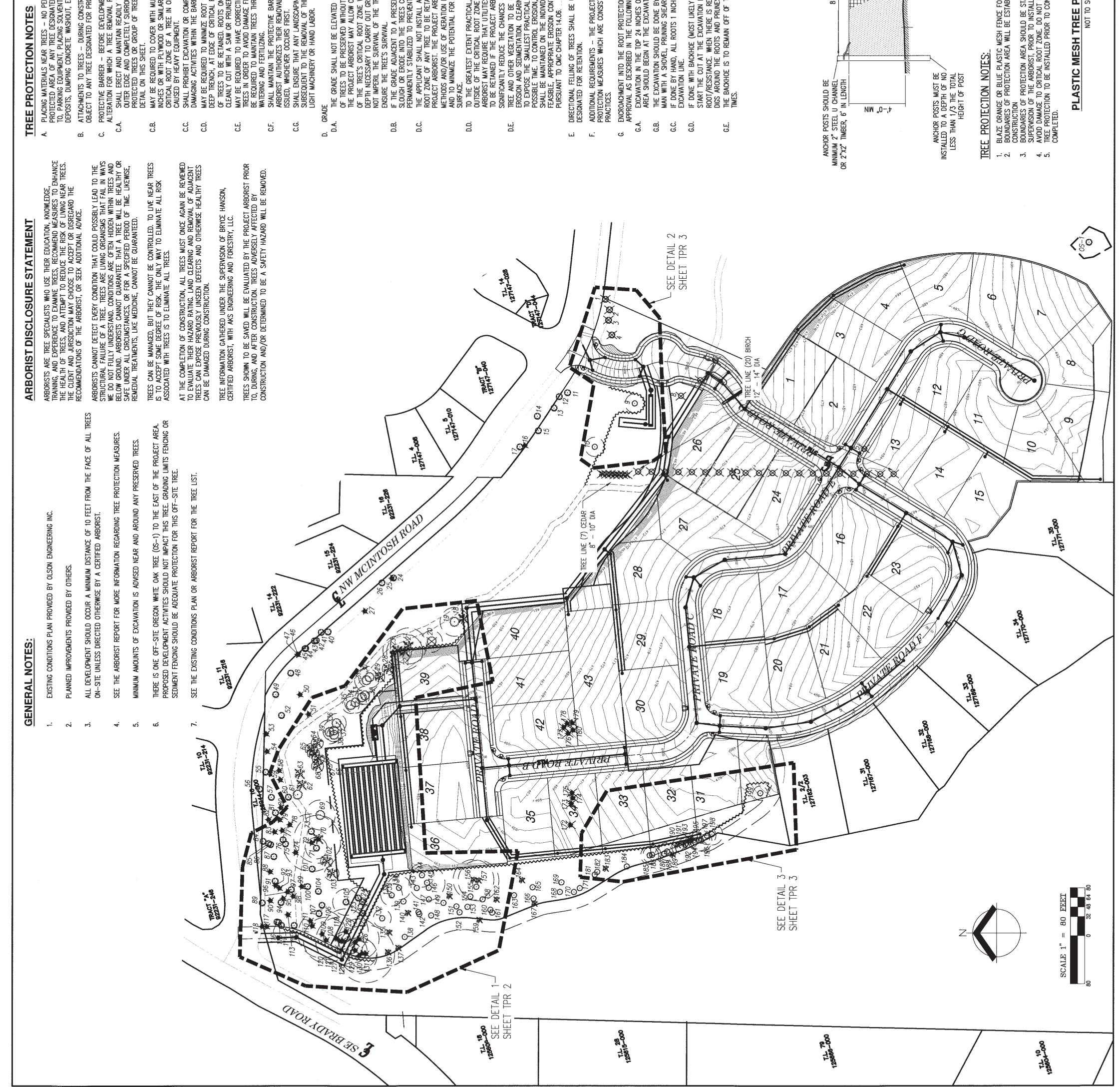
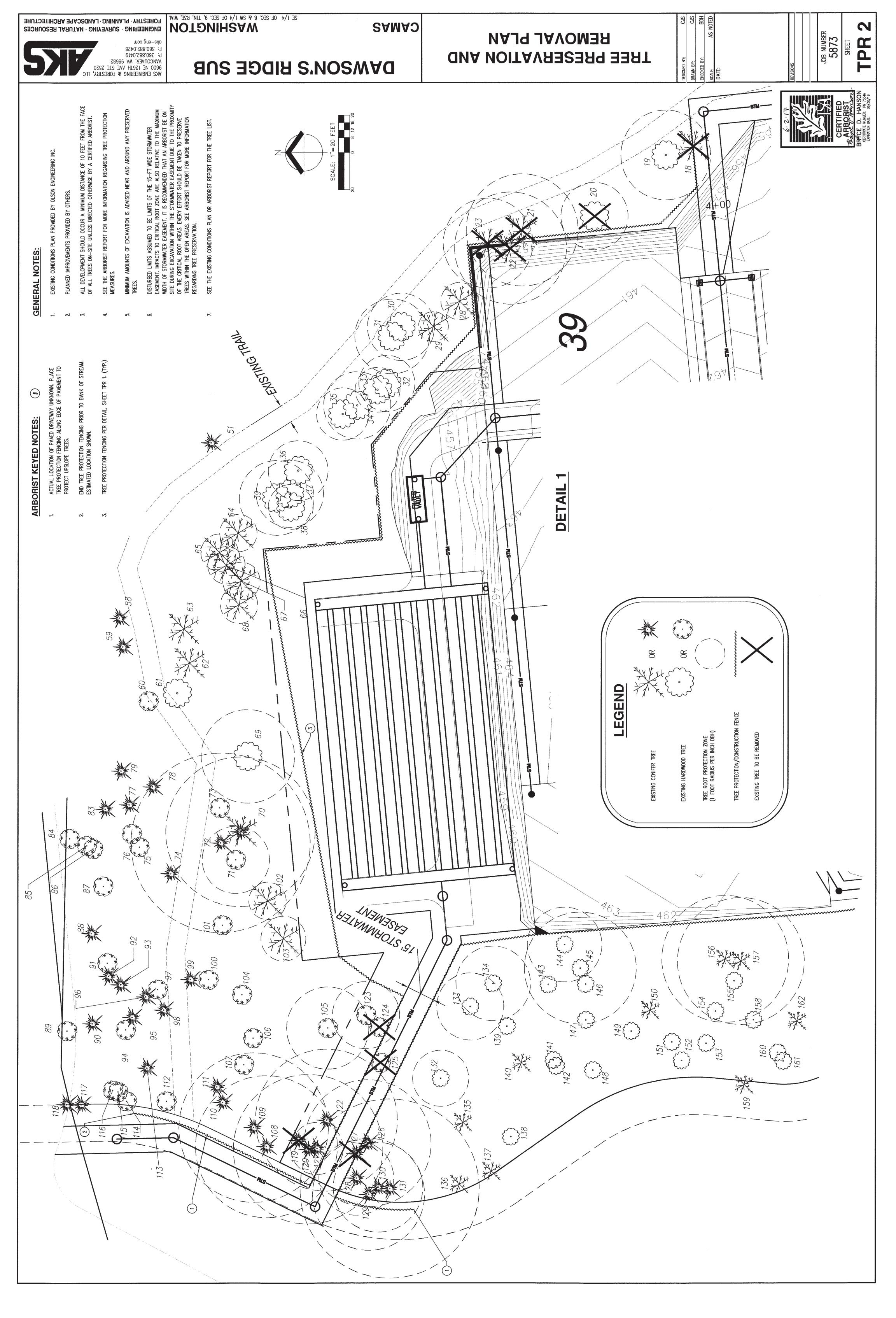
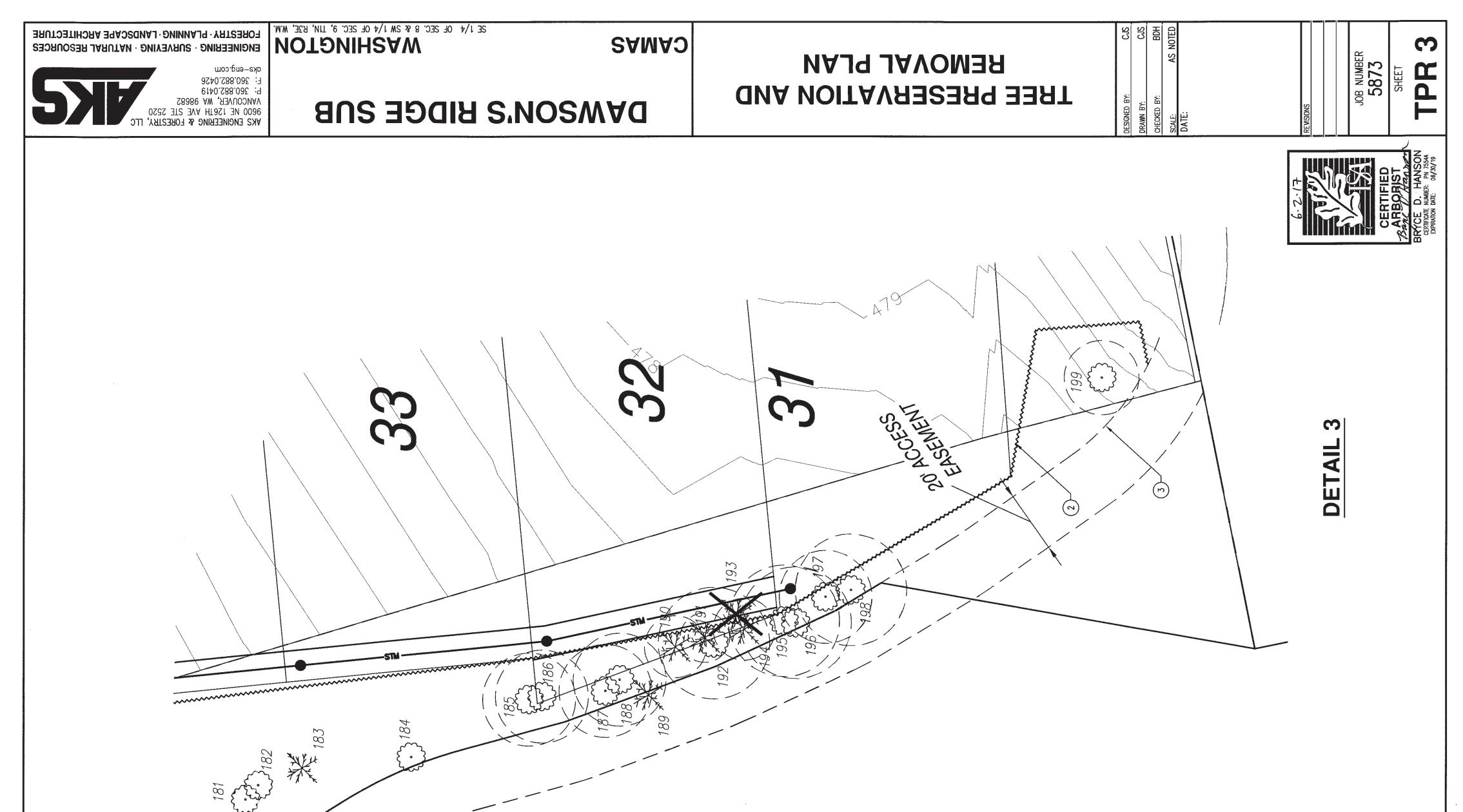
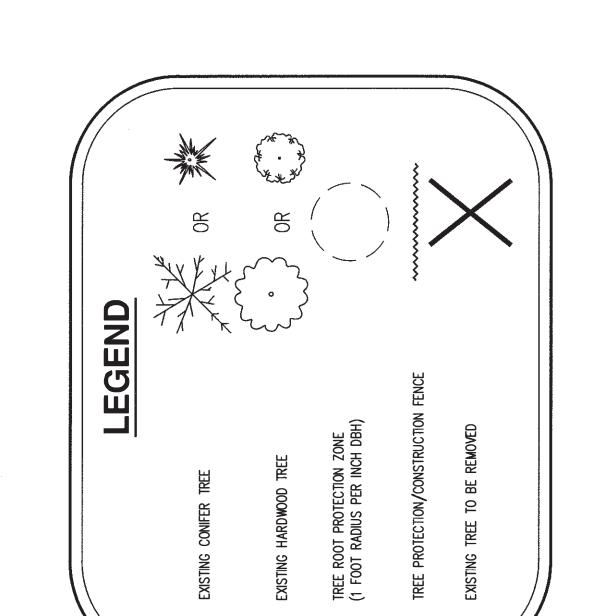
FORESTRY - PLANNING · LUC 9600 NE 126TH AVE STE 2520 9600 NE 126TH AVE STE 2520 9600 NE 126TH AVE STE 2520 9600 NE 126TH AVE SURVEYING · NATURAL RESOURCES 9600 NE 126TH AVE SURVEYING · NATURAL RESOURCES 9600 NE 126TH AVE STE 2520 9600 NE 126TH AVE SURVEY 9600 NE 126TH AVE SURVEY 9600 NE 126TURE	DGE SUB SECT BY SET OF SECT BY FINGTON	CAMAS CAMAS	DNA NOITAVAJ NAL9 JAV		SIGNED BY: CJS AMN BY: CJS AMN BY: CJS EXHIPTION BY: CJS AMN BY: C	UOB NUMBER 5873 SHEET SHEET
cut cleanly with pruning shears or a pruning saw. St be onsite during any work within the tree root defined as all areas bound and protecting the zone. Adding, and installation of tree protection measures: Ly following final approval by the city. Tree be done during clearing and any grading will the gone during clearing and any grading will the pone during as list. L provide adequate crew of men, equipment and and efficiently complete the assigned work. Each Lude an individual who shall be designated as the who shall be responsible for the crew's activities of is not scheduled to be removed, wust be trimed	OR PRUNED, THE CONTRACTOR SHALL INSURE THAT SUCH TRIMMING AND PRUNING IS CARRIED OUT UNDER THE DIRECT SUPERVISION OF A LICENSED ARBORIST. ALL PRUNING AND TRIMMING SHALL BE PERFORMED IN ACCORDANCE WTH THE PROVISIONS OF ANSI A 300 "STANDARD PRACTICES FOR TREE, SHRUB AND OTHER WOODY PLANT MAINTENANCE". J.C. THE CONTRACTOR SHALL BE REQUIRED TO CUT TREES TO A HEIGHT OF APPROXIMATELY 12". THE STUMPS AND ROOTS SHALL BE GROUND DOWN A MINIMUM OF TWELVE (12) INCHES BELOW NORMAL GROUND LEVEL J.D. THE CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WTH THE LATEST GOVERNMENTAL SAFETY REQUIRED TO CUT TREES TO A HEIGHT OF A MINIMUM OF TWELVE (12) INCHES BELOW NORMAL GROUND LEVEL J.D. THE CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WTH THE LATEST GOVERNMENTAL SAFETY REQUIREMENT THAT ONLY QUALIFIED LINE-CLEARANCE THE CONTRACTOR SHALL PERFORM ALL WORK WHING, REPAIRING, MAINTAINING AND REMOVING TREES AND CUTTING BRUSH-SAFETY REQUIREMENTS" WTH SPECIAL EMPHASIS GIVEN TO THE REQUIREMENT THAT ONLY QUALIFIED LINE-CLEARANCE TREE TRIMMERS BE ASSIGNED TO WORK WHERE A POTENTIAL ELECTRICAL HAZARD EXIST.	WORK: THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE PROTECTION OF THE OPERATING CONDITION OF ALL ACTIVE UTILITES WITHIN THE AREA OF CONSTRUCTION AND HE SHALL TAKE ALL ACTIVE UTILITES WITHIN THE AREA OF CONSTRUCTION AND HE SHALL TAKE ALL ACCTVE UTILITES WITHIN THE AREA OF CONSTRUCTION AND HE SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO EXISTING UTILITIES. ANY MATERIAL RESULTING FROM THE TRIMMING OR REMOVAL OF ANY TREES SHALL BECOME THE RESPONSIBULITY OF THE CONTRACTOR. HAZARDOUS TREES-REPORTING – ANY PERSON ENGAGED IN TRIMMING OR PRUNING WHO BECOMES AWARE OF A TREE OF DOUBTFUL STRENGTH, THAT COULD BE DANGEROUS TO PERSONS AND PROPERTY, SHALL REPORT SUCH TREE(S) TO THE OWNER OR THE OWNERS REPRESENTATIVE. SUCH TREES SHALL INCLUDE THOSE THAT ARE OVER MATURE, DISEASED, OR SHOWIG SIGNS OF DECAY OR OTHER STRUCTURAL WEAKNESS. DAMAGES ANY DAMAGE CAUSED BY THE CONTRACTOR, INCLUDING, BUT NOT LIMITED TO, BROKEN SIGEWALK, CURB, RUTTED LAWN, BROKEN WATER SHUT-OFFS, WITE DAMAGES BUILDING DAMAGE, STREET DAMAGE, ETC., MILL BE REPAIRED OR STRUCTURAL WEAKNESS. DAMAGES BUILDING DAMAGE, STREET DAMAGE, ETC., MILL BE REPAIRED OR REPLACED IN A TIMELY MANNER, TO THE OWNER'S SATISFACTION, AND ALL COSTS PAID BY THE CONTRACTOR. ANY BRUSH CLEARING REQUIRED MITHIN THE TREE PROTECTION ZONE SHALL BE ANY BRUSH CLEARING REQUIRED MITHIN THE TREE PROTECTION ZONE SHALL BE ANY BRUSH CLEARING REQUIRED WITHIN THE TREE PROTECTION ZONE SHALL BE ANY BRUSH CLEARING REQUIRED WITHIN THE TREE PROTECTION ZONE SHALL BE ANY BRUSH CLEARING REQUIRED MITHIN THE TREE PROTECTION ZONE SHALL BE ANY BRUSH CLEARING PROLINED DILLING AND BREAKING OF ROOTS TO REMAIN. ALL DOWNED BRUSH AND TREES SHALL BE REMOVED FROM THE TREE PROTECTION ALL DOWNED BRUSH AND TREES SHALL BE REMOVED FROM THE TREE PROTECTION ALL DOWNED BRUSH AND TREES SHALL BE REMOVED FROM THE TREE PROTECTION ALL DOWNED BRUSH AND TREES SHALL BE REMOVED FROM THE TREE PROTECTION ALL DOWNED BRUSH AND TREES SHALL BE REMOVED FROM THE TREE PROTECTION AND FITHER AY HAND OR WITH FULLING STAND OF DATING A	PROTECTION ZONE. EXTRACTION SHALL OCCUR BY LIFTING THE MATERIAL OUT, NOT BY SKIDDING IT ACROSS THE GROUND. IF TEMPORARY HAUL OR ACCESS ROADS MUST PASS OVER THE ROOT AREA OF TREES TO BE RETAINED A ROADBED OF <u>6 INCHES</u> OF MULCH OR GRAVEL SHALL BE CREATED TO PROTECT THE SOLL THE ROADBED MATERIAL SHALL BE REPLENISHED AS NECESSARY TO MAINTAIN A <u>6-INCH</u> . DEPTH. PRUNING. TREES SHALL BE PRUNED PRIOR TO THE START OF CONSTRUCTION. TREES SHALL BE CROWN CLEANED TO REMOVE THE DEADWOOD 2 INCHES IN DIAMETER AND OVER. TREES SHALL BE CROWN THINNED BY 10-20%. CROWNS MAY BE RAISED BY REMOVING BOTTOM BRANCHES AS NECESSARY UP TO 14 FEET HIGH TO GIVE CLEARANCE FOR ANY CONSTRUCTION TRAFFIC, ACTIVITIES, ETC. ALL WORK TO BE DONE IN ACCORDANCE WITH ANSI A300 PRUNING STANDARDS. REMOVE ANY LIMES OF DOUBTFUL STRENGTH THAT COULD BE DANGEROUS TO PERSONS AND PROPERTY.	EGEND EXERING CONFER TRE EXERING CONFER TRE EXERING CONFER TRE EXERING HARDWOOD TRE EXERNOL FOR (1 FOOT TONE (1		
± _ →		ERVED WITHOUT THE PROJECT ARBORISTS'S AUTHORIZATION. T MAY ALLOW COVERAGE OF UP TO ONE HALF OF THE AREA L ROOT ZONE WITH LIGHT SOILS (NO CLAY) TO THE MINIMUM CARRY OUT GRADING OR LANDSCAPING PLANS, IF IT WILL TVAL OF THE TREE. AERATION DEVICES MAY BE REQUIRED TO JIF. VAL OF THE TREE. AERATION DEVICES MAY BE REQUIRED TO JIF. TO A PRESERVED TREE IS RAISED SUCH THAT IT COULD OT TO A PRESERVED TREE IS RAISED SUCH THAT IT COULD OT TO A PRESERVED TREE IS RAISED SUCH THAT IT COULD OT TO PREVENT SUFFOCATION OF THE ROOTS. NOT INSTALL AN IMPERVIOUS SURFACE WITHIN THE CRITICAL REE TO BE RETAINED WITHOUT THE AUTHORIZATION OF THE REE TO BE RETAINED WITHOUT THE AUTHORIZATION OF THE PROJECT ARBORIST MAY REQUIRE SPECIFIC CONSTRUCTION OF ARRATION DEVICES TO ENSURE THE TREE'S SURVIVAL POTENTIAL FOR ROOT INDUCED DAMAGE TO THE IMPERVIOUS ENT PRACTICAL, UTILITY TRENCHES SHALL BE LOCATED AL ROOT ZONE OF TREES THE REE'S SURVIVAL DIENTIAL FOR ROOT INDUCED DAMAGE TO THE INPERVIOUS ENT PRACTICAL, UTILITY TRENCHES SURVIVAL DIENTIAL FOR ROOT INDUCED DAMAGE TO THE INPERVIOUS ENT PRACTICAL, UTILITY TRENCHES SHALL BE LOCATED THE CHANCES OF THE ROOTS OF TREES AL ROOT ZONE OF TREES SURVIVAL. THE CHANCES OF THE ROOTS OF TREES ALROUT CONE OF THE REE'S SURVIVAL. THE CHANCES OF THE REE'S SURVIVAL. TATION TO BE RETAINED SHALL BE PROTECTED FROM THE CHANCES OF THE REE'S SURVIVAL. TATION TO BE RETAINED SHALL BE CONDUCTED SO AS ALK. TATION TO BE RETAINED SHALL BE PROTECTED FROM THE CHANCES OF THE REE'S SURVIVAL. TATION TO BE RETAINED SHALL BE PROTECTED FROM THE CHANCES OF THE REE'S SURVIVAL. TATION TO BE RETAINED SHALL BE PROTECTED FROM THE CHANCES OF THE REE'S SURVIVAL. TATION TO BE RETAINED SHALL BE PROTECTED FROM THE CHANCES OF THE REE'S SURVIVAL. TATION TO BE RETAINED SHALL BE PROTECTED FROM THE PROTECT AREA OF SOLL OF ROOT ON TO T	 W THE INDIVIDUAL LOTS, WHERE FEASIBLE. WHERE NOT EROSION CONTROL, PRACTICES SHALL BE IMPLEMENTED PTER 14.06. LES SHALL BE USED TO AVOID DAMAGE TO TREES THE PROJECT ARBORIST MAY REQUIRE ADDITIONAL TREE H ARE CONSISTENT WITH ACCEPTED URBAN FORESTRY OT PROTECTION ZONE IS ALLOWED WITH PROJECT ARBORIST THE FOLLOWING NOTES: 24 INCHES OF THE SOIL IN THE CRITICAL ROOT ZONE THE EXCAVATION LINE THAT IS CLOSEST TO THE TREE. D BE DONE BY HAND/SHOVEL OR WITH A BACKHOE AND A RUNING SHEARS, AND A PRUNING SAW. COTS 1 INCH OR LARGER SHOULD BE PRUNED AT THE (MOST LIKELY SCENARIO), THEN THE OPERATOR SHALL EXCAVATION LINE AND WITH THE SHOVEL HAND N THERE IS RESISTANCE, THE MAN WITH THE SHOVEL HAND 	s and prunes the roots larger than 1 inch diameter. Main off of the tree roots to be preserved at all B" Max Highly Visible B" Max Flagging Attached to	$\overline{\mathbf{r}}$	esh fence for tree protection device, only. Will be established in the field by the arborist prior to should be staked and flagged by the arborist, or under the or to installing devices. One. Do not damage or sever large roots when installing posts. Prior to construction and remain in place until construction is I TREE PROTECTION FENCE NOT TO SCALE

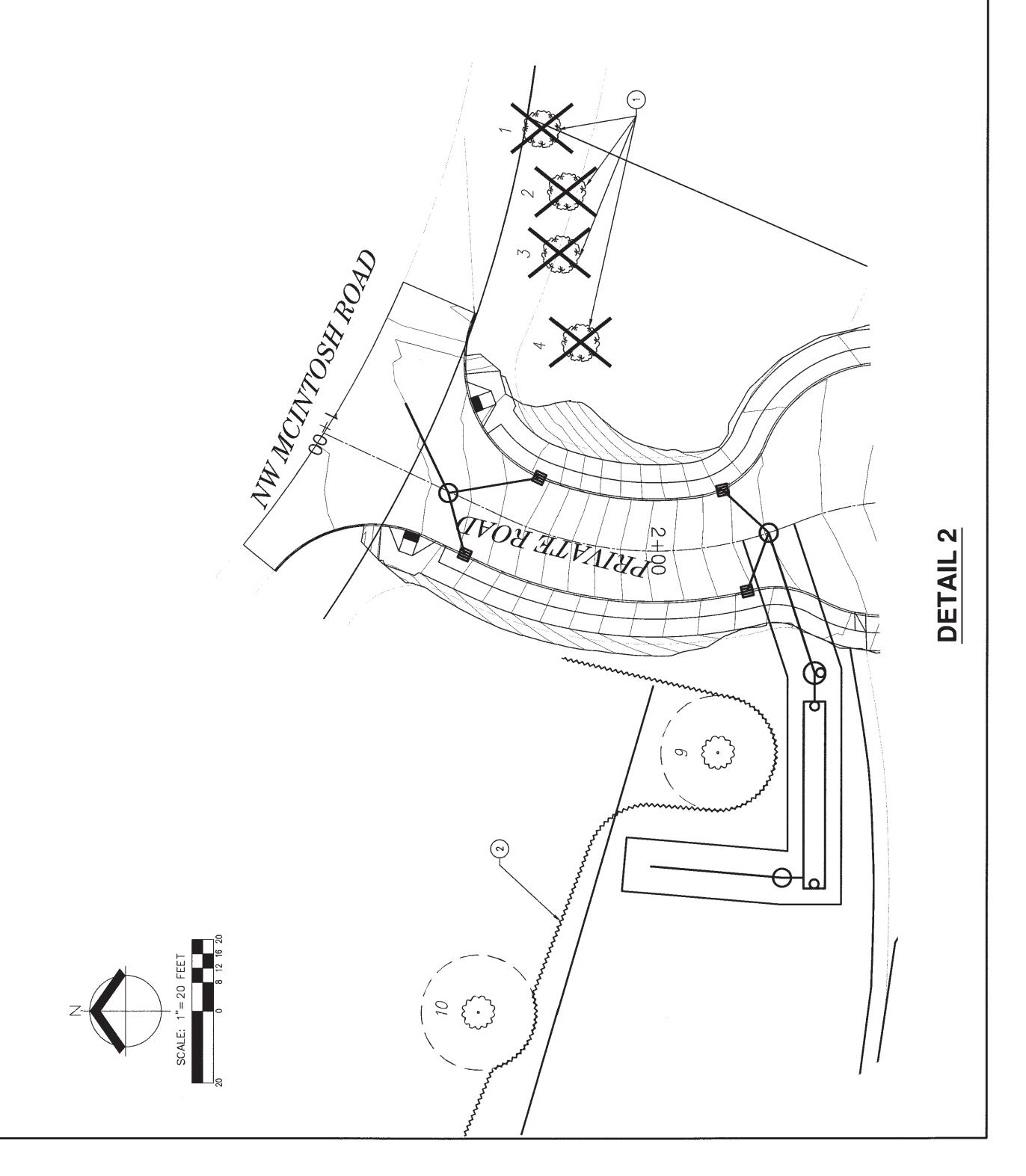
TREES













- TREE 1 TO BE REMOVED, TREES 2, 3, & 4 DETERMINED TO BE DEAD SINCE ORIGINAL SURVEY WAS COMPLETED.
- TREE PROTECTION FENCING PER DETAIL, SHEET TPR 1. (TYP.) 2.
 - ACTUAL LOCATION OF PAVED DRIVEWAY UNKNOWN. ASSUMED NO EXCAVATION ALONG EDGE OF PAVEMENT WITHIN ACCESS EASEMENT WDTH. r.

GENERAL NOTES:

- EXISTING CONDITIONS PLAN PROVIDED BY OLSON ENGINEERING INC. ÷
 - PLANNED IMPROVEMENTS PROVIDED BY OTHERS. 5.
- ALL DEVELOPMENT SHOULD OCCUR A MINIMUM DISTANCE OF 10 FEET FROM THE FACE OF ALL TREES ON-SITE UNLESS DIRECTED OTHERWSE BY A CERTIFIED ARBORIST. r.
- SEE THE ARBORIST REPORT FOR MORE INFORMATION REGARDING TREE PROTECTION MEASURES. 4
- MINIMUM AMOUNTS OF EXCAVATION IS ADVISED NEAR AND AROUND ANY PRESERVED TREES. പ
- <u></u>.
- Disturbed limits assumed to be limits of the stormwater easement within the Lots. Impacts to critical root zone are also relative to the maximum width of stormwater easement. It is recommended that an arborist be on site During excavation within the stormwater easement due to the proximity of the critical root areas. Every effort should be taken to preserve trees within the open areas. See arborist report for more information regarding tree preservation.
- SEE THE EXISTING CONDITIONS PLAN OR ARBORIST REPORT FOR THE TREE LIST. ٦.