

North Shore Substation

Design Outreach Update

April 4, 2022



Project Update

- Recap of Feb. 16 Public Meeting
- Presentation of final design concept
- Conditional Use Permit (CUP) next steps
- Construction Contract status
- Mid-summer construction activity

Feb. 16 Public Meeting

- Approximately 8 Zoom connections and 6 attendees in person.
- Staff included Jenna Rahm, Gary Rice, Vicki Griffin and Chris Overdorff from SCJ Alliance.
- Presentation included:
 - Overview of Visual Resource Management principles
 - Viewshed analysis and lines of sight
 - Preliminary design concepts

Regional Viewshed

1/2 mi.

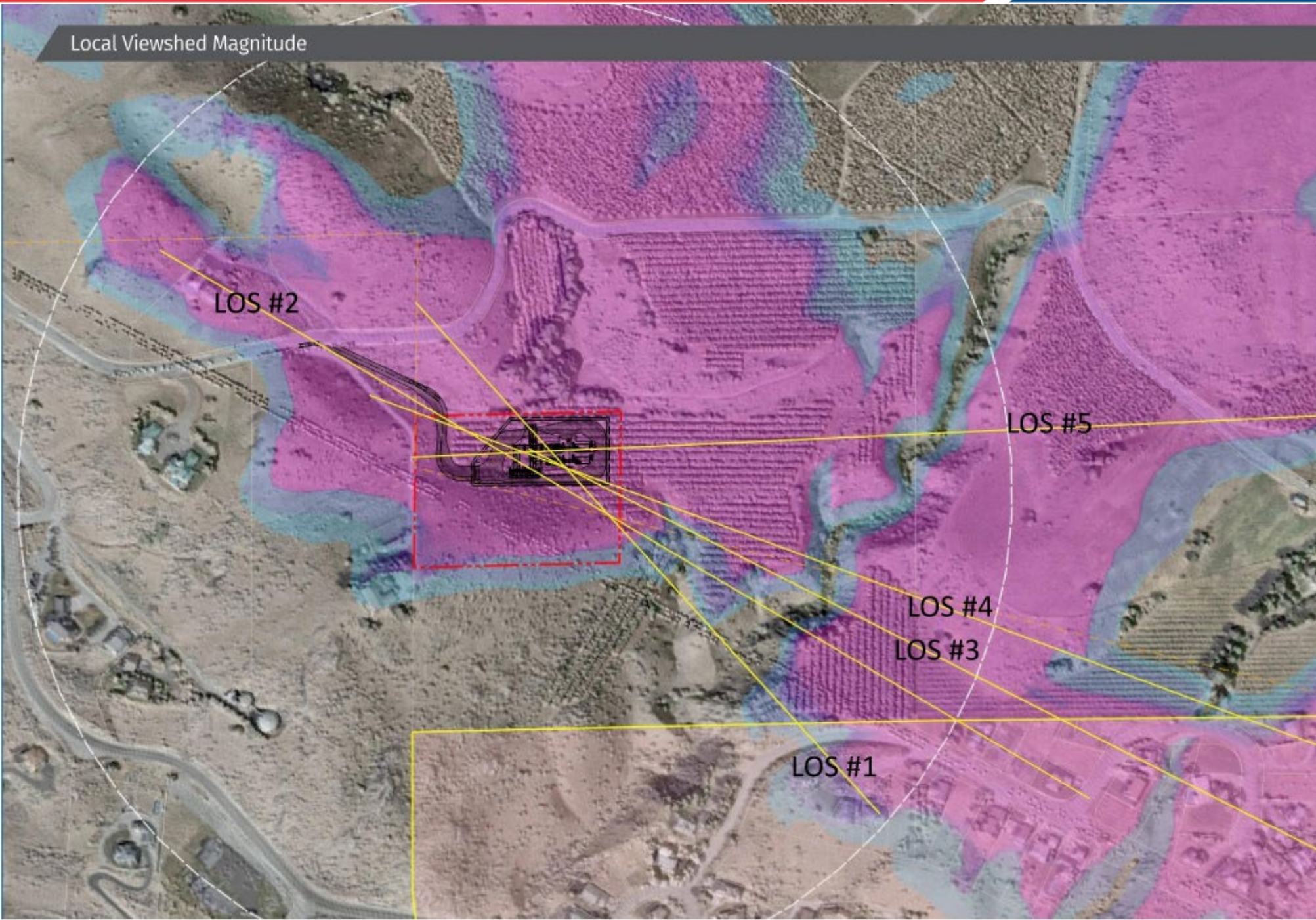
1/4 mi.

Henderson Rd.

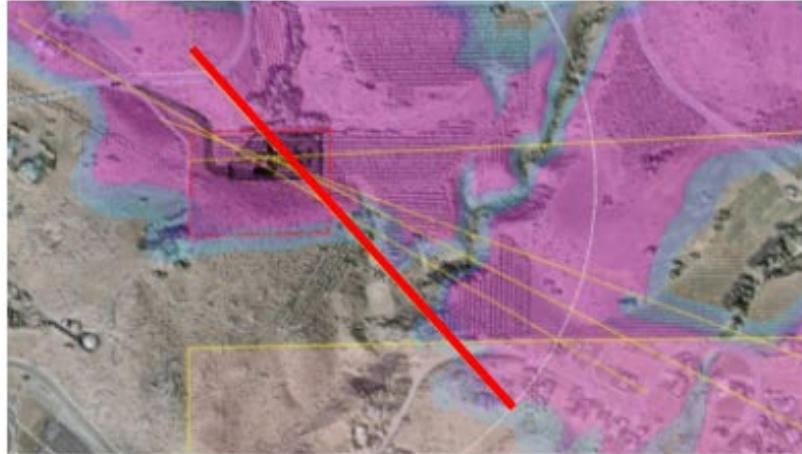
Boyd Rd.

Pinnacle Place

Local Viewshed Magnitude



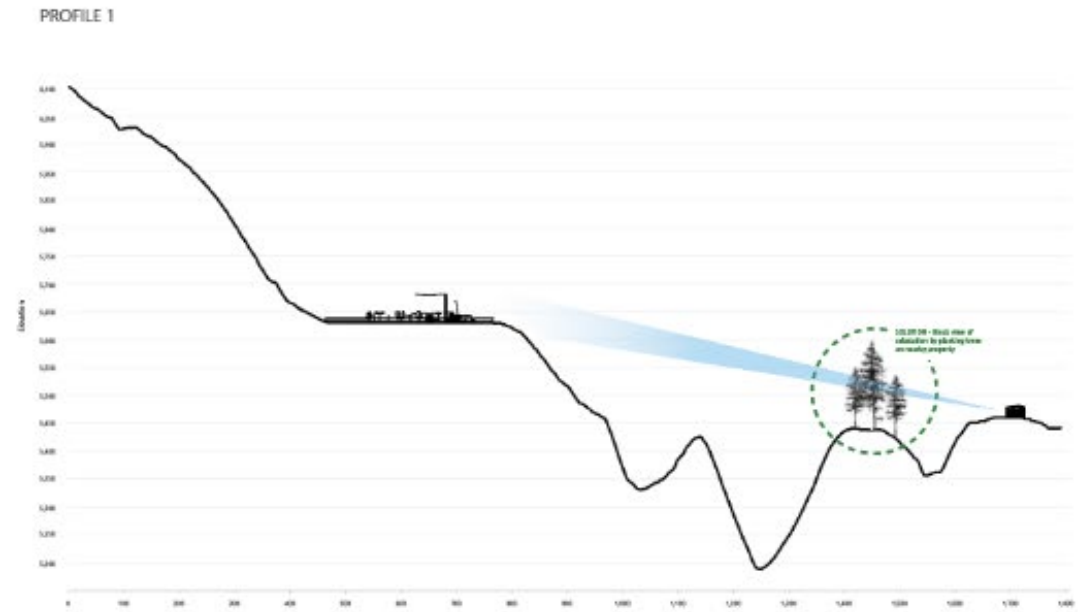
Line of Sight #1

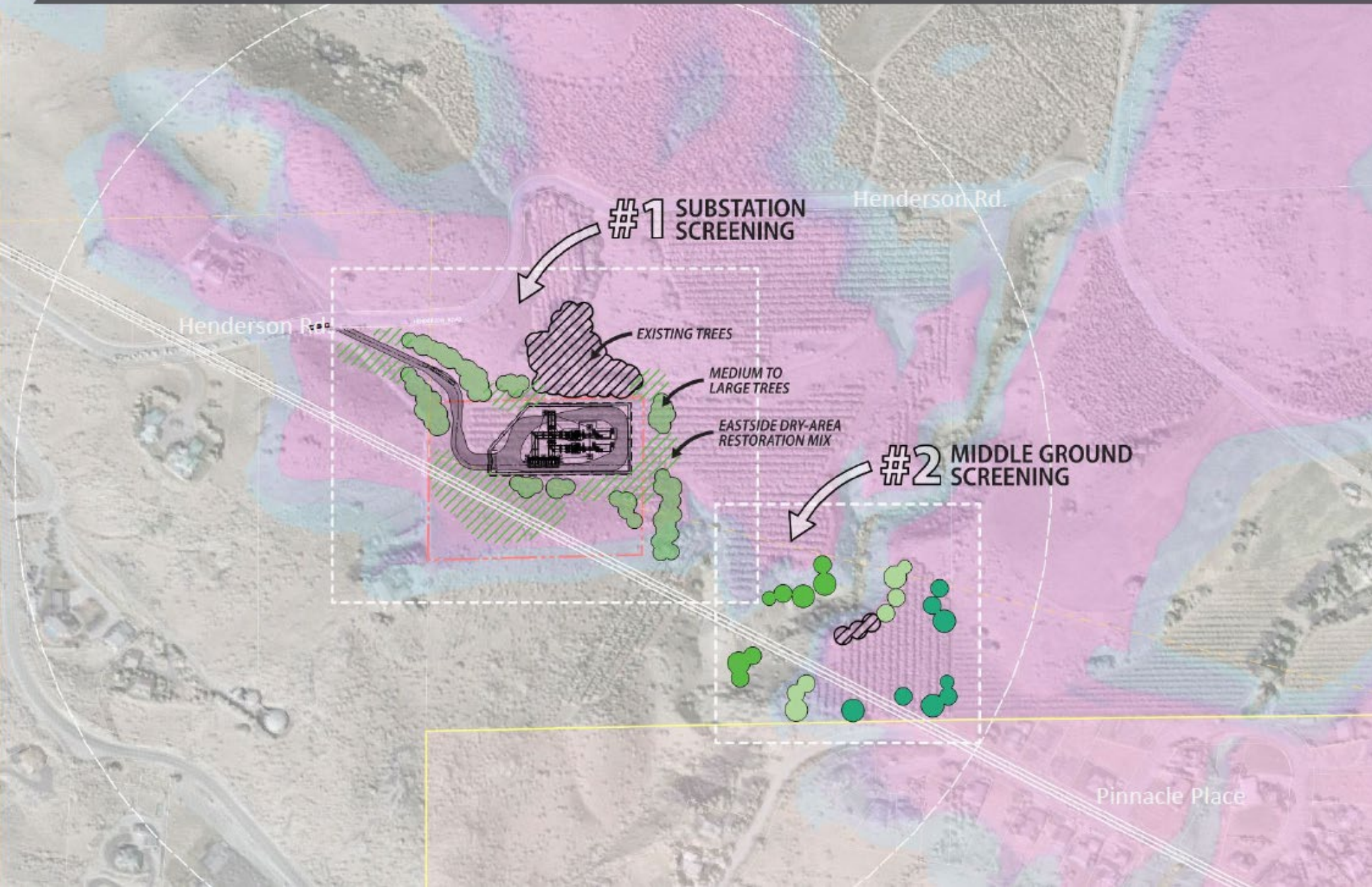


STRATEGY 1



STRATEGY 2

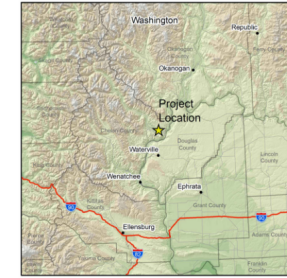




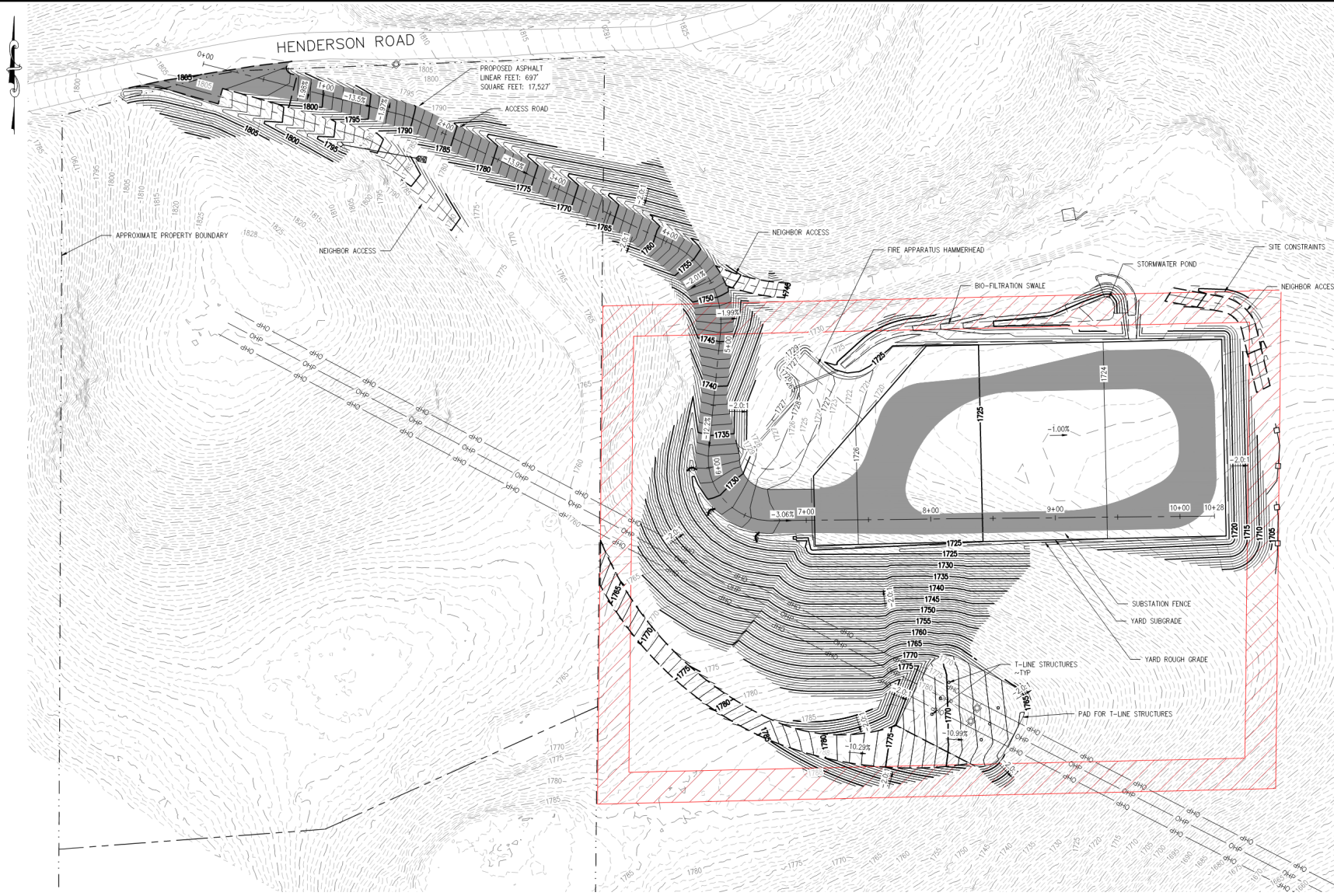
Feb. 16 Public Meeting Feedback

- Support overall for the design concepts presented
- Support for approaching private property owners for off-site landscaping/shielding
- Positive feedback on the District pursuing quieter transformer and noise shielding
- Appreciated that no nighttime lighting will be used on site except in the event of an emergency
- Stakeholders continued to support the District's previous commitment to underground new distribution

Site Grading Plan



VICINITY MAP



LEGEND	
	EXISTING MAJOR CONTOUR LINE
	EXISTING MINOR CONTOUR LINE
	PROPOSED MAJOR CONTOUR LINE
	PROPOSED MINOR CONTOUR LINE
	PROPOSED SUBSTATION BASELINE
	CHAINLINK FENCE
	SILT FENCE
	DITCH CHECK DAM

0506: DATE: 11/09/21
 0506: DRAWN: BBE

ECI ELECTRICAL CONSULTANTS, INC.
 Engineering with Distinction

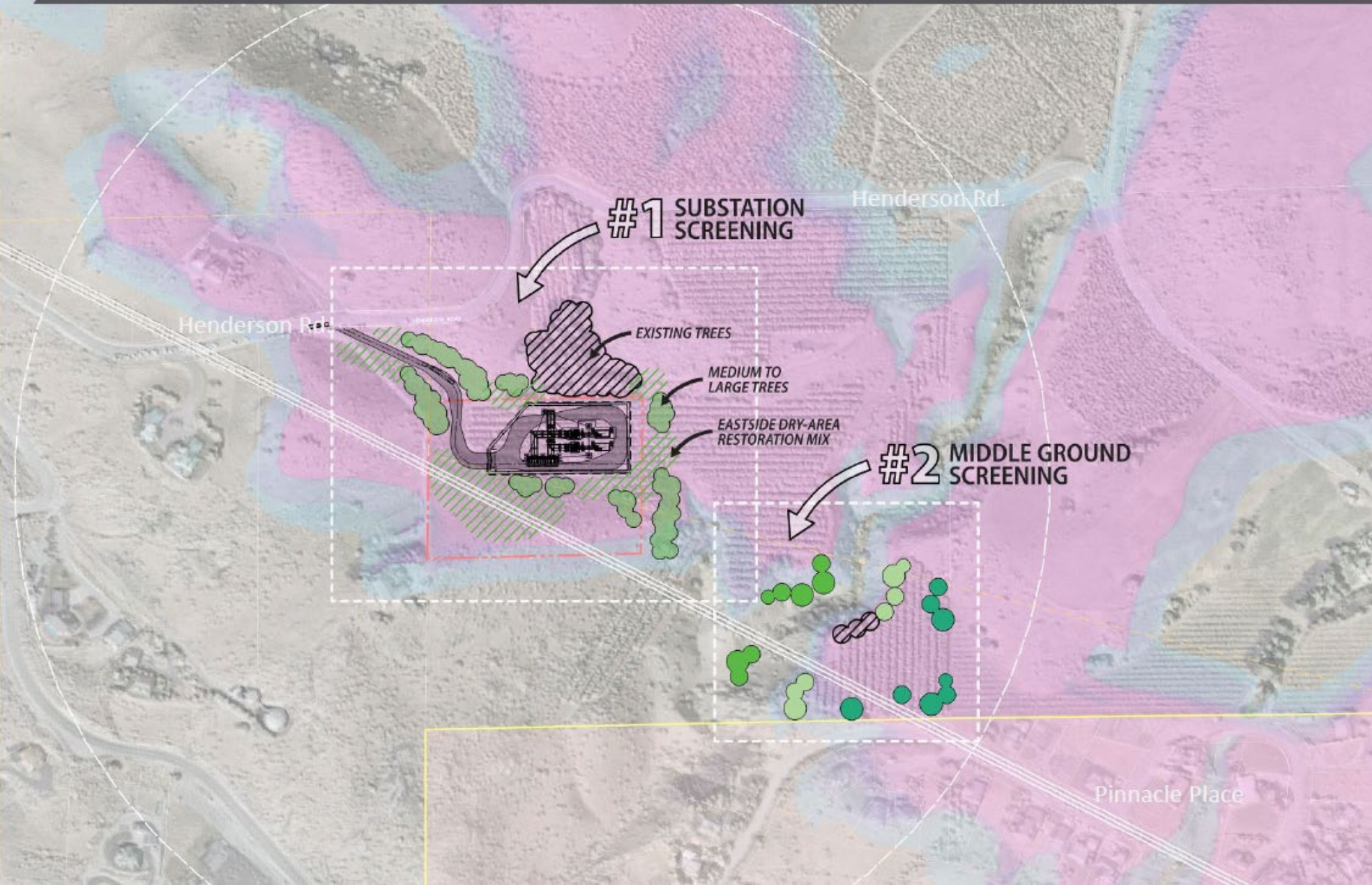
PRIM. ENG. CALEB JOBES	CHELAN PUD NO. 1	SCALE	1" = 40'-0"	BAR IS ONE INCH ON ORIGINAL DRAWING.	VERIFY SCALE	IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.
2ND ENG. NOLAN FOSTER	PRIM. ENG. LARRY CORDES	DESIGNER	JAKE SNEIDGAR	2ND ENG. --	PROJ. MGR. --	REV DATE
C	03/03/22	ISSUED FOR CONDITIONAL USE	CAJ	JFS	REQ. BY	DRFT
REVISION						

PUBLIC UTILITY DISTRICT NO. 1 OF CHELAN COUNTY
 WENATCHEE, WASHINGTON

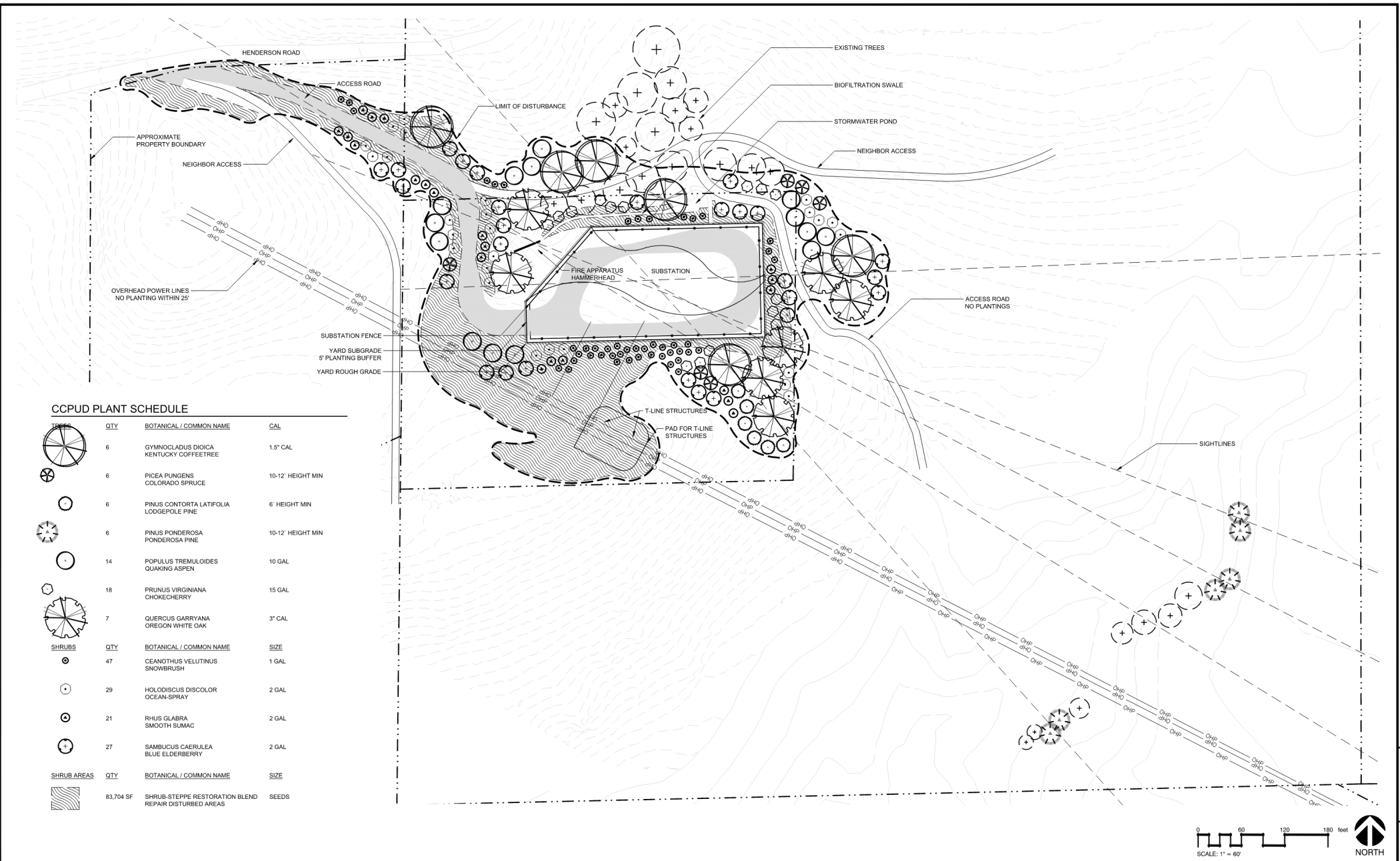
North Shore Substation
GRADING PLAN

SHEET 1 OF 1
REVISION C
DATE 11/19/21
DWG. 1058-25SK-0001

CHELAN COUNTY

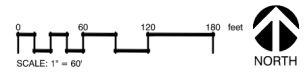


Aesthetic Design



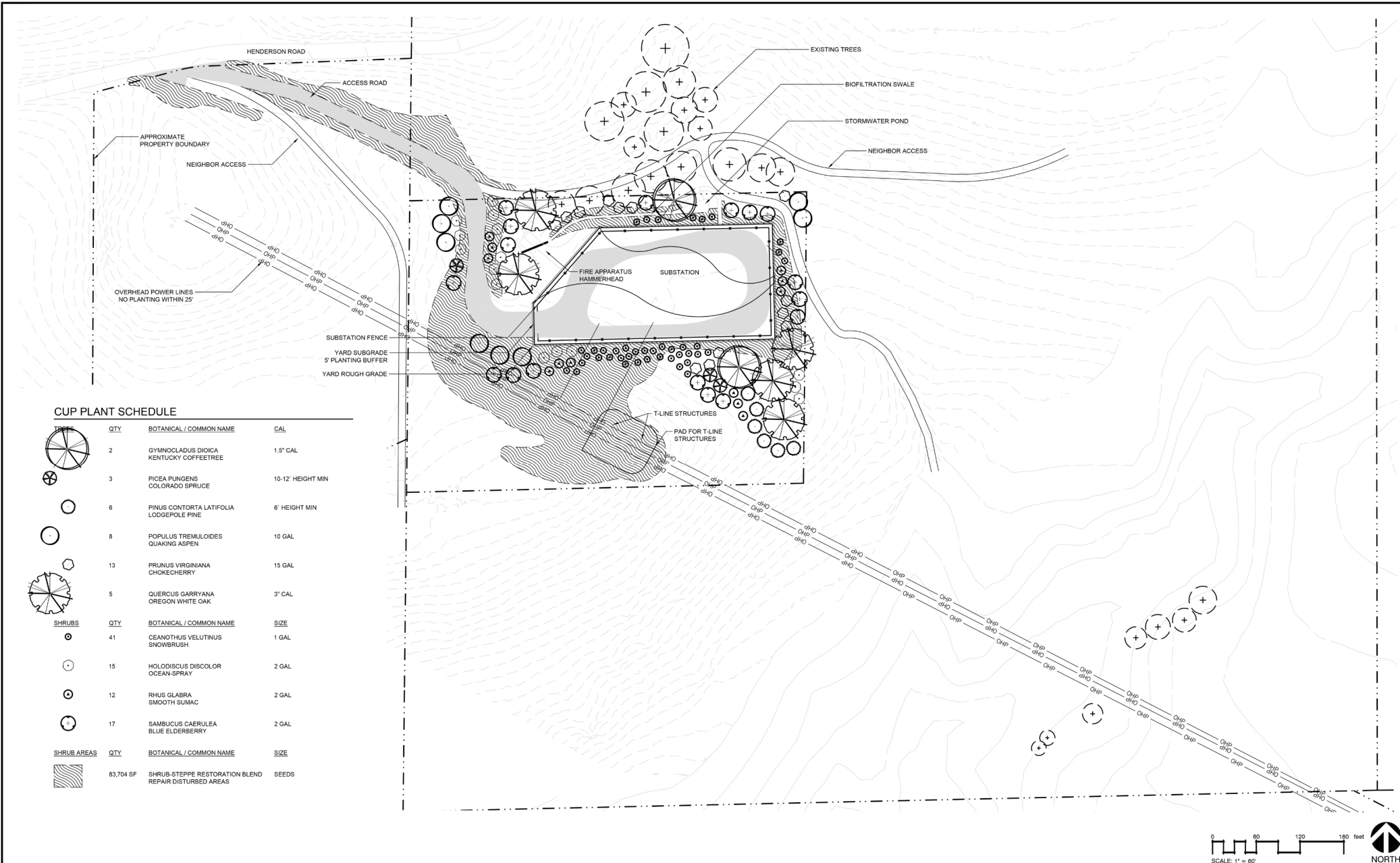
CCPUD PLANT SCHEDULE

TREES	QTY	BOTANICAL / COMMON NAME	CAL
	6	GYMNOCALADUS DIOICA KENTUCKY COFFEETREE	1.5" CAL
	6	PICEA PUNGENS COLORADO SPRUCE	10-12' HEIGHT MIN
	6	PINUS CONTORTA LATIFOLIA LODGEPOLE PINE	6' HEIGHT MIN
	6	PINUS PONDEROSA PONDEROSA PINE	10-12' HEIGHT MIN
	14	POPULUS TREMULOIDES QUAKING ASPEN	10 GAL
	18	PRUNUS VIRGINIANA CHOKECHERRY	15 GAL
	7	QUERCUS GARRYANA OREGON WHITE OAK	3" CAL
SHRUBS	QTY	BOTANICAL / COMMON NAME	SIZE
	47	CEANOTHUS VELUTINUS SNOWBRUSH	1 GAL
	29	HOLIDISCUS DISCOLOR OCEAN-SPRAY	2 GAL
	21	RHUS GLABRA SMOOTH SUMAC	2 GAL
	27	SAMBUCUS CAERULEA BLUE ELDBERRY	2 GAL
SHRUB AREAS	QTY	BOTANICAL / COMMON NAME	SIZE
	83,704 SF	SHRUB-STEPPE RESTORATION BLEND REPAIR DISTURBED AREAS	SEEDS



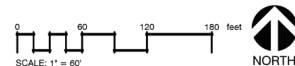
ORIG. DRAWN: NFR
 03/09/22

District Parcel Design



CUP PLANT SCHEDULE

TREES	QTY	BOTANICAL / COMMON NAME	GAL
	2	GYMNOCEDRUS DICOICA KENTUCKY COFFEETREE	1.5' GAL
	3	PICEA PUNGENS COLORADO SPRUCE	10-12' HEIGHT MIN
	6	PINUS CONTORTA LATIFOLIA LOGSPOLE PINE	6' HEIGHT MIN
	8	POPULUS TREMULOIDES QUAKING ASPEN	10 GAL
	13	PRUNUS VIRGINIANA CHOKECHERRY	15 GAL
	5	QUERCUS GARRYANA OREGON WHITE OAK	3' GAL
SHRUBS	QTY	BOTANICAL / COMMON NAME	SIZE
	41	CEANOTHUS VELLUTINUS SNOWBRUSH	1 GAL
	15	HOLIDISCUS DISCOLOR OCEAN-SPRAY	2 GAL
	12	RHUS GLABRA SMOOTH SUMAC	2 GAL
	17	SAMBUCUS CAERULEA BLUE ELDERBERRY	2 GAL
SHRUB AREAS	QTY	BOTANICAL / COMMON NAME	SIZE
	83,704 SF	SHRUB-STEPPE RESTORATION BLEND REPAIR DISTURBED AREAS	SEEDS



ORIG. DATE: 03/09/22. ORIG. DRAWN: NFR



CONSULTANT	PRIM. LA	CHRIS OVERDORF	CHELAN PUD NO. 1		SCALE	1"=60'-0"	BAR IS ONE INCH ON ORIGINAL DRAWING. VERIFY SCALE. IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.	CAJ	JFS
	DESIGNER	RACHEL ANDERSEN	2ND ENG.	--	C	03/24/22			
	PROJ. MGR.	--	REV	DATE	REVISION	REQ. BY			

PUBLIC UTILITY DISTRICT NO. 1 OF CHELAN COUNTY

WENATCHEE, WASHINGTON

North Shore Substation
PLANTING PLAN

SHEET 1 OF 1
REVISION C
DATE 03/24/2022
DWG: _073608_X-LS



Next Steps

- April: Present preferred design to stakeholders and Board
- April: Conditional Use Permit application
- May: Advertise Construction Contract
- July: Construction Contract Award
- September: Concrete equipment foundations