

WASHINGTON STATE PARKS & RECREATION COMMISSION

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SOPHIA DANENBERG

LAURIE CONNELLY

MICHAEL LATIMER

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HOLLY WILLIAMS

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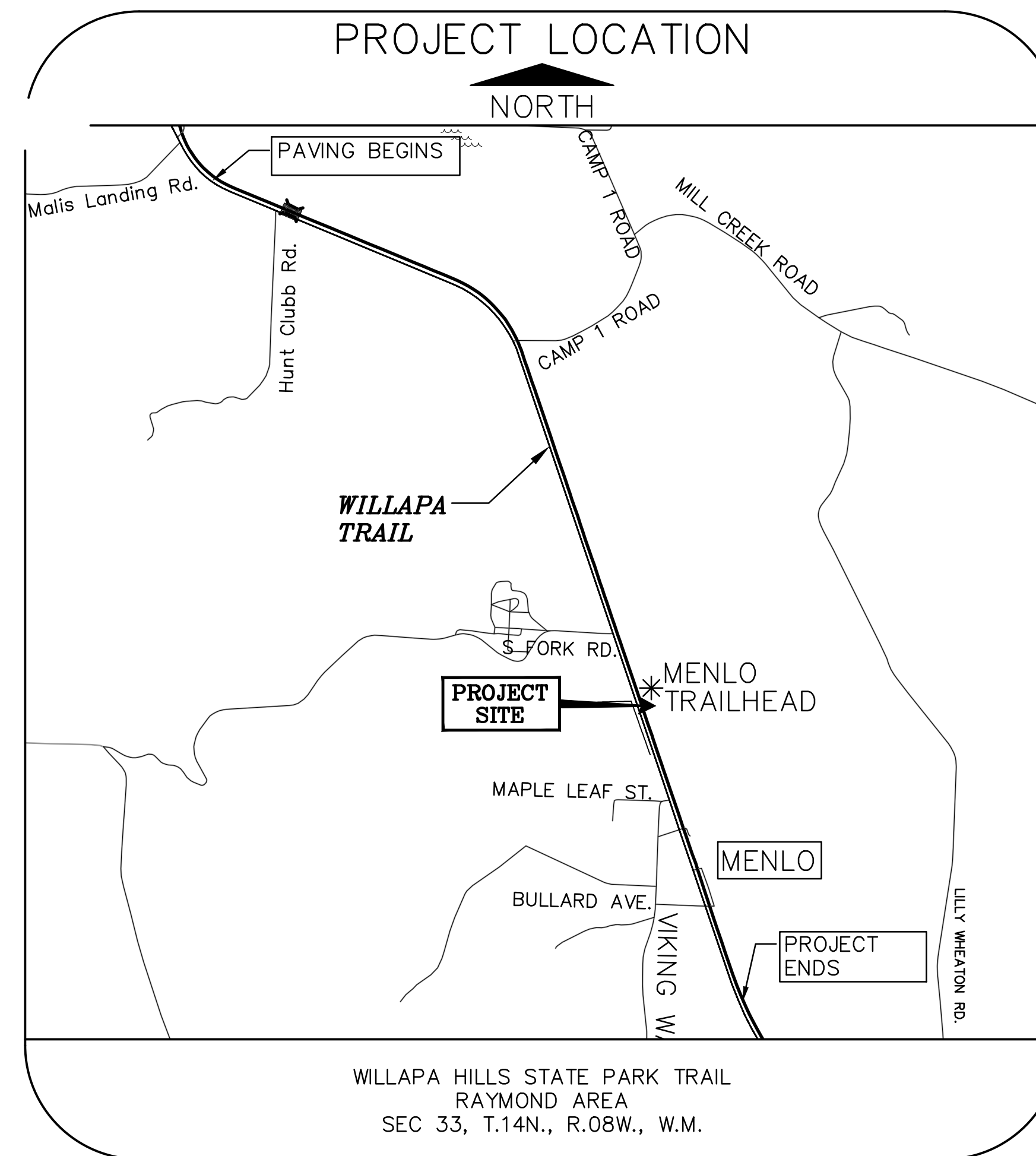
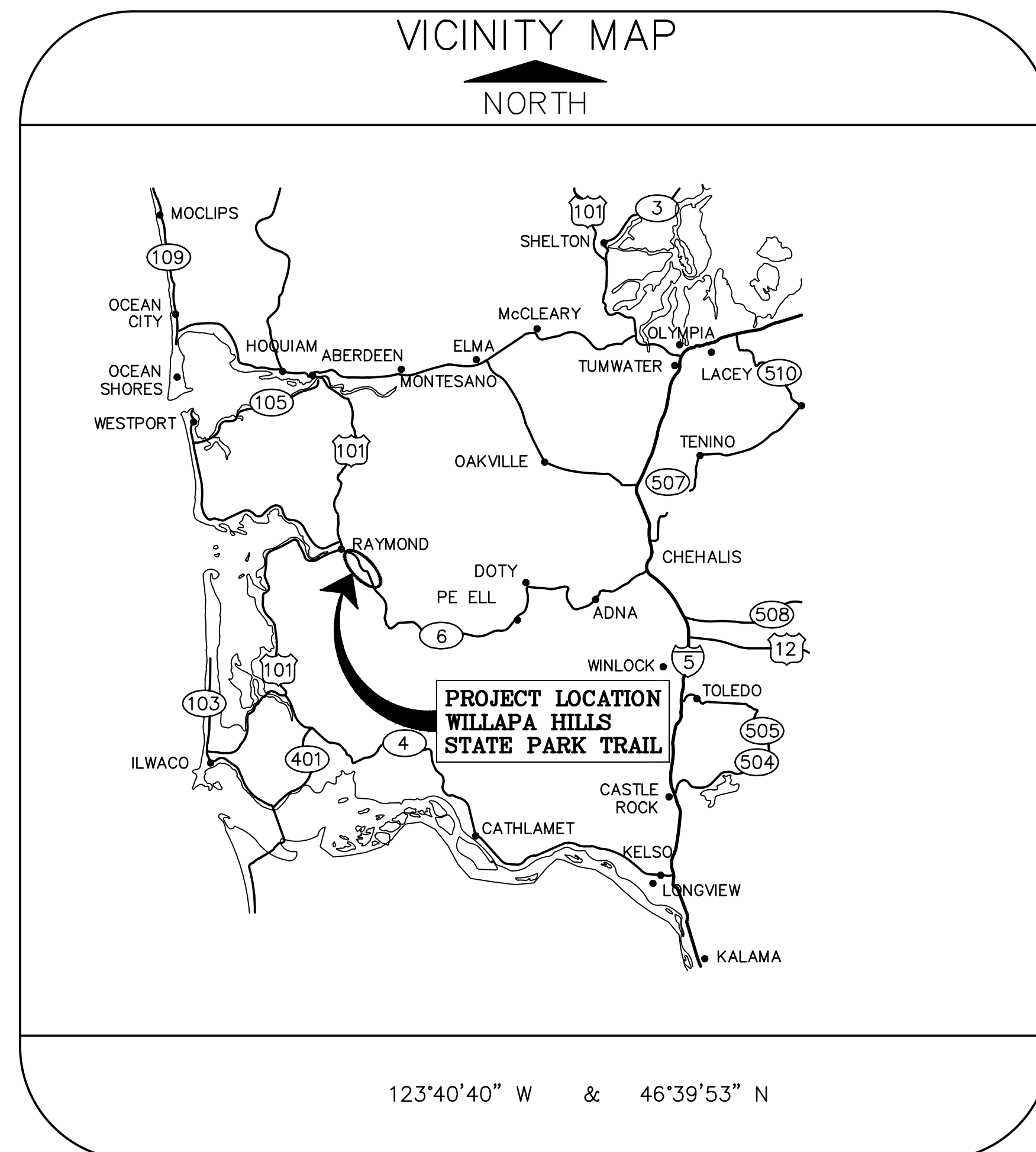
APPROVED FOR CONSTRUCTION

REGION MANAGER _____ date _____

CAPITAL PROGRAM MANAGER _____ date _____

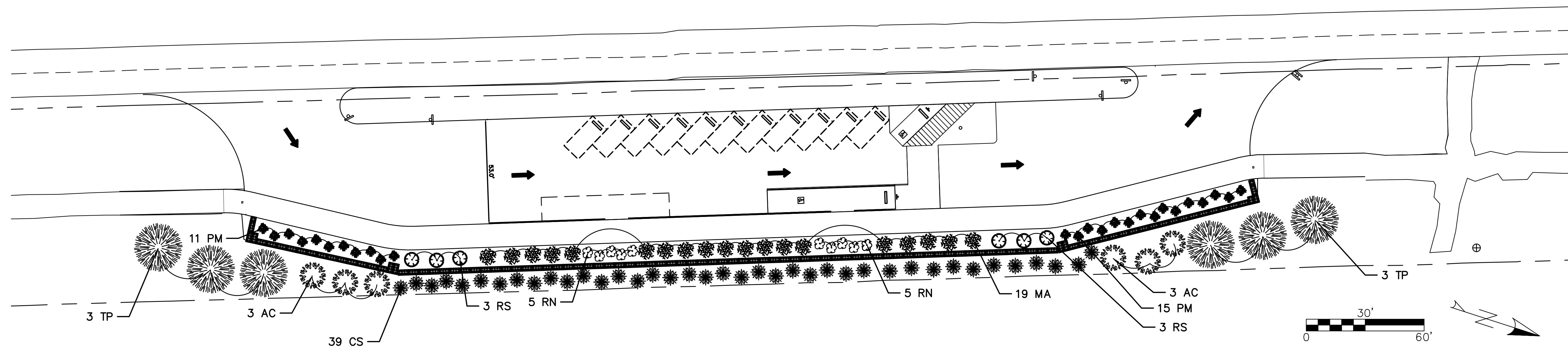
Area Manager: JANET HALSTEAD

WILLAPA HILLS STATE PARK TRAIL MENLO TRAILHEAD



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LANDSCAPE PLAN



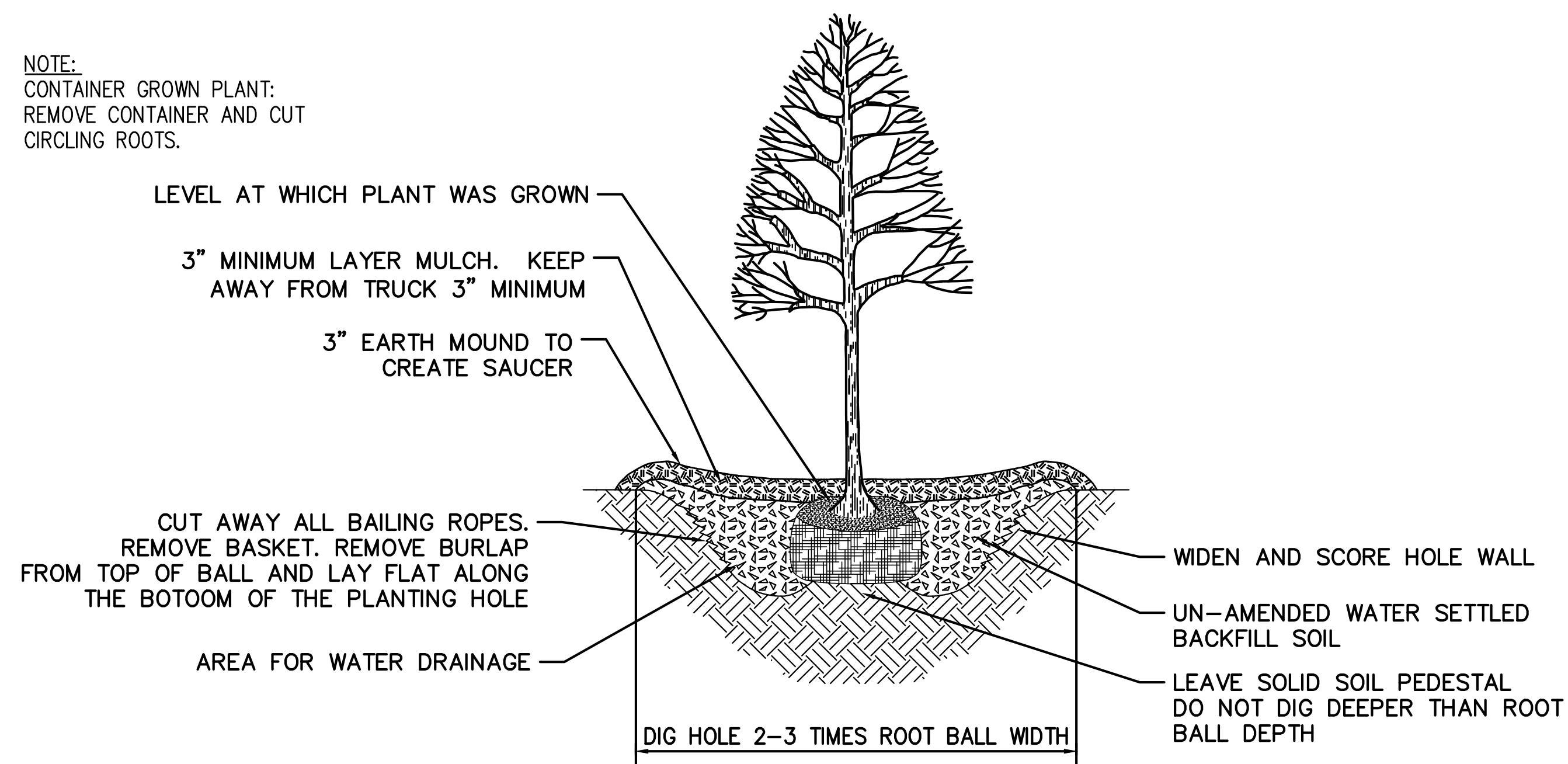
LANDSCAPE NOTES:

1. CONTRACTOR SHOULD SCALE DRAWING FOR DETERMINING PLANT SPACING
2. ANY PLANT SUBSTITUTIONS MUST BE APPROVED BY STATE PARKS PRIOR TO INSTALLATION.
3. ALL LANDSCAPE MATERIALS SHALL CONFORM TO AMERICAN STANDARD FOR NURSERY STOCK STANDARDS (ANSI Z60.1).
4. TWINE, STRAPPING, AND BASKETS ARE TO BE REMOVED FROM ALL PLANT MATERIALS AS MUCH AS POSSIBLE FROM NO LESS THAN HALF THE ROOT BALL.
5. TREE ROOT BALLS SHALL BE PLANTED WITH VISIBLE ROOT FLARE.
6. STAKES AND STRAPPING MUST BE REMOVED WITHIN THE FIRST YEAR FOLLOWING PLANTING TO TO ELIMINATE GIRDLING.
7. 3" OF LARGE CHUCK BARK TO SPREAD THROUGHOUT PLANTING AREAS.

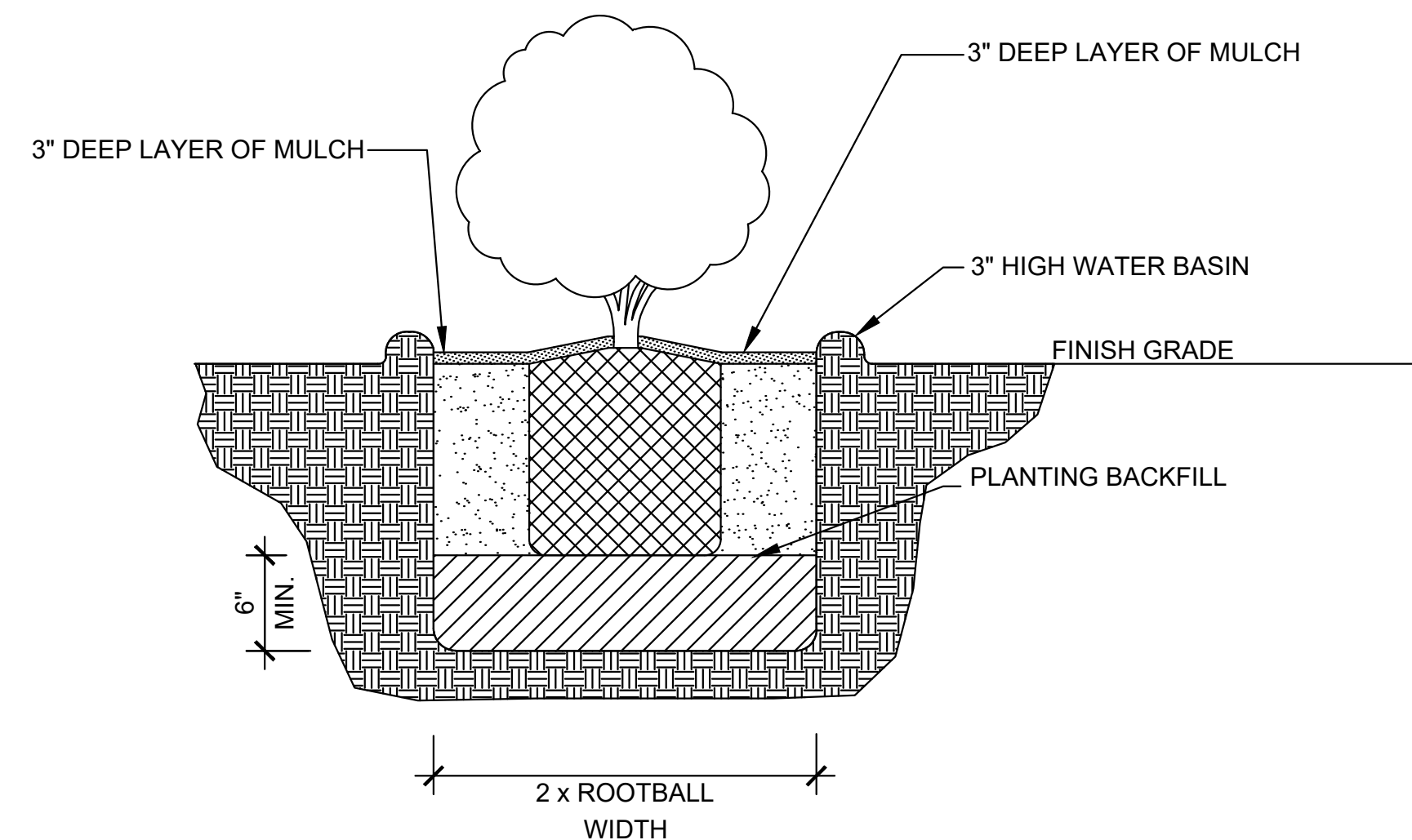
PLANT SCHEDULE

Symbol	Plant Name	QTY.
	AC Acer circinatum – Vine Maple #5	6
	CS Cornus sericea – Redoiser Dogwood 18" Stakes	39
	MA Mahonia aquifolium – Tall Oregon Grape #1	19
	PM Polystichum munitum – Western Sword Fern #1	26
	RS Ribes sanguineum – Red Flowering Currant #1	6
	RN Rosa nutkana – Nutka Rose 6"	10
	TP Thuja plicata – Western Red Cedar #10	6

NOTE:
CONTAINER GROWN PLANT:
REMOVE CONTAINER AND CUT
CIRCLING ROOTS.



(B) TREE PLANTING
NTS



(C) SHRUB PLANTING
NTS

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED	HL	02/08/2023
DRAWN	XXX	XX/XX/XX
CHECKED (FIELD)	XXX	XX/XX/XX
CHECKED (HDQTS.)	XXX	XX/XX/XX



1/31/2024
PROJECT ENGINEER

WASHINGTON
STATE
PARKS
AND
RECREATION
COMMISSION



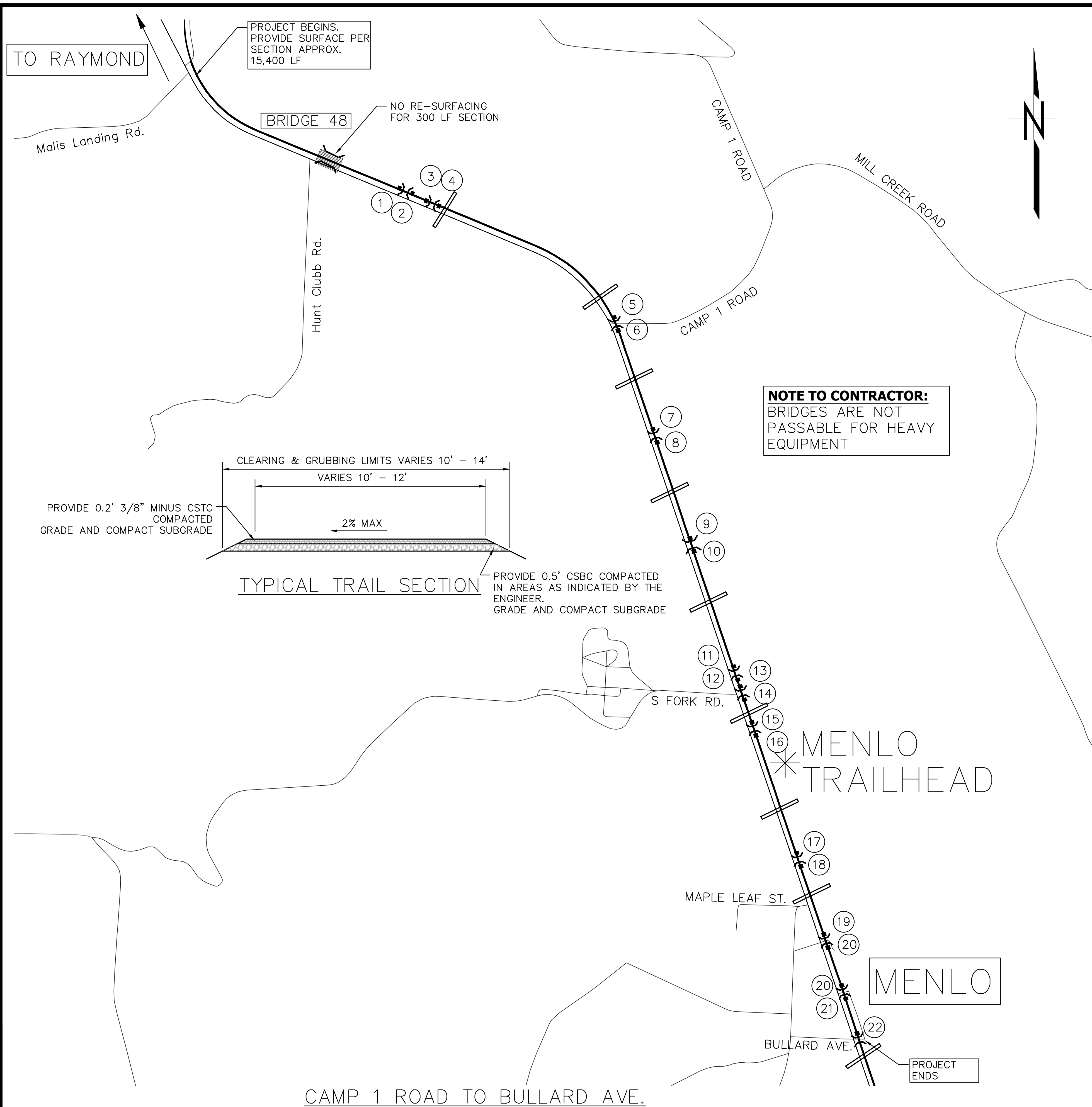
WILLAPA HILLS
STATE PARK
TRAIL

MENLO
TRAILHEAD

LANDSCAPE PLAN

SCALE
AS SHOWN

PARKS FILE#

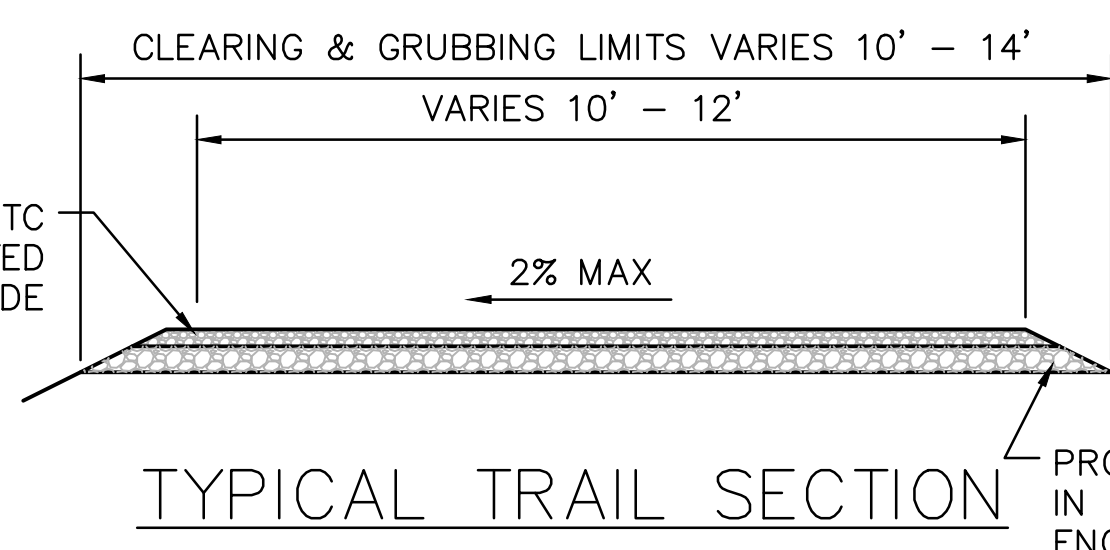


- NOTES:
1. PROVIDE SILT FENCING 15 FT UP/DOWN STREAM CROSSINGS.
 2. ALL BRIDGES EXCEPT BRIDGE NO. 48 ALONG THE TRAIL ARE LIMITED TO H15 LOADING. NO VEHICLE SHOULD BE ALLOWED ON BRIDGE NO. 48
 3. PROVIDE CASORON@4G WEED KILLER ON THE RESURFACED TRAIL. APPLY CHEMICAL PER MANUFACTURER'S INSTRUCTIONS.
 4. PROVIDE TRANSITION AT DRIVEWAYS/ROADWAYS.
 5. USE SMMWW BMP 105 AT PROJECT EXIT LOCATIONS

3.0 MILES - MALIS LANDING RD. TO BULLARD AVE.

- CULVERT
- MILE MARKER
- BRIDGE/TRESTLE
- CROSSING
- SILT FENCE
- DRIVEWAY
- CREEK/STREAM (NOT SHOWN)
- INSTALL PARK FURNISHED BOLLARDS AS DIRECTED (TYP 14) SEE DETAILS SHEETS 14 & 15

NOTE TO CONTRACTOR:
BRIDGES ARE NOT PASSABLE FOR HEAVY EQUIPMENT



ACTION	BY	DATE
DESIGNED	HL	02/08/2023
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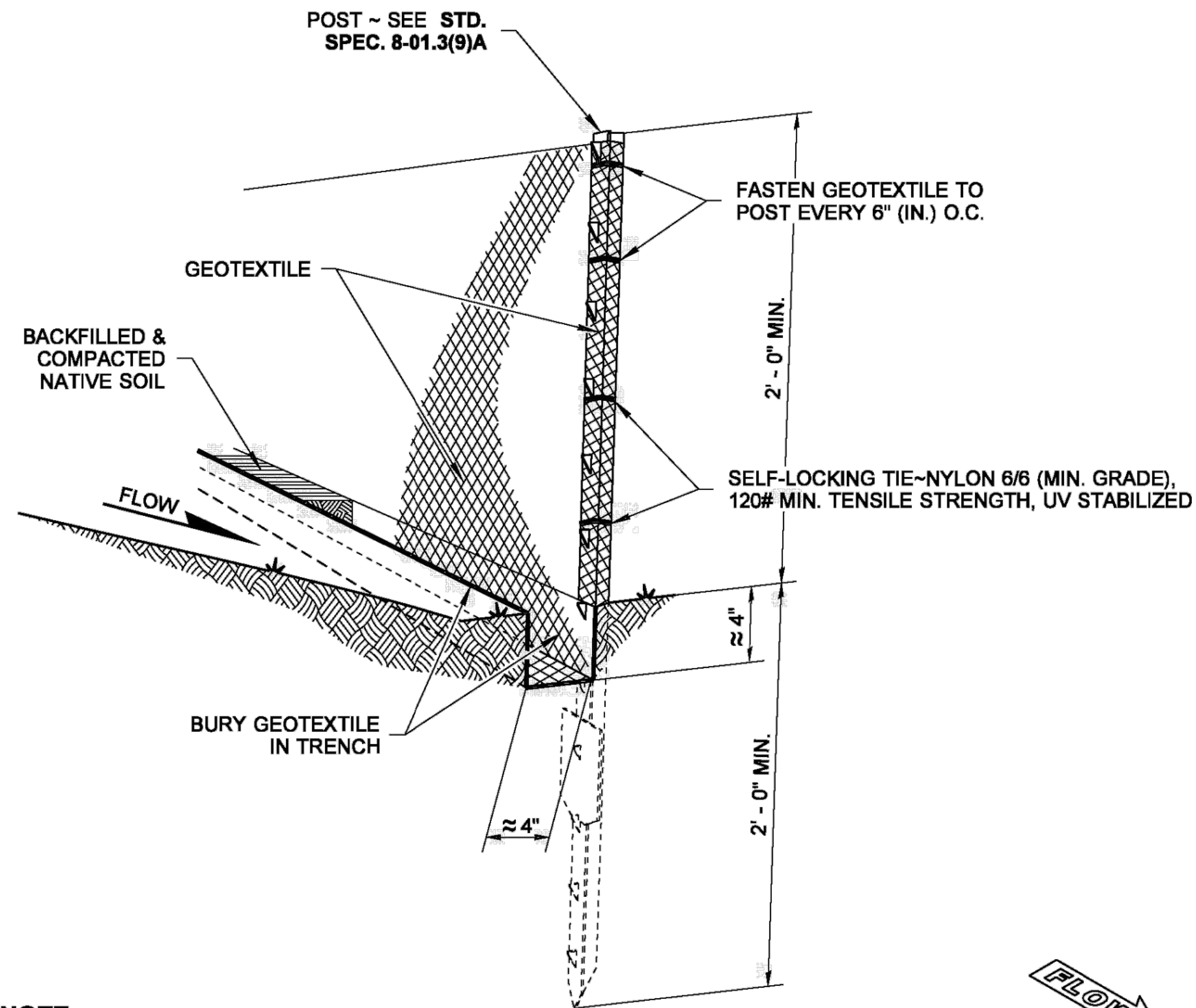


WASHINGTON STATE PARKS AND RECREATION COMMISSION

WILLAPA HILLS STATE PARK TRAIL
MENLO TRAILHEAD
TRAIL RESURFACING

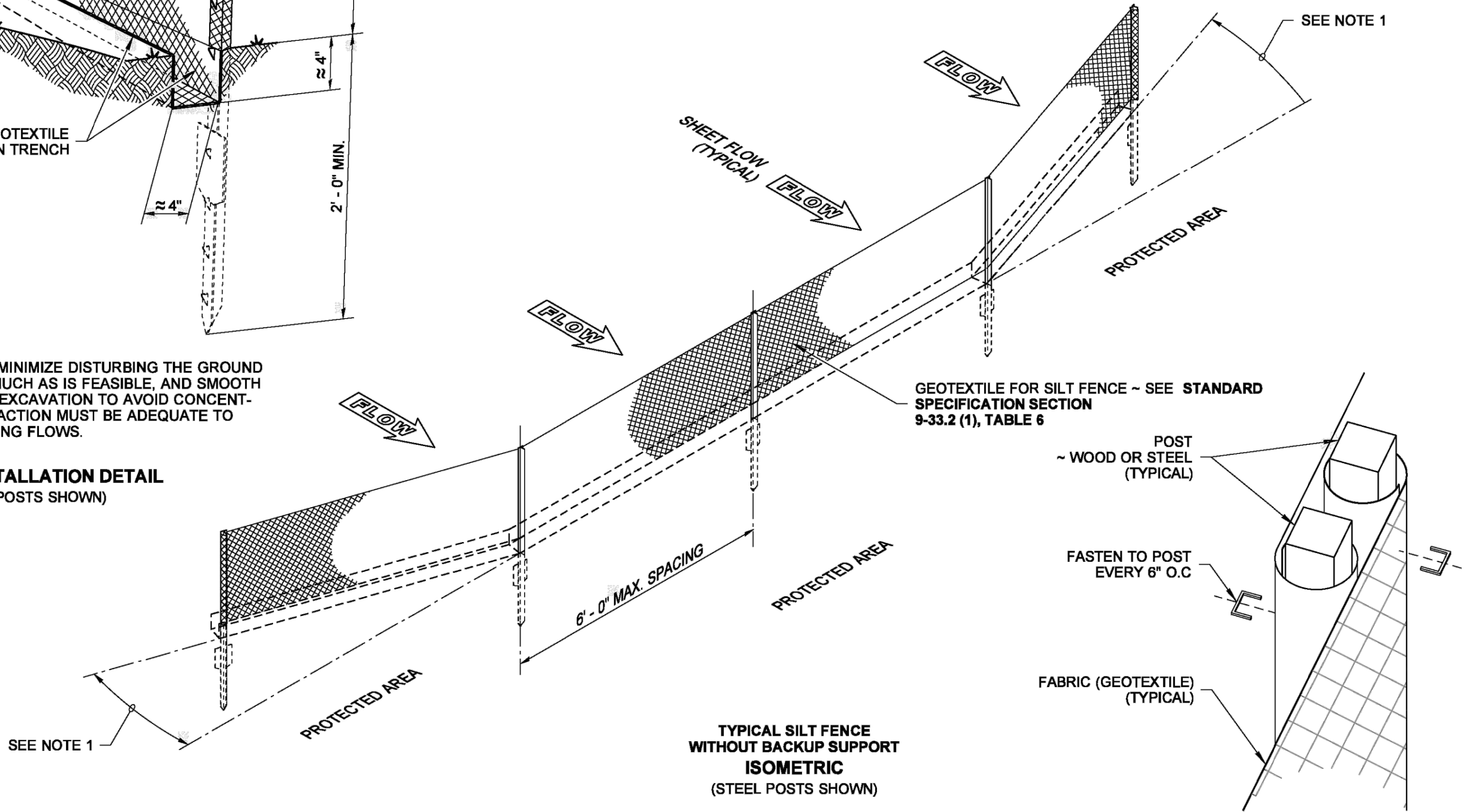
ALTERNATE BID ITEM - 3 MILES OF TRAIL SURFACING

DRAWN BY: BILL BERENS

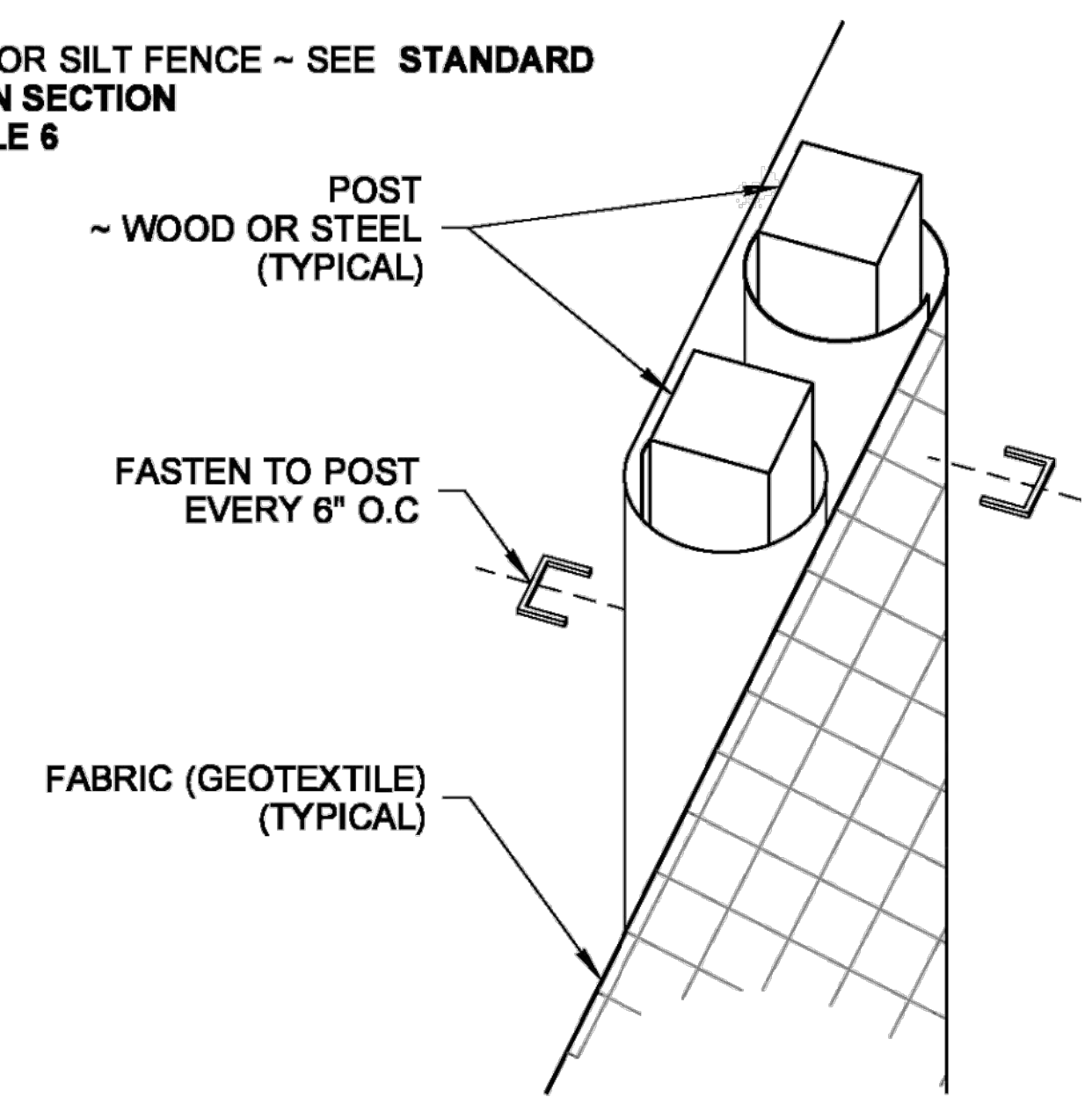


NOTE
 DURING EXCAVATION, MINIMIZE DISTURBING THE GROUND AROUND TRENCH AS MUCH AS IS FEASIBLE, AND SMOOTH SURFACE FOLLOWING EXCAVATION TO AVOID CONCENTRATING FLOWS. COMPACTION MUST BE ADEQUATE TO PREVENT UNDERCUTTING FLOWS.

TYPICAL INSTALLATION DETAIL
 (STEEL POSTS SHOWN)



TYPICAL SILT FENCE WITHOUT BACKUP SUPPORT ISOMETRIC
 (STEEL POSTS SHOWN)



SPLICED FENCE SECTIONS SHALL BE CLOSE ENOUGH TOGETHER TO PREVENT SILT LADEN WATER FROM ESCAPING THROUGH THE FENCE AT THE OVERLAP.

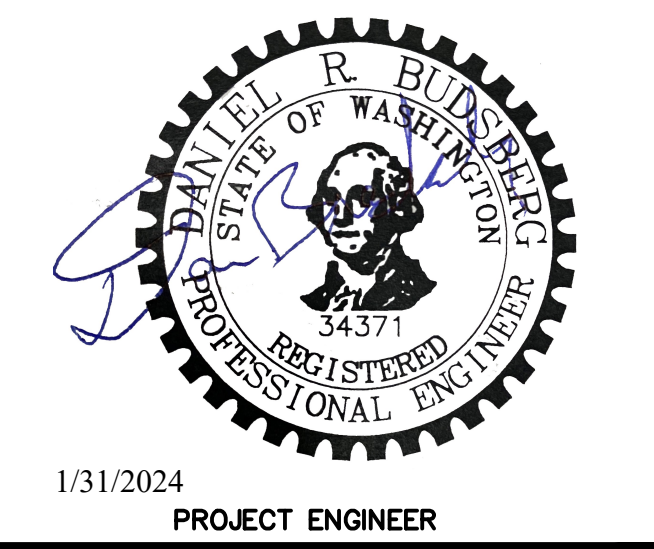
SPLICE DETAIL
 (WOOD POSTS SHOWN)

NOTES

1. Install the ends of the sediment from flowing
2. Perform maintenance 8-01.3(9)A and 8-01.3
3. Splices shall never be splices are located in reinstalled unless the
4. Install silt fencing para

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WASHINGTON STATE PARKS AND RECREATION COMMISSION

WILLAPA HILLS STATE PARK TRAIL
 MENLO TRAILHEAD
 STANDARD DETAILS - SILT FENCE

SCALE: NTS
 PARKS FILE#