

WASHINGTON STATE PARKS & RECREATION COMMISSION

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FIELD OPERATIONS MANAGER

06/16/2025

date

Kyle Murphy

CAPITAL PROGRAM MANAGER

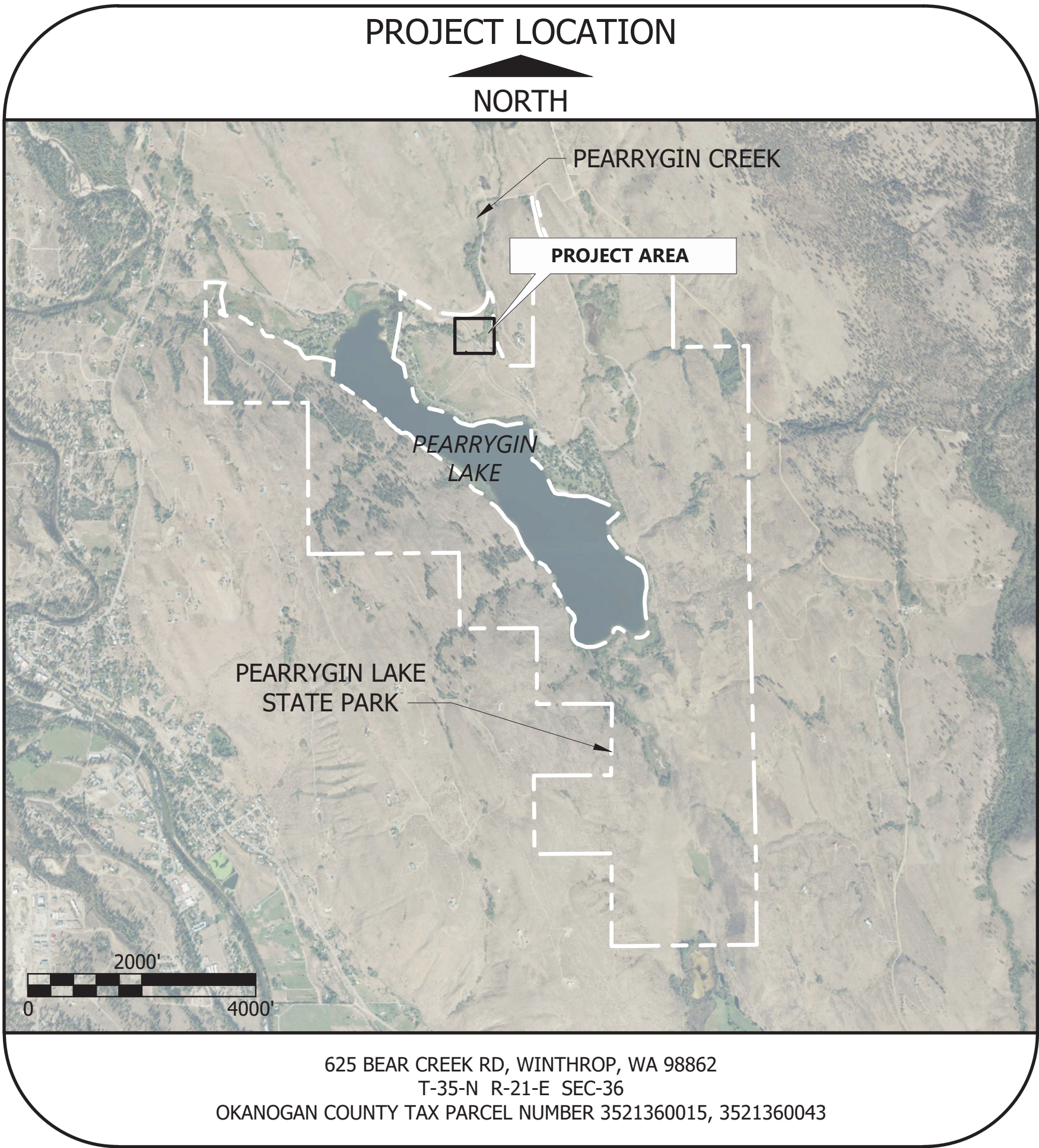
6/4/2025

date

PEARRYGIN LAKE STATE PARK

CREEK CHANNEL STABILIZATION

AREA MANAGER: CINDI CONFER MORRIS



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Jun 16, 2025 10:42am chawett K:\Projects\0363-WA State Parks\Pearrygin Lake State Park\Construction Plans\0363-PL-Sheet Index Legend Abbrev Notes.dwg PROJECT TEAM

PROJECT TEAM

OWNER: STATE OF WASHINGTON
PARKS AND RECREATION COMMISSION
1111 ISRAEL ROAD SOUTHWEST POST
OFFICE BOX 42650
OLYMPIA, WASHINGTON 98504-2650
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PROJECT ARCHITECTURAL AND ENGINEERING CONSULTANTS

PROJECT LEAD
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ARCHITECTURE,
CIVIL, AND
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PEARRYGIN LAKE
STATE PARK

CREEK CHANNEL
STABILIZATION

PROJECT TEAM

SCALE

SHEET 2 OF 19

100% DESIGN

PARKS FILE#

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SURVEY NOTES:

1.

WASHINGTON STATE PARK PEARRYGIN LAKE CAMPGROUND APRIL 2021 TOPOGRAPHIC MAP COMPLETED BY ERLANDSEN SURVEYING, PLANNING, DESIGNING.
2.

HORIZONTAL DATUM: WASHINGTON STATE PLANE, NORTH ZONE, NAD 83 (1991)
3.

VERTICAL DATUM: NAVD88
4.

CONTOUR INTERVAL: 1 FOOT
5.

SURVEY NOTES THAT ADDITIONAL UTILITIES MAY EXIST (REFER TO EXISTING UTILITY NOTES BELOW).
6.

SUBSURFACE UTILITY LOCATIONS SHOWN ON SURVEY ARE APPROXIMATE. CONTRACTOR TO POT HOLE PRIOR TO CONSTRUCTION AND CONFIRM UTILITY LOCATIONS.
7.

SURVEY DELINEATED ORDINARY HIGH WATER.

EXISTING UTILITY NOTES

1.

THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THESE DRAWINGS ARE APPROXIMATE AND ARE BASED ON SURVEYED UTILITY MARKINGS AND FEATURES VISIBLE AT THE SURFACE, SUPPLEMENTED BY UTILITY MAPPING FROM WASHINGTON STATE PARKS THAT IS LIKELY OUT OF DATE AND HAS NOT BEEN FIELD VERIFIED.
2.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD LOCATING ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CALL THE UTILITY LOCATION REQUEST CENTER (ONE-CALL CENTER) AT 811 OR 1-800-424-5555 FOR UTILITY LOCATIONS NOT LESS THAN TWO (2) BUSINESS DAYS BEFORE THE SCHEDULED DATE FOR TRENCHING OR EARTHWORK THAT MAY IMPACT EXISTING UTILITIES.
3.

THE SIZE, LOCATION, AND TYPE OF UNDERGROUND UTILITIES EXPOSED OR MODIFIED BY THE CONTRACTOR SHALL BE ACCURATELY NOTED AND PLACED ON THE CONTRACTOR'S RECORD DRAWINGS.
4.

THE CONDITION OF ALL ABANDONED UTILITIES THAT INTERFERE WITH EXECUTION OF THE WORK SHALL BE VERIFIED BY THE UTILITY OWNER PRIOR TO DISTURBANCE OR MODIFICATION. THE CONTRACTOR MAY ONLY TAKE ACTION AFTER WRITTEN APPROVAL HAS BEEN RECEIVED FROM THE UTILITY OWNER BY WASHINGTON STATE PARKS.
5.

THE CONTRACTOR SHALL ENSURE THAT OPERATIONS OF EXISTING SEWER, WATER, POWER, TELECOMMUNICATIONS, AND OTHER UTILITY SYSTEMS ARE NOT DISRUPTED DURING CONSTRUCTION UNLESS NECESSARY FOR UTILITY WORK SHOWN ON THESE PLANS. THE CONTRACTOR SHALL PROVIDE WASHINGTON STATE PARKS WITH 1 WEEK MIN. ADVANCE WRITTEN NOTICE OF ANY NECESSARY DISRUPTION TO SERVICES AND SHUT DOWN SHALL REQUIRE WRITTEN APPROVAL BY WASHINGTON STATE PARKS.

GENERAL CONSTRUCTION NOTES

1.

UNLESS OTHERWISE INDICATED ON THE DRAWINGS OR IN THE SPECIFICATIONS, ALL MATERIALS AND WORKMANSHIP SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE CURRENT WASHINGTON STATE PARKS STANDARDS, OKANAGAN COUNTY STANDARD CODE, THE WSDOT STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION (CURRENT EDITION), AND OTHER APPLICABLE CODES AND STANDARDS.
2.

THE CONTRACTOR SHALL HAVE COPIES OF THE APPROVED DRAWINGS, APPLICABLE WASHINGTON STATE PARKS AND OKANAGAN COUNTY STANDARDS, AND THE WSDOT STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION (CURRENT EDITION) ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
3.

THE CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO CONSTRUCTION AND SHALL BE RESPONSIBLE FOR VERIFYING FIELD CONDITIONS AND DIMENSIONS, AND CONFIRMING THAT THE WORK CAN BE ACCOMPLISHED AS SHOWN ON THESE DRAWINGS. ANY DISCREPANCIES BETWEEN THE EXISTING FIELD CONDITIONS AND THE DRAWINGS OR ANY INCONSISTENCIES OR AMBIGUITIES BETWEEN THE DRAWINGS AND OTHER CONTRACT DOCUMENTS SHALL BE REPORTED IN WRITING TO THE OWNER (WASHINGTON STATE PARKS) PRIOR TO PROCEEDING WITH THE WORK. WORK DONE BY THE CONTRACTOR INVOLVING SUCH DISCREPANCIES WITHOUT A WRITTEN REPORT AND RESPONSE FROM THE OWNER SHALL BE DONE AT THE CONTRACTOR'S SOLE RISK AND EXPENSE.
4.

THE CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND IS NOT LIMITED TO NORMAL WORKING HOURS.
5.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE SAFEGUARDS, SAFETY DEVICES, PROTECTIVE EQUIPMENT, FLAGGERS, AND ANY OTHER NEEDED ACTIONS TO PROTECT THE LIFE, HEALTH, AND SAFETY OF THE PUBLIC, AND TO PROTECT PROPERTY IN CONNECTION WITH THE PERFORMANCE OF WORK COVERED BY THE CONTRACT.
6.

THE CONTRACTOR SHALL PROVIDE STABLE TEMPORARY CUT SLOPES AND/OR SHORING AS NECESSARY FOR THE CONSTRUCTION AS SHOWN ON THESE DRAWINGS. THE STABILITY OF ALL TEMPORARY SLOPES AND SHORING IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. CARE SHALL BE TAKEN TO MINIMIZE DISTURBANCE TO EXISTING STREAM BANKS AND REDUCE PROJECT EXCAVATION AS IDENTIFIED ON THE CONSTRUCTION PLANS.
7.

THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THIS CONTRACT.
8.

THE CONTRACTOR SHALL MAKE ALL NECESSARY PROVISIONS TO PROTECT EXISTING STRUCTURES, SIGNS, FENCES, GATES, CURBS, ROADWAYS, DRAINAGE WAYS, CULVERTS, VEGETATION, AND OTHER IMPROVEMENTS UNLESS AND UNTIL SUCH ITEMS ARE TO BE DISTURBED OR REMOVED AS INDICATED ON THE DRAWINGS. IF SUCH ITEMS ARE DAMAGED OR NEED TO BE REMOVED OR MODIFIED TO FACILITATE CONSTRUCTION, THE CONTRACTOR SHALL FIRST NOTIFY WASHINGTON STATE PARKS AND THEN REPLACE OR REPAIR THE ITEMS TO EQUAL OR BETTER CONDITION TO THE SATISFACTION OF WASHINGTON STATE PARKS.
9.

THE CONTRACTOR SHALL NOT DISTURB OR DESTROY ANY EXISTING SURVEY MONUMENT OR BENCHMARK. ANY SURVEY MONUMENT OR BENCHMARK DISTURBED OR DESTROYED BY THE CONTRACTOR SHALL BE REPLACED AS DIRECTED BY WASHINGTON STATE PARKS.
10.

WHERE A CONSTRUCTION DETAIL IS NOT SHOWN OR NOTED, THE DETAIL SHALL BE THE SAME AS FOR OTHER SIMILAR WORK.
11.

THE DETAILS AND NOTES PROVIDED ON THE DRAWINGS AND IN THE SPECIFICATIONS SHALL TAKE PRECEDENCE OVER THESE GENERAL NOTES.
12.

DIMENSION CALL-OUTS SHALL TAKE PRECEDENCE OVER SCALES SHOWN ON THE CONTRACT DOCUMENTS.
13.

ALL MATERIALS SHALL BE NEW AND UNDAMAGED, UNLESS OTHERWISE APPROVED BY WASHINGTON STATE PARKS AND THE ENGINEER. THE SAME MANUFACTURER OF EACH ITEM SHALL BE USED THROUGHOUT THE WORK UNLESS OTHERWISE APPROVED BY WASHINGTON STATE PARKS AND THE ENGINEER.
14.

RUBBISH, DEBRIS, AND GARBAGE SHALL BE REMOVED FROM THE JOB SITE AND DISPOSED OF LEGALLY, AS ALLOWED BY THE WASHINGTON STATE PARKS STANDARDS AND THE WSDOT STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION (CURRENT EDITION).
15.

THE CONTRACTOR SHALL MAINTAIN HAND DRAWN REDLINES, FIELD NOTES AND PHOTOGRAPHS ("FIELD DOCUMENTATION") OF ALL IMPROVEMENTS AS THE WORK PROGRESSES, AS REQUIRED BY THE SPECIFICATIONS. THE CONTRACTOR SHALL ALSO TAKE PHOTOGRAPHS AND VIDEO TO DOCUMENT CONDITIONS PRIOR TO CONSTRUCTION. THE CONTRACTOR'S FIELD DOCUMENTATION SHALL BE MAINTAINED ON SITE AND SHALL BE AVAILABLE FOR REVIEW BY WASHINGTON STATE PARKS AND THE ENGINEER AT ALL TIMES.
16.

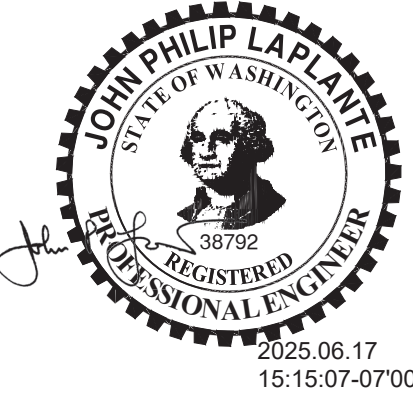
THE CONTRACTOR IS RESPONSIBLE FOR WORK AREA TURBIDITY MANAGEMENT, ISOLATION, DEWATERING, AND FISH EXCLUSION. FISH RESCUE AND RECOVERY BY OTHERS. PLANTING BY OTHERS.
17.

IN-STREAM WORK IS ONLY ALLOWED BETWEEN THE DATES PROVIDED IN THE PERMIT DOCUMENTS. SEE SPECIFICATIONS FOR FURTHER DETAIL.

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PEARRYGIN LAKE
STATE PARK

CREEK CHANNEL
STABILIZATION

GENERAL NOTES

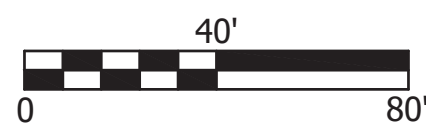
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LEGEND:

- PROJECT LIMITS
- PARCEL BOUNDARY
- EXISTING CONTOUR MAJOR (5' INTERVAL)
- EXISTING CONTOUR MINOR (1' INTERVAL)
- EXISTING TOP OF SLOPE
- EXISTING TOE OF SLOPE
- EXISTING ORDINARY HIGH WATER (SEE NOTES)
- EXISTING THALWEG (SEE NOTES)
- EXISTING OVERHEAD POWER LINE
- EXISTING UNDERGROUND POWER LINE
- EXISTING IRRIGATION MAIN LINE
- EXISTING FORCE MAIN (APPROXIMATE)
- EXISTING SEWER UTILITY
- EXISTING TREE

NOTES:

- SEE SHEET 3 FOR SURVEY AND GENERAL NOTES.



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PEARRYGIN LAKE
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CREEK CHANNEL
STABILIZATION

EXISTING
CONDITIONS

SCALE

1" = 40'

PARKS FILE#

SHEET 4 OF 19

100% DESIGN

LEGEND, EXISTING:

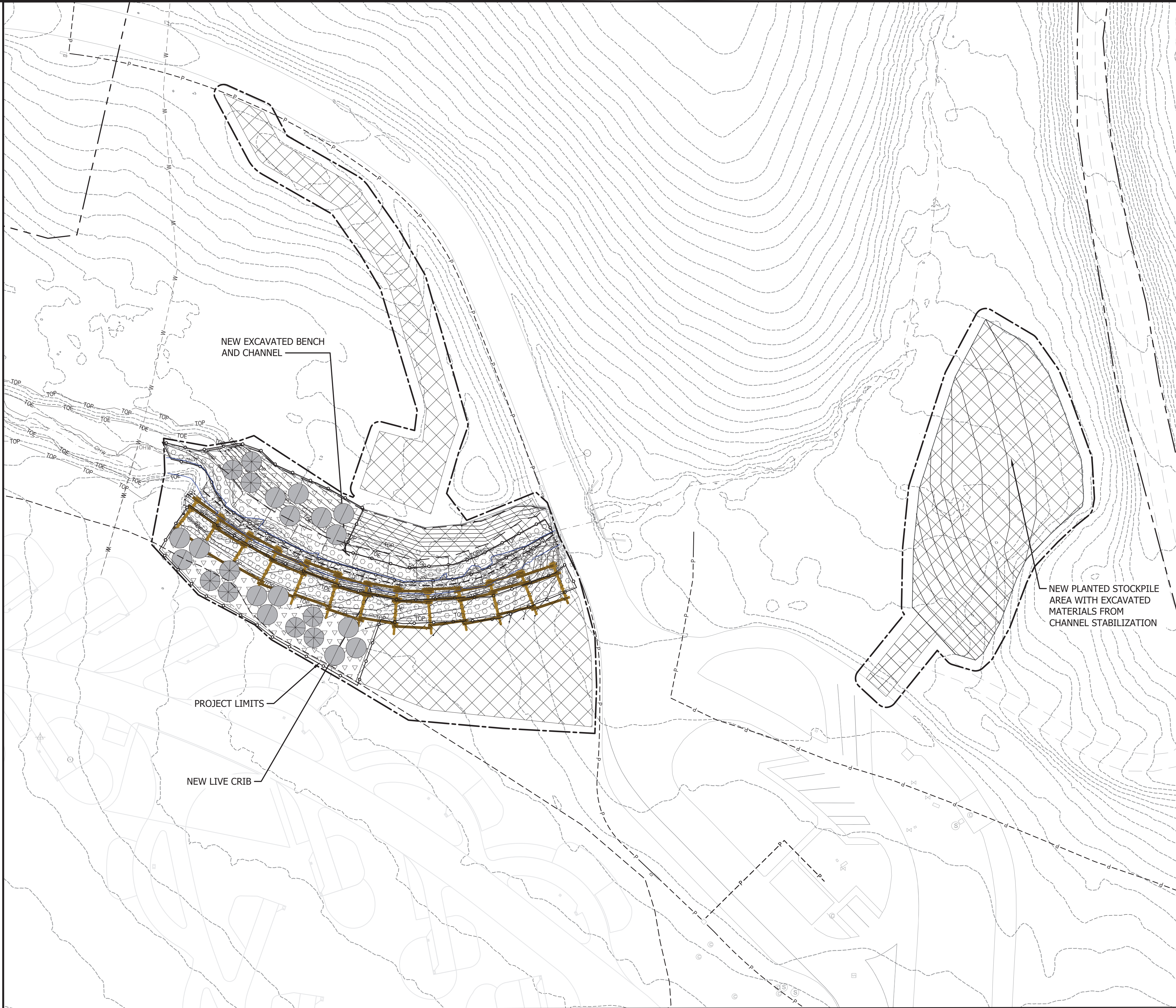
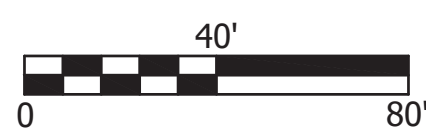
- PARCEL BOUNDARY
- EXISTING CONTOUR MAJOR (10' INTERVAL)
- EXISTING CONTOUR MINOR (2' INTERVAL)
- FUTURE CAMPGROUND DEVELOPMENT BOUNDARY
- EXISTING TOP OF SLOPE
- EXISTING TOE OF SLOPE
- EXISTING ORDINARY HIGH WATER
- EXISTING THALWEG
- EXISTING UNDERGROUND POWER LINE
- EXISTING IRRIGATION MAIN LINE
- EXISTING SEWER UTILITY

LEGEND, PROPOSED:

- PROJECT LIMITS
- GRADING LIMITS
- PROPOSED CONTOUR (1' INTERVAL)
- PROPOSED THALWEG
- PROPOSED 2 YEAR FLOOD LINE
- IMPORTED STREAMBED GRAVEL
- NEW OVERBANK RIPARIAN ZONE PLANTING
- NEW RIPARIAN PLANTING
- RESTORED TEMPORARY ACCESS AND STOCKPILE AREAS
- NEW CRIB BENCH LOG
- NEW TREE

NOTES:

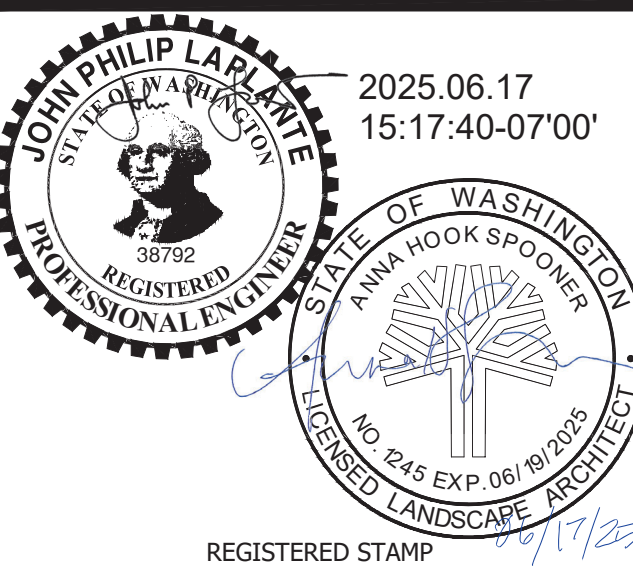
- SEE SHEET 3 FOR SURVEY AND GENERAL NOTES.
- FUTURE CAMPGROUND, PLANTING, AND ACCESS FEATURES ARE SHOWN FOR CONTEXT ONLY.



CAD NO. P220-6404-2025-0363-PL-Composite Site Plan.dwg

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WASHINGTON
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PEARRYGIN LAKE
STATE PARK

CREEK CHANNEL
STABILIZATION

COMPOSITE SITE
PLAN

SCALE
1" = 40'

PARKS FILE#

SHEET 5 OF 19

100% DESIGN

LEGEND, EXISTING

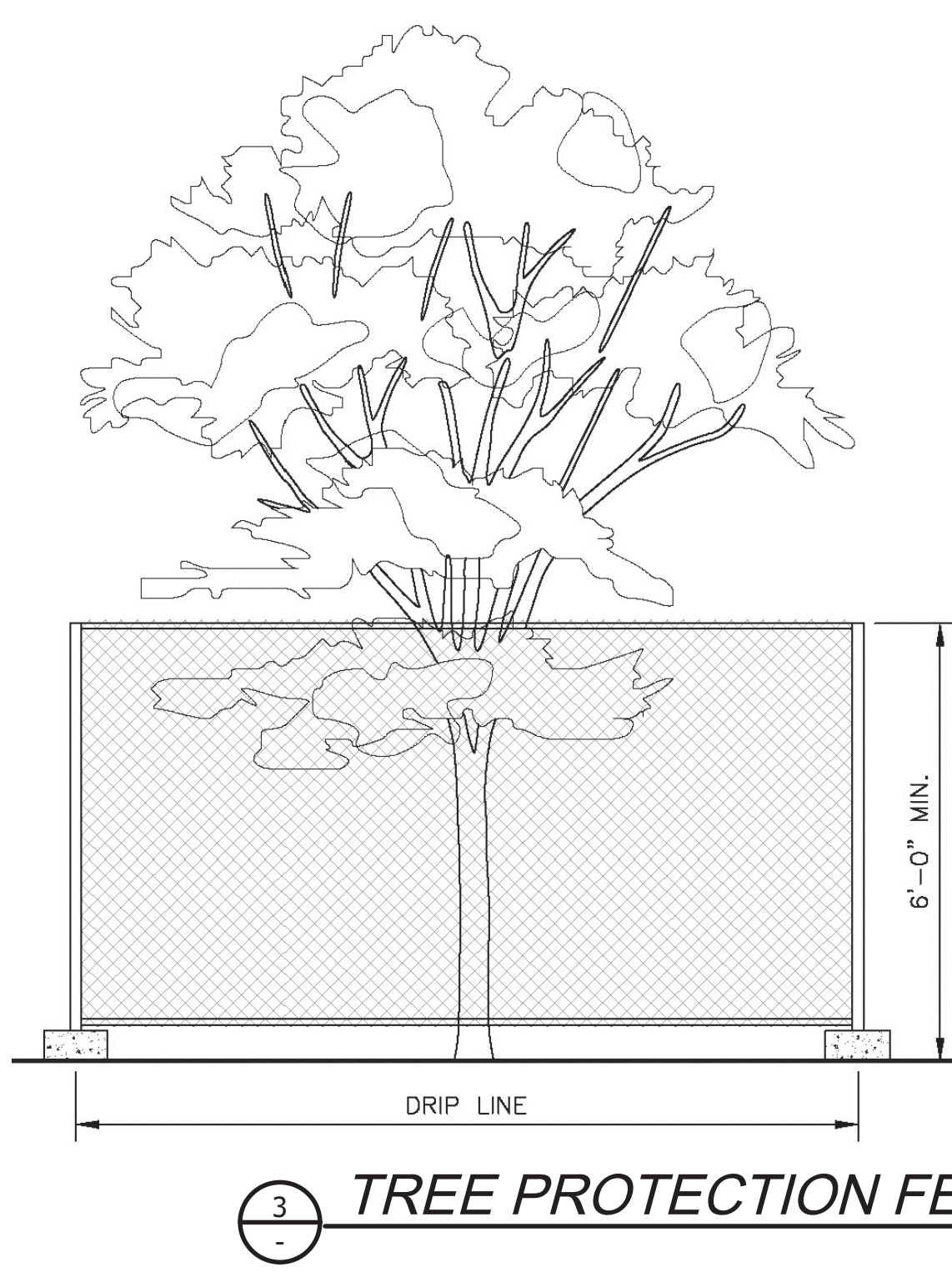
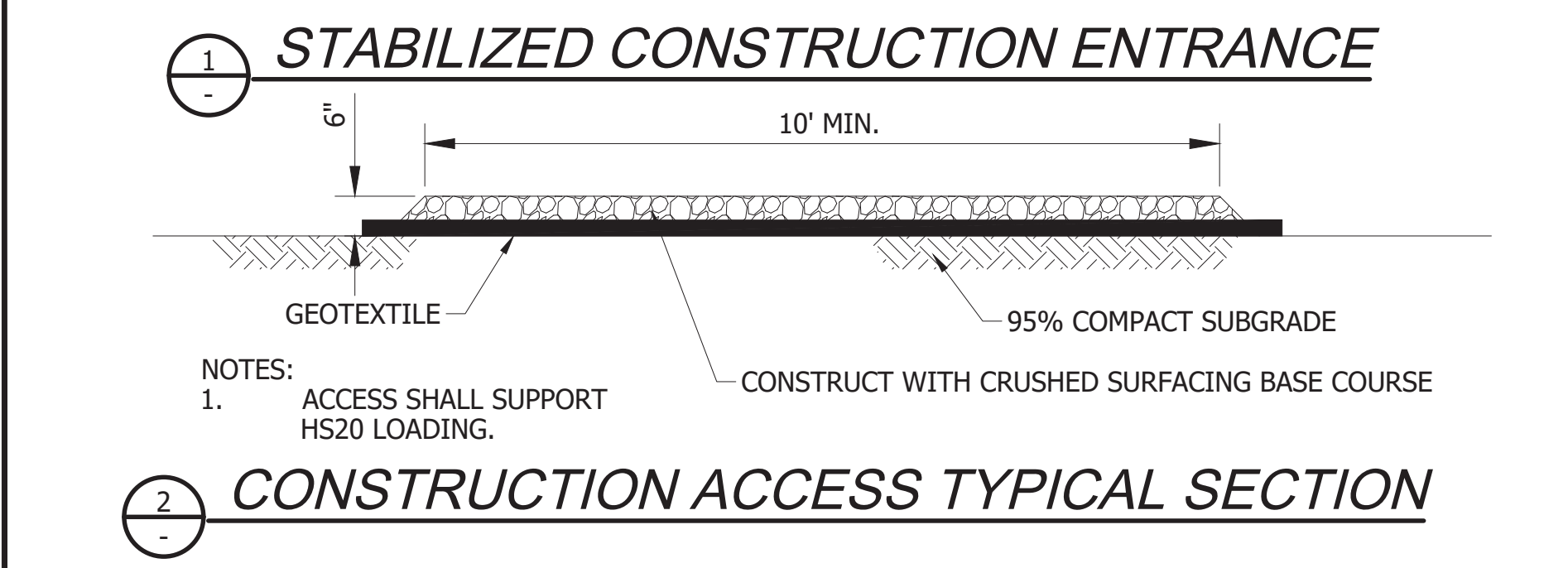
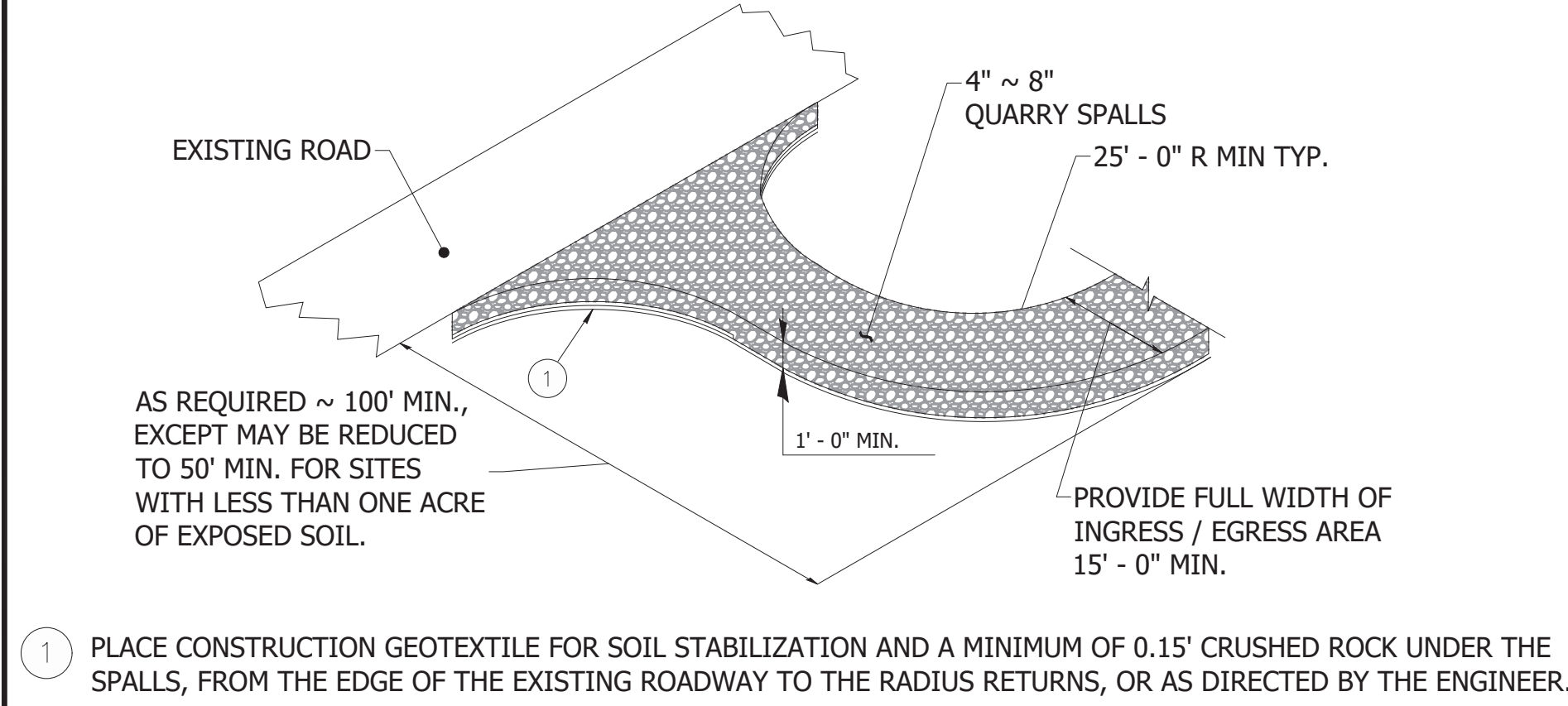
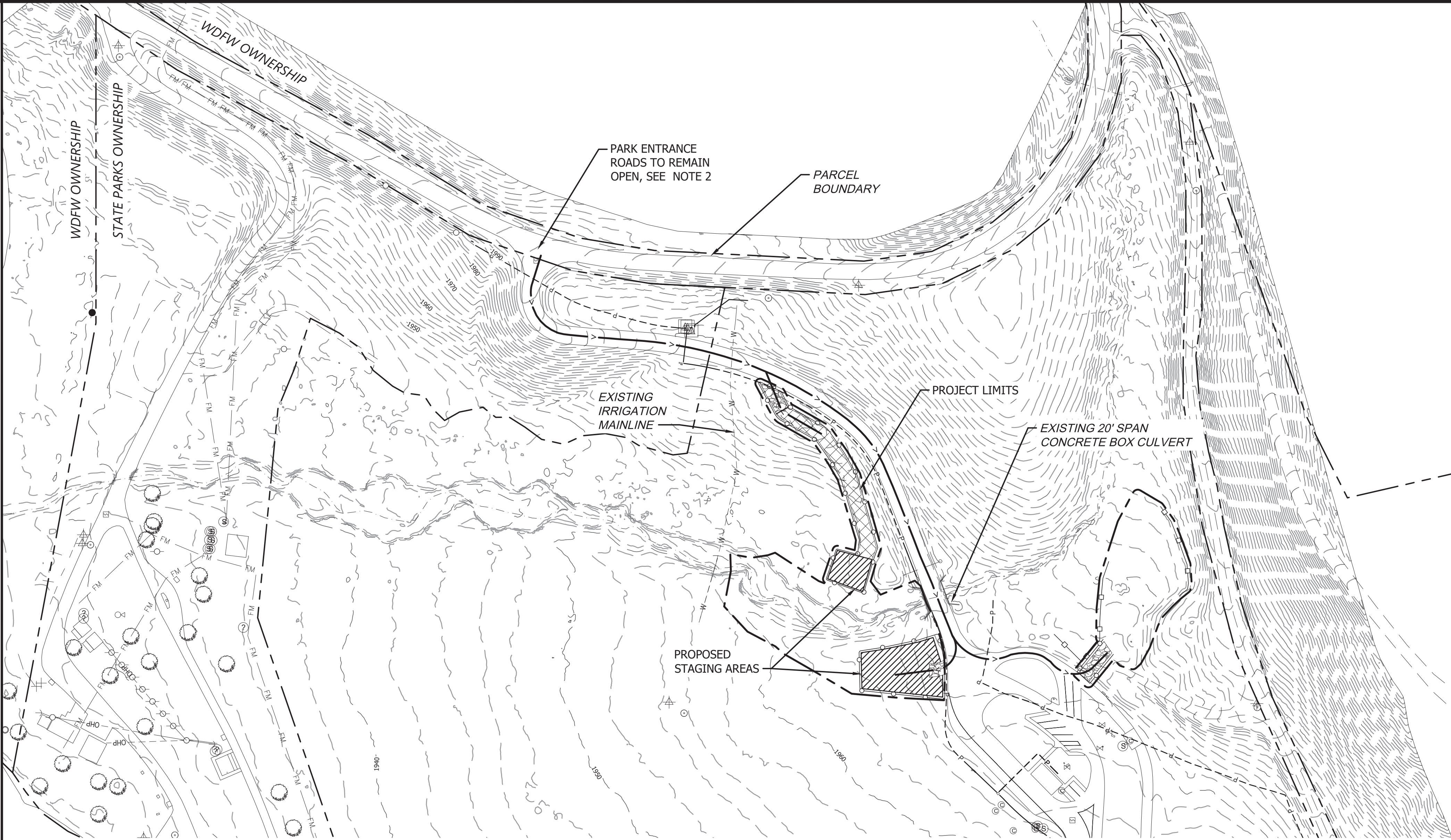
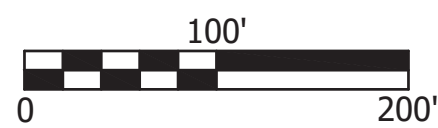
- PARCEL BOUNDARY
- EXISTING CONTOUR MAJOR (10' INTERVAL)
- EXISTING CONTOUR MINOR (2' INTERVAL)
- OHW --- EXISTING ORDINARY HIGH WATER (SEE NOTES)
- EXISTING THALWEG (SEE NOTES)
- OHW --- EXISTING OVERHEAD POWER LINE
- P --- EXISTING UNDERGROUND POWER LINE
- W --- EXISTING IRRIGATION MAIN LINE
- FM --- EXISTING FORCE MAIN (APPROXIMATE)
- ⊙ EXISTING SEWER UTILITY
- ⊙ EXISTING TREE

LEGEND, PROPOSED

- PROJECT LIMITS
- >--- ACCESS ROUTE (SEE NOTE 2)
- PROPOSED STAGING AREA
- PROPOSED CONSTRUCTION ACCESS ROUTE (SEE DETAIL, THIS SHEET)
- PROPOSED CONSTRUCTION ENTRANCE (SEE DETAIL, THIS SHEET)
- PROPOSED HIGH VISIBILITY CONSTRUCTION FENCING (PER WSDOT STANDARD PLAN 1-10.10-01)
- TREE PROTECTION FENCING (6' TALL GALVANIZED CHAINLINK FENCING - SEE SPECIFICATIONS SECTION 015639)

NOTES:

- SEE SHEET 3 FOR SURVEY AND GENERAL NOTES.
- PARK ENTRANCE ROAD MUST REMAIN OPEN DURING CONSTRUCTION. IT IS THE CONTRACTORS RESPONSIBILITY TO MAINTAIN SAFE ACCESS, TO LIMIT CONSTRUCTION TRAVEL ON ROADWAY, AND TO PROVIDE TRAFFIC CONTROL/SIGNAGE IN COMPLIANCE WITH AN APPROVED TRAFFIC CONTROL PLAN (REFER TO SPECIFICATION 01 55 26 TRAFFIC CONTROL).



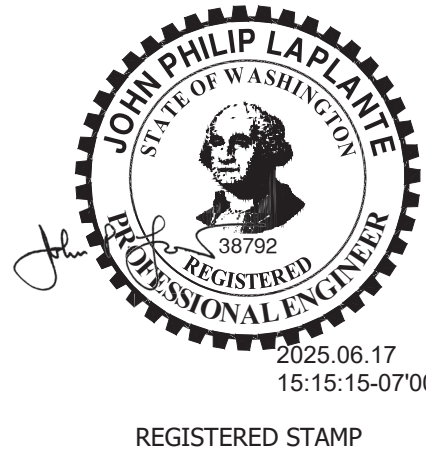
NOTES:

- TREE PROTECTION DURING CONSTRUCTION:
 - A SIX FOOT HIGH TEMPORARY FENCE SHALL BE ERECTED AT DRIP LINE OF TREE(S) TO BE SAVED, OR A DISTANCE OF 15 FEET FROM THE TRUNK, WHICHEVER IS GREATER. FENCING MAY BE EXTENDED BEYOND THE DRIP LINE OR 15 FEET. THE FENCE SHALL COMPLETELY ENCIRCLE THE TREE(S).
 - THE TEMPORARY FENCE ON THE EXISTING PLANTED SLOPE SHALL BE CHAIN LINK OR HIGH VISIBILITY VINYL FENCING PER WSDOT STANDARD PLAN H-10.11-00, REVISED TO 6-FT HEIGHT.
 - INSTALL FENCE POSTS USING BLOCKS ONLY. IF INSTALLING POSTS DIRECTION INTO THE GROUND IS NECESSARY, AVOID DRIVING INTO MAJOR ROOTS AT THE DISCRETION OF THE OWNER.
 - THE OWNER MAY PERMIT ALTERNATIVE FENCING METHODS IF SITE CONDITIONS PROHIBIT THE INSTALLATION OF PIER BLOCKS (STEEP SLOPES, SOFT SOILS, ETC).
- TREATMENT OF ROOTS DURING CONSTRUCTION:
 - FOR ROOTS OVER 1 INCH IN DIAMETER DAMAGED DURING CONSTRUCTION, MAKE A CLEAN STRAIGHT CUT TO REMOVE DAMAGED PORTION OF ROOT. ALL EXPOSED ROOTS SHALL BE TEMPORARILY COVERED WITH MOIST BURLAP TO PREVENT DRYING AND COVERED WITH SOIL AS SOON AS POSSIBLE.
- WORK WITHIN THE PROTECTION FENCE SHALL BE DONE MANUALLY. NO EXCAVATION, MATERIAL STOCKPILING, VEHICULAR TRAFFIC OR STORAGE OF EQUIPMENT/MACHINERY SHALL BE ALLOWED WITHIN THE LIMITS OF FENCING.
- REFER TO SPECIFICATION SECTION 015639 - TEMPORARY TREE AND PLANT PROTECTION.

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PEARRYGIN LAKE
STATE PARK

CREEK CHANNEL
STABILIZATION

ACCESS, STAGING,
AND TESC PLAN

SCALE

1" = 100'

PARKS FILE#

SHEET 6 OF 19

100% DESIGN

LEGEND, EXISTING

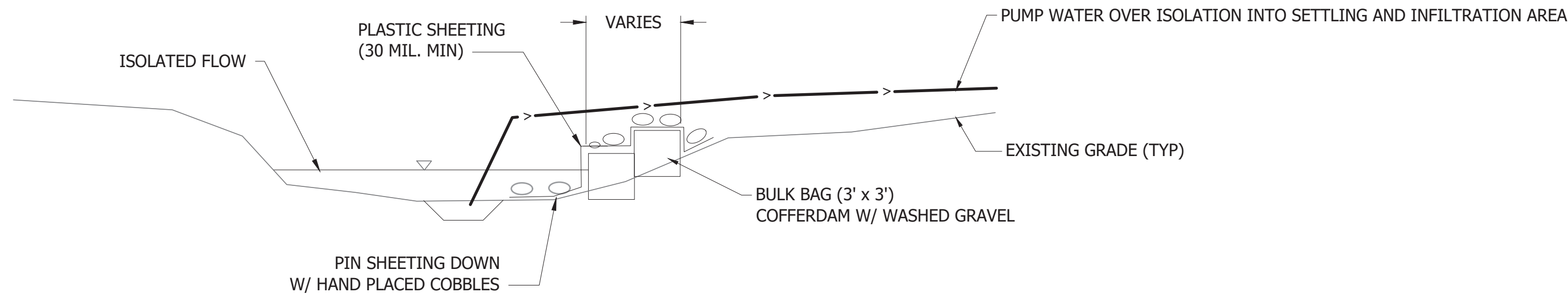
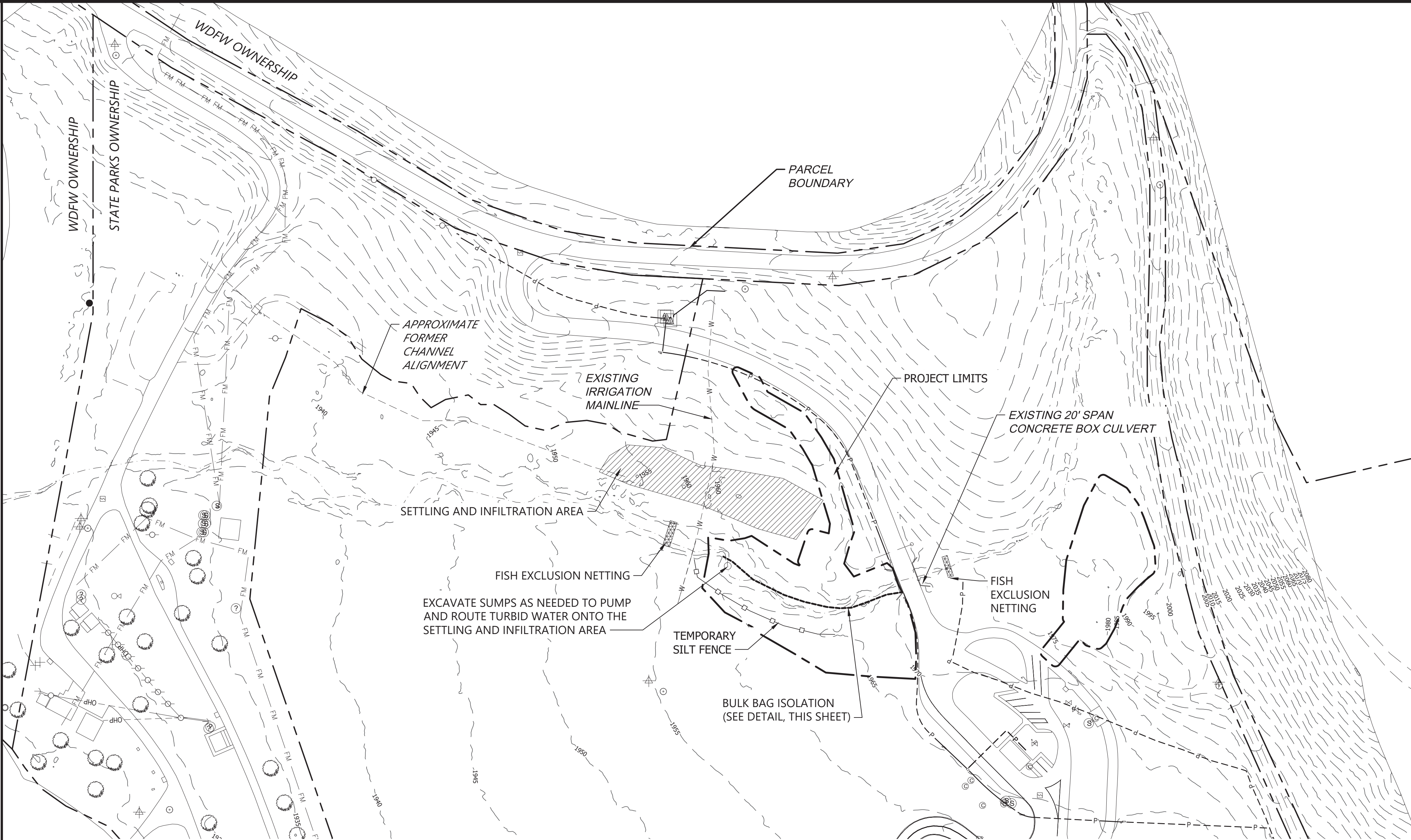
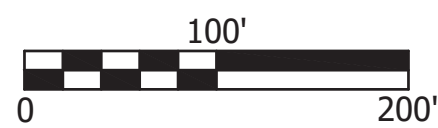
- PARCEL BOUNDARY
- EXISTING CONTOUR MAJOR (5' INTERVAL)
- OHW --- EXISTING ORDINARY HIGH WATER (SEE NOTES)
- EXISTING THALWEG (SEE NOTES)
- OHP--- EXISTING OVERHEAD POWER LINE
- P- EXISTING UNDERGROUND POWER LINE
- W- EXISTING IRRIGATION MAIN LINE
- FM --- EXISTING FORCE MAIN (APPROXIMATE)
- Ⓢ EXISTING SEWER UTILITY
- ⊙ EXISTING TREE

LEGEND, PROPOSED

- - - PROJECT LIMITS
-  FISH EXCLUSION NETTING
-  SETTLING AND INFILTRATION AREA
- BULK BAG ISOLATION (SEE DETAIL, THIS SHEET)
- TEMPORARY SILT FENCE

NOTES:

- SEE SHEET 3 FOR SURVEY AND GENERAL NOTES.
- THIS PLAN IS CONCEPTUAL ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CREATING AND IMPLEMENTING THE CARE OF WATER PLAN. WATER SHOULD INFILTRATE AND/OR BE DIVERTED TO THE FORMER CHANNEL ALIGNMENT.



1
7 TYPICAL SECTION: BULK BAG ISOLATION COFFERDAM

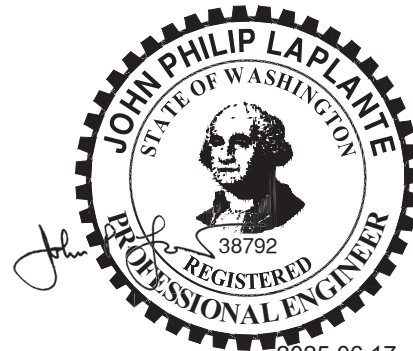
BULK BAG NOTES:

- BULK BAG COFFERDAM SHALL BE CONSTRUCTED OF SEVERAL UNITS OF BULK BAGS FILLED WITH WASHED GRAVEL AND ABUTTED SIDE BY SIDE TO CREATE A ROW THAT SEPARATES THE CONSTRUCTION SITE FROM THE CREEK.
- BULK BAG COFFERDAM SHALL BE SEALED BY COVERING THE COFFERDAM WITH PLASTIC SHEETING HELD IDOWN BY HAND PLACED COBBLES IN ROWS ON TOP OF COFFERDAM, AND AT TOE OF COFFERDAM. THE PLASTIC SHEETING SHALL BE DRAPED ALONG THE CHANNEL BOTTOM ON BOTH SIDES OF THE COFFERDAM WITH OUTWARD EDGE OF SHEETING MINIMUM 2-FEET FROM TOE OF COFFERDAM. THE DRAPED PORTION OF PLASTIC SHEETING SHALL BE PINNED TO THE CHANNEL BED BY MINIMUM TWO ROWS OF LARGE COBBLES.
- IF POSSIBLE, THE ENDS OF THE COFFERDAM SHALL BE EXTENDED ONTO A DRY GRAVEL BAR. IF THE END MUST BE TERMINATED AT A WET RIVER BANK, THE COFFERDAM SHALL BE TIGHTLY SEALED TO THE GROUND BY PLASTIC SHEETING AND LARGE COBBLES. MULTIPLE LAYERS OF SHEETING AND COBBLES MAY BE REQUIRED TO FORM A WATERTIGHT SEAL.
- BULK BAGS SHALL BE WATERPROOF CUBE-SHAPED POLYPROPYLENE WOVEN FABRIC BAGS WITH FULLY OPEN TOP, FLAT BOTTOM, FOUR LOOPS, MINIMUM 2-TON WEIGHT CAPACITY, MINIMUM 5:1 SAFETY FACTOR.
- PLASTIC SHEETING SHALL BE MINIMUM 30-MIL THICKNESS. ROLL LENGTH SHALL BE LONG ENOUGH TO ENSURE THAT ENTIRE LENGTH OF COFFERDAM WILL BE COVERED WITHOUT A SEAM. TWO LENGTHS OF 12-FT WIDE ROLL SHALL BE USED FOR 2-LAYER STACKED BULK BAG COFFERDAM.
- BULK BAG COFFERDAM SHALL BE COMPLETELY REMOVED AFTER CONSTRUCTION IS COMPLETED AND TURBIDITY HAS BEEN REMOVED.
- ALTERNATE COFFERDAM MATERIALS AND CONFIGURATIONS MAY BE ALLOWED BUT SHALL NOT BE IMPLEMENTED WITHOUT REVIEW AND APPROVAL BY THE OWNER. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS AND/OR VENDOR CUT SHEETS FOR SUBSTITUTIONS.
- IF NECESSARY, GAPS BETWEEN BULK BAGS SHALL BE FILLED WITH WASHED GRAVEL TO SEAL AND IMPROVE COFFER DAM. DISPOSAL OF ROCK WASH SHALL BE DETERMINED BY OWNER. ROCK WASH SHALL NOT BE ROUTED TO THE CREEK.

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PEARRYGIN LAKE
STATE PARK

CREEK CHANNEL
STABILIZATION

CARE OF WATER
PLAN

SCALE

1" = 100'

PARKS FILE#

SHEET 7 OF 19

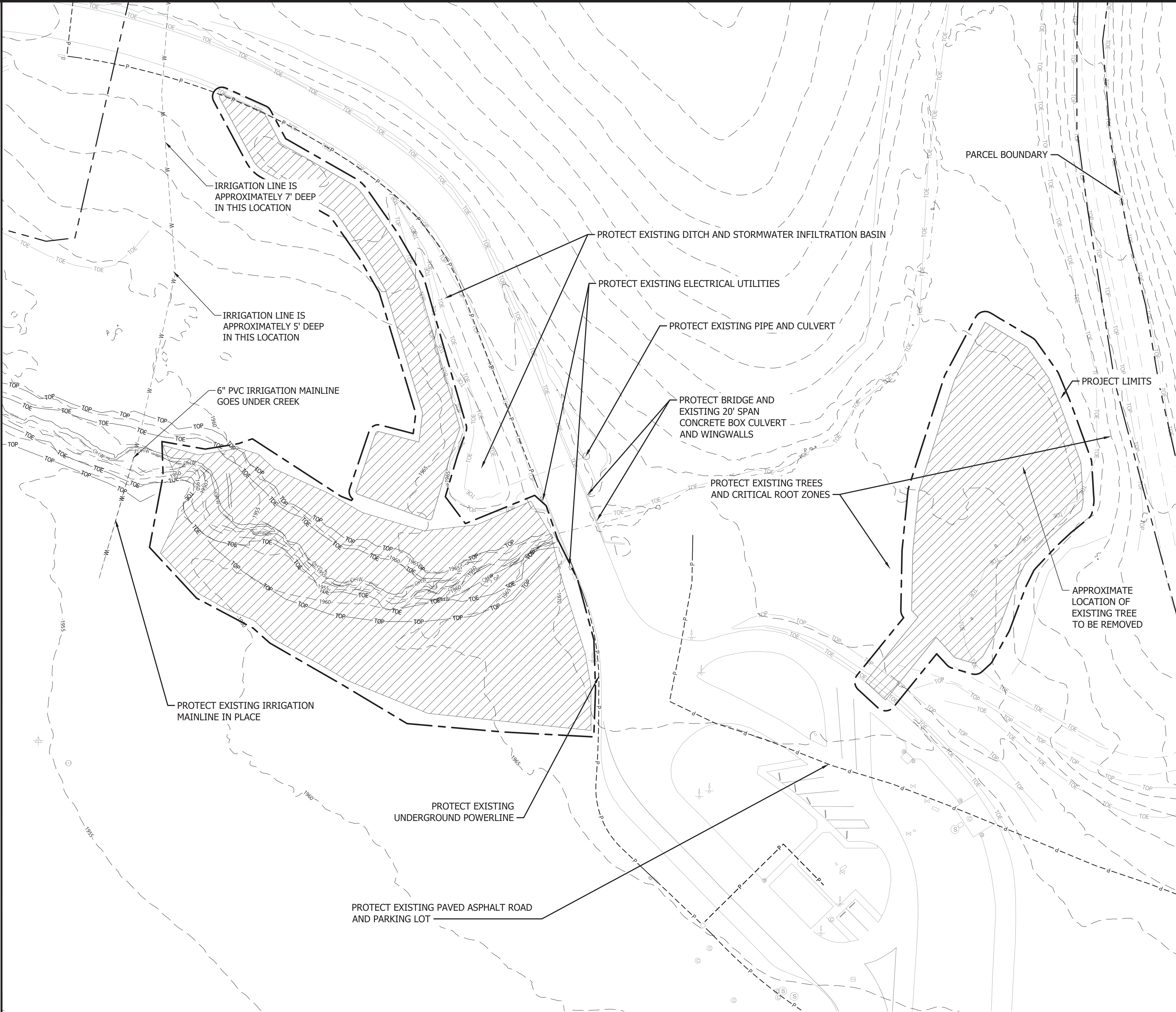
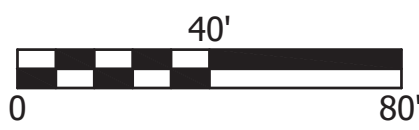
100% DESIGN

CLEARING LEGEND:

- PROJECT LIMITS
- PARCEL BOUNDARY
- EXISTING CONTOUR MAJOR (5' INTERVAL)
- EXISTING TOP OF SLOPE
- EXISTING TOE OF SLOPE
- EXISTING ORDINARY HIGH WATER (SEE NOTE 1)
- EXISTING THALWEG (SEE NOTE 1)
- EXISTING OVERHEAD POWER LINE
- EXISTING UNDERGROUND POWER LINE
- EXISTING IRRIGATION MAIN LINE
- EXISTING FORCE MAIN (APPROXIMATE)
- EXISTING SEWER UTILITY
- CLEAR AND GRUB LIMITS

NOTES:

- SEE SHEET 3 FOR SURVEY AND GENERAL NOTES.
- CONTRACTOR SHALL REMOVE ALL TREES WITHIN PROJECT LIMITS. TREES THAT MEET SPECIFICATIONS FOR LWM MAY BE SALVAGED FOR REUSE.
- PLACE JUTE MATTING ON ALL SLOPES STEEPER THAN 4H:1V



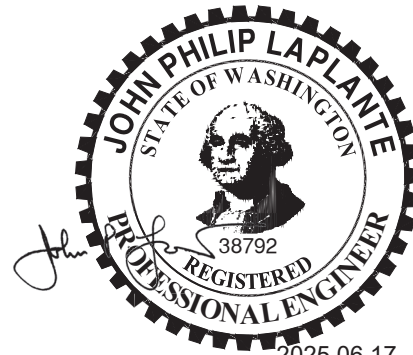
SHEET 8 OF 19

100% DESIGN

CAD NO. P220-6404-2025-0363-PL-Clearing and Removal Plan.dwg

	DATE
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	INT.
	REVISIONS
	NO.

ACTION	BY	DATE
DESIGNED	JL	05/16/2025
DRAWN	CH	05/16/2025
CHECKED (FIELD)		
CHECKED (HDQTS.)		



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WASHINGTON
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COMMISSION



PEARRYGIN LAKE
STATE PARK

CREEK CHANNEL
STABILIZATION

CLEARING AND
REMOVAL PLAN

SCALE

1" = 40'

PARKS FILE#

 PROJECT LIMITS
 PARCEL BOUNDARY
 EXISTING CONTOUR MAJOR (10' INTERVAL)
 EXISTING CONTOUR MINOR (2' INTERVAL)
 TOP EXISTING TOP OF SLOPE
 TOE EXISTING TOE OF SLOPE
 OHW EXISTING ORDINARY HIGH WATER (SEE NOTE 3)
 EXISTING THALWEG (SEE NOTE 3)
 PROPOSED THALWEG
 PROPOSED 2 YEAR FLOOD LINE
 OHP EXISTING OVERHEAD POWER LINE
 P EXISTING UNDERGROUND POWER LINE
 W EXISTING IRRIGATION MAIN LINE
 FM EXISTING FORCE MAIN (APPROXIMATE)
 S EXISTING SEWER UTILITY

— GRADING LIMITS

— PROPOSED CONTOURS (1' AND 5' INTERVAL)

 AMEND EXISTING SOIL WITH 3" COMPOST

 INSTALL 6" SALVAGED TOPSOIL

 STREAMBED COBBLES

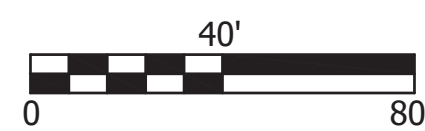
 DECOMPACT AREAS IMPACTED BY TEMPORARY ACCESS AND STAGING, INSTALL 3 INCHES OF COMPOST

 NEW LARGE WOODY MATERIAL

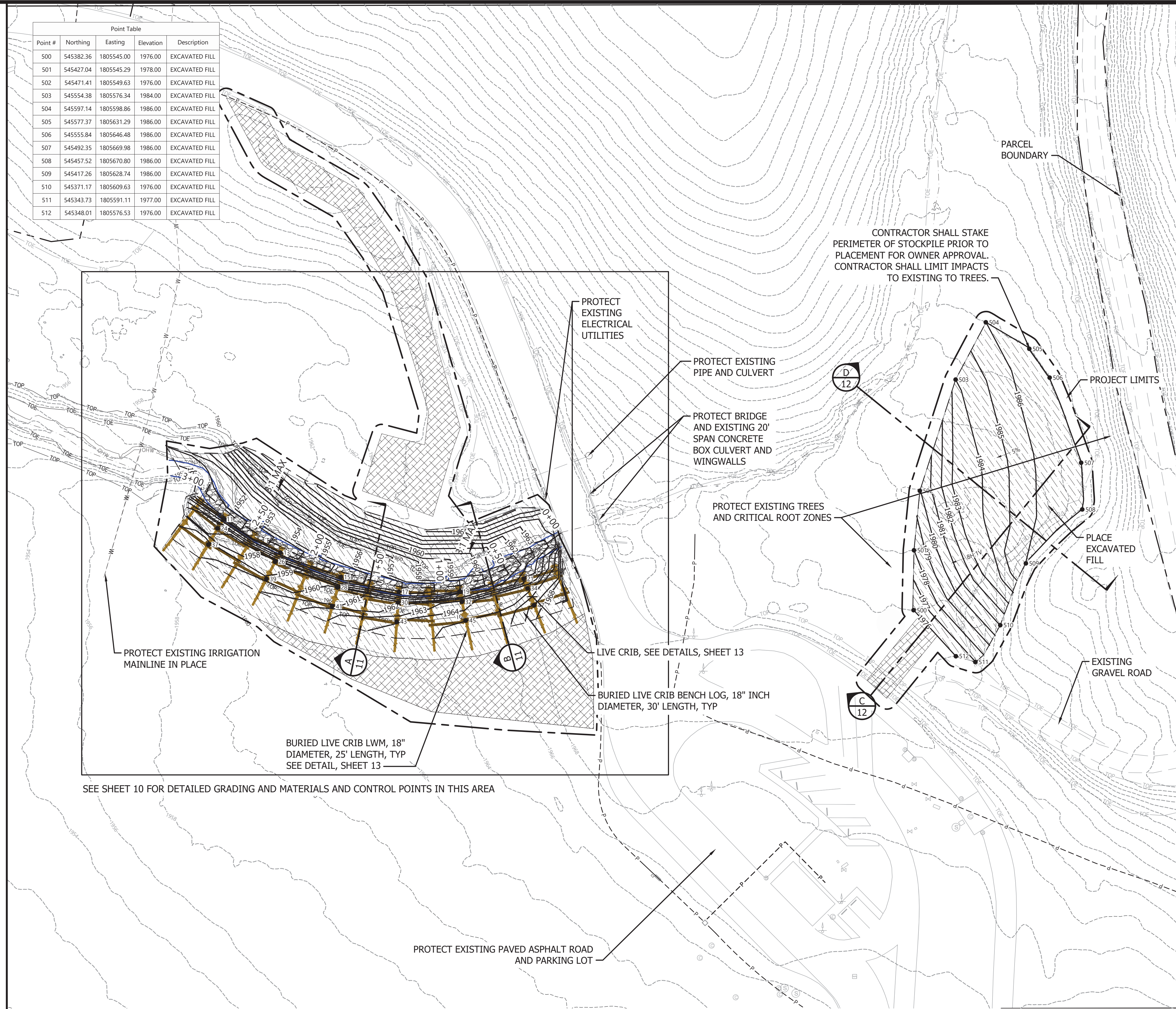
 NEW LIVE CRIB BENCH LOG

● CONTROL POINT

1. SEE SHEET 3 FOR SURVEY AND GENERAL NOTES.
2. SEE SHEET 10 FOR CHANNEL CONTROL POINTS.



Point Table				
Point #	Northing	Easting	Elevation	Description
500	54382.36	1805545.00	1976.00	EXCAVATED FILL
501	545427.04	1805545.29	1978.00	EXCAVATED FILL
502	545471.41	1805549.63	1976.00	EXCAVATED FILL
503	545534.58	1805576.34	1984.00	EXCAVATED FILL
504	545597.14	1805598.86	1986.00	EXCAVATED FILL
505	545555.37	1805631.29	1986.00	EXCAVATED FILL
506	545577.84	1805646.48	1986.00	EXCAVATED FILL
507	545492.35	1805669.98	1986.00	EXCAVATED FILL
508	545457.52	1805670.80	1986.00	EXCAVATED FILL
509	545417.26	1805628.74	1986.00	EXCAVATED FILL
510	545371.17	1805609.63	1976.00	EXCAVATED FILL
511	545343.73	1805591.11	1977.00	EXCAVATED FILL
512	545348.01	1805576.53	1976.00	EXCAVATED FILL



100% DESIGN

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WASHINGTON
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PEARRYGIN LAKE STATE PARK

CREEK CHANNEL STABILIZATION

GRADING AND MATERIALS PLAN

$$1'' = 40'$$

PARKS FILE#



LEGEND, EXISTING:

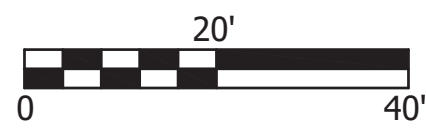
- PROJECT LIMITS
- EXISTING CONTOUR MAJOR (10' INTERVAL)
- EXISTING CONTOUR MINOR (2' INTERVAL)
- EXISTING TOP OF SLOPE
- EXISTING TOE OF SLOPE
- EXISTING ORDINARY HIGH WATER (SEE NOTE 3)
- EXISTING THALWEG (SEE NOTE 3)
- PROPOSED THALWEG
- PROPOSED 2 YEAR FLOOD LINE
- EXISTING UNDERGROUND POWER LINE
- EXISTING IRRIGATION MAIN LINE
- EXISTING FORCE MAIN (APPROXIMATE)
- EXISTING SEWER UTILITY

LEGEND, PROPOSED:

- GRADING LIMITS
- PROPOSED CONTOURS (1' AND 5' INTERVAL)
- INSTALL 6" SALVAGED TOPSOIL
- STREAMBED COBBLES
- RESTORE TEMPORARY ACCESS AND STAGING AREAS:
DECOMPACT AREAS IMPACTED BY TEMPORARY
ACCESS AND STAGING, INSTALL 3 INCHES OF
COMPOST
- NEW LARGE WOODY MATERIAL
- NEW LIVE CRIB BENCH LOG
- CONTROL POINT

NOTES:

1. SEE SHEET 3 FOR SURVEY AND GENERAL NOTES.



POINT TABLE (THALWEG)				
#	NORTHING	EASTING	ELEVATION	DESC
1	545439.96	1805282.12	1963.00	PROPOSED THALWEG
2	545419.77	1805249.44	1961.00	PROPOSED THALWEG
3	545403.02	1805215.40	1958.48	PROPOSED THALWEG
4	545399.85	1805197.09	1957.50	PROPOSED THALWEG
5	545399.62	1805162.91	1955.98	PROPOSED THALWEG
6	545413.09	1805111.18	1954.00	PROPOSED THALWEG
7	545422.53	1805087.84	1953.00	PROPOSED THALWEG
8	545445.68	1805045.29	1951.00	PROPOSED THALWEG
9	545469.35	1805017.37	1951.20	PROPOSED THALWEG

POINT TABLE (LIVE CRIB)				
#	NORTHING	EASTING	ELEVATION	DESC
10	545462.76	1805012.71	1946.60	LAYER 1 BOTTOM
11	545450.20	1805030.33	1946.60	LAYER 1 BOTTOM
12	545436.71	1805052.02	1947.10	LAYER 1 BOTTOM
13	545425.32	1805072.71	1947.90	LAYER 1 BOTTOM
14	545414.94	1805093.79	1948.80	LAYER 1 BOTTOM
15	545407.06	1805117.82	1950.00	LAYER 1 BOTTOM
16	545400.10	1805139.36	1950.70	LAYER 1 BOTTOM
17	545396.12	1805160.99	1951.40	LAYER 1 BOTTOM
18	545396.44	1805183.92	1952.30	LAYER 1 BOTTOM
19	545396.22	1805206.59	1953.50	LAYER 1 BOTTOM
20	545399.60	1805230.82	1954.80	LAYER 1 BOTTOM
21	545405.85	1805254.20	1956.40	LAYER 1 BOTTOM
22	545412.61	1805278.05	1958.30	LAYER 1 BOTTOM
23	545457.92	1805007.15	1957.50	LAYER 4 TOP
24	545443.41	1805025.81	1957.50	LAYER 4 TOP
25	545430.01	1805048.20	1958.00	LAYER 4 TOP
26	545418.44	1805068.73	1958.80	LAYER 4 TOP
27	545408.18	1805091.67	1959.70	LAYER 4 TOP
28	545399.28	1805115.28	1960.90	LAYER 4 TOP
29	545392.31	1805137.58	1961.60	LAYER 4 TOP

POINT TABLE (LIVE CRIB)				
#	NORTHING	EASTING	ELEVATION	DESC
30	545388.12	1805160.41	1962.30	LAYER 4 TOP
31	545387.34	1805184.45	1963.20	LAYER 4 TOP
32	545388.59	1805208.05	1964.40	LAYER 4 TOP
33	545392.30	1805232.01	1965.70	LAYER 4 TOP
34	545398.65	1805257.11	1967.30	LAYER 4 TOP
35	545408.02	1805280.36	1969.20	LAYER 4 TOP
36	545444.12	1804998.83	1960.90	LAYER 6 TOP
37	545431.32	1805019.05	1960.90	LAYER 6 TOP
38	545418.28	1805040.72	1961.40	LAYER 6 TOP
39	545405.71	1805062.29	1962.20	LAYER 6 TOP
40	545394.94	1805085.62	1963.10	LAYER 6 TOP
41	545385.29	1805111.35	1964.30	LAYER 6 TOP
42	545378.60	1805134.52	1965.00	LAYER 6 TOP
43	545373.83	1805159.47	1965.70	LAYER 6 TOP
44	545373.60	1805185.59	1966.60	LAYER 6 TOP
45	545374.75	1805210.93	1967.80	LAYER 6 TOP
46	545379.10	1805235.82	1969.10	LAYER 6 TOP
47	545386.06	1805262.00	1970.70	LAYER 6 TOP
48	545394.96	1805284.92	1972.60	LAYER 6 TOP

POINT TABLE (TOPSOIL)					POINT TABLE (TOPSOIL)				
#	NORTHING	EASTING	ELEVATION	DESC	#	NORTHING	EASTING	ELEVATION	DESC
100	545439.12	1805276.61	1964.28	TOPSOIL	118	545503.77	1805045.00	1959.99	TOPSOIL
101	545428.95	1805258.01	1962.06	TOPSOIL	119	545498.85	1805026.97	1953.46	TOPSOIL
102	545420.89	1805232.46	1960.95	TOPSOIL	120	545503.91	1804989.28	1951.01	TOPSOIL
103	545414.06	1805217.01	1959.86	TOPSOIL	121	545426.96	1804985.44	1958.43	TOPSOIL
104	545406.67	1805211.15	1958.64	TOPSOIL	122	545399.60	1805015.00	1959.07	TOPSOIL
105	545402.08	1805167.03	1956.82	TOPSOIL	123	545375.36	1805057.00	1961.08	TOPSOIL
106	545420.89	1805102.23	1953.54	TOPSOIL	124	545357.49	1805099.00	1962.86	TOPSOIL
107	545441.42	1805059.31	1951.58	TOPSOIL	125	545347.90	1805143.33	1963.63	TOPSOIL
108	545451.12	1805044.63	1951.13	TOPSOIL	126	545345.21	1805184.00	1964.49	TOPSOIL
109	545459.68	1805033.67	1951.20	TOPSOIL	127	545348.25	1805220.08	1964.98	TOPSOIL
110	545479.01	1805022.45	1951.06	TOPSOIL	128	545365.50	1805274.28	1969.50	TOPSOIL
111	545413.22	1805285.62	1971.30	TOPSOIL	129	545429.35	1805226.67	1961.00	BENCH
112	545456.33	1805272.04	1972.53	TOPSOIL	130	545420.19	1805199.42	1959.00	BENCH
113	545458.47	1805249.30	1967.26	TOPSOIL	131	545418.48	1805175.73	1958.00	BENCH
114	545444.77	1805209.82	1966.04	TOPSOIL	132	545427.02	1805132.70	1956.00	BENCH
115	545442.20	1805182.42	1964.96	TOPSOIL	133	545443.95	1805087.82	1954.00	BENCH
116	545455.35	1805135.51	1964.00	TOPSOIL	134	545466.86	1805046.40	1952.00	BENCH
117	545477.21	1805090.60	1961.93	TOPSOIL	135	545493.00	1805021.97	1952.00	BENCH

CAD NO. P220-6404-2025-0363-PL-Grading and Materials.dwg

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WASHINGTON
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PEARRYGIN LAKE
STATE PARK

CREEK CHANNEL
STABILIZATION

CREEK CHANNEL
DETAIL PLAN AND
HORIZONTAL
LAYOUT CONTROL
AND STATIONING
PLAN

SCALE

1" = 20'

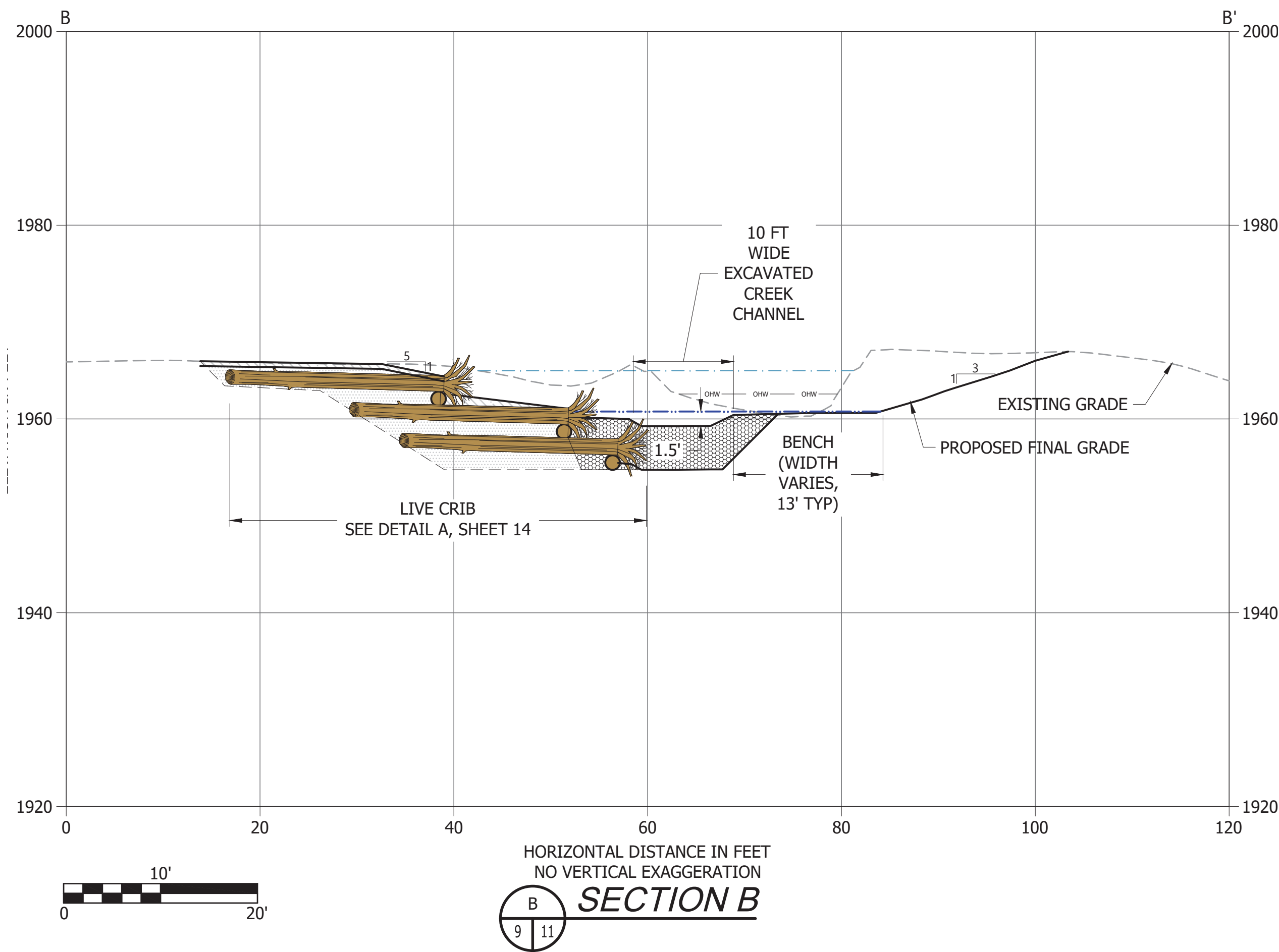
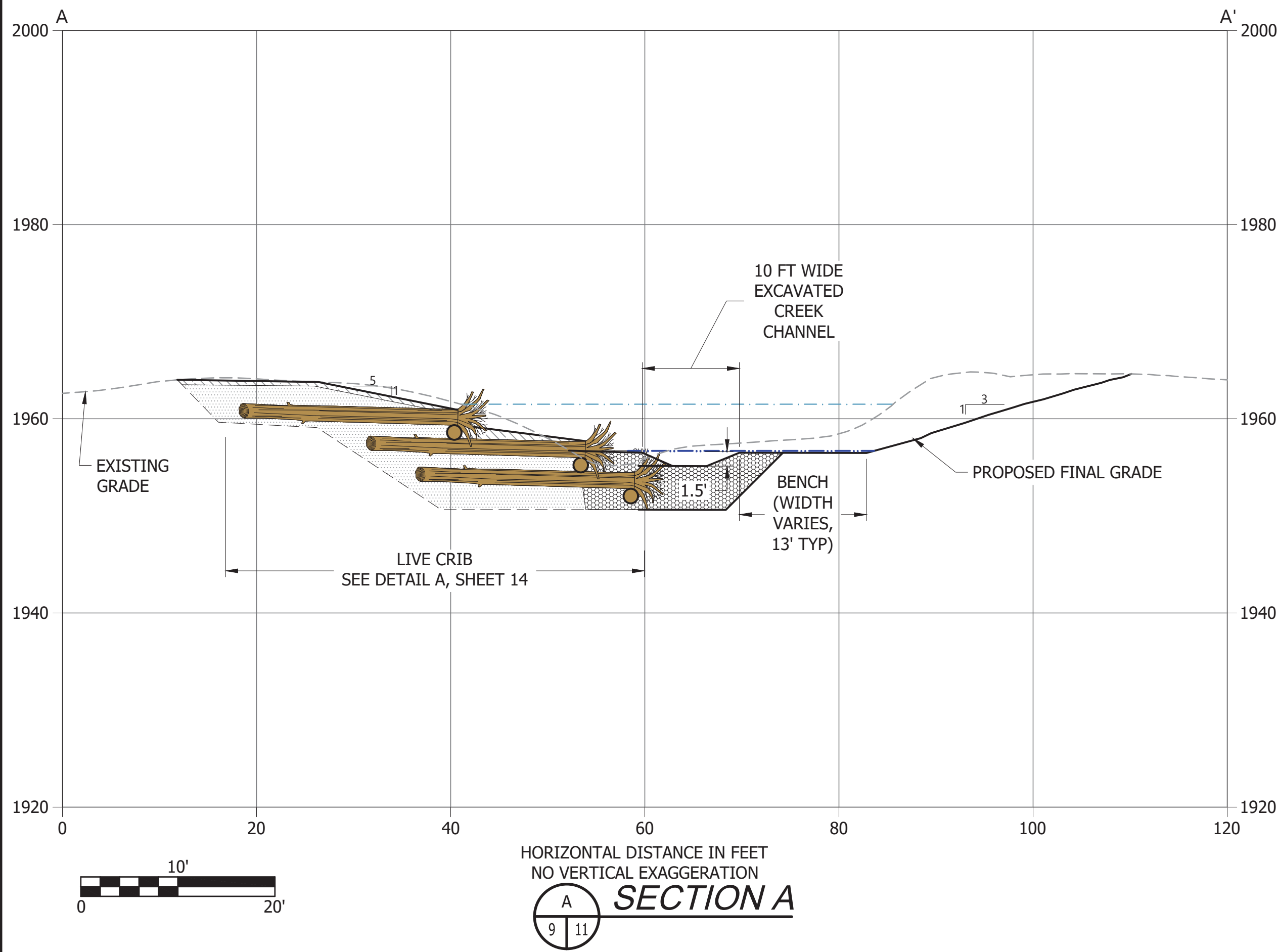
PARKS FILE#

SHEET 10 OF 19

100% DESIGN



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Jun 16, 2025 10:50am chawett



LEGEND:

- | | |
|---|---|
| ----- EXISTING GRADE | - - - - - PROPOSED 100 YEAR FLOOD LINE |
| ----- PROPOSED GRADE | STREAMBED COBBLES, SEE DETAIL A, SHEET 14 |
| ----- TEMPORARY EXCAVATION TO INSTALL LIVE CRIB | SALVAGED BANK MATERIALS |
| --- OHW --- EXISTING OHW | SALVAGED TOPSOIL |
| - - - - - PROPOSED 2 YEAR FLOOD LINE | |



SHEET 11 OF 19

100% DESIGN

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	DATE
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WASHINGTON
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PEARRYGIN LAKE
STATE PARK

CREEK CHANNEL
STABILIZATION

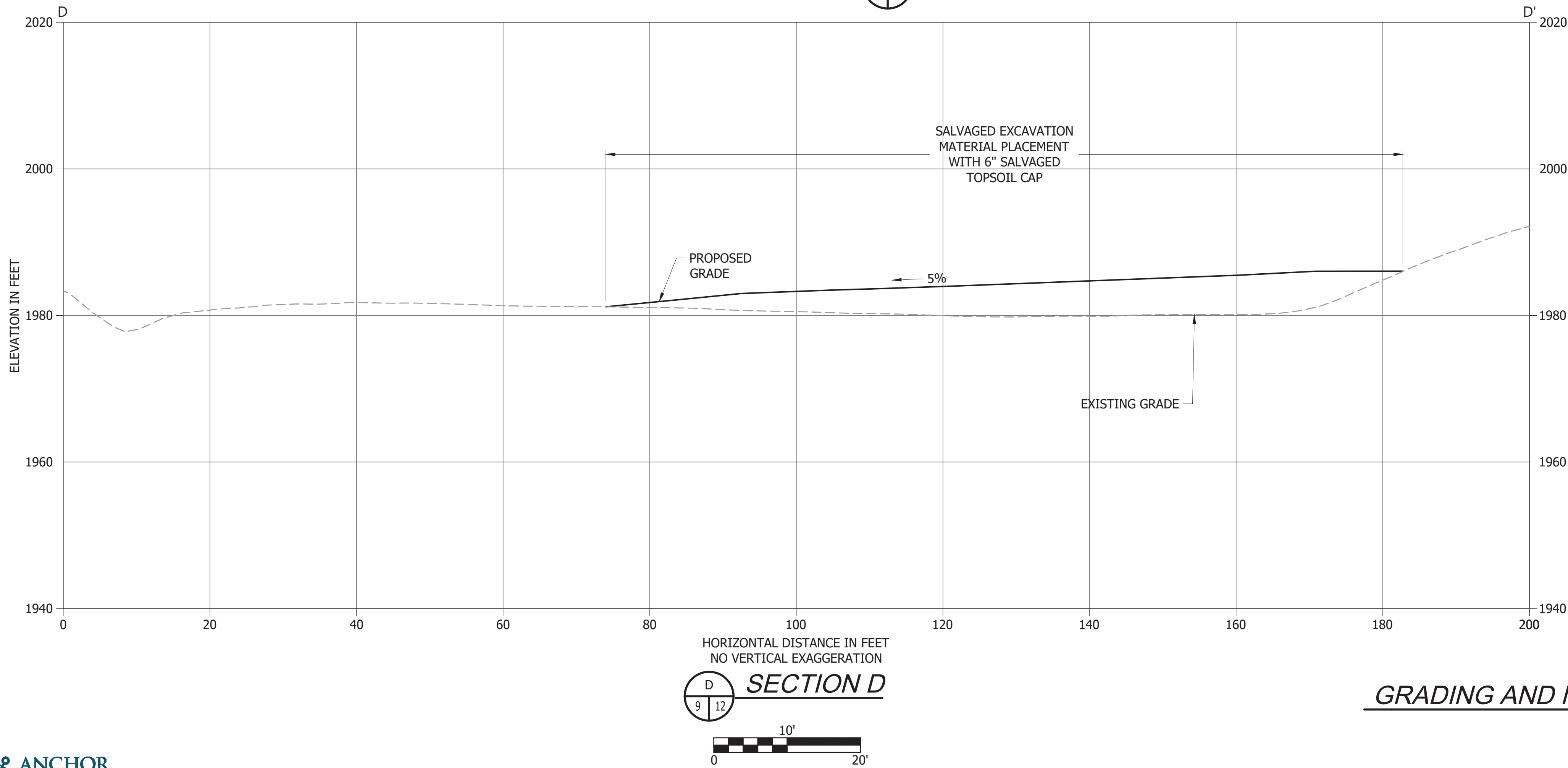
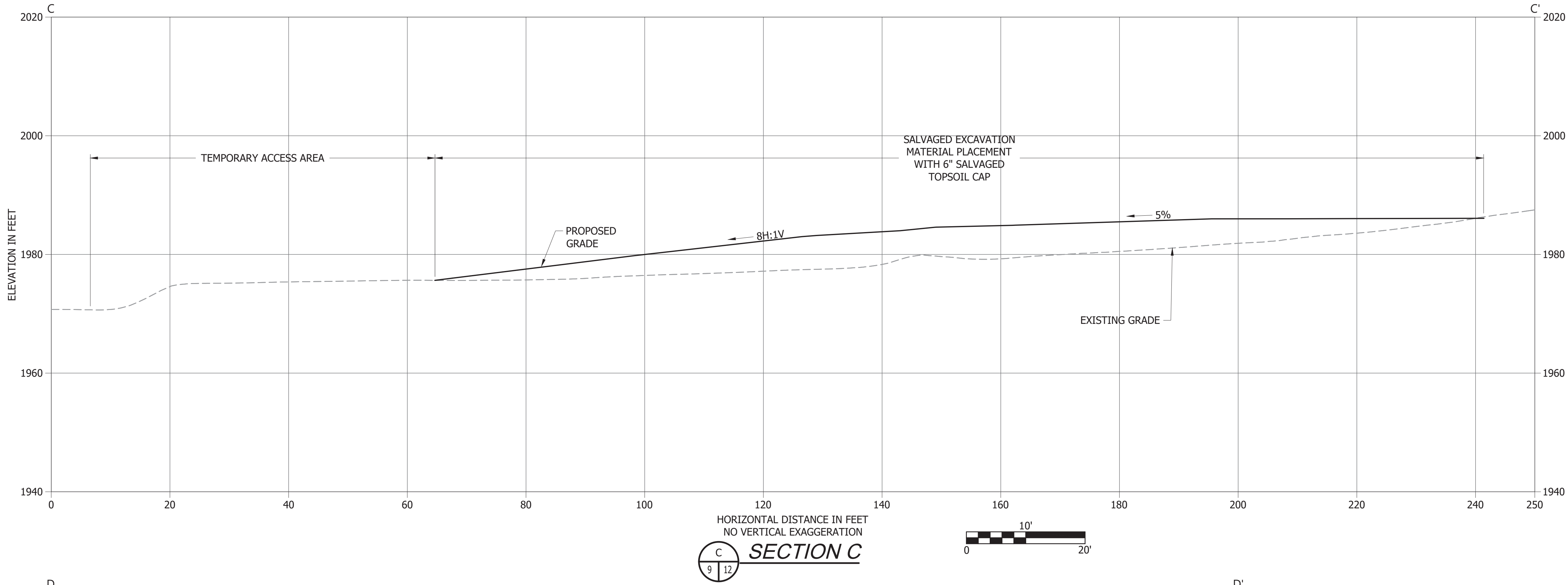
GRADING AND
MATERIALS
SECTIONS (1 OF 2)

SCALE

1" = 10'

PARKS FILE#

K:\Projects\0363- WA State Parks\Pearrygin Lake State Park\Construction Plans\0363-PL-Grading and Materials Sections.dwg GRADING AND MATERIALS SECTIONS (2 OF 2)
Jun 16, 2025 10:50am chewart



GRADING LEGEND:

- EXISTING GRADE
- PROPOSED GRADE
- OHW — EXISTING OHW
- - - - - PROPOSED 2 YEAR FLOOD LINE
- - - - - PROPOSED 100 YEAR FLOOD LINE

GRADING AND MATERIALS SECTIONS (2 OF 2)

SHEET 12 OF 19

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PEARRYGIN LAKE
STATE PARK

CREEK CHANNEL
STABILIZATION

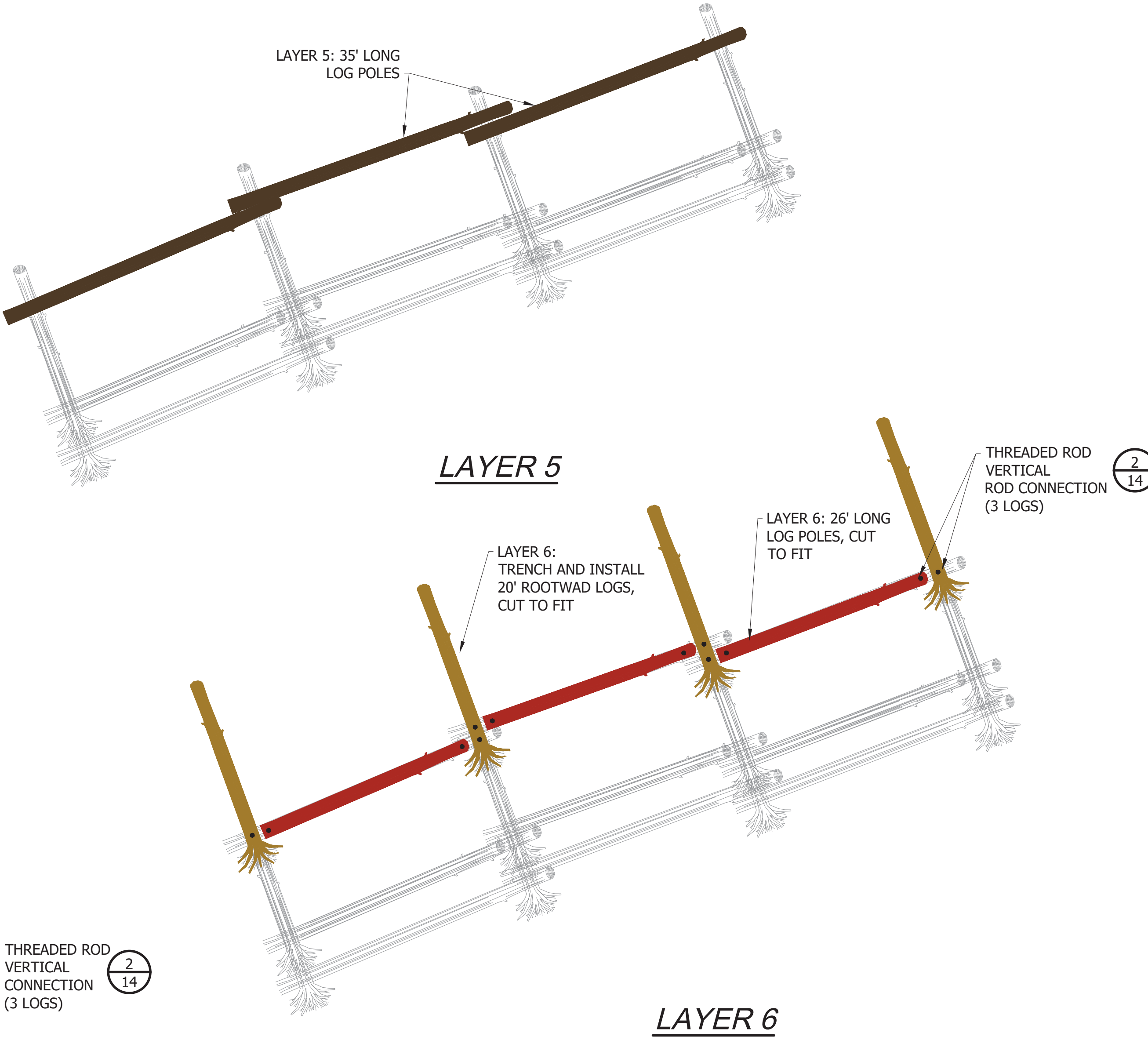
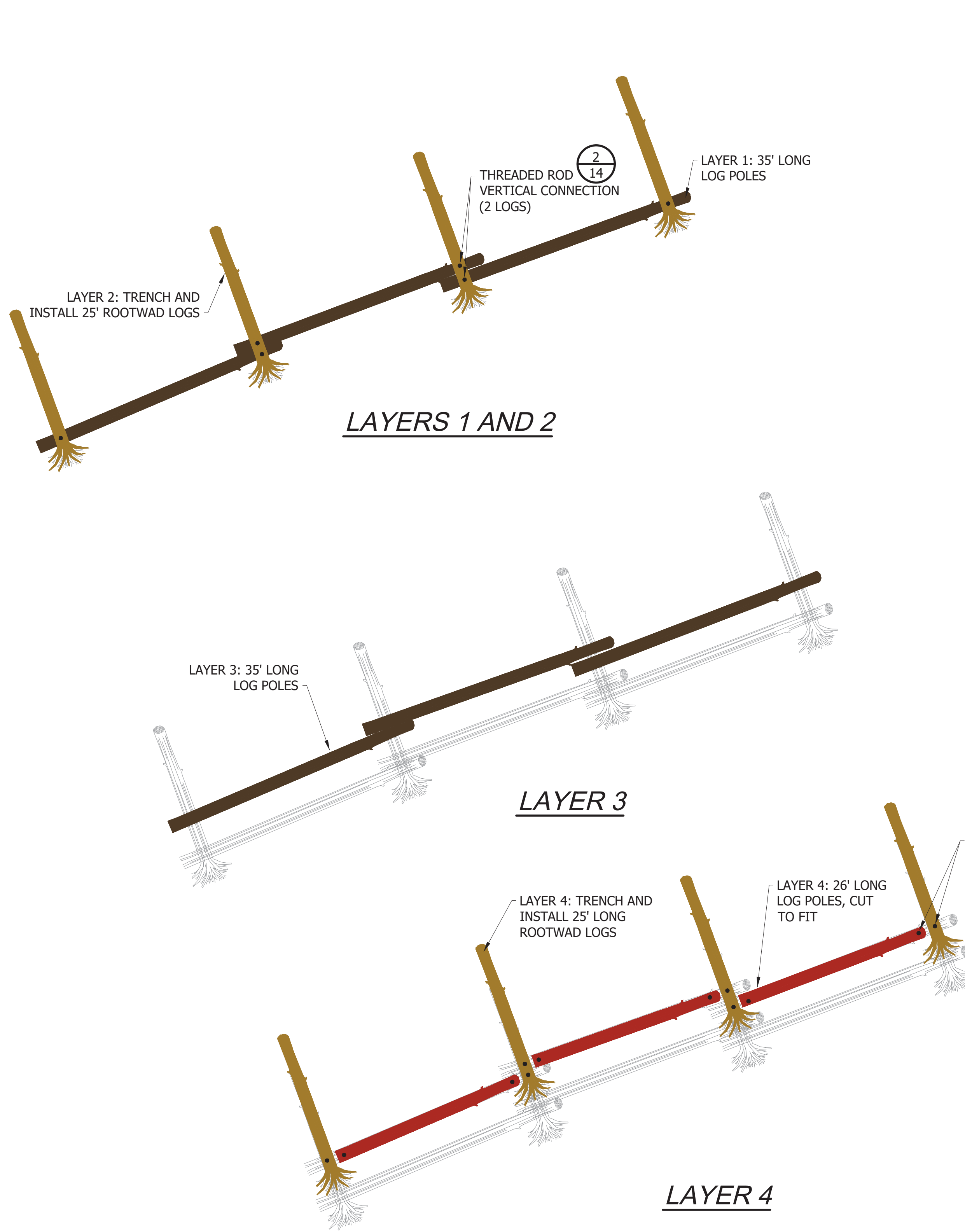
GRADING AND
MATERIALS
SECTIONS (2 OF 2)

SCALE

1" = 10'

PARKS FILE#

K:\Projects\0363- WA State Parks\Pearrygin Lake State Park\Construction Plans\0363-PL-Construction Details.dwg LIVE CRIB DETAILS (1 OF 2)
Jun 16, 2025 10:50am chawett

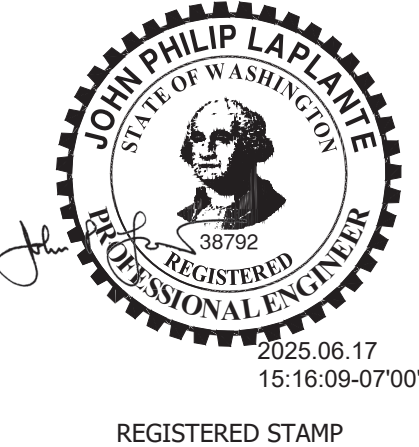


LIVE CRIB TYPICAL LAYER CONFIGURATION
SCALE: 1" = 10'

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WASHINGTON
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PEARRYGIN LAKE
STATE PARK

CREEK CHANNEL
STABILIZATION

LIVE CRIB DETAILS
(1 OF 2)

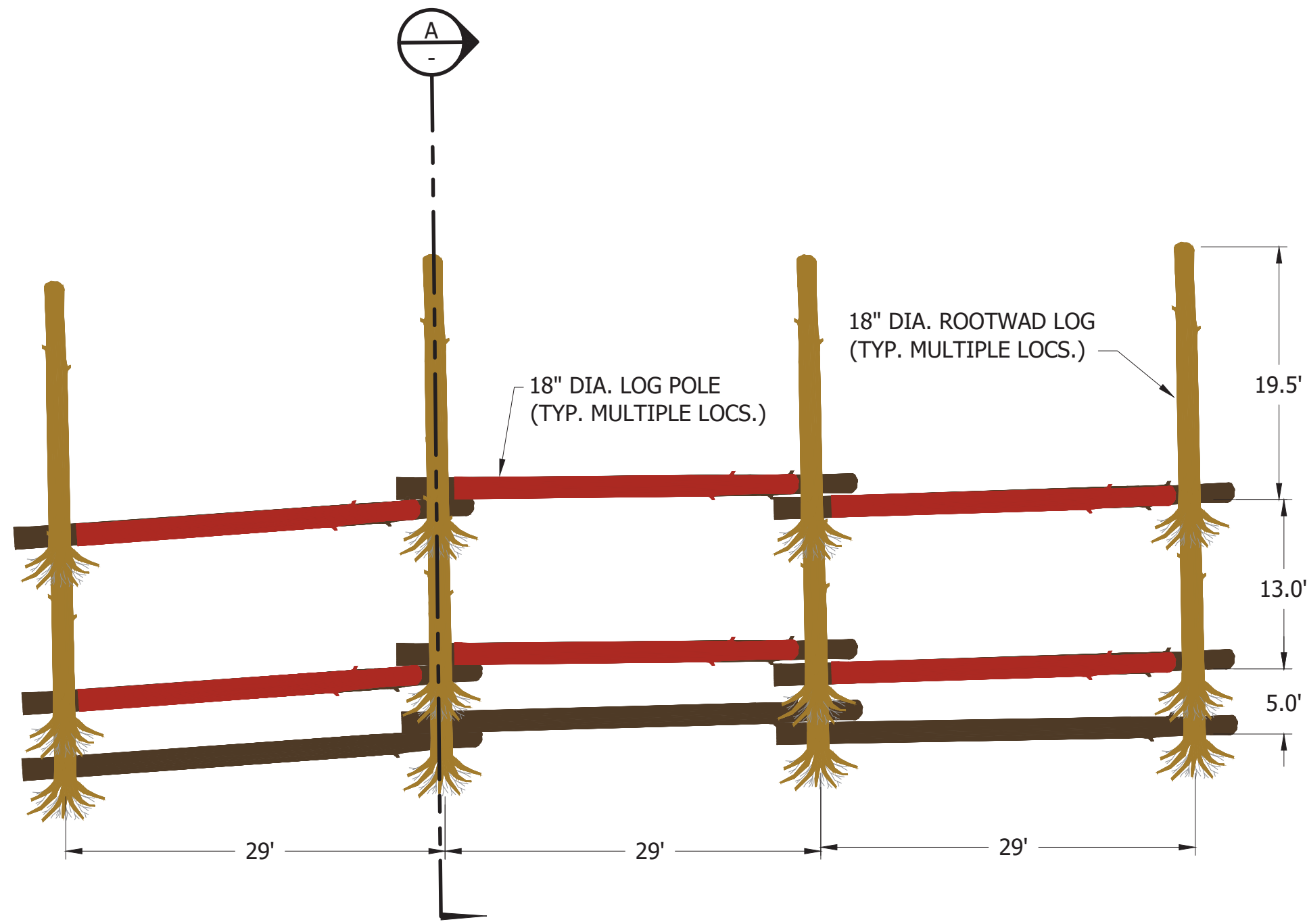
SCALE

SHEET 13 OF 19

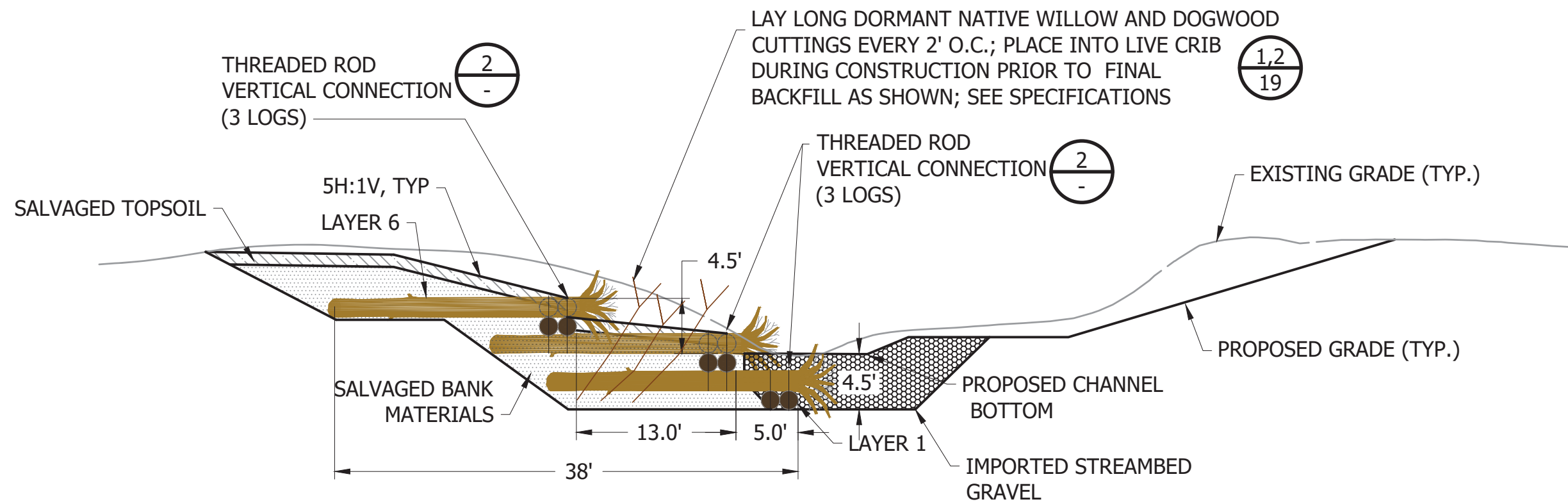
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K:\Projects\0363-WA State Parks\Pearrygin Lake State Park\Construction Plans\0363-PL-Construction Details.dwg LIVE CRIB DETAILS (2 OF 2) Jun 16, 2025 10:50am chawett

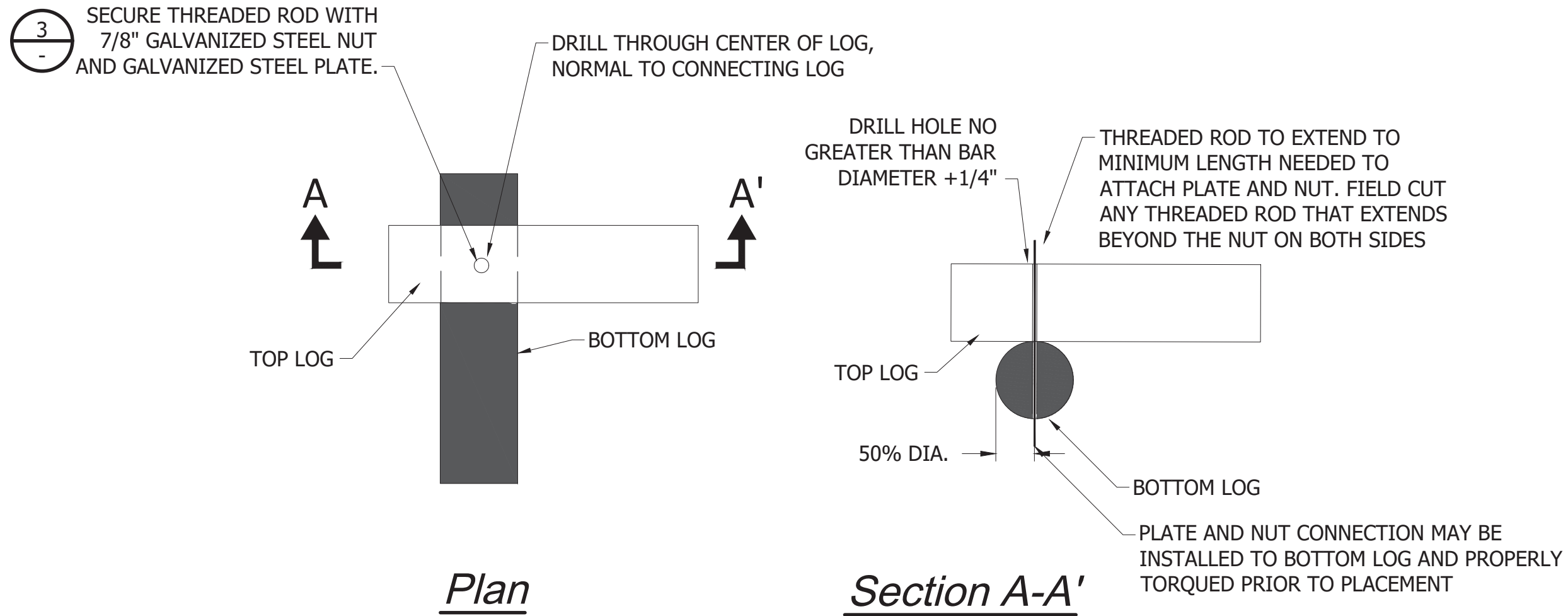


1
-
LIVE CRIB TYPICAL PLAN VIEW
SCALE: 1" = 10'

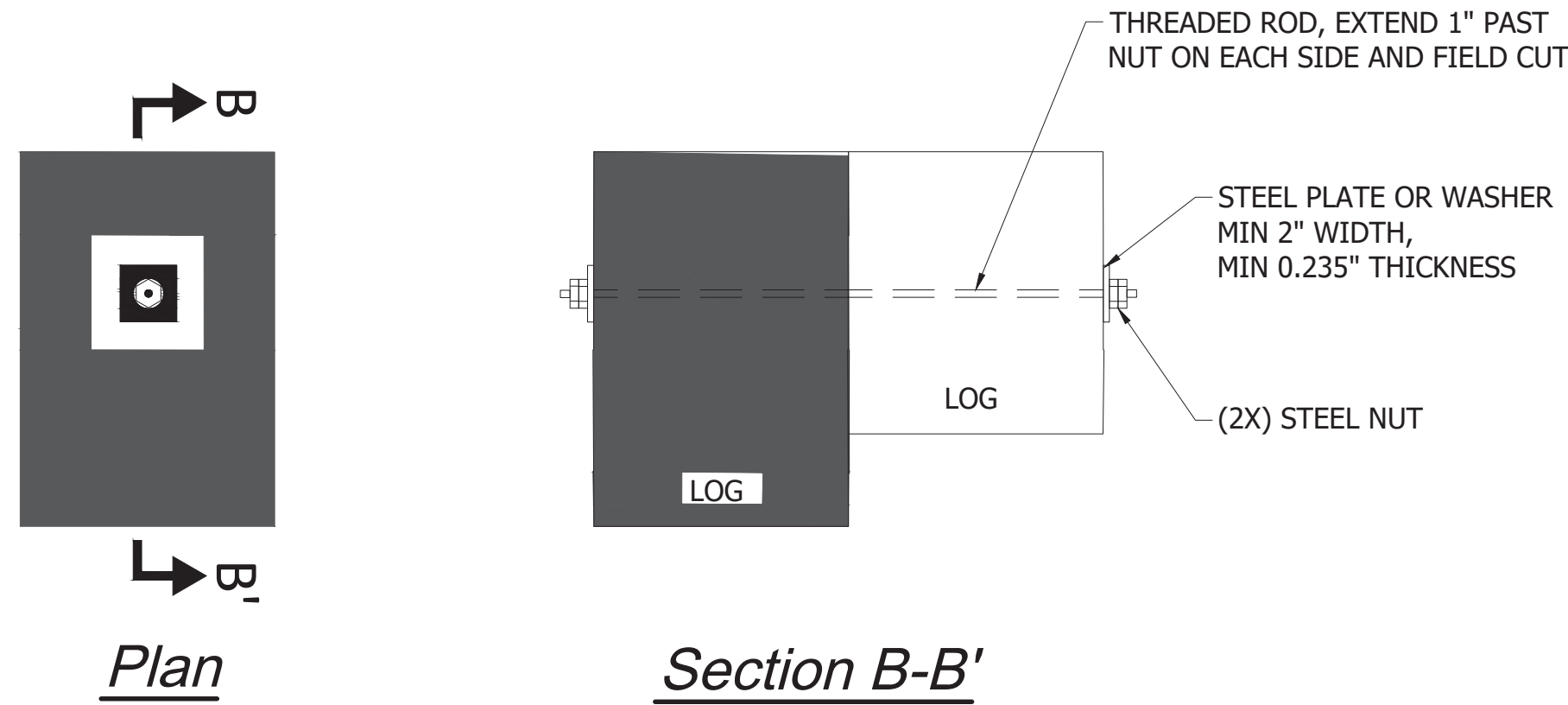


A
-
LIVE CRIB TYPICAL SECTION
SCALE: 1" = 10'

LOG SIZES			
ITEM	LOG DIA (IN.)	MIN. LENGTH (FT.)	ROOTWAD DIA (IN.)
ROOTWAD LOG	18	25	48
LOG POLE	18	35	N/A



2
-
THREADED ROD VERTICAL CONNECTION
SCALE: NTS

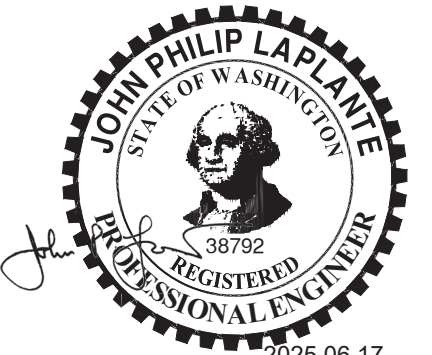


3
-
THREADED ROD WASHER AND NUT CONNECTION
SCALE: NTS
NOTE: DETAIL SHOWN DEPICTS CONNECTION BETWEEN TWO LOGS, BUT IS ALSO APPLICABLE TO CONNECTION BETWEEN THREE LOGS.

CAD NO. P220-6404-2025-0363-PL-Construction Details.dwg

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PEARRYGIN LAKE
STATE PARK

CREEK CHANNEL
STABILIZATION

LIVE CRIB DETAILS
(2 OF 2)

SCALE

PARKS FILE#

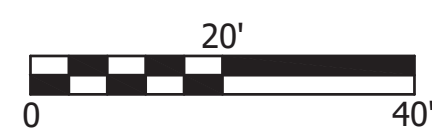
- - - - - PARCEL BOUNDARY
 - - - - - EXISTING THALWEG
 - - - - - PROPOSED 2 YEAR FLOOD LINE
 - - - - - CHP - EXISTING OVERHEAD POWER LINE
 - - - - - P - EXISTING UNDERGROUND POWER LINE
 - - - - - W - EXISTING IRRIGATION MAIN LINE

PROJECT LIMITS
 PROPOSED THALWEG
 NEW OVERBANK RIPARIAN PLANTING
 NEW RIPARIAN PLANTING
 UPLAND/SHRUB-STEPPE HYDROSEED
 NEW LARGE WOODY MATERIAL
 NEW CRIB BENCH LOG
 NEW TREE

-----w	NEW MAIN LINE (SIZE AS NOTED)
-----	NEW 3/4" IRRIGATION LINE, SHRUB
-----	NEW 3/4" IRRIGATION LINE, TREE
	NEW CONTROL VALVE
	NEW QUICK COUPLER
	NEW GATE VALVE
	NEW PRESSURE REDUCER

1. SEE SHEET 3 FOR SURVEY AND GENERAL NOTES.
2. SEE SHEET 17 FOR PLANTING PLAN.

1. 120 AVAILABLE PSI FROM IRRIGATION PUMP, VERIFY SYSTEM OPERATION TIMING AND LOCATION WITH WASHINGTON STATE PARKS DEPARTMENT.
2. INSTALL 3/4" POLY DRIP LINE PARALLEL WITH EXISTING SLOPE.
3. SEE SHEET 16 FOR IRRIGATION DETAILS.



1. CUT EX. 4" PVC MAINLINE STUB OUT.
2. REDUCE 4" SCHEDULE MAINLINE TO 2" SCHEDULE 80 PVC.
3. ADD 2" GATE VALVE AND PRESSURE REGULATOR ON GRADE COVER WITH A BURIED RECTANGULAR VALVE BOX W LOCKING LID (BURY 6" MINIMUM)
4. STAKE TO THE GROUND WITH 4 EACH 12" LONG # 3 RE-BAR W "J" HOOK 12" DEEP MINIMUM
5. TRANSITION 2" MAINLINE TO 1" RAIN LIRD POLY PIPE.

SHRUB
STA: S1
VALVE: 1"
G.P.M.: 6
AREA: 5,970 SF
FEET: 1,320
EMITTERS: 330
30 P.S.I.
0.75 IN./HR.

TREE	
STA:	52
VALVE:	1"
G.P.M.:	1
AREA:	N/A
FEET:	280
EMITTERS:	45
	30 P.S.I.
	0.75 IN./HR.

SHRUB
STA: N1
VALVE: 1"
G.P.M.: 5
AREA: 4,100
FEET: 1050
EMITTERS: 263
30 P.S.I.
0.75 IN./HR.

TREE
STA: N2
VALVE: 1"
G.P.M.: 1
AREA: N/A
FEET: 145
EMITTERS: 27
30 P.S.I.
0.75 IN./HR.

ROUTE IRRIGATION
MAIN LINE THROUGH
EXISTING SLEEVE
ATTACHED TO THE
CONCRETE BOX
CULVERT

STAKE PROPOSED 1" IRRIGATION MAIN
LINE WITH #3 REBAR W/ "J" HOOK EVERY
25', TYP. EMBED REBAR MINIMUM 12"

- ① REDUCE 4" SCH 80 TO 2" SCHEDULE 80 PVC
- ② 2" NIBCO T 113 BRASS GATE VALVE
- ③ 2" ZERN WILKINS 600XL3HRG (50PSI TO 125 PSI}
- ④ PROVIDE ABOVE GRADE VALVE BOX FOR GATE VALVE AND PRESSURE REGULATOR.
- ⑤ REDUCE 2" SCHEDULE 80 PVC TO 1" HEAVY DUTY POLY PIPE FOR MAINLINE.
- ⑥ RAIN BIRD IRRIGATION CONTROLLER ESP-BAT-BT AND TWO BAP-BT-2 STATION CONTROLLERS
- ⑦ TEE OFF THE MAINLINE FOR THE LINER AND TREE VALVES (2 EACH 1" RAIN BIRD REMOTE CONTROL VALVE XCZ-100-PRB-COM) ON EACH SIDE OF THE CREEK.
- ⑧ PROVIDE BLANK 3/4" RAIN BIRD POLY DRIP LINE WITH BARBED EMITTER (RAINBIRD XBT-20PC FOR TREE ZONES AND XB-10PC1032 FOR SHRUB ZONES)
STABBED INTO THE LINE AT EACH PLANT.
- ⑨ RAIN BIRD 33DLRC QUICK COUPLER

100% DESIGN

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED	DS	05/16/2025
DRAWN	CH	05/16/2025
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PEARRYGIN LAKE
STATE PARK

CREEK CHANNEL STABILIZATION

IRRIGATION PLAN

SCALE

$$1'' = 20'$$

PARKS FILE#

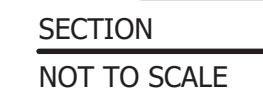
ACTION	BY	DATE
DESIGNED	DS	05/16/2025
DRAWN	CH	05/16/2025
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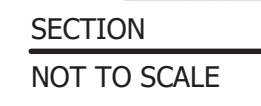
IRRIGATION DETAILS

AS NOTED

PARKS FILE#


$$\frac{1}{15}$$

1. ALL THREADED CONNECTIONS TO BE COATED WITH TEFLON TAPE OR EQUAL.
2. CONFIRM ALL SCH. TYP.

 $\frac{2}{15}$

ADDED CONNECTIONS TO BE COATED WITH TEFLON TAPE OR EQUAL.
 1. T-SERIES DRIP EMITTERS (2 GPH) PER CONTAINER.
 2. MAIN PIPE SHALL RUN PARALLEL TO SLOPE WITH DRIP EMITTER RISERS INSTALLED ABOVE
 MAIN LINE/UP TO SLOPE AS SHOWN ABOVE.
 3. SPACING SHALL BE BASED ON PLANT SPACING. INSTALL IRRIGATION USING THE
 SPACING DESCRIBED ABOVE. THE IRRIGATION SHALL BE COMPLETELY INSTALLED PRIOR TO
 PLANTING. ADJUST PLANTING SPACING TO FINAL IRRIGATION LAYOUT.



15

NOTES:

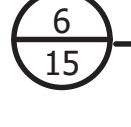
1. SEE SHEET 19 FOR PLANTING LAYOUT DETAIL.
2. DRIP EMITTERS SHALL BE INSTALLED ON THE UPSLOPE SIDE OF THE PROPOSED 3/4" DRIP POLY LATERAL.
3. STAKE LATERAL LINES AT 15' O.C. WITH 12" LONG #3 RE-BAR W/ "J" HOOK 12" DEEP MINIMUM (TYP)


$$\frac{4}{15}$$

1. ALL THREADED CONNECTIONS TO BE COATED WITH TEFLON TAPE OR EQUAL.
2. CONFIRM ALL SCH. TYP.


$$\frac{5}{15}$$

ADDED CONNECTIONS TO BE COATED WITH TEFLON TAPE OR EQUAL.
Z-T-SERIES DRIP EMITTERS (2 GPH) PER CONTAINER.
RIGID PIPE SHALL RUN PARALLEL TO SLOPE WITH DRIP EMITTER RISERS INSTALLED ABOVE
RIGID LINE/UP TO SLOPE AS SHOWN ABOVE.
SPACING SHALL BE BASED ON PLANT SPACING. INSTALL IRRIGATION USING THE
METHODS DESCRIBED ABOVE. THE IRRIGATION SHALL BE COMPLETELY INSTALLED PRIOR TO
PLANTING. ADJUST PLANTING SPACING TO FINAL IRRIGATION LAYOUT.



1. SEE SHEET 19 FOR PLANTING LAYOUT DETAIL.
2. DRIP EMITTERS SHALL BE INSTALLED ON THE UPSLOPE SIDE OF THE PROPOSED 3/4" DRIP POLY LATERAL.
3. STAKE LATERAL LINES AT 15' O.C. WITH 12" LONG #3 RE-BAR W/ "J" HOOK 12" DEEP MINIMUM (TYP)

LEGEND, EXISTING:

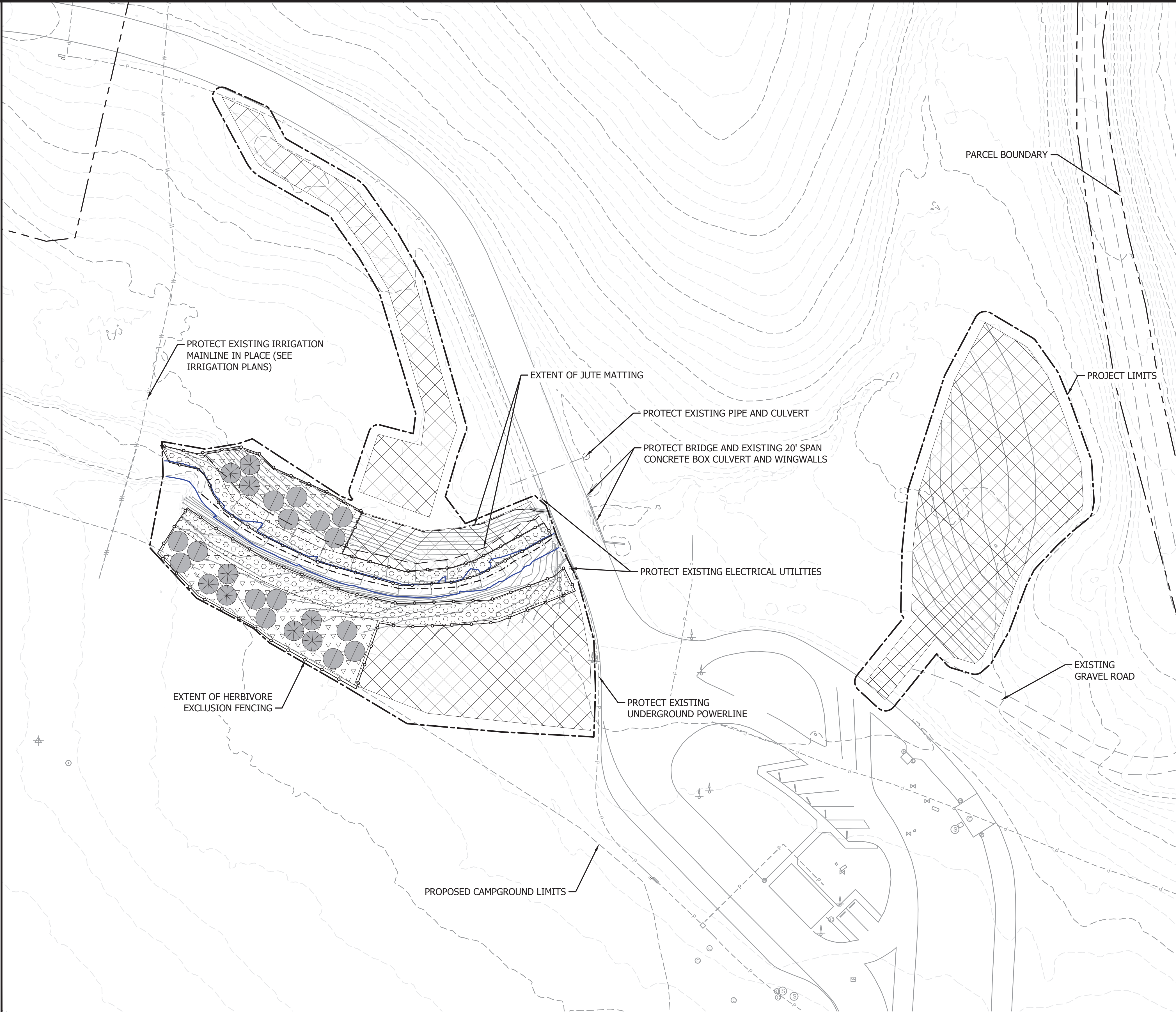
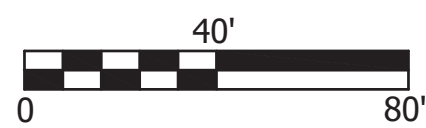
- PARCEL BOUNDARY
- EXISTING CONTOUR MAJOR (10' INTERVAL)
- EXISTING CONTOUR MINOR (2' INTERVAL)
- PROPOSED THALWEG
- PROPOSED 2 YEAR FLOOD LINE
- EXISTING UNDERGROUND POWER LINE
- EXISTING IRRIGATION MAIN LINE
- EXISTING SEWER UTILITY

LEGEND, PROPOSED:

- PROJECT LIMITS
- PROPOSED CONTOUR (1' AND 5' INTERVAL)
- NEW OVERBANK RIPARIAN PLANTING
- NEW RIPARIAN PLANTING
- HYDROSEED
- JUTE MATTING (SEE NOTE 2)
- NEW TREE
- HERBIVORE EXCLUSION FENCING (SEE DETAIL 5, SHEET 19)

NOTES:

- SEE SHEET 3 FOR SURVEY AND GENERAL NOTES.
- INSTALL JUTE MATTING ON SLOPES 4:1 OR GREATER



SHEET 17 OF 19

100% DESIGN

CAD NO. P220-6404-2025-0363-PL-Planting.dwg

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PEARRYGIN LAKE
STATE PARK

CREEK CHANNEL
STABILIZATION

PLANTING PLAN

SCALE

1" = 40'

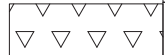
PARKS FILE#

K:\Projects\0363-WA State Parks\Pearrygin Lake State Park\Construction Plans\0363-PL-Plant Schedule.dwg PLANT SCHEDULE

Jun 16, 2025 10:51am chawett



PLANT SCHEDULE

	SCIENTIFIC NAME	COMMON NAME	SIZE	SPACING	QUANTITIES	NOTES	DETAIL
	TREES						
	POPULUS TRICHOCARPA	BLACK COTTONWOOD	5 GAL	AS SHOWN	9		
	POPULUS TREMULOIDES	QUAKING ASPEN	5 GAL	AS SHOWN	15		
	OVERBANK RIPARIAN PLANTING						
	CORNUS STOLONIFERA	RED OSIER DOGWOOD	LIVE STAKE	2' OC	550	CLUSTER SPECIES IN GROUPS OF 5-7	
	SALIX BEBBIANA	BEBB'S WILLOW	LIVE STAKE	2' OC	550	CLUSTER SPECIES IN GROUPS OF 5-7	
	SALIX EXIGUA	NARROWLEAF WILLOW	LIVE STAKE	2' OC	550	CLUSTER SPECIES IN GROUPS OF 5-7	
	SALIX SCOULERIANA	SCOULER WILLOW	LIVE STAKE	2' OC	550	CLUSTER SPECIES IN GROUPS OF 5-7	
	RIPARIAN PLANTING						
	DASIPHORA FRUTICOSA	SHRUBBY CINQUEFOIL	1 GAL	4' OC	145	CLUSTER SPECIES IN GROUPS OF 5-7	
	ROSA WOODSII	WOOD'S ROSE	1 GAL	4' OC	180	CLUSTER SPECIES IN GROUPS OF 5-7	
	SAMBUCUS CERULEA	BLUE ELDERBERRY	1 GAL	4' OC	75	CLUSTER SPECIES IN GROUPS OF 5-7	
	SPIRAEA DOUGLASII	DOUGLAS SPIREA	1 GAL	4' OC	145	CLUSTER SPECIES IN GROUPS OF 5-7	
	SYMPHORICARPUS ALBA	COMMON SNOWBERRY	1 GAL	4' OC	180	CLUSTER SPECIES IN GROUPS OF 5-7	
	HYDROSEED						
	SEE SPECIFICATION FOR SEED MIX SPECIES				44,360 SF	SEE SPECIFICATIONS FOR PERCENT BY WEIGHT AND APPLICATION RATES	N/A

CAD NO. P220-6404-2025-0363-PL-Plant Schedule.dwg

	DATE
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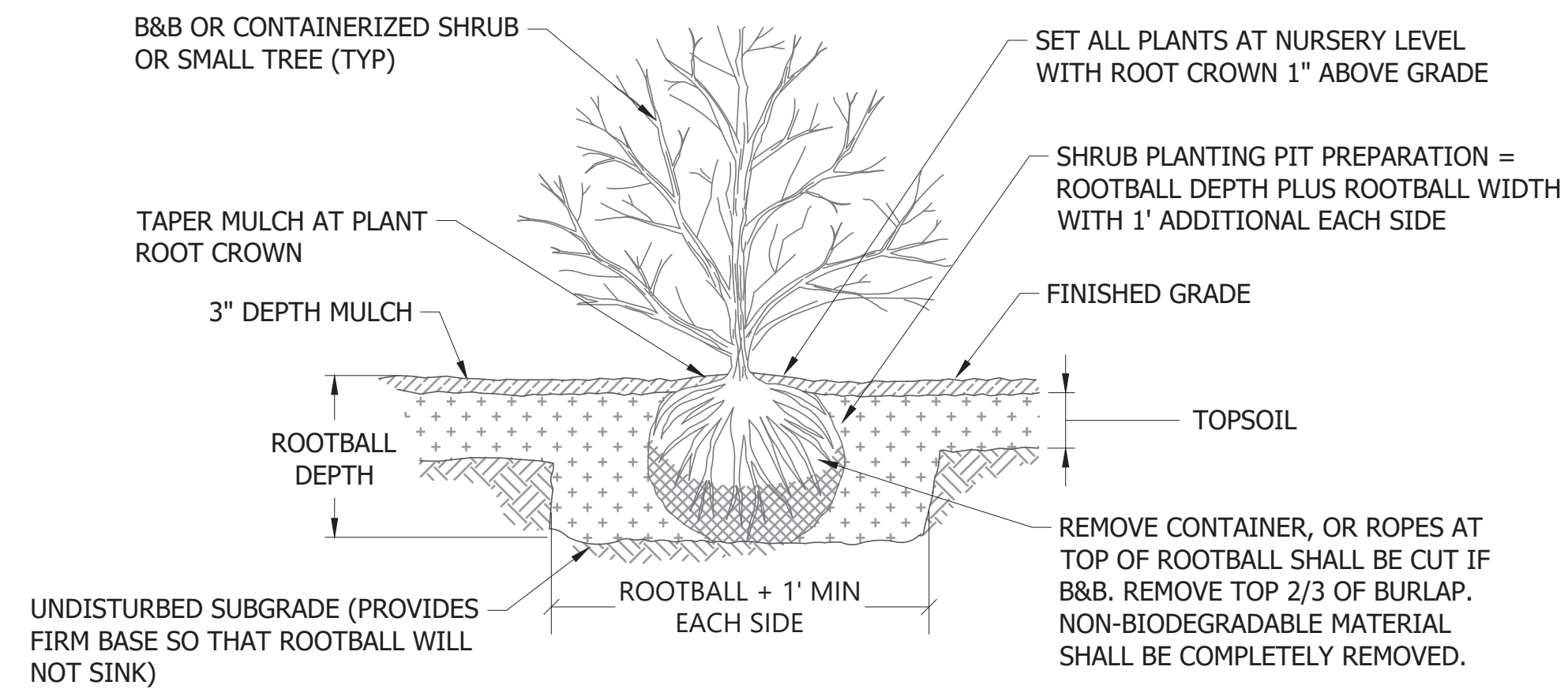
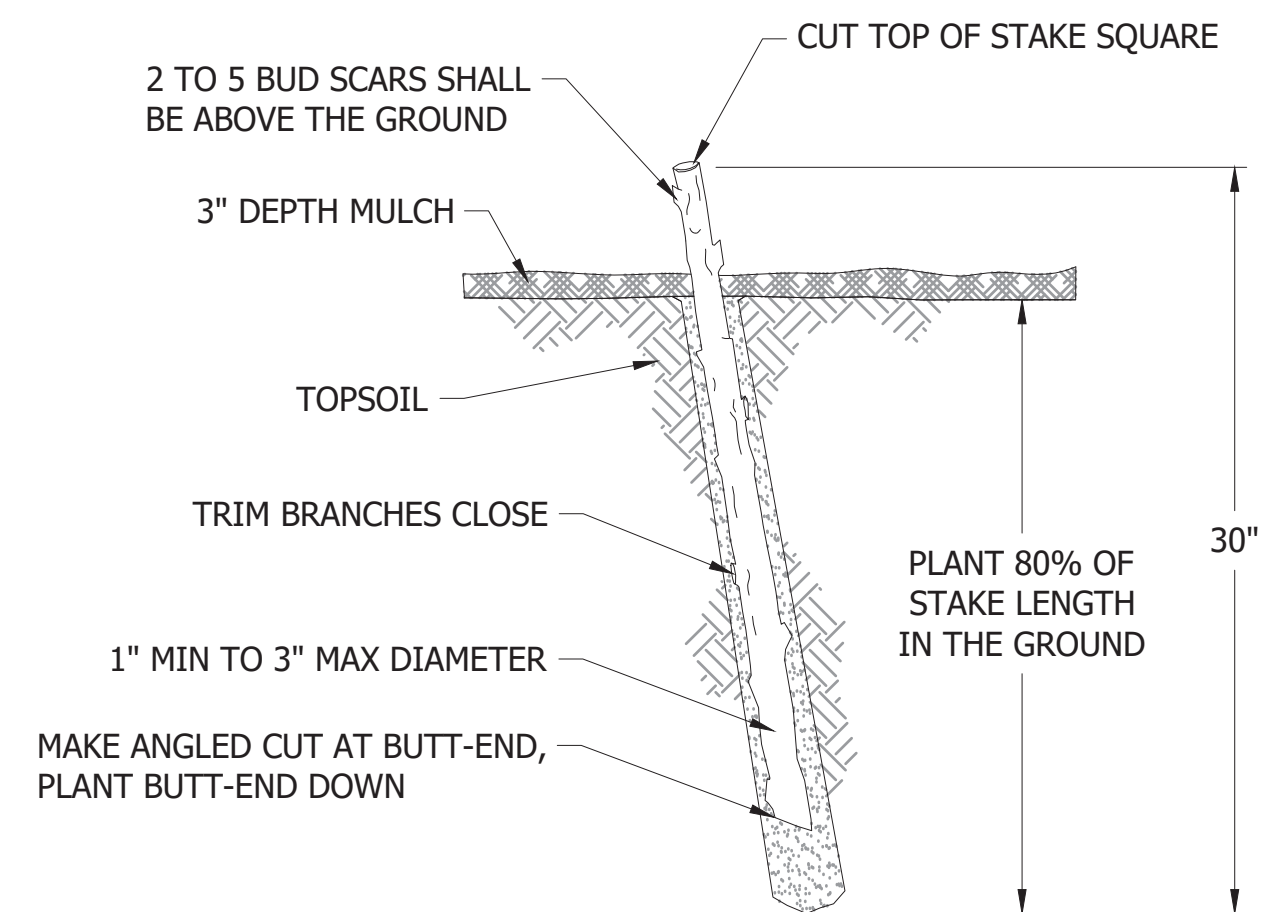
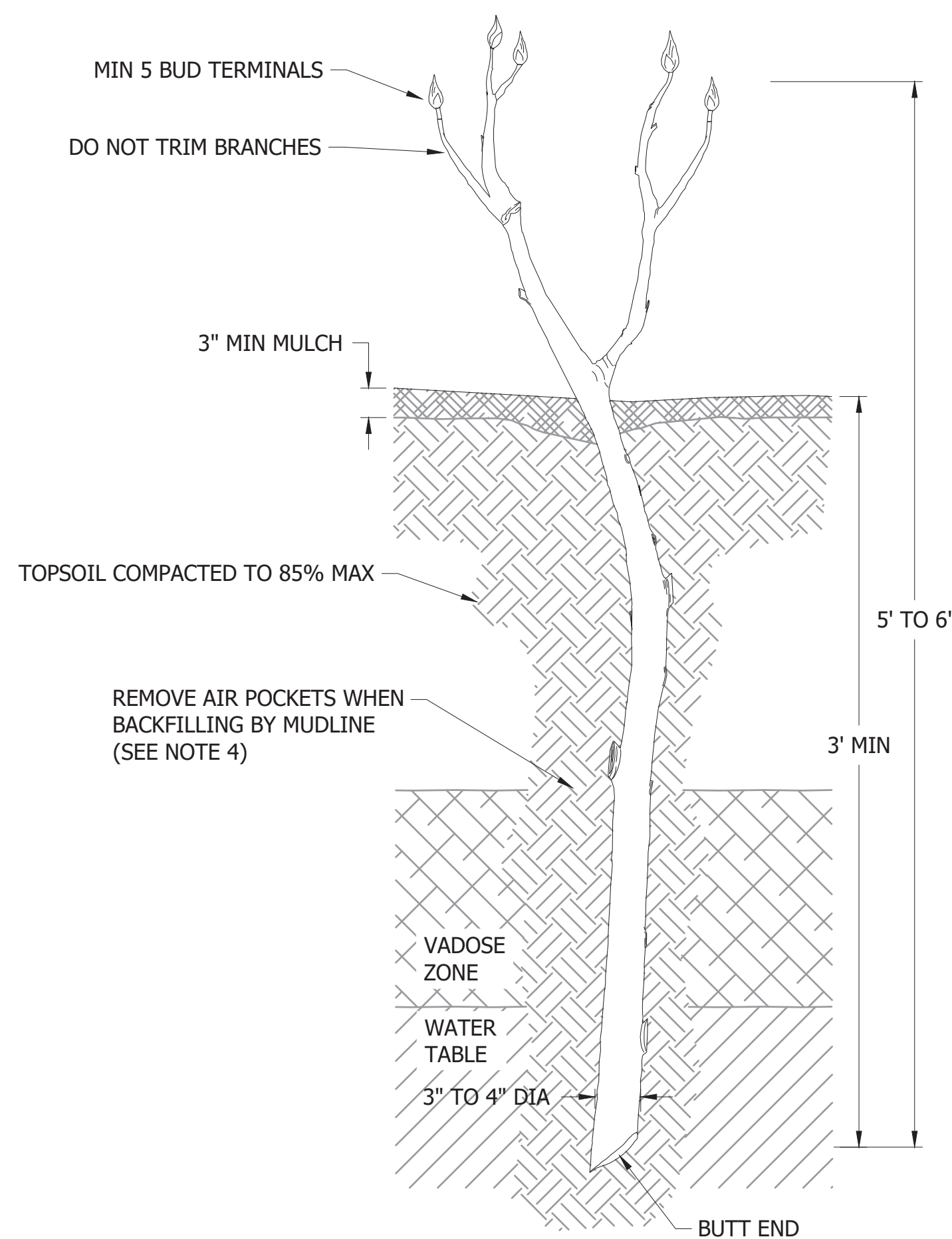


PEARRYGIN LAKE
STATE PARK

CREEK CHANNEL
STABILIZATION

PLANT SCHEDULE

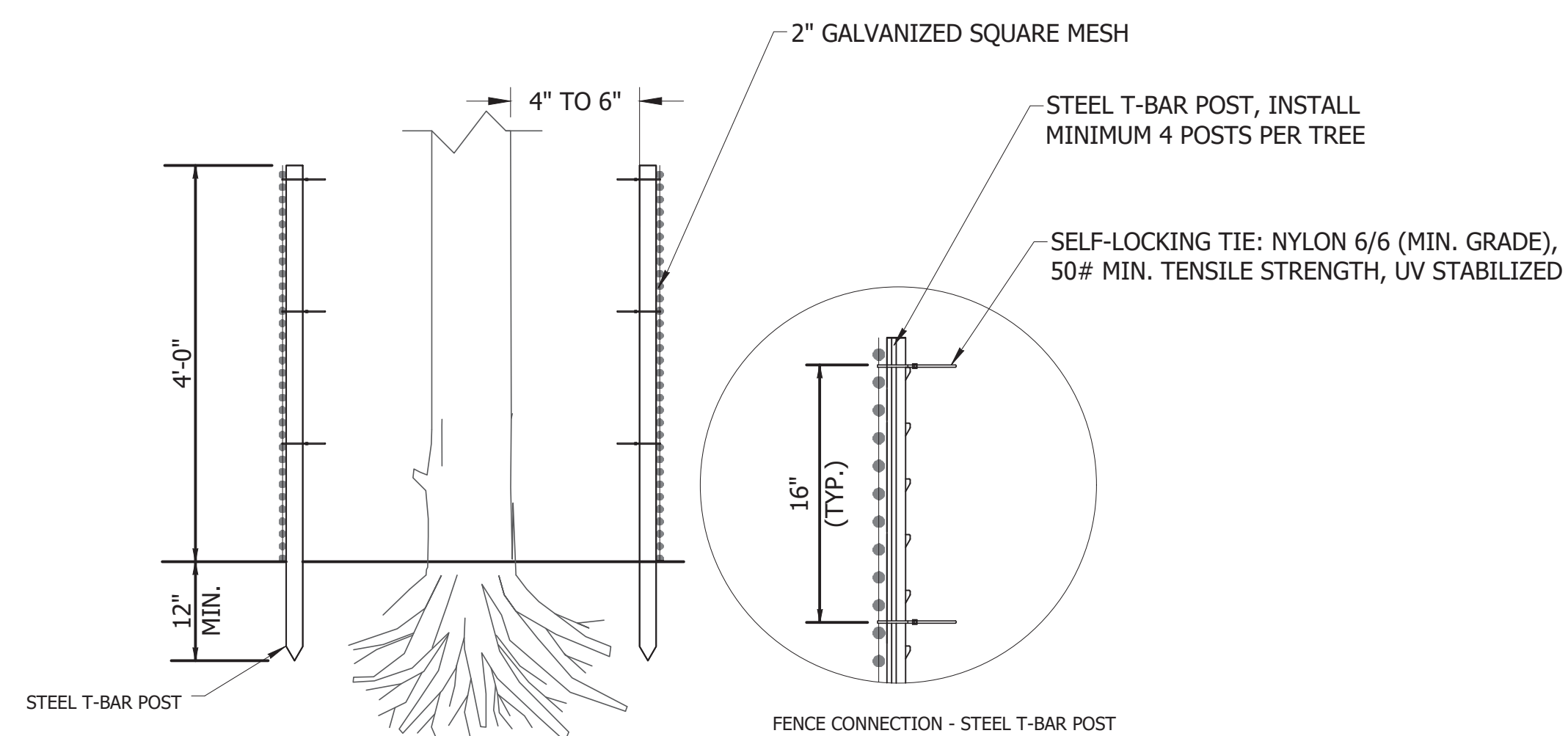
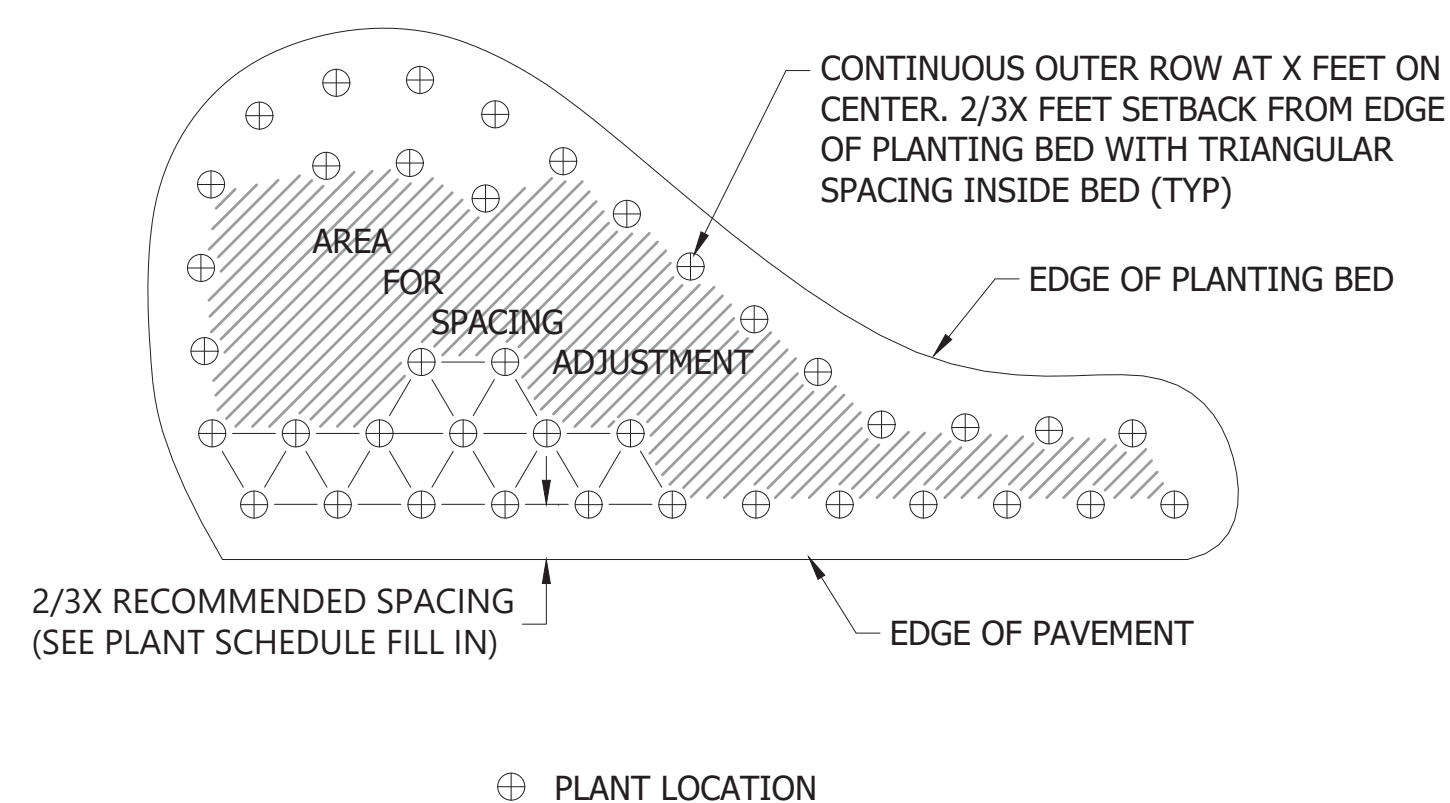
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- NOTES:
1. HARVEST AND PLANT STAKES DURING THE DORMANT SEASON.
 2. MAKE CLEAN CUTS AND DO NOT DAMAGE STAKES OR SPLIT ENDS DURING INSTALLATION, USE A PILOT BAR IN FIRM SOILS.
 3. SOAK CUTTINGS CONTINUOUSLY PRIOR TO INSTALLATION.
 4. TAMP THE SOIL AROUND THE STAKE.
 5. ONLY NURSERY-GROWN STOCK SHALL BE USED. HARVESTING OF WILD PLANTS IS NOT ACCEPTABLE.
 6. USE EQUAL NUMBER AND EVEN DISTRIBUTION OF EACH WILLOW SPECIES.



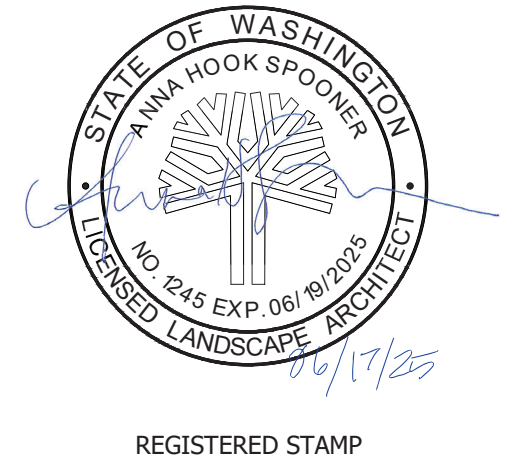
- NOTES:
1. SOAK POLES CONTINUOUSLY PRIOR TO PLANTING.
 2. THE POLE CUTTINGS SHALL EXTEND THROUGH THE VADOSE ZONE AND INTO THE PERMANENT WATER TABLE.
 3. AT LEAST 2/3 OF THE POLE SHOULD BE BELOW THE GROUND (AT LEAST 3 FEET), AND LONG ENOUGH TO EMERGE ABOVE ADJACENT VEGETATION.
 4. "MUDDYING": FILLING THE HOLE WITH WATER THEN SOIL TO MAKE A MUD SLURRY CAN REMOVE AIR POCKETS.
 5. USE STEEL BAR TO CREATE PILOT HOLES (FULL DEPTH) PRIOR TO INSTALLING POLES.



- NOTES:
1. REFER TO SPECIFICATIONS SECTION 329300 - PLANTING.



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PEARRYGIN LAKE STATE PARK

CREEK CHANNEL STABILIZATION

PLANTING DETAILS

SCALE

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