



Parks, Recreation & Libraries Department

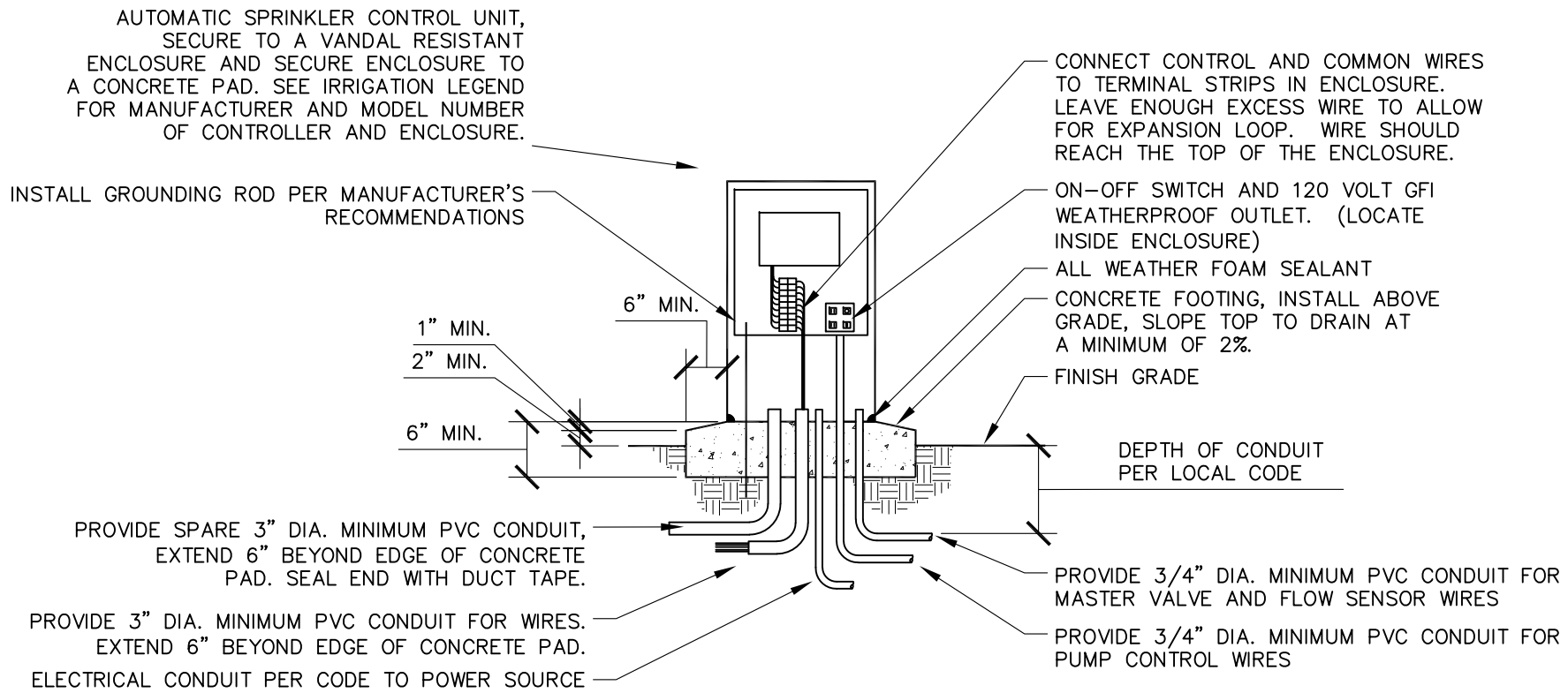
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PARKS STANDARD DETAILS

PARKS CONSTRUCTION STANDARDS

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PARKS CONSTRUCTION STANDARDS

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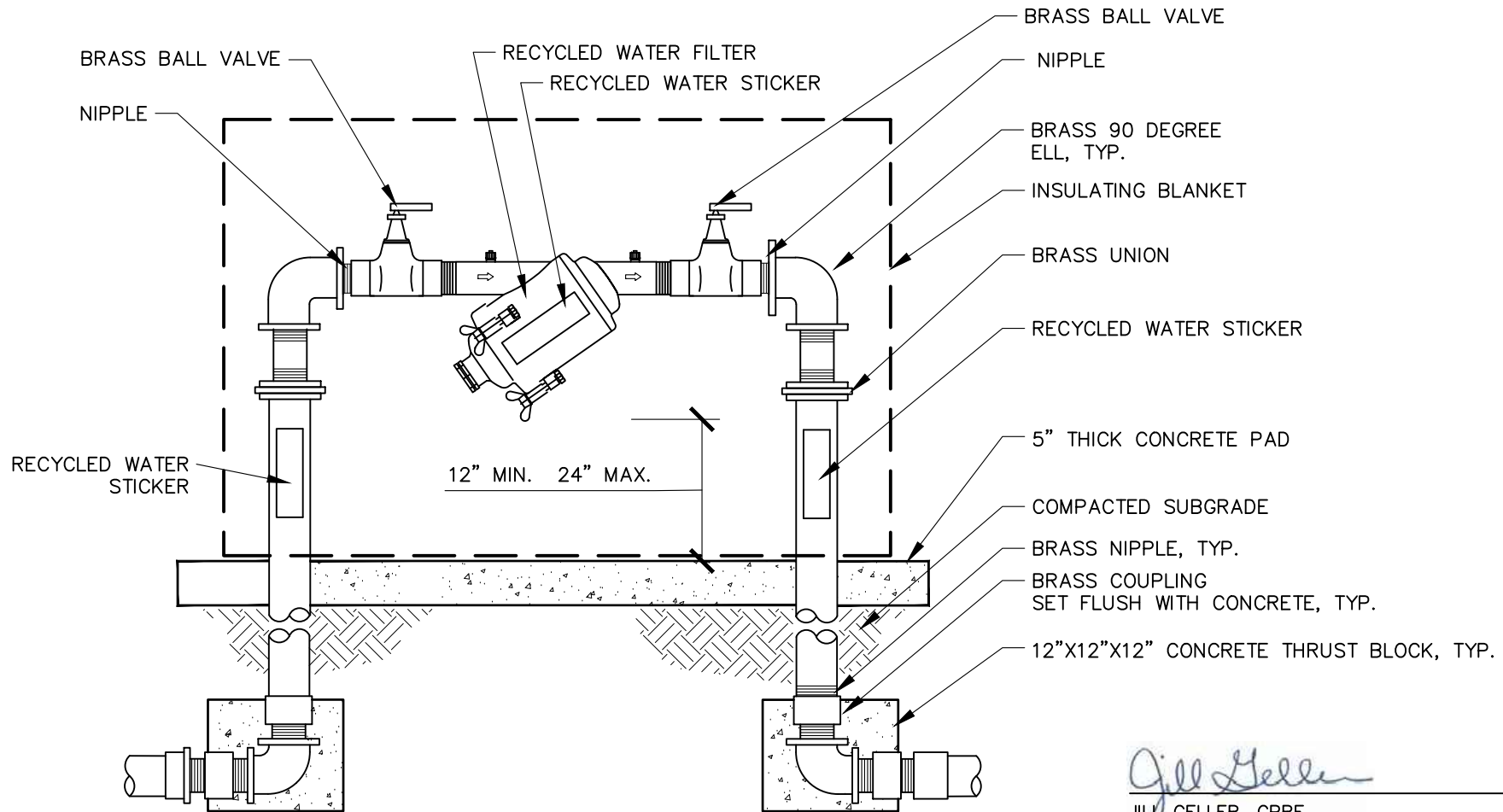
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PARKS, RECREATION & LIBRARIES DIRECTOR

NOTES

1. COMMON WIRE TO BE WHITE & CONTROL WIRE TO BE RED IN COLOR. BUNDLE AND TAPE AT INTERVALS OF 10 FT. O. C.
2. NO SPLICES SHALL BE MADE BETWEEN CONTROLLER AND REMOTE CONTROL VALVES UNDER 500 LINEAL FEET.
3. ORDER WITH MANUFACTURER'S FACTORY FINISH STAINLESS STEEL.
4. INSULATE AROUND INSIDE BASE OF BOX WITH ALL WEATHER FOAM SEALANT.
5. GROUNDING ROD SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS..
6. GROUND TEST TO BE CONDUCTED AFTER INSTALLATION, NOT TO EXCEED 25 OHMS.
7. MASTER VALVE WIRE SHALL BE BLUE.
8. PROVIDE COLOR CODED MAP OF VALVE LOCATIONS.
9. EXTEND PAVING 24" AT FRONT OF CONTROLLER TO ALLOW FOR CLEAR ACCESS.

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CONTROLLER	
SCALE: NONE REVISED: JULY 2023 REVIEWED BY: T. GEE APPROVED BY: J. GELLER	PK-1



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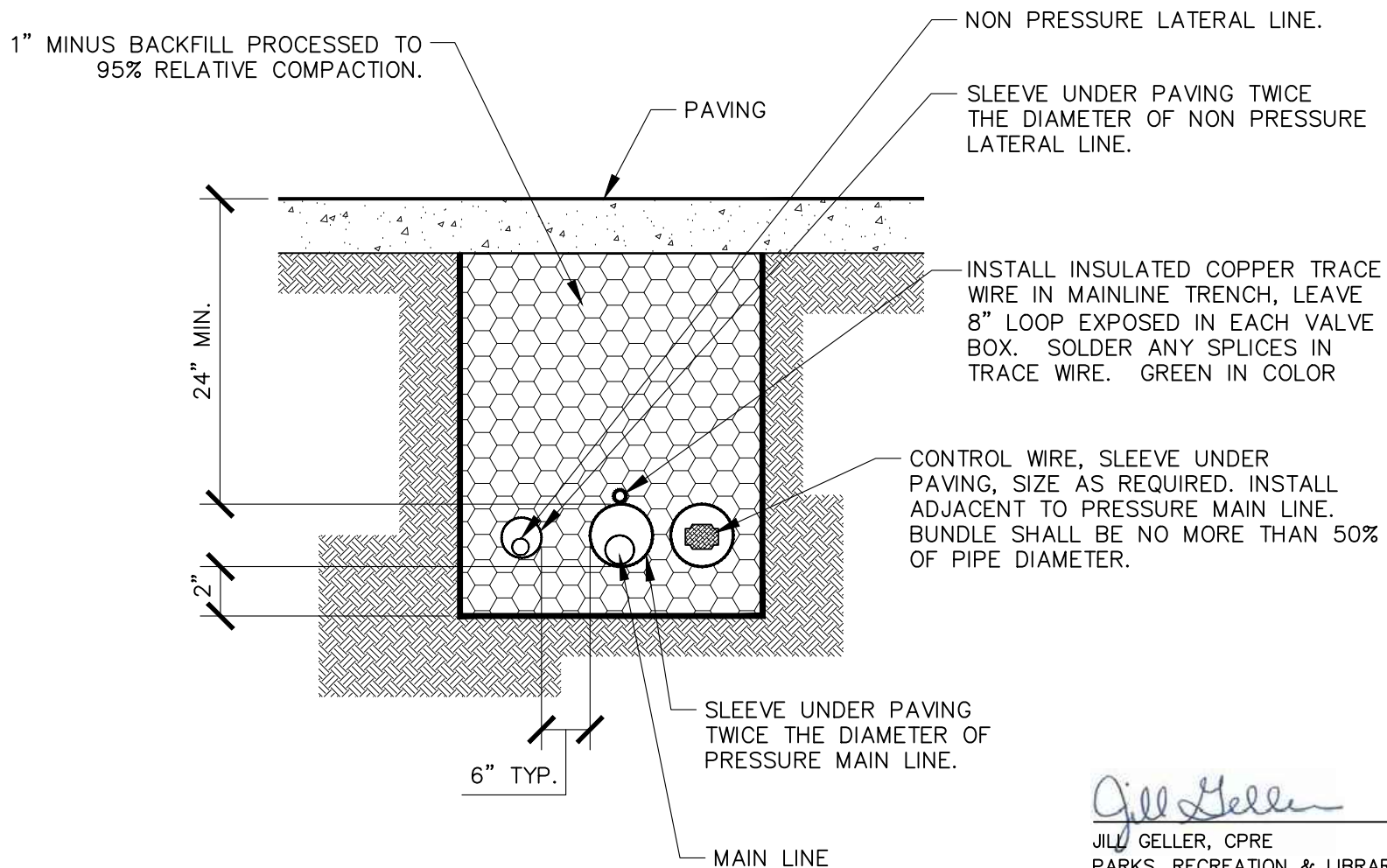
RECYCLED WATER FILTER

SCALE: NONE
REVISED: JULY 2023
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER

PK-4

NOTES

1. USE TEFLON TAPE ON ALL THREADED FITTINGS.
2. LOCATE IN SHRUB/GROUNDCOVER AREA WHENEVER POSSIBLE.
3. PROVIDE INSULATING BLANKET OVER RECYCLED WATER FILTER.
4. PIPE AND FITTINGS 3" OR SMALLER SHALL BE BRASS; 4" OR LARGER SHALL BE DUCTILE IRON.
5. RECYCLED WATER STICKERS SHALL BE PURPLE AND SHALL READ "RECYCLED WATER – DO NOT DRINK"



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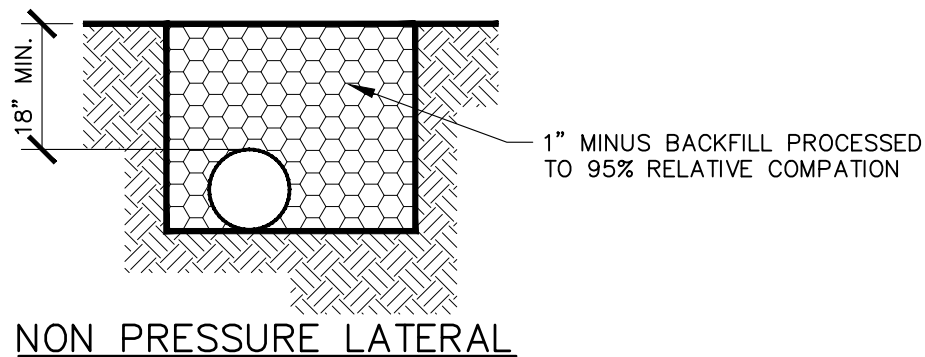
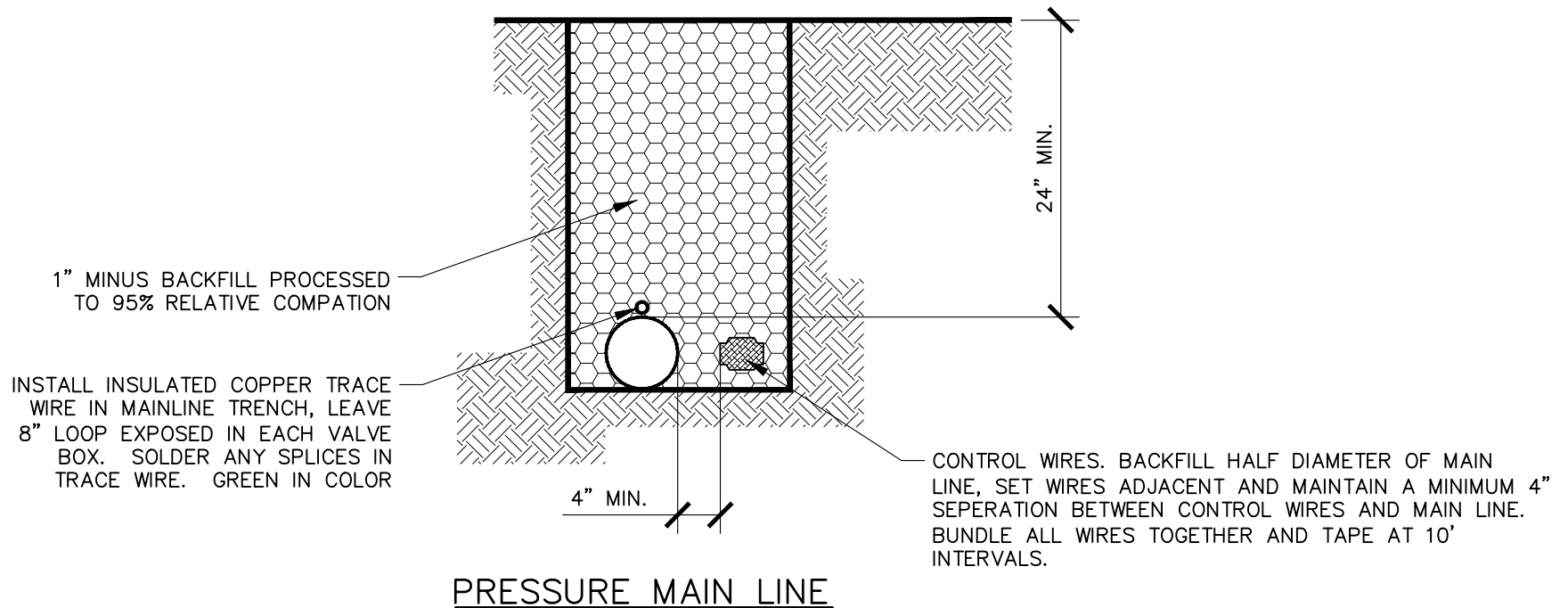
NOTES

1. ALL SLEEVES TO BE SCHEDULE 40 PVC.
2. EXTEND ALL SLEEVES 12" BEYOND EDGE OF HARDSCAPING.
3. CAP BOTH ENDS OF ALL SPARE SLEEVES AND MARK BOTH ENDS WITH 3M LOCATOR BALLS.
4. INSTALL SPARE SLEEVE UNDER ROADWAYS

PIPE AT PAVEMENT

SCALE: NONE
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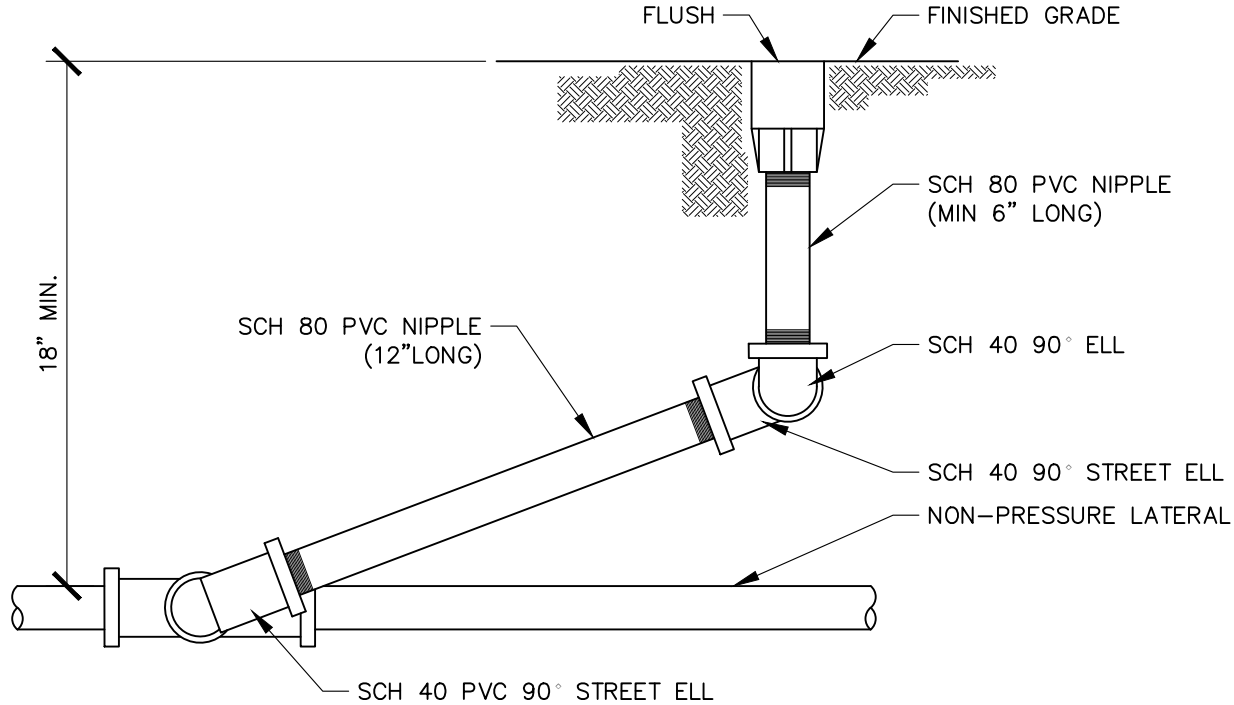
PIPE TRENCH

SCALE: NONE
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REVIEWED BY: T. GEE
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PK-6

NOTES

1. RECLAIMED WATER REQUIRES BURIED TAPE LINE PER PUBLIC WORKS CONSTRUCTION STANDARDS.



NOTES

1. LOCATE HEAD 2" FROM WALKS, CURBS, HARDSCAPING, MOW STRIPS, AND HEADER BOARDS, OR AS REQUIRED BY CURRENT WELO REGULATIONS.
2. LOCATE HEAD 12" FROM ALL STRUCTURES.
3. USE TEFLON TAPE ON ALL THREADED FITTINGS. DO NOT USE MARLEX FITTINGS.
4. SWING JOINT ASSEMBLY PIPE SIZE MUST MATCH INLET SIZE OF SPRINKLER.
5. PREFABRICATED SWING JOINTS ARE ALLOWED, UPON APPROVAL.

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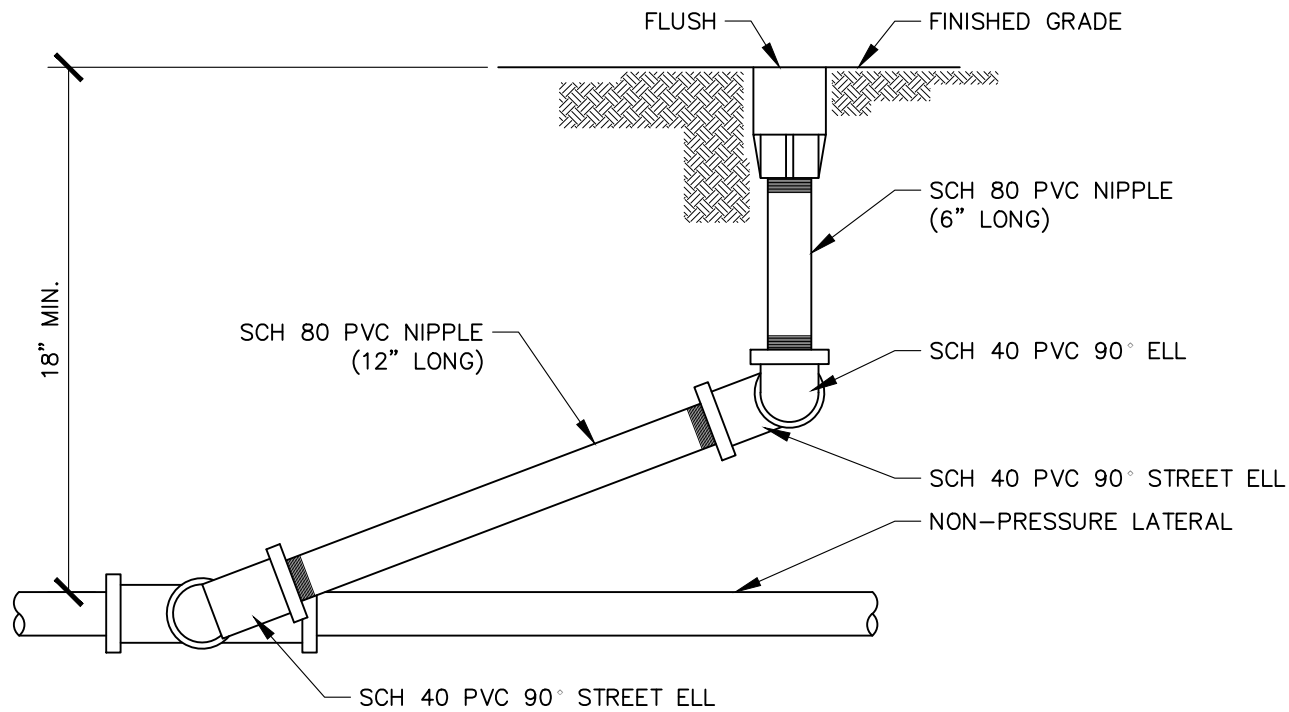


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POP-UP ROTOR


SCALE: NONE
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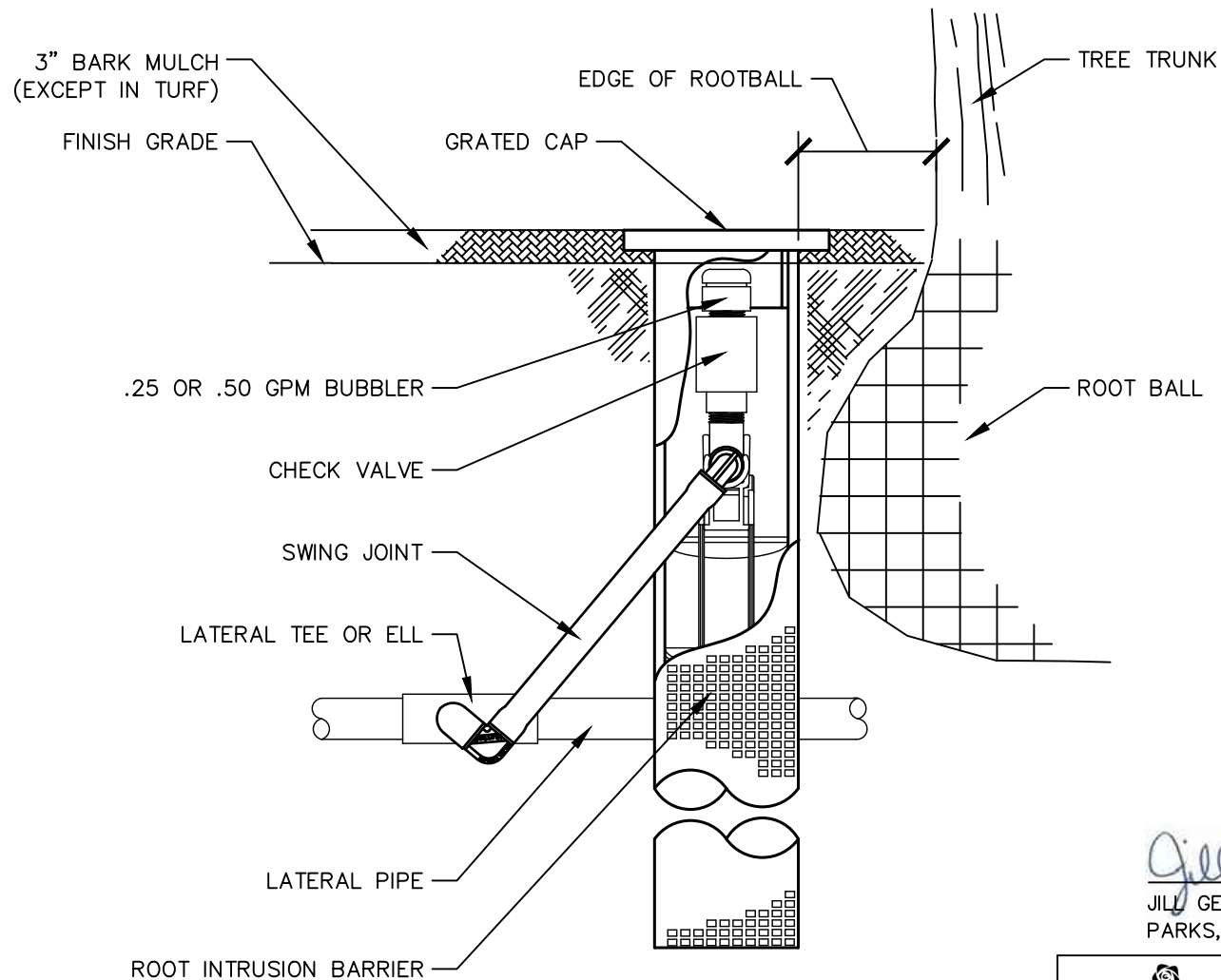
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POP-UP SPRAY	
SCALE: NONE REVISED: JULY 2023 REVIEWED BY: T. GEE APPROVED BY: J. GELLER	PK-8

NOTES

1. LOCATE HEAD 2" FROM WALKS, CURBS, HARDSCAPING, MOW STRIPS, AND HEADER BOARDS, OR AS REQUIRED BY CURRENT WELO REGULATIONS.
2. LOCATE SPRAY HEADS 12" FROM ALL STRUCTURES IN TURF AREAS AND 6" FROM ALL STRUCTURES IN GROUND-COVER AREAS.
3. USE TEFLON TAPE ON ALL THREADED FITTINGS. DO NOT USE MARLEX FITTINGS.
4. PREFABRICATED SWING JOINT ARE ALLOWED, UPON APPROVAL.
5. 6" LONG SCH 80 PVC RISER NIPPLE NOT REQUIRED FOR 12" POPUP HEADS.



NOTE

1. INSTALL FILTER FABRIC SLEEVE
2. SEE PLANS AND SPECS FOR APPROVED MANUFACTURERS AND MODEL NUMBERS

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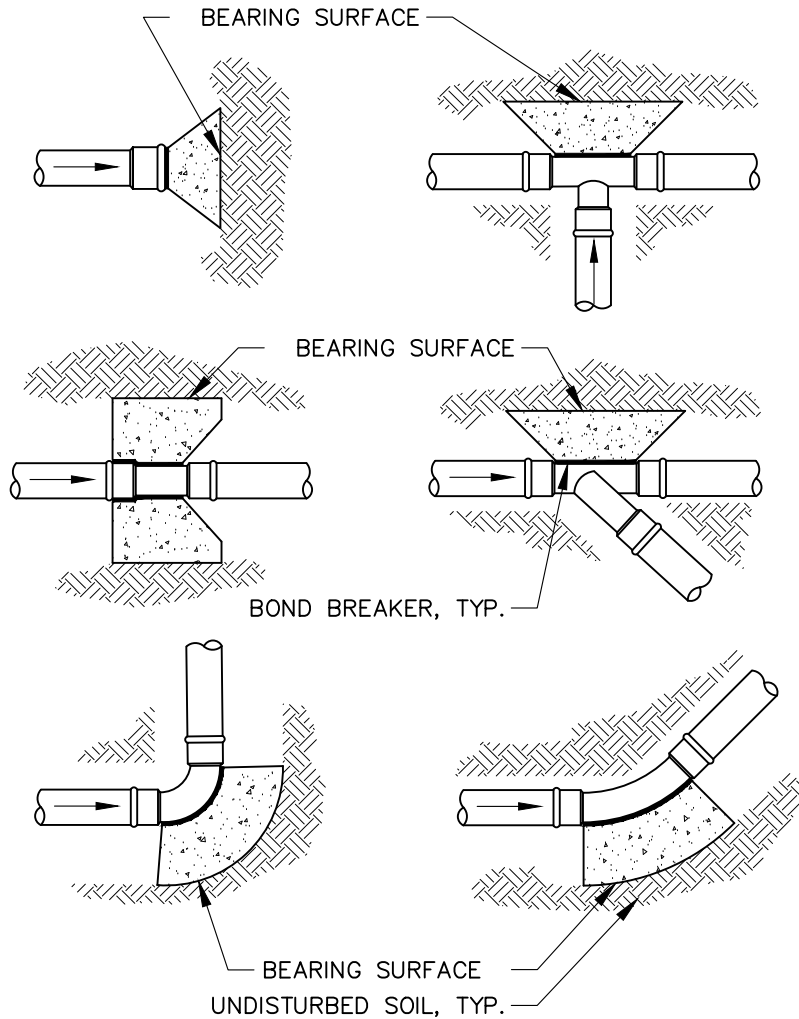


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ROOT WATERING SYSTEM

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PK-9



MINIMUM BEARING SURFACE AREA

PIPE SIZE	TEE AND PLUG	90 DEGREE BEND	45 DEGREE BEND
1-1/2"	0.45 SQ. FT.	0.63 SQ. FT.	0.34 SQ. FT.
2"	0.69 SQ. FT.	0.97 SQ. FT.	0.53 SQ. FT.
2-1/2"	1.0 SQ. FT.	1.41 SQ. FT.	0.77 SQ. FT.
3"	1.48 SQ. FT.	2.10 SQ. FT.	1.14 SQ. FT.
4"	2.43 SQ. FT.	3.45 SQ. FT.	1.87 SQ. FT.
6"	5.25 SQ. FT.	7.41 SQ. FT.	4.02 SQ. FT.
8"	9.08 SQ. FT.	12.83 SQ. FT.	6.96 SQ. FT.
10"	14.93 SQ. FT.	21.07 SQ. FT.	11.44 SQ. FT.

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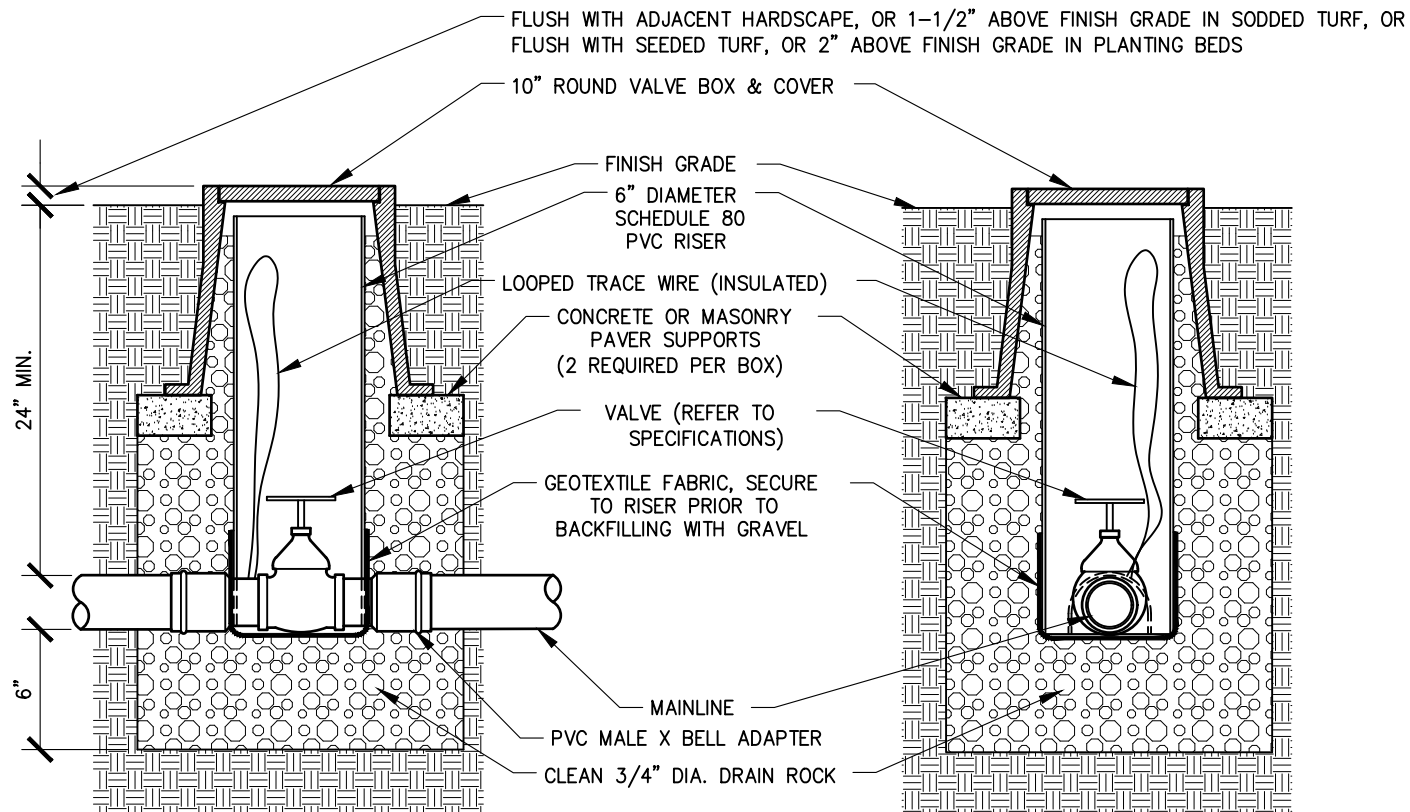
THRUST BLOCKS

SCALE: NONE
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PK-10

NOTES

1. SIZE THRUST BLOCKS AS SPECIFIED ABOVE.
2. DO NOT ENCASE CONTROL WIRES IN THE CONCRETE.
3. ALL FITTINGS MUST BE WRAPPED WITH POLYETHYLENE TO PREVENT CONCRETE FROM ADHERING TO BOLTS OR PIPES.
4. JOINTS AND BOLTS SHALL BE ACCESSIBLE FOR REPAIRS.



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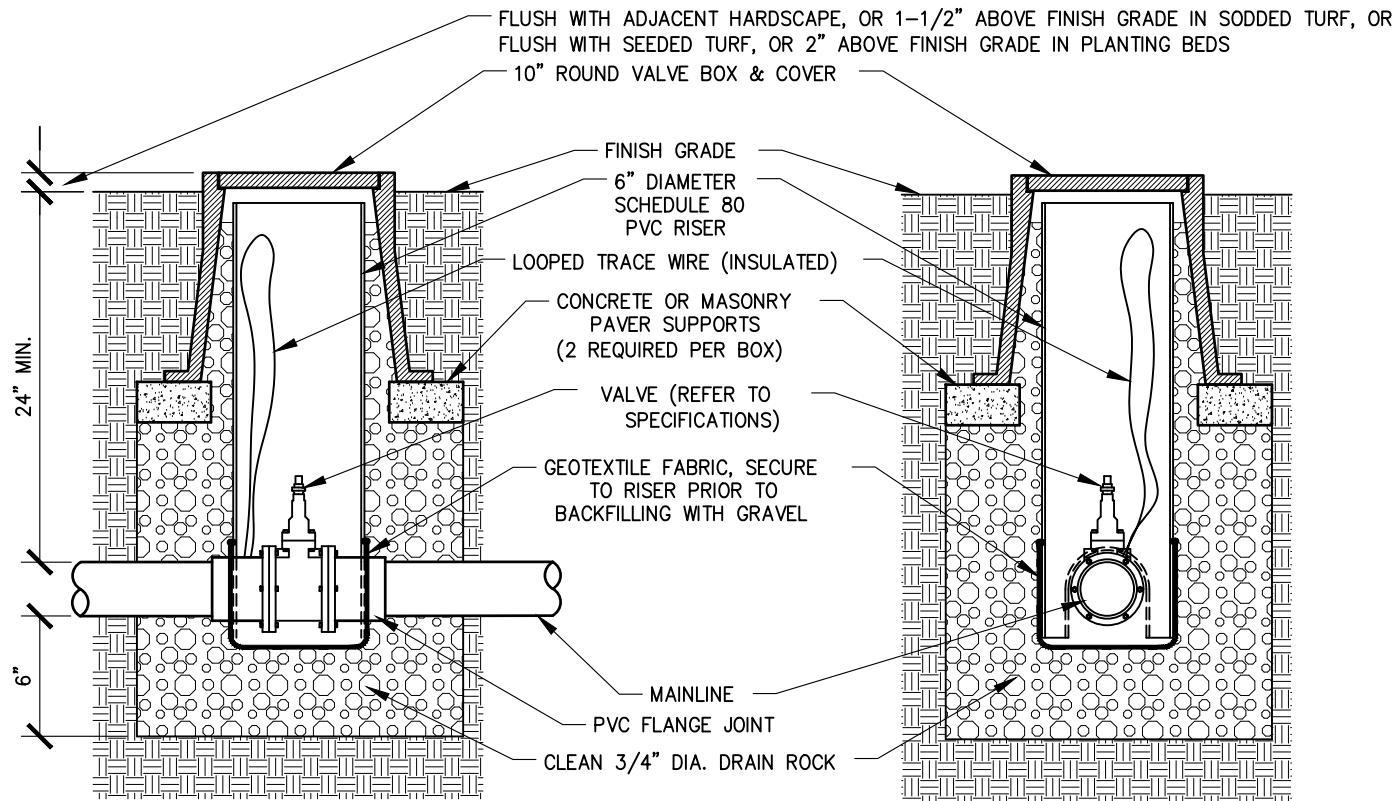
VALVE 3" AND SMALLER

SCALE: NONE
REVISED: JULY 2023
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER

PK-11

NOTES

1. COMPACT SOIL AROUND BOX TO 90% MINIMUM COMPACTION.
2. PLACE DRAIN ROCK PRIOR TO INSTALLING VALVE BOX.
3. GATE VALVE AND FITTINGS SHALL BE LINE SIZE UNLESS OTHERWISE NOTED.
4. USE TEFLON TAPE ON ALL THREADED FITTINGS.
5. LOCATE VALVES IN SHRUB/GROUNDCOVER AREAS WHENEVER POSSIBLE.
6. LOOP EXTRA TRACER WIRE UP TO TOP OF BOX.



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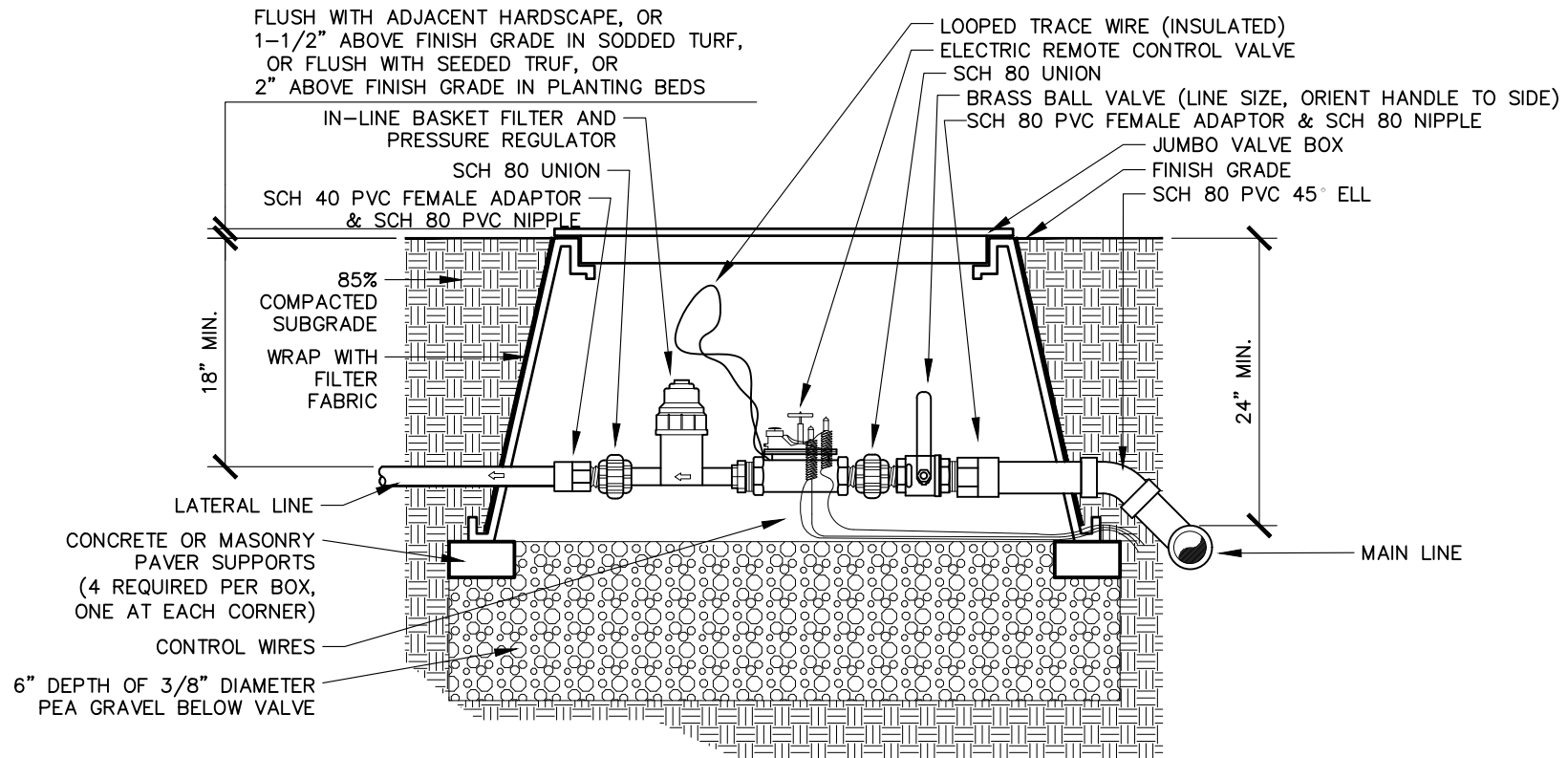
VALVE 4" AND LARGER

SCALE: NONE
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APPROVED BY: J. GELLER

PK-12

NOTES

1. COMPACT SOIL AROUND BOX TO 90% MINIMUM COMPACTION.
2. PLACE DRAIN ROCK PRIOR TO INSTALLING VALVE BOX.
3. GATE VALVE AND FITTINGS SHALL BE LINE SIZE UNLESS OTHERWISE NOTED.
4. USE TEFLON TAPE ON ALL THREADED FITTINGS.
5. LOCATE VALVES IN SHRUB/GROUND COVER AREAS WHENEVER POSSIBLE.
6. LOOP EXTRA TRACER WIRE UP TO TOP OF BOX.



NOTES

1. INSTALL VALVES A MINIMUM OF 12" FROM STRUCTURES OR HARDSCAPING.
2. INSTALL VALVES IN PLANTER BEDS WHEREVER POSSIBLE.
3. PLACE VALVE BOX AT RIGHT ANGLES TO STRUCTURES OR HARDSCAPING.
4. INSTALL VALVE BOX SO THAT TOP OF BOX IS FLUSH WITH ADJACENT HARDSCAPING.
5. USE TEFLON TAPE ON ALL MALE THREADS.
6. VALVES ON MAINLINES 3" AND LARGER REQUIRE SADDLE TAPS, 2 1/2" AND SMALLER MAINLINE REQUIRES GLUED SCHEDULE 80 FITTINGS.
7. PROVIDE SCHEDULE 80 THREADED UNION ON BOTH UPSTREAM AND DOWNSTREAM SIDES.
8. INSULATE AROUND PIPE AT BOX OPENINGS WITH PLASTIC SHEETING TO PREVENT SOIL FROM ENTERING BOX.
9. REFER TO SPECIFICATIONS FOR REQUIREMENTS FOR TAPING, EXPANSION COILS, WIRE CONNECTIONS, ETC.
10. ALL RCV'S SHALL BE TAGGED INDICATING STATION #'S.
11. ALL VALVE BOXES SHALL HAVE STATION #'S PERMANENTLY BURNED ON VALVE BOX LIDS.
MARKINGS SHALL BE AS FOLLOWS:
TURF VALVES: T#
LANDSCAPE AREA VALVES: L#
BUBBLER VALVES: B#

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VALVE DRIP CONTROL

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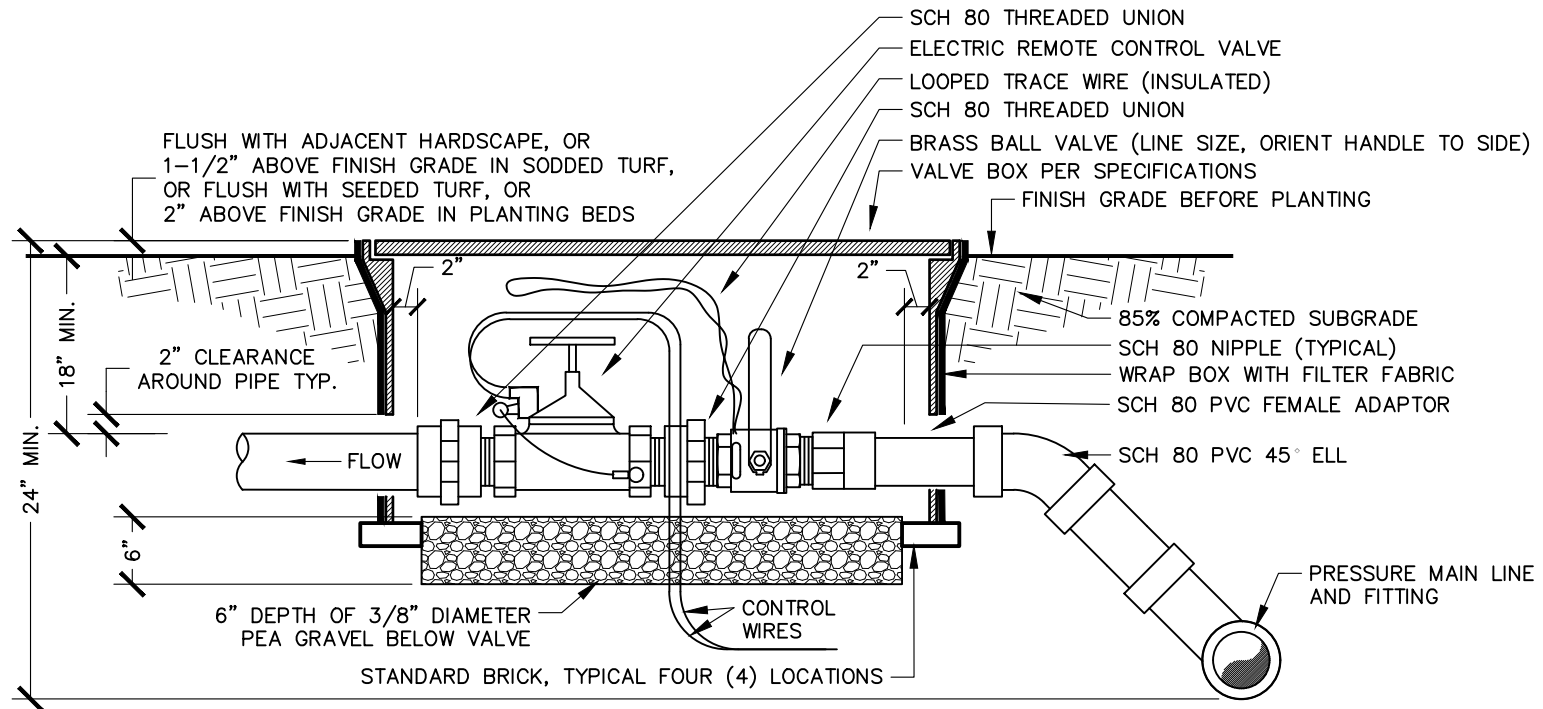
PK-13



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PK-14

1. INSTALL VALVE BOXES SO THAT THE TOP OF THE BOX IS FLUSH WITH THE TOP OF THE ADJACENT HARDSCAPE.
2. USE TEFLON TAPE ON ALL THREADED CONNECTIONS.



NOTES

1. INSTALL VALVES A MINIMUM OF 12" FROM STRUCTURES OR HARDSCAPING.
2. INSTALL VALVES IN PLANTER BEDS WHEREVER POSSIBLE.
3. PLACE VALVE BOX AT RIGHT ANGLES TO STRUCTURES OR HARDSCAPING.
4. INSTALL VALVE BOX SO THAT TOP OF BOX IS FLUSH WITH ADJACENT HARDSCAPING.
5. USE TEFLON TAPE ON ALL MALE THREADS.
6. VALVES ON MAINLINES 3" AND LARGER REQUIRE SADDLE TAPS, 2 1/2" AND SMALLER MAINLINE REQUIRES GLUED SCHEDULE 80 FITTINGS.
7. PROVIDE SCHEDULE 80 THREADED UNION ON BOTH UPSTREAM AND DOWNSTREAM SIDES.
8. INSULATE AROUND PIPE AT BOX OPENINGS WITH PLASTIC SHEETING TO PREVENT SOIL FROM ENTERING BOX.
9. REFER TO SPECIFICATIONS FOR REQUIREMENTS FOR TAPING, EXPANSION COILS, WIRE CONNECTIONS, ETC.
10. ALL RCV'S SHALL BE TAGGED INDICATING STATION #'S.
11. ALL VALVE BOXES SHALL HAVE STATION #'S PERMANENTLY BURNED ON VALVE BOX LIDS.
MARKINGS SHALL BE AS FOLLOWS:
TURF VALVES: T#
LANDSCAPE AREA VALVES: L#
BUBBLER VALVES: B#

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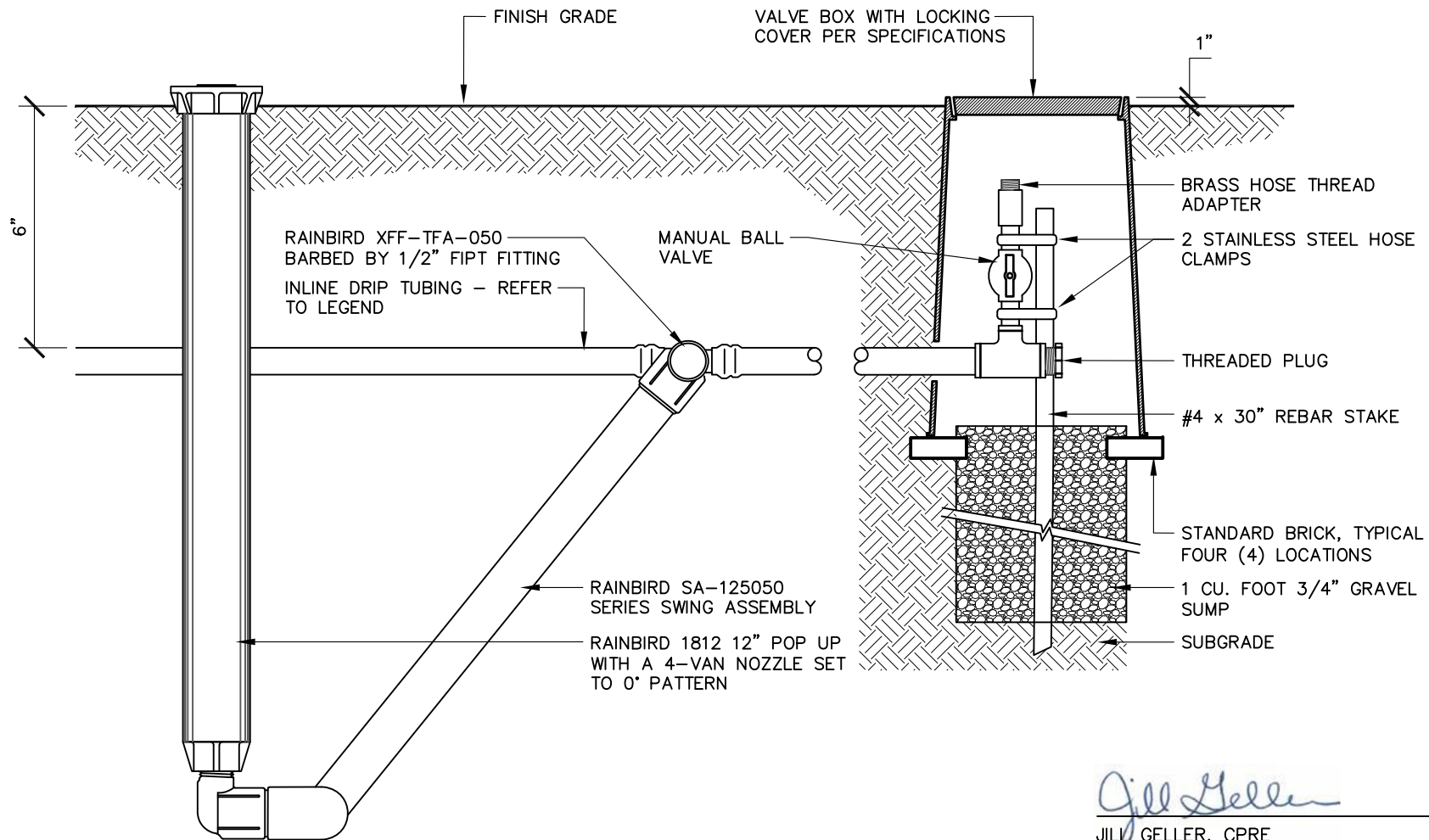


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VALVE REMOTE CONTROL AT GRADE

SCALE: NONE
REVISED: JULY 2023
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER

PK-15



NOTES

1. CENTER BALL VALVE IN VALVE BOX OPENING TO ALLOW EASY ACCESS.
2. INSTALL OPERATION INDICATOR WITHIN 18" OF FLUSH VALVE.
3. PLACE VALVE BOX AT RIGHT ANGLES TO STRUCTURES OR HARDSCAPING.
4. USE TEFLON TAPE ON ALL MALE THREADS.
5. INSTALL 3M LOCATOR BALLS AT ALL BOXES.
6. REFER TO SPECIFICATIONS FOR REQUIREMENTS FOR TAPING, EXPANSION COILS, WIRE CONNECTIONS, ETC.

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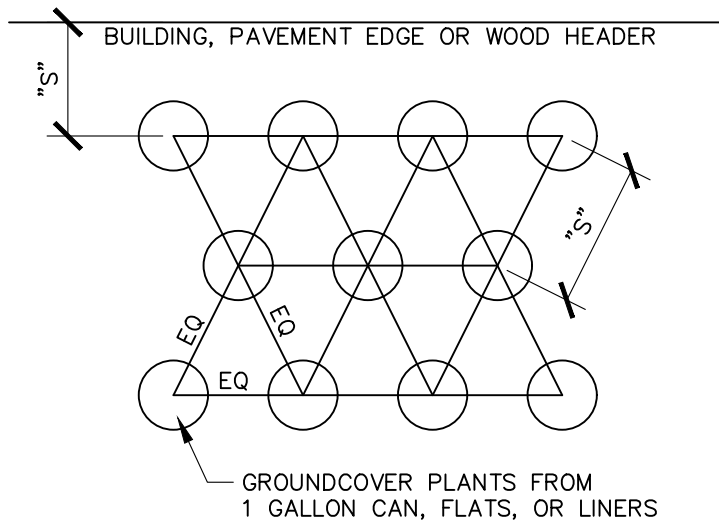


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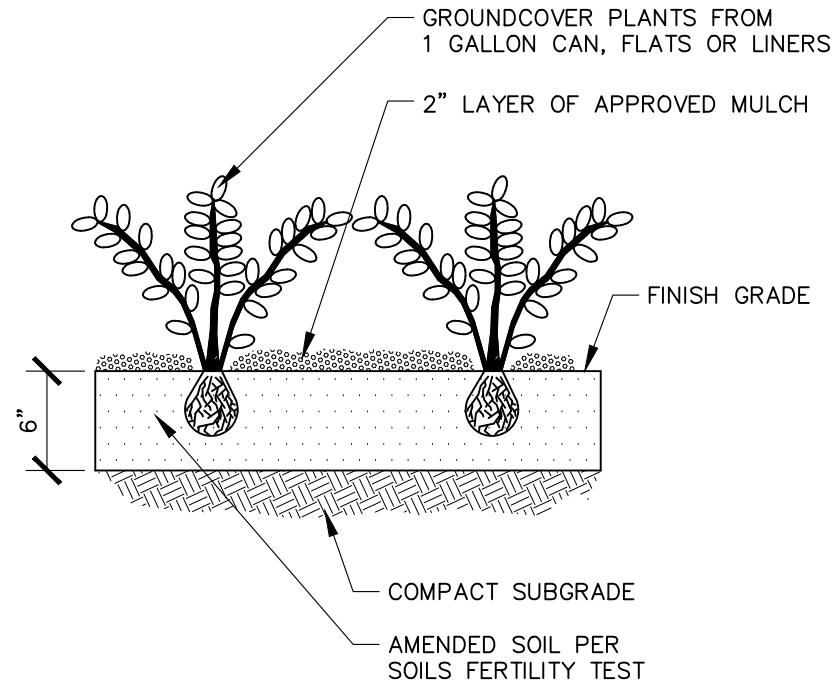
DRIP FLUSH VALVE AND OPERATION INDICATOR

SCALE: NONE
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PK-16



PLAN



SECTION

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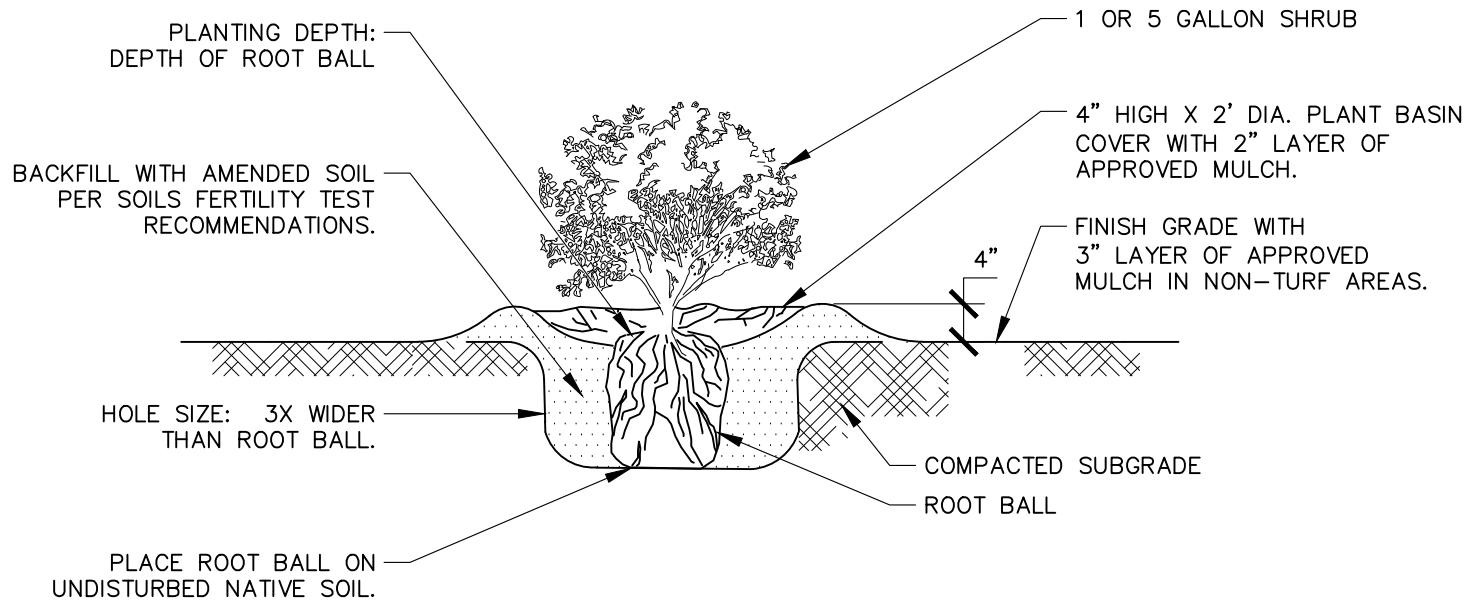
GROUNDCOVER PLANTING

NOTES

1. "S" REFERS TO PLANT SPACING, SEE PLANT TABLE ON CONSTRUCTION DOCUMENTS.

SCALE: NONE
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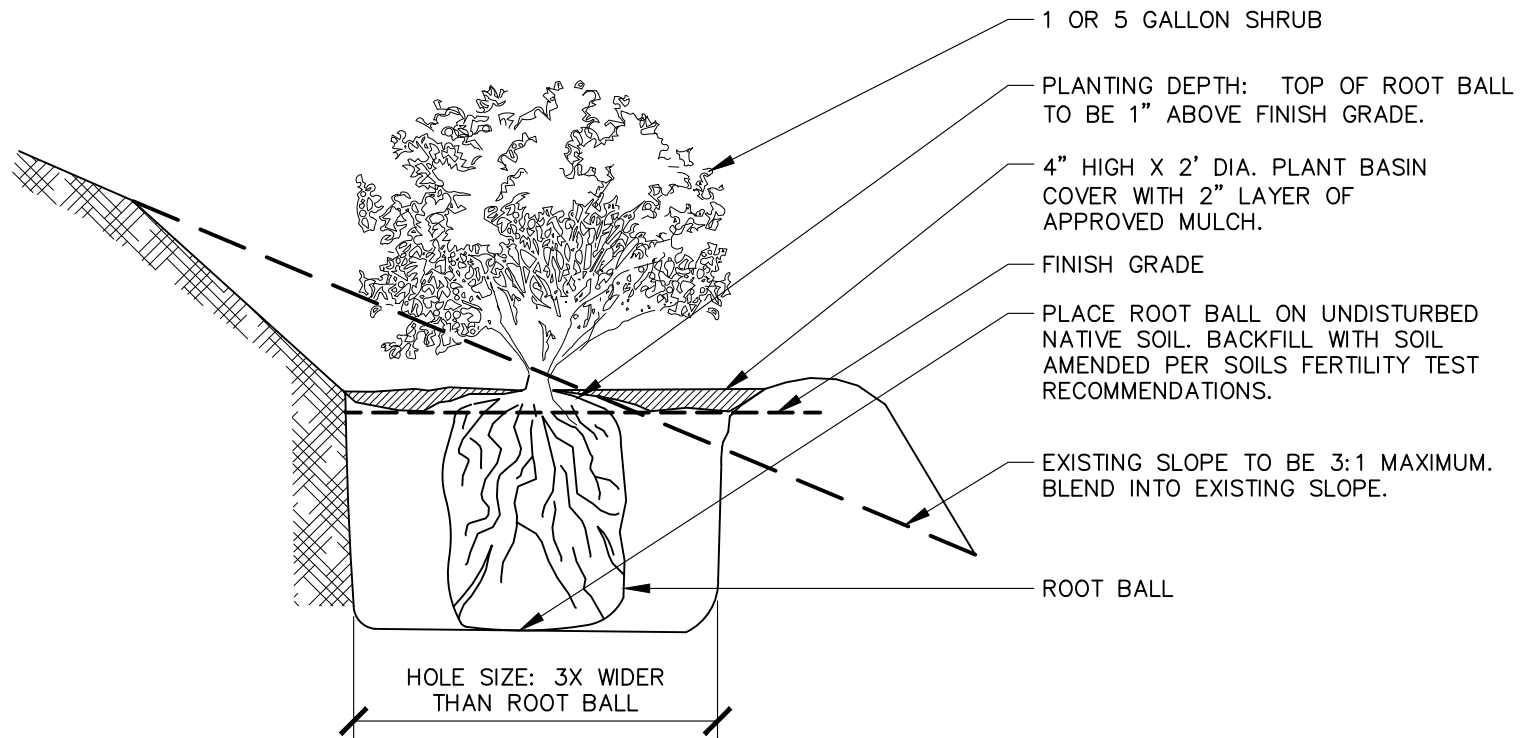
SHRUB PLANTING

SCALE: NONE
REVISED: JULY 2023
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER

PK-18

NOTES

1. AMENDMENT SHALL BE CONSISTENT WITH SOILS FERTILITY TEST.
2. PLANTING AREAS SHALL BE TREATED WITH PRE-EMERGENT AFTER PLANTING IS COMPLETE AND PRIOR TO MULCH INSTALLATION.
3. SCORE ROOT BALL IN VARIOUS LOCATIONS.



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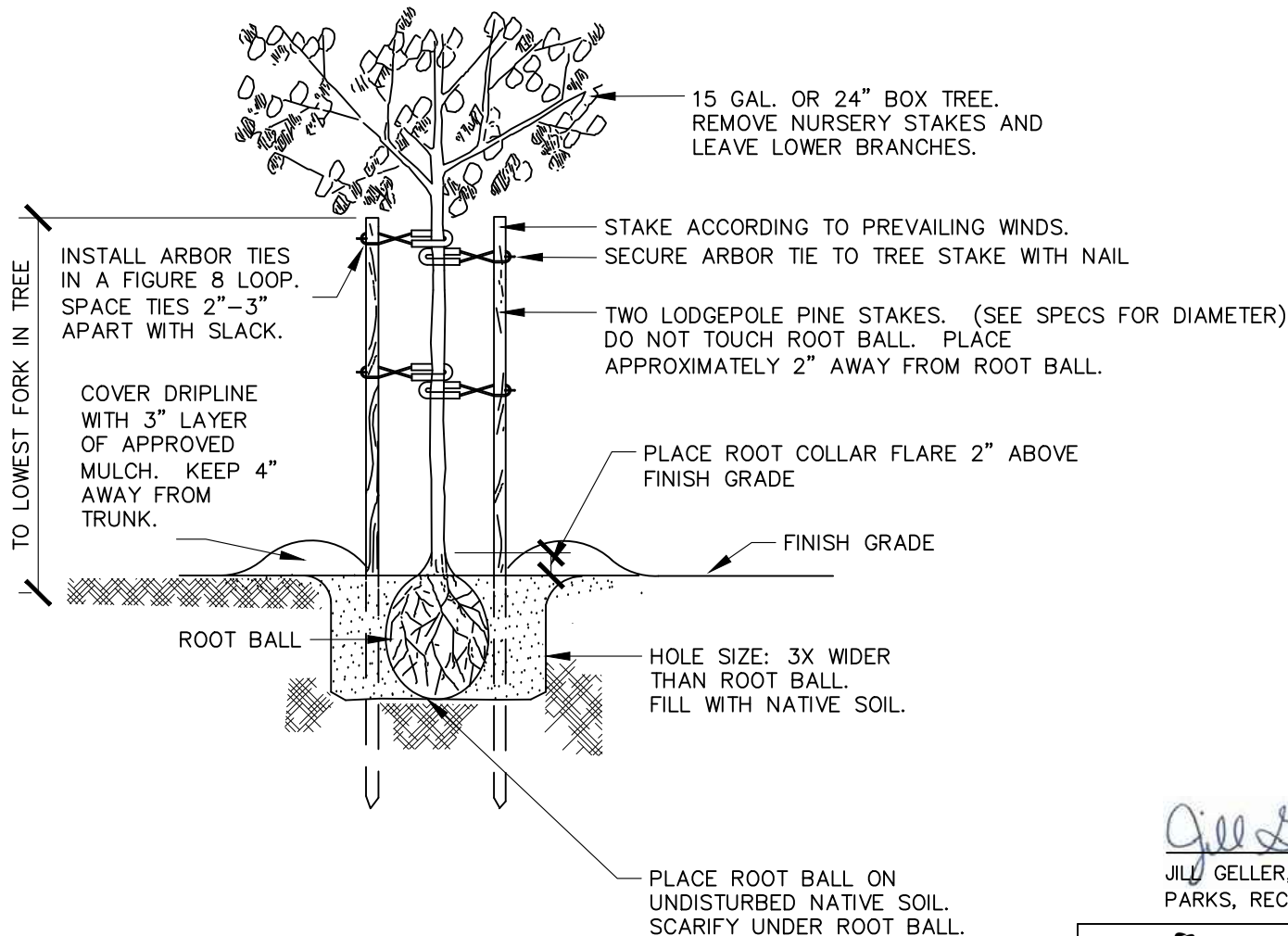
SHRUBS ON SLOPES

NOTES

1. PLANTER AREAS SHALL BE TREATED WITH PRE-EMERGENT HERBICIDE AFTER PLANTING IS COMPLETE AND PRIOR TO MULCH INSTALLATION.
2. BUBBLERS TO BE PLACED ON UPHILL SIDE OF SHRUB.
3. SCORE ROOT BALL IN VARIOUS LOCATIONS.

SCALE: NONE
REVISED: JULY 2023
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PK-19



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NOTES

1. SCORE ROOT BALL AND CUT GIRDLING ROOTS ON ALL FOUR SIDES OF ROOT BALL.
2. FOR LAWN AREAS: PROVIDE A 3' DIA. AREA FREE OF TURF.
3. TREES FURNISHED IN #15 NURSERY CONTAINERS REQUIRE 2" DIA. STAKES. TREES LESS THAN 8' IN HEIGHT REQUIRE AN 8' STAKE. TREES 8' OR GREATER IN HEIGHT REQUIRE A 10' STAKE. TREES FURNISHED IN 24" BOXES REQUIRE 3" DIA. BY 10' LONG STAKES.
4. INSTALL 2 ARBOR TIES, AT 2/3 OF TREE HEIGHT AND 2 ARBOR TIES AT 1/2 OF TREE HEIGHT.
5. TREE STAKES SHOULD BE INSERTED INTO THE GROUND TO A MINIMUM DEPTH OF 18".
6. TREES TO BE STRUCTURALLY PRUNED BEFORE PLANTING. ESTABLISH A CENTRAL LEADER AND REDUCE OR REMOVE CODOMINANT LEADERS.

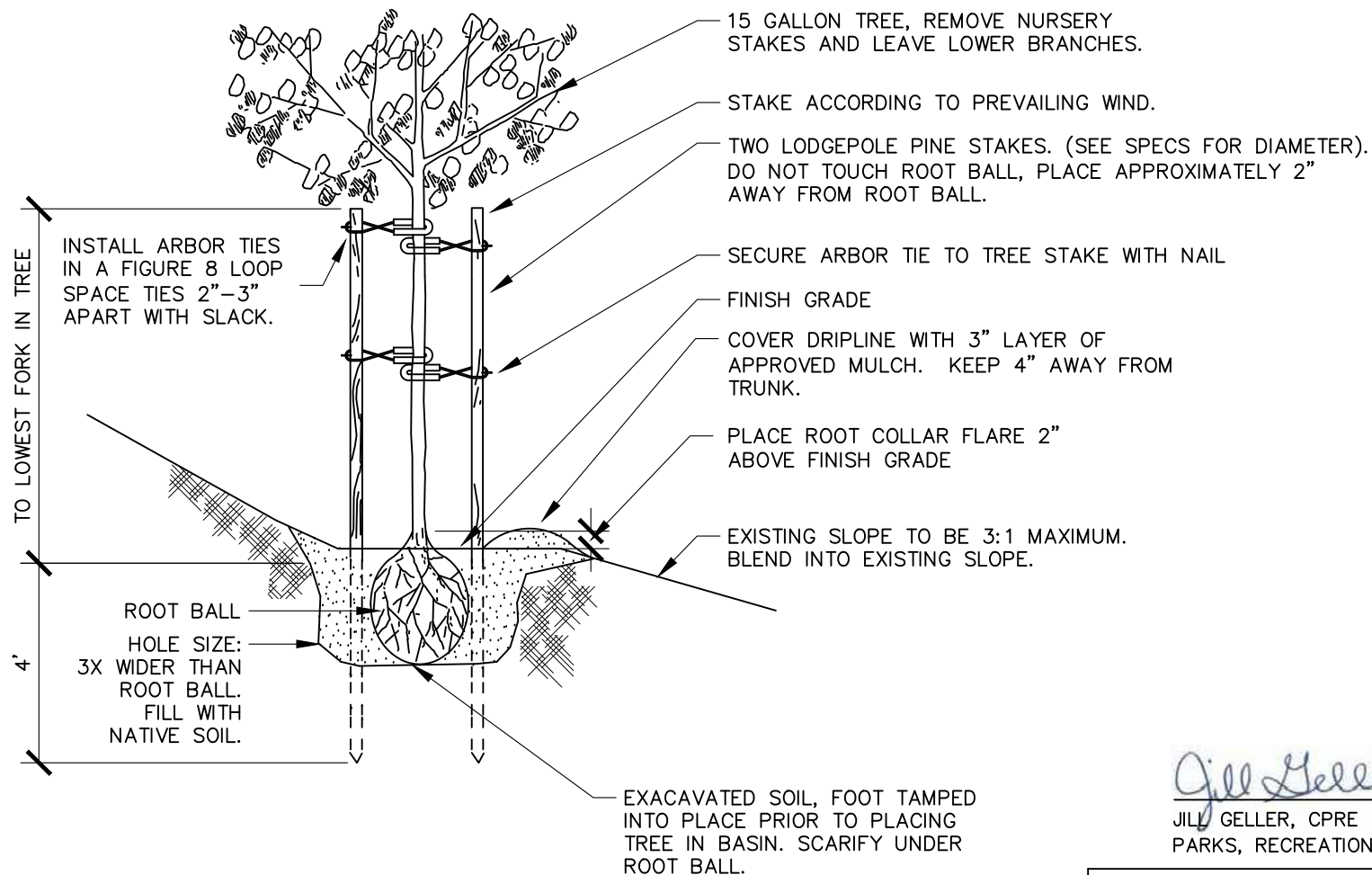


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TREE PLANTING

SCALE: NONE
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APPROVED BY: J. GELLER

PK-20



NOTES

1. SCORE ROOT BALL AND CUT GIRDLING ROOTS ON ALL FOUR SIDES OF ROOT BALL.
2. TREES FURNISHED IN #15 NURSERY CONTAINERS REQUIRE 2" DIA. STAKES. TREES LESS THAN 8' IN HEIGHT REQUIRE AN 8' STAKE. TREES 8' OR GREATER IN HEIGHT REQUIRE A 10' STAKE. TREES FURNISHED IN 24" BOXES REQUIRE 3" DIA. BY 10' LONG STAKES.
3. INSTALL 2 ARBOR TIES, AT 2/3 OF TREE HEIGHT AND 2 ARBOR TIES AT 1/2 OF TREE HEIGHT.
4. TREE STAKES SHOULD BE INSERTED INTO THE GROUND TO A MINIMUM DEPTH OF 18".
5. TREES TO BE STRUCTURALLY PRUNED BEFORE PLANTING. ESTABLISH CENTRAL LEADER AND REDUCE OR REMOVE CODOMINANT LEADERS.

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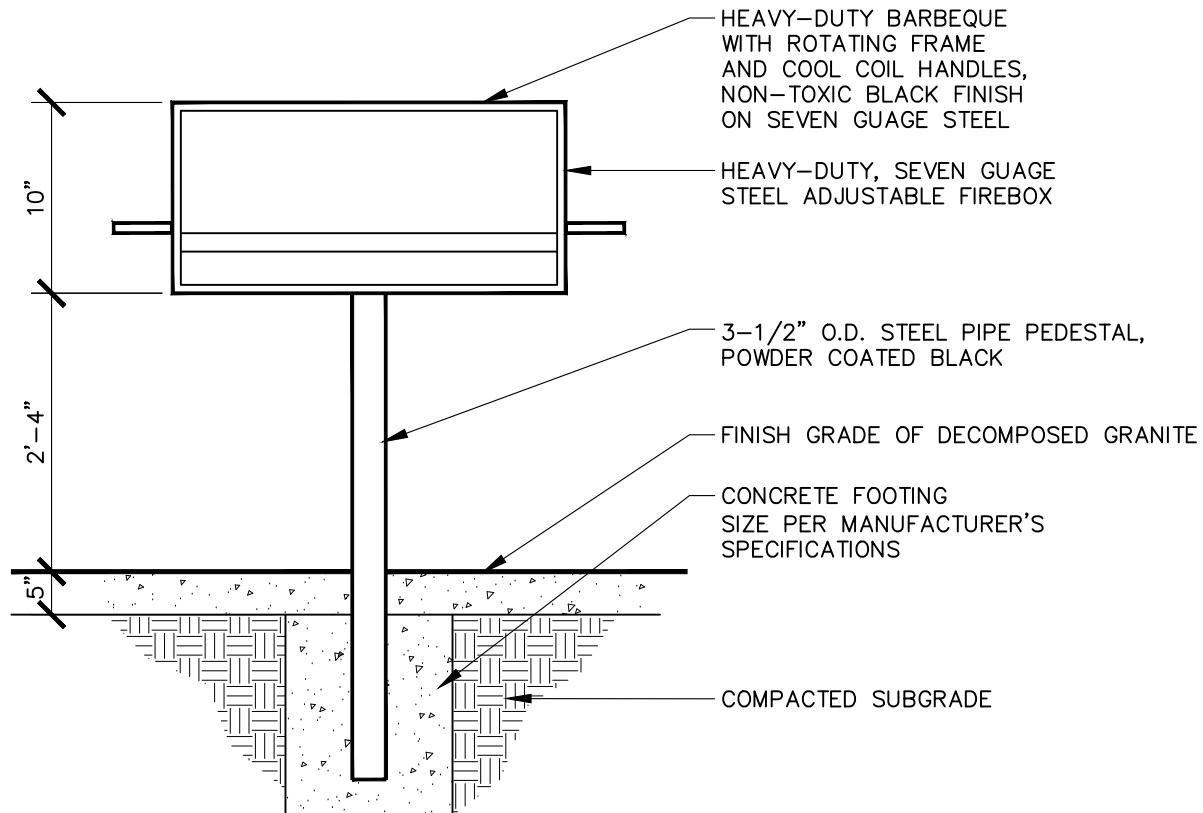
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TREES ON SLOPES

SCALE: NONE
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PK-21



NOTES

1. INSTALL FOOTING PER MANUFACTURER'S SPECIFICATIONS AND DETAILS.
2. SEE PROJECT SPECIFICATIONS FOR MODEL NUMBER AND TYPE.
3. LOCATE ADEQUATE DISTANCE FROM STRUCTURES AND TREES IN ORDER TO PREVENT THE POTENTIAL FOR CLIMBING.

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BARBEQUE

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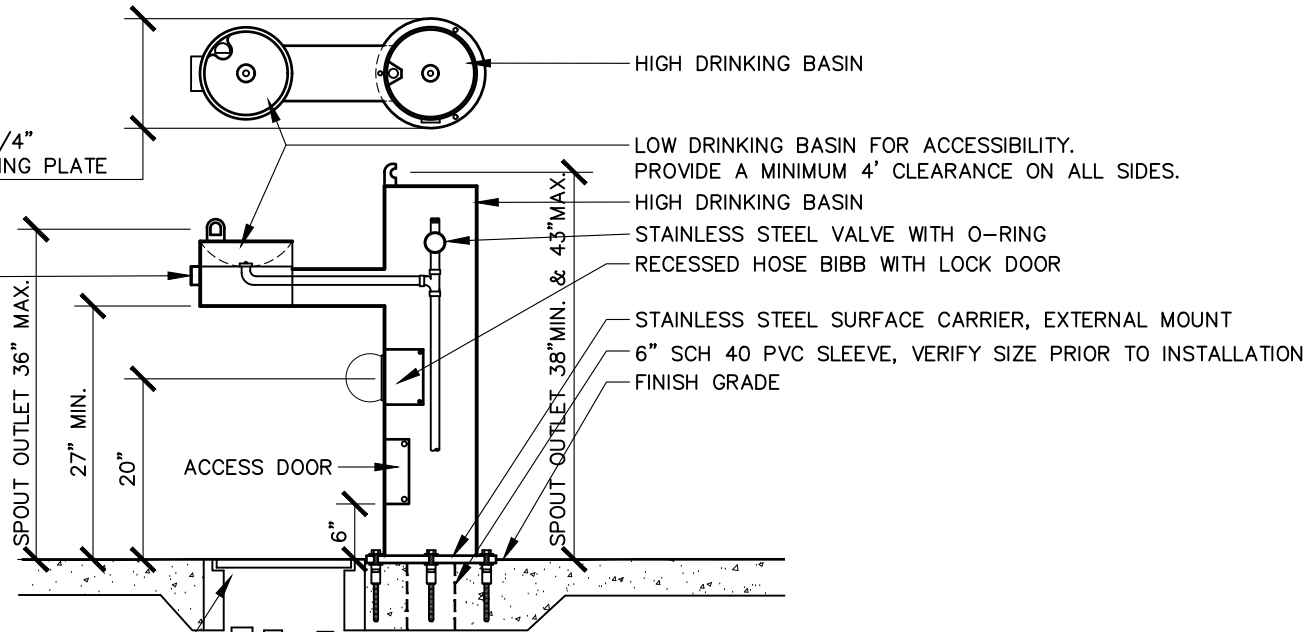
PK-22

PLAN

14 3/4"
O.D. MOUNTING PLATE

STAINLESS STEEL
VALVE WITH O-RING

SECTION



B-16 CONCRETE VALVE BOX
LEAD-FREE ANGLE GATE VALVE, LINE
SIZE. INSTALL SCH 40 PVC PIPE
FROM POINT OF CONNECTION TO
GATE VALVE AT DRINKING FOUNTAIN.
SCH 80 PVC OR COPPER SUPPLY
LINE, SIZE AS NOTED ON THE PLANS.
PLUGGED TEE, LINE SIZE. TEE TO BE
INSTALLED FACING UP.
WATER STRAINER, WRAP WITH INSULATION.
STAINLESS STEEL BRAID HOSE (LINE
SIZE) TO FOUNTAIN CONNECTION

VCP OR SDR-35,
PER PLAN

3" MIN. CONNECT TO SANITARY SEWER (SEE PLANS).
PROVIDE AND INSTALL P-TRAP.

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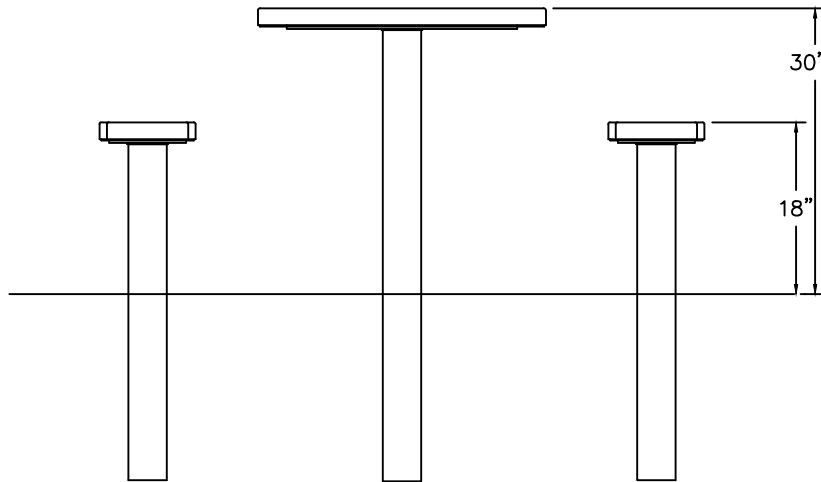
DRINKING FOUNTAIN

SCALE: NONE
REVISED: JULY 2023
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER

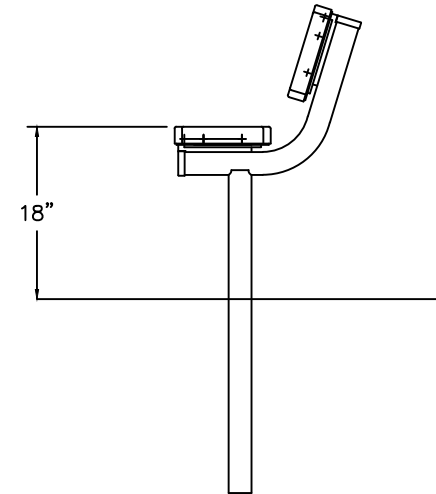
PK-23

NOTES

1. PROVIDE LINE SIZE TWO WAY CLEAN OUT EVERY 100' ON SANITARY SEWER LINE UPSTREAM OF Y.
2. 10" STAINLESS STEEL SURFACE CARRIER REQUIRED, EXTERNAL MOUNT.
3. FOUNTAIN BASE PER MANUFACTURER'S SPECIFICATIONS.
4. LOCATION OF DRINKING FOUNTAIN "ON" BUTTON AND LOCATION OF BOTTLE FILLER SPOUT (IF APPLICABLE) SHALL BE DETERMINED VIA THE SUBMITTAL PROCESS.
5. INCLUDE BOTTLE FILLER OPTION AS SHOWN ON PLANS/SPECIFICATIONS.
6. MAY DISCHARGE TO SUMP IN LIEU OF SEWER CONNECTION IF SHOWN ON PLANS.



TABLE



BENCH

NOTES

1. INSTALL FOOTINGS PER MANUFACTURERS RECOMMENDATIONS.
2. INSTALL PLUMB AND LEVEL.
3. INSTALLATION HEIGHTS:
 TABLE (TOP)– 28" MIN. – 34" MAX. PREFER 30" AT MID-POINT.
 –MAINTAIN 27" MIN. CLEAR SPACE TO BOTTOM OF TABLE
 BENCH (TOP)– 17" MIN. – 19" MAX. PREFER 18" AT MID-POINT.

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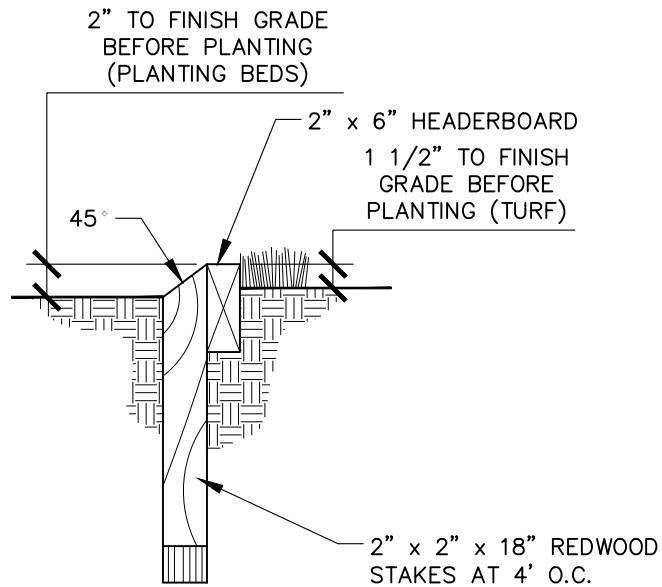


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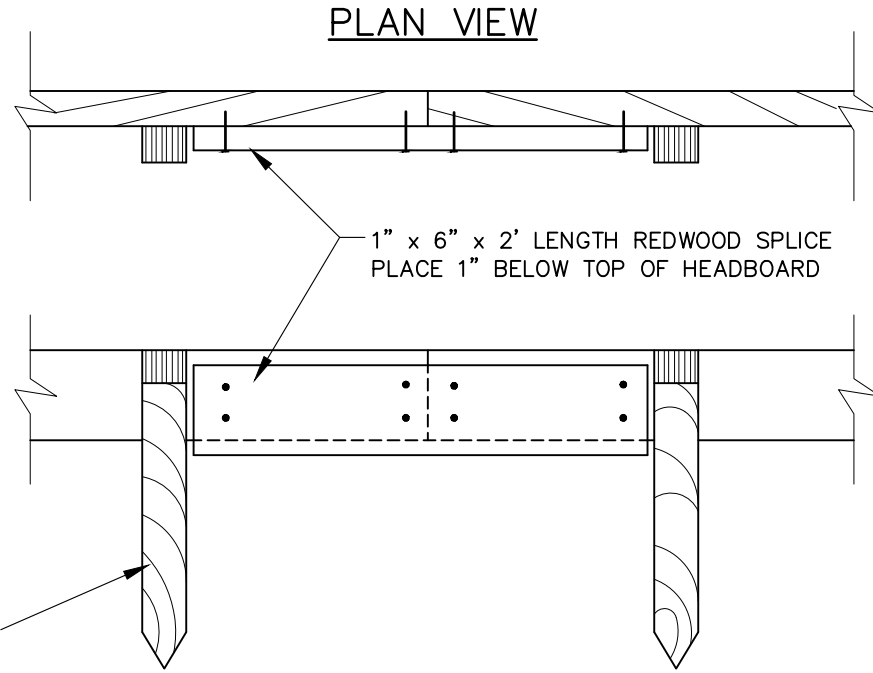
**PICNIC TABLE AND BENCH
 INSTALLATION HEIGHTS**

SCALE: NONE
 REVISED: JULY 2023
 REVIEWED BY: T. GEE
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PK-24



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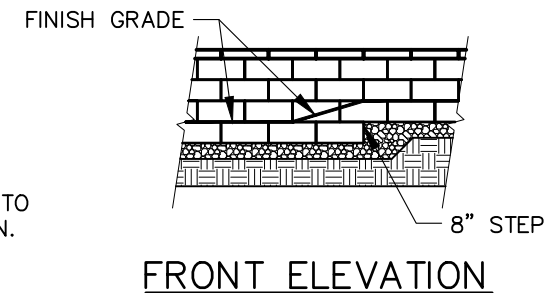
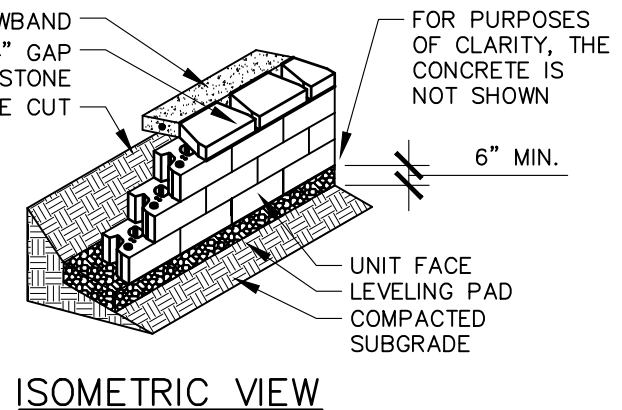
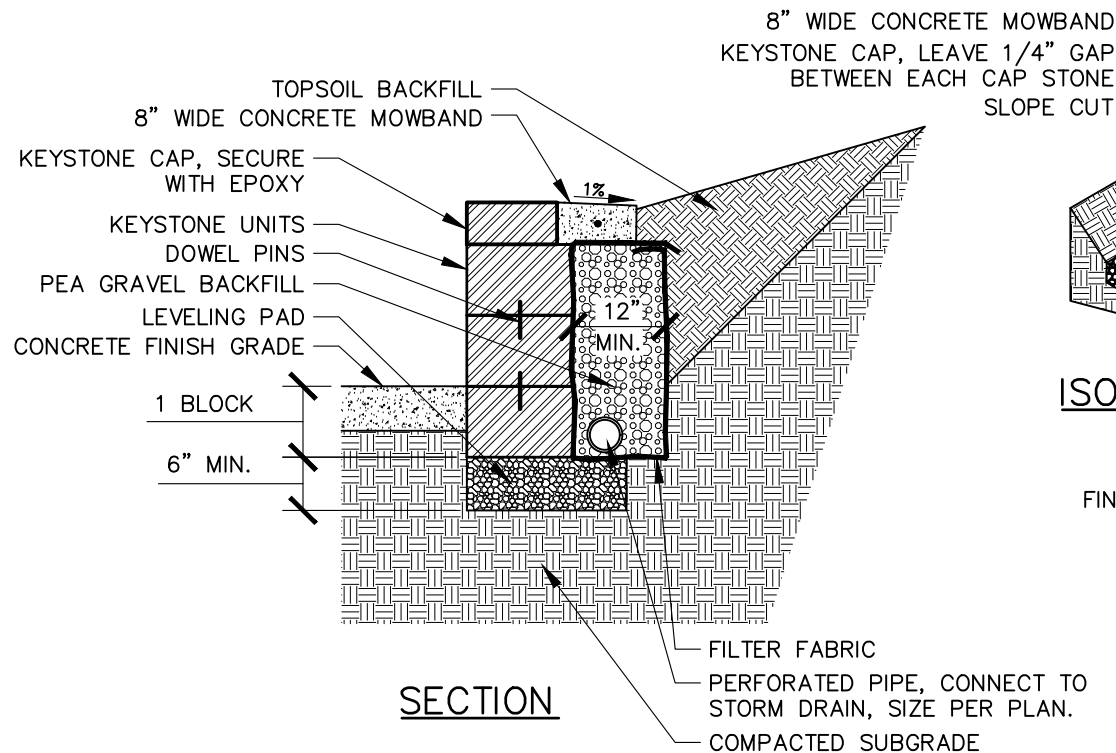
HEADER

SCALE: NONE
REVISED: JULY 2023
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER

PK-25

NOTES

1. USE TWO 1" x 6" REDWOOD ON ALL CURVES (WHERE NECESSARY).
2. INSTALL ALL STAKES AND SPLICES ON PLANTING SIDE OF HEADER BOARD.
3. ALL NAILS SHALL BE GALVANIZED.
4. ALL LUMBER SHALL BE REDWOOD, ROUGH CONSTRUCTION HEART GRADE IN ACCORDANCE TO CALIFORNIA REDWOOD ASSOCIATION GRADING RULES.
5. UTILIZE ONLY AS APPROVED BY CITY. DO NOT USE IN TURF OR PLANTED AREAS.



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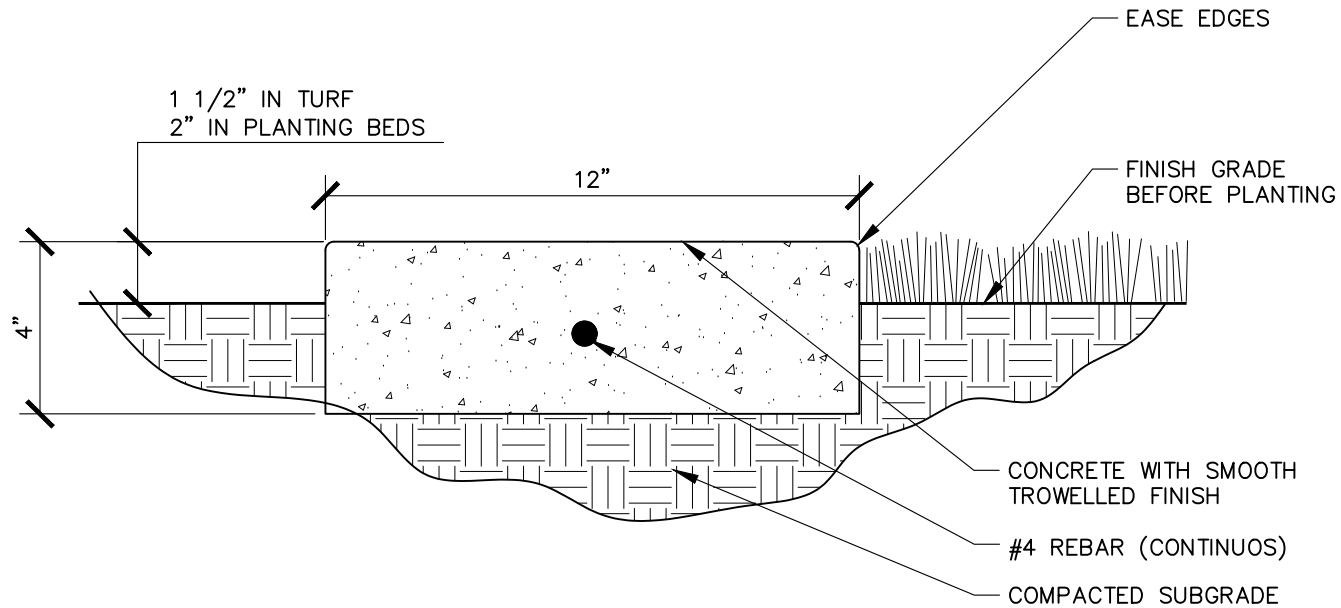
KEYSTONE SEAT WALL RETAINING WALL

SCALE: NONE
REVISED: JULY 2023
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER

PK-26

NOTES

1. KEYSTONE UNITS FOR THIS PROJECT SHALL BE COMPACT STRAIGHT FACE UNITS (18"W x 8"H x 12"D) AND MINICAP UNITS (18"W x 4"H x 10"D).
2. THE LEVELING PAD IS TO BE CONSTRUCTED OF COMPACTED CLASS II AGGREGATE BASE OR 2,000 PSI CONCRETE.
3. SUBGRADE COMPACTED TO A MINIMUM OF 95% RELATIVE DENSITY.
4. LEAVE NON-GROUTED GAP BETWEEN CAP STONES AT FRONT, GROUT AT BACK TO HOLD.
5. APPLY ANTI-GRAFFITI SEALANT TO ALL SURFACES. WALL NOT TO BE USED IN A PUBLIC RIGHT-OF-WAY.



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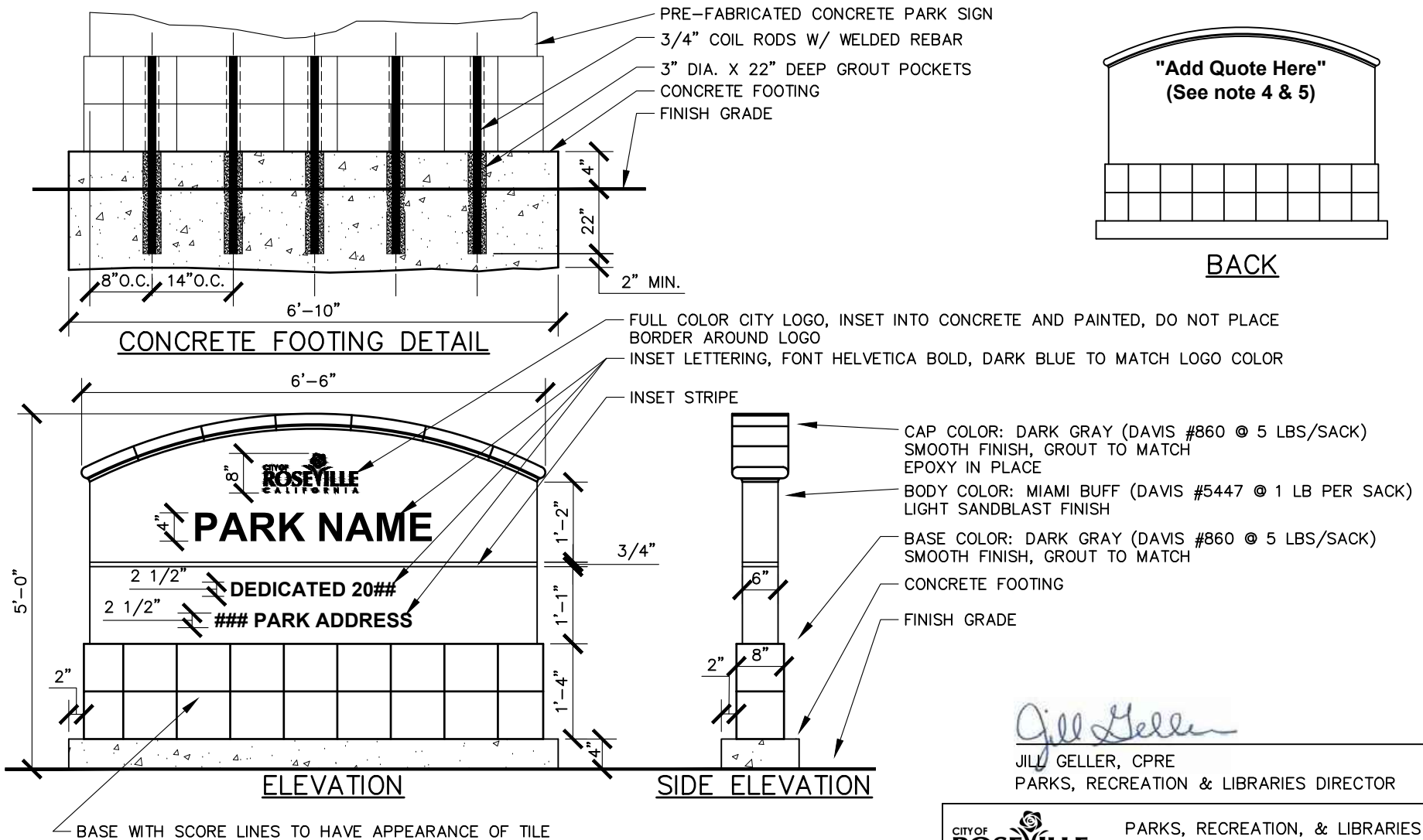
MOWBAND

SCALE: NONE
REVISED: JULY 2023
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER

PK-27

NOTES

- WHERE VEHICULAR SERVICE/MAINTENANCE TRAFFIC WILL CROSS MOWBANDS, CONCRETE SECTIONS SHALL BE THICKENED TO 6" (SELECT AREAS ONLY).
- PROVIDE 1/2" SCORE JOINTS AT 20' O.C.

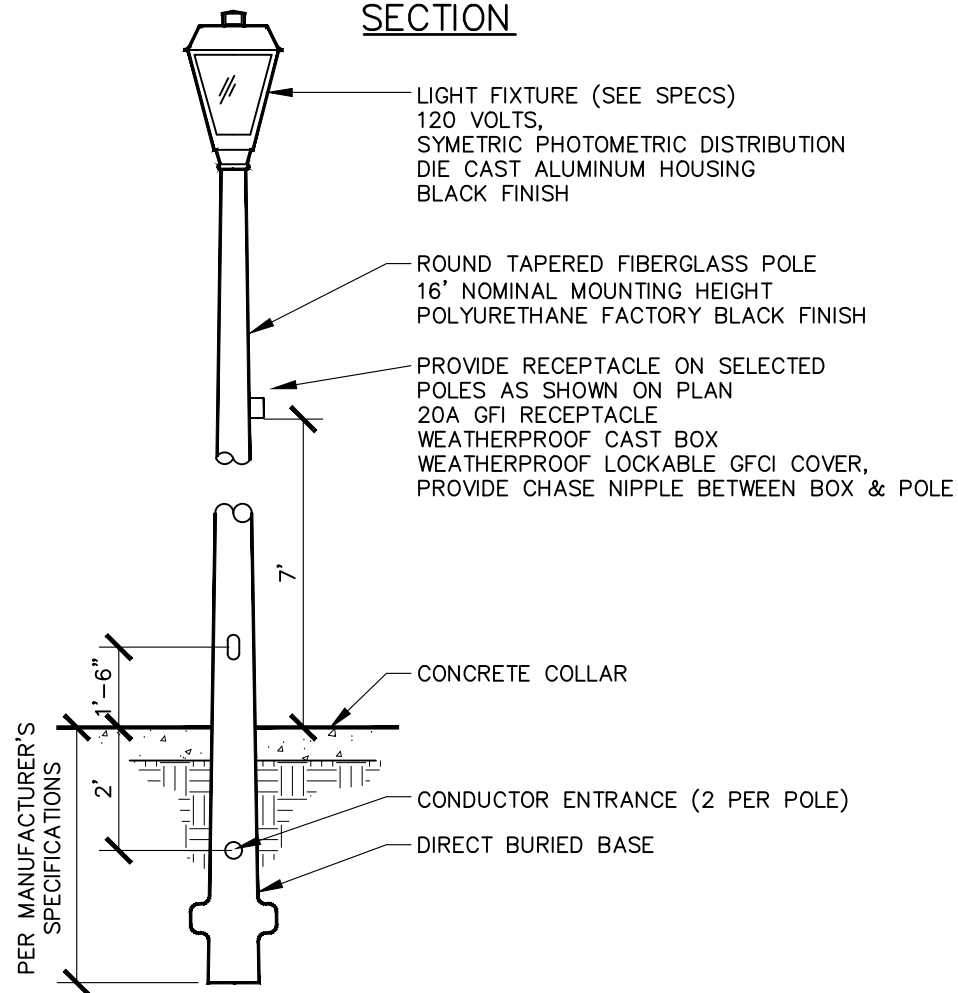


NOTES

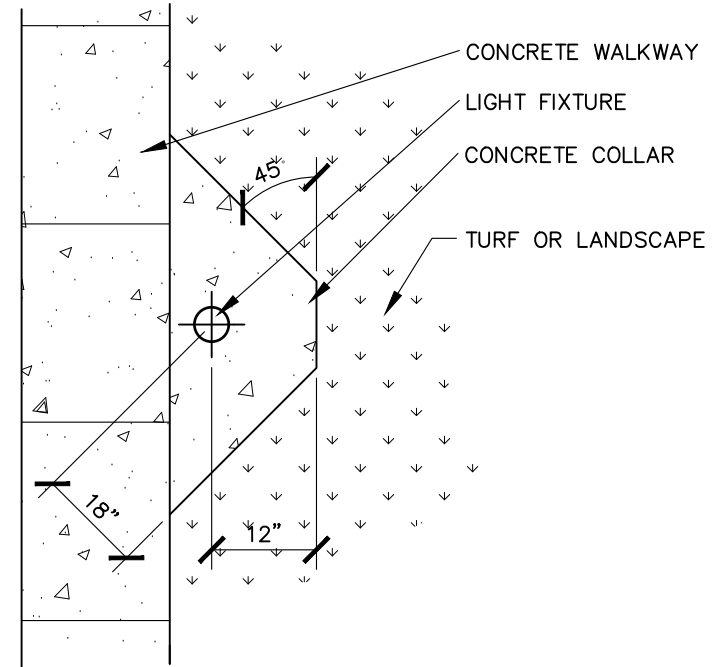
1. CONSULT PROJECT MANAGER FOR CITY OF ROSEVILLE LOGO SPECIFICATIONS.
2. SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO SIGN CONSTRUCTION.
3. CONSTRUCT CONCRETE FOOTING PER MANUFACTURER'S SPECIFICATIONS.
4. COORDINATE PARK NAME, DEDICATION YEAR, ADDRESS AND QUOTE ON BACK OF SIGN WITH PROJECT MANAGER PRIOR TO PLACING ORDER.
5. QUOTE ON BACK OF SIGN: INSET LETTERING, 2-1/2" TALL, FONT HELVETICA, DARK BLUE.

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PARK IDENTIFICATION SIGN	
SCALE: NONE REVISED: JULY 2023 REVIEWED BY: T. GEE APPROVED BY: J. GELLER	PK-28

SECTION



PLAN



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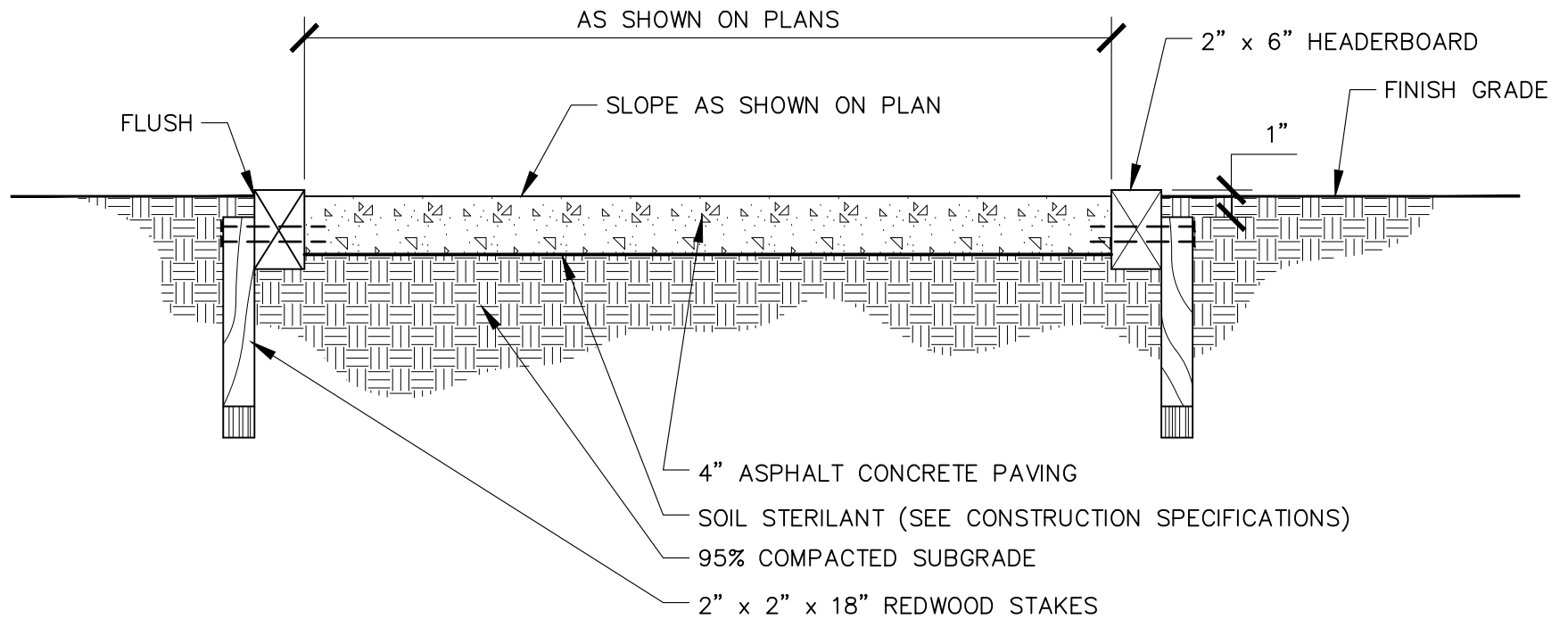
SECURITY LIGHT WITH CONCRETE COLLAR

SCALE: NONE
REVISED: JULY 2023
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER

PK-29

NOTES

1. INCLUDE MANUAL BYPASS IN POWER PEDESTAL FOR MANUAL OVERRIDE.
2. ALL LIGHTS TO BE LOCATED ADJACENT TO WALKWAYS.



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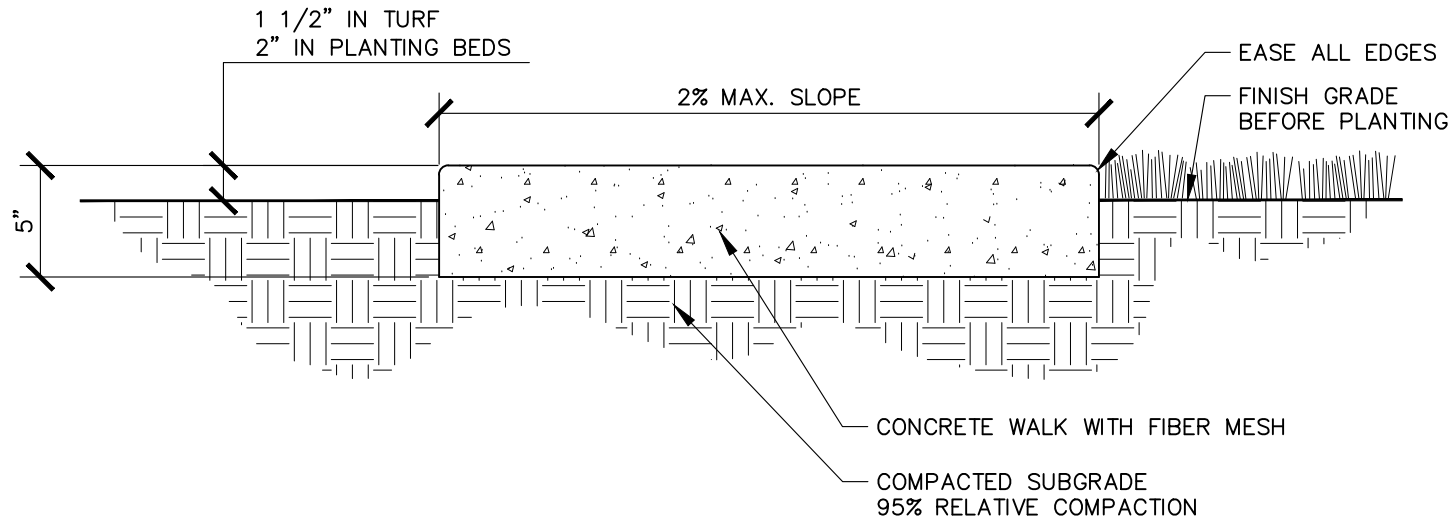
ASPHALT CONCRETE PAVING

SCALE: NONE
REVISED: JULY 2023
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER

PK-30

NOTES

1. HEADER BOARD SHALL BE REDWOOD, ROUGH, CONSTRUCTION HEART GRADE, IN ACCORDANCE TO CALIFORNIA REDWOOD ASSOCIATION GRADING RULES.
2. ALL NAILS SHALL BE GALVANIZED 16 PENNY.
3. TYPE A ASPHALT CONCRETE REQUIRED.



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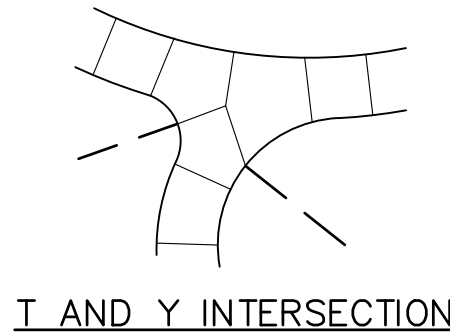
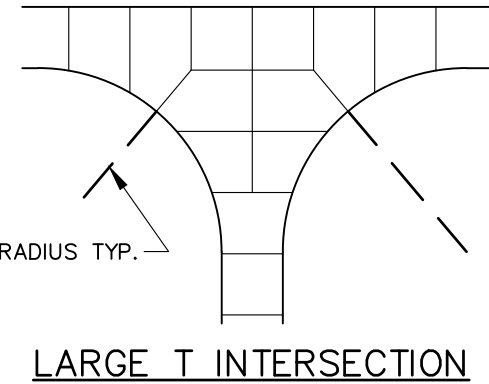
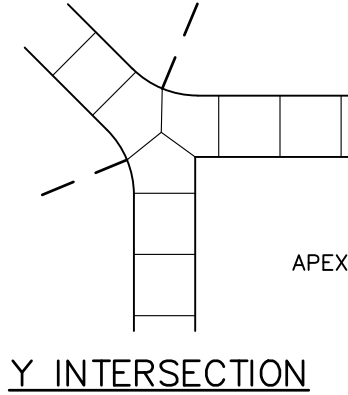
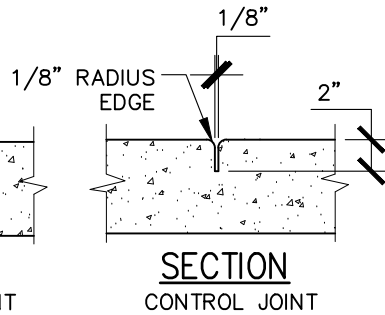
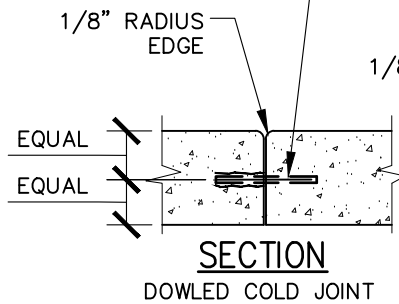
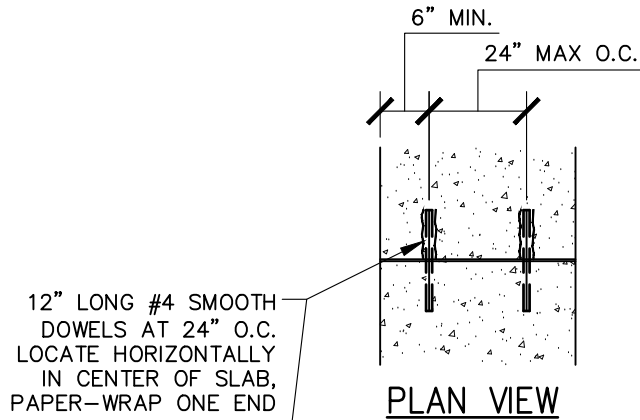
CONCRETE PAVING

SCALE: NONE
REVISED: JULY 2023
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER

PK-31

NOTES

1. PROVIDE CONROL JOINTS 2" DEEP AT INTERVALS THE WIDTH OF THE WALK.
2. CLASS "A" SIX SACK CONCRETE.
3. MEDIUM BROOM FINISH PERPENDICULAR TO PATH OF TRAVEL UNLESS OTHERWISE SPECIFIED.



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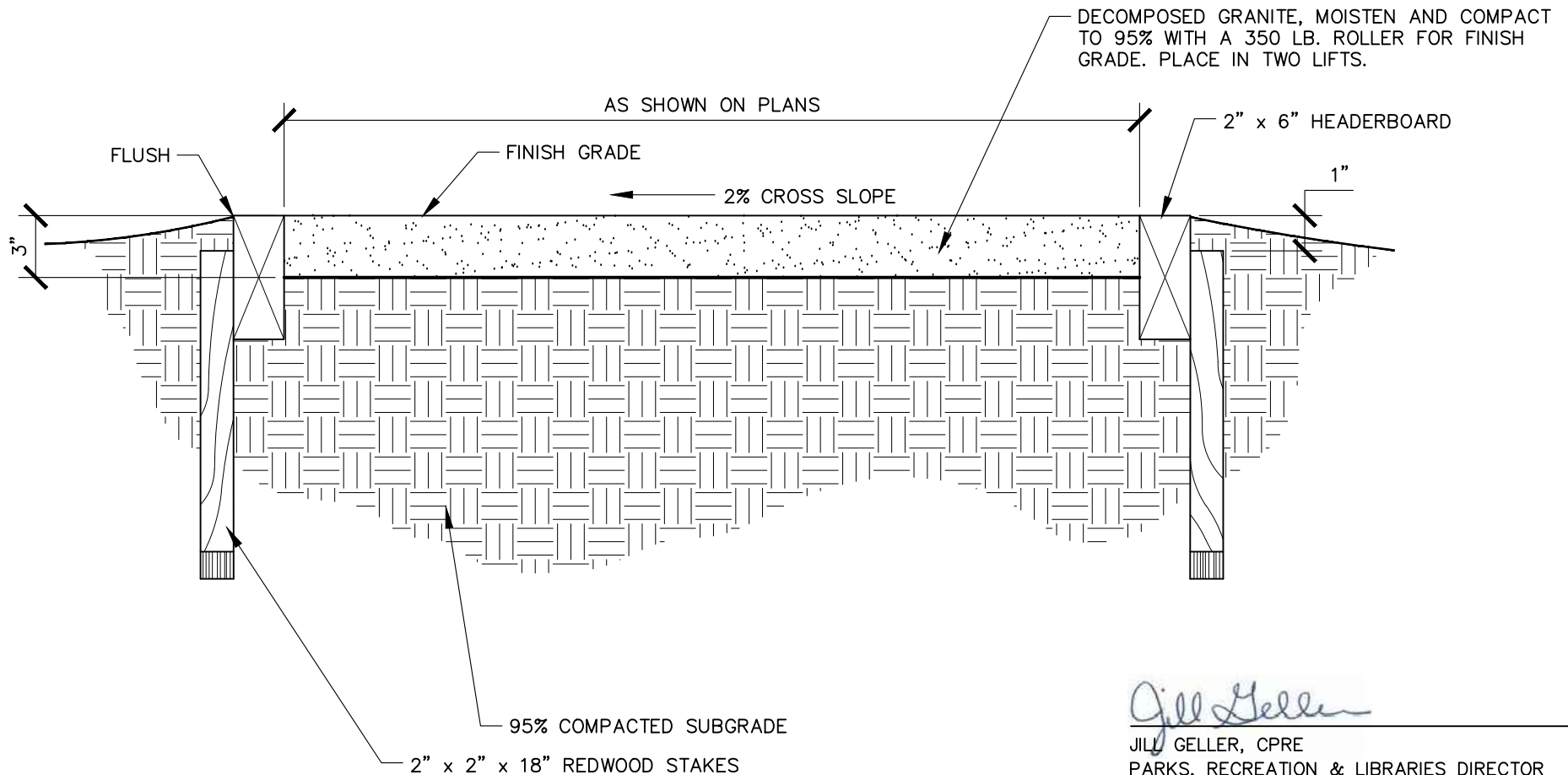
CONTROL JOINTS

SCALE: NONE
REVISED: JULY 2023
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER

PK-32

NOTES

1. CONTROL JOINTS SHALL NOT DIVIDE CONCRETE INTO SHAPES CONTAINING AN INTERIOR ANGLE OF 45 DEGREES OR LESS.
2. JOINTS SHALL BE SPACED EQUAL TO THE WIDTH OF THE PATH. EXAMPLE: A 10 FT. WIDE PATH SHALL HAVE JOINTS SPACED AT 10 FT. O.C.



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DECOMPOSED GRANITE PAVING

SCALE: NONE
REVISED: JULY 2023
REVIEWED BY: T. GEE
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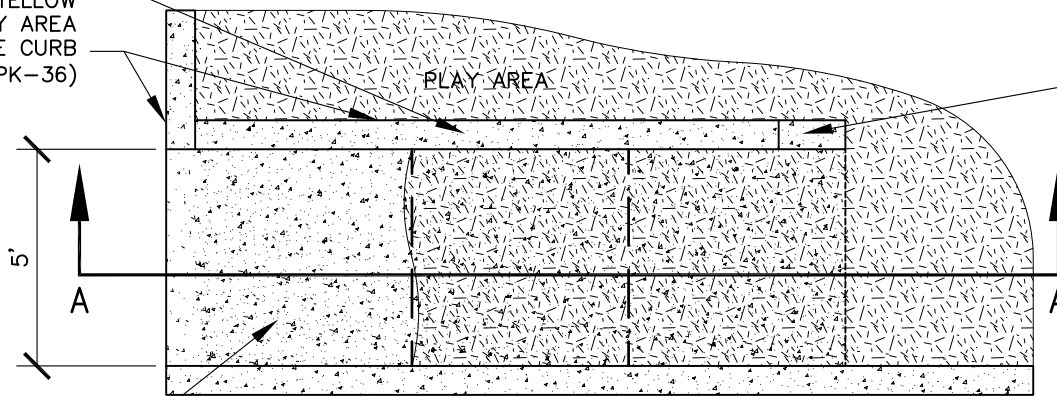
PK-33

NOTES

1. CONTRACTOR TO SUBMIT SAMPLE OF LIGHT TAN OR CALIFORNIA GOLD DECOMPOSED GRANITE FOR APPROVAL BY CITY.

PLAN VIEW

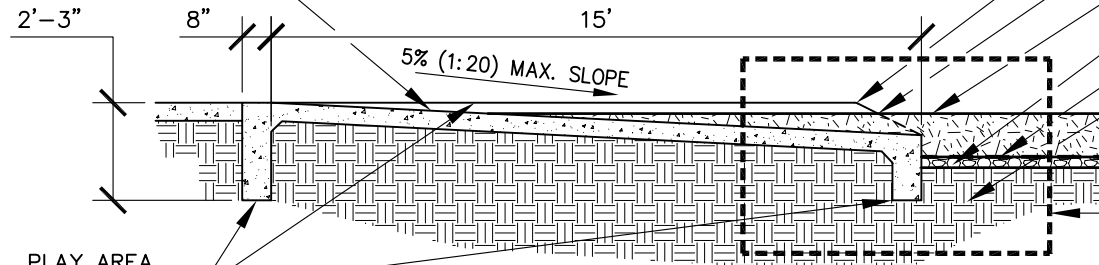
PAINT THIS CURB
YELLOW
PLAY AREA
CONCRETE CURB
(REFER TO PK-36)



TRANSITION CURB HEIGHT AT
2:1 SLOPE AT PATH TERMINUS

CONCRETE PAVING
(REFER TO PK-31)

SECTION A-A



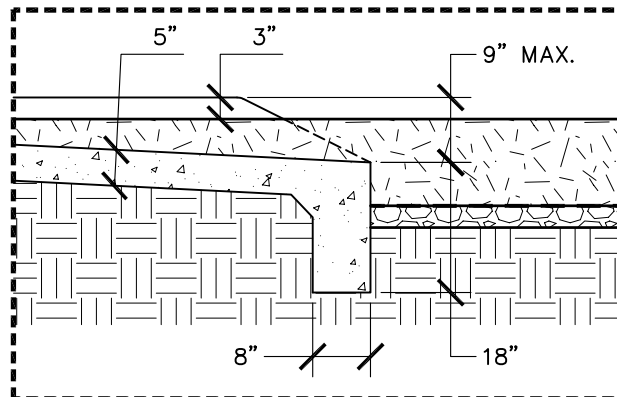
2" RADIUS ON ALL EXPOSED CURB EDGES
TRANSITION CURB HEIGHT AT
2:1 SLOPE AT PATH TERMINUS
ENGINEERED WOOD FIBER
3/4" DIA. CLEAN DRAIN ROCK
FILTER FABRIC
95% COMPACTED SUBGRADE

12"
3"

SEE ENLARGEMENT

PLAY AREA
CONCRETE CURB
(REFER TO PK-36)

ENLARGEMENT



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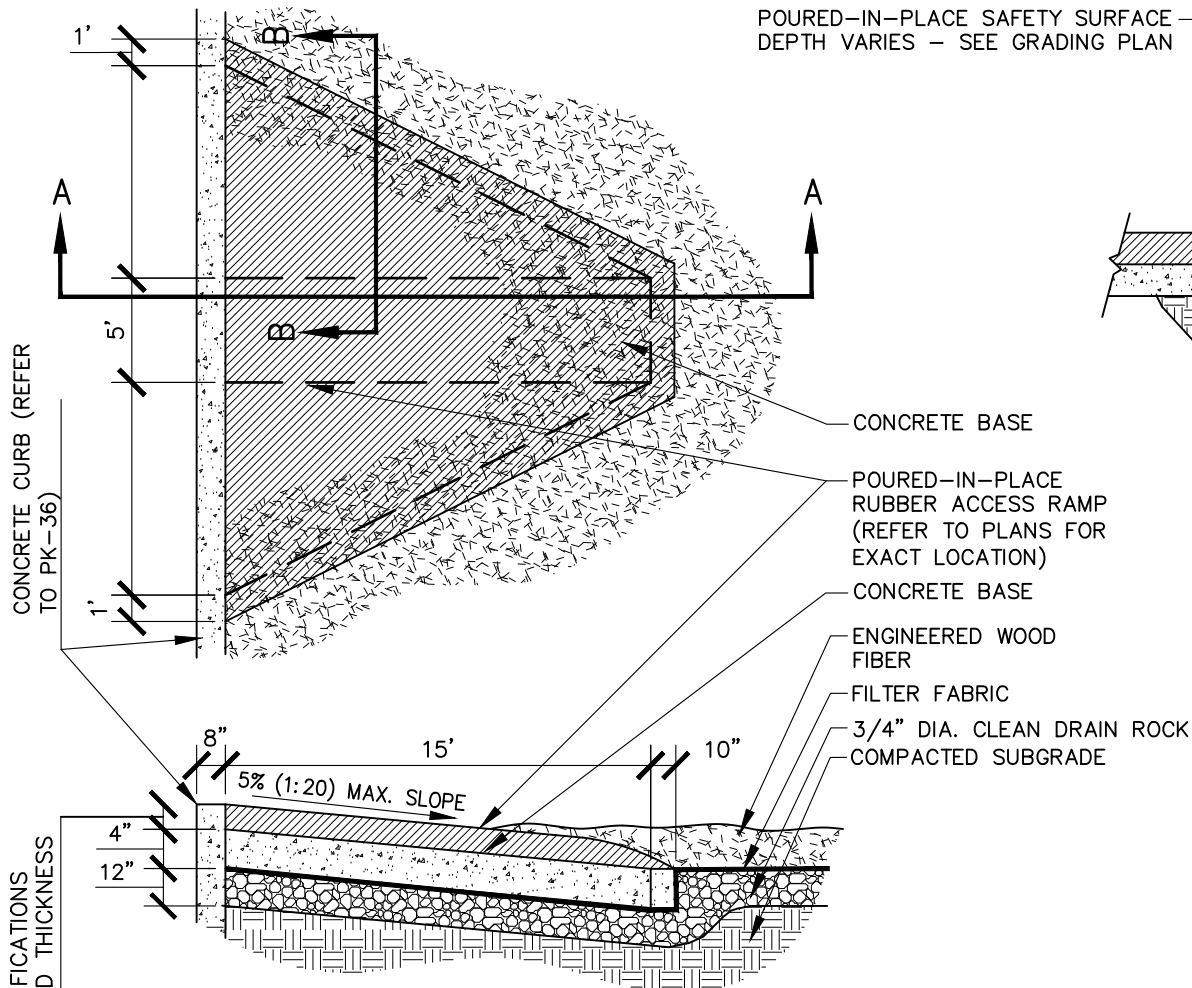
CITY OF
ROSEVILLE
CALIFORNIA

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DEPARTMENT

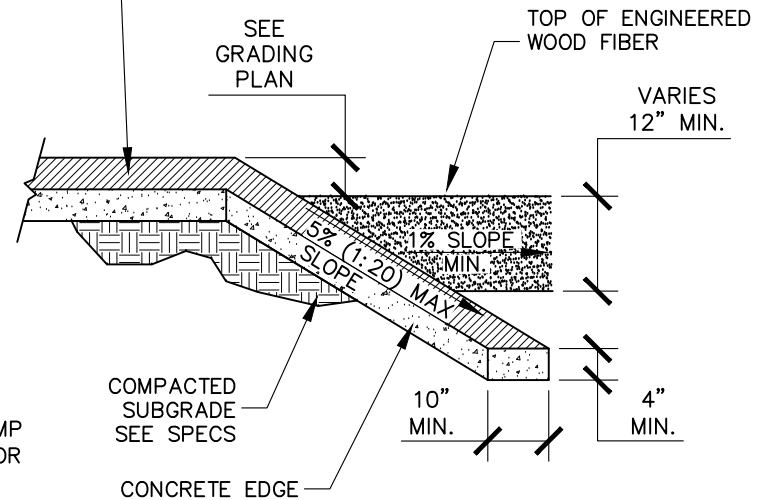
PLAY AREA
ACCESS RAMP "A"

SCALE: NONE
REVISED: JULY 2023
REVIEWED BY: T. GEE
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PK-34



SECTION A-A



SECTION B-B

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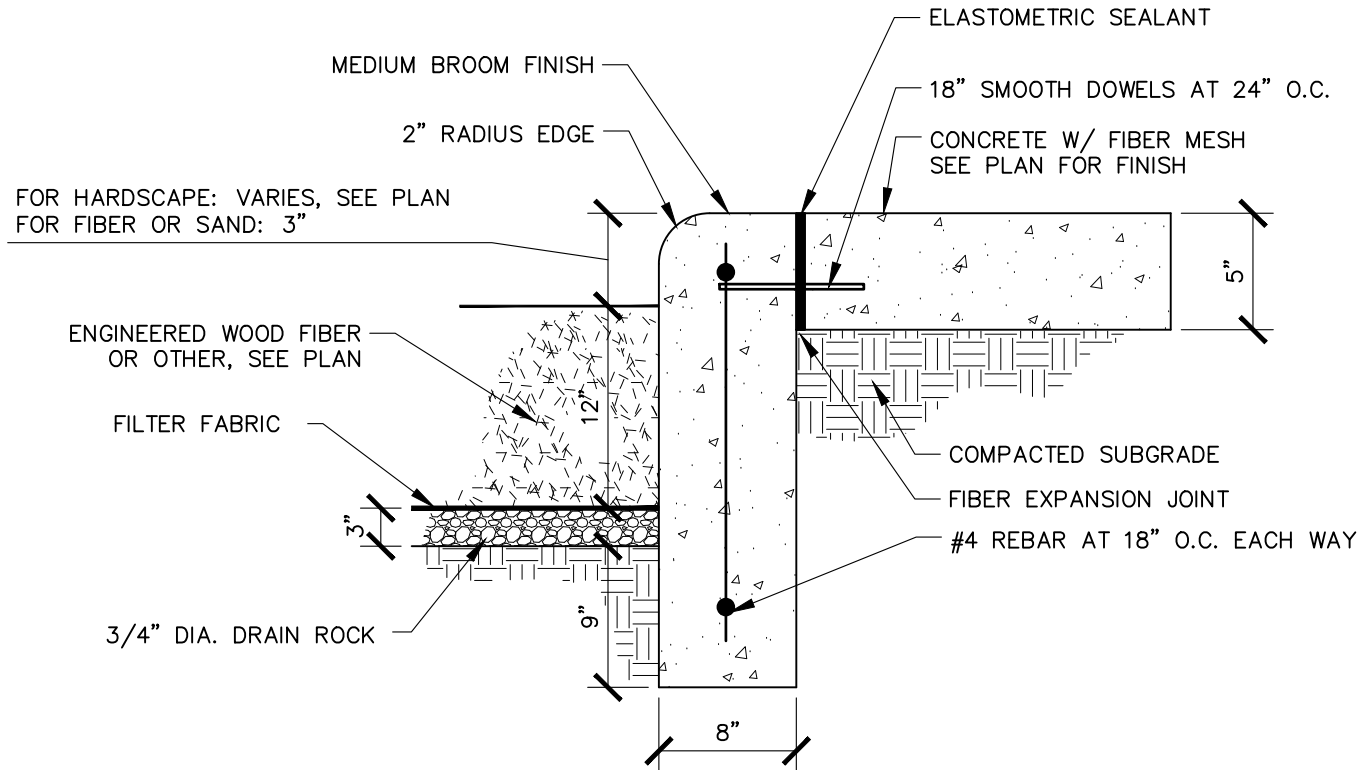
**PLAY AREA
ACCESS RAMP "B"**

SCALE: NONE
REVISED: JULY 2023
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER

PK-35

NOTES

1. INSTALL POURED-IN-PLACE SURFACING PER MANUFACTURER'S SPECIFICATIONS.



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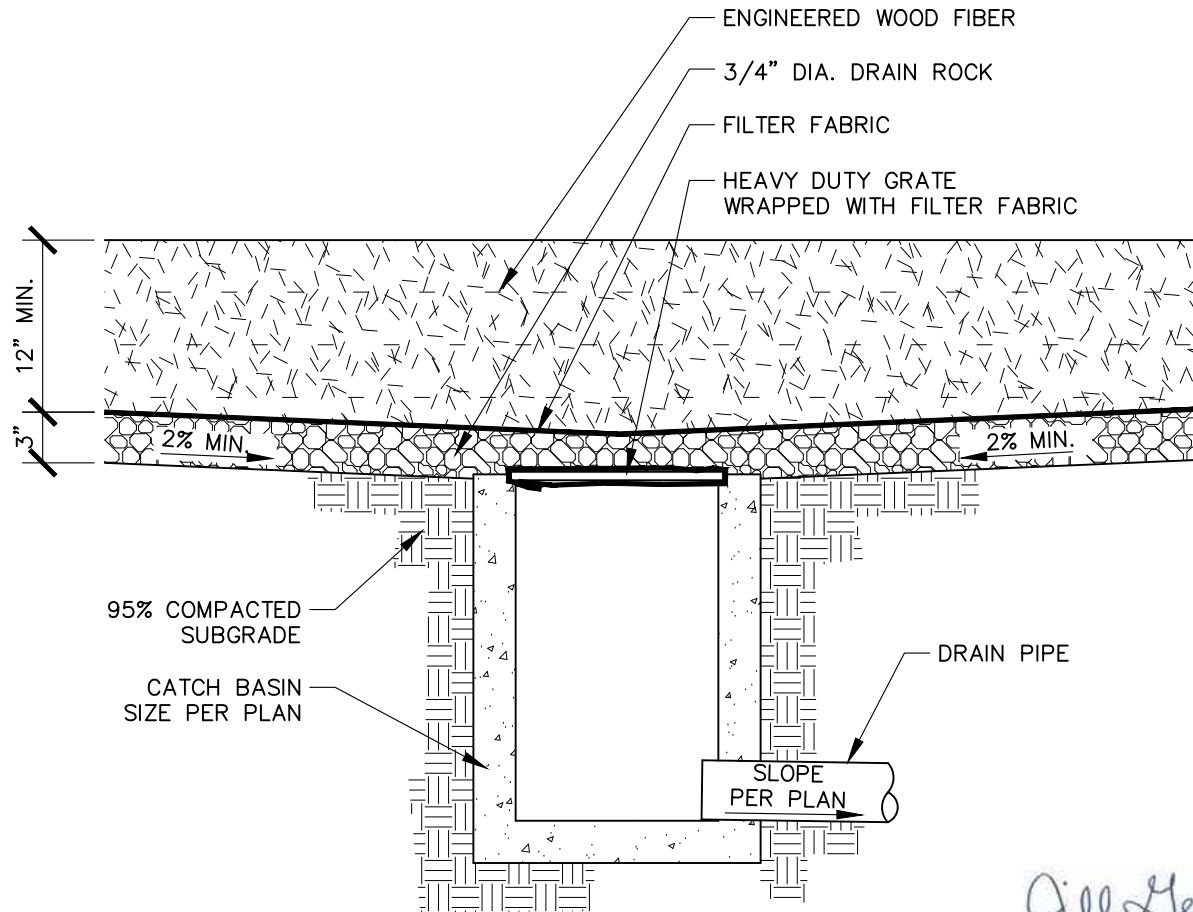
PLAY AREA CONCRETE CURB

SCALE: NONE
REVISED: JULY 2023
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER

PK-36

NOTES

1. INSTALL TYPE 3 CONCRETE CURB AND CONCRETE PAVING. PROVIDE 18" SMOOTH DOWELS AT 24" O.C.
2. PROVIDE VERTICAL SCORE JOINTS (1" DEEP) AT HORIZONTAL SCORE LINES. ALIGN WITH SIDEWALK.



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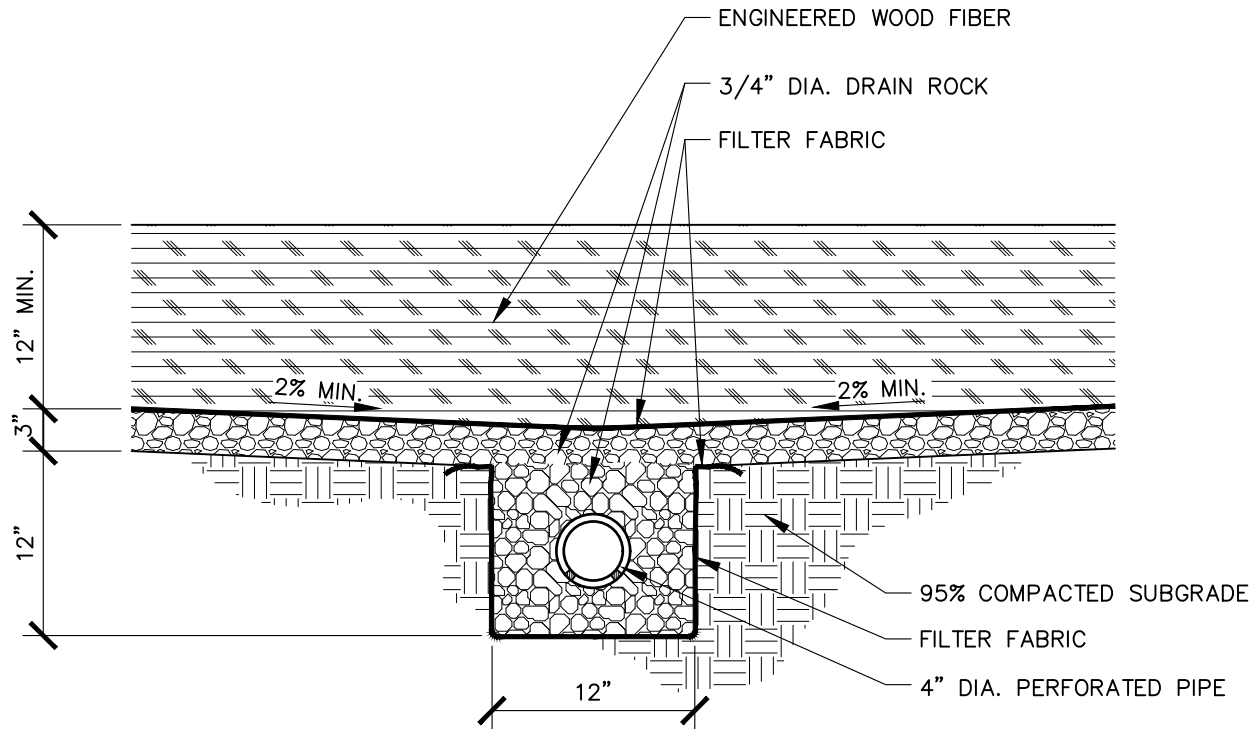


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PLAY AREA DRAIN

SCALE: NONE
REVISED: JULY 2023
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PK-37



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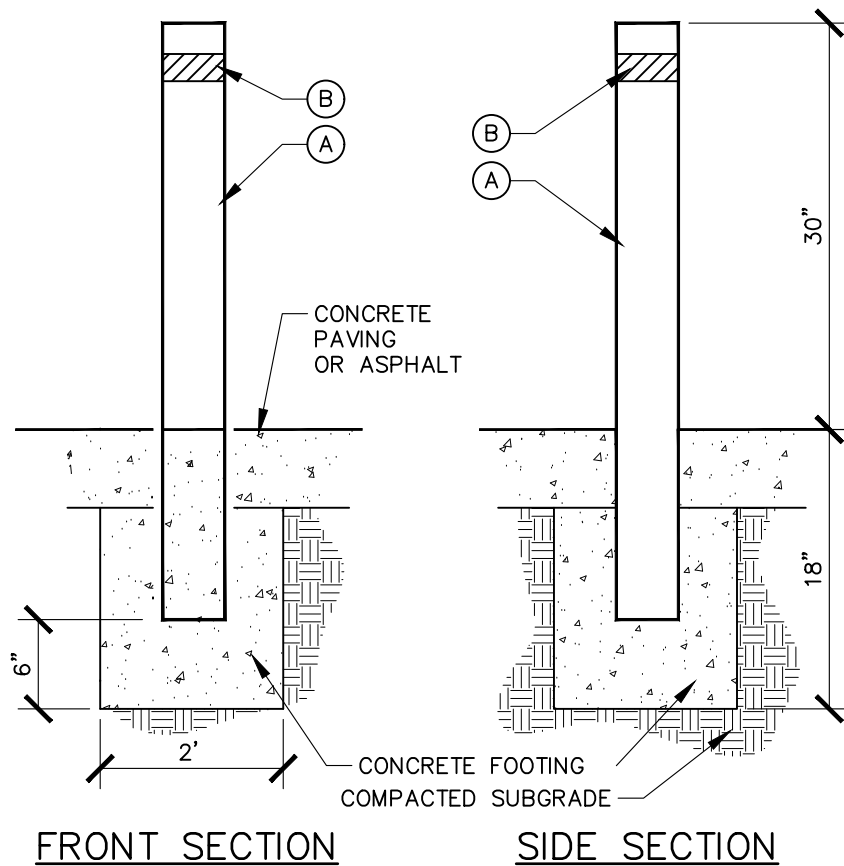
PLAY AREA PERFORATED PIPE DRAIN

SCALE: NONE
REVISED: JULY 2023
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER

PK-38

NOTES

1. PERFORATED PIPE SHALL BE LAID IN A HERRINGBONE PATTERN AND CONNECTED TO A DRAIN INLET.
2. LOCATE ALL CLEAN OUTS OUTSIDE PLAY AREA WITHIN PLANTING/TURF AREAS.



LEGEND

- A. 3 1/2" O.D. 1/4" WALL STEEL TUBE WITH CAP WELDED ON TOP.
EASE ALL EDGES OF STEEL TUBE.
- B. PLACE 2" WHITE REFLECTIVE TAPE.

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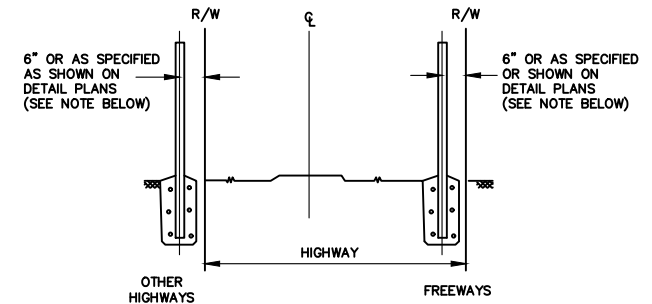
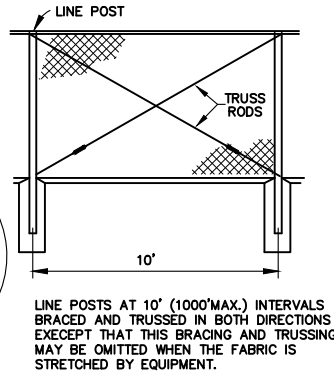
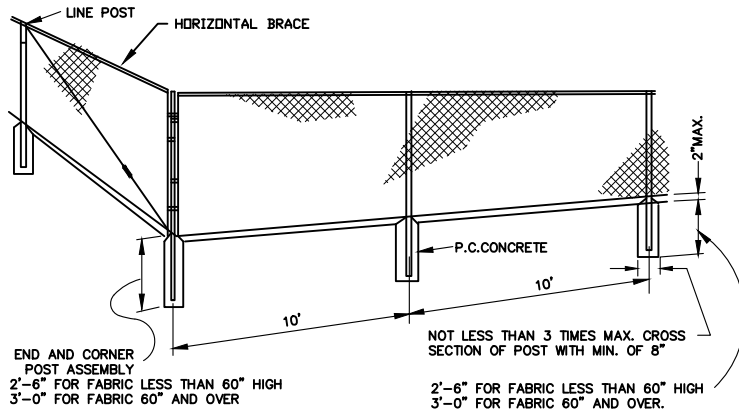
STATIONARY BOLLARD

SCALE: NONE
REVISED: JULY 2023
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER

PK-39

NOTES

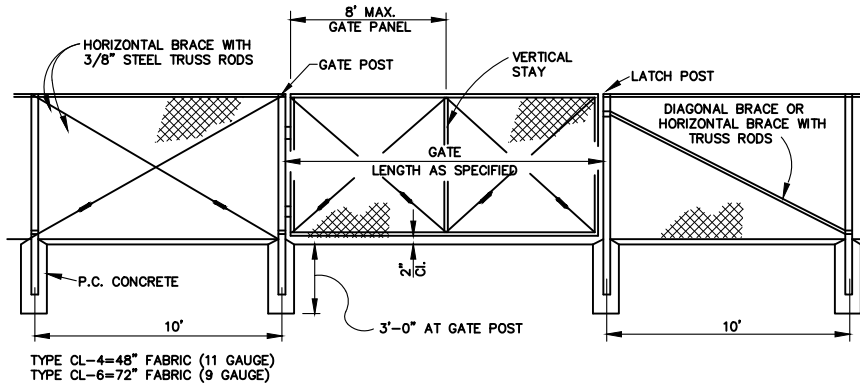
1. ALL TUBING SHALL BE BLACK STEEL PIPE.
2. ALL JOINTS SHALL BE WELDED IN ACCORDANCE WITH CA STATE STANDARD SPECIFICATIONS FOR WELDING STRUCTURAL STEEL AND GROUND SMOOTH.
3. ALL PARTS SHALL BE PAINTED WITH TWO COATS ZINC CHROMATE PRIMER AND TWO COATS EXTERIOR ENAMEL. COLOR: YELLOW








NOTES

1. OFFSET TO BE 2'-0" AT MONUMENT LOCATIONS, MEASURED AT RIGHT ANGLES TO R/W LINES. TAPER TO ACHIEVE OFFSET TO BE AT LEAST 20' LONG.

FENCE LOCATION



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	
						 				
6"AND LESS	1-1/2"	1-7/8" X 1-5/8"	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"
OVER 6"	2"	2-1/4" X 2"	2" X 1-3/4"	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.
3. OTHER SECTIONS WHICH COMPLY WITH THE STRENGTH REQUIREMENTS AND OTHER PROVISIONS OF THE SPECIFICATIONS MAY BE USED ON APPROVAL OF THE ENGINEER.
4. OPTIONS EXERCISED SHALL BE UNIFORM ON ANY ONE PROJECT.
5. DIMENSIONS SHOWN ARE NOMINAL.

GATE POST

FENCE HEIGHT	GATE WIDTHS	NOMINAL I.D.	WEIGHT PER FOOT	FENCE HEIGHT	GATE WIDTHS	NOMINAL I.D.	WEIGHT PER FOOT
6'-0" AND LESS	UP THRU 6'	2-1/2"	4.95	OVER 6'	UP THRU 6'	3"	7.58
	OVER 6' THRU 12'	4"	10.79		OVER 6' THRU 12'	5"	14.62
	OVER 12' THRU 18'	5"	14.62		OVER 12' THRU 18'	6"	18.97
	OVER 18' TO 24' MAX.	6"	18.97		OVER 18' TO 24' MAX.	8"	28.55

NOTES

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

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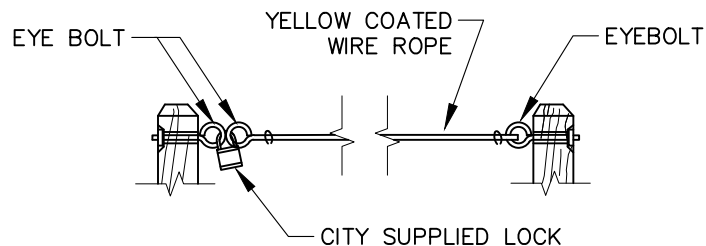


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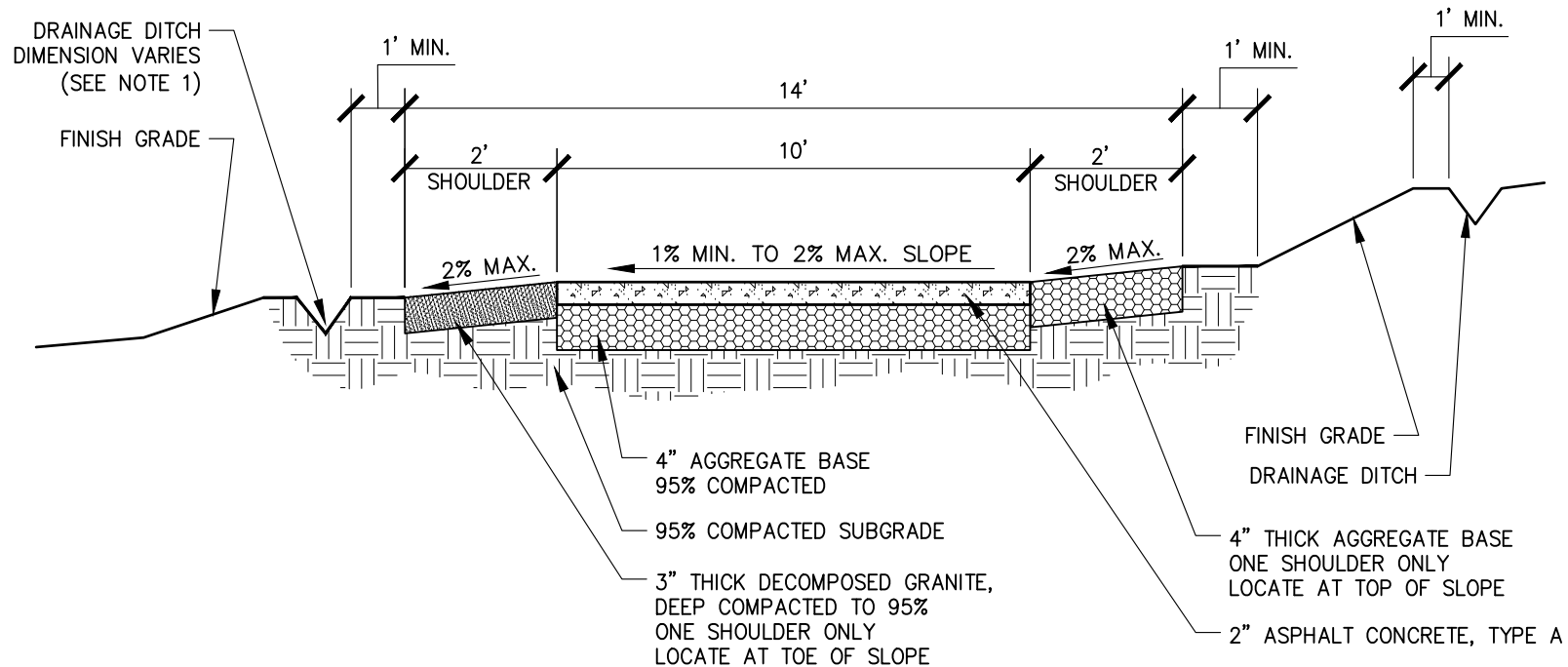
CHAIN LINK FENCE

SCALE: NONE
REVISED: JULY 2023
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER

PK-40



1. PROVIDE CONCRETE FOOTINGS AT ALL END POSTS, AT ALL BENDS AND AS SPECIFIED ON APPROVED PLANS.
2. USE 3/8" x 2" GALVANIZED WIRE ROPE CLIPS FOR CONNECTIONS AND SPLICES. ALL CLIPS SHALL BE PLACED WITH NUTS FACING DOWNWARD.
3. FOR FIRE ACCESS POINTS, USE YELLOW PVC COATED CABLE.
4. WHERE REQUIRED, USE WHITE PVC COATED CABLE IN LIEU OF GALVANIZED CABLE EXCEPT IN FIRE ACCESS LOCATIONS.
5. DO NOT INSTALL IN TURF AREAS.



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NOTES

- BIKE PATHS CONSTRUCTED WITHIN CUT-SLOPES SHALL HAVE A DRAINAGE DITCH OF SUITABLE DIMENSIONS ALONG THE UPHILL SIDE TO INTERCEPT THE HILLSIDE DRAINAGE. BIKE PATHS CONSTRUCTED ON TOP OF FILL SLOPES SHALL HAVE A DRAINAGE DITCH OF SUITABLE DIMENSIONS ALONG THE DOWNHILL SIDE TO INTERCEPT THE TRAIL'S DRAINAGE.
- MAXIMUM SLOPE RATE FOR CUT AND FILL SLOPES SHALL BE PER THE RECOMMENDATIONS OF A LICENSED GEOTECHNICAL ENGINEER. IN LOCATIONS ADJACENT TO CREEKS, DITCHES, OR DOWN-SLOPES GREATER THAN 3 FEET HORIZONTAL TO 1 FOOT VERTICAL, A MINIMUM SHOULDER WIDTH OF 5 FEET FROM THE EDGE OF PAVEMENT TO THE TOP OF SLOPE IS REQUIRED.
- STRUCTURAL SECTION SHALL BE CAPABLE OF SUPPORTING A MINIMUM GROSS VEHICULAR WEIGHT OF 30,000 POUNDS. IF SOILS ANALYSIS IDENTIFIES AN R-VALUE LESS THAN 20, THE STRUCTURAL SECTION SHALL BE MODIFIED AS NECESSARY TO SUPPORT 30,000 POUNDS.

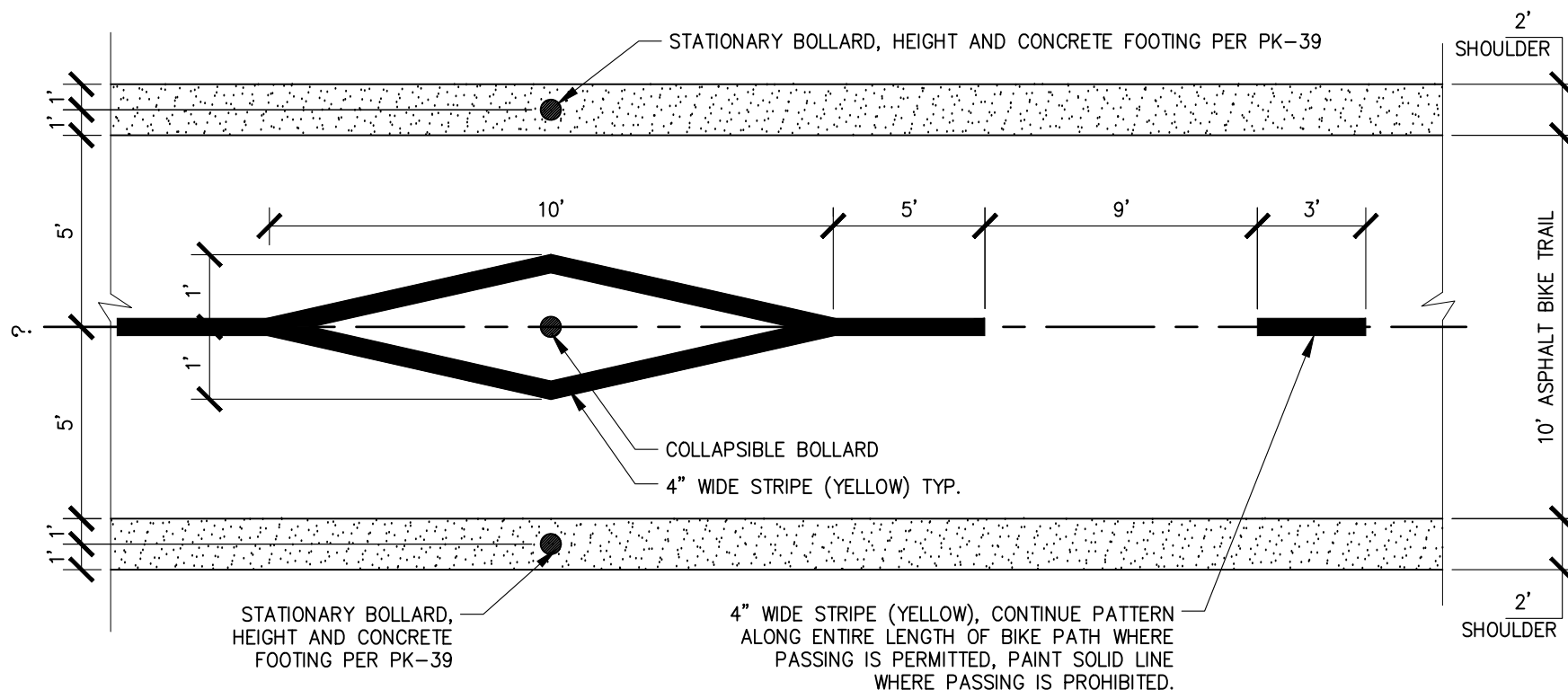


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BIKE TRAIL SECTION

SCALE: NONE
REVISED: JULY 2023
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER

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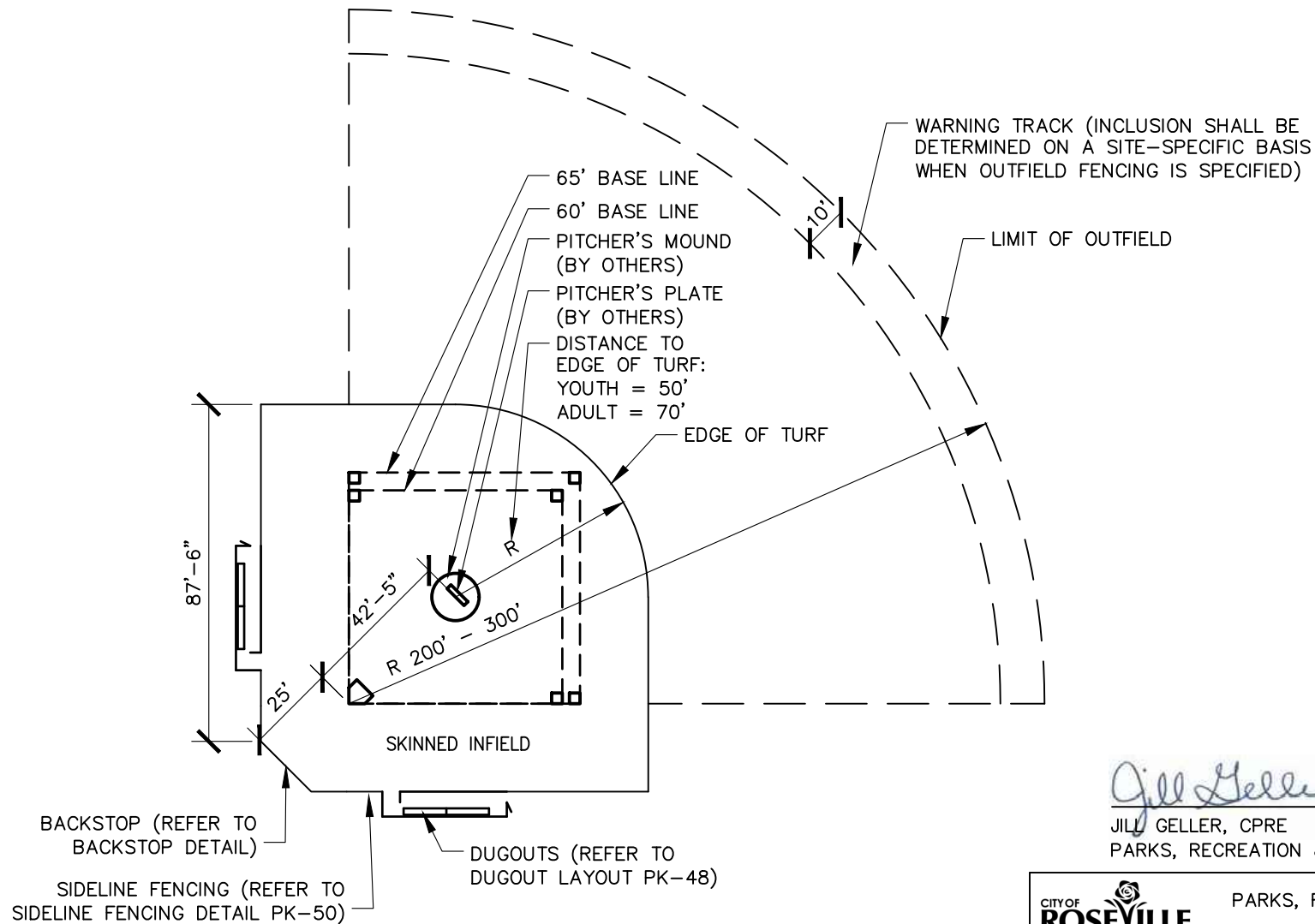
NOTES

1. ALL STRIPING AND PAVEMENT MARKINGS SHALL BE CONSTRUCTED WITH PAINT PER CALTRANS STANDARD SPECIFICATIONS SECTION 84-3.
2. BOLLARD STRIPING SHALL CONFORM WITH CALTRANS HIGHWAY DESIGN MANUAL, SECTION 1003.1.15 AND THE CALIFORNIA MUTCD SECTION 9C.101.
3. INSTALL RETROREFLECTIVE MARKERS ON ALL BOLLARDS PER CALIFORNIA MUTCD SECTION 9C.101.
4. LOCATE BOLLARDS 20 FEET FROM FACE OF CURB/EDGE OF TRAVEL WAY OR AS APPROVED.
5. A SITE SPECIFIC REVIEW IS REQUIRED TO DETERMINE IF PHYSICAL BARRIERS ARE REQUIRED ADJACENT TO THE STATIONARY BOLLARDS TO FURTHER DETER VEHICLE ACCESS.

BIKE TRAIL STRIPING

SCALE: NONE
REVISED: JULY 2023
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER

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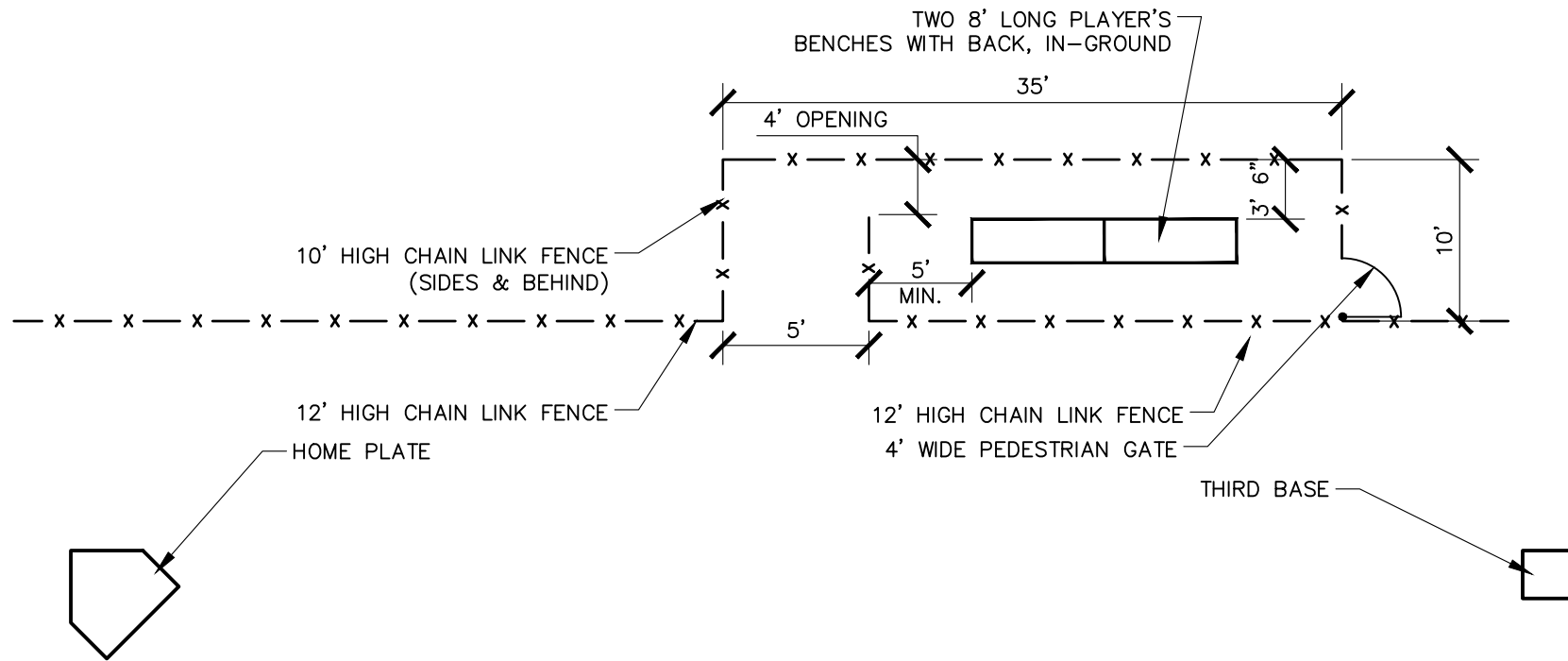
BALL FIELD LAYOUT

SCALE: NONE
REVISED: JULY 2023
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER

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NOTES

1. ALL AREAS MUST DRAIN AWAY FROM INFIELD.
2. LENGTH OF SIDELINE FENCING SHALL BE DETERMINED ON A PROJECT-BY-PROJECT BASIS.
3. PITCHER'S MOUND, PITCHER'S PLATE, AND BASES TO BE SUPPLIED BY OTHERS.
4. 6" MINIMUM DEPTH OF INFIELD MIX.



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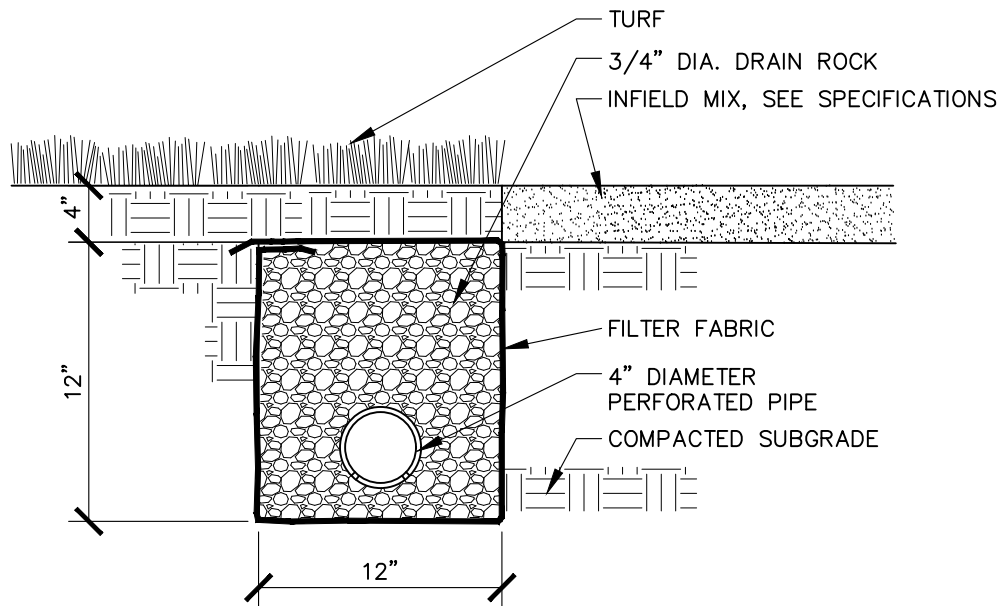


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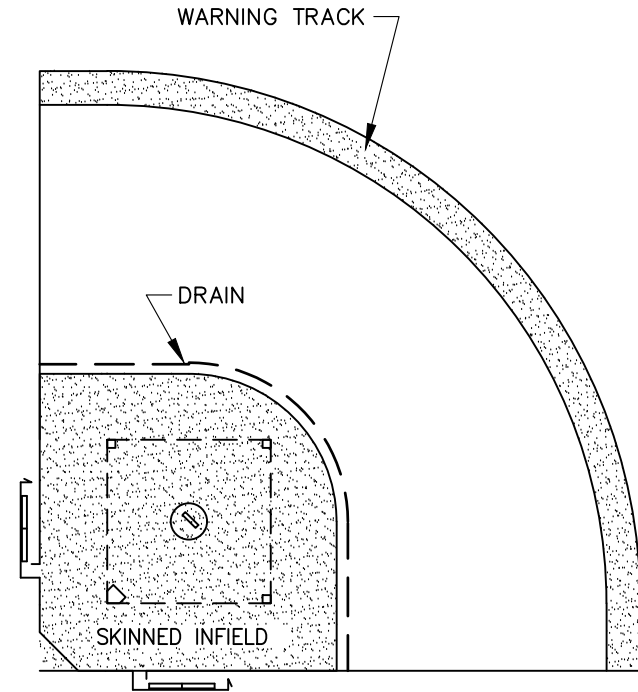
DUGOUT LAYOUT

SCALE: NONE
REVISED: JULY 2023
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER

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SECTION



PLAN

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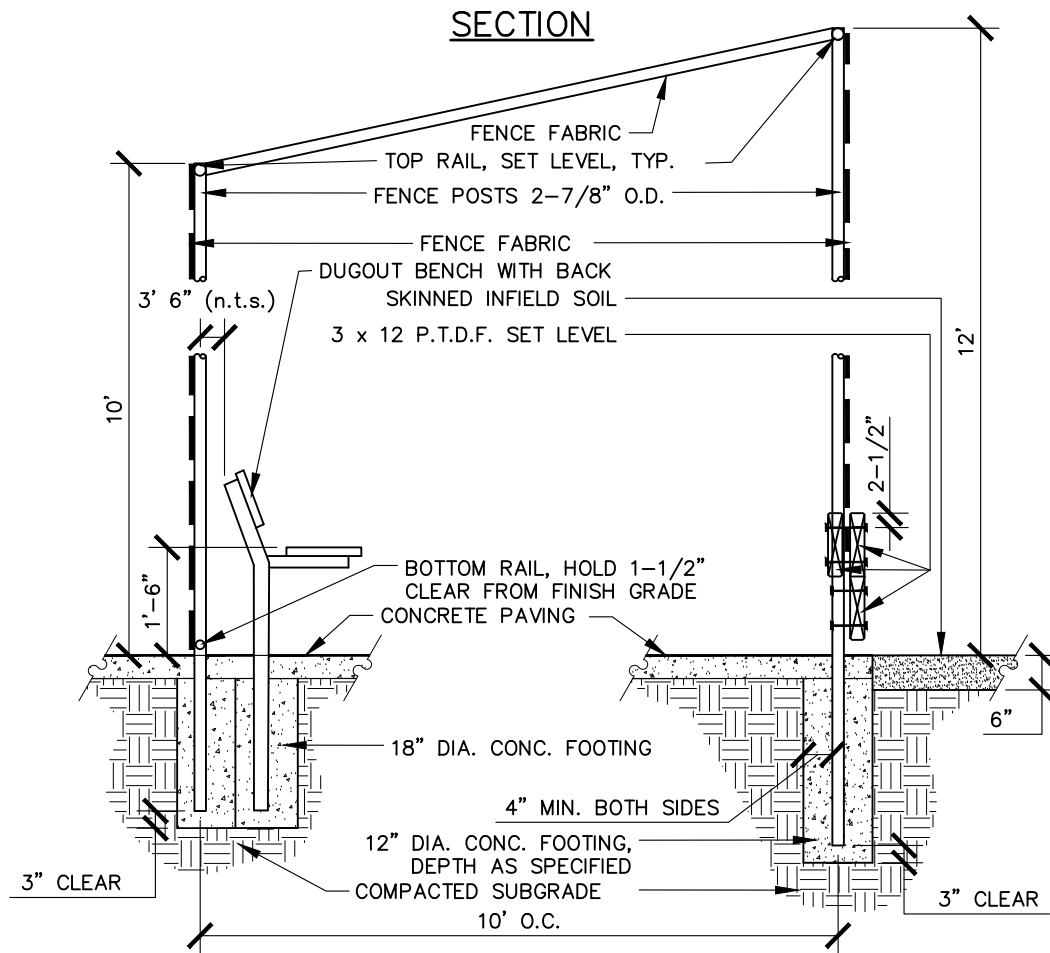
INFIELD EDGE DRAIN AND WARNING TRACK

SCALE: NONE
REVISED: JULY 2023
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER

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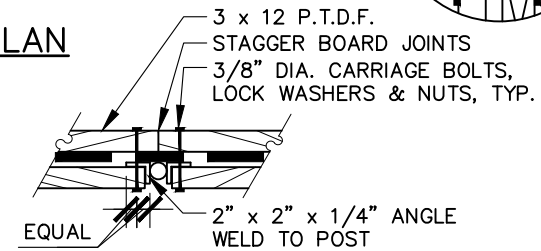
NOTES

1. INSTALL FILTER FABRIC TO LINE THE ENTIRE TRENCH, INCLUDING THE TOP.
2. CONNECT DRAIN TO STORM DRAIN SYSTEM.

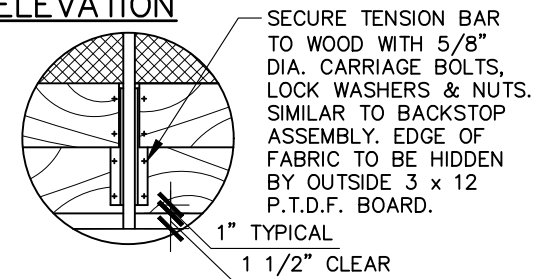


ENLARGEMENT

PLAN



ELEVATION



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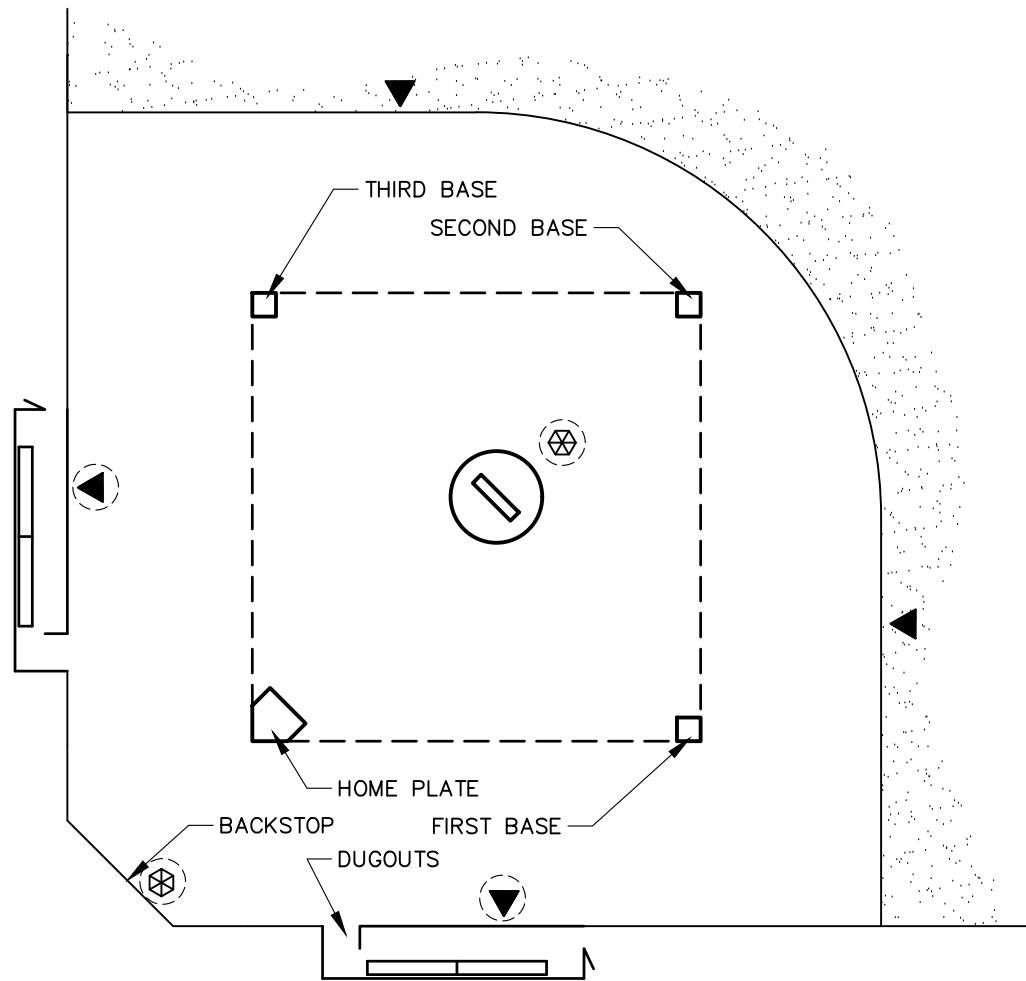
SIDELINE FENCE

SCALE: NONE
REVISED: JULY 2023
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER







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NOTES

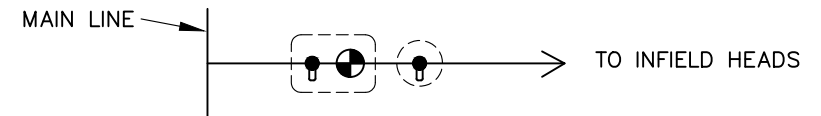
1. ALL STEEL AND HARDWARE SHALL BE HOT-DIPPED GALVANIZED.
2. PRIME AND PAINT WOOD WITH KELLY-MOORE PAINT. COLOR TO BE OXFORD BROWN OR WOODLAND FERN.
3. WOOD TO BE PRESSURE TREATED S4S SELECT DOUGLAS FIR (P.T.D.F.)
4. 6" MINIMUM DEPTH OF INFIELD MIX



LEGEND

-  QUICK COUPLER
-  180° POP-UP TURF SPRINKLER – RAINBIRD FALCON 6504 SERIES STAINLESS STEEL HEAD, OR APPROVED EQUAL
-  360° POP-UP TURF SPRINKLER FALCON 6504 SERIES STAINLESS STEEL HEAD
-  4" ROUND VALVE BOX & COVER
-  REMOTE CONTROL VALVE
-  2" MAXIMUM BRASS BALL VALVE, AT GRADE

CONNECTION ENLARGEMENT



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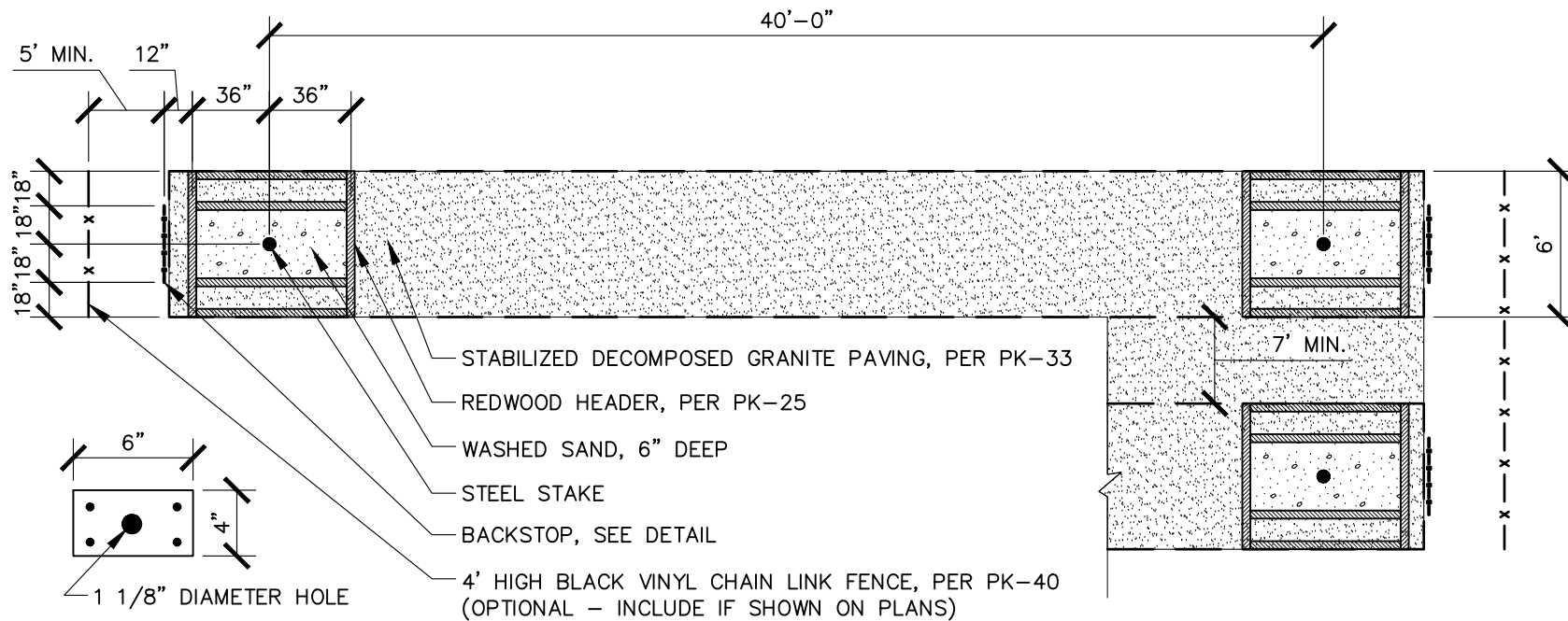
SKINNED INFIELD IRRIGATION LAYOUT

SCALE: NONE
REVISED: JULY 2023
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER

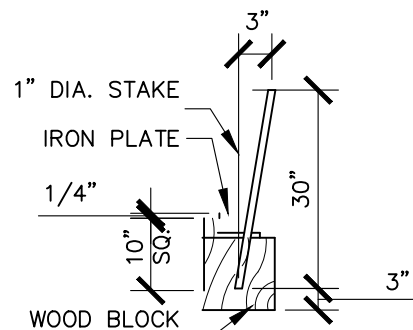
PK-51

NOTES

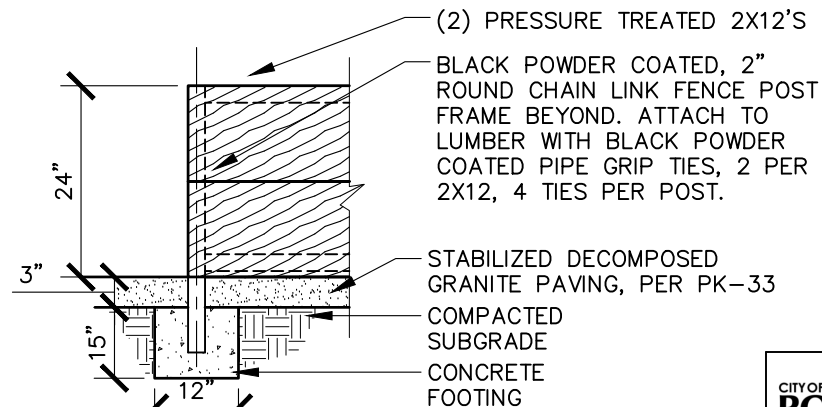
1. PROVIDE A BRASS MANUAL IRRIGATION ISOLATION VALVE FOR EACH QUICK COUPLER.
2. BACKFILL BOXES CONTAINING SPRINKLER HEADS WITH PEA GRAVEL TO A LEVEL 3" FROM BOTTOM OF LID.



IRON PLATE PLAN



STAKE SECTION



BACKSTOP DETAIL

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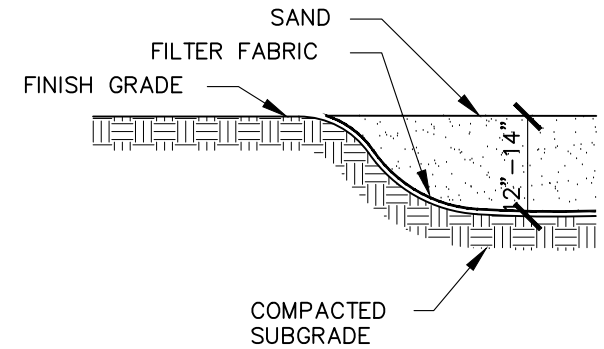
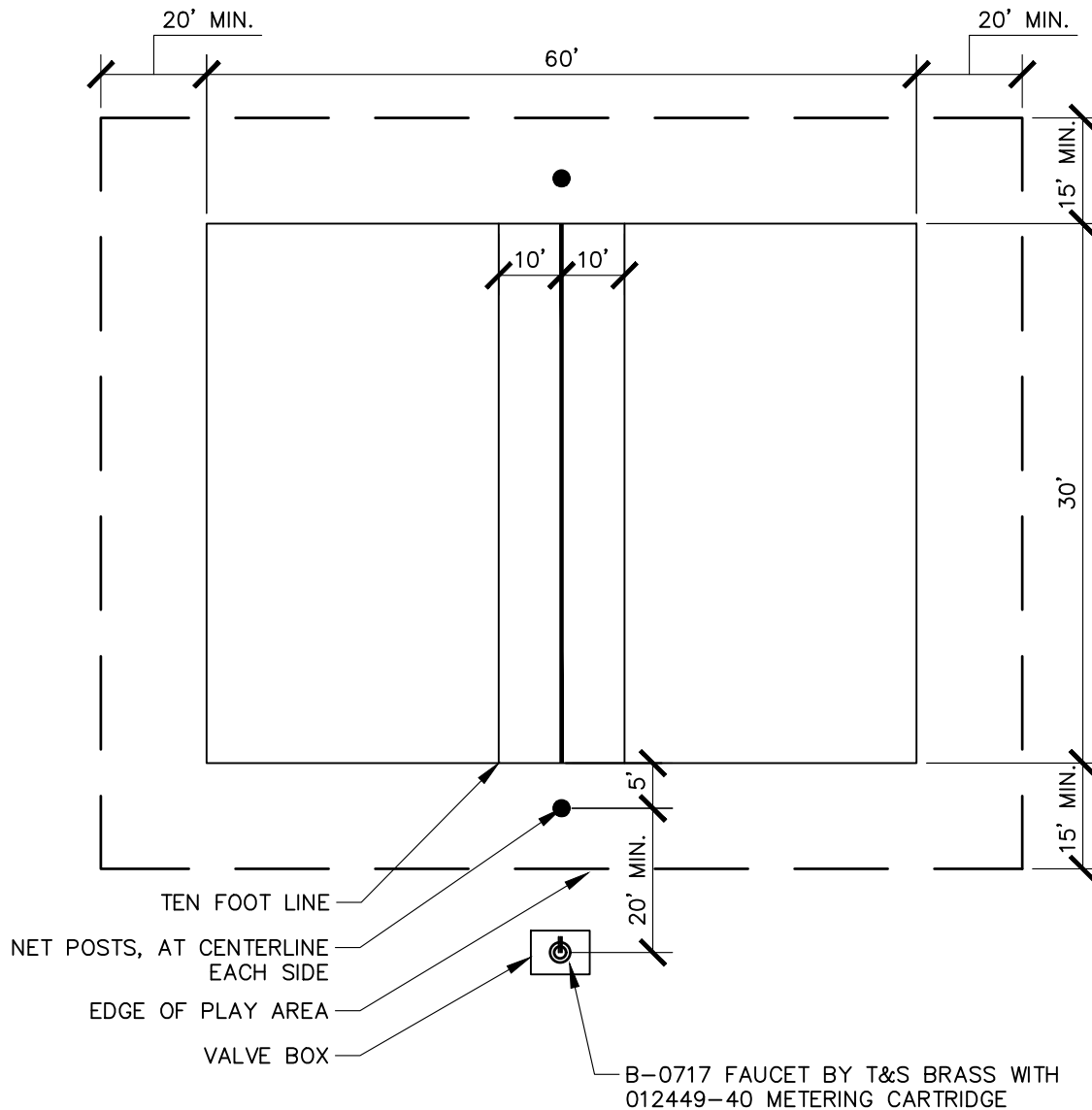
HORSEHOE COURT LAYOUT

SCALE: NONE
REVISED: JULY 2023
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER

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NOTES

1. STAKES SHOULD BE MADE OF 1" DIAMETER COLD ROLLED STEEL 30" LONG.
2. BLOCK SHOULD BE PRESSURE TREATED DOUGLAS FIR OR APPROVED EQUAL.
3. DRILL 1" DIAMETER BY 7" DEEP HOLE INTO BLOCK AND DRIVE PEG INTO BLOCK.
4. SLIP IRON PLATE OVER PEG AND ATTACH WITH FOUR LAG SCREWS.



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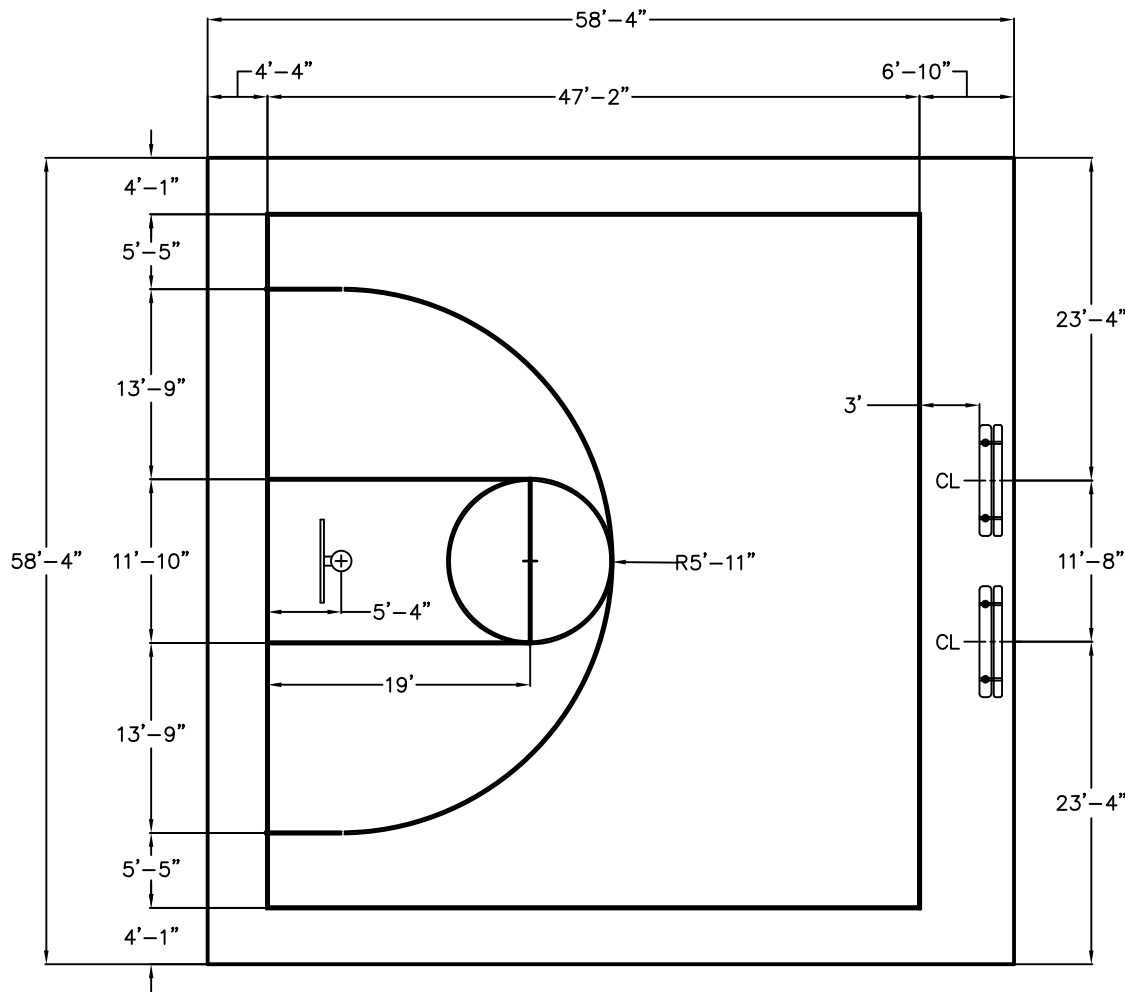
VOLLEYBALL COURT LAYOUT

SCALE: NONE
REVISED: JULY 2023
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER

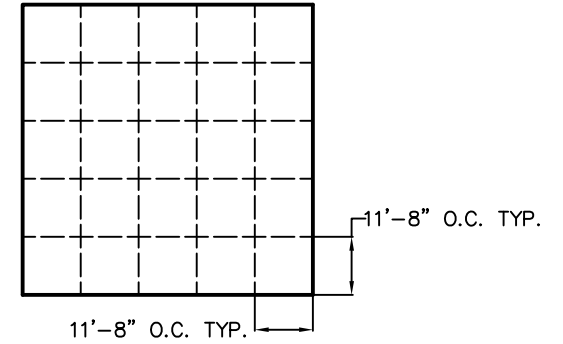
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NOTES

1. FINISH GRADE OF SAND SHALL BE FLUSH WITH FINISH GRADE OF ADJACENT AREA.
2. DO NOT INSTALL IRRIGATIONS HEADS IN SAND AREA.



LAYOUT



CONTROL JOINT LAYOUT

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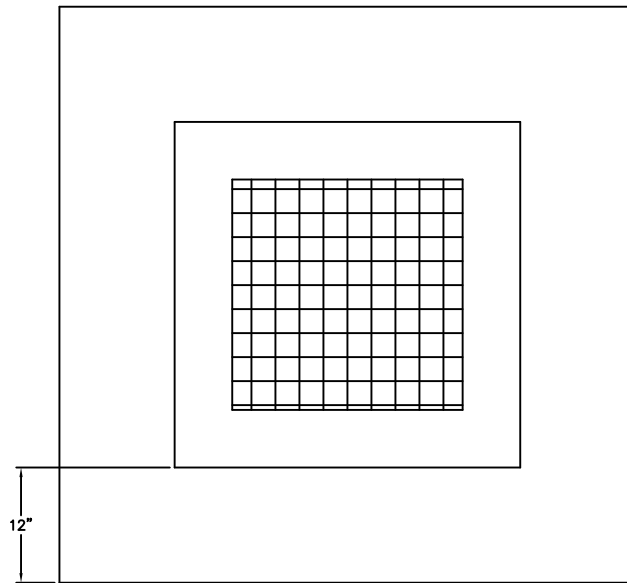
BASKETBALL HALF-COURT LAYOUT

SCALE: NONE
REVISED: JULY 2023
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER

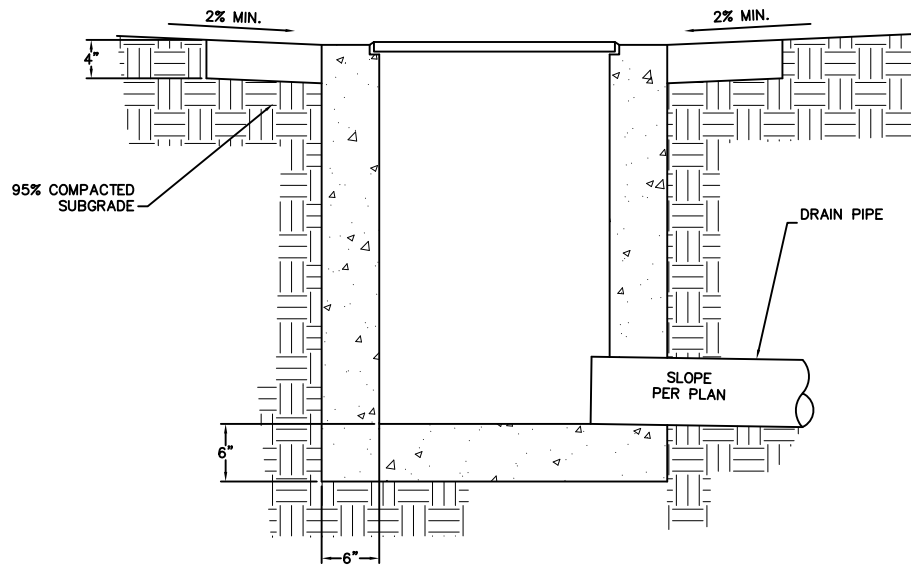
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NOTES

1. STRIPING WIDTH - 2"
2. STRIPING DIMENSIONS MEASURED FROM CENTER OF STRIPE.



PLAN VIEW



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DRAIN INLET WITH FISH STAMP

SCALE: NONE
REVISED: JULY 2023
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER

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