

\\EgnyteDrive\Conisor Files_V-W\Projects\OR\South Fork Water\2025\W253326OR.00\12 CADD\12-5 Sheets\C-ROAD-LDSCP-MITIGATION-RESTR - TR-102.dwg TR-101.7/29/2026 10:48 AM JUSTIN.DEUEL 24:3s (LMS Tech)

TREE PROTECTION NOTES

TREE REMOVAL NOTES

- 1. ONLY THOSE TREES IDENTIFIED IN DRAWINGS FOR REMOVAL MAY BE REMOVED.
- 2. TREE LOCATIONS ARE APPROXIMATE.
- 3. CONTRACTOR SHALL COMPLY WITH ALL CITY OF OREGON CITY TREE REMOVAL REQUIREMENTS.

BEFORE CONSTRUCTION BEGINS

- 1. TREE PROTECTION FENCING:
 - a. FURNISH AND INSTALL APPROVED TREE PROTECTION FENCING AROUND EACH TREE OR GROVE OF TREES TO BE RETAINED. SEE DETAIL 1 TREE PROTECTION FENCING ON SHEET TR-102.
 - b. THE FENCING SHALL BE INSTALLED PRIOR TO THE GROUND BEING CLEARED IN ORDER TO PROTECT THE TREES AND SOIL AROUND THE TREES FROM ANY DISTURBANCE.
 - c. FENCING SHALL BE PLACED AT THE EDGE OF THE ROOT PROTECTION ZONE. ROOT PROTECTION ZONES WILL BE APPROXIMATELY 15' FROM THE CENTER OF THE TREE IN ALL DIRECTIONS OR BELOW THE DRIPLINE OF EXISTING BRANCHES, WHICHEVER DISTANCE IS GREATER.
 - d. FENCING SHALL REMAIN IN THE LOCATION AS ESTABLISHED AND APPROVED BY THE OWNER AND NOT MOVED WITHOUT WRITTEN PERMISSION FROM THE OWNER UNTIL THE END OF THE PROJECT.

DURING CONSTRUCTION

- 1. PROTECTION GUIDELINES WITHIN THE PROTECTION ZONE:
 - a. ENTRY INTO THE TREE PROTECTION AREAS IS PROHIBITED UNLESS THROUGH WRITTEN PERMISSION OF THE OWNER.
 - b. NO TRAFFIC SHALL BE ALLOWED WITHIN THE TREE PROTECTION ZONE. NO VEHICLE, HEAVY EQUIPMENT, OR REPEATED FOOT TRAFFIC SHALL BE ALLOWED WITHIN THE TREE PROTECTION ZONE.
 - c. STORAGE OF MATERIALS INCLUDING, BUT NOT LIMITED TO, SOIL, CONSTRUCTION MATERIAL, OR WASTE FROM THE SITE WILL NOT BE ALLOWED WITHIN THE TREE PROTECTION ZONE. WASTE INCLUDES, BUT IS NOT LIMITED TO, CONCRETE WASH OUT, GASOLINE, DIESEL, PAINT, CLEANER, THINNERS, ETC.
 - d. CONSTRUCTION TRAILERS SHALL BE NOT PARKED/PLACED WITHIN THE TREE PROTECTION ZONE WITHOUT WRITTEN APPROVAL FROM THE OWNER.
 - e. VEHICLES SHALL NOT BE PARKED WITHIN THE TREE PROTECTION AREAS.
 - f. NO ACTIVITY SHALL BE ALLOWED THAT WILL CAUSE SOIL COMPACTION WITHIN THE TREE PROTECTION ZONE.
- 3. PRIOR TO CUTTING ROOTS FROM EXISTING TREES THAT ARE TO BE RETAINED, THE OWNER SHALL BE NOTIFIED TO EVALUATE AND OVERSEE THE PROPER CUTTING OF ROOTS WITH SHARP CUTTING TOOLS. CUT ROOTS SHALL BE IMMEDIATELY COVERED WITH SOIL OR MULCH TO PREVENT DRYING OF THE ROOT.
- 4. NO GRADE CHANGES SHALL OCCUR WITHIN THE TREE PROTECTION ZONE.
- 5. ANY NECESSARY DEVIATION OF THE TREE PROTECTION ZONE SHALL BE APPROVED BY THE OWNER PRIOR TO IMPLEMENTING CHANGES.
- 6. PROVIDE WATER TO TREES DURING THE SUMMER MONTHS. TREE(S) THAT WILL HAVE HAD ROOT SYSTEM(S) CUT BACK WILL NEED SUPPLEMENTAL WATER TO OVERCOME THE LOSS OF ABILITY TO ABSORB NECESSARY MOISTURE DURING THE SUMMER MONTHS.

WORK WITHIN CRITICAL TREE ZONE:

- 1. NO EQUIPMENT SHALL OPERATE INSIDE THE TREE PROTECTION FENCING INCLUDING DURING FENCE INSTALLATION AND REMOVAL, UNLESS OTHERWISE APPROVED BY THE OWNER.
- 2. CONSTRUCTION ACTIVITIES MAY ENCROACH ON NO MORE THAN 25% OF THE ROOT PROTECTION ZONE AREA. THE ENCROACHMENT MAY NOT BE CLOSER THAN ONE HALF OF THE ROOT PROTECTION ZONE RADIUS.

AFTER CONSTRUCTION

- 1. CAREFULLY LANDSCAPE IN THE AREA OF THE TREE. DO NOT ALLOW TRENCHING WITHIN THE TREE PROTECTION ZONE. CAREFULLY PLANT NEW PLANTS WITHIN THE TREE PROTECTION ZONE. AVOID CUTTING THE ROOTS OF THE EXISTING TREES.
- 2. DO NOT PLACE IRRIGATION MATERIALS WITHIN THE ROOT PROTECTION ZONE OF EXISTING TREES WITHOUT APPROVAL BY THE OWNER.
- 3. PROVIDE FOR ADEQUATE DRAINAGE OF THE AREA AROUND THE RETAINED TREES.
- 4. PRUNING OF THE TREES SHALL BE COMPLETED AS ONE OF THE LAST STEPS OF THE LANDSCAPING PROCESS BEFORE THE FINAL PLACEMENT OF TREES, SHRUBS, GROUND COVERS, MULCH OR SEEDING.

PLANTS LIST

COMMON NAME	SIZE	SPACING	QUANTITY
"SCIENTIFIC NAME"			

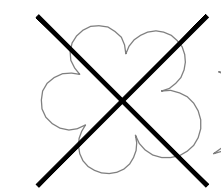
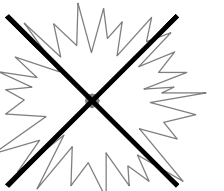
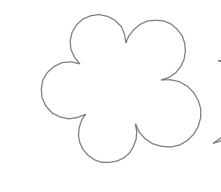
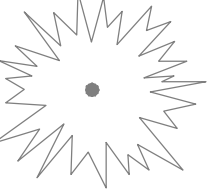
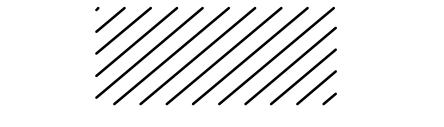
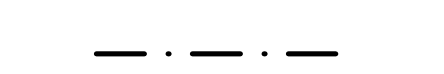
TREES

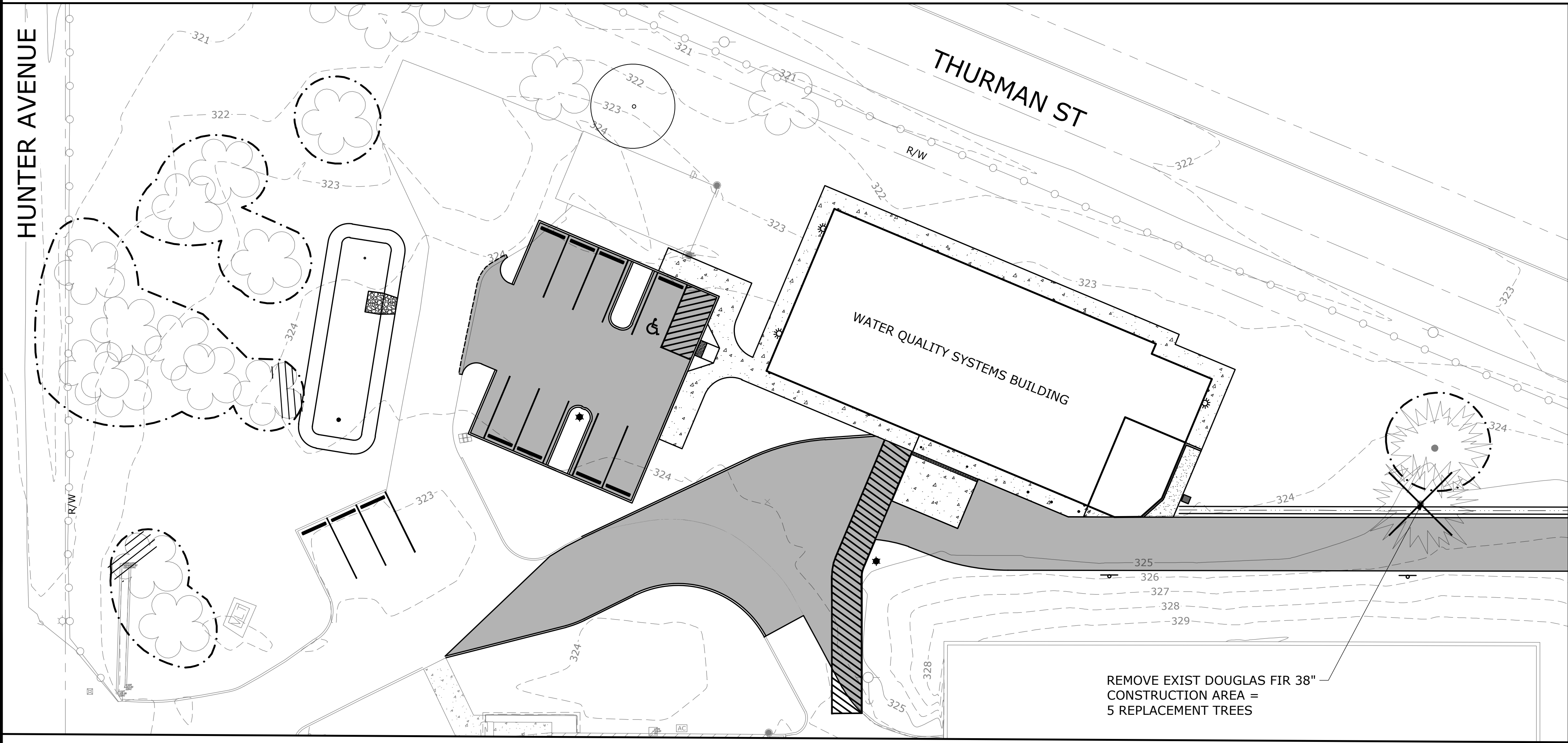
OREGON WHITE OAK "QUERCUS GARRYANA"	2.5" CAL 10' B&B	AS SHOWN	1
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TOTAL TREES - THIS SHEET*

*ONLY TREES PLANTED FOR MITIGATION PURPOSES SHOWN ON THIS SHEET
SEE LANDSCAPING SHEETS FOR TOTAL TREE PLANTED.

LEGEND

-   EXISTING TREES TO BE REMOVED
-   EXISTING TREES TO REMAIN
-  WORK AREA WITHIN CTZ, SEE WORK IN CRITICAL TREE AREA NOTES, THIS SHT
-  TREE PROTECTION FENCING

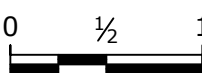


WATER QUALITY SYSTEMS BUILDING AREA
SCALE: 1"=20'



NO.	DATE	BY	REVISION

NOTICE

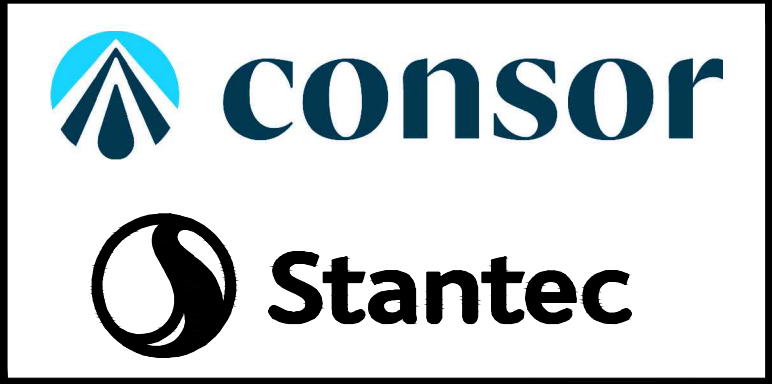


IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE

RWP
DESIGNED
RWP
DRAWN
RWP
CHECKED



BID SET



WATER QUALITY SYSTEMS BUILDING

TREE PRESERVATION,
REMOVAL, AND
MITIGATION PLAN - 1

PROJECT NO.: W253326OR SCALE: AS SHOWN DATE: AUGUST 2026

SHEET

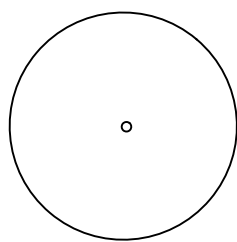
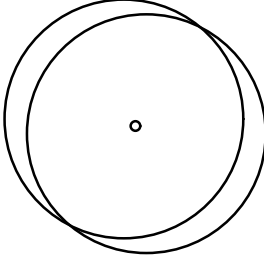
TR-101

\\EgnyteDrive\Conisor Files_-V-W\Projects\OR\South Fork Water\2025\W253326OR.00\12 CADD\12-5 Sheets\C-ROAD-LDSCP-MITIGATION-RESTR - TR-102.dwg TR-102 7/29/2026 10:48 AM JUSTIN.DEUEL 24.3s (LMS Tech)

PLANTS LIST

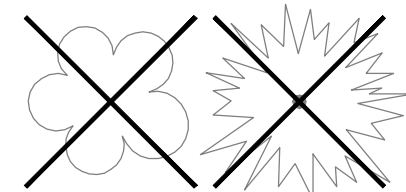
COMMON NAME "SCIENTIFIC NAME"	SIZE	SPACING	QUANTITY
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TREES

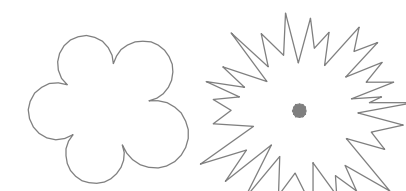
	OREGON WHITE OAK "QUERCUS GARRYANA"	2.5" CAL 10' B&B	AS SHOWN	3
	TRICOLOR BEECH FAGUS SYLVATICA 'ROSEO-MARGINATA'	8' B&B	AS SHOWN	5
TOTAL TREES THIS SHEET*				17

*ONLY TREES PLANTED FOR MITIGATION PURPOSES SHOWN ON THIS SHEET.
SEE LANDSCAPING SHEETS FOR TOTAL TREE PLANTED

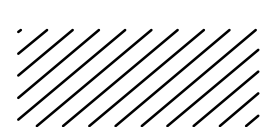
LEGEND



EXISTING TREES
TO BE REMOVED



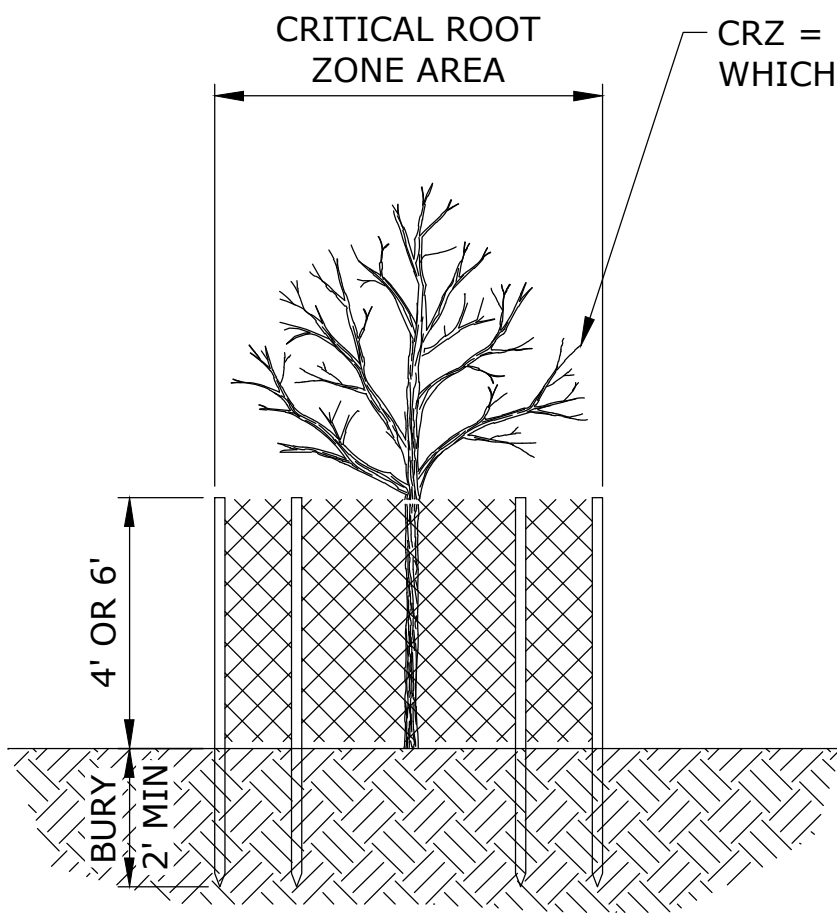
EXISTING TREES
TO REMAIN



WORK AREA WITHIN CRZ, SEE WORK IN
CRITICAL ROOT ZONE NOTES, THIS SHT



TREE PROTECTION FENCING

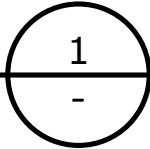


CRZ = DRIP LINE OR 1" DBH = 1.5' RADIUS
WHICHEVER IS GREATEST

- NOTES:
1. ORANGE FENCING SHALL BE 4' IN HEIGHT, MESH CHAIN LINK FENCE SHALL BE 6' IN HEIGHT. FENCE SHALL BE SET AS SHOWN ON THE PLANS.
 2. FENCE MATERIALS SHALL CONSIST OF ORANGE CONSTRUCTION FENCING OR MESH CHAIN LINK AS SHOWN ON THE PLANS, SECURED TO A MINIMUM 1 1/2" DIAMETER STEEL OR ALUMINUM LINE POSTS.
 3. POSTS SHALL BE SET TO A DEPTH OF NO LESS THAN 2 FEET IN NATIVE SOIL.
 4. MOVEMENT OR REMOVAL OF FENCE REQUIRES APPROVAL BY OWNER'S AUTHORIZED REPRESENTATIVE.
 5. SEE SPECIFICATION 01 56 39 TEMPORARY TREE AND PLANT PROTECTION FOR ADDITIONAL REQUIREMENTS FOR WORK WITHIN THE CRZ

TREE PROTECTION FENCING

SCALE: NTS



NOTICE



IF THIS BAR DOES
NOT MEASURE 1"
THEN DRAWING IS
NOT TO SCALE

RWP
DESIGNED
RWP
DRAWN
RWP
CHECKED



BID SET



TREE PRESERVATION,
REMOVAL, AND
MITIGATION PLAN - 2

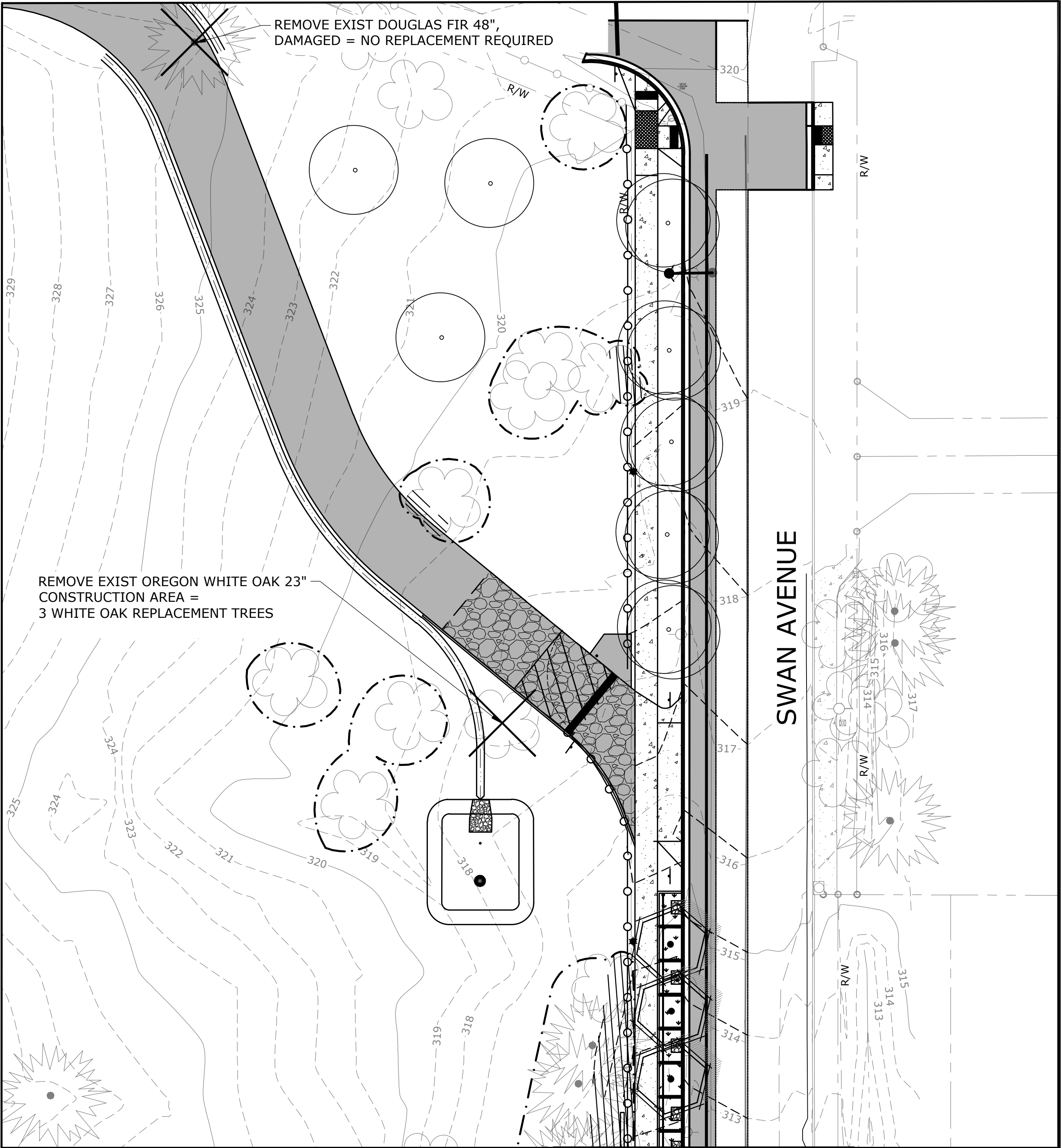
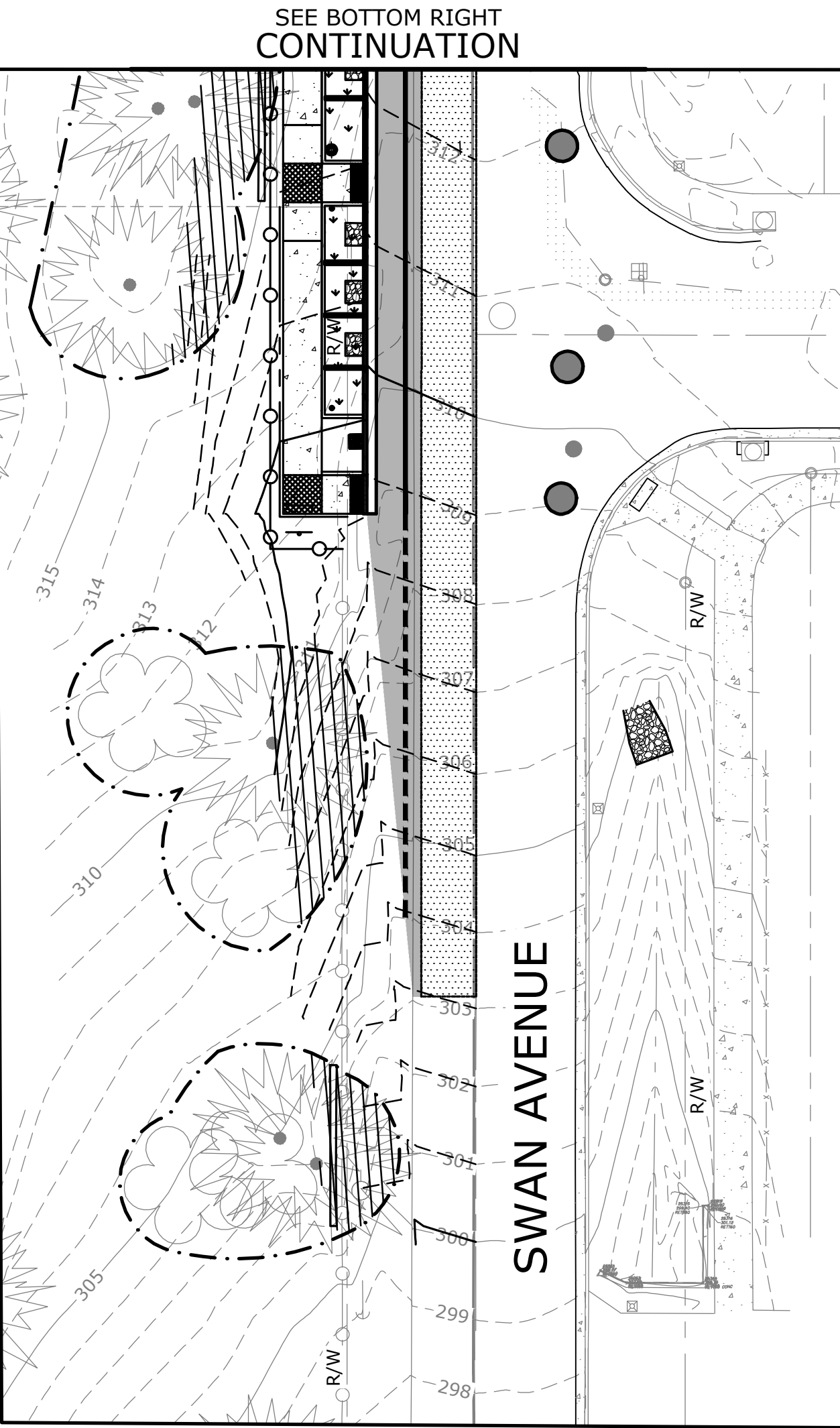
PROJECT NO.: W253326OR SCALE: AS SHOWN DATE: AUGUST 2026

SHEET

TR-102

TREES MITIGATION SCHEDULE

REMOVED TREE	SIZE	REPLACEMENT REQUIREMENT
DOUGLAS FIR (DAMAGED)	48"	0
OREGON WHITE OAK	23"	3
DOUGLAS FIR	40"	5
TOTAL MITIGATION REQUIREMENT (SHEETS TR-101 & TR-102)		8



NORTH EAST AREA
SCALE: 1"=20'

