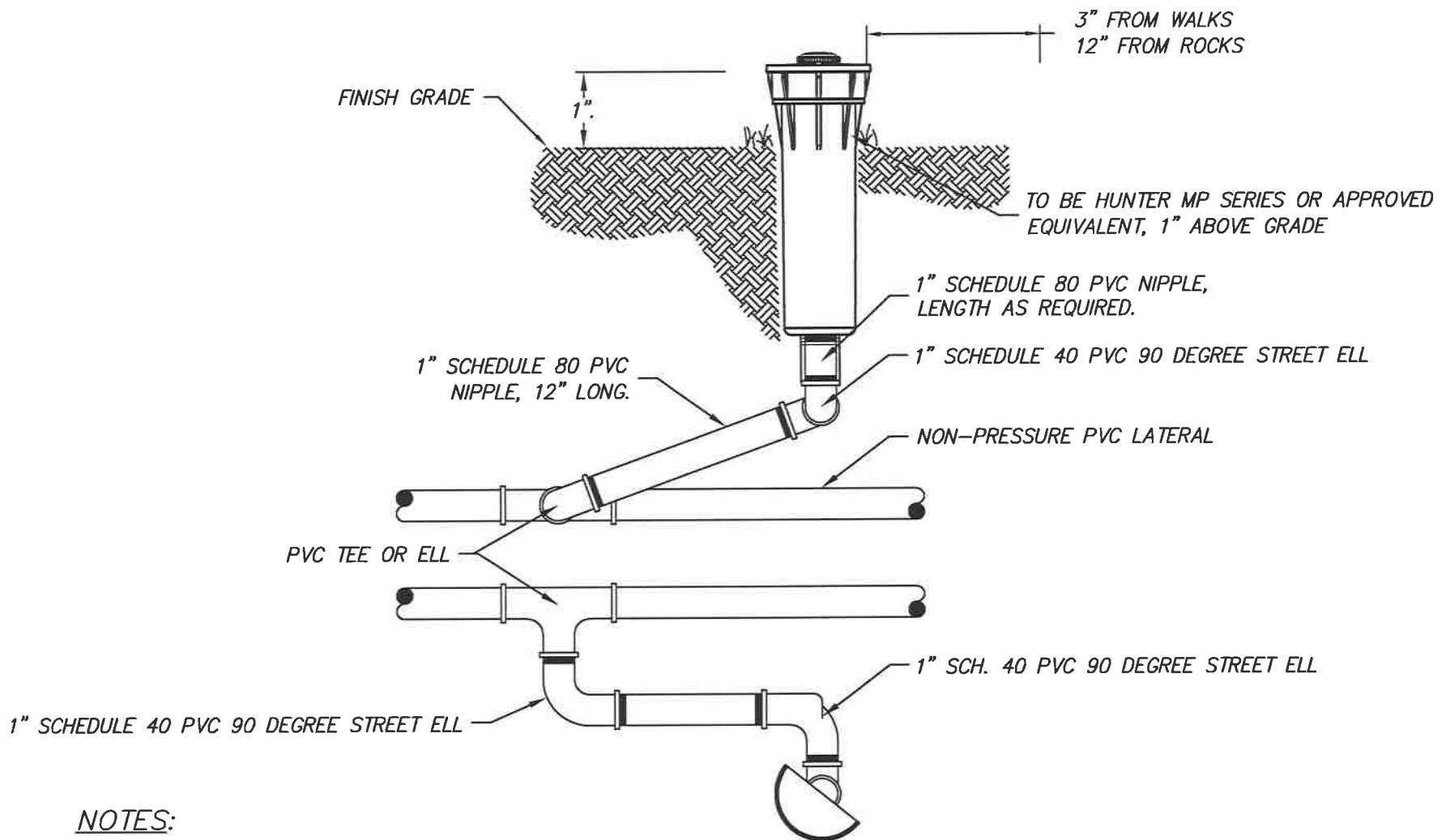
LS-10



**NOTE:**

1. FLEXIBLE RISERS SHALL BE PREMANUFACTURED
2. ALL NIPPLES SHALL BE MACHINED.
3. USE 3 TURNS OF TEFLON TAPE ON ALL THREADED CONNECTIONS.

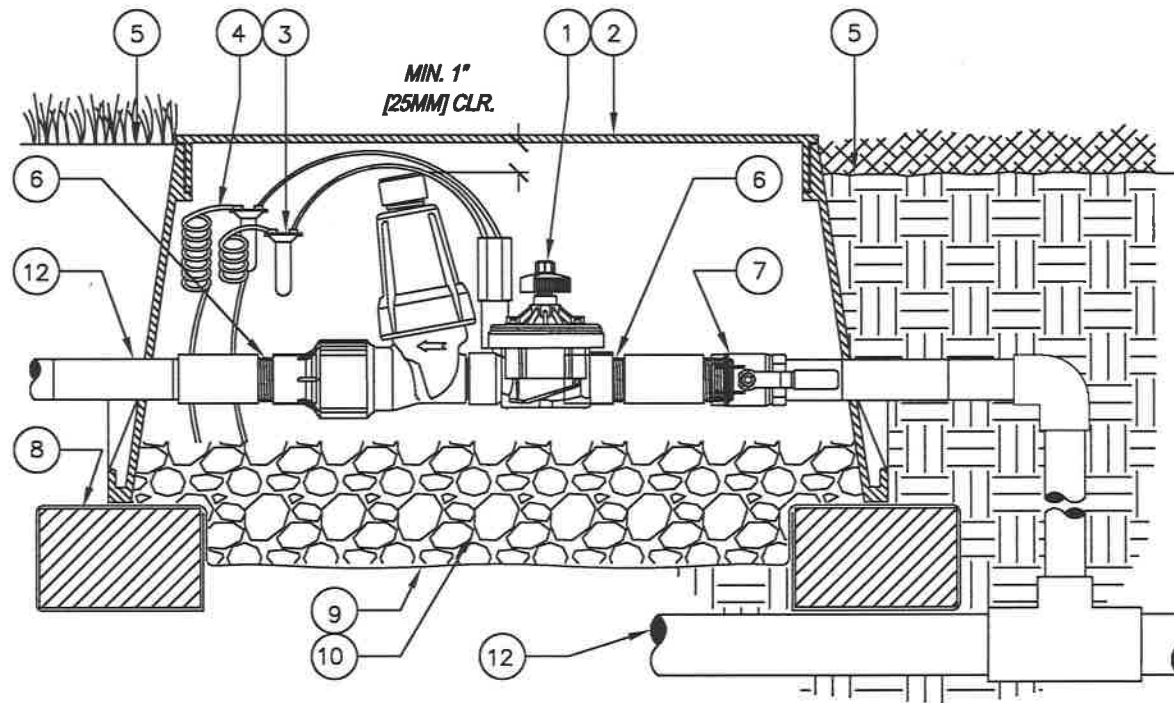
<b>CITY OF FOLSOM</b>	
<b>POP-UP BUBBLER</b>	
<b>SCALE: NONE DATE: FEBRUARY 2020</b>	<b>LS-11</b>



**NOTES:**

1. LOCATE HEAD 2" FROM WALKS, CURBS, HARDSCAPING, MOW STRIPS, AND HEADER BOARDS
2. LOCATE STREAM SPRAY / BUBBLERS 6" FROM ALL STRUCTURES, AND SPRAY HEADS 12" FROM ALL STRUCTURES, BUT 6" FROM ALL STRUCTURES IN GROUND COVER AREAS.
3. USE TEFLON TAPE ON ALL THREADED FITTINGS INCLUDING MARLEX FITTINGS.

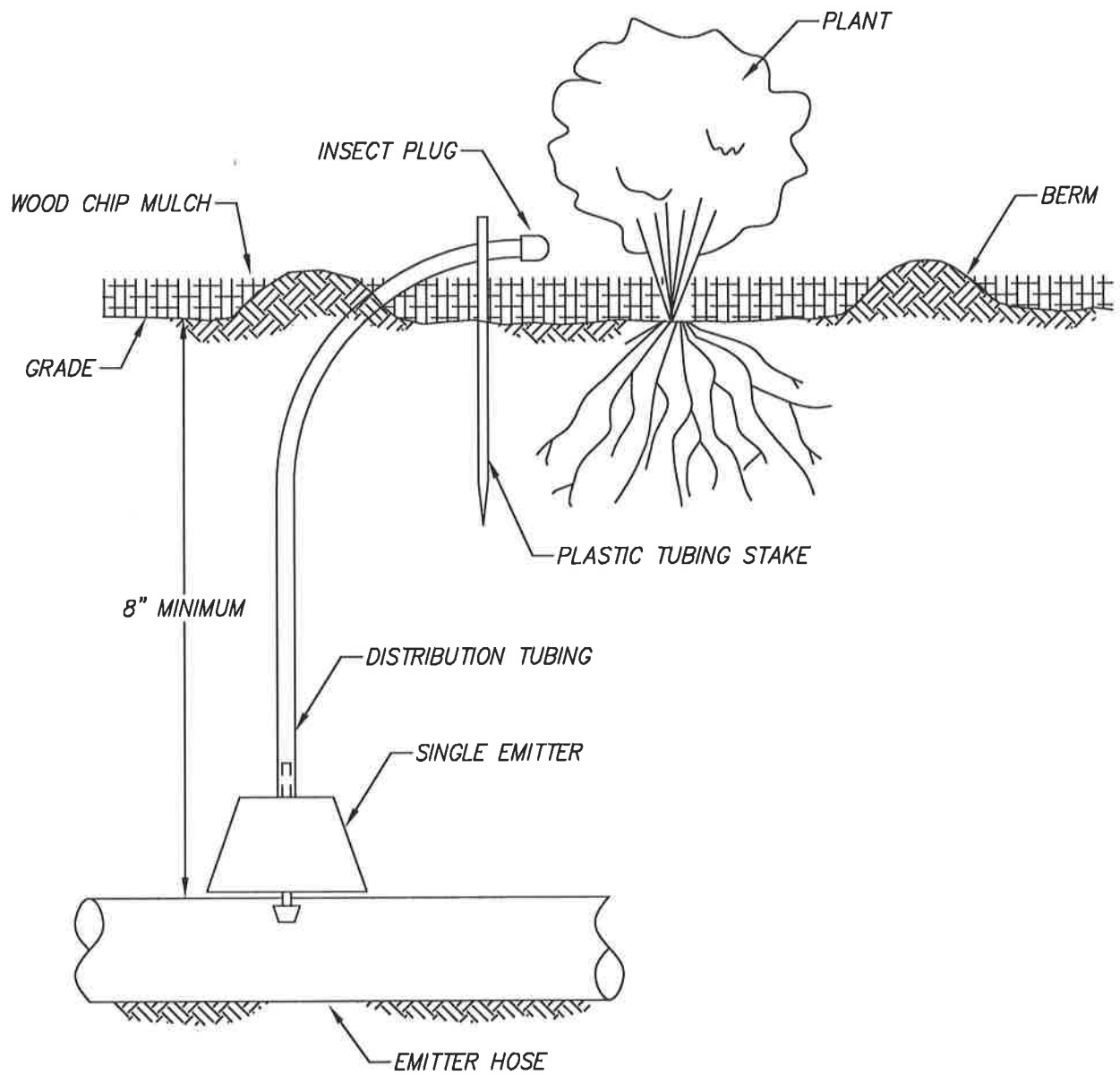
<b>CITY OF FOLSOM</b>	
POP-UP BROADCAST HEAD	
SCALE: NONE DATE: FEBRUARY 2020	LS-12



**NOTES**

1. REMOTE CONTROL VALVE WITH FILTER REGULATOR
2. IRRIGATION VALVE BOX: HEAT STAMP OR ENGRAVE LID WITH 'RCV' IN 2" LETTERS (CONTACT CITY FOR NUMBERING SEQUENCE)
3. WATERPROOF CONNECTORS (2)
4. 18"-24" COILED WIRE TO CONTROLLER
5. FINISH GRADE AT ADJACENT SURFACE (TURF OR MULCH)
6. SCH. 80 CLOSE NIPPLE, MATCH SIZE TO VALVE
7. SIDE MOUNTED FULL PORT BALL VALVE, SIZE AND TYPE PER PLAN
8. BRICK SUPPORTS (4)
9. FILTER FABRIC - WRAP AROUND BRICK SUPPORTS
10. 3/4" WASHED GRAVEL - 4" MIN. DEPTH
11. IRRIGATION LATERAL
12. MAINLINE LATERAL AND FITTINGS

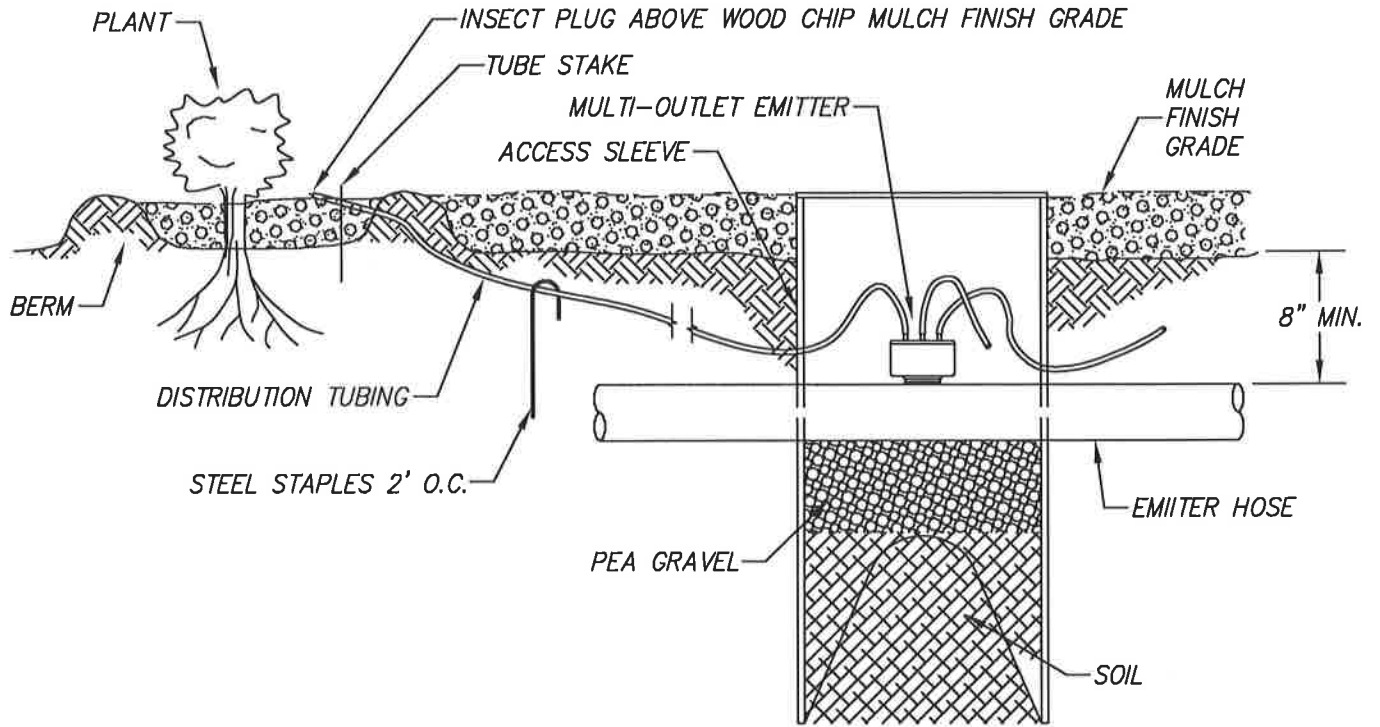
<b>CITY OF FOLSOM</b>	
<b>DRIP IRRIGATION VALVE AND PRESSURE REGULATOR</b>	
SCALE: NONE DATE: FEBRUARY 2020	LS-13



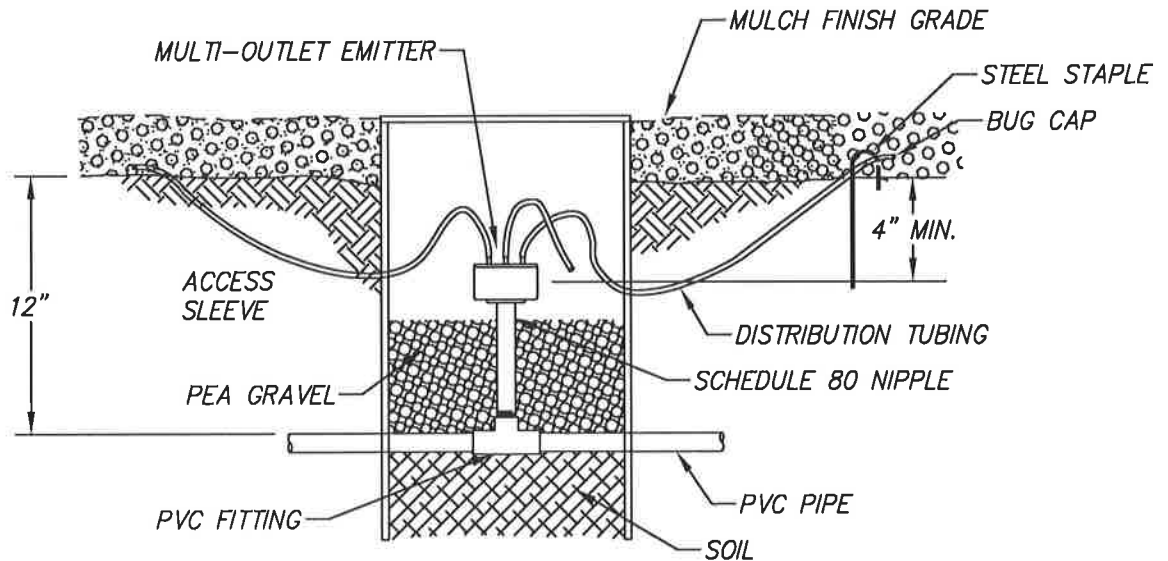
**NOTE:**

EMITTERS SHALL BE PRESSURE COMPENSATING.

<b>CITY OF FOLSOM</b>	
SINGLE OUTLET EMITTER	
SCALE: NONE DATE: FEBRUARY 2020	LS-14



MULTI-OUTLET EMITTER ON DRIP HOSE / TUBING

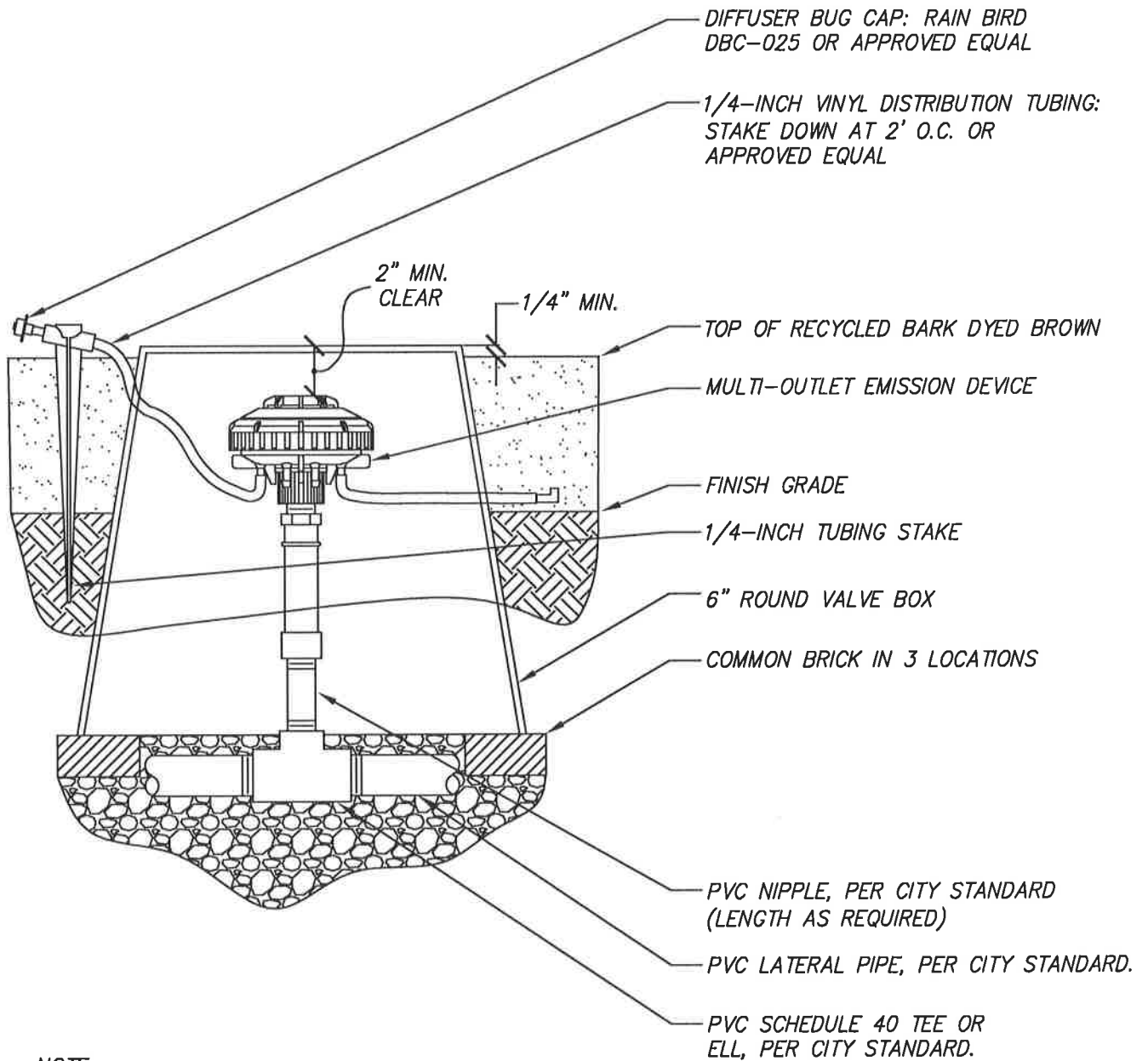


MULTI-OUTLET EMITTER ON PVC RISER

**NOTE:**

1. EMITTERS SHALL BE PRESSURE COMPENSATING
2. MAXIMUM LENGTH OF DISTRIBUTION TUBING 6'
3. USE TEFLON TAPE ON ALL THREADED CONNECTIONS

<b>CITY OF FOLSOM</b>	
<b>DRIP IRRIGATION MULTI-OUTLET EMITTERS</b>	
<b>SCALE: NONE</b> <b>DATE: FEBRUARY 2020</b>	<b>LS-15</b>



**NOTE**

USE TEFLON TAPE ON ALL THREADED CONNECTIONS

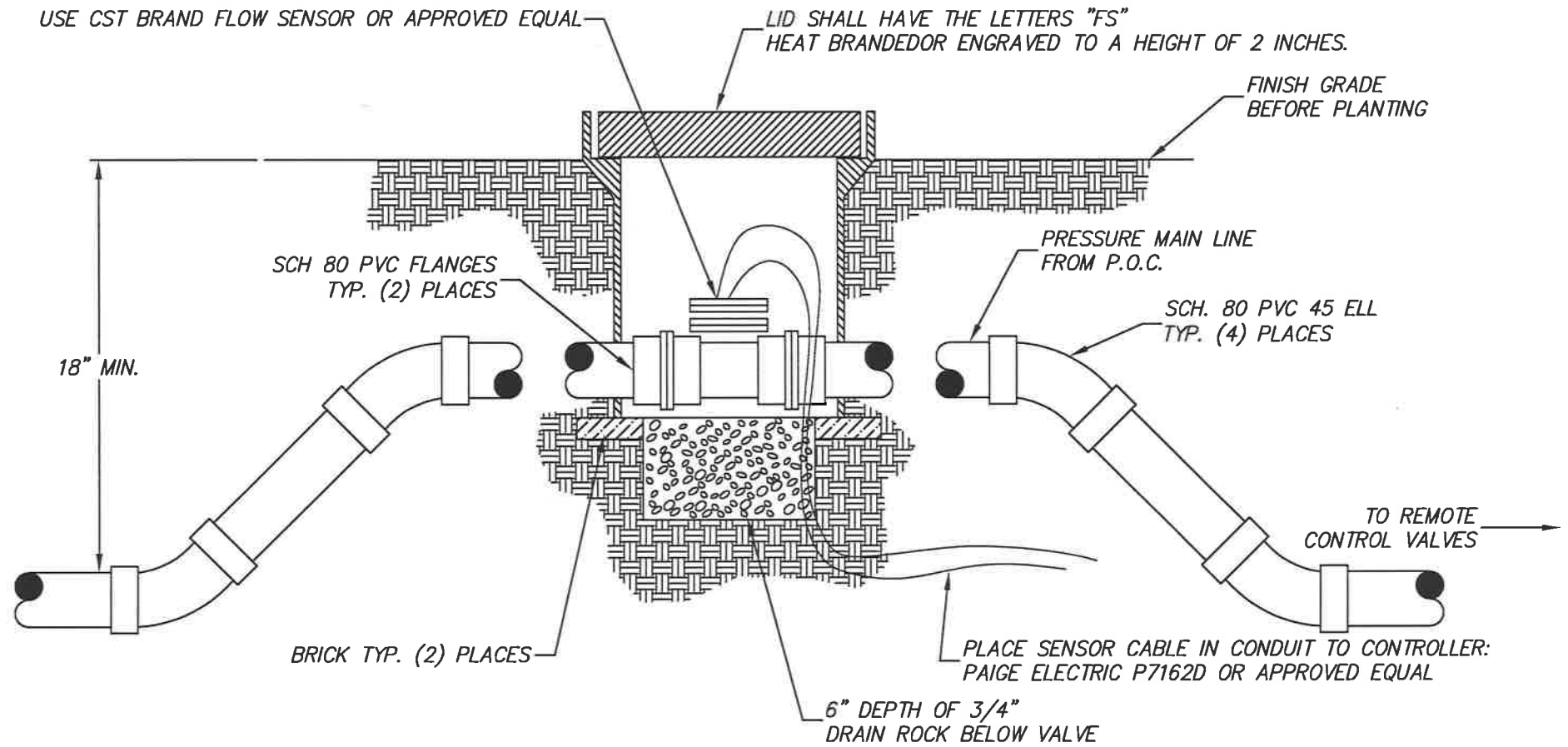
**CITY OF FOLSOM**

**EMITTER  
WITH VALVE BOX**

**SCALE: NONE  
DATE: FEBRUARY 2020**

**LS-16**



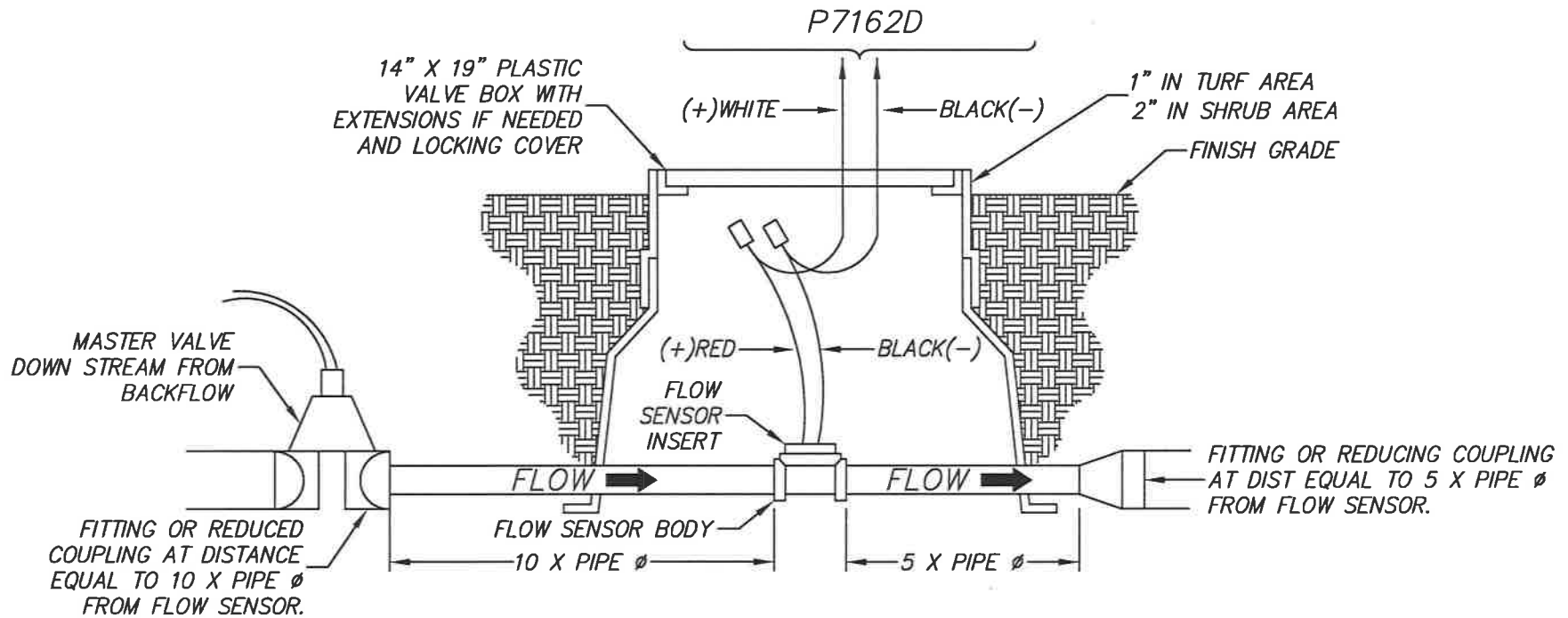


NOTES:

1. INSTALL FLOW SENSOR A MINIMUM OF 12" FROM STRUCTURES OR HARDSCAPING.
2. INSTALL FLOW SENSOR IN PLANT BEDS WHEREVER POSSIBLE.
3. PLACE VALVE BOX AT RIGHT ANGLE TO STRUCTURES OR HARDSCAPING.
4. SENSOR CABLE SHALL BE BROUGHT BACK TO CONTROLLER IN 1 1/4" TO 1 1/2" GRAY SCH. 40 PVC CONDUIT.

CITY OF FOLSOM	
FLOW SENSOR	
SCALE: NONE DATE: FEBRUARY 2020	LS-17

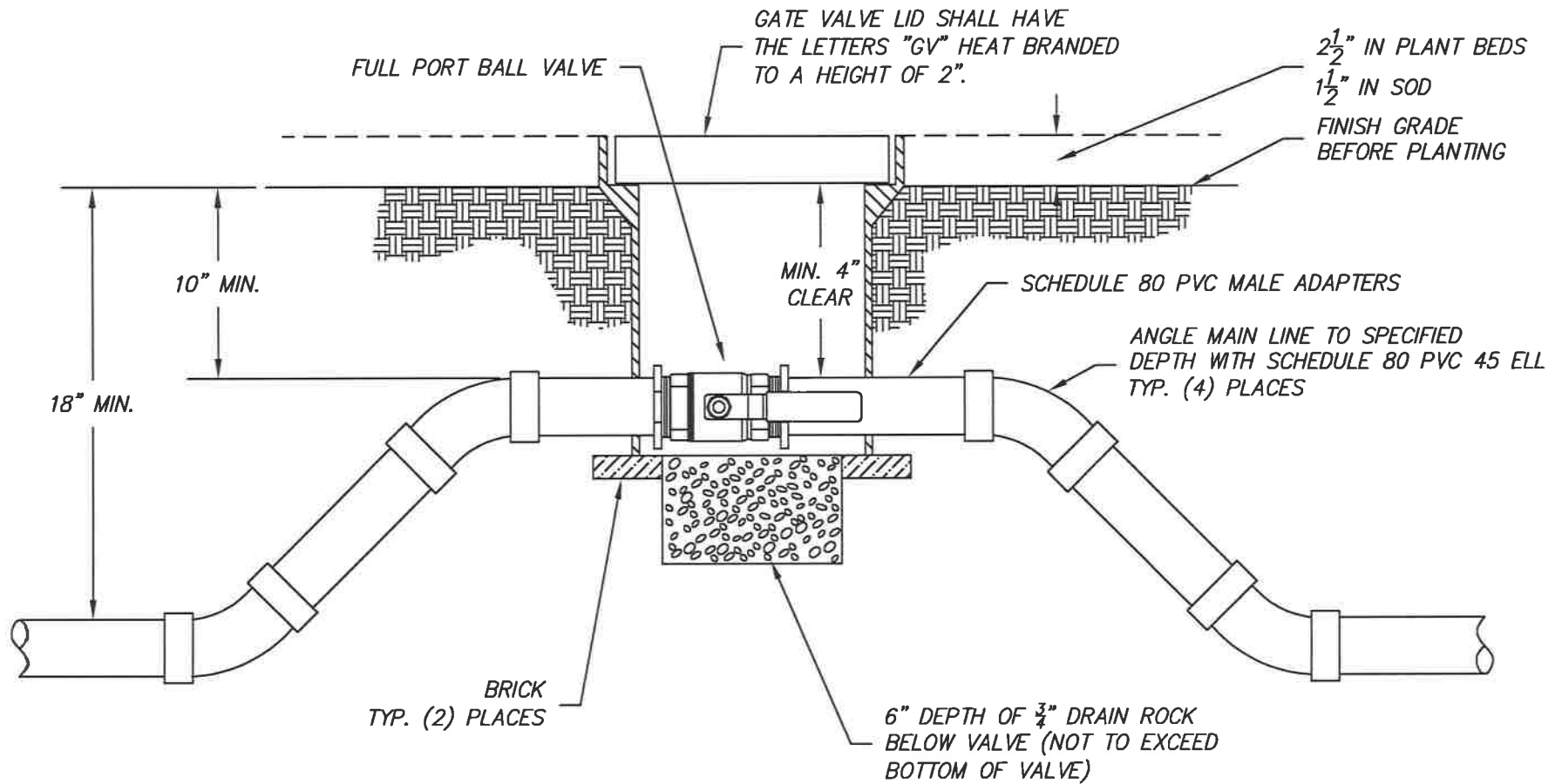
TWO #16 FOIL SHIELD WITH DRAIN BLACK JACKET, DIRECT BURIAL BLACK, WHITE. ALLOW 2' OF EXTRA CABLE.



**NOTES:**

1. FLOW SENSOR SHALL BE INSTALLED WITH INSERT (TOP) POSITIONED VERTICALLY AND BODY (TEE) POSITIONED HORIZONTALLY.
2. FLOW SENSOR CABLE SHALL BE RUN IN 1 ¼" TO 1 ½" PVC CONDUIT FROM FLOW SENSOR TO CONTROLLER ENCLOSURE.
3. CONNECTIONS SHALL BE WATER PROOF WITH POLARITY NOTES ON SENSOR CABLE HOOK-UP.
4. FITTING OR REDUCER COUPLINGS SHALL BE SCHEDULE 80.
5. SENSOR CABLE SHALL BE PAIGE ELECTRIC P7162D OR APPROVED EQUAL.

<b>CITY OF FOLSOM</b>	
<b>FLOW SENSOR FOR LOW FLOWS</b>	
SCALE: NONE DATE: FEBRUARY 2020	LS-18



**NOTES:**

1. PLACE 6" OF 3/4" DRAIN ROCK PRIOR TO INSTALLATION OF VALVE BOX.
2. BALL VALVE SHALL BE FULL PORT.
3. BALL VALVE AND FITTINGS SHALL BE LINE SIZE UNLESS NOTED OTHERWISE.
4. USE TEFLON TAPE ON ALL THREADED FITTINGS.
5. INSTALL VALVE SIDEWAYS SO HANDLE PULLS UP TO SHUTOFF.

CITY OF FOLSOM

BALL VALVE  
3" AND SMALLER

SCALE: NONE  
DATE: FEBRUARY 2020

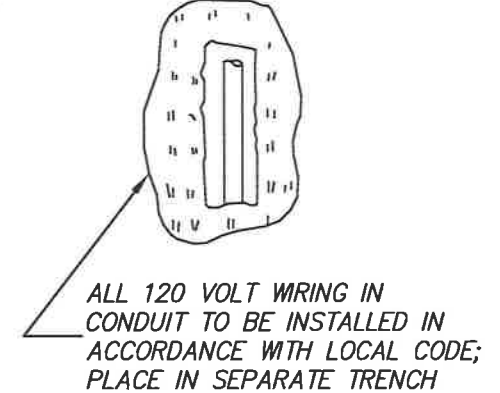
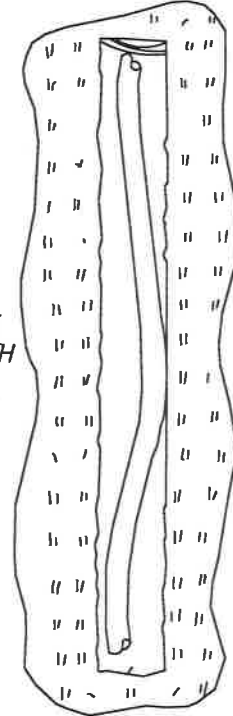
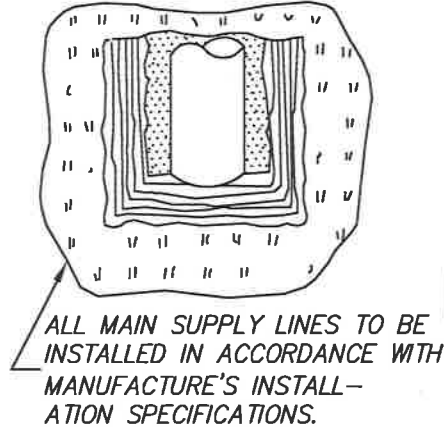
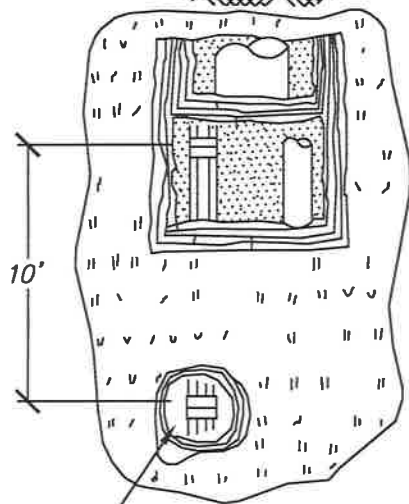
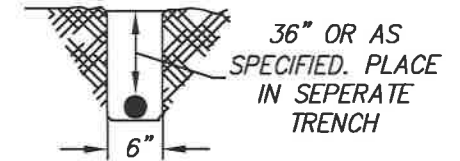
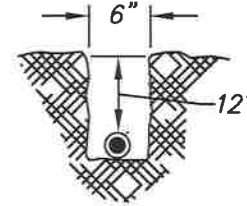
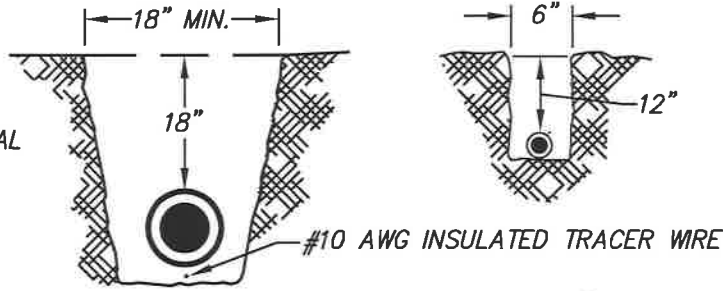
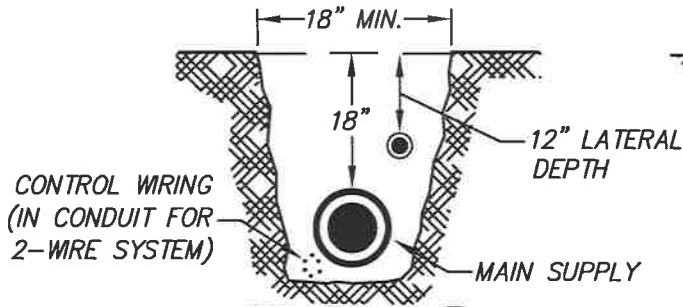
LS-19

MAIN SUPPLY, LATERAL  
CONTROL WIRES & TRACER WIRES

MAIN SUPPLY

PLASTIC LATERAL

120 VOLT IN CONDUIT

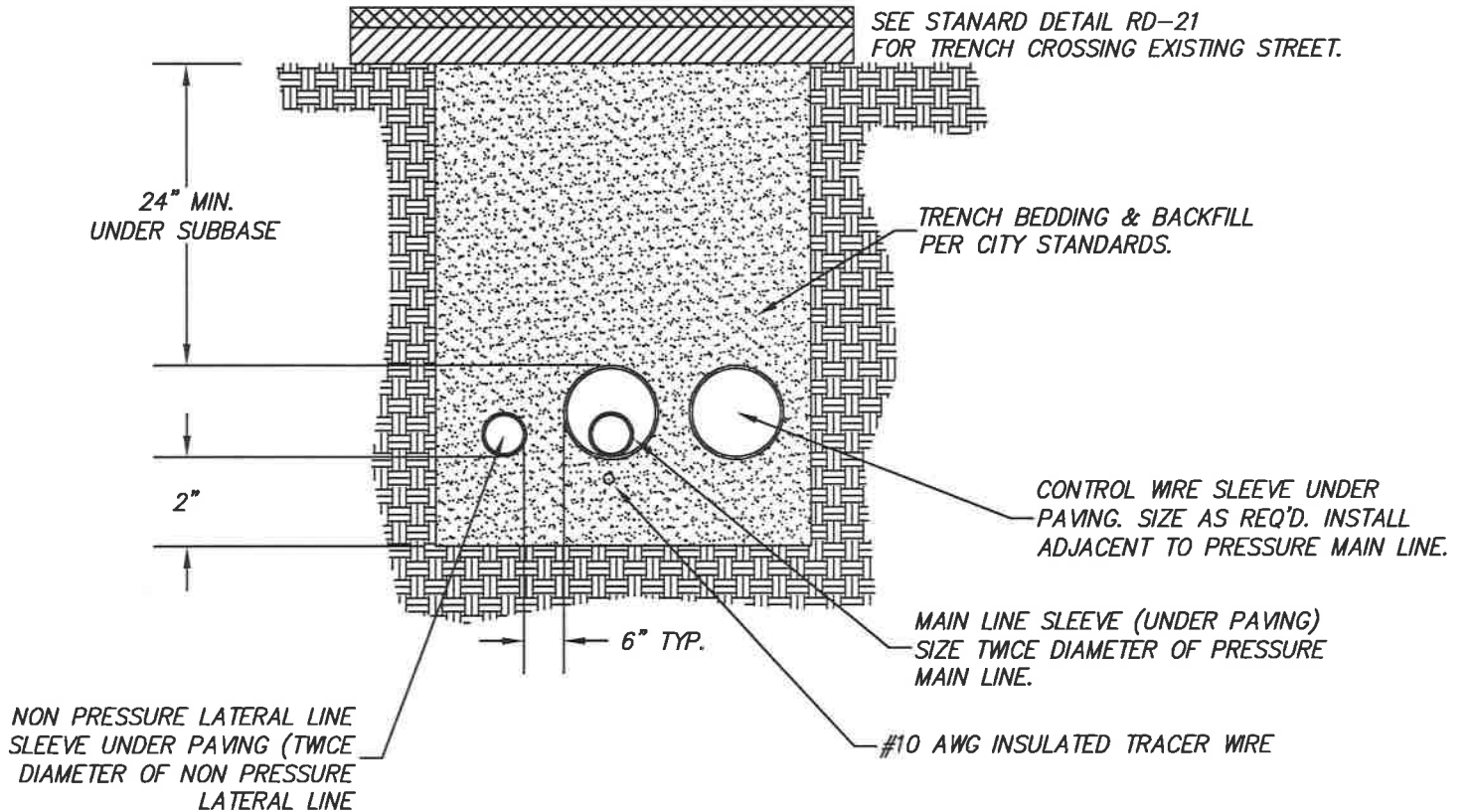


TAPE AND BUNDLE TUBING OR WIRING AT 10' INTERVALS TO MAINLINE PIPE IN CONDUIT FOR 2-WIRE SYSTEM

NOTES:

1. ALL TRENCH BACKFILL SHALL BE COMPACTED TO A MINIMUM OF 90% RELATIVE COMPACTION.
2. MINIMUM DEPTH OF PIPE/SLEEVE/CONDUIT UNDERNEATH PAVEMENT SHALL BE 24".
3. WHEN A 2-WIRE CONTROLLER IS USED CONTROL WIRE SHALL BE INSTALLED IN A MINIMUM 1 1/4"-1 1/2" PVC CONDUIT.
4. SAND BEDDING SHALL BE USED AROUND CONDUITS.

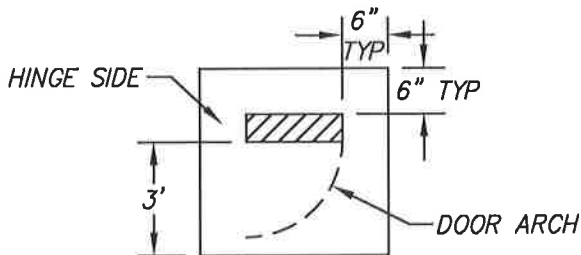
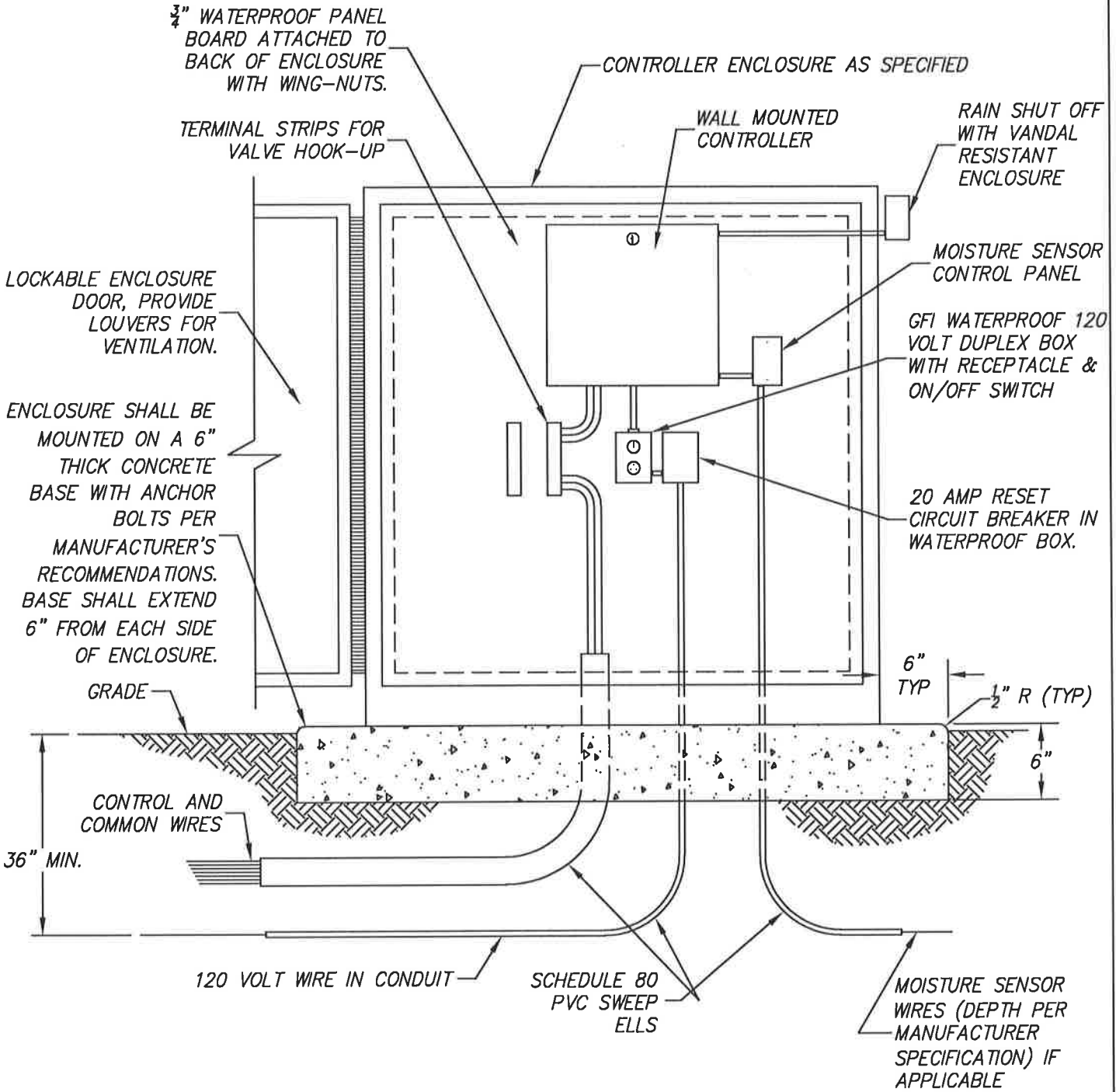
<b>CITY OF FOLSOM</b>	
IRRIGATION SYSTEM TRENCHING	
SCALE: NONE DATE: FEBRUARY 2020	LS-20



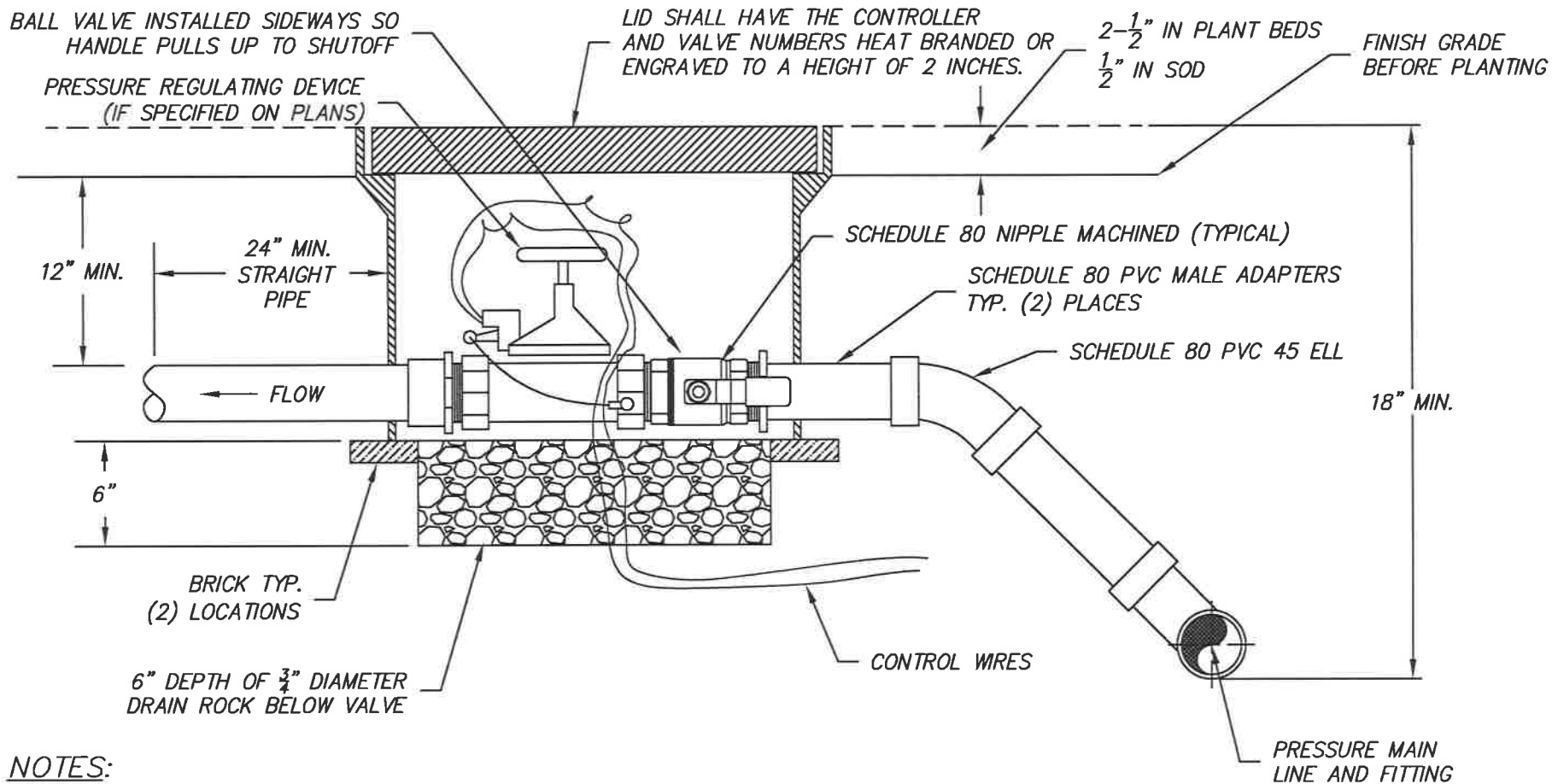
**NOTES:**

1. ALL SLEEVES TO BE SCHEDULE 40 PVC.
2. EXTEND ALL SLEEVES 12" BEYOND EDGE OF HARDSCAPING AT BOTH ENDS, CAP ENDS AND FLAG LOCATIONS, AND NOTCH CURB, SIDEWALK OR PAVEMENT FOR FUTURE LOCATION.

<b>CITY OF FOLSOM</b>	
<b>LANDSCAPE SLEEVES UNDER PAVEMENT</b>	
SCALE: NONE DATE: FEBRUARY 2020	LS-21



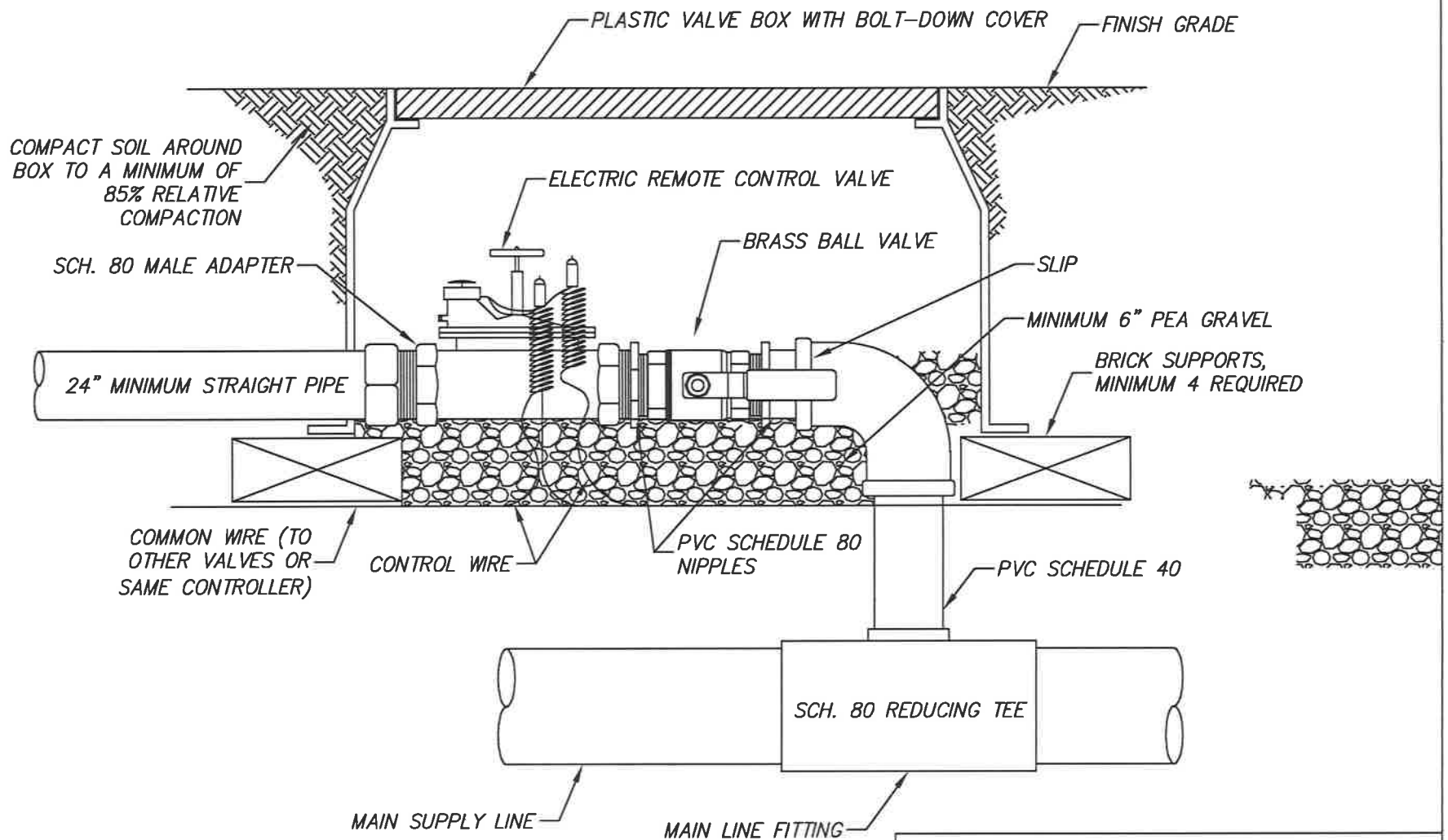
<b>CITY OF FOLSOM</b>	
IRRIGATION CONTROLLER ENCLOSURE	
SCALE: NONE DATE: FEBRUARY 2020	LS-22



**NOTES:**

1. INSTALL CONTROL VALVES A MINIMUM OF 12" FROM STRUCTURES OR HARDSCAPING. NO TREES WITHIN 6' OF UNIT BOX.
2. INSTALL VALVES IN PLANT BEDS WHEREVER POSSIBLE.
3. PLACE VALVE BOX AT RIGHT ANGLES TO STRUCTURES OR HARDSCAPING.
4. SEE SECTION 8.5.F FOR VALVE BOX INSTALLATION DETAILS.
5. USE TEFLON TAPE ON ALL MALE THREADS.
6. BOLT DOWN LID TYPE CARSON INDUSTRIES – OLD CASTLE PRECAST 1419-12-GREEN OR PURPLE WITH BOLT AND T-LID WITH LIFT OR APPROVED EQUAL.
7. LINE BOX WITH LANDSCAPE FABRIC

<b>CITY OF FOLSOM</b>	
ELECTRIC CONTROL MASTER VALVE AND BALL VALVE	
SCALE: NONE DATE: FEBRUARY 2020	LS-23



**NOTE:**

1. ALL WIRE TO BE INSTALLED AS PER LOCAL CODE.
2. TAPE AND BUNDLE WIRE EVERY 10'.
3. PROVIDE EXPANSION COILS AT EACH WIRE CONNECTION IN VALVE BOX (WRAP AROUND 1/2" PIPE 24 TIMES).
4. ALL SCHEDULE 80 PIPE NIPPLES SHALL BE MACHINED.
5. LINE BOX WITH LANDSCAPE FABRIC.

CITY OF FOLSOM

SOLENOID VALVE

SCALE: NONE  
DATE: FEBRUARY 2020

LS-24



**NOTES:**

1. ALL METALLIC CONDUITS TERMINATING INSIDE THE PEDESTAL SHALL BE PROVIDED WITH GROUNDING BUSHINGS.
2. BOND ALL GROUNDING BUSHINGS, PEDESTAL ENCLOSURE AND THE NEUTRAL PLATE TO THE GROUND WITH COPPER CONDUCTORS. SIZED AS REQUIRED BY ARTICLE 250-79.

REMOVABLE RAIN CAP WITH NEOPRENE GASKET TO BE USED FOR TOP OF SERVICE SECTION WHEN METER IS NOT REQUIRED. WELD  $\frac{1}{4}$ "  $\phi$   $\frac{1}{2}$ " BOLTS TO BOTTOM OF RAIN CAP & BOLT CAP TO SERVICE CAN OR METER SECTION.

REMOVABLE METER SECTION INCLUDING METER SOCKET WITH MANUAL CLOSING DEVICE PER SMUD REQUIREMENT.

HAND-OFF-AUTO SELECTOR SWITCH

SERVICE SECTION WITH HINGED DEAD FRONT DOOR & HINGED OUTSIDE DOOR EQUIPED WITH PADLOCKABLE DRAW LATCH. NEMA III R CONSTRUCTION EQUIPMENT TO BE MOUNTED ON PAN IN REAR HINGED FRONT DOOR (NEOPRENE GASKET REQUIRED)

PADLOCKABLE DRAW LATCH

SOLID NEUTRAL

GROUND BUSHING (SEE NOTE ABOVE)

12 GAGE STEEL (GREEN COLOR)

APPROVED GROUND CLAMP, FILL IN VOID SPACE UNDER BASE WITH MORTAR

$\frac{1}{2}$ " R (TYPICAL)

$\frac{3}{8}$ " X 18" GALVANIZED ANCHOR ROD (4 REQUIRED)

CONCRETE FOUNDATION (TOP 2" ABOVE FINISH GRADE)

$\frac{1}{2}$ " X 8' COPPERWELD OR EQUAL GROUND ROD

2" CONDUIT KNOCKOUT WITH REMOVABLE COVER PLATE. PROVIDE BUSHING.

HANDLE LATCH (2 REQUIRED)

STUD WELDED TO BARRIER (2 REQUIRED)

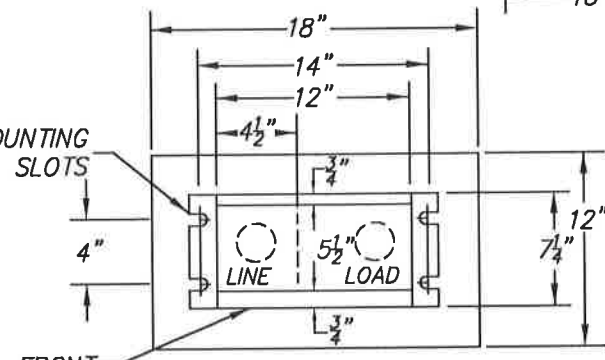
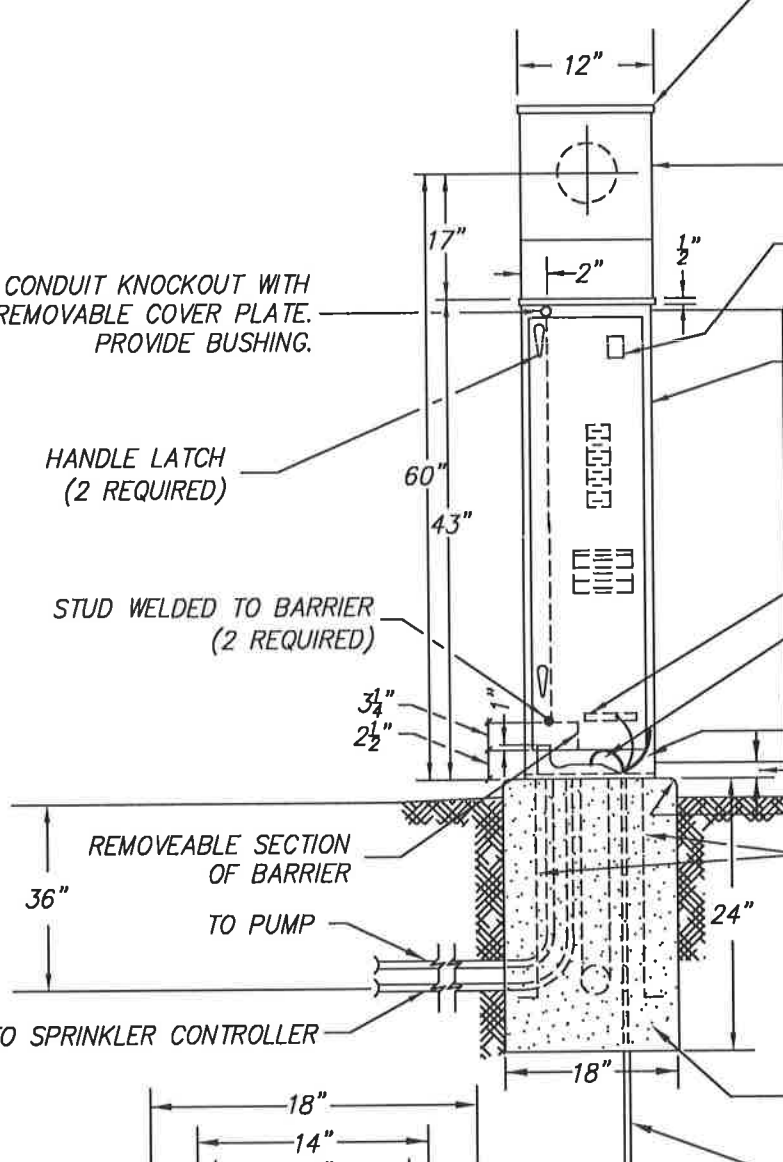
REMOVEABLE SECTION OF BARRIER TO PUMP  
TO SPRINKLER CONTROLLER

$\frac{9}{16}$ " MOUNTING SLOTS

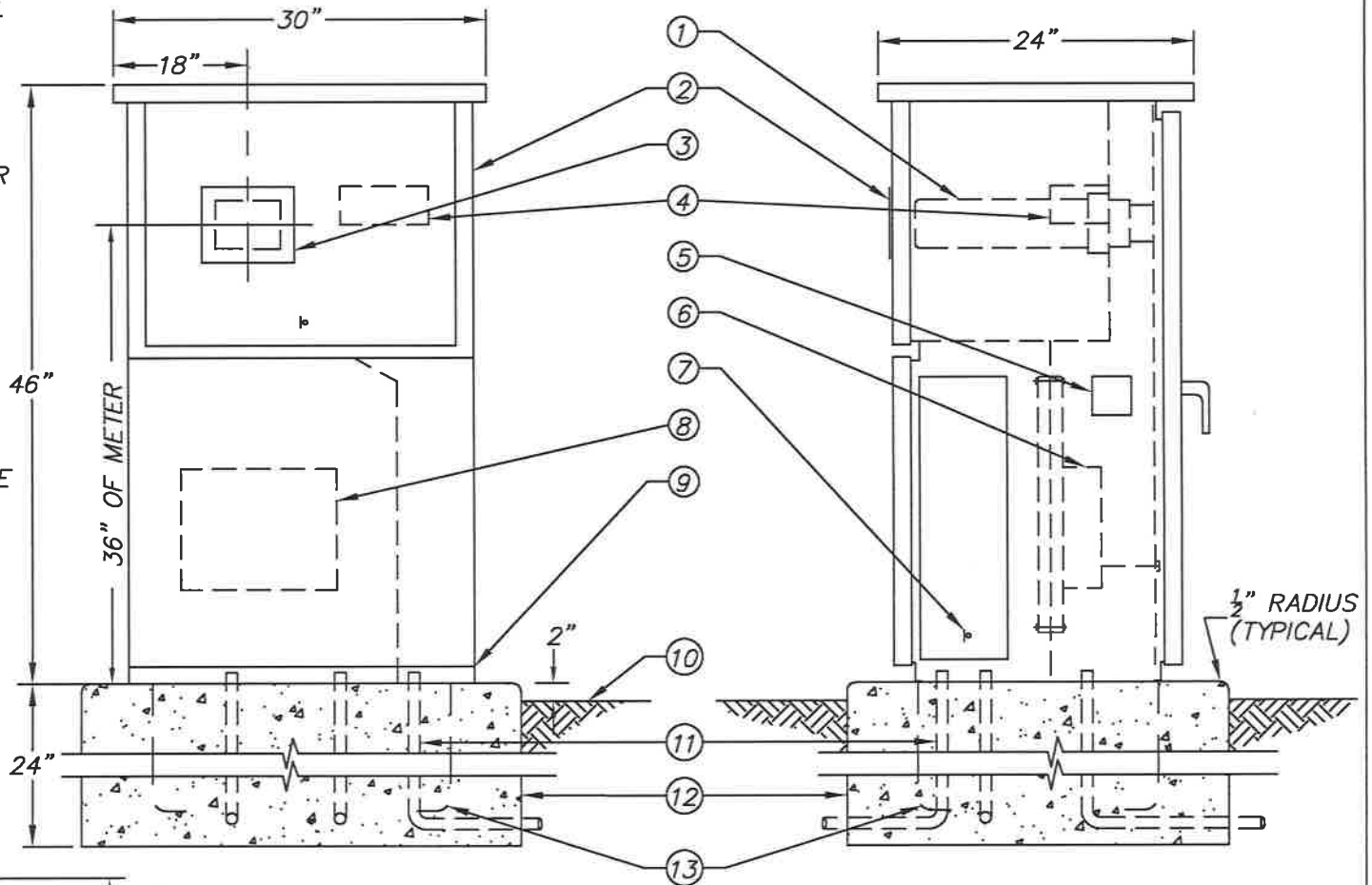
FRONT

BASE MOUNTING DETAIL

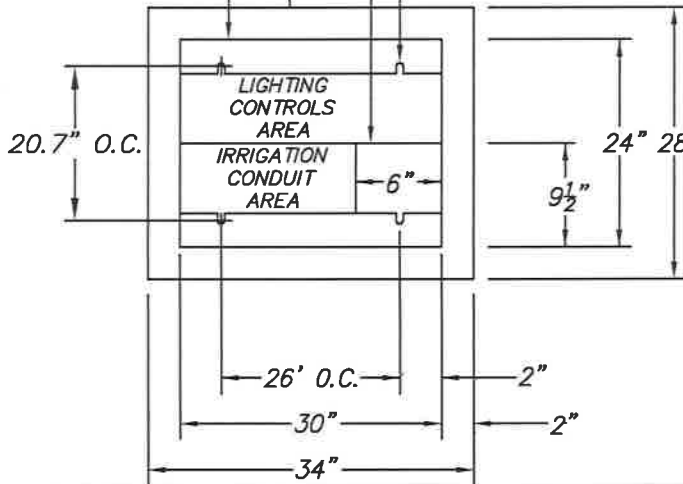
<b>CITY OF FOLSOM</b>	
ELECTRICAL SERVICE PEDESTAL	
SCALE: NONE DATE: FEBRUARY 2020	LS-25



- ① METERING PER SMUD REQUIREMENTS.
  - ② TESCO 24-200 ENCLOSURE, OR APPROVED EQUAL. PAINTED RANCH GREEN.
  - ③ PADLOCKABLE AND SEALABLE METER COVER WITH WIRE GLASS BELOW TEST BLOCK PERCH.
  - ④ TEST BLOCK PERCH.
  - ⑤ LEXAN PHOTOCELL WINDOW WITH METAL VANDAL GUARD.
  - ⑥ LIGHTING CONTROL COMPARTMENT.
  - ⑦ RACEWAY COVER WITH PADLOCKABLE AND SEALABLE HASP.
  - ⑧ IRRIGATION CONTROLLER PROVIDED AND INSTALLED BY LANDSCAPE CONTRACTOR.
- 9/16" x 1/8" MTG. SLOT



SMUD SERVICE  
ENTRANCE WIREWAY  
CONCRETE  
FOUNDATION  
ENCLOSURE

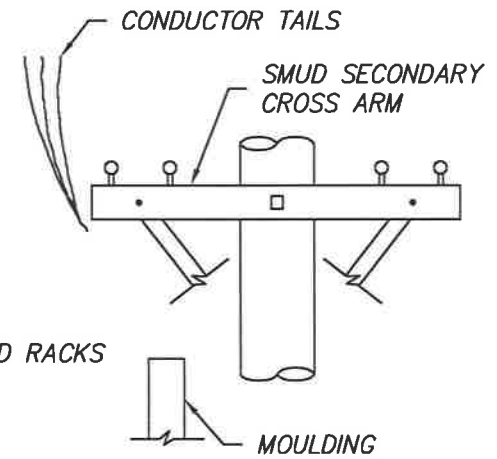
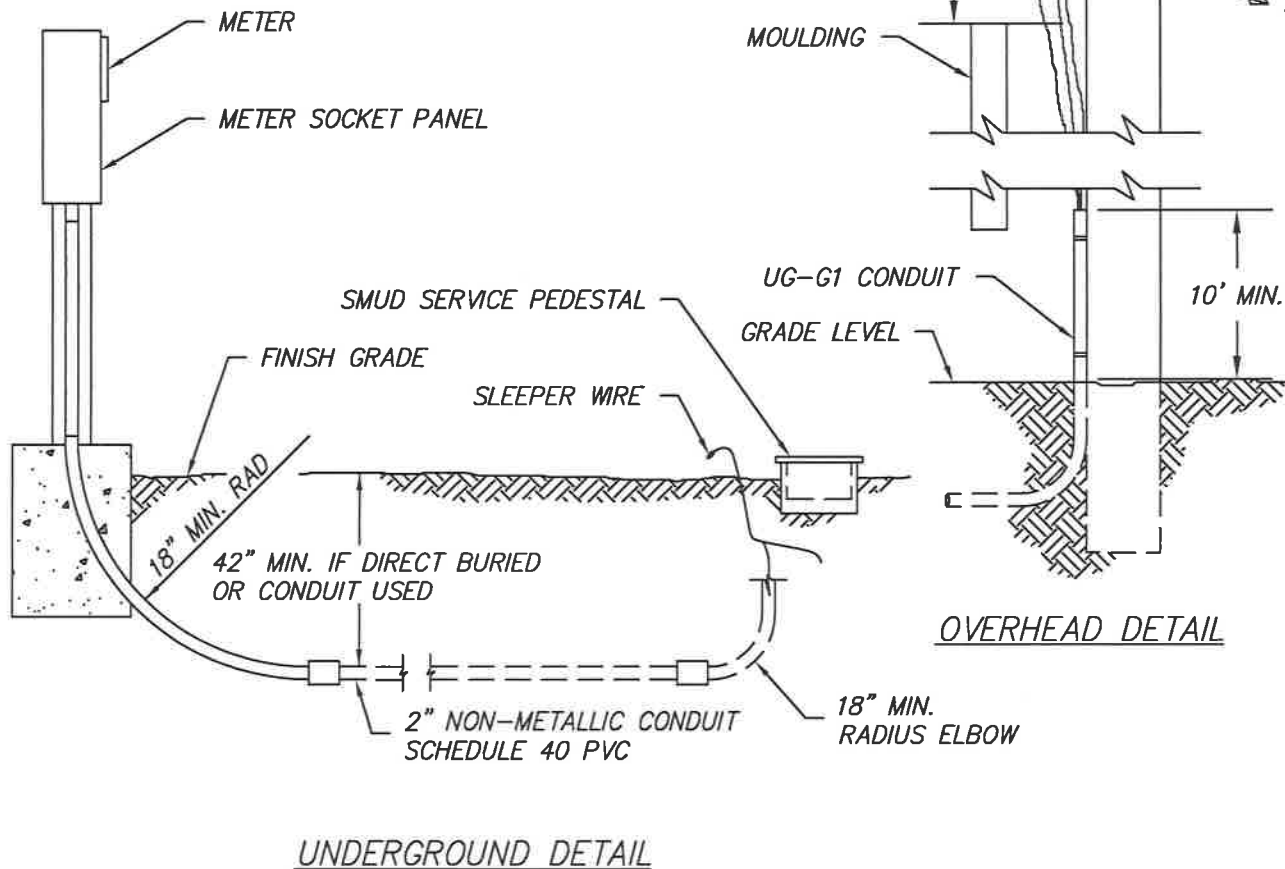


- ⑨ SMUD SERVICE ENTRANCE WIREWAY.
- ⑩ FINISH GRADE
- ⑪ CONDUITS PER PLAN
- ⑫ CONCRETE BASE
- ⑬ 3/8"Ø X 18" ANCHOR BOLT WITH TOE (4-TYP)

<b>CITY OF FOLSOM</b>	
ELECTRICAL SERVICE PEDESTAL WITH COMBINED IRRIGATION AND LIGHTING CONTROLS	
SCALE: NONE DATE: FEBRUARY 2020	LS-26

CONTRACTOR TO FURNISH AND LEAVE TIED TO POLE:

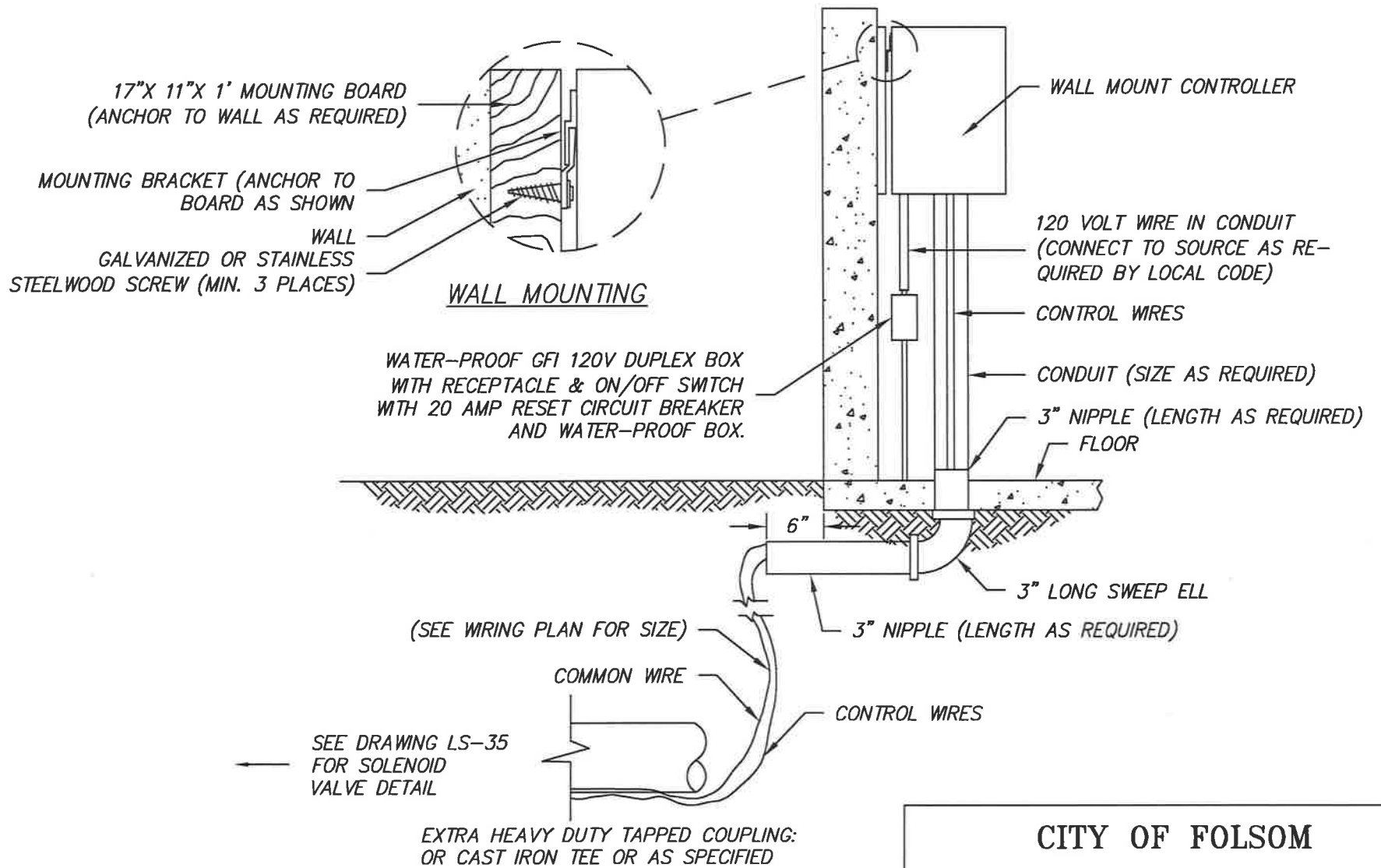
1. CONDUCTORS CUT TO REACH 2' ABOVE SMUD MIDDLE SECONDARY BACK OR IF CROSS ARM CONSTRUCTION 4' ABOVE CROSS ARM.
2. CONDUIT TO MEET SMUD REQUIREMENTS.
3. NOTIFY SMUD FOR CONNECTION.



NOTES:

1. SERVICE RISER & ELBOW TO CUSTOMER SERVICE PANEL SHALL BE IN ACCORDANCE WITH APPLICABLE BUILDING CODES EXCEPT THAT ALUMINUM CONDUIT SHALL NOT BE INSTALLED BELOW GROUND.
2. 1½" CONDUIT MAY BE USED FOR SERVICE PANELS HAVING A MAIN DISCONNECT OF 125 AMPS OR LESS.
3. IF CABLE IS DIRECT BURIED – PROVIDE SLACK IN CABLE AT CONDUIT ENTRANCE TO ALLOW FOR SOIL SETTING.
4. SERVICE PEDESTAL SHALL BE AS INDICATED IN THE SPECIFICATIONS OR IN THE DRAWINGS.

<b>CITY OF FOLSOM</b>	
SERVICE RISER	
SCALE: NONE DATE: FEBRUARY 2020	LS-27

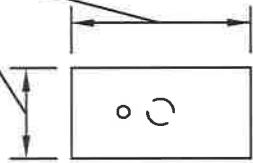


**NOTE:**

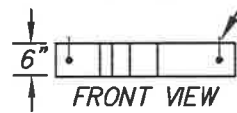
1. ALL MATERIAL SPECIFICATIONS SUCH AS TYPE OF SPRINKLER EQUIPMENT, PIPE, FITTINGS CONDUIT, WIRING, VALVE BOXES, RISERS ETC. SHALL BE AS SPECIFIED ON IRRIGATION PLAN.

<b>CITY OF FOLSOM</b>	
WALL MOUNTED CONTROLLER	
SCALE: NONE DATE: FEBRUARY 2020	LS-28

4" CLEAR ON BOTH SIDES OF THE ENCLOSURE

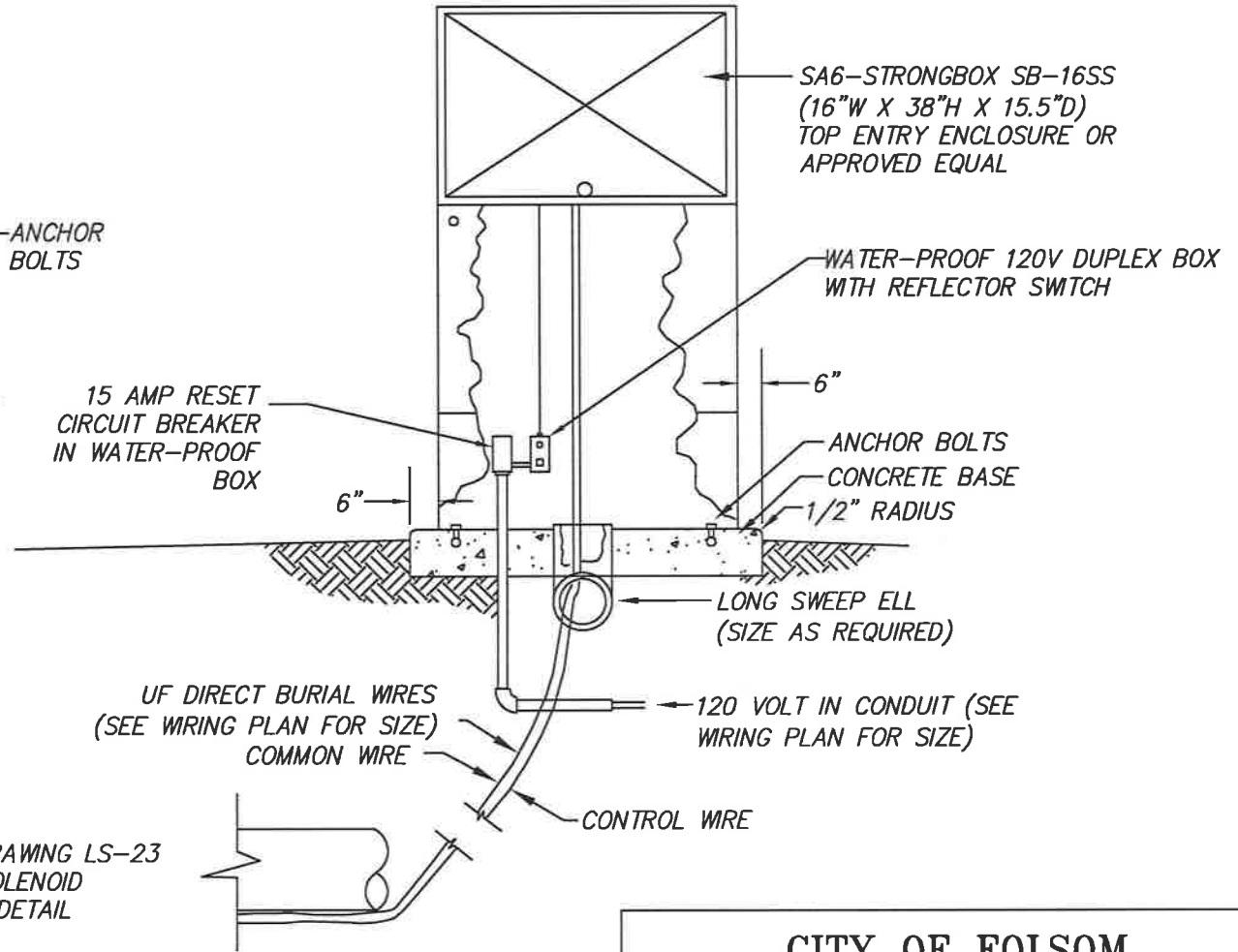


TOP VIEW



FRONT VIEW

CONCRETE BASE



**NOTE:**

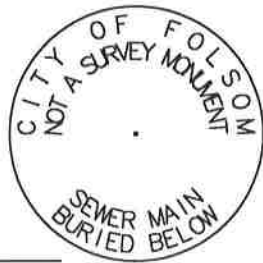
ALL MATERIAL SPECIFICATIONS SUCH AS TYPE OF SPRINKLER EQUIPMENT, PIPE, FITTINGS, CONDUIT, WIRING, VALVE BOXES, RISERS, ETC. SHALL BE AS SPECIFIED ON IRRIGATION PLAN.

CITY OF FOLSOM

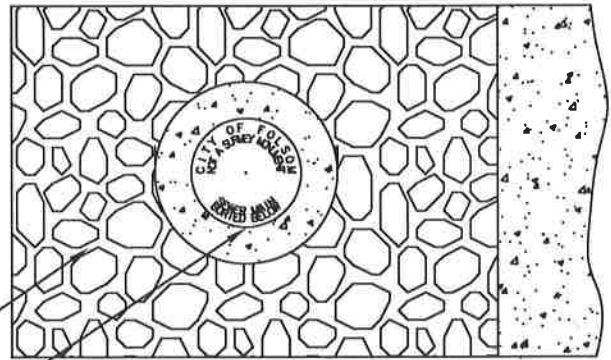
PEDESTAL MOUNTED CONTROLLER

SCALE: NONE  
DATE: FEBRUARY 2020

LS-29

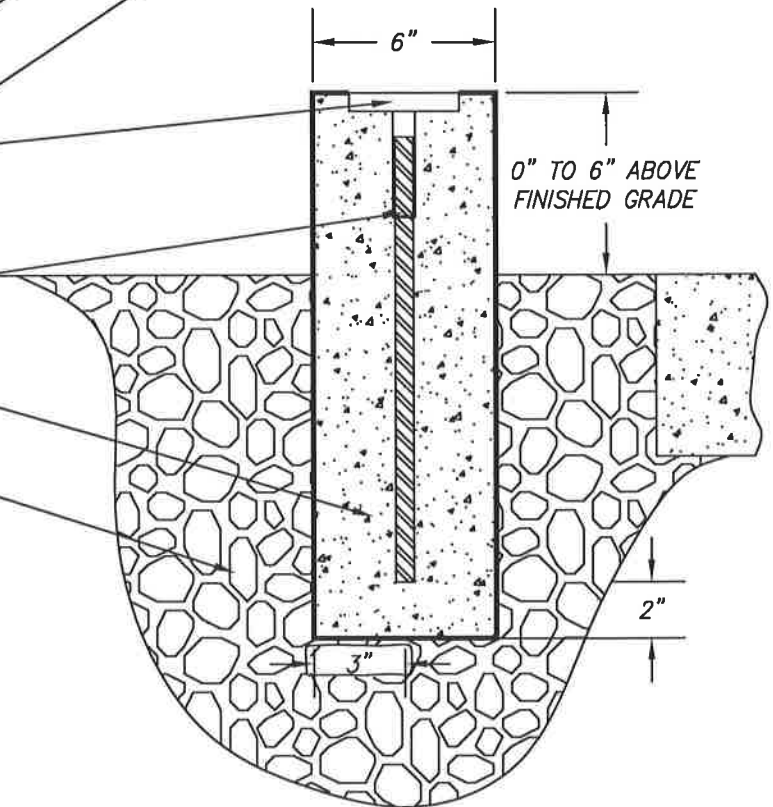


ENLARGEMENT  
BRASS MARKER EXAMPLE



PLAN

- EXISTING TRAIL SHOULDER
- STAMPED BRASS MONUMENT MARKER, SET FLUSH WITH TOP OF CONCRETE. SEE ENLARGEMENT FOR DETAILS.
- INSERT #4 REBAR INTO BRASS MARKER
- CONCRETE CYLINDER 6"x6"x18"
- EXISTING AGGREGATE BASE



SECTION

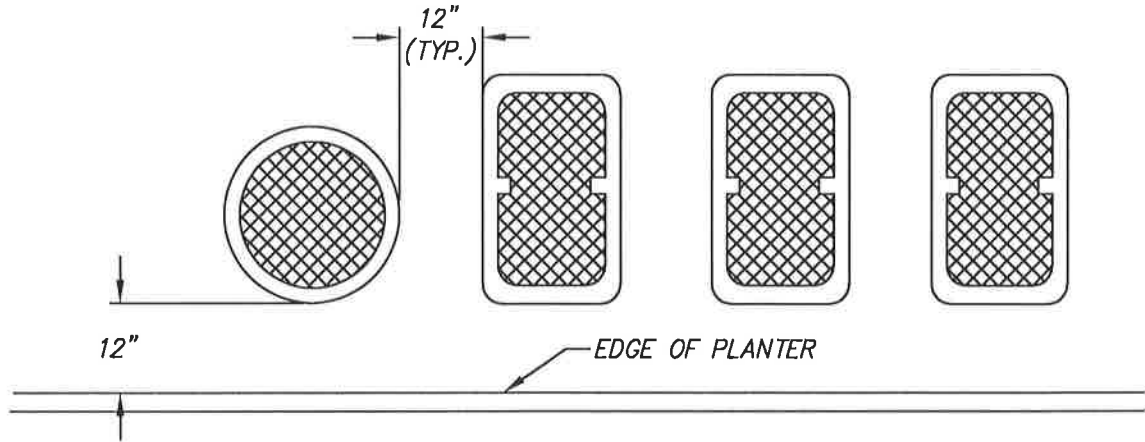
NOTES:

1. LOCATE BRASS MARKERS DIRECTLY ABOVE THE UNDERLYING SEWER OR WATER LINE. SPACE MARKER LOCATIONS EVERY 150 LINEAL FEET ALONG THE LENGTH OF THE SEWER MAIN. SEE PLANS FOR DENOTATION OF MARKER LOCATIONS.
2. BRASS MARKER & ATTACHED REBAR TO BE CENTERED IN THE CONCRETE CYLINDER. SET BOTH IN FRESH CONCRETE AT TIME OF POURING.
3. MARKER LABELING TO CORRESPOND WITH THE TYPE OF MAIN IT IS ABOVE. MARKERS ABOVE THE SEWER LINE TO BE STAMPED "SEWER MAIN"; MARKERS ABOVE THE WATER LINE TO BE STAMPED "WATER MAIN".

<b>CITY OF FOLSOM</b>	
SEWER & WATER LINE MARKER IN LANDSCAPED AREAS	
SCALE: NONE DATE: FEBRUARY 2020	LS-30

OLDCASTLE PRECAST 1419-12-GREEN OR PURPLE (AS REQUIRED) 14" X 19" X 12"  
WITH BOLT AND T-LID WITH LIFT OR APPROVED EQUAL

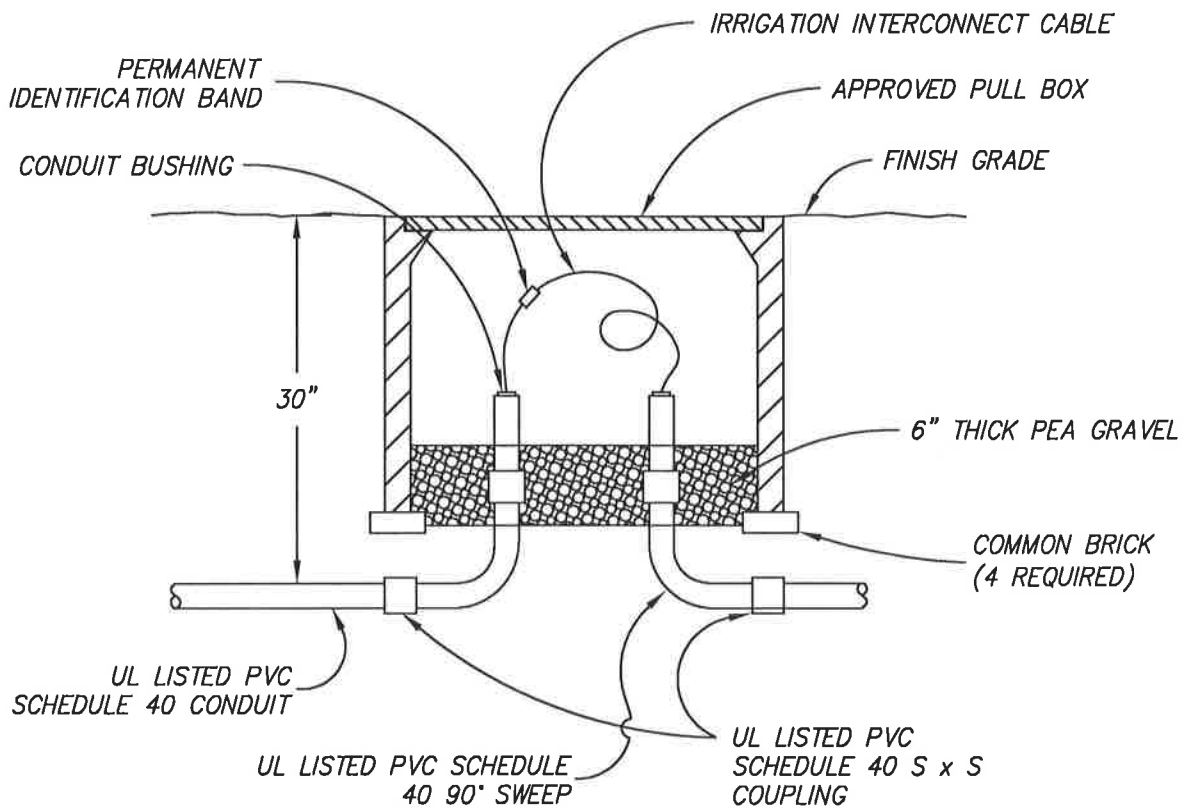
910-10-4B: 10" ROUND GREEN OR PURPLE (AS REQUIRED) OR APPROVED EQUAL



**NOTE:**

1. QUICK COUPLING VALVE SHALL BY PLACED IN ROUND VALVE BOX WITH LOCKING BOLT.
2. REMOTE CONTROL VALVE ASSEMBLY SHALL BY PLACED IN RECTANGULAR VALVE BOX WITH LOCKING BOLT.
3. PLACE REMOTE CONTROL VALVE ASSEMBLY IN SHRUB/GROUNDCOVER AREA WHENEVER POSSIBLE.
4. SET VAVLE BOXES PARALLEL TO EACH OTHER AND PERPENDICULAR TO EDGE OF PLANTER.
5. SET ALL GROUPING OF VALVE BOXES AT SAME LEVEL ABOVE GROUND.
6. ALL VALVE BOXES SHALL HAVE A MINIMUM CLEARANCE OF 6" BETWEEN THE RIM OF THE BOX AND THE VALVES INSIDE.
7. AVOID HEAVILY COMPACTING SOIL AROUND VALVE BOXES TO PREVENT COLLAPSE AND DEFORMATION OF VALVE BOX SIDES.
8. BRAND VALVE NUMBER IN TOP OF BOX.

<b>CITY OF FOLSOM</b>	
<b>VALVE BOX LAYOUT</b>	
<b>SCALE: NONE</b> <b>DATE: FEBRUARY 2020</b>	<b>LS-31</b>

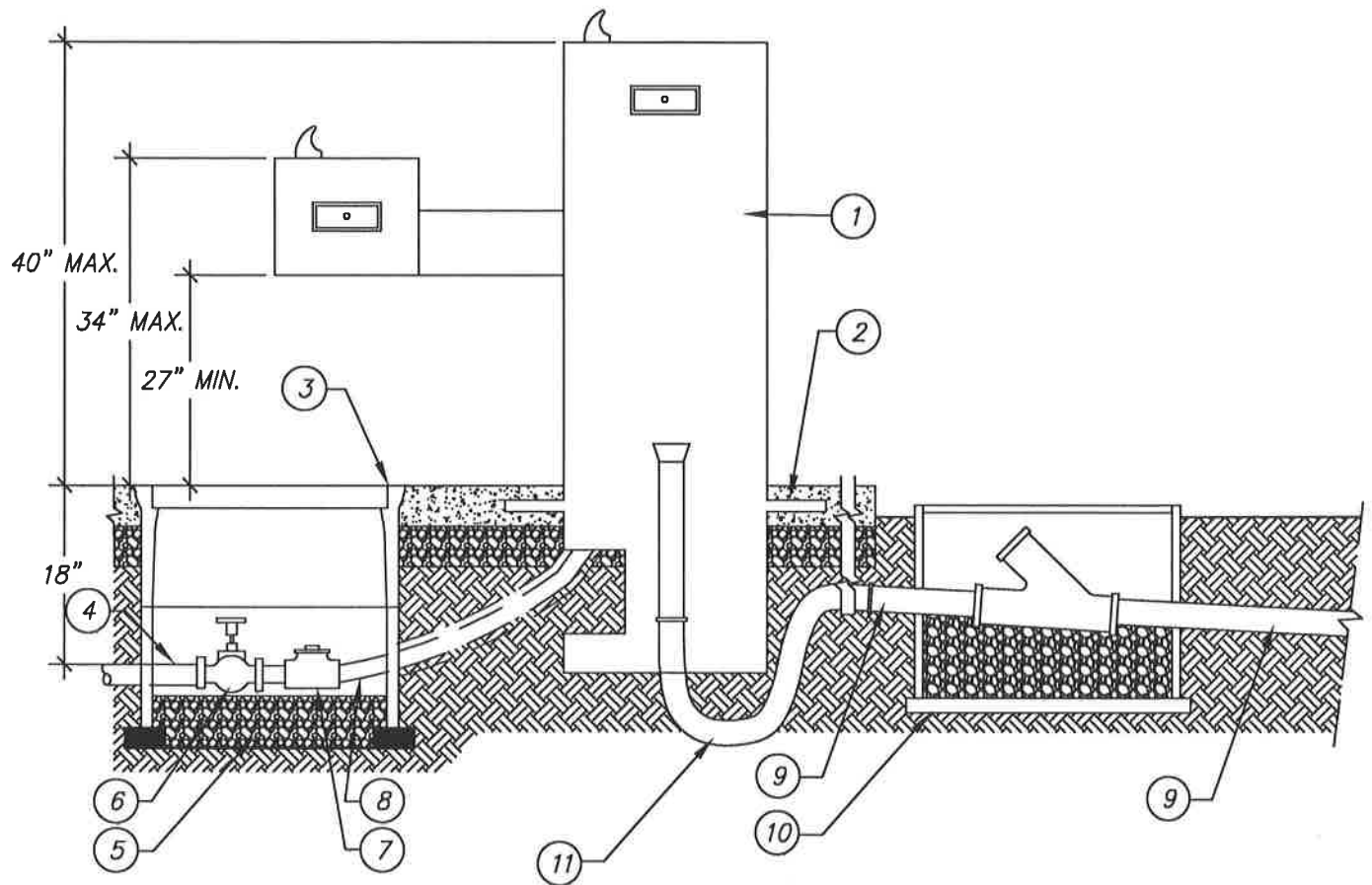


**NOTE:**

1. THE ENDS OF THE CONDUIT SHALL BE CAPPED UNTIL PULLING OF CONDUCTORS IS STARTED.

<b>CITY OF FOLSOM</b>	
PULL BOX	
SCALE: NONE DATE: FEBRUARY 2020	LS-32





**LEGEND:**

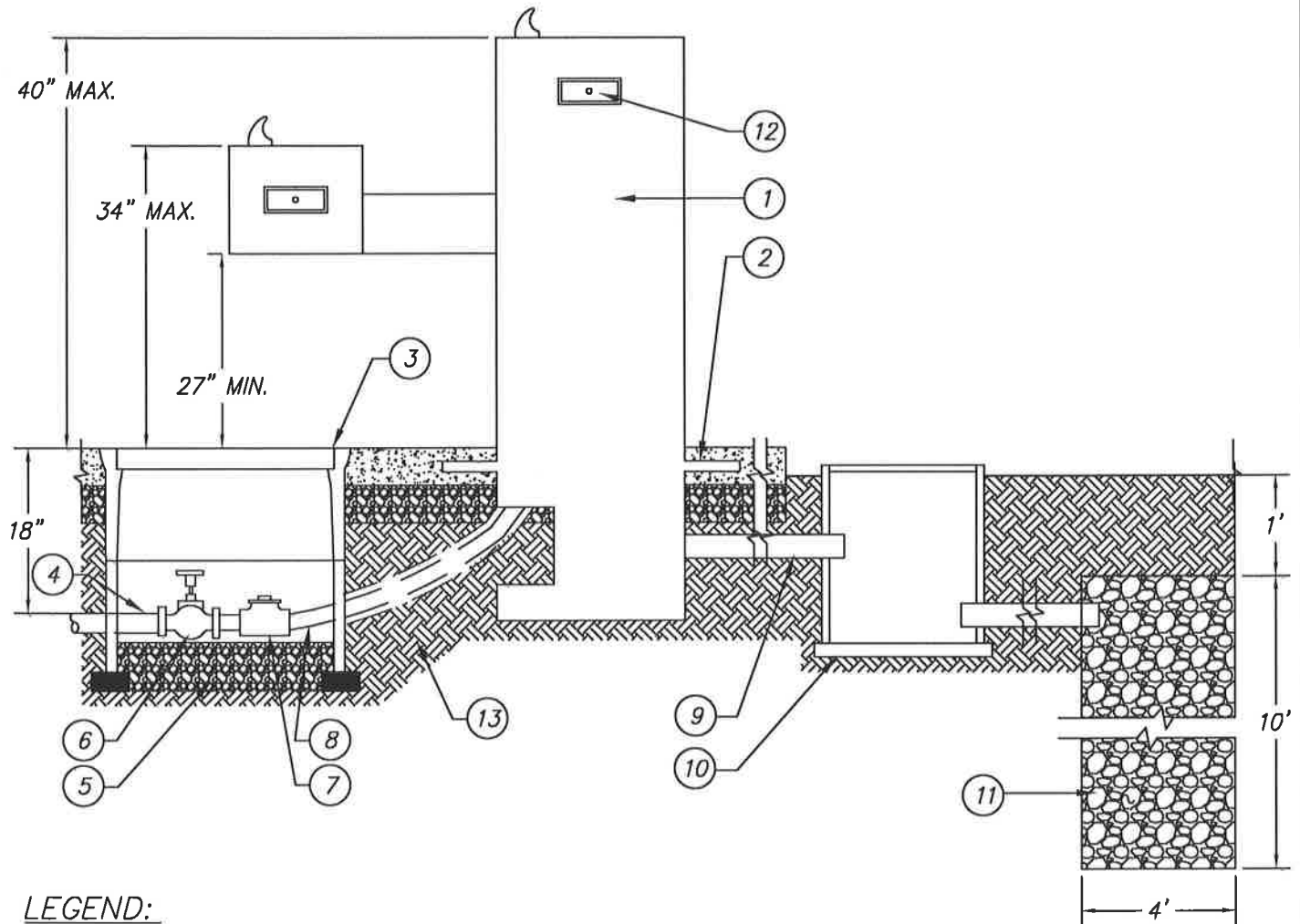
1. REFER TO CONSTRUCTION DOCUMENTS FOR MODEL NO. AND COLOR.
2. EMBED STEEL SUPPORT IN CONCRETE PER MANUFACTURER'S SPECIFICATIONS. CONSTRUCT CONCRETE PAD PER CITY STANDARD SPECIFICATIONS.
3. CHRISTY B16 CONCRETE UTILITY BOX WITH 12" EXTENSION & B16C LID. SET FLUSH WITH PAVEMENT. INSTALL IN SHRUB/GROUNDCOVER AREA IF IMMEDIATELY ADJACENT TO FOUNTAIN LOCATION.
4. 1" SCHEDULE 40 PVC DOMESTIC SUPPLY LINE. REFER TO IMPROVEMENT PLAN FOR LOCATION.
5. 6" LAYER OF 3/4" DRAIN ROCK.
6. 3/4" GATE VALVE.
7. 1"X1"X1" TSS SCH 80 PVC TEE. PROVIDE THREADED PLUG FOR DRAINING LINE. PROVIDE 1"X1/2" REDUCER AFTER TEE TO CONNECT TO 1/2" NYLON WATER SUPPLY TO FOUNTAIN.
8. 1/2" REINFORCED NYLON WATER SUPPLY TUBING. INSTALL IN PVC SWEEP BETWEEN FOUNTAIN AND UTILITY BOX.
9. 3" PVC DRAINLINE, LENGTH AS REQUIRED.
10. 3" CLEAN-OUT IN CHRISTY N30 VAULT WITH B30D LOCKING LID.
11. 3" P-TRAP WITH BELL END TAIL PIECE TO PROVIDE AIR GAP BETWEEN 1 1/2" AND 3" DRAIN PIPE

**CITY OF FOLSOM**

**DRINKING FOUNTAIN  
IN-GROUND MOUNT  
WITH DRAIN**

**SCALE: NONE**  
**DATE: FEBRUARY 2020**

LS-33



**LEGEND:**

1. REFER TO CONSTRUCTION DOCUMENTS FOR MODEL NO. AND COLOR.
2. EMBED STEEL SUPPORT IN CONCRETE PER MANUFACTURER'S SPECIFICATIONS. CONSTRUCT CONCRETE PAD PER CITY STANDARD SPECIFICATIONS.
3. CHRISTY B16 CONCRETE UTILITY BOX WITH 12" EXTENSION & B16C LID. SET FLUSH WITH PAVEMENT. INSTALL IN SHRUB/GROUNDCOVER AREA IF IMMEDIATELY ADJACENT TO FOUNTAIN LOCATION.
4. 1" SCHEDULE 40 PVC DOMESTIC SUPPLY LINE. REFER TO CONSTRUCTION DOCUMENTS FOR LOCATION.
5. 6" LAYER OF ¾" DRAIN ROCK.
6. ¾" GATE VALVE.
7. 1"X1"X1" TSS SCHEDULE 80 PVC TEE. PROVIDE THREADED PLUG FOR DRAINING LINE. PROVIDE 1"X½" REDUCER AFTER TEE TO CONNECT TO ½" NYLON WATER SUPPLY TO FOUNTAIN.
8. ½" REINFORCED NYLON WATER SUPPLY TUBING. INSTALL IN PVC SWEEP BETWEEN FOUNTAIN AND UTILITY BOX.
9. 1½" SCHEDULE 40 PVC DRAINLINE, LENGTH AS REQUIRED.
10. CLEAN-OUT: 12" DIAMETER ROUND CONCRETE BOX WITH CONCRETE LID AND BOTTOM.
11. 4' DIAMETER X 10' DEEP SUMP FILLED WITH CLEAN ¾" DRAIN ROCK. REFER TO CONSTRUCTION DOCUMENTS FOR LOCATION.
12. WATER HEIGHT ADJUSTED THROUGH HOLE IN PUSH BAR SCREWDRIVER.
13. COMPACT SUBGRADE, 6" DEPTH, 95% RELATIVE COMPACTION.

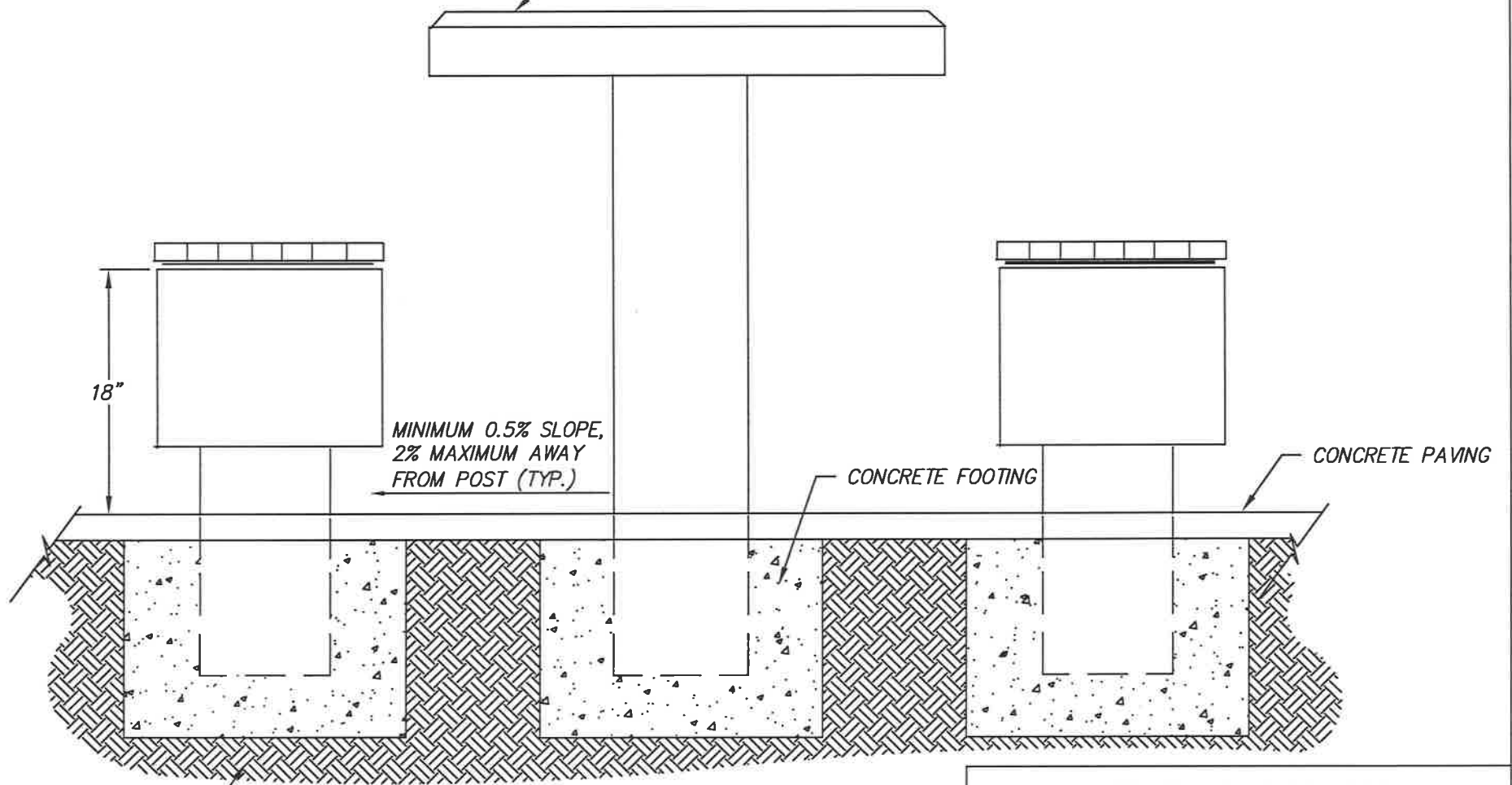
**CITY OF FOLSOM**

**DRINKING FOUNTAIN  
IN-GROUND MOUNT  
WITH SUMP**

**SCALE: NONE  
DATE: FEBRUARY 2020**

**LS-34**

NON-MOVABLE PICNIC TABLE APPROVED BY ENGINEER OR AS SPECIFIED. INSTALL PER MANUFACTURERS SPECIFICATIONS.



18"

MINIMUM 0.5% SLOPE,  
2% MAXIMUM AWAY  
FROM POST (TYP.)

CONCRETE FOOTING

CONCRETE PAVING

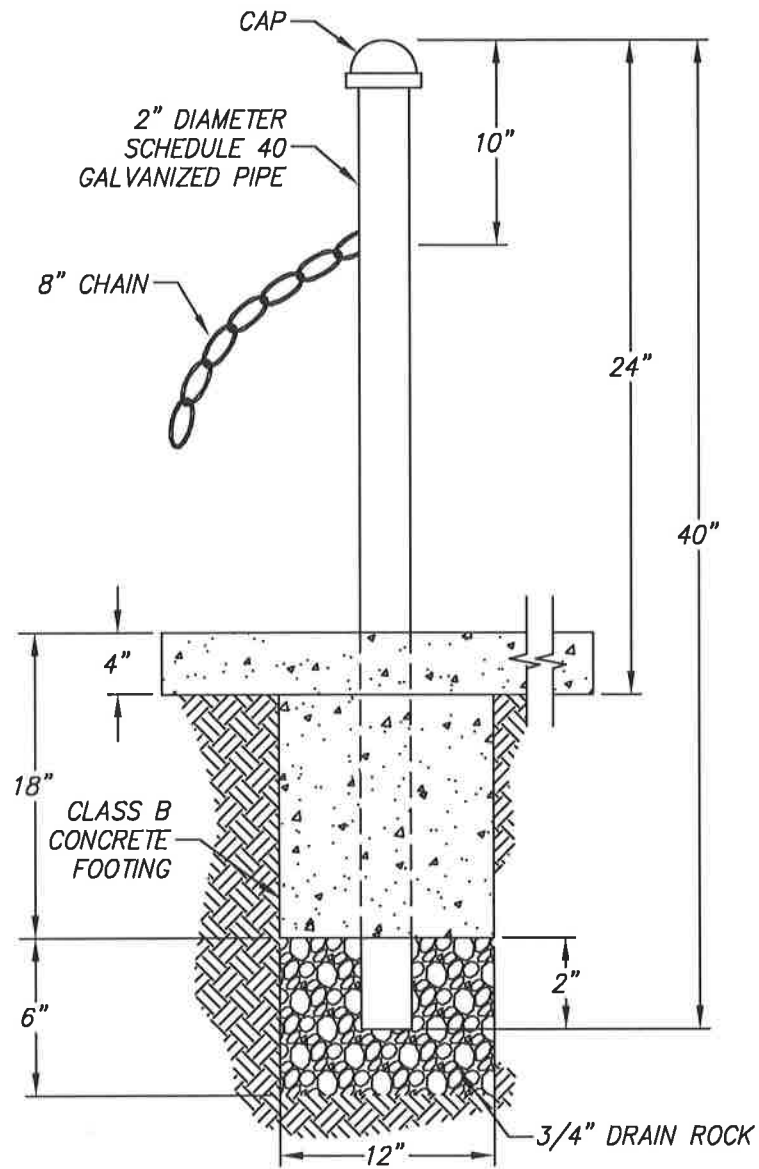
COMPACT SUBGRADE  
TO 95% RELATIVE  
COMPACTION

CITY OF FOLSOM

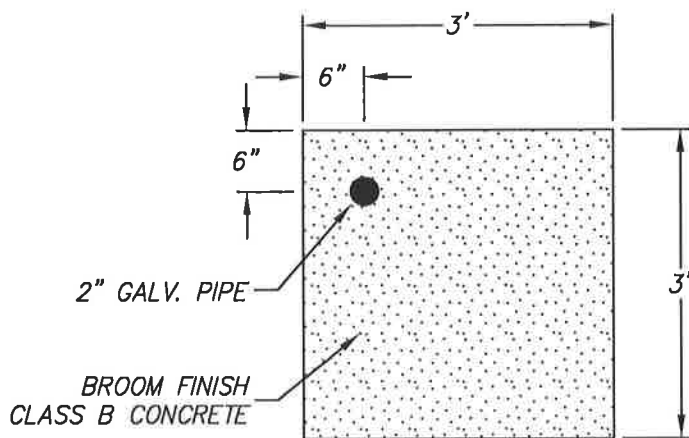
PICNIC TABLE

SCALE: NONE  
DATE: FEBRUARY 2020

LS-35



ELEVATION



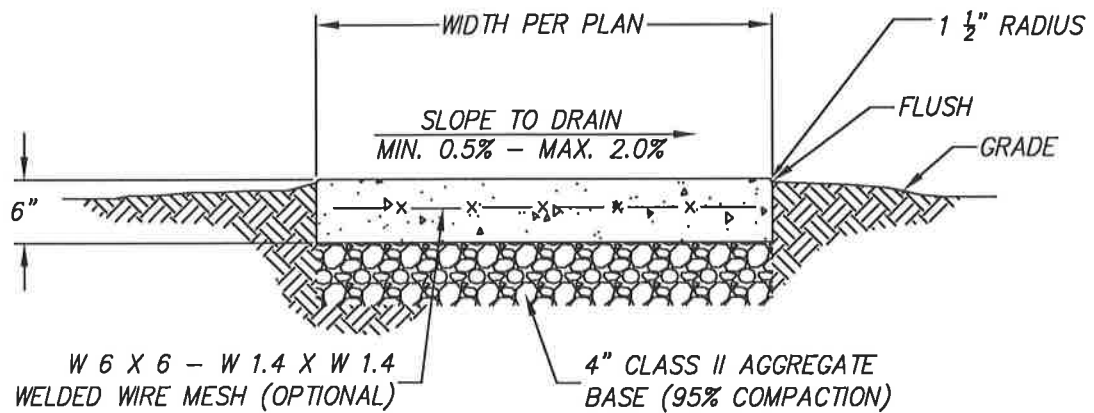
PLAN

CITY OF FOLSOM

TRASH CAN TIE-DOWN

SCALE: NONE  
DATE: FEBRUARY 2020

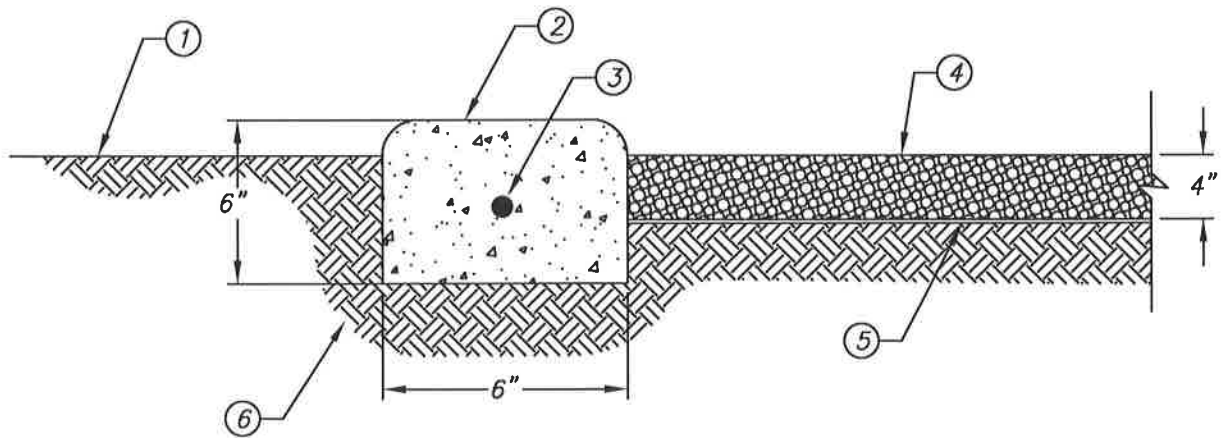
LS-36



**NOTES:**

1. PROVIDE WEAKENED PLANE JOINTS 1" AT AN INTERVAL OF THE WIDTH OF THE WALK. (I.E. 4' WIDE WALK - 4' ON CENTER; 6' WIDE WALK - 6' ON CENTER, ETC.)
2. PROVIDE 1 1/2" DEEP SCORE JOINTS AT 12' ON CENTER AND WHERE PATH JOINS EXISTING CONCRETE.
3. ALL CONCRETE SHALL BE CLASS B.
4. CONCRETE SHALL HAVE A MEDIUM BROOM FINISH UNLESS SPECIFIED OTHERWISE.

CITY OF FOLSOM	
CONCRETE WALK	
SCALE: NONE DATE: FEBRUARY 2020	LS-37

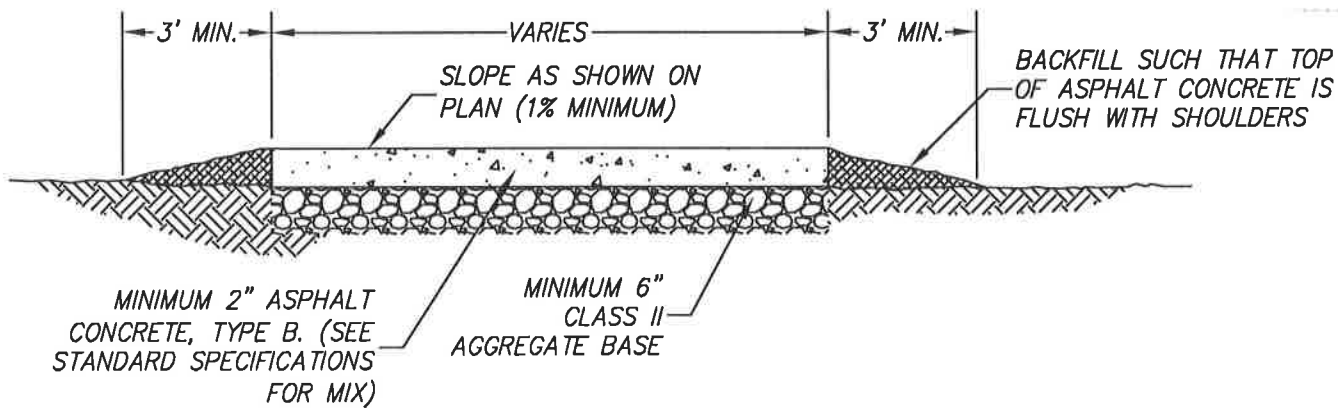


- ① FINISH GRADE SHALL BE 1" BELOW TOP OF HEADER.
- ② CONCRETE HEADER WITH  $\frac{1}{2}$ " RADIUS TOOLED EDGES (1" DEEP TOOLED JOINTS @ 12' ON CENTER)
- ③ #3 ( $\frac{3}{8}$ ") REBAR CONTINUOUS WITH 20" LAP JOINT.
- ④ DECOMPOSED GRANITE 4" DEEP WITH STABILIZER COMPACTED IN 2" LIFTS TO 95%
- ⑤ NONWOVEN FILTER FABRIC.
- ⑥ SUBGRADE SHALL BE COMPACTED TO 95% RELATIVE COMPACTION.

NOTE:

USE OF A HEADERBOARD PER CITY STANDARD DETAIL LS-45 MAY BE USED IN LIEU OF THE 6" X 6" CONCRETE HEADER UPON CITY APPROVAL.

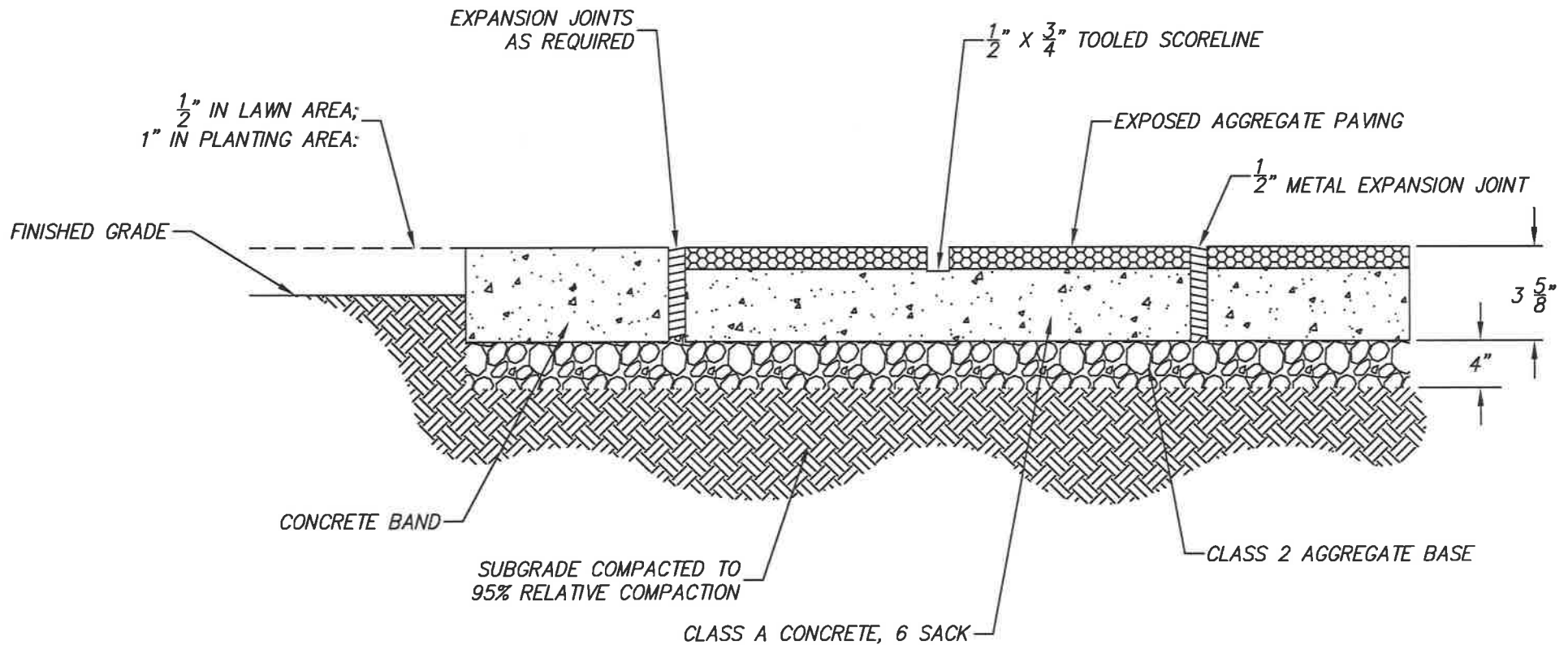
CITY OF FOLSOM	
DECOMPOSED GRANITE PATH	
SCALE: NONE DATE: FEBRUARY 2020	LS-38



**NOTES:**

1. STRUCTURAL SECTIONS MAY INCREASE AS DICTATED BY THE SITE SPECIFIC GEOTECHNICAL REPORT.
2. SEE CONSTRUCTION DOCUMENTS FOR USE OF SOIL STERILANTS.
3. SLOPE OF SHOULDER SHALL NOT EXCEED 5:1.

<b>CITY OF FOLSOM</b>	
<b>BIKE TRAIL SECTION</b>	
<b>SCALE: NONE</b> <b>DATE: FEBRUARY 2020</b>	<b>LS-39</b>



**NOTES:**

1. REFER TO APPROVED IMPROVEMENT PLANS FOR AGGREGATE SPECS.
2. REFER TO LAYOUT AND CONSTRUCTION PLANS AND APPROPRIATE DETAILS FOR LOCATION OF EXPANSION JOINTS AND SCORELINES.

<b>CITY OF FOLSOM</b>	
EXPOSED AGGREGATE PAVING	
SCALE: NONE DATE: FEBRUARY 2020	LS-40



<b>TYPE 1 AVAILABLE INSERTS FOR COLLAPSIBLE BOLLARDS</b>	
PART NO.:	DESCRIPTION:
P-145	ALUMINUM INSERT (STANDARD)
P-150	HEAVY DUTY ALUMINUM INSERT
P-151	STEEL INSERT

DESCRIPTION: BLUE EMBER COLLAPSIBLE BOLLARD WITH PADLOCK

MODEL: MAXIFORCE MC-SP-SS1-U, STANDARD PADLOCK, STYLE 1 HEAD, UNIVERSAL BASE OR APPROVED EQUAL

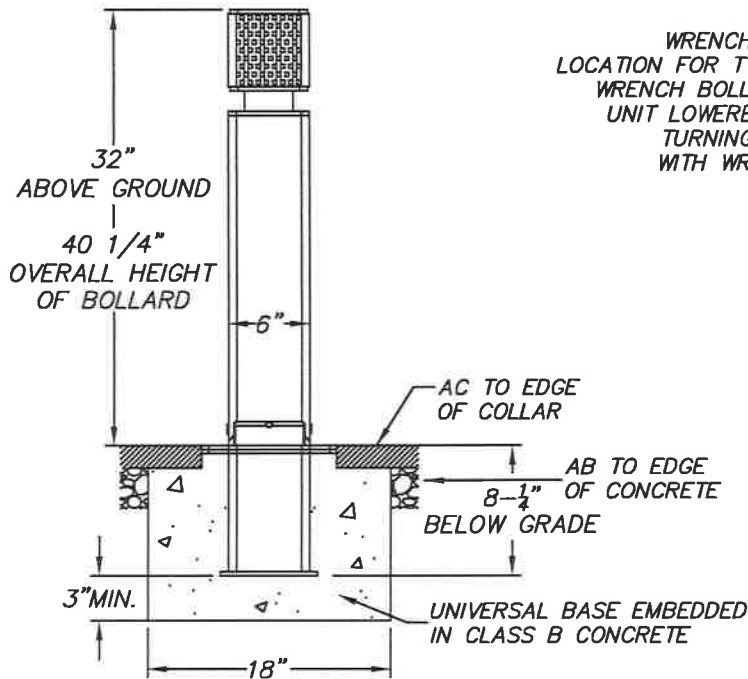
OR APPROVED EQUAL

<b>TYPE 2 AVAILABLE NUTS FOR WRENCH BOLLARDS</b>	
PART NO.:	DESCRIPTION:
P-180	5-SIDED AWWA5 HYDRANT NUT 3/8" (STANDARD)

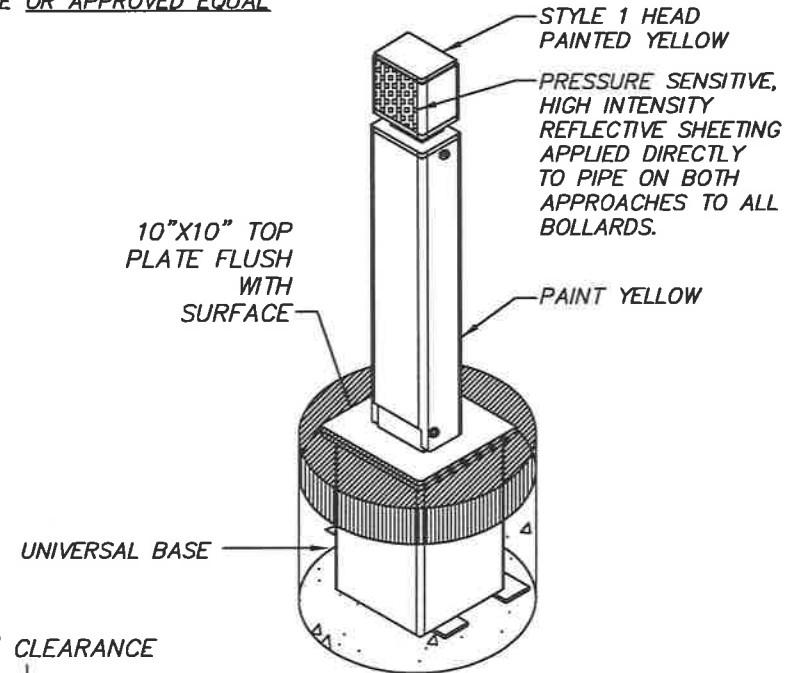
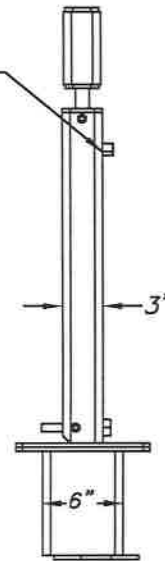
DESCRIPTION: BLUE EMBER COLLAPSIBLE BOLLARD

MODEL: MAXIFORCE MC-SW-SS1-U, STANDARD WRENCH, STYLE 1 HEAD, UNIVERSAL BASE OR APPROVED EQUAL

OR APPROVED EQUAL



WRENCH NUT LOCATION FOR TYPE 2 WRENCH BOLLARDS. UNIT LOWERED BY TURNING NUT WITH WRENCH.



**NOTES:**

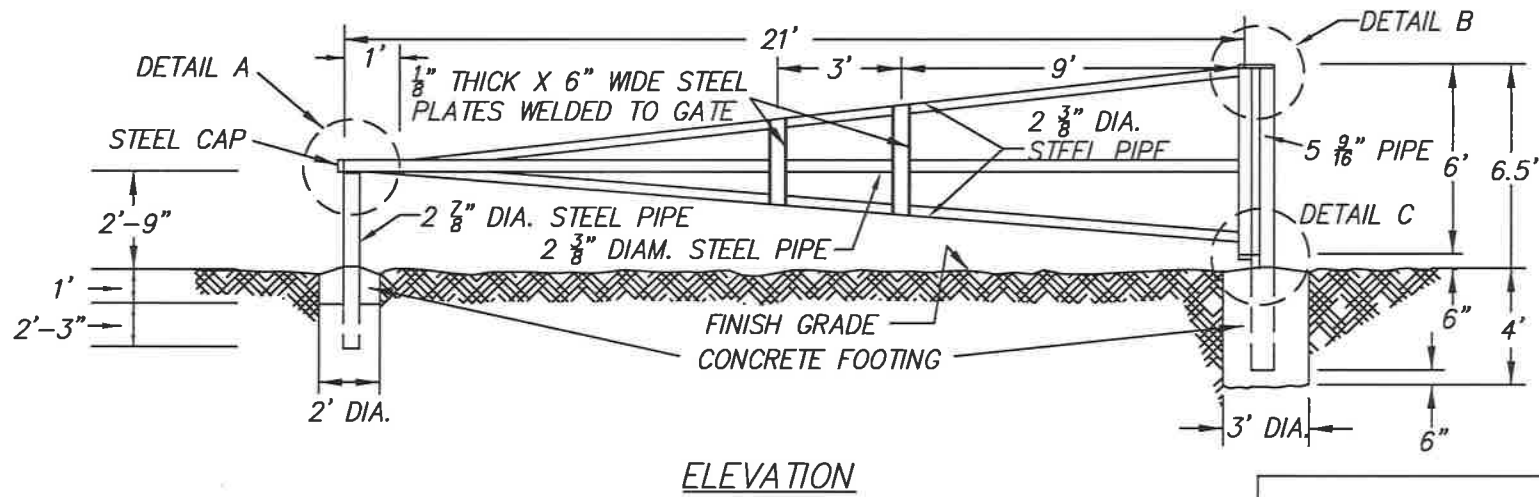
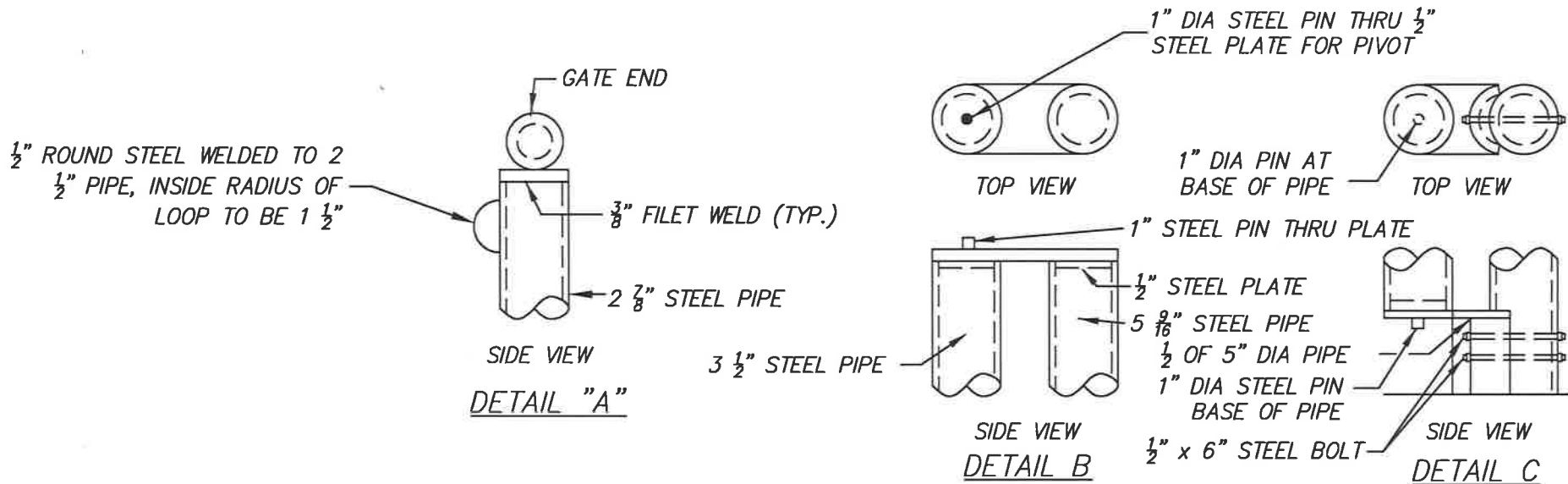
1. TYPE 2 P-180 IS THE PREFERRED TYPE FOR PARKS & RECREATION PROJECTS.
2. BOLLARDS SHALL BE SPACED AT THREE FEET ON CENTER ACROSS PATHWAY.
3. ALL PARTS SHALL BE PAINTED WITH TWO A COAT OF ZINC CHROMATE PRIMER AND TWO COATS OF EXTERIOR ENAMEL. COLOR: YELLOW.
4. BOLLARDS SHALL LAY FLAT WHEN FOLDED.

CITY OF FOLSOM

REMOVABLE  
PIPE BOLLARD

SCALE: NONE  
DATE: FEBRUARY 2020

LS-41



**NOTES:**

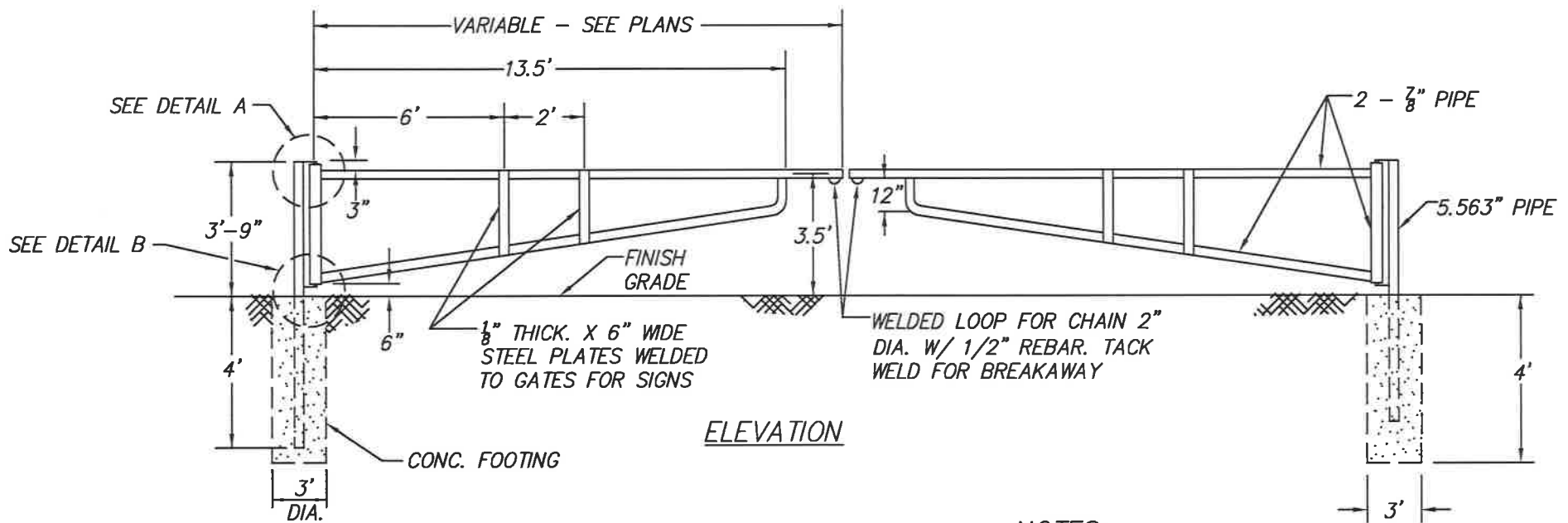
1. JOINTS SHALL BE WELDED.
2. PROVIDE 2 - 2 7/8" DIA. STEEL POSTS FOR FOR LOCKING GATE IN OPEN & CLOSED POSITION.
3. PAINT WITH TWO COATS PRIMER & TWO COATS YELLOW ENAMEL.
4. ALL PIPES SPECIFIED ARE OUTSIDE DIAMETER.

CITY OF FOLSOM

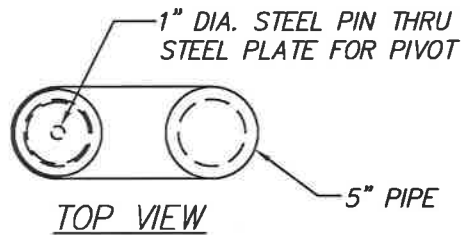
PIPE GATE  
(SINGLE GATE)

SCALE: NONE  
DATE: FEBRUARY 2020

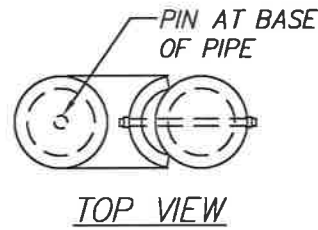
LS-42



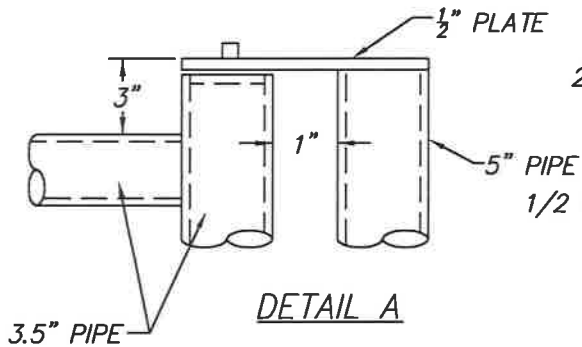
ELEVATION



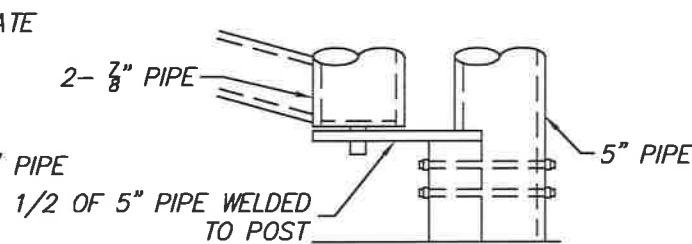
TOP VIEW



TOP VIEW



DETAIL A



DETAIL B

NOTES:

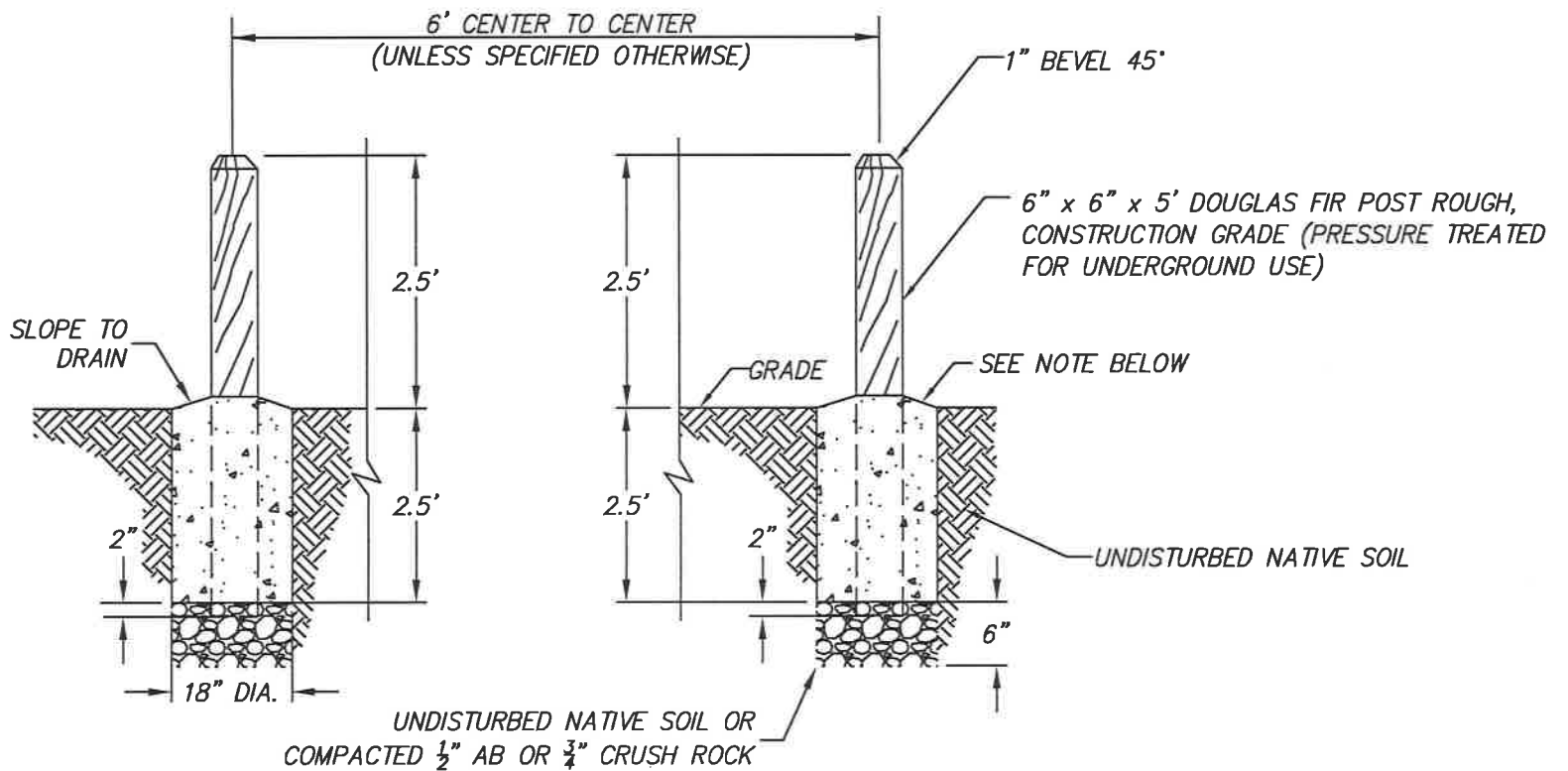
1. ALL PIPES SPECIFIED ARE OUTSIDE DIAMETER, AND SHALL BE BLACK STEEL PIPE.
2. JOINTS SHALL BE WELDED.
3. ALL STEEL TO BE PAINTED WITH 2 COATS OF PRIMER AND 2 COATS INSIGNIA YELLOW.
4. PROVIDE 2 - 2" X 5.563" O.D. PIPE AND INSTALL WITH CONC. FOOTING (12" X 24" D.) FOR TIE-DOWN WHEN GATE IS OPENED.

**CITY OF FOLSOM**

PIPE GATE  
(DOUBLE GATE)

SCALE: NONE  
DATE: FEBRUARY 2020

LS-43



**NOTE:**

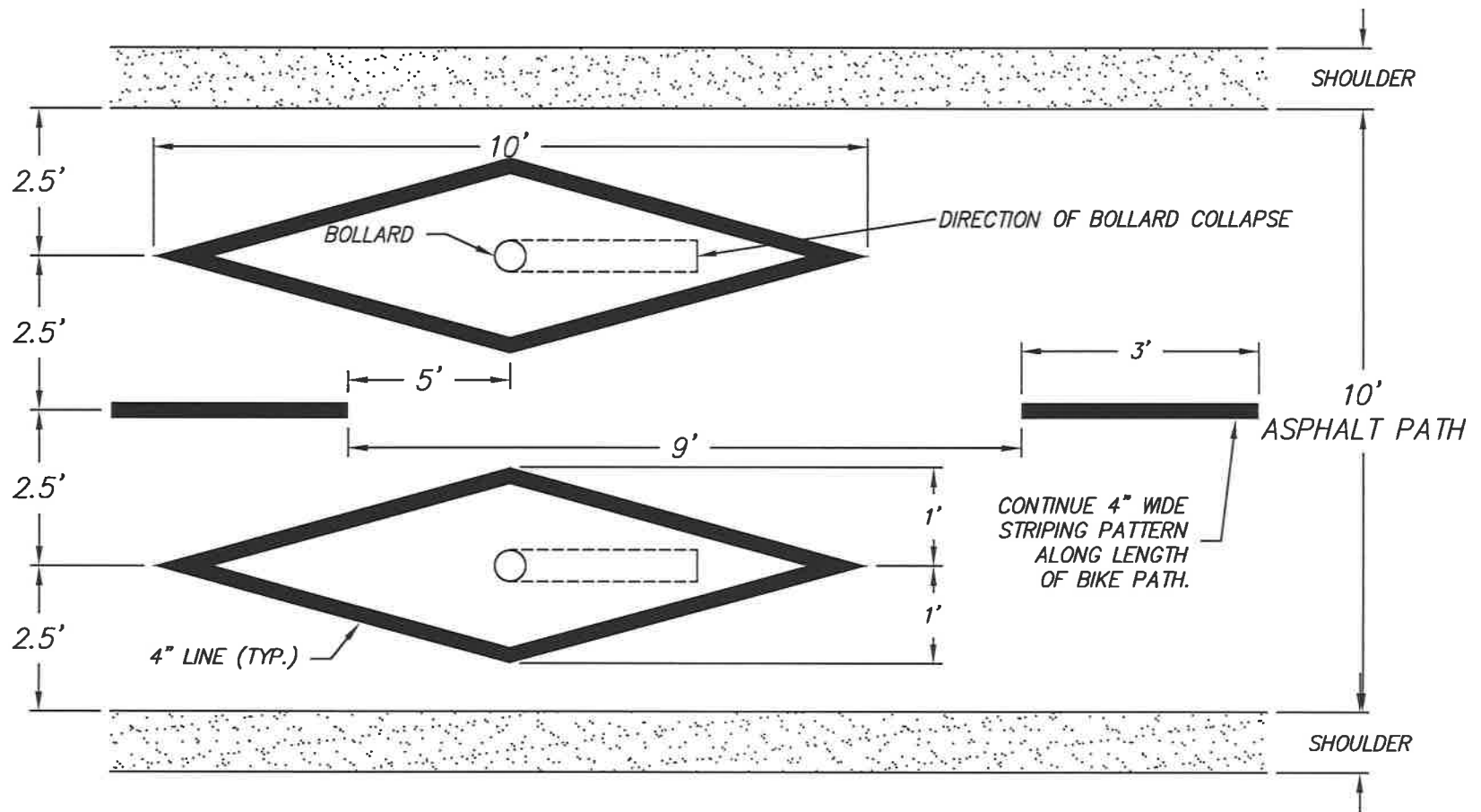
1. PROVIDE CONCRETE FOOTINGS AT ALL POSTS, CLASS B.

CITY OF FOLSOM

LINE POST

SCALE: NONE  
DATE: FEBRUARY 2020

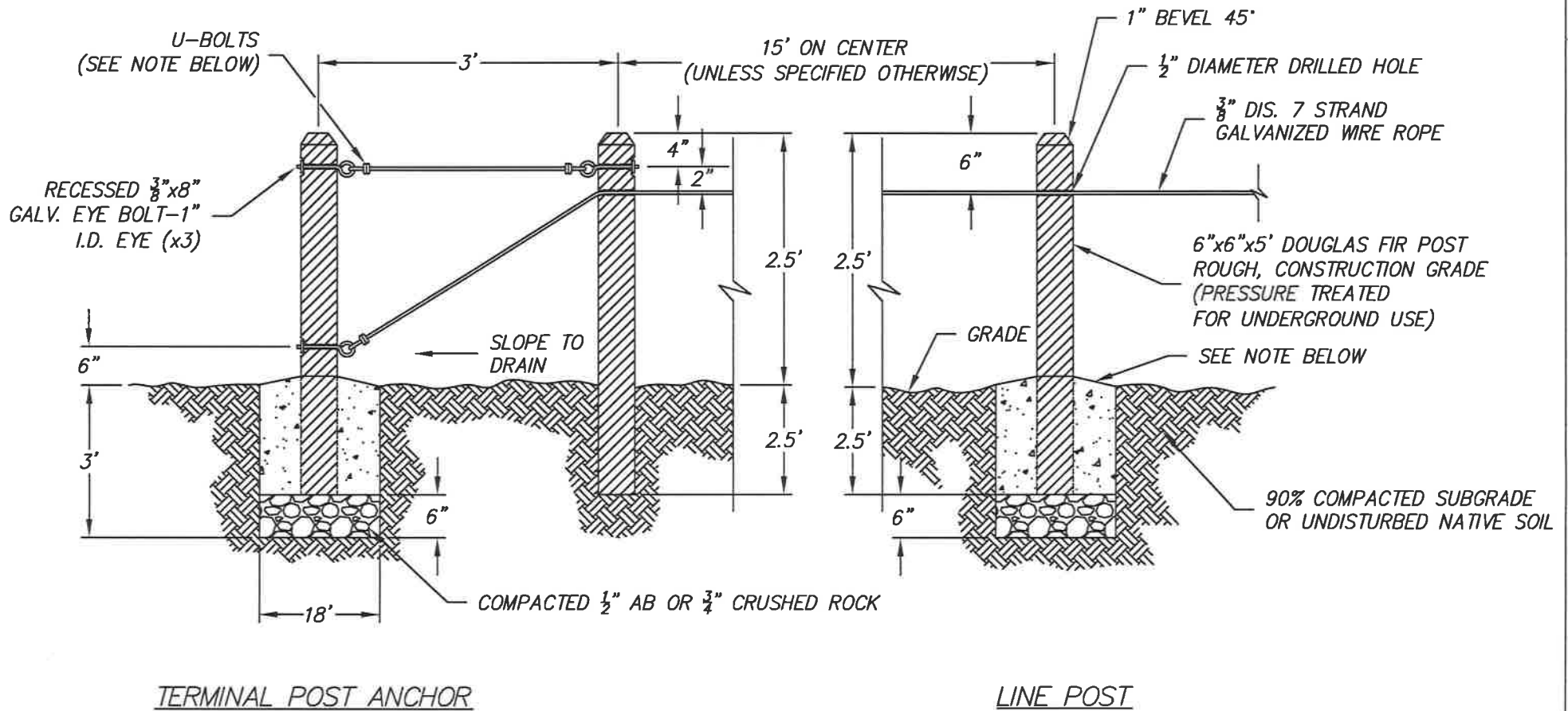
LS-44



**NOTES:**

1. STRIPING SHALL CONFORM WITH CALTRANS STANDARD PLANS
2. STRIPING TO BE YELLOW.

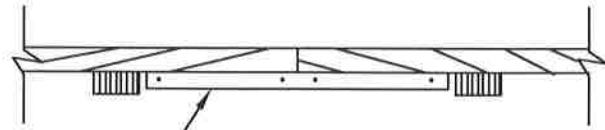
<b>CITY OF FOLSOM</b>	
<b>BIKE PATH STRIPING &amp; BOLLARD PLACEMENT</b>	
SCALE: NONE DATE: FEBRUARY 2020	LS-45



**NOTES:**

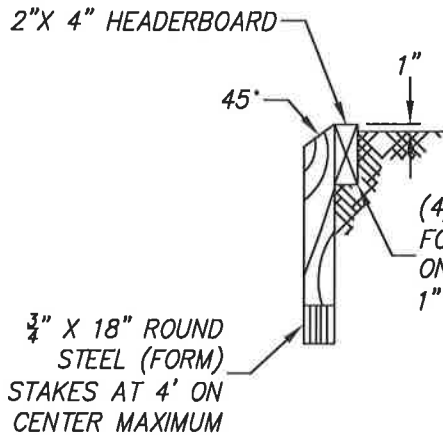
1. PROVIDE CONCRETE FOOTINGS AT ALL END POSTS, AT ALL BENDS AND AS SPECIFIED ON APPROVED PLANS.
2. USE 3/8" x 2" GALVANIZED U-BOLTS FOR GALVANIZED CONNECTION AND SPLICES. ALL CLIPS SHALL BE PLACED WITH NUTS FACING DOWNWARD.

<b>CITY OF FOLSOM</b>	
<b>POST AND CABLE</b>	
SCALE: NONE DATE: FEBRUARY 2020	LS-46



1" X 4" X 2' LENGTH COMPOSITE SPLICE  
PLACE 1" BELOW TOP OF HEADERBOARD

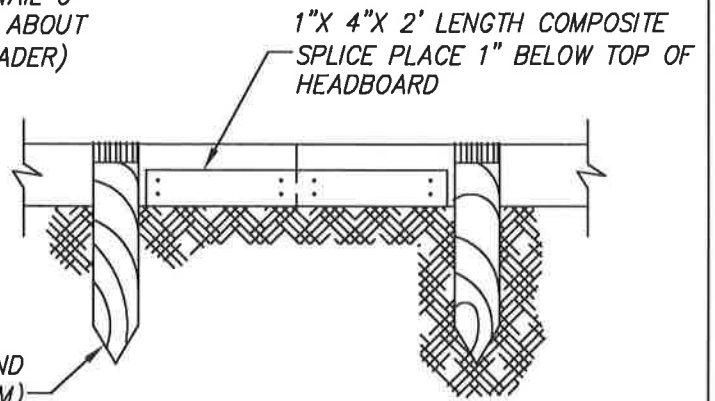
TOP VIEW



2" X 4" HEADERBOARD  
45°  
1"  
3/4" X 18" ROUND STEEL (FORM) STAKES AT 4' ON CENTER MAXIMUM

SECTION

(4)-1/2 X 4 AS REQUIRED FOR TIGHT CURVES (NAIL 6" ON CENTER MAXIMUM ABOUT 1" BELOW TOP OF HEADER)



3/4" X 18" ROUND STEEL (FORM) STAKES

SPLICE DETAIL

NOTES:

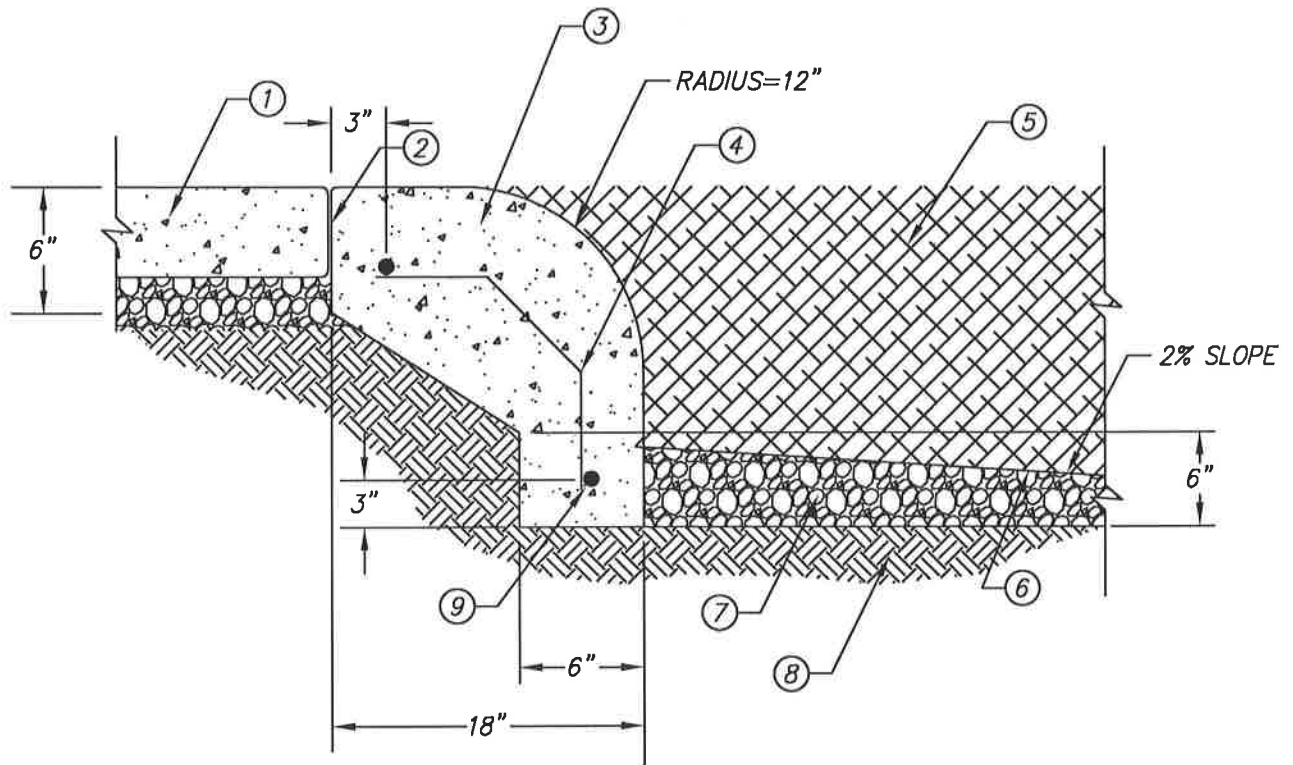
1. USE 2 - 1" X 4" COMPOSITE ON ALL CURVES (WHERE NECESSARY).
2. INSTALL ALL STAKES AND SPLICES ON PLANTING SIDE OF HEADER BOARD.
3. ALL NAILS OR SCREWS SHALL BE GALVANIZED.

CITY OF FOLSOM

HEADERBOARD

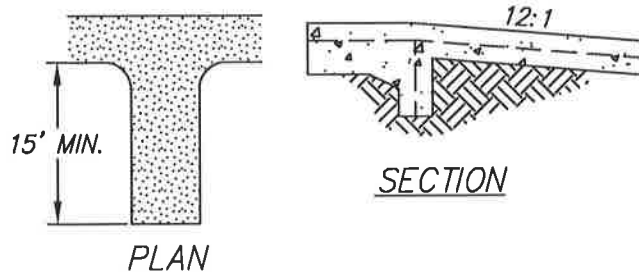
SCALE: NONE  
DATE: FEBRUARY 2020

LS-47



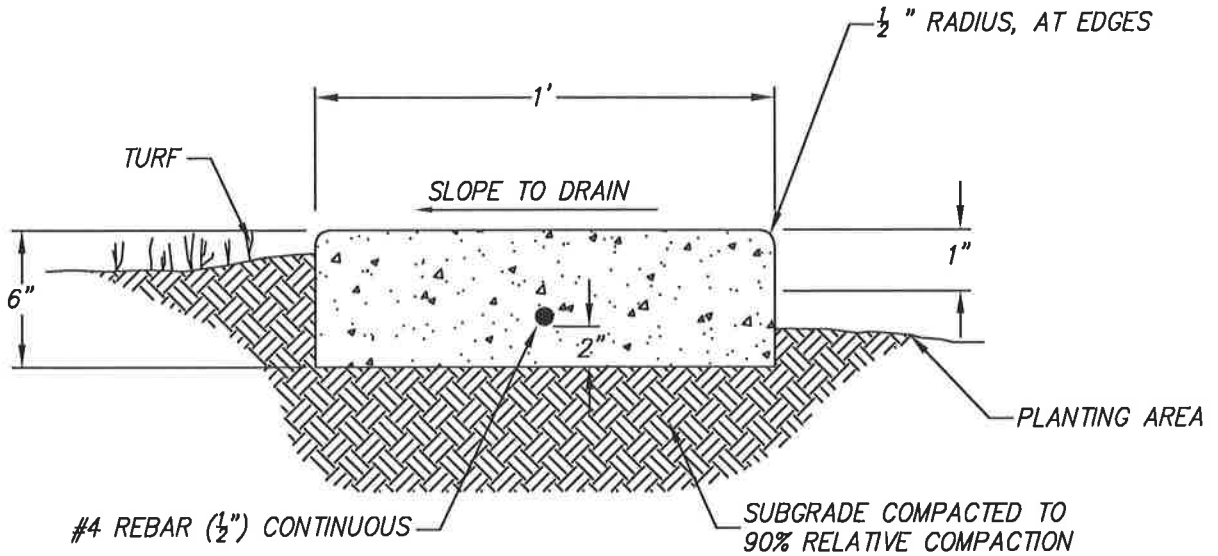
- ① CONCRETE WALK OR SLAB. WHEN ADJACENT TO PLANTING AREA/TURF FINISH GRADE SHOULD BE 1" BELOW TOP OF HEADER.
- ② COLD JOINT.
- ③ CONCRETE SHALL HAVE A 2,500 PSI STRENGTH RATING. 1 1/2" DEEP TOOLED JOINTS ON 6' INTERVALS. ALIGN WITH ADJACENT SIDEWALK/PAVING JOINTS WHERE POSSIBLE.
- ④ #4 REBAR AT 24" ON CENTER.
- ⑤ 12" MINIMUM DEEP PLAY SURFACE.
- ⑥ NONWOVEN FILTER FABRIC (SPECIFICATIONS SHALL MEET AASHTO M288-06 NONWOVEN GEOTEXTILES, CLASS 3), OVERLAP JOINTS 12".
- ⑦ 3" GRAVEL BASE.
- ⑧ COMPACT SUBGRADE TO 90% RELATIVE COMPACTION.
- ⑨ #4 REBAR CONTINUOUS.

RAMP ACCESS



CITY OF FOLSOM	
PLAY AREA CONTAINMENT CURB	
SCALE: NONE DATE: FEBRUARY 2020	LS-48





NOTES:

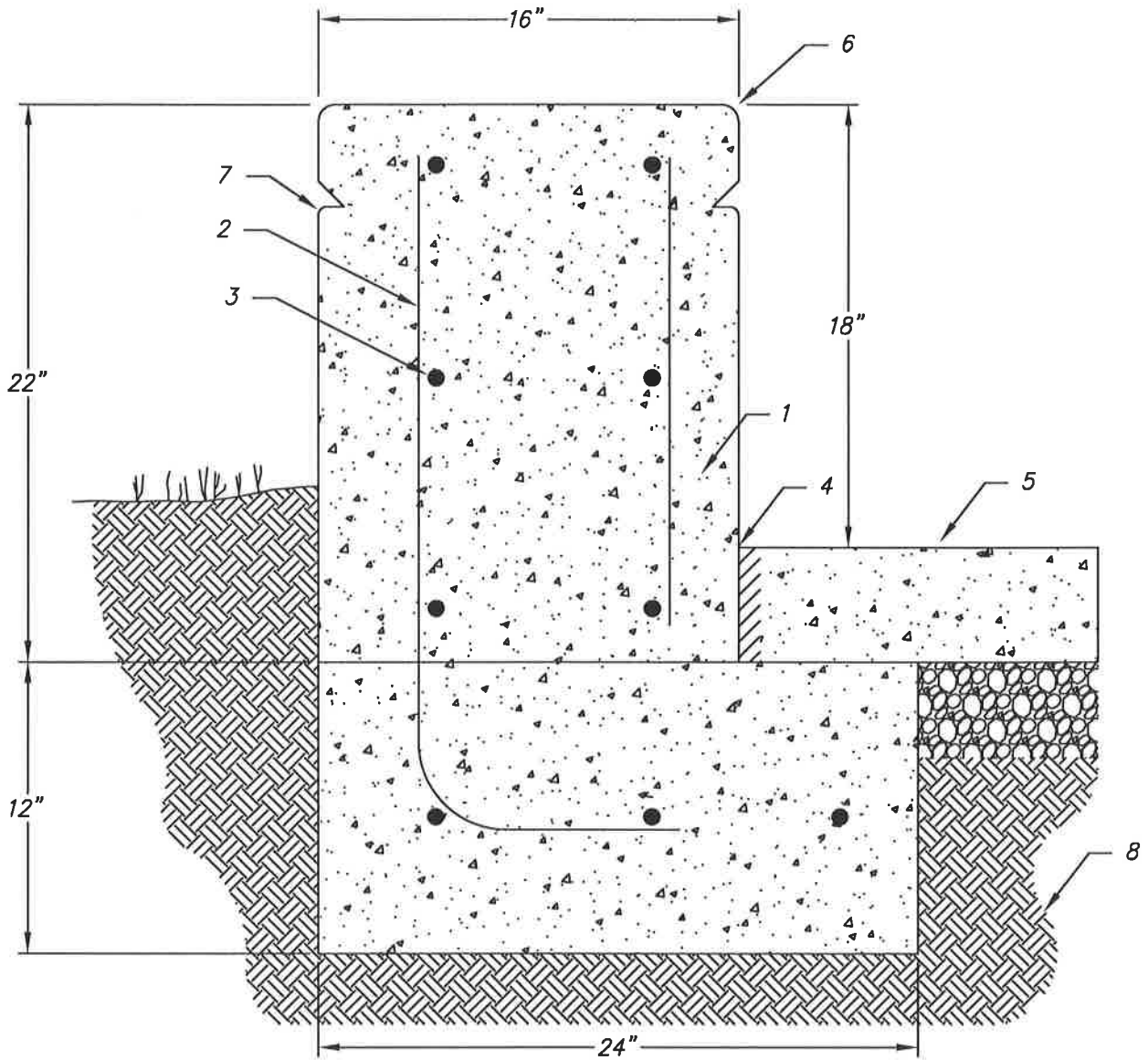
1. PROVIDE 1  $\frac{1}{2}$ " EXPANSION JOINTS  $\frac{1}{3}$ " FULL DEPTH WITH FILLER AT 10' INTERVALS AND WHERE WALK JOINS ANOTHER.
2. USE CLASS B CONCRETE.
3. CONCRETE SHALL HAVE A MEDIUM BROOM FINISH UNLESS OTHERWISE SPECIFIED.
4. HEIGHT ON TURF AREAS SHALL BE 1" TO FINISH GRADE.
5. HEIGHT ON MULCH AREAS SHALL BE 4" TO FINISH GRADE.

CITY OF FOLSOM

CONCRETE MOW STRIP

SCALE: NONE  
DATE: FEBRUARY 2020

LS-49



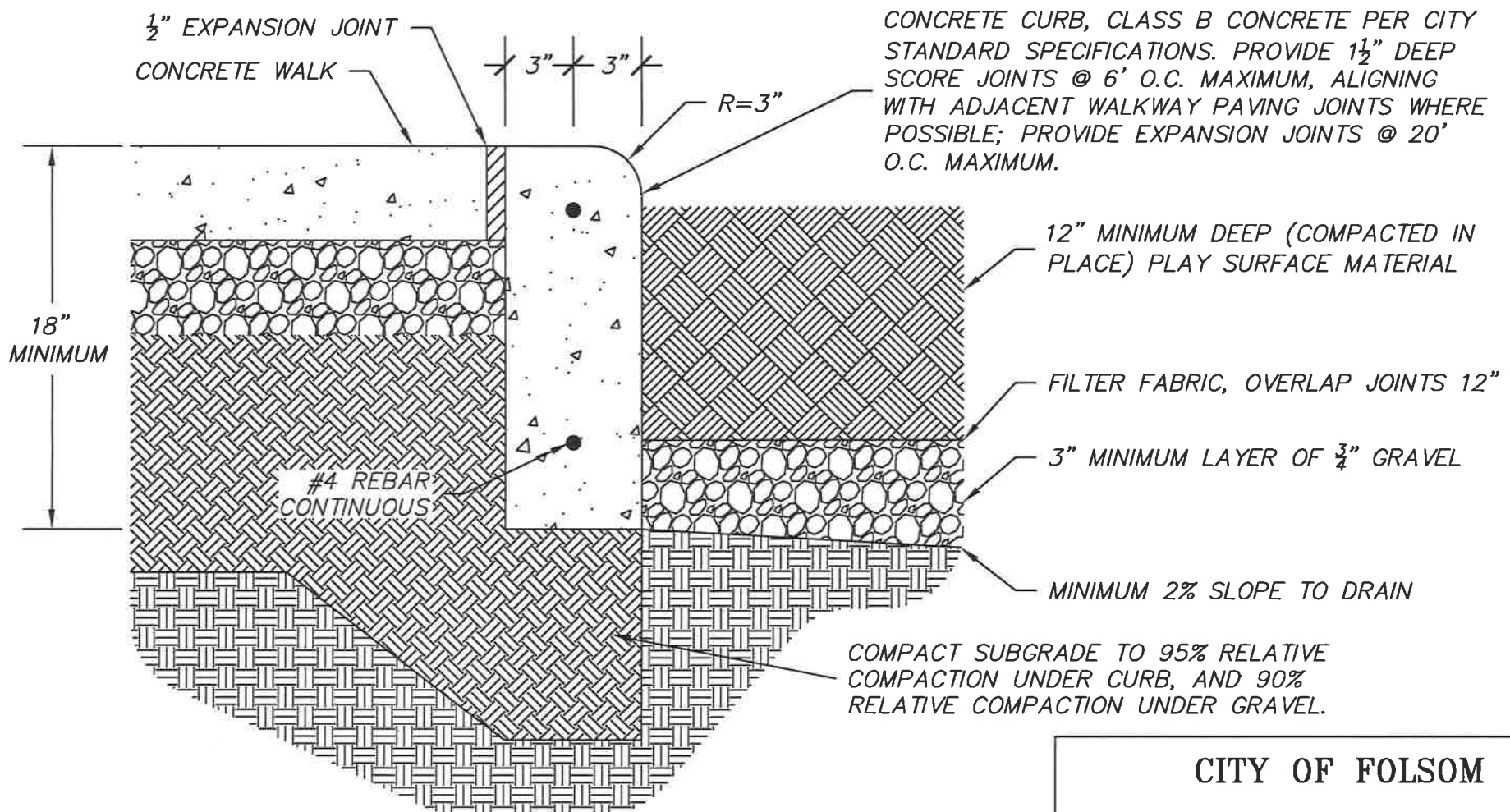
**LEGEND:**

1. CLASS B CONCRETE PER CITY OF FOLSOM STANDARD CONSTRUCTION SPECIFICATIONS. COLOR & FINISH PER CONSTRUCTION SITE NOTES.
2. #4 REBAR @ 12" O.C.
3. #4 REBAR @ 12" O.C. CONTINUOUS
4. POLYURETHANE JOINT SEALANT (REFER TO SPECIFICATIONS); COLOR TO MATCH ADJACENT PAVING.
5. CONCRETE WALK
6. 1/2" CHAMFERED EDGE
7. EASE EDGES
8. COMPACTED SUBGRADE TO 95% RELATIVE COMPACTION.

**NOTES:**

1. DRY SACK ALL EXPOSED SURFACES OF PILASTER TO FILL GAPS & ERASE LINES FROM FORMS.
2. INSTALL SKATE STOPS AT 24" O.C.

<b>CITY OF FOLSOM</b>	
CONCRETE SEAT WALL	
SCALE: NONE DATE: FEBRUARY 2020	LS-50



CONCRETE CURB, CLASS B CONCRETE PER CITY STANDARD SPECIFICATIONS. PROVIDE 1 1/2" DEEP SCORE JOINTS @ 6' O.C. MAXIMUM, ALIGNING WITH ADJACENT WALKWAY PAVING JOINTS WHERE POSSIBLE; PROVIDE EXPANSION JOINTS @ 20' O.C. MAXIMUM.

12" MINIMUM DEEP (COMPACTED IN PLACE) PLAY SURFACE MATERIAL

FILTER FABRIC, OVERLAP JOINTS 12"

3" MINIMUM LAYER OF 3/4" GRAVEL

MINIMUM 2% SLOPE TO DRAIN

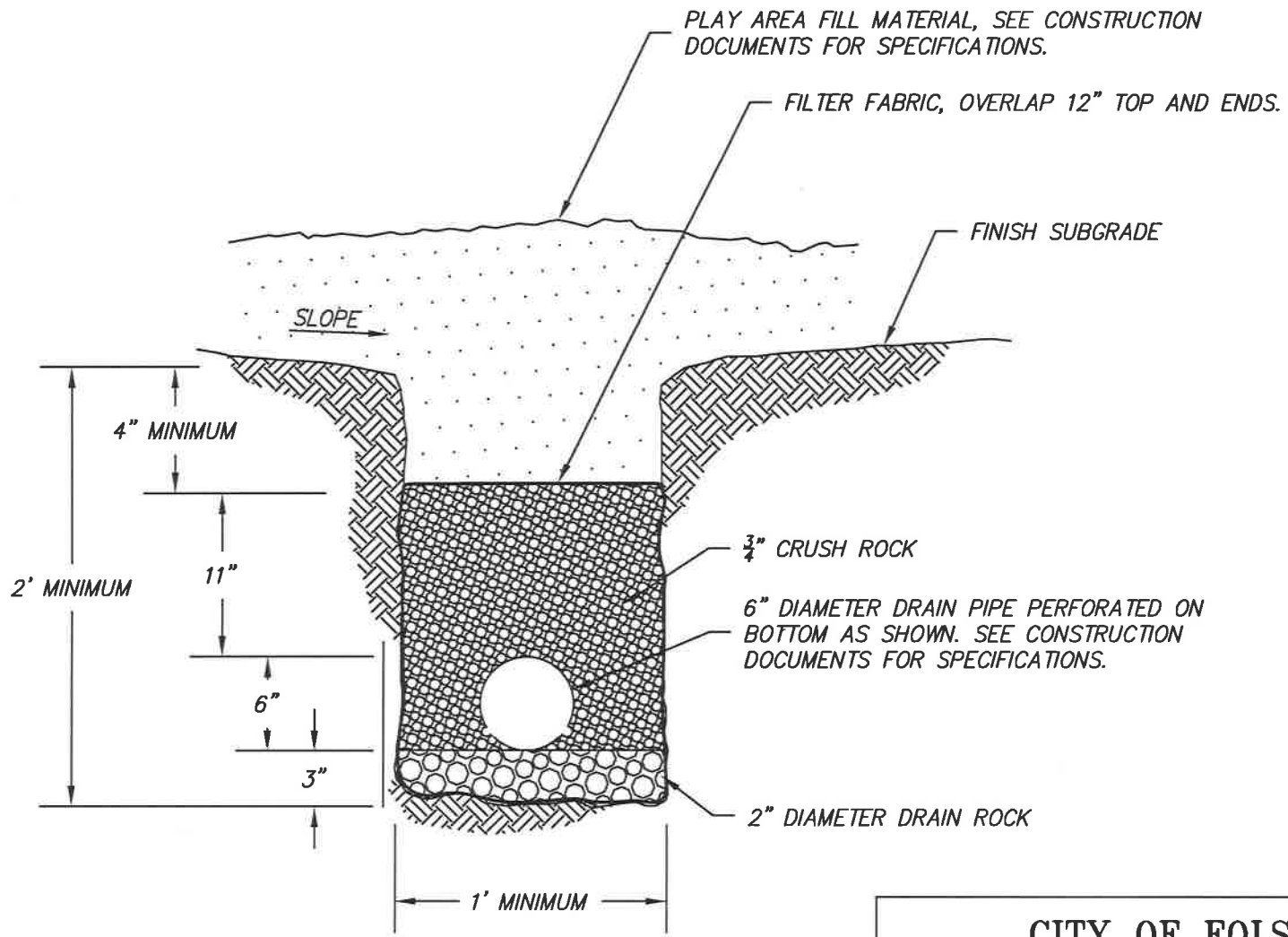
COMPACT SUBGRADE TO 95% RELATIVE COMPACTION UNDER CURB, AND 90% RELATIVE COMPACTION UNDER GRAVEL.

CITY OF FOLSOM

PLAY AREA CURB

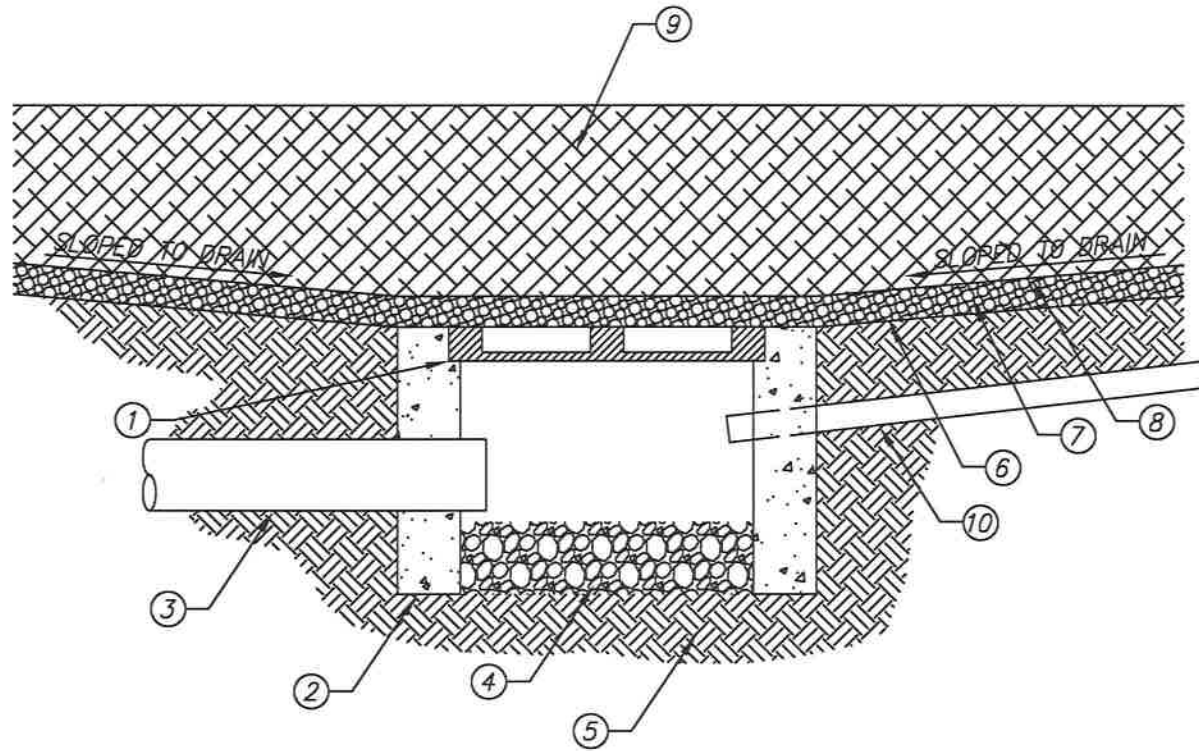
SCALE: NONE  
DATE: FEBRUARY 2020

LS-51



**NOTE:**  
TAMP ROCK AT 6" LAYER INTERVALS.

CITY OF FOLSOM	
PLAYGROUND SUBDRAIN	
SCALE: NONE DATE: FEBRUARY 2020	LS-52



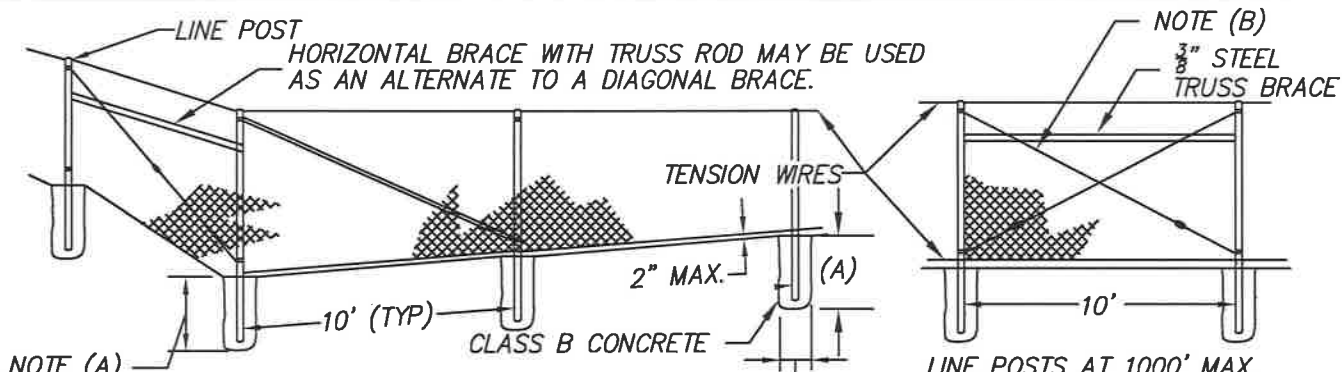
- ① "CHRISTY" V64-TIC165 GRATE OR APPROVED EQUAL. WRAP GRATE IN FILTER FABRIC.
- ② "CHRISTY" V64 DRAIN BOX OR APPROVED EQUAL - 24" x 24".
- ③ 6" PVC DRAIN PIPE.
- ④ 2" DRAIN ROCK ± 6" MINIMUM DEPTH.
- ⑤ 95% COMPACTED SUBGRADE.
- ⑥ FINISH GRADE.
- ⑦ 2" CRUSH ROCK - 3" DEEP.
- ⑧ FILTER FABRIC - MINIMUM 12" OVERLAP.
- ⑨ 12" MINIMUM DEPTH PLAY SURFACE - SEE SPECIAL PROVISIONS.
- ⑩ 1 1/2" DIAMETER SCHEDULE 40 PVC DRAIN LINE FROM DRINKING FOUNTAIN (WHERE APPLICABLE).

CITY OF FOLSOM

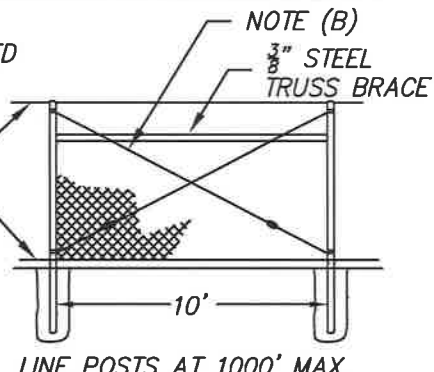
PLAYGROUND UNDERDRAIN

SCALE: NONE  
DATE: FEBRUARY 2020

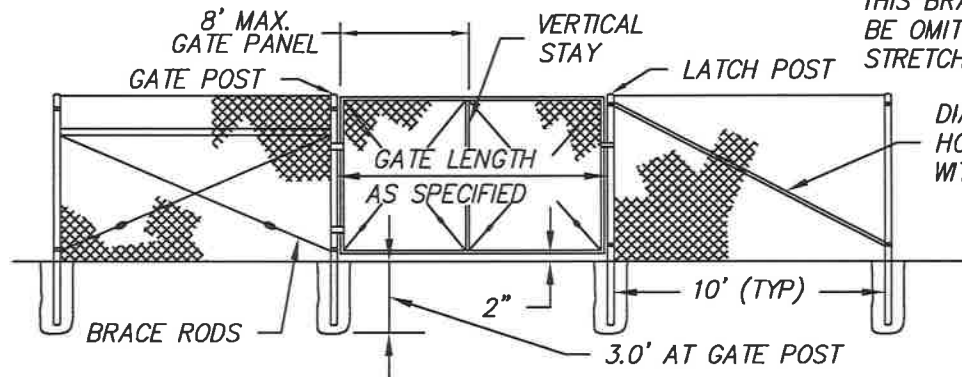
LS-53



NOTE (A) NOT LESS THAN 3 TIMES MAX. CROSS SECTION OF POST WITH MIN. OF 8"



LINE POSTS AT 1000' MAX. INTERVALS BRACED AND TRUSSED IN BOTH DIRECTIONS EXCEPT THAT THIS BRACING AND TRUSSING MAY BE OMITTED WHEN THE FABRIC IS STRETCHED BY EQUIPMENT.



TYPE CL-4=48" FABRIC (11 GAUGE), TYPE CL-6=72" FABRIC (9 GAUGE)

GATE POST			
FENCE HEIGHT	GATE WIDTHS	NOMINAL I.D.	WEIGHT /FOOT
6' AND LESS	UP THRU 6'	2 1/2"	4.95
	OVER 6' THRU 12'	4"	10.79
	OVER 12' THRU 18'	5"	14.62
	OVER 18' TO 24' MAX.	6"	18.97
OVER 6'	UP THRU 6'	3"	7.58
	OVER 6' THRU 12'	5"	14.62
	OVER 12' THRU 18'	6"	18.97
	OVER 18' TO 24' MAX.	8"	28.55

NOTE: ABOVE POST DIMENSIONS AND WEIGHTS ARE MINIMUMS LARGER SIZES MAY BE USED ON APPROVAL OF ENGINEER.

NOTES:  
 (A) 2.5" FOR FABRIC LESS THAN 5' HIGH, 3.0" FOR FABRIC 5' AND OVER.  
 (B) DIAGONAL BRACE TO BE REMOVED AFTER ALL OTHER FENCE CONSTRUCTION IS COMPLETED UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

TYPICAL MEMBER DIMENSIONS

FENCE HEIGHT	LINE POSTS			END, LATCH & CORNER POSTS			BRACES					
	ROUND (I.D.)	H	ROLL FORMED	ROUND (I.D.)	ROLL FORMED		ROUND (I.D.)	H	ROLL FORMED			
					□	□			□	□	□	
LESS THEN 6'	1 1/2"	1 7/8" X 1 5/8"	1 3/4" X 1 3/4"	2"	3 1/2" X 3 1/2"	2" X 1 3/4"	1 1/4"	1 1/2" X 1 5/16"	1 5/8" X 1 1/4"	1 3/4" X 1 1/4"	1 3/4" X 1 1/4"	
OVER 6'	2"	2 1/4" X 2"	2" X 1 3/4"	2" X 2 1/2"	3 1/2" X 3 1/2"	2" X 1 3/4"	1 1/4"	1 1/2" X 1 5/16"	1 5/8" X 1 1/4"	1 3/4" X 1 1/4"		

- NOTES:
1. THE ABOVE TABLE SHOWS EXAMPLES OF POST AND BRACE SECTIONS WHICH MAY COMPLY WITH THE SPECIFICATIONS.
  2. SECTIONS SHOWN IN THE TABLES MUST ALSO COMPLY WITH THE STRENGTH REQUIREMENTS AND OTHER PROVISIONS OF THE SPECIFICATIONS SS-102.
  3. OTHER SECTIONS WHICH COMPLY WITH THE STRENGTH REQUIREMENTS AND OTHER PROVISIONS OF THE SPECIFICATIONS MAY BE USED ON APPROVAL OF THE CITY ENGINEER.
  4. OPTIONS EXERCISED SHALL BE UNIFORM ON ANY ONE PROJECT.
  5. DIMENSIONS SHOWN ARE NOMINAL.
  6. UNLESS OTHERWISE SPECIFIED, CHAINLINK FENCE FABRIC SHALL BE 9 GAUGE OUTSIDE DIAMETER.

CITY OF FOLSOM

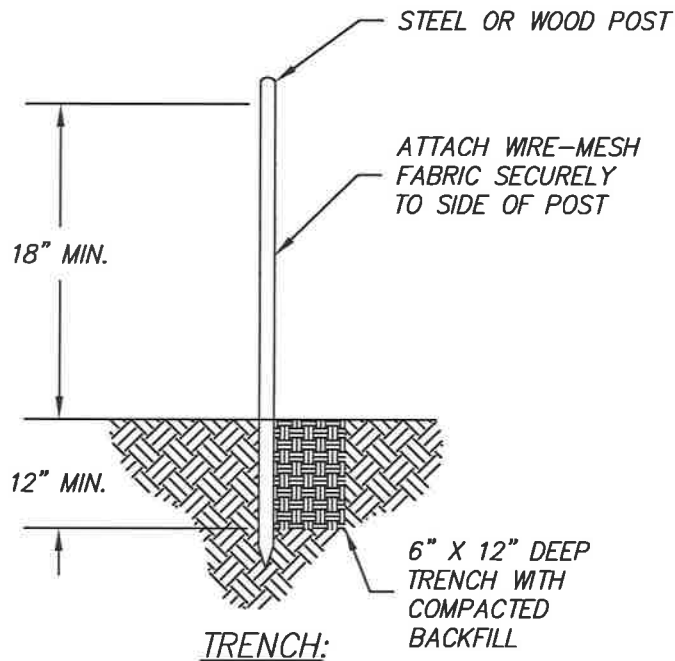
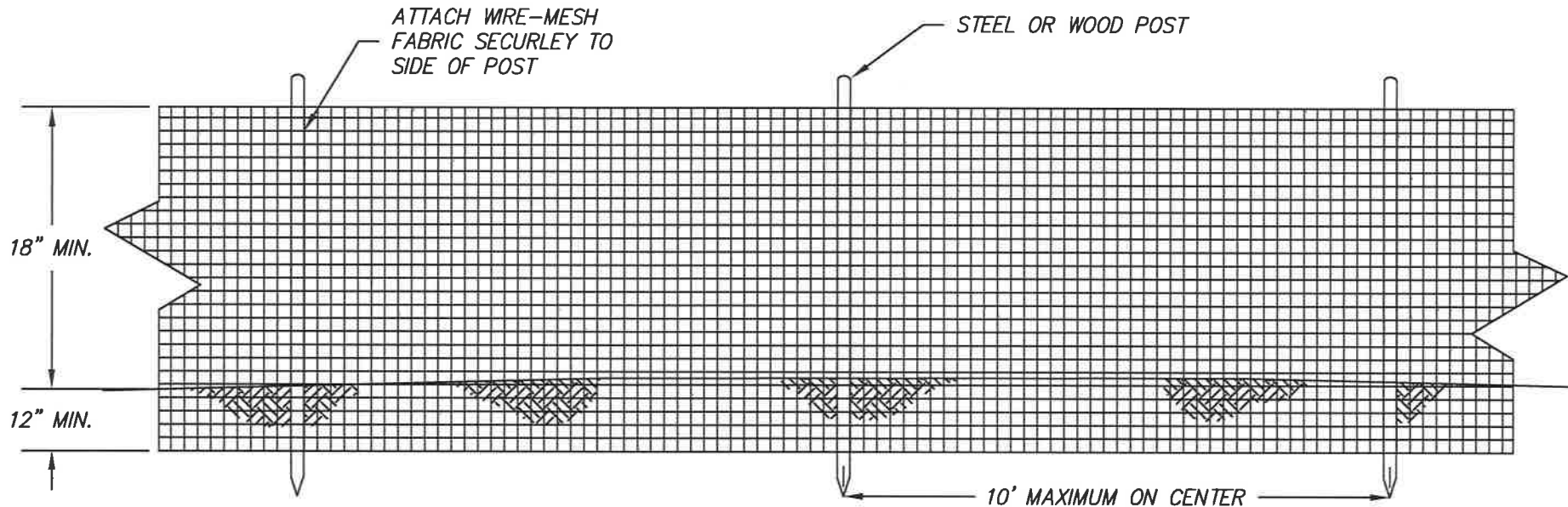
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CHAIN LINK FENCE

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SCALE: NONE  
 DATE: FEBRUARY 2020

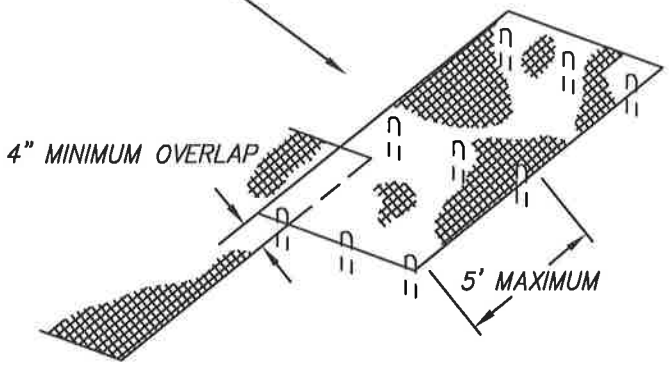
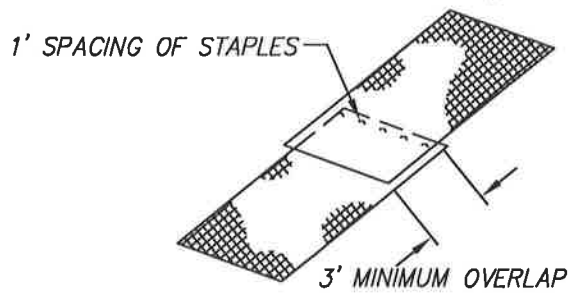
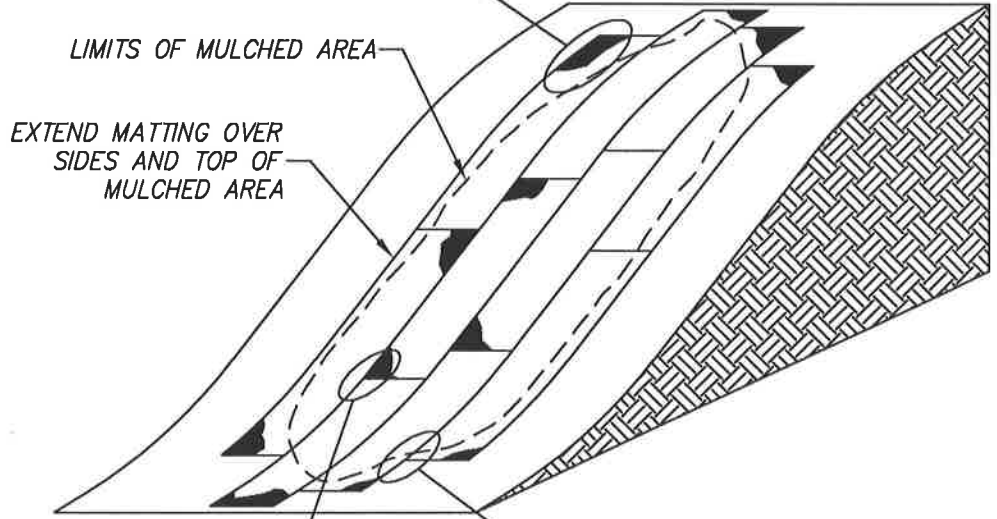
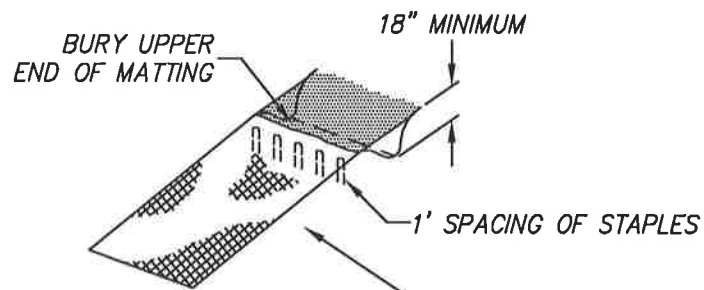
LS-54



**NOTES:**

1. THE BARRIER SHALL CONSIST OF WIRE-MESH FABRIC WITH OPENING NOT EXCEEDING  $\frac{1}{2}$ ".
2. THE BARRIER SHALL BE INSTALLED PRIOR TO ANY CONSTRUCTION DISTURBANCE.
3. THE BARRIER SHALL BE INSTALLED ADJACENT TO DEVELOPED AREAS AS SHOWN ON THE GRADING PLANS.

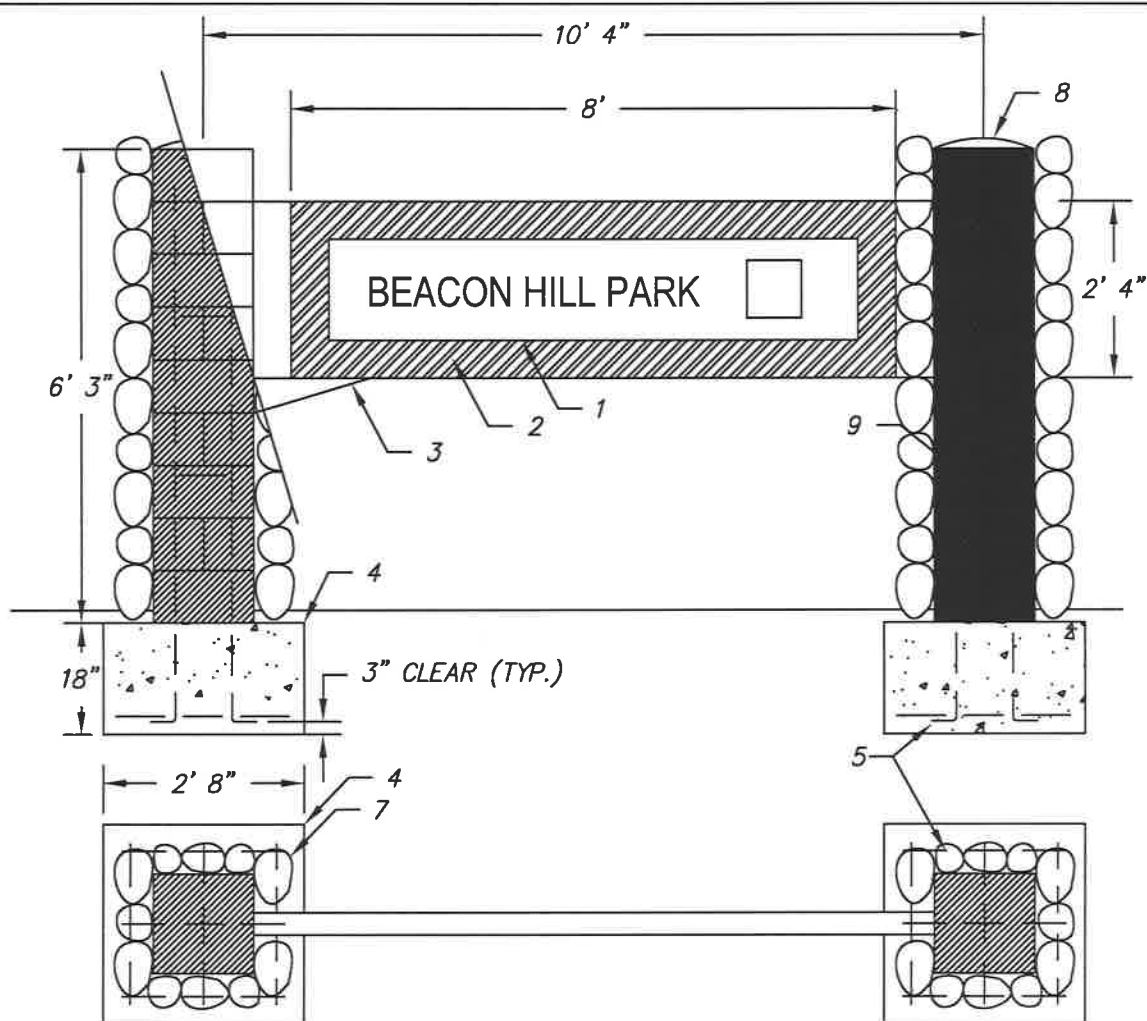
<b>CITY OF FOLSOM</b>	
<b>RODENT BARRIER FENCE</b>	
<b>SCALE: NONE</b> <b>DATE: FEBRUARY 2020</b>	<b>LS-55</b>



**NOTE:**  
 IN AREAS DISTURBED BY GRADING WHERE  
 SLOPE EXCEEDS 3:1 - JUTE NETTING WILL BE  
 INSTALLED IN PLANTING AREAS.

<b>CITY OF FOLSOM</b>	
<b>JUTE MESH INSTALLATION</b>	
<b>SCALE: NONE</b> <b>DATE: FEBRUARY 2020</b>	<b>LS-56</b>



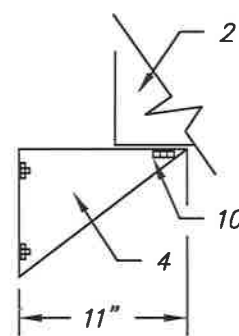
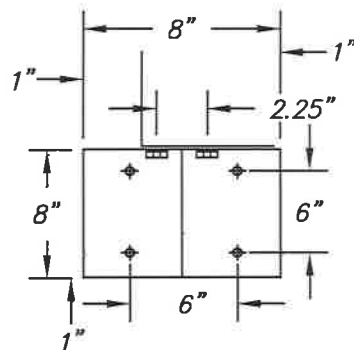
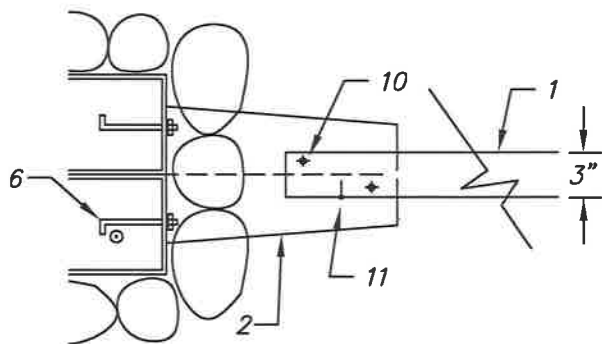


**LEGEND:**

1. 1½" ROUTED RECYCLED PLASTIC LUMBER SIGN PROVIDED BY THE CITY.
2. 3"x5"x½" STEEL ANGLE FRAME. INSTALL LEVEL AND PLUMB. POWDER-COAT DARK BROWN FINISH. 1" NO. 12 YELLOW WOOD SCREWS EVENLY SPACED ALL 4-SIDES. PAINT TO MATCH FRAME.
3. 3"x9"x¾" 90° ANGLE BRACKET; 4 BRACKETS PER PILASTER. CONTINUOUS WELD ¾" STIFFENER TO CENTER FOR SUPPORT, GRIND WELDS SMOOTH. ROUND ALL EDGES. INVERT ANGLE & DELETE STIFFENER FOR TOP BRACKETS. PRIME & PAINT DARK BROWN FINISH.
4. CONCRETE FOOTING SHALL BE HAVE A STRENGTH OF 2,500 PSI @ 28 DAYS.
5. 3-#4 BARS EACH WAY.
6. 16" SQUARE CMU PILASTER; GROUT SOLID (2,000 PSI MIN).
7. COBBLE VENEER ALL FACES OF BLOCK USING MORTAR TIES AND MORTAR; COBBLE SHALL BE 6"-8" IN DIAMETER INFILL COBBLE BETWEEN FRAME AND CMU BLOCK.
8. 3" MORTAR CAP; CROWN TO DRAIN.
9. #3 TIES AT 24" O.C.
10. PROVIDE ½"ØX1" SLOTTED HOLE FOR ¾"X13 THREAD X 1" THRU BOLT WITH LOCK WASHER. 2 EA. BRACKET TOP 7 BOTTOM.
11. PRE-DRILL HOLES FOR 1" NO 12 YELLOW WOOD SCREWS. EVENLY SPACE ALL 4-SIDES.
12. 7/16"Ø HOLE FOR ANCHOR BOLT ATTACHMENT TO PILASTER.

**NOTES:**

1. REINFORCING BARS GRADED PER ASTM A615.
2. CMU BLOCKS GRADED PER ASTM C90.
3. STEEL PLATE GRADED PER ASTM A307.



<b>CITY OF FOLSOM</b>	
<b>PARK SIGN MONUMENT</b>	
SCALE: NONE DATE: FEBRUARY 2020	LS-57