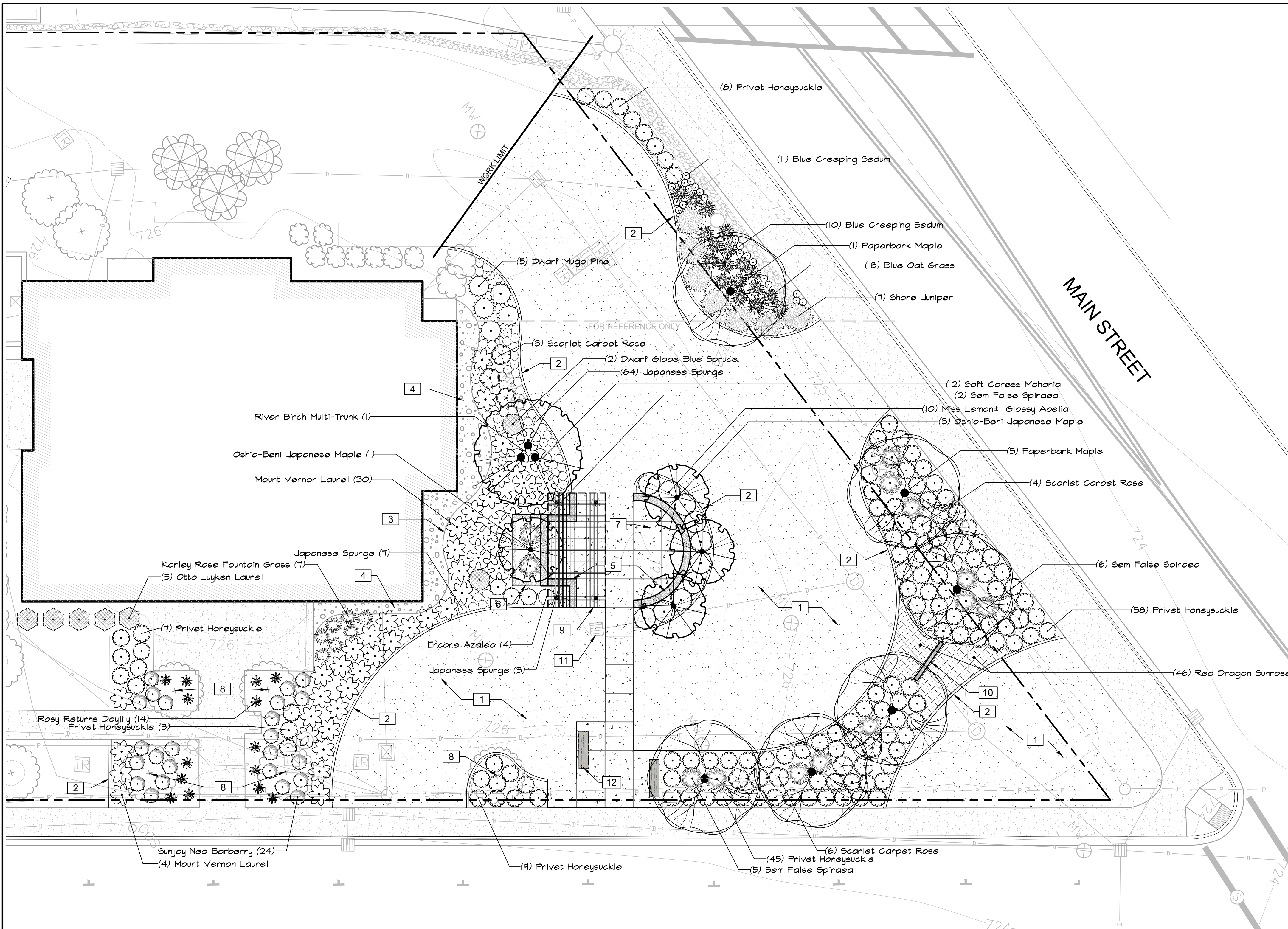


Nov 03, 2023 3:40:27 PM User: jglander
 W:\PROJECTS\23-000393 FENCE COUNTY LIBRARY SYSTEM\23-000393 BUCKLEY LIBRARY(CAD)_23-000393 X-LS.DWG



REFERENCE NOTES SCHEDULE

SYMBOL	DESCRIPTION	DETAIL
[1]	NEW SOD LAWN AREA	
[2]	CONCRETE MOW EDGE	4/LS-03
[3]	STEEL EDGING	5/LS-03
[4]	DECORATIVE ROCK MULCH. 4" DEPTH OF EQUAL QUANTITIES OF 2" MINUS WASHED DRAIN ROCK AND 4"-12" WASHED RIVER ROCK AS AVAILABLE LOCALLY WITH FILTER FABRIC.	
[5]	18" HT. CONC. SEATWALL	6/LS-03
[6]	18" HT. CONC. PLANTER	7/LS-03
[7]	CONC. PATIO SITTING AREA	8/LS-03
[8]	EXISTING TREE TO REMAIN	
[9]	OPTIONAL SHADE ARBOR	LS-04
[10]	NEW SIGN LOCATION.	9/LS-03
[11]	EXISTING DRAINAGE CATCH BASIN	
[12]	6' BENCH, SURFACE MOUNT, COORDINATE TYPE AND COLOR WITH OWNER	

PLANT SCHEDULE

SHRUBS	QTY	BOTANICAL / COMMON NAME	SIZE
[Symbol]	10	ABELIA X GRANDIFLORA 'HOPLEYS' MISS LEMON™ GLOSSY ABELIA	2 GAL
[Symbol]	4	AZALEA X 'ROBLED' ENCORE AZALEA	2 GAL
[Symbol]	24	BERBERIS THUNBERGII 'NCBT2' SUNJOY NEO BARBERRY	2 GAL
[Symbol]	7	JUNIPERUS CONFERTA 'BLUE PACIFIC' SHORE JUNIPER	3 GAL
[Symbol]	130	LONICERA PILEATA PRIVET HONEYSUCKLE	1 GAL
[Symbol]	12	MAHONIA EURYBRACTEATA 'SOFT CARESS' SOFT CARESS MAHONIA	3 GAL
[Symbol]	74	PACHYSANDRA TERMINALIS 'SILVER EDGE' JAPANESE SPURGE	6" POT
[Symbol]	2	PICEA PUNGENS 'GLOBOSA' DWARF GLOBE BLUE SPRUCE	5 GAL
[Symbol]	5	PINUS MUGO 'PUMILLO' DWARF MUGO PINE	5 GAL
[Symbol]	34	PRUNUS LAUROCERASUS 'MOUNT VERNON' MOUNT VERNON LAUREL	2 GAL
[Symbol]	5	PRUNUS LAUROCERASUS 'OTTO LUYKEN' OTTO LUYKEN LAUREL	5 GAL
[Symbol]	13	ROSA X 'NOA83100B' SCARLET CARPET ROSE	2 GAL
[Symbol]	13	SORBARIA SORBIFOLIA 'SEM' SEM FALSE SPIRAEA	1 GAL
ORNAMENTAL GRASSES	QTY	BOTANICAL / COMMON NAME	SIZE
[Symbol]	18	HELICTOTRICHON SEMPERVIRENS BLUE OAT GRASS	1 GAL
[Symbol]	7	PENNISETUM ALOPECUROIDES 'KARLEY ROSE' KARLEY ROSE FOUNTAIN GRASS	1 GAL
PERENNIALS	QTY	BOTANICAL / COMMON NAME	SIZE
[Symbol]	14	HEMEROCALLIS X 'ROSY RETURNS' ROSY RETURNS DAYLILY	1 GAL
[Symbol]	21	SEDUM SIEBOLDII BLUE CREEPING SEDUM	6" POT

PLANT SCHEDULE

TREES	QTY	BOTANICAL / COMMON NAME	SIZE
[Symbol]	6	ACER GRISEUM PAPERBARK MAPLE	2" CAL., 10-12' HT. B&B/CONT.
[Symbol]	4	ACER PALMATUM 'OSHIO-BENI' OSHIO-BENI JAPANESE MAPLE	1.5" CAL., 8'-10' HT.
[Symbol]	1	BETULA NIGRA RIVER BIRCH MULTI-TRUNK	2.5" CAL (TOTAL OF ALL STEMS), MULTI-STEM
GROUND COVERS	QTY	BOTANICAL / COMMON NAME	SIZE
[Symbol]	44	HELIANTHEMUM NUMMULARIUM 'RED DRAGON' RED DRAGON SUNROSE	6" POT

BY	DATE	REVISIONS

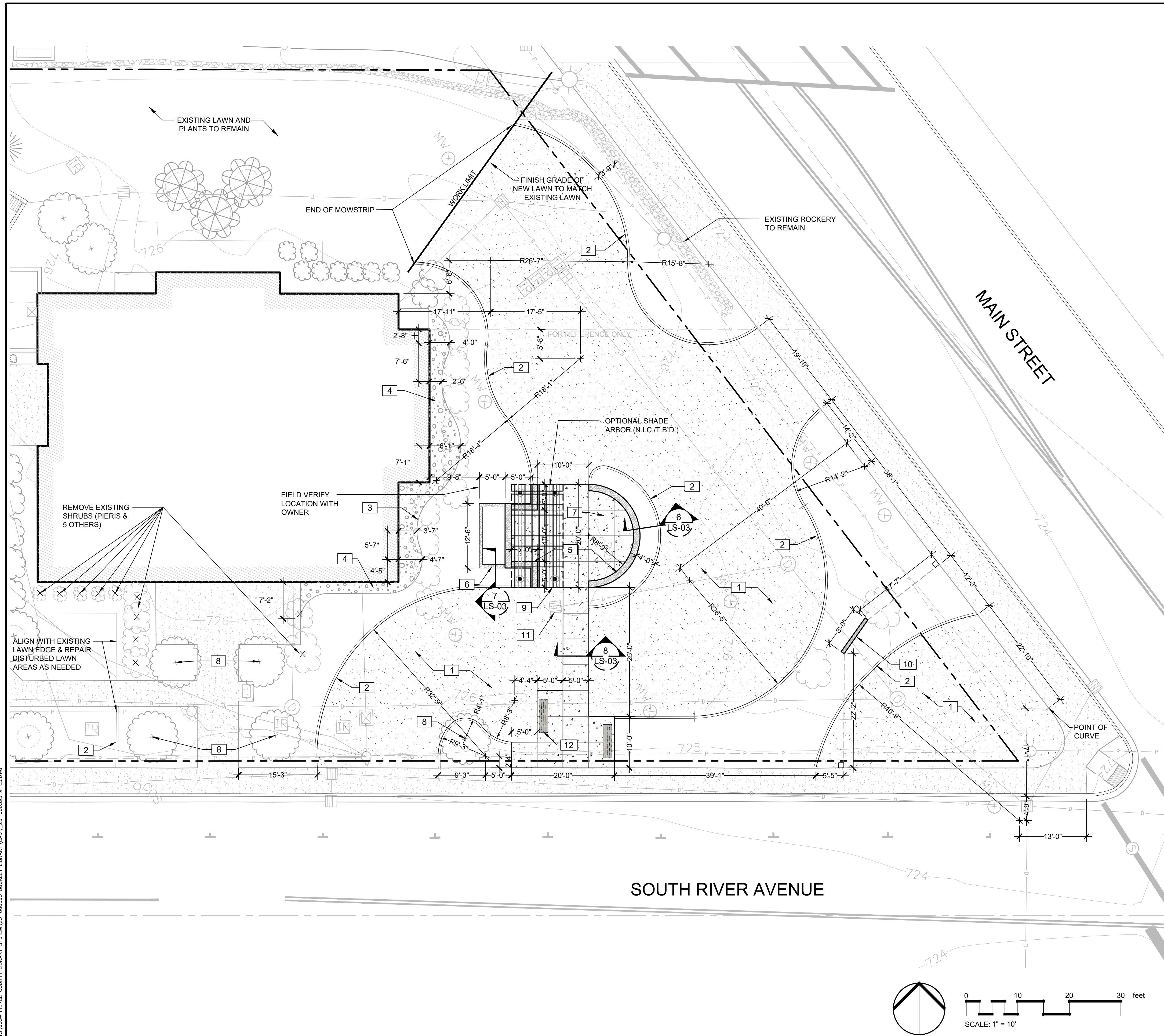
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 CONSULTING SERVICES
 8730 TALLON LANE NE, SUITE 200, LACEY, WA 98516
 P: 360.352.1465
 SCJALLIANCE.COM

SHEET TITLE: **LANDSCAPE PLAN**
 PROJECT NAME: **BUCKLEY LIBRARY PROPERTY**
 123 SOUTH RIVER AVENUE
 BUCKLEY, WASHINGTON 98021

SEAL:

DESIGNER: A. VOS
 DRAWN BY: A. VOS
 APPROVED BY: J. GLANDER
 DATE: SEPTEMBER 2023
 JOB NO: 23-000393
 DRAWING FILE NO: 23-000393 X-LS
 DRAWING NO: **LS-01**
 SHEET NO: **1 OF 6**

Nov 03, 2023 3:45:10pm User: hlandr...
 N:\PROJECTS\0524 FENCE COUNTY LIBRARY SYSTEM\23-000393 BUCKLEY LIBRARY(CAD)_23-000393 X-LS.DWG



REFERENCE NOTES SCHEDULE

SYMBOL	DESCRIPTION	DETAIL
[1]	NEW SOD LAWN AREA	
[2]	CONCRETE MOW EDGE	4/LS-03
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[5]	18" HT. CONC. SEATWALL	6/LS-03
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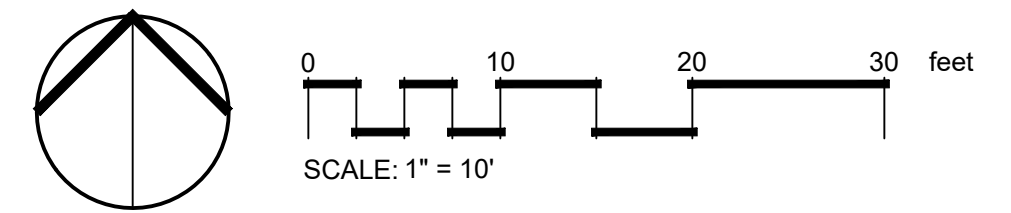
REVISIONS	DATE	BY

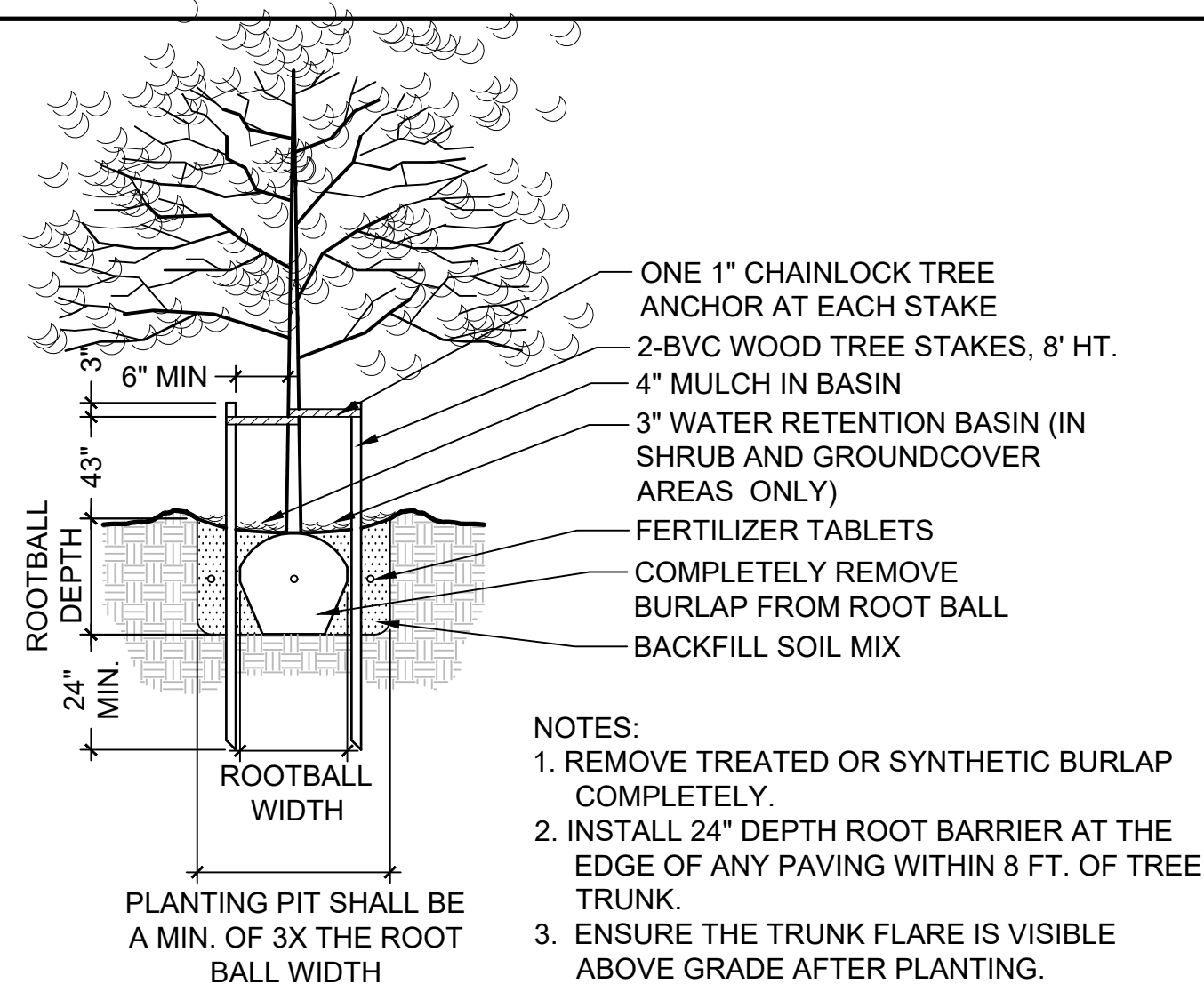

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LAYOUT PLAN
 PROJECT NAME:
BUCKLEY LIBRARY PROPERTY
 123 SOUTH RIVER AVENUE
 BUCKLEY, WASHINGTON 98021

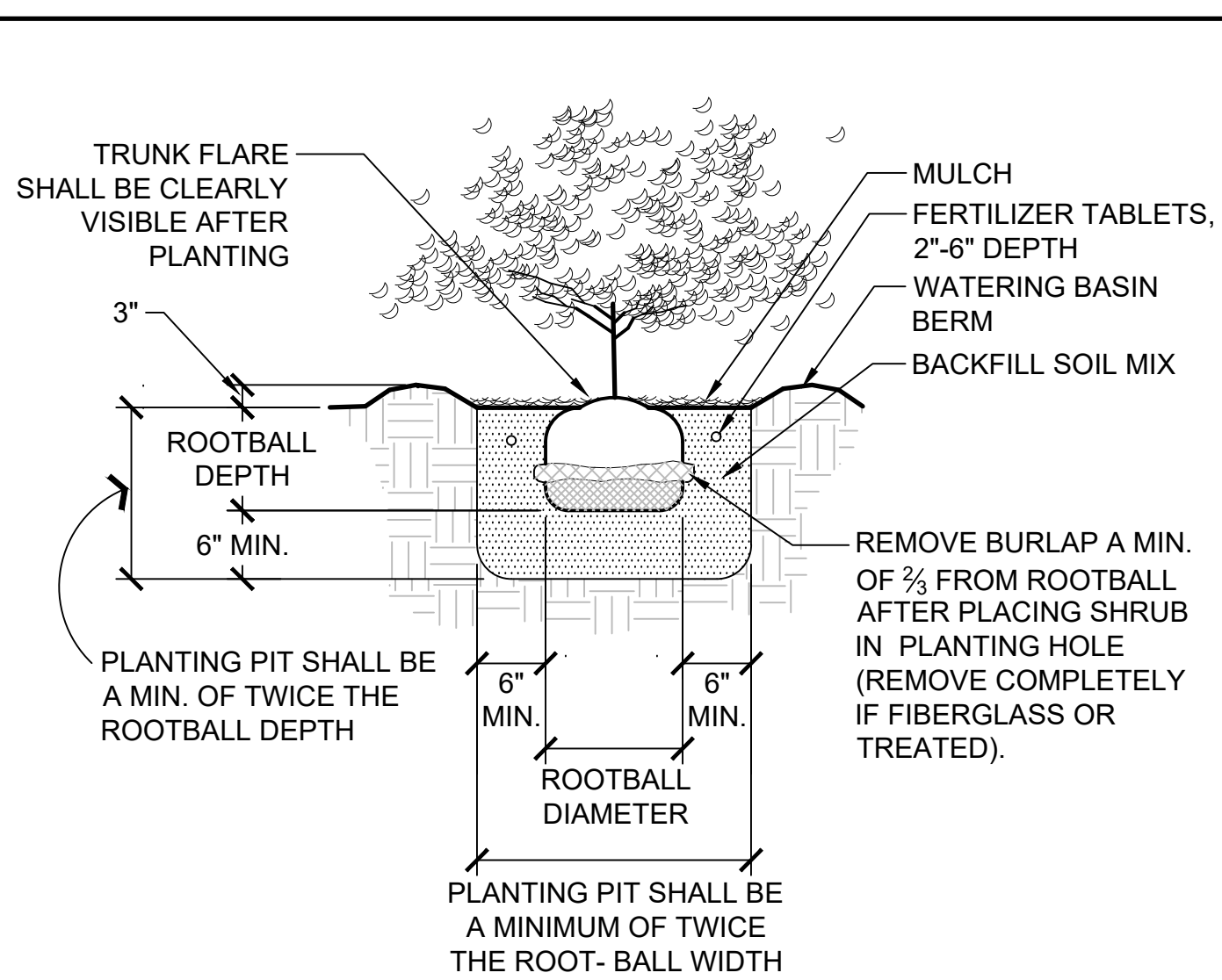
SEAL:


DESIGNER:	A. VOS
DRAWN BY:	A. VOS
APPROVED BY:	J. GLANDER
DATE:	SEPTEMBER 2023
JOB NO:	23-000393
DRAWING FILE NO:	23-000393 X-LS
DRAWING NO:	LS-02
SHEET NO:	2 OF 6

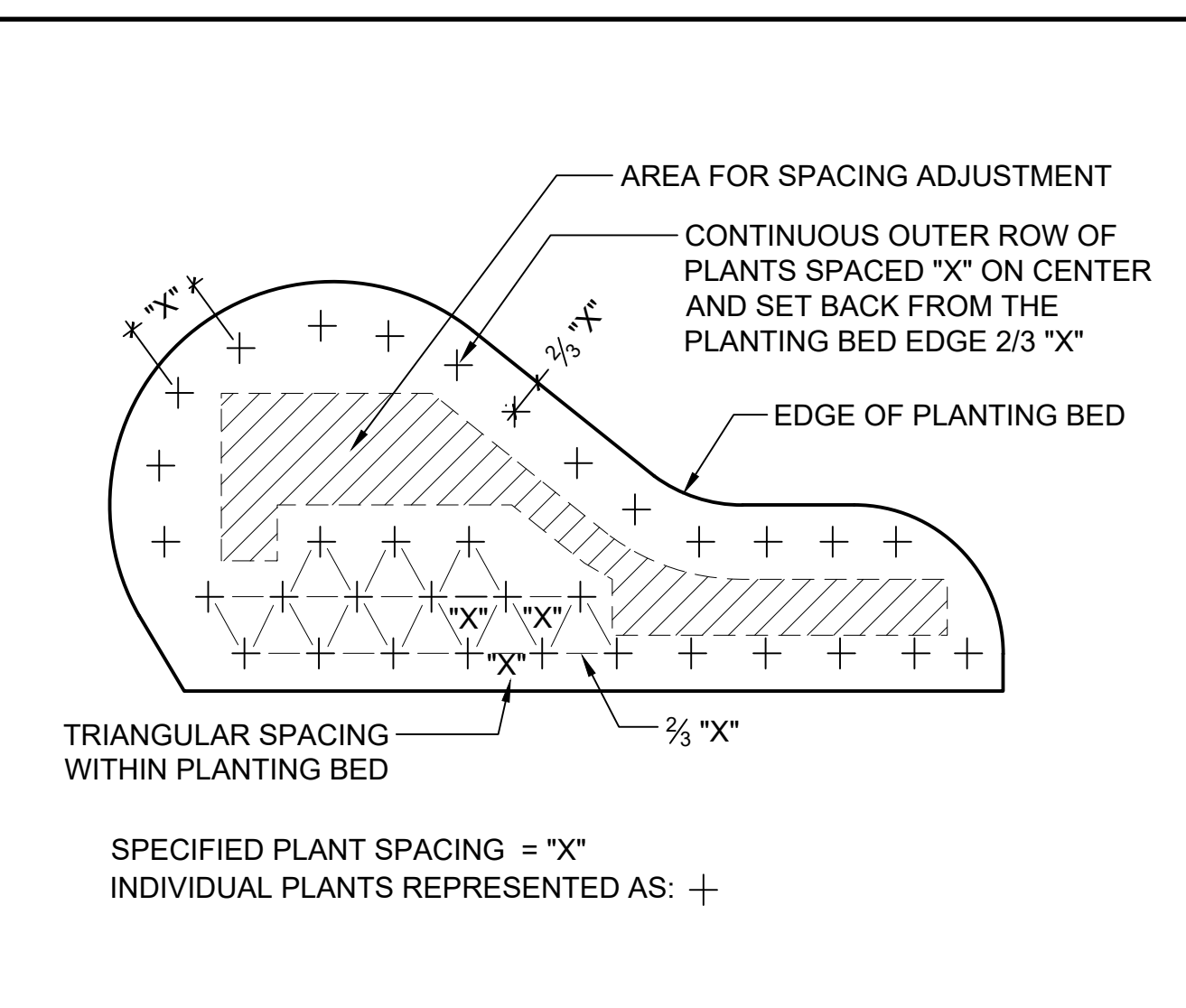




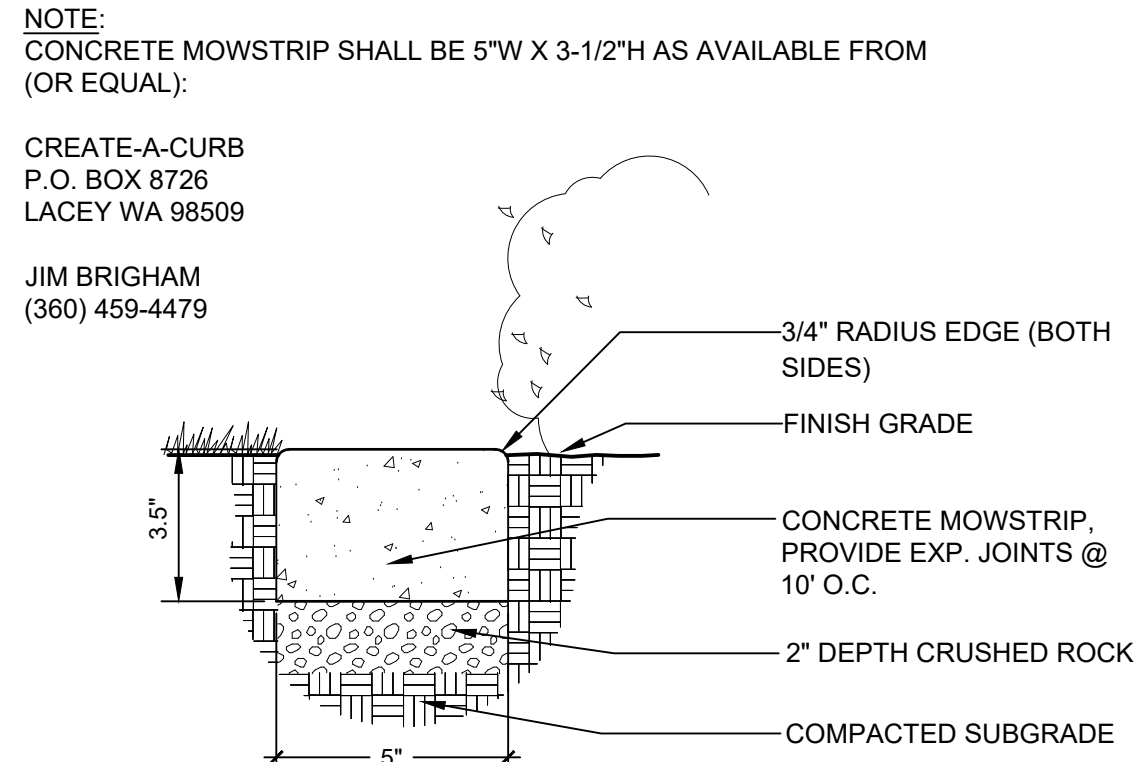
1 TREE PLANTING & STAKING DETAIL
NTS P-CI-BUC-08



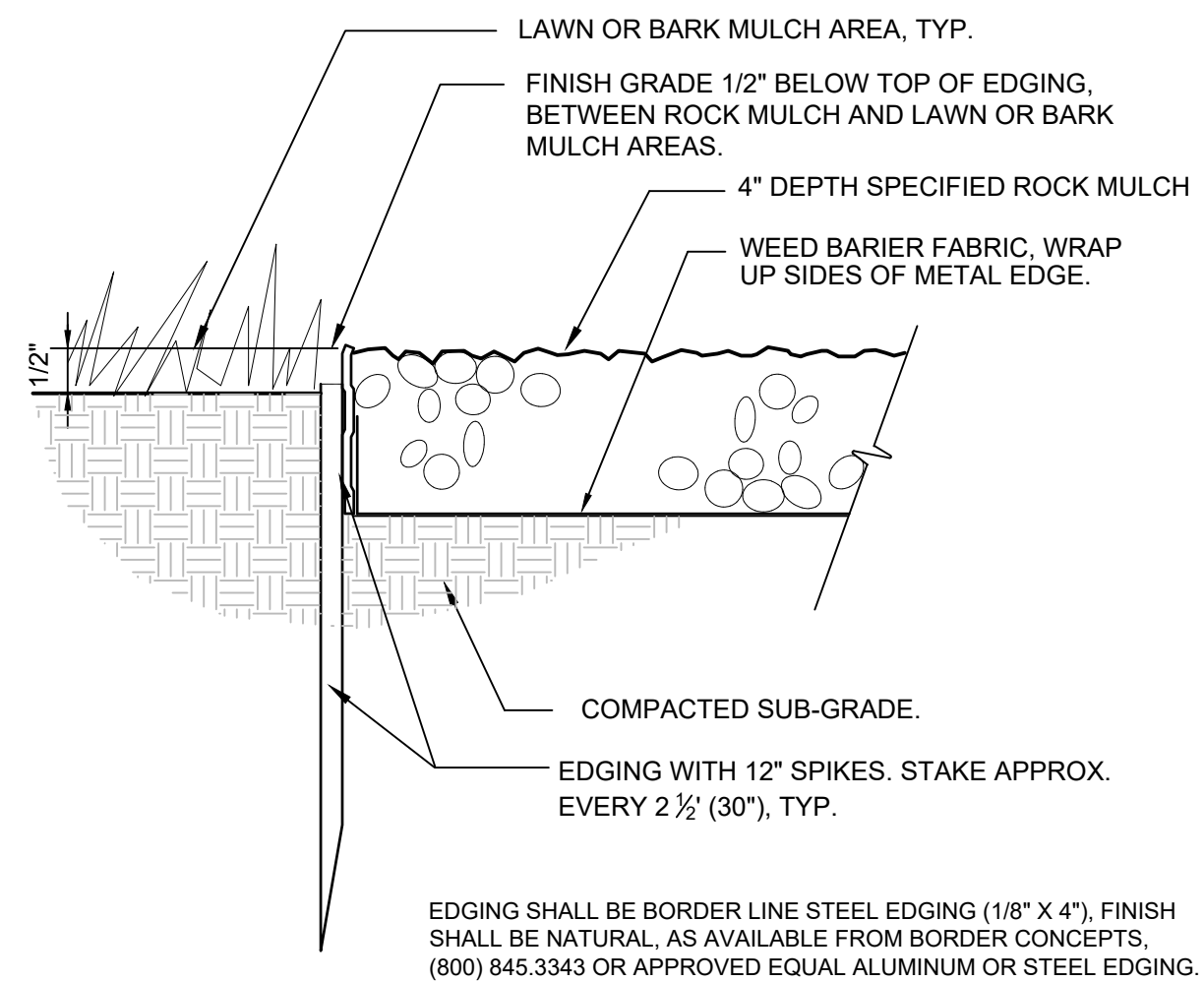
2 SHRUB PLANTING DETAIL (B&B OR CONT.)
NTS P-CI-BUC-04



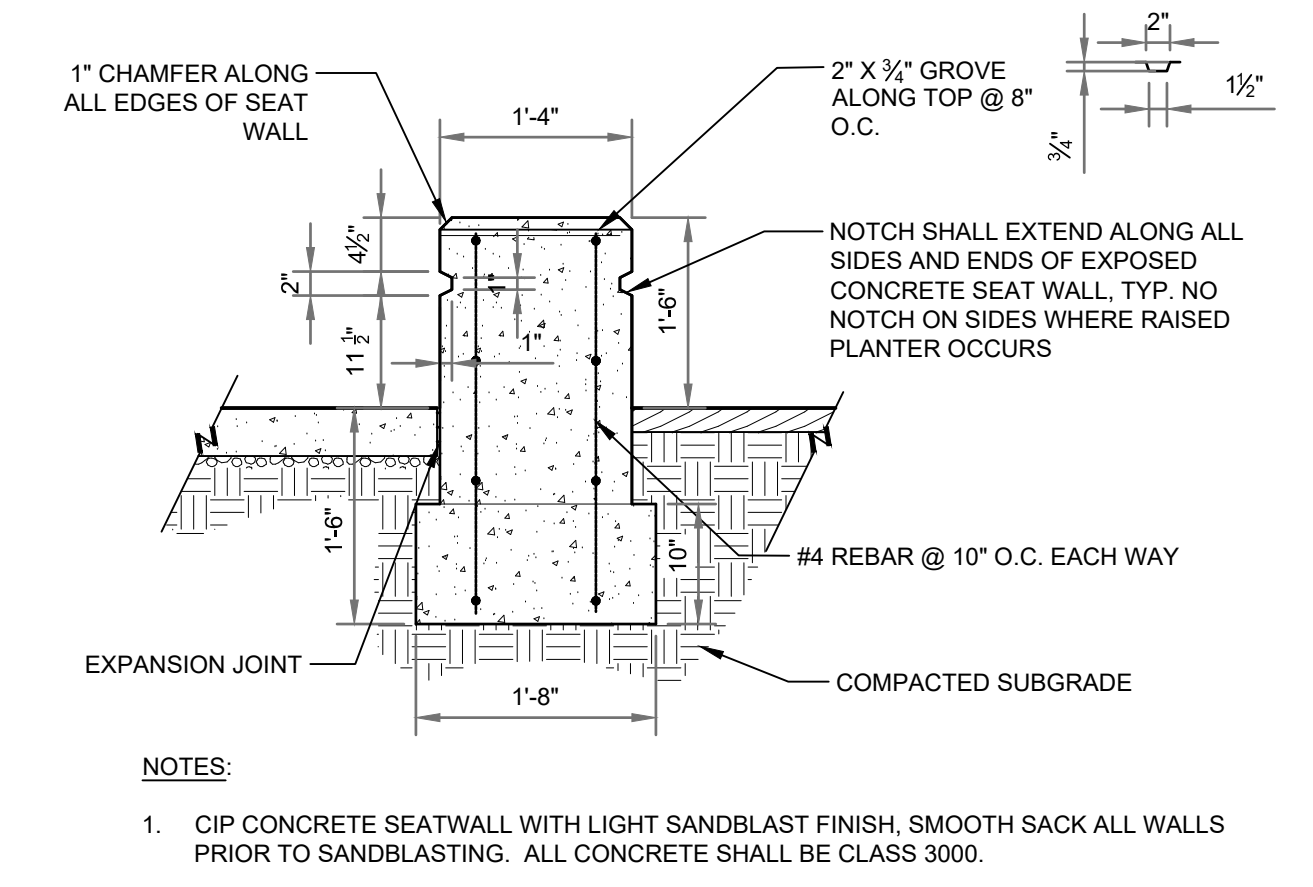
3 PLANT SPACING DETAIL
NTS P-CI-BUC-01



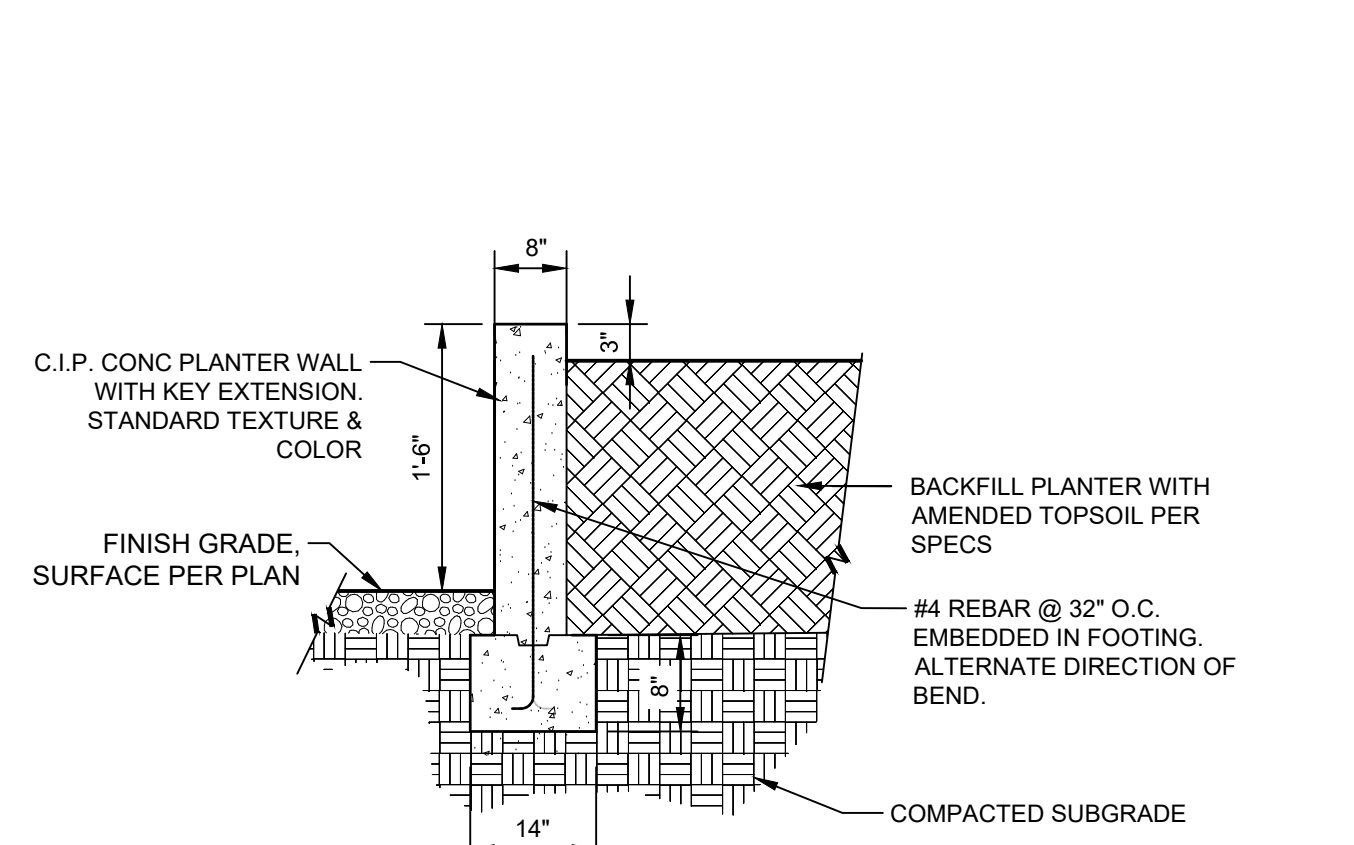
4 EXTRUDED CONCRETE MOWSTRIP
N.T.S. P-CI-BUC-34



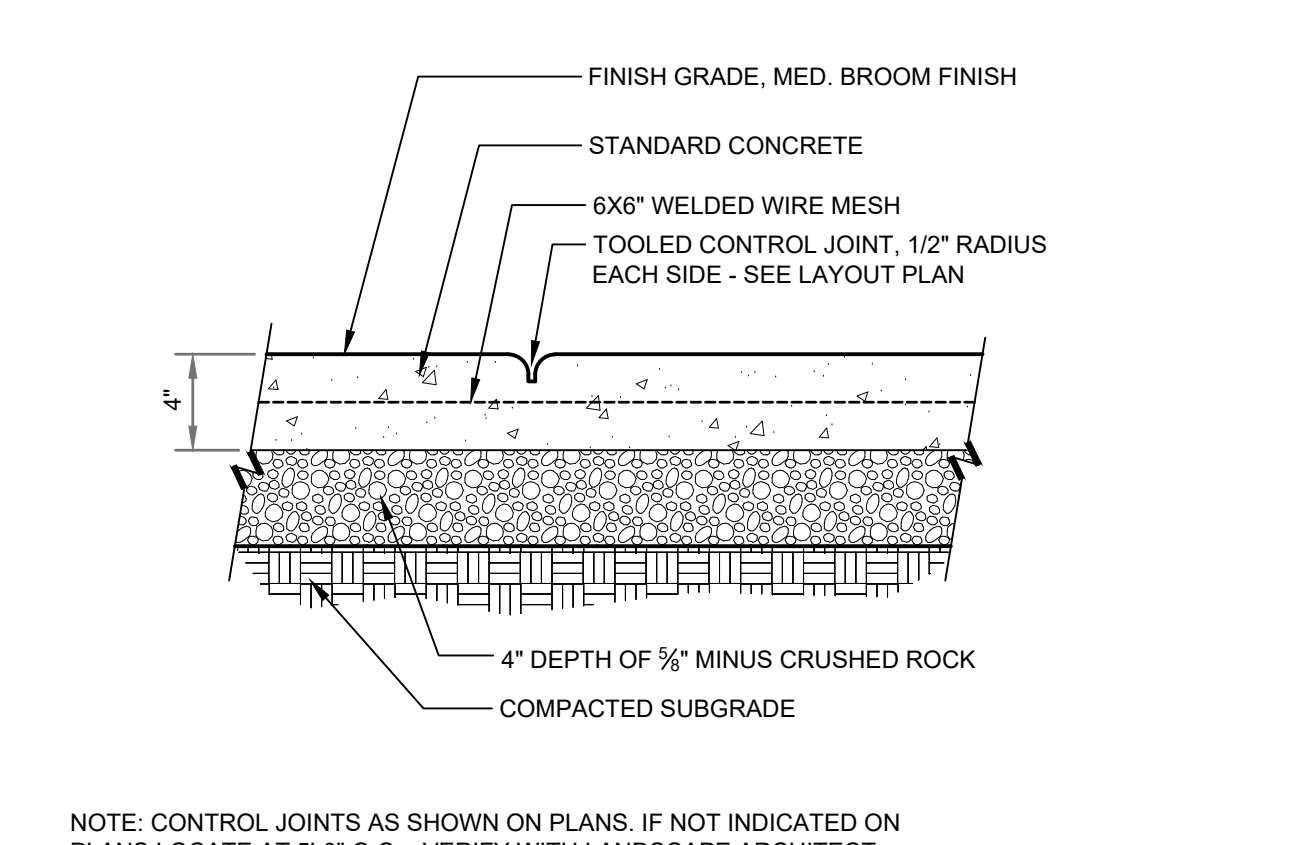
5 STEEL EDGE AT ROCK MULCH
3\"/>



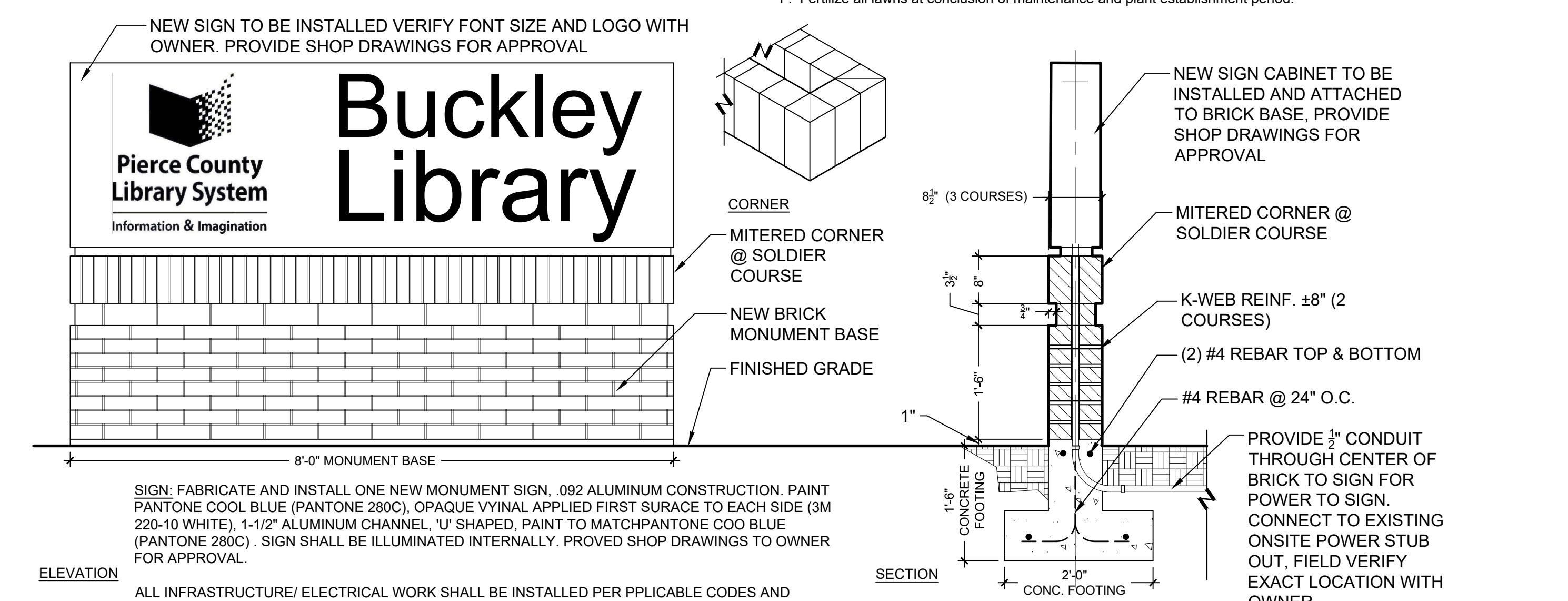
6 SEAT WALL
3/4\"/>



7 RAISED CONCRETE PLANTER
3/4\"/>



8 PEDESTRIAN CONCRETE SECTION
1 1/2\"/>



9 MONUMENT SIGN BASE
3/4\"/>

LANDSCAPE SHEET NOTES

- Refer to details and Project Manual for additional information.
- Chemically kill and remove from site all existing weeds and vegetation not shown to remain on plans.
- Distribute imported sandy loam topsoil (approved by the Landscape Architect) in areas shown and at depths indicated for crowning and berming of landscape areas, and backfill of retaining walls (if required). All landscape areas shall receive topsoil, whether indicated on plans or not, so that finish grades of all shrub beds shall be 2" below tops of adjacent curbs and pavement, and lawn areas shall be 1/2" below tops of adjacent curbs and pavement. Structural fill areas: Any landscape areas occurring within structural fill zones shall have said structural fill materials excavated to a depth of 12" below finish grades in shrub areas and 6" below grade in lawn areas, and replaced with specified topsoil. Dispose of excavated material off site.
- Fine grade all landscape beds prior to planting operations.
- No plant substitutions shall be permitted without prior approval of Landscape Architect/Owner.
- All plants shall conform to the latest edition of the American Standard for Nursery Stock.
- All plant materials and plant locations shall be approved by the Landscape Architect prior to installation.
- Root barrier shall be incorporated adjacent and parallel to paving, curb and sidewalk, a minimum of 15 linear feet (7.5' on either side of trunk), 24" deep, where any tree is within 8' of paving, curb or sidewalk. Root barrier shall be DeepRoot UB-24 as available from Ewing Irrigation Products, 2901 S Tacoma Way, Tacoma, WA 98409 (253) 476-9530 or approved equal.
- Soil amendment for soil preparation and planting backfill shall be a screened 5/8" minus nitrified wood residual compost equal to:
 - "Silver Springs Top Grade Compost" brand compost as available from Corliss Resources Lake Tapps, WA (253) 279-9102.
 - "Cedar Grove Compost" brand compost as available from Cedar Grove Compost, Maple Valley, WA (877) 764-5748.
 - PRPELRI compost as available from Randles Sand and Gravel, Inc., Puyallup, WA (253) 537-6828.
- Soil Preparation - (all landscape areas). Spread 9 c.y. of specified soil amendment per 1000 s.f. (approx. 3" depth) of area. Spread 100 lbs./1000 s.f. of dolomite lime (in lawn areas only), 150 lbs./1000 s.f. of Agricultural Gypsum and 15 lbs./1000 s.f. of 16-8-8 commercial fertilizer over soil amendment. Roto-till all of the above to a 6"-8" depth and grade smooth, compacting as required and removing all rocks, clods and debris.
- Lawn areas (seed or sod refer to plans) shall consist of one of the following turf types:

60% Turf-Type Perennial Rye Grass Varieties	60% Turf-Type Perennial Rye Grass Varieties
20% Bluegrass	20% Bluegrass
20% Hard Fescue	40% Turf-Type Fescue
- Seed and sod shall be equal to that as grown by Country Green Turf Farms; Olympia, WA or JB Instant Lawn, Redmond, WA. Seed shall be applied at 7 lbs/1000 s.f. and include 10 lbs./1000 s.f. of United Horticulture 15-5-10 fertilizer in all lawn areas.
- All trees in lawn areas shall be planted in a 3' diameter circle of bed mulch.
- Backfill mix for all plants (except Rhododendrons & Azaleas) shall be a blend of 1/3 existing site soil, 1/3 coarse sand, and 1/3 soil amendment specified in No. 9. Backfill mix for Rhododendrons and Azaleas shall consist of 2/3 above specified backfill mix and 1/3 fine grind hem-fir bark mulch.
- Apply Osmocote 18-6-12, 9 month slow release fertilizer over the surface of all plant pits at the following rates:

Trees Over 10' Height	2 Cups	Trees Under 10' Height:	1 Cup
All Shrubs Except 1 Gallons:	1/2 Cup	1 Gallon Plants:	1/4 Cup
Ground Covers:	1/4 Cup		
- Fertilizer tablets for all plants shall be Agriform (20-10-5) 21 gram or 10 gram tablets distributed as follows: All trees: 4-21 gram tablets, all shrubs (except 1 gallons): 3-21 gram tablets, all 1 gallons: 1-21 gram tablet, all 2-1/4" and 4" pot ground covers: 1-10 gram tablet each. Set tablets directly next to rootball.
- All shrub and ground cover beds shall receive a 2" depth (6 c.y. per 1000 s.f.) of "Fine Grind" hemfir bark mulch as top dressing.
- Apply a granular pre-emergent herbicide to all shrub and groundcover beds at the conclusion of the maintenance period. Do not use Casaron or Norasac Brands.
- All work shall be performed to the satisfaction of the Landscape Architect/Owner.
- All plants shall be guaranteed for one full year from date of project acceptance. All replaced plants shall be re-guaranteed. All replacements shall be made within 21 days of receiving written notice from the Owner. Contractor shall not be responsible for plants dying due to Owner neglect or vandalism, after the maintenance period.
- Plant list quantities are shown for reference only. Contractor is responsible for verifying all quantities in list with actual plan call-outs, and installing plantings per the landscape plan. Groundcover and/or mass shrub quantities shall be adjusted as required for field conditions at the specified spacing.
- Final inspection shall occur at the conclusion of a 60-day maintenance & plant establishment period. Maintenance period shall commence upon completion of all landscape installation activities and shall include the following:
 - Mow lawns once per week.
 - Remove all weeds over 1" in height.
 - Replace dead or unhealthy plants.
 - Ensure proper function of irrigation system.
 - Ensure adequate moisture is delivered to all landscape beds including non-irrigated areas.
 - Fertilize all lawns at conclusion of maintenance and plant establishment period.

BY: _____ DATE: _____

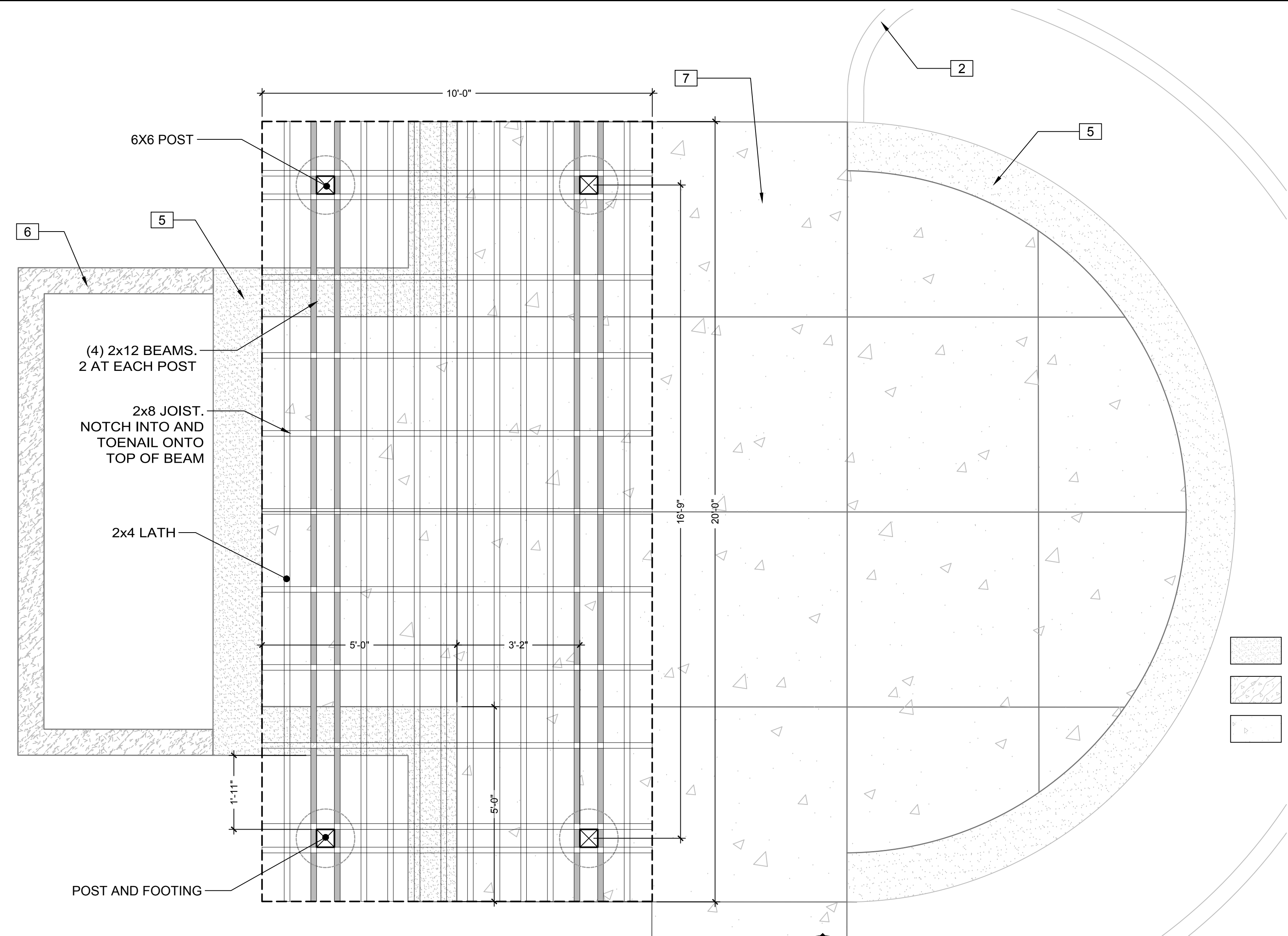
REVISIONS: _____

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LANDSCAPE DETAILS & SPECS
PROJECT NAME: BUCKLEY LIBRARY PROPERTY
123 SOUTH RIVER AVENUE
BUCKLEY, WASHINGTON 98021

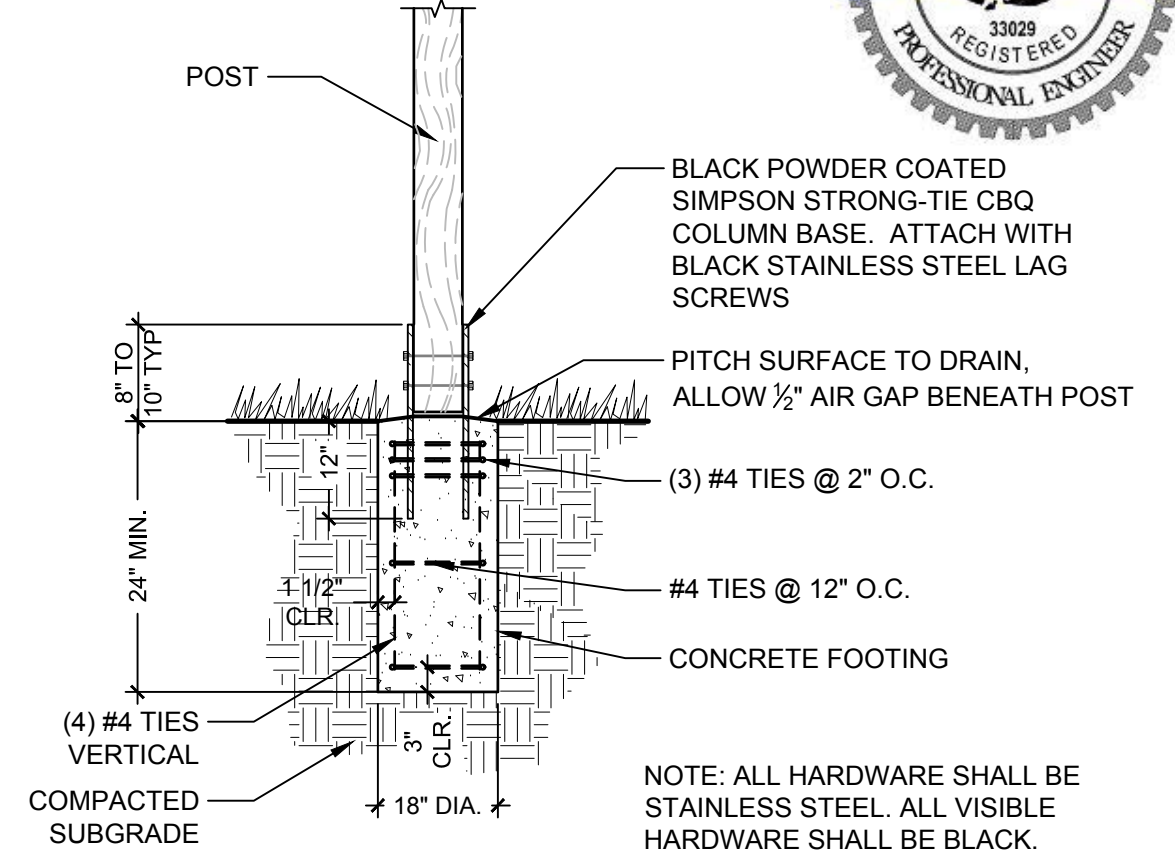
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SEAL: _____
DESIGNER: A. VOS
DRAWN BY: A. VOS
APPROVED BY: J. GLANDER
DATE: SEPTEMBER 2023
JOB NO: 23-000393
DRAWING FILE NO: 23-000393 X-LS
DRAWING NO: LS-03
SHEET NO: 3 OF 6

Nov 03, 2023 3:45:16pm User: hrandman
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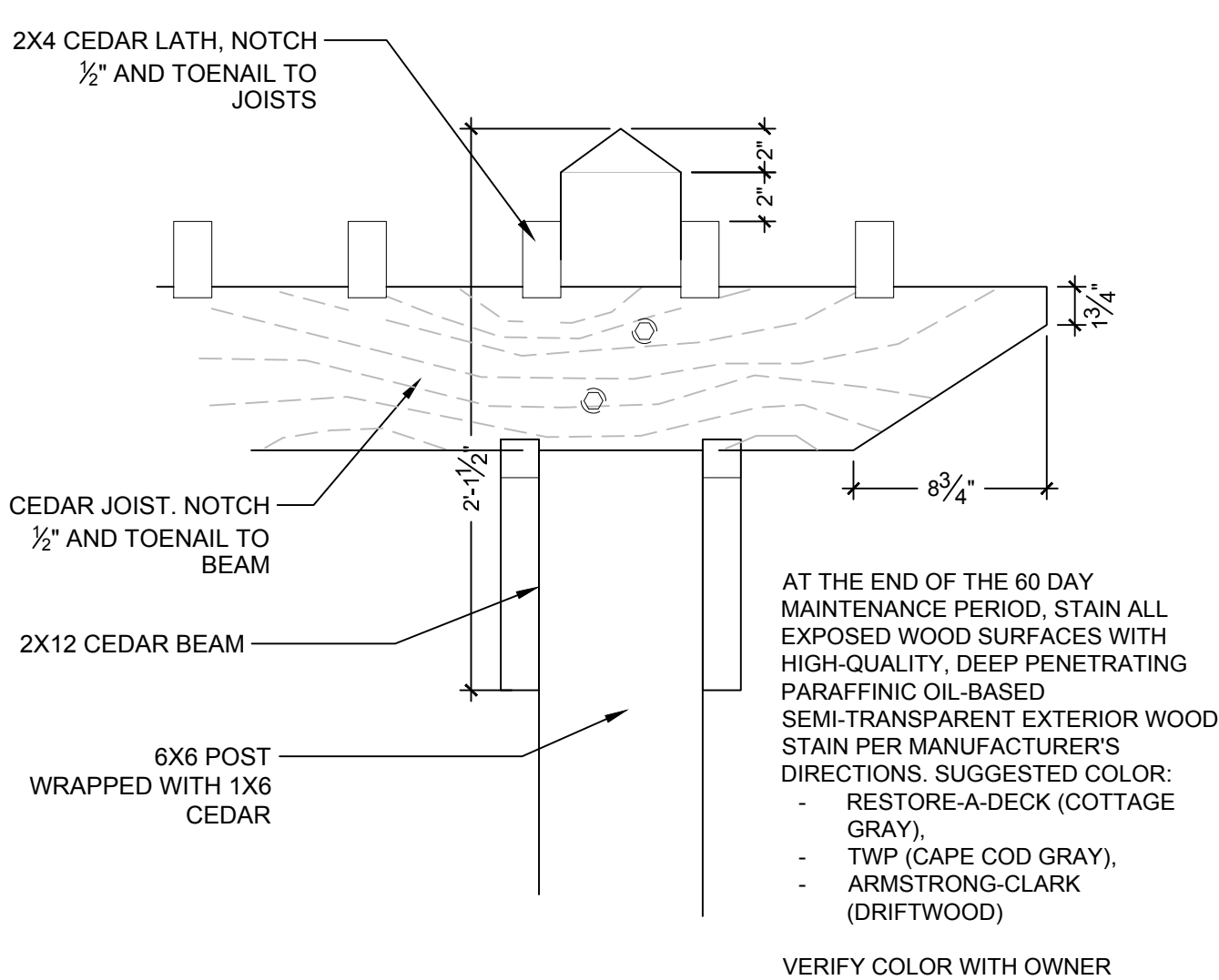


ENLARGEMENT LEGEND

SYMBOL	DESCRIPTION	DETAIL
2	CONCRETE MOW EDGE	4/LS-03
5	18" HT. CONC. SEATWALL	6/LS-03
6	18" HT. CONC. PLANTER	7/LS-03
7	CONC. PATIO SITTING AREA	8/LS-03



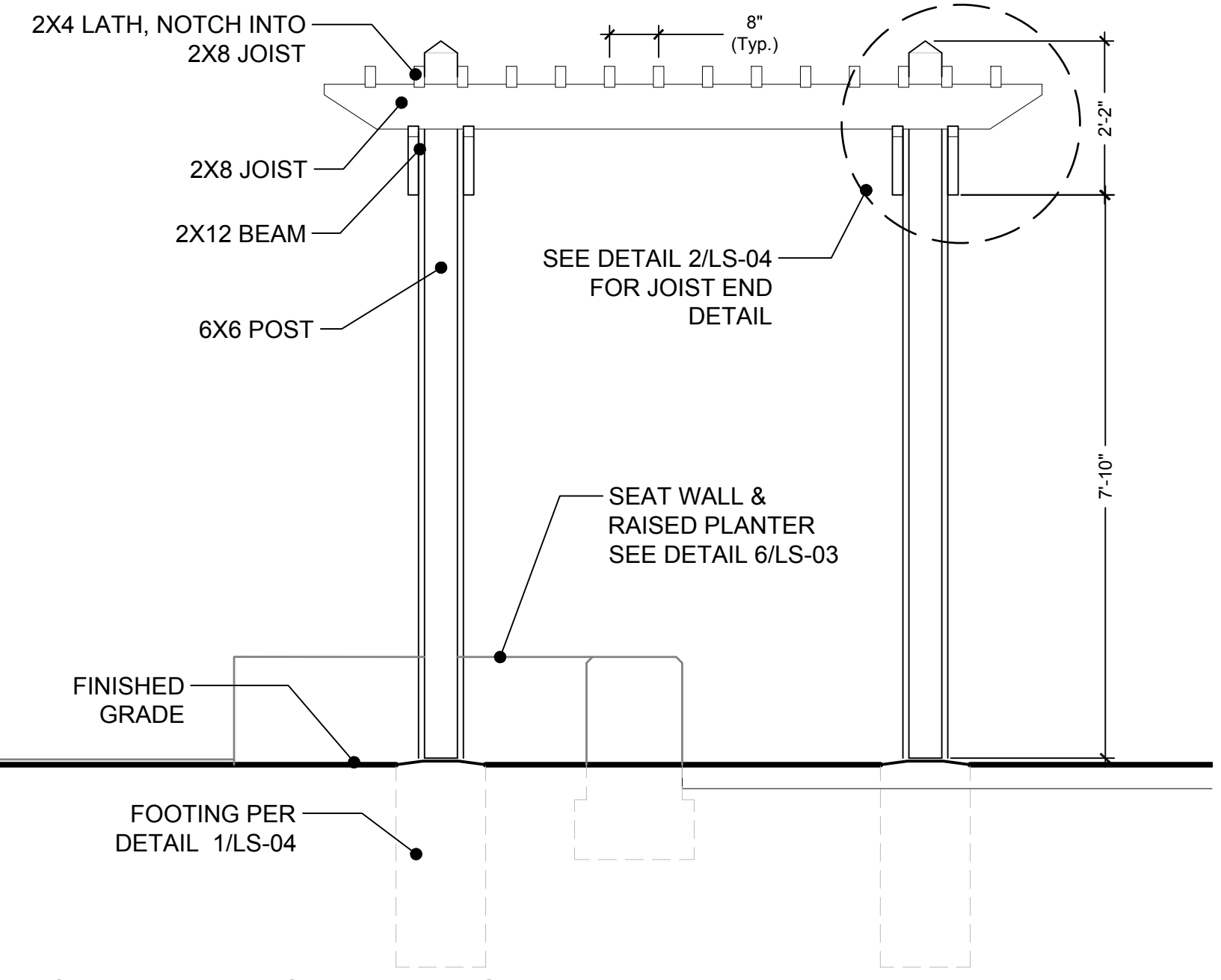
1 POST TO FOOTING CONNECTION
1/2" = 1'-0" P-CI-BUC-26



2 JOIST END
1 1/2" = 1'-0" P-CI-BUC-37

ENLARGED PLAN - TRELLIS

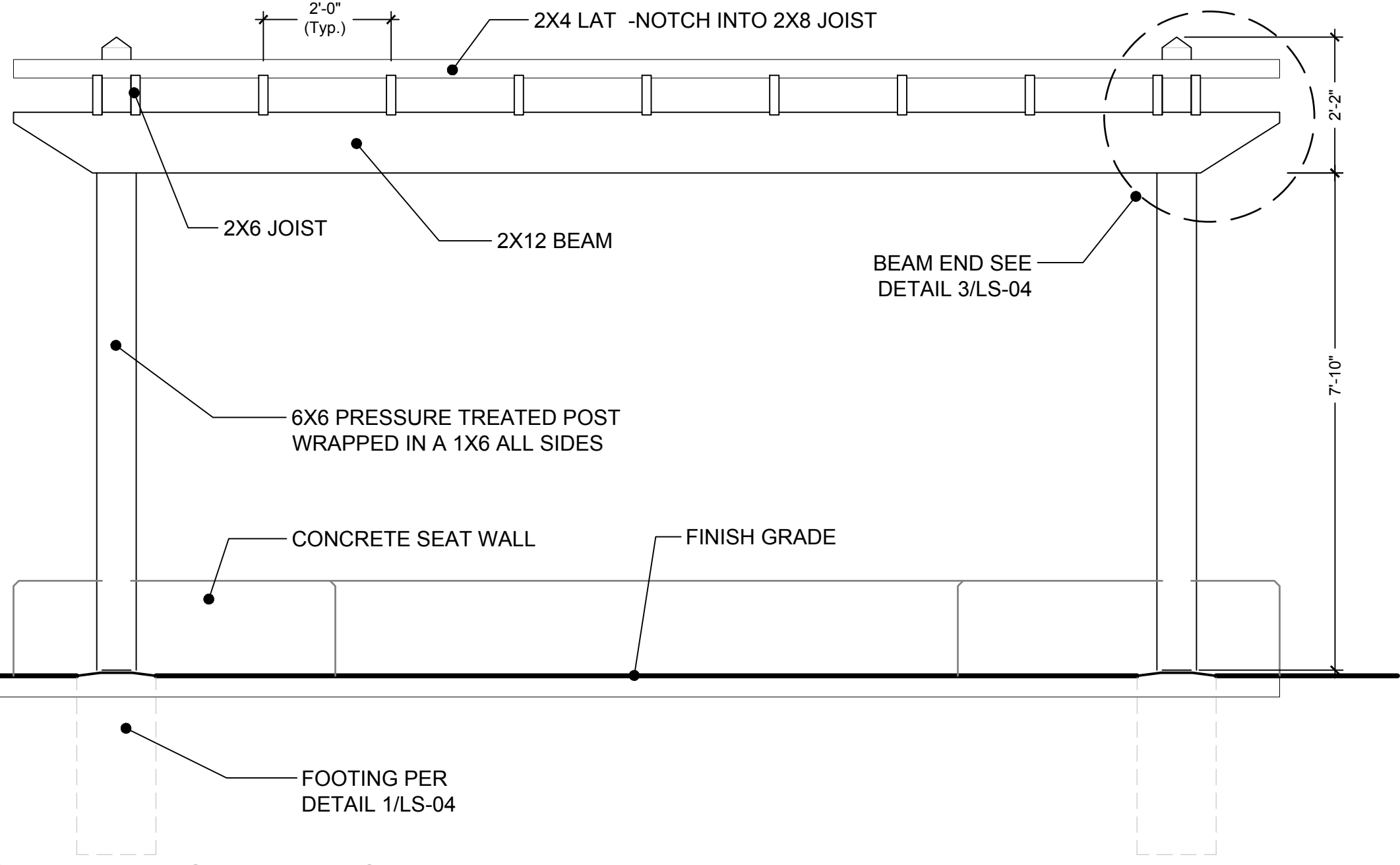
1/4" = 1'-0" SCALE: 1/2" = 1'-0"



SIDE ELEVATION - TRELLIS
1/2" = 1'-0"

FRONT ELEVATION - TRELLIS

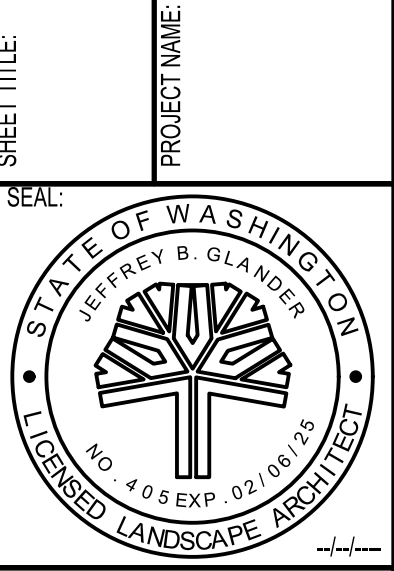
1/2" = 1'-0"



REVISIONS	DATE	BY

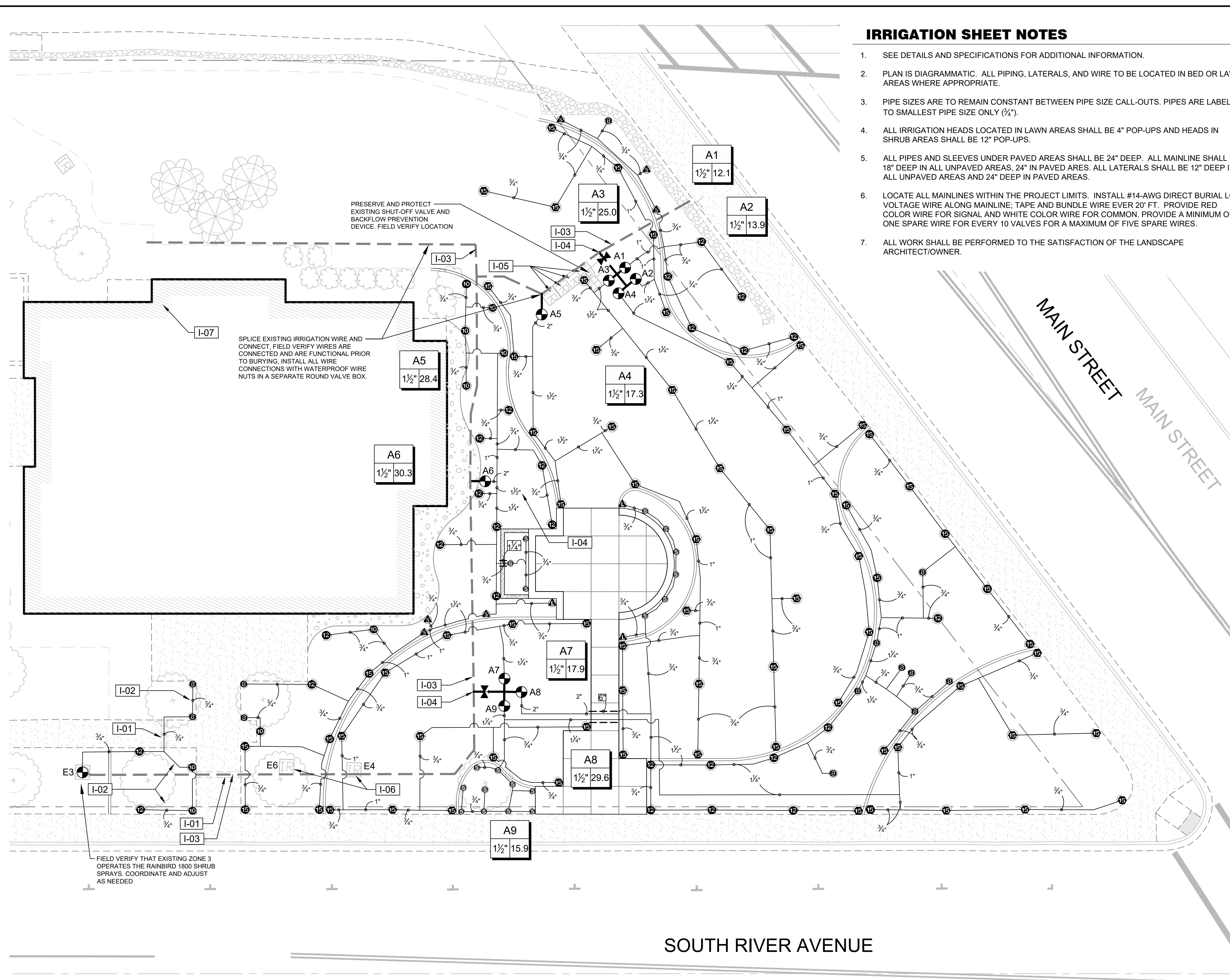
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P: 360.352.1465
SCJALLIANCE.COM

TRELLIS DETAILS
BUCKLEY LIBRARY PROPERTY
123 SOUTH RIVER AVENUE
BUCKLEY, WASHINGTON 98021



DESIGNER: A. VOS
DRAWN BY: A. VOS
APPROVED BY: J. GLANDER
DATE: SEPTEMBER 2023
JOB NO: 23-000393
DRAWING FILE NO: 23-000393 X-LS
DRAWING NO: LS-04

Nov 03, 2023 9:25:44am User: jlander Location: N:\PROJECTS\0524 PIERCE COUNTY LIBRARY SYSTEM\23-000393 BUCKLEY LIBRARY(CAD)_23-000393 X-LS.DWG



IRRIGATION SHEET NOTES

- SEE DETAILS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- PLAN IS DIAGRAMMATIC. ALL PIPING, LATERALS, AND WIRE TO BE LOCATED IN BED OR LAWN AREAS WHERE APPROPRIATE.
- PIPE SIZES ARE TO REMAIN CONSTANT BETWEEN PIPE SIZE CALL-OUTS. PIPES ARE LABELED TO SMALLEST PIPE SIZE ONLY (3/4").
- ALL IRRIGATION HEADS LOCATED IN LAWN AREAS SHALL BE 4" POP-UPS AND HEADS IN SHRUB AREAS SHALL BE 12" POP-UPS.
- ALL PIPES AND SLEEVES UNDER PAVED AREAS SHALL BE 24" DEEP. ALL MAINLINE SHALL BE 18" DEEP IN ALL UNPAVED AREAS, 24" IN PAVED AREAS. ALL LATERALS SHALL BE 12" DEEP IN ALL UNPAVED AREAS AND 24" DEEP IN PAVED AREAS.
- LOCATE ALL MAINLINES WITHIN THE PROJECT LIMITS. INSTALL #14-AWG DIRECT BURIAL LOW VOLTAGE WIRE ALONG MAINLINE; TAPE AND BUNDLE WIRE EVERY 20' FT. PROVIDE RED COLOR WIRE FOR SIGNAL AND WHITE COLOR WIRE FOR COMMON. PROVIDE A MINIMUM OF ONE SPARE WIRE FOR EVERY 10 VALVES FOR A MAXIMUM OF FIVE SPARE WIRES.
- ALL WORK SHALL BE PERFORMED TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT/OWNER.

IRRIGATION SCHEDULE

SYMBOL	DESCRIPTION
I-01	APPROXIMATE LOCATION OF EXISTING SLEEVE
I-02	CONNECT NEW SHRUB HEADS TO EXISTING ZONE E3. DISCONNECT AND ABANDON EXISTING LAWN SPRAY HEADS (SAME LOCATIONS) FROM ZONE E2 IN PLACE.
I-03	EXISTING 2" MAINLINE. FIELD VERIFY LOCATION AND FUNCTIONALITY. REPAIR AS NEEDED
I-04	CONNECT NEW ZONE VALVES TO EXISTING 2" MAINLINE
I-05	EXISTING VALVE TO BE DEMOLISHED IN PRECEEDING CONTAMINATED SOIL REMOVAL PHASE
I-06	EXISTING VALVE TO BE DEMOLISHED WITH THIS REDESIGN
I-07	CONNECT NEW VALVES TO EXISTING (22) STATION ESP-ME CONTROLLER IN MECH/ELECT ROOM, THIS GENERAL AREA. TRENCH ADDITIONAL WIRES ALONG THE EDGE OF GRASS (IN LANDSCAPE AREA, REPAIR LANDSCAPE AS NEEDED. CONTRACTOR SHALL ASSUME A MINIMUM OF 9 NEW WIRES TO BE INSTALLED

IRRIGATION SCHEDULE

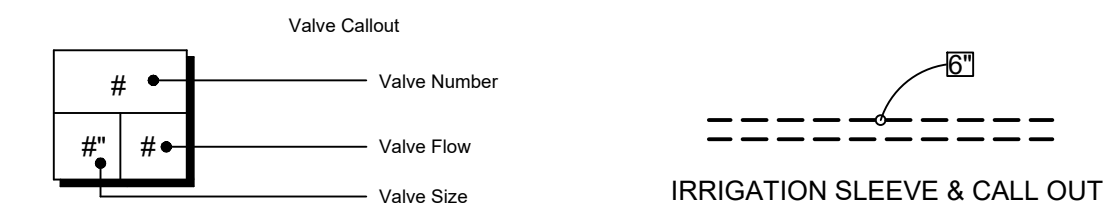
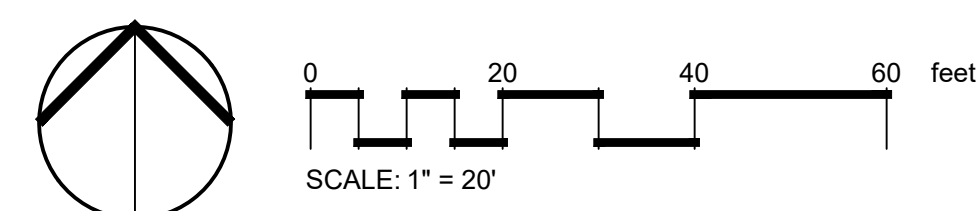
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	DETAIL
EST LCS RCS CST SST	RAIN BIRD 1804-PRS 15 STRIP SERIES TURF SPRAY 4.0IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2IN. NPT FEMALE THREADED INLET. PRESSURE REGULATING.	2/IR-02
Q H F	RAIN BIRD 1804-PRS 5 SERIES MPR TURF SPRAY 4.0IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2IN. NPT FEMALE THREADED INLET. PRESSURE REGULATING.	2/IR-02
Q T H F	RAIN BIRD 1804-PRS 8 SERIES MPR TURF SPRAY 4.0IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2IN. NPT FEMALE THREADED INLET. PRESSURE REGULATING.	2/IR-02
Q T H F	RAIN BIRD 1804-PRS 10 SERIES MPR TURF SPRAY 4.0IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2IN. NPT FEMALE THREADED INLET. PRESSURE REGULATING.	2/IR-02
Q T H TQ F	RAIN BIRD 1804-PRS 12 SERIES MPR TURF SPRAY 4.0IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2IN. NPT FEMALE THREADED INLET. PRESSURE REGULATING.	2/IR-02
Q T H TQ F	RAIN BIRD 1804-PRS 15 SERIES MPR TURF SPRAY 4.0IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2IN. NPT FEMALE THREADED INLET. PRESSURE REGULATING.	2/IR-02
Q T H TQ F	RAIN BIRD 1804-PRS ADJ TURF SPRAY 4.0IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2IN. NPT FEMALE THREADED INLET. PRESSURE REGULATING.	2/IR-02
EST LCS RCS CST SST	RAIN BIRD 1812-PRS 15 STRIP SERIES SHRUB SPRAY 12IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. SIDE AND BOTTOM INLET. 1/2IN. NPT FEMALE THREADED INLET. WITH PRESSURE REGULATING DEVICE.	2/IR-02
Q H F	RAIN BIRD 1812-PRS 5 SERIES MPR SHRUB SPRAY 12IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. SIDE AND BOTTOM INLET. 1/2IN. NPT FEMALE THREADED INLET. WITH PRESSURE REGULATING DEVICE.	2/IR-02
Q T H F	RAIN BIRD 1812-PRS 8 SERIES MPR SHRUB SPRAY 12IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. SIDE AND BOTTOM INLET. 1/2IN. NPT FEMALE THREADED INLET. WITH PRESSURE REGULATING DEVICE.	2/IR-02
Q T H F	RAIN BIRD 1812-PRS 10 SERIES MPR SHRUB SPRAY 12IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. SIDE AND BOTTOM INLET. 1/2IN. NPT FEMALE THREADED INLET. WITH PRESSURE REGULATING DEVICE.	2/IR-02
Q T H TQ F	RAIN BIRD 1812-PRS 12 SERIES MPR SHRUB SPRAY 12IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. SIDE AND BOTTOM INLET. 1/2IN. NPT FEMALE THREADED INLET. WITH PRESSURE REGULATING DEVICE.	2/IR-02
Q T H TQ F	RAIN BIRD 1812-PRS 15 SERIES MPR SHRUB SPRAY 12IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. SIDE AND BOTTOM INLET. 1/2IN. NPT FEMALE THREADED INLET. WITH PRESSURE REGULATING DEVICE.	2/IR-02
Q T H TQ F	RAIN BIRD 1812-PRS ADJ SHRUB SPRAY 12IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. SIDE AND BOTTOM INLET. 1/2IN. NPT FEMALE THREADED INLET. WITH PRESSURE REGULATING DEVICE.	2/IR-02
Symbol	MANUFACTURER/MODEL/DESCRIPTION	DETAIL
Symbol	RAIN BIRD PEB 1IN., 1-1/2IN., 2IN. PLASTIC INDUSTRIAL VALVES. LOW FLOW OPERATING CAPABILITY, GLOBE CONFIGURATION.	1/IR-02
Symbol	SHUT OFF VALVE B & K #107-900 SERIES. BRASS BALL VALVE W/ BRASS UNIONS (MATCH LINE SIZE)	3/IR-02
Symbol	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21	
Symbol	NEW IRRIGATION MAINLINE: PVC SCHEDULE 40	
Symbol	EXISTING IRRIGATION MAINLINE: PVC SCHEDULE 40	
Symbol	PIPE SLEEVE: PVC CLASS 200 SDR 21 INSTALL AT 24" DEPTH	

VALVE SCHEDULE

NUMBER	MODEL	SIZE	TYPE	GPM
A1	RAIN BIRD PEB	1-1/2"	SHRUB SPRAY	12.14
A2	RAIN BIRD PEB	1-1/2"	TURF SPRAY	13.89
A3	RAIN BIRD PEB	1-1/2"	TURF SPRAY	24.99
A4	RAIN BIRD PEB	1-1/2"	TURF SPRAY	17.27
A5	RAIN BIRD PEB	1-1/2"	TURF SPRAY	28.38
A6	RAIN BIRD PEB	1-1/2"	SHRUB SPRAY	30.25
A7	RAIN BIRD PEB	1-1/2"	SHRUB SPRAY	31.52
A8	RAIN BIRD PEB	1-1/2"	TURF SPRAY	13.96
A9	RAIN BIRD PEB	1-1/2"	TURF SPRAY	17.54
Unknown	RAIN BIRD PEB	1-1/2"	SHRUB SPRAY	4.04

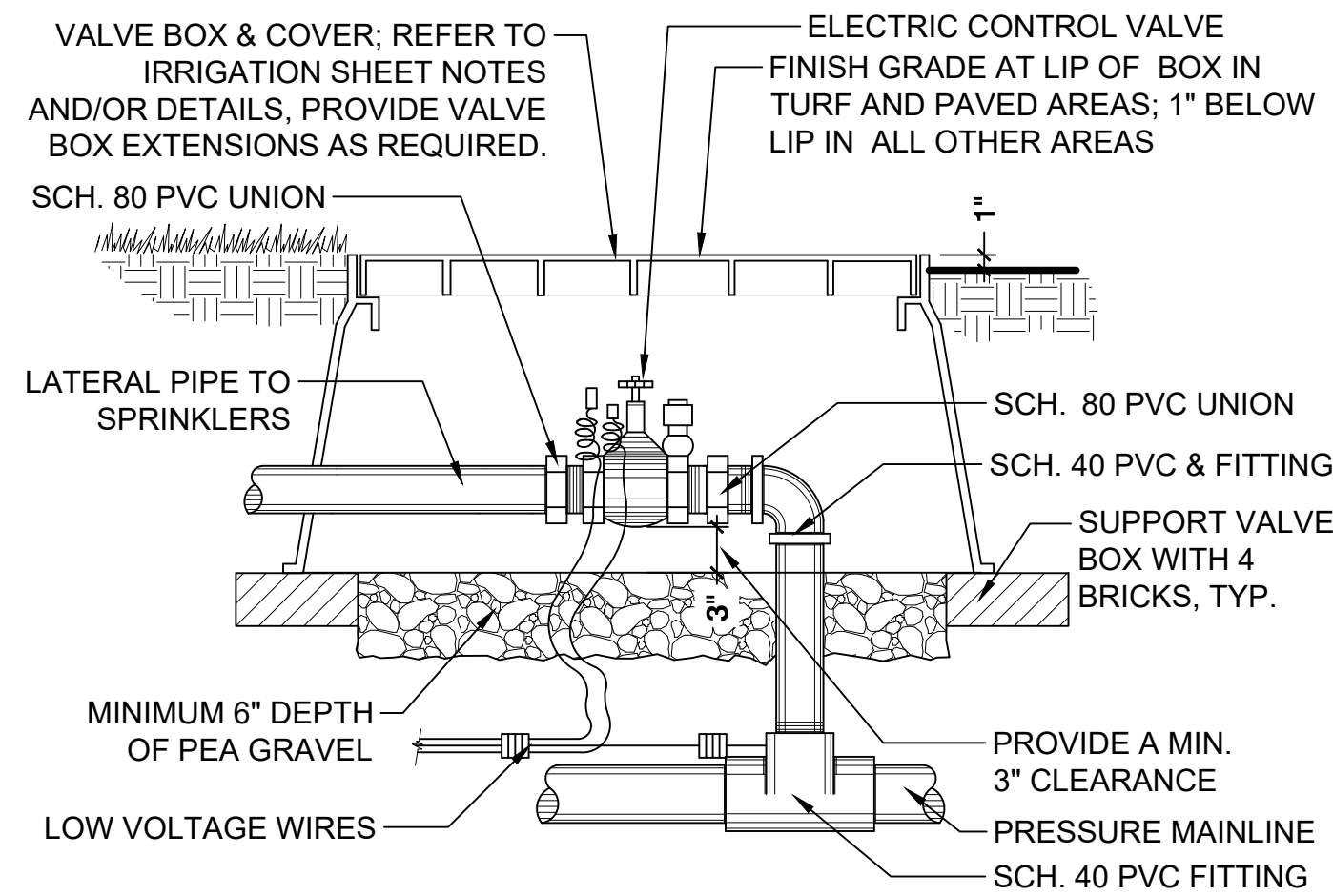
SOUTH RIVER AVENUE

SOUTH RIVER AVENUE



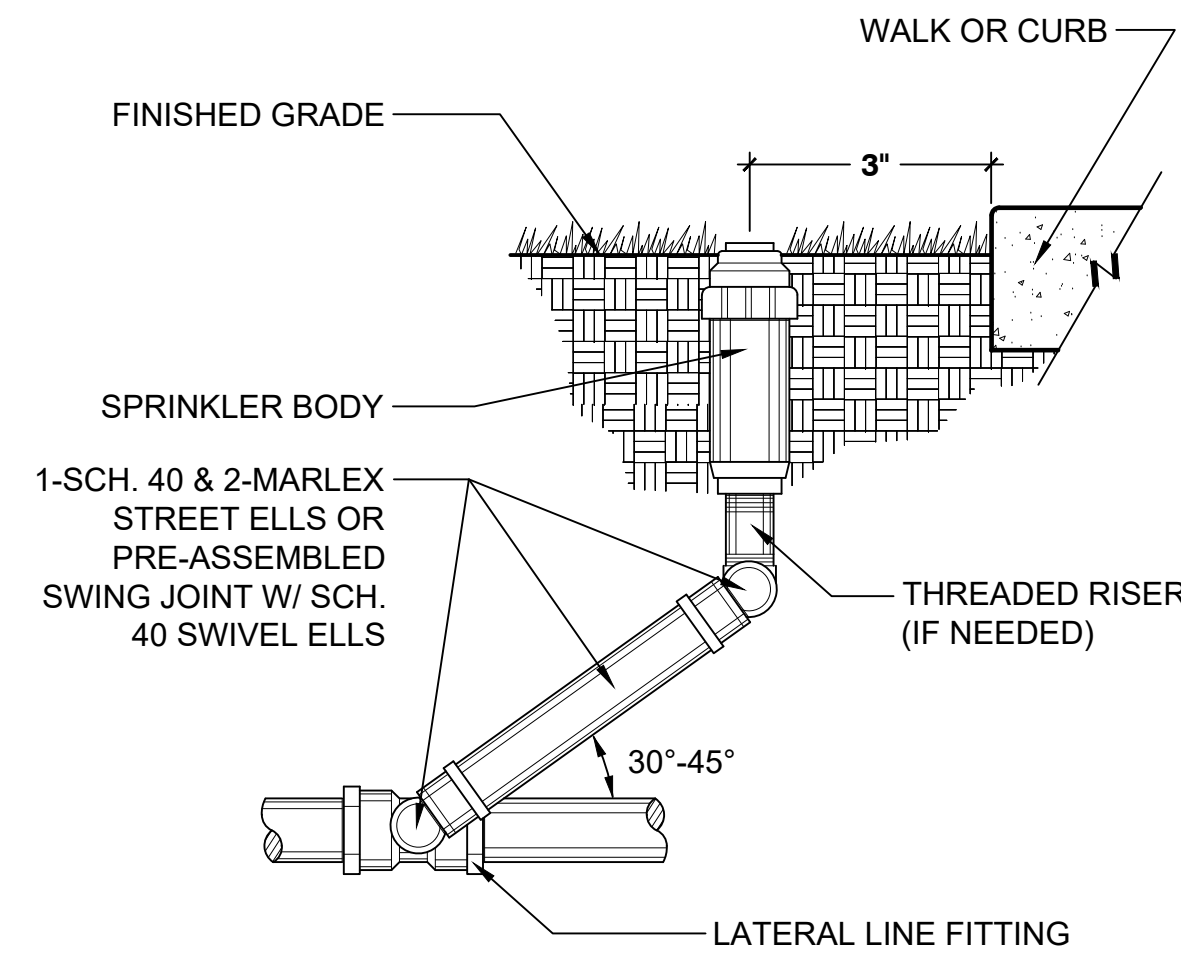
Nov 03, 2023 3:40:27pm User: jglanders
 No. PROJECTS 0554 FENCE COUNTY LIBRARY SYSTEM 21-000393 BUCKLEY LIBRARY (CAD) 21-000393 14-10.DWG

BY		DATE		REVISIONS					
<p style="text-align: center; margin: 0;"> SCJ ALLIANCE CONSULTING SERVICES 8730 TALLON LANE NE, SUITE 200, LACEY, WA 98516 P: 360.352.1465 SCJALLIANCE.COM </p>									
IRRIGATION PLAN					BUCKLEY LIBRARY PROPERTY 123 SOUTH RIVER AVENUE BUCKLEY, WASHINGTON 98021				
DESIGNER: C. OWEN DRAWN BY: C. OWEN APPROVED BY: J. GLANDER DATE: SEPTEMBER 2023 JOB NO: 23-000393 DRAWING FILE NO: 23-000393.XJR DRAWING NO: IR-01 SHEET NO: 5 OF 6									

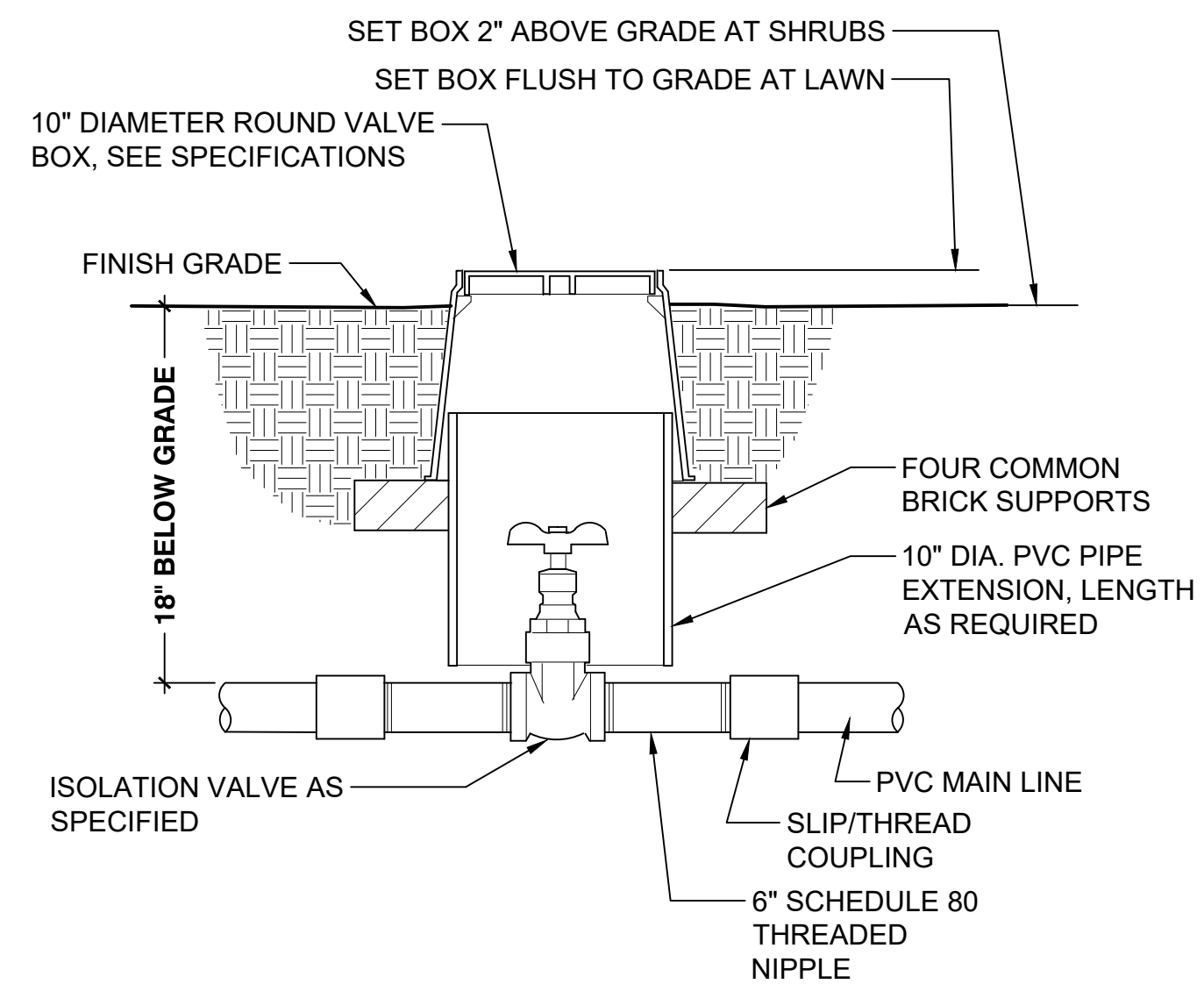


NOTE: ALL WIRES TO BE INSTALLED AS PER LOCAL CODES. NO "IN-LINE" WIRE SPLICES ALLOWED. TAPE AND BUNDLE WIRES EVERY 20 FEET. PROVIDE EXPANSION COILS AT EACH VALVE - WRAPPING WIRE AROUND 1/2" PIPE 15 TIMES. ALL THREADED CONNECTIONS SHALL BE MADE WITH TEFLON TAPE.

1 ELECTRONIC CONTROL VALVE
1" = 1'-0" P-CI-BUC-12



2 POP-UP SPRINKLER HEAD
N.T.S. P-CI-BUC-05



3 SHUT OFF VALVE
1 1/2" = 1'-0" P-CI-BUC-09

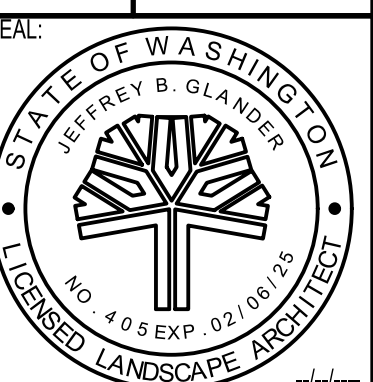
IRRIGATION SPECIFICATIONS

- THIS PLAN IS DIAGRAMMATIC; ALL PIPING, VALVES, ETC. SHALL BE INSTALLED IN SHRUB BEDS WHERE POSSIBLE AND SHALL FOLLOW THE PLAN AS CLOSE AS IS PRACTICAL.
- LOCATE ALL MAINLINES WITHIN THE PROJECT LIMITS.
- PIPE SIZES ARE CONSTANT BETWEEN PIPE SIZE CALL-OUTS. ALL LATERAL PIPES SHALL BE INSTALLED AT 12" DEPTH AND 24" DEPTH UNDER PAVED AREAS. MAINLINE PIPE SHALL BE INSTALLED AT 18" BELOW GRADE AND 24" BELOW PAVED AREAS.
- REFER TO DETAILS FOR ADDITIONAL INFORMATION.
- ALL PIPING AND WIRING UNDER PAVED AREAS SHALL BE HOUSED IN CLASS 200 PVC SLEEVES INSTALLED AT A 24" DEPTH. SIZE SLEEVES AS NEEDED TO ACCOMMODATE PIPE AND WIRES, UNLESS OTHERWISE SPECIFIED ON DRAWING.
- CONTRACTOR SHALL MAKE FIELD ADJUSTMENTS AS NEEDED TO OBTAIN FULL COVERAGE. LANDSCAPE ARCHITECT RESERVES THE RIGHT TO MAKE NOZZLE CHANGES AS NEEDED AT NO ADDITIONAL COST. ADJUST HEAD POSITIONS AND ADD OR DELETE HEADS AS NEEDED DEPENDING ON ACTUAL FIELD CONDITIONS.
- ALL MANUAL, GATE AND ELECTRICAL VALVES AND OTHER UNDERGROUND EQUIPMENT SHALL BE HOUSED IN NELSON, AMETEK OR EQUAL RECTANGULAR VALVE BOXES.
- NO IN-LINE WIRE SPLICES ALLOWED. SUPPLY VALVE BOXES AT ALL ELECTRICAL JUNCTIONS. TAPE AND BUNDLE WIRES EVERY 25 LINEAR FEET.
- CONTRACTOR IS RESPONSIBLE FOR COMPLETE SYSTEM DRAINAGE. INSTALL KING BROS. 1/2" AUTOMATIC DRAIN VALVES AT LATERAL LINE LOW POINT(S). INSTALL MANUAL DRAINS AT ALL MAINLINE LOW POINT(S) AND WHERE INDICATED ON PLAN. CONTRACTOR SHALL PROVIDE ADJUSTABLE CHECK VALVES ON ANY IRRIGATION HEAD THAT EXPERIENCES LOW HEAD DRAINAGE.
- ALL THREADED PIPE CONNECTIONS SHALL BE MADE USING TEFLON TAPE WRAPPED AT LEAST THREE TIMES AROUND PIPE THREADS.
- ALL GATE AND ELECTRIC VALVES SHALL BE INSTALLED WITH UNIONS ON THE DOWNSTREAM END OF THE VALVE (REFER TO DETAILS).
- ALL PIPE SHALL HAVE A FIRM UNIFORM BEARING FOR THE ENTIRE LENGTH OF EACH LINE, FREE OF ROCKS OR DEBRIS. ALL TRENCHES CONTAINING PIPE AND/OR WIRES SHALL BE BACKFILLED WITH CLEAN TOPSOIL, FREE OF ALL LUMBER, RUBBISH AND ROCKS OVER 1" IN SIZE, OR CLEAN SAND IF CLEAN TOPSOIL IS NOT AVAILABLE.
- CONTRACTOR SHALL PROVIDE OWNER WITH ONE SET OF AS-BUILT RECORD DRAWINGS SHOWING EXACT ACTUAL LOCATIONS OF ALL SPRINKLER EQUIPMENT. CONTRACTOR SHALL ORIENT OWNER WITH COMPLETE SYSTEM AND CONTROLLER OPERATIONS, AND WINTERIZATION PROCEDURES.
- CONTRACTOR SHALL SUPPLY AND INSTALL ALL EQUIPMENT SHOWN ON THE PLANS AND INDICATED IN THE SPECIFICATIONS TO ACHIEVE PROPER OPERATION OF SAID EQUIPMENT. ALL EQUIPMENT INSTALLATIONS, ELECTRICAL AND PLUMBING CONNECTIONS SHALL BE IN CONFORMANCE WITH ALL APPLICABLE CODES AND ORDINANCES, THESE SPECIFICATIONS, AND THE MANUFACTURERS RECOMMENDATIONS WHETHER INDICATED ON THE DRAWINGS OR NOT.
- CONTRACTOR SHALL INCLUDE IN HIS BID ONE FALL WINTERIZATION AND ONE SPRING ACTIVATION OF IRRIGATION SYSTEM. THESE ACTIVITIES SHALL BE INCLUDED AS PART OF OWNER ORIENTATION PROCEDURES. ANY DAMAGE TO THE IRRIGATION SYSTEM OR THE LANDSCAPE AS A RESULT OF FAILURE TO COMPLY WITH THESE REQUIREMENTS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- CONTRACTOR SHALL GUARANTEE IN WRITING ON HIS COMPANY LETTERHEAD ALL MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE FULL YEAR FOLLOWING ACCEPTANCE OF SYSTEM INSTALLATION.
- BACKFLOW PREVENTOR SHALL BE INSPECTED AND TESTED BY A CERTIFIED BACKFLOW DEVICE INSPECTOR. PROVIDE OWNER WITH ONE COPY OF APPROVAL CERTIFICATE.

BY	DATE	REVISIONS

SCJ ALLIANCE
CONSULTING SERVICES
8730 TALLON LANE NE, SUITE 200, LACEY, WA 98516
P: 360.352.1465
SCJALLIANCE.COM

IRRIGATION NOTES & DETAILS
PROJECT NAME:
BUCKLEY LIBRARY PROPERTY
123 SOUTH RIVER AVENUE
BUCKLEY, WASHINGTON 98021



DESIGNER: C. OWEN
DRAWN BY: C. OWEN
APPROVED BY: J. GLANDER
DATE: SEPTEMBER 2023
JOB NO: 23-000393
DRAWING FILE NO: 23-000393 X-IR
DRAWING NO: IR-02
SHEET NO: 6 OF 6

Nov 03, 2023 3:40:20pm User: jglander Location: N:\PROJECTS\0524 FENCE COUNTY LIBRARY SYSTEM\23-000393 BUCKLEY LIBRARY(CAD)_23-000393 X-IR.DWG