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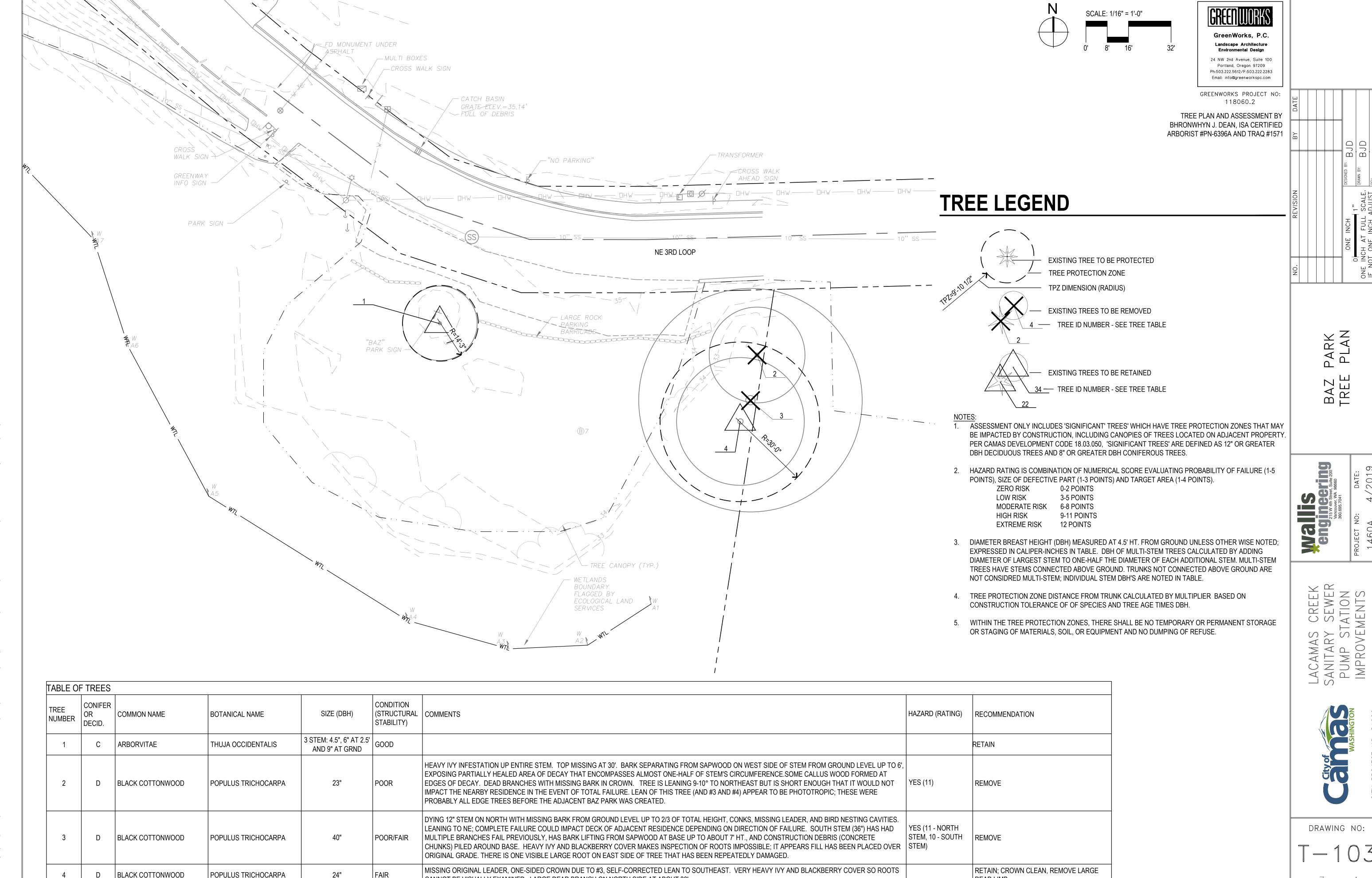
TABLE OF TREES							ODCCO WODYO	$\overline{\neg}$
TREE NUMBER OR DECID.		BOTANICAL NAME		CONDITION (STRUCTURA STABILITY)	L COMMENTS	HAZARD (RATING)	RECOMMENDATION GreenWorks, P.C. Landscape Architecture	
1 -	ID NUMBER NOT USED						Environmental Design 24 NW 2nd Avenue, Suite 100	
2 D	BIGLEAF MAPLE	ACER MACROPHYLLUM	17	FAIR	#2 AND #3 ARE CODOMINANT STEMS OF SAME TREE. ABNORMAL BARK PATTERNS MAY INDICATE DECAY IN STEMS. NO CONKS EVIDENT BUT HEAVY IVY COVER MAY BE CONCEALING ANY ON GROUND. SOUNDING REVEALED NO OBVIOUS DECAY COLUMN. THIS TREE SHOULD BE RE-EVALUATED ONCE CANOPY LEAFS OUT. MORE IN-DEPTH TESTING (DRILLING, SONIC TOMOGRAPHY)		Ph:503.222.5612/F:503.222.2283 Email: info@greenworkspc.com	
3 D 4 D	BIGLEAF MAPLE NOT SIGNIFICANT TREE	ACER MACROPHYLLUM	17 8	FAIR	MAY BE HELPFUL IF DESIRE IS TO RETAIN TREE.		GREENWORKS PROJECT N 118060.2	.: DATE
5 D	OREGON WHITE OAK	QUERCUS GARRYANA	22	GOOD.	WELL-HEALED WOUNDS AT 3' HT AND BELOW.		RETAIN. PROVIDE TREE PROTECTION ZONE AS SHOWN ON PLANS PRIOR TO START OF CONSTRUCTION.	\ \ \ B
6 D	OREGON WHITE OAK	QUERCUS GARRYANA	12	FAIR	TREE LOCATED AT TOP OF SLOPE OVERLOOKING CREEK. NUMEROUS SMALL CONKS ON TRUNK MAY INDICATE COLUMN OF INTERNAL DECAY NOT REVEALED BY SOUNDING. HEAVY IVY COVER OBSCURES INSPECTION OF ROOT FLARE OR SURROUNDING GROUND. SEASONAL LACK OF FOLIAGE MEANS CANOPY HEALTH CANNOT BE REVIEWED FOR OTHER SIGNS OF INTERNAL DECAY. THIS TREE SHOULD BE RE-EVALUATED ONCE FOLIAGE IS PRESENT. DUE TO TREE'S LOCATION AND LEAN, IF IT WERE TO FAIL IT WOULD MOST LIKELY FALL EAST INTO THE CREEK (LOW TARGET RATING).		RETAIN AND MONITOR	Z
7 D	NOT SIGNIFICANT TREE	DOELIDOTOLICA MENZIEGII	8	0000	CUIDDDECCED DV #0		DETAIN	REVISIO
8 C	DOUGLAS FIR DOUGLAS FIR	PSEUDOTSUGA MENZIESII PSEUDOTSUGA MENZIESII	48	GOOD GOOD	SUPPRESSED BY #9 SUPPRESSED BY #8.		RETAIN RETAIN	+ $ $ $ $
10 D	NOT SIGNIFICANT TREE	PSEUDOTSUGA IVIENZIESII	8	GOOD	SUPPRESSED BY #0.		KETAIN	-
11 C	DOUGLAS FIR	PSEUDOTSUGA MENZIESII	44	GOOD			RETAIN	-
12 C	DOUGLAS FIR	PSEUDOTSUGA MENZIESII		FAIR	SUPPRESSED BY #13. SELF-CORRECTED LEAN.		RETAIN	
13 C	WESTERN RED CEDAR	THUJA PLICATA		FAIR	DECAYED STUB ON SE SIDE WITH CENTRAL COLUMN OF DECAY. TOP GONE. SUPPRESSED BY #11 AND #15.	YES (9)	REMOVE FOR CONDITION. ALTHOUGH THUJA PLICATA CAN REMAIN STANDING WITH CENTRAL COLUMN OF DECAY, THIS TREE'S ADJACENCY TO THE TRAIL MEANS THE TARGET RATING IS VERY HIGH. A CODOMINANT STEM IS ALREADY GONE LEAVING A DECAY CAVITY. IF DESIRE IS TO RETAIN THIS TREE, MORE INVASIVE TESTING (DRILLING/SONIC TOMOGRAPHY) SHOULD BE USED TO GIVE MORE INFO ON EXTENT OF INTERNAL DECAY AND THICKNESS OF STEM WALL.	
14 C	DOUGLAS FIR	PSEUDOTSUGA MENZIESII	28	GOOD	SELF-CORRECTED LEAN. ROOTED UNDER #15		RETAIN	
15 C	WESTERN RED CEDAR	THUJA PLICATA	25	GOOD			RETAIN	
16 C	DOUGLAS FIR	PSEUDOTSUGA MENZIESII	40	GOOD	TREE AT CREST OF SLOPE. SWELLING ON UPHILL SIDE AT BASE OF TRUNK APPEARS TO CONTAIN OLD PHAEOLUS SCHWEINITZII CONK. NO OTHER CONKS OR RESINOSUS OBSERVED.		RETAIN AND MONITOR	
17 C	DOUGLAS FIR	PSEUDOTSUGA MENZIESII	20	GOOD	LOW CROWN RATIO. AT CREST OF SLOPE. SLIGHT SELF-CORRECTED LEAN.		RETAIN.	
18 C	DOUGLAS FIR	PSEUDOTSUGA MENZIESII	28	GOOD	SUPPRESSED ON NORTH SIDE BY TREES UPHILL (OFF-SITE)		RETAIN	
19 D	OREGON OAK	QUERCUS GARRYANA	18	POOR	TOP GONE. DECAYED STUB AT 15' HT. LOTS OF PRUNING CUTS NOT WELL-HEALED. LARGE NUMBERS OF SMALL YOUNG FUNGUS ON STEM. TREE LOCATED ON SLOPE ABOVE LAWN AREA.	YES (7)	REMOVE FOR CONDITION.	
20A D	BIGLEAF MAPLE	ACER MACROPHYLLUM	18 + 20	FAIR	SURVEY GROUPED 3 STEMS AS ONE TREE; ACTUALLY TWO TREES: ONE MAPLE WITH TWO STEMS AND ONE SMALLER OAK GROWING IN CLOSE PROXIMITY. THE MAPLE HAS TWO CODOMINANT STEMS WITH INCLUDED BARK, SPLIT ALONG INCLUSION LINE AND CAVITY WITH CALLUSED EDGES. NO OBVIOUS DECAY COLUMN REVEALED BY SOUNDING WITH MALLET; GROUND INSPECTION LIMITED BY HEAVY IVY GROWTH.	YES (8)	EITHER REMOVE OR DO CROWN REDUCTION TO REDUCE PROBABILITY OF FAILURE IF DESIRE IS TO RETAIN TREE. TREE IS ON SLOPE ABOVE LAWN (HIGH TARGET RATING/ FREQUENTLY OCCUPIED) AND ANOTHER TREE HAS RECENTLY FAILED TO THE SOUTH OF THIS ONE.	
20B D	GARRY OAK	QUERCUS GARRYANA	10	FAIR	THE OAK OF THIS GROUP HAS NO OBVIOUS HEALTH PROBLEMS, BUT IS LEANING SIGNIFICANTLY ON THE SLOPE ABOVE THE LAWN AREA. HEAVY IVY INFESTATION OF GROUND MAKES DETECTION OF ANY FUNGAL FRUITING BODIES ON ROOTS IMPOSSIBLE. RE-EVALUATE WHEN CANOPY LEAFS OUT FOR ANY SIGNS OF ROOT ROT.		RETAIN AND RE-EVALUATE. CROWN REDUCTION TO REDUCE WEIGHT.	
21 D	BIGLEAF MAPLE	ACER MACROPHYLLUM	12	GOOD	SELF-CORRECTED LEAN DUE TO SLOPE. HEAVY IVY INFESTATION.		RETAIN	
22 D	BIGLEAF MAPLE	ACER MACROPHYLLUM	12	FAIR	TOP IS GONE, HEAVY IVY INFESTATION. CAVITY AT ROOT FLARE ON DOWNHILL SIDE. TREE ON SLOPE ABOVE LAWN AREA.		REMOVE	
23 D	BIGLEAF MAPLE	ACER MACROPHYLLUM	12 + 16	GOOD	CODOMINANT AT 2' HT. NO CRACK OR SPLIT AT INCLUSION LINE. HEAVY IVY INFESTATION.		RETAIN	
24 C	DOUGLAS FIR	PSEUDOTSUGA MENZIESII	30	GOOD	HEAVY IVY INFESTATION.		RETAIN	
25 D	BIGLEAF MAPLE	ACER MACROPHYLLLUM	16	FAIR	HEAVY IVY INFESTATION OBSCURING BASE. LEANS 15° TOWARDS LAWN ON STEEP SLOPE. RECOMMEND RE-EVALUATION ONCE CANOPY LEAFS OUT.		RETAIN AND MONITOR	
26 D	BIGLEAF MAPLE	ACER MACROPHYLLLUM	14 + 15	FAIR	CODOMINANT STEMS AT 2' HT; NO CRACKS, CAVITIES OR CONKS OBSERVED. HEAVY IVY INFESTATION OBSCURING BASE. RECOMMEND RE-EVALUATION ONCE CANOPY LEAFS OUT TO DETERMINE AMOUNT OF DEADWOOD IN CROWN AND REVIEW FOLIAGE HEALTH. PRIOR FAILURE OF LARGE TREE TO SOUTH.		RETAIN AND MONITOR. MAY NEED CROWN CLEANING TO REDUCE WEIGHT ON BRANCHES LEANING OUT TO LAWN (TARGET AREA).	
27 D	RED ALDER	ALNUS RUBRA	16	POOR	DEAD/DYING. MULTIPLE SAPROPHYTIC CONKS ON STEM.	YES (10)	REMOVE FOR CONDITION	
28 D	RED ALDER	ALNUS RUBRA	17	POOR	DEAD/DYING. LARGE AREA OF DECAY AT BASE OF STEM ON EAST WHERE CODOMINANT STEM TORE OUT. CONKS. LEANING IN TO LAWN AREA.	YES (10)	REMOVEFOR CONDITION	
29 C	LEYLAND CYPRESS	X CUPRESSOCYPARIS LEYLANDII	17	GOOD			REMOVE FOR CONSTRUCTION	
30 C	LEYLAND CYPRESS	X CUPRESSOCYPARIS LEYLANDII	16	GOOD			REMOVE FOR CONSTRUCTION	
31 C	LEYLAND CYPRESS	X CUPRESSOCYPARIS LEYLANDII	19	GOOD			REMOVE FOR CONSTRUCTION	
32 C	LEYLAND CYPRESS	X CUPRESSOCYPARIS LEYLANDII	20	GOOD			REMOVE FOR CONSTRUCTION	
33 C	LEYLAND CYPRESS	X CUPRESSOCYPARIS LEYLANDII	19	GOOD			REMOVE FOR CONSTRUCTION	
34 C	LEYLAND CYPRESS	X CUPRESSOCYPARIS LEYLANDII	22	FAIR	CODOMINANT STEMS WITH INCLUDED BARK UP TO 5'		REMOVE FOR CONSTRUCTION	
35 C	LEYLAND CYPRESS	X CUPRESSOCYPARIS LEYLANDII	25 @ 2'	FAIR	FOUR STEMS; INCLUDED BARK AT ATTACHMENTS		REMOVE FOR CONSTRUCTION	
36 C	LEYLAND CYPRESS	X CUPRESSOCYPARIS LEYLANDII	28 @ 3'	GOOD			REMOVE FOR CONSTRUCTION	
37 D	EMPRESS TREE	PAULOWNIA TOMENTOSA	34	GOOD	ONESIDED CROWN TO SOUTH.		REMOVE FOR CONSTRUCTION	
38 D	RED ALDER	ALNUS RUBRA		POOR	CONKS, VISIBLE WHITE ROT WHERE STEM TO NORTH BROKE OUT IN PAST AND NO WOUND CLOSURE HAS OCCURRED.	YES (9)	REMOVE FOR CONDITION	
39 C	DOUGLAS FIR	PSEUDOTSUGA MENZIESII	62	GOOD	CODOMINANT STEMS WITH INCLUDED BARK UP TO 8'. WEST STEM TOP GONE		RETAIN AND MONITOR - PROVIDE TREE PROTECTION FENCING AS SHOWN ON PLANS. THE PLANNED FULL BUILD-OUT WILL IMPACT APPROXIMATELY 66% OF THIS TREE'S TPZ. RECOMMENDATION IS TO MINIMIZE IMPACTS WHERE POSSIBLE BY MOVING PLANNED IMPROVEMENTS FURTHER FROM TRE CONSTRUCTING HARD SURFACES ON GRADE WHERE POSSIBLE AND REDUCING AREA OF FILL BY USE OF RETAINING WALLS. WALLS SHALL BE MIN. 10 FROM TRUNK TO MAINTAIN ORIGINAL GRADE WITHIN CRITICAL ZONE CLOSE TO TRUNK. MINIMIZE ROOT DAMAGE BY LIMITING WORK TO ONLY HAND TOOLS WHERE TRENCHING MUST RUN THROUGH TPZ; NO ROOTS OVER 3" TO BE SEVERED; ANY ROOTS THAT ARE PRUNED SHOULD LEAVE FLAT SURFACE WITH CLEAN EDGES; ROOTS SHALL NOT BE LEFT UNCOVERED AND ALLOWED TO DRY OUT. ARBORIST SHOULD MONITOR EXCAVATION IN CASE ROOTS OVER 3" Ø ARE ENCOUNTERED. DOUG FIRS ARE RELATIVELY TOLERANT OF FILL AS LONG AS IT DOES NOT EXCEED 25% OF THE TPZ. THIS TREE WILL NEED TO BE MONITORED ANNUALLY AFTER CONSTRUCTION TO CHECK FOR SIGNS OF DECLINE.	' I II

PARK LACAMAS CREEK TREE TABLE engineering

215 W 4th Street, Suite 200
Vancouver, WA 98660
360.695.7041 LACAMAS CREEK SANITARY SEWER PUMP STATION IMPROVEMENTS



DRAWING NO:



CANNOT BE VISUALLY EXAMINED. LARGE DEAD BRANCH ON NORTH SIDE AT ABOUT 30'

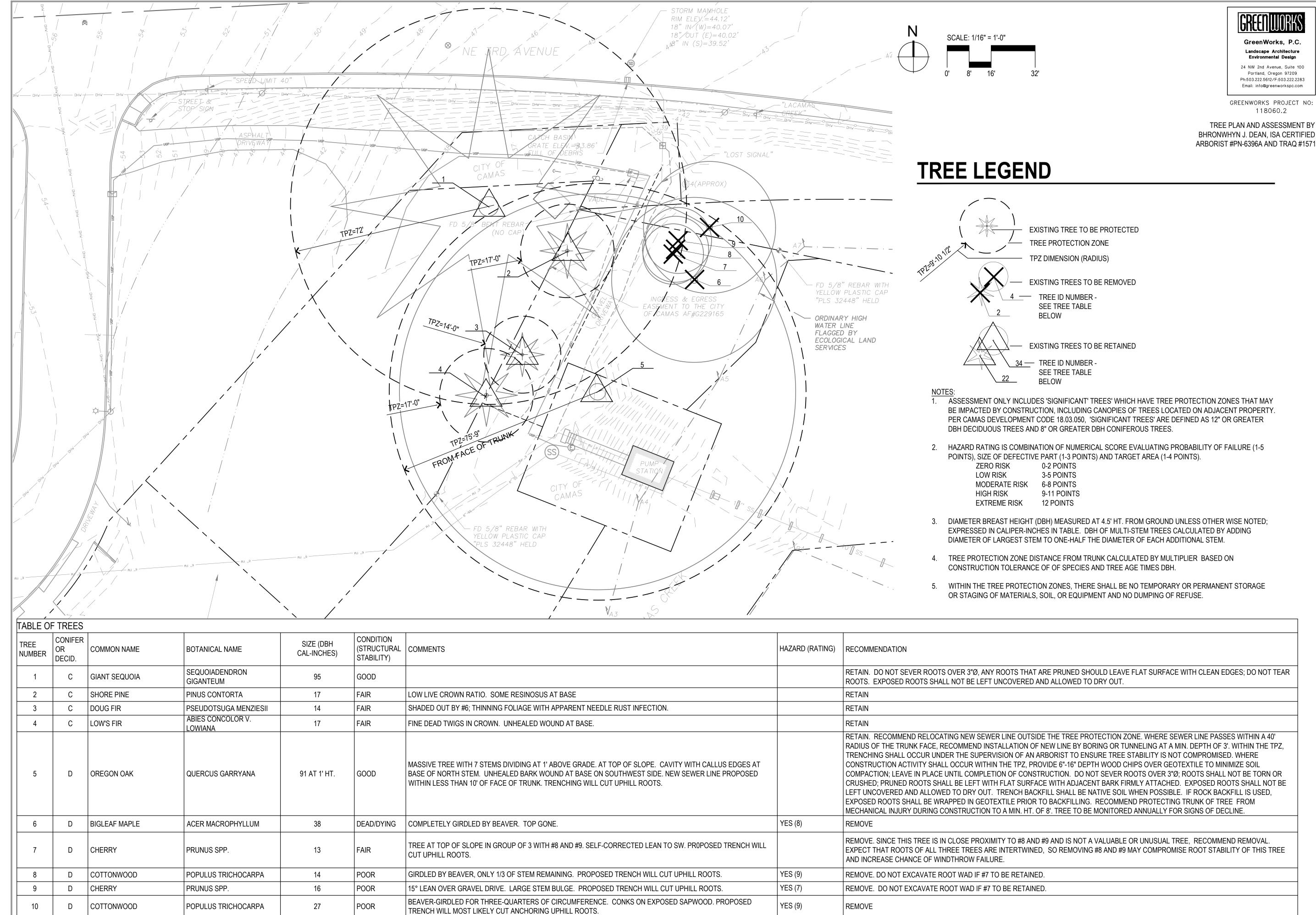
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DRAWING NO:

3 of 4

DEAD LIMB.



GreenWorks, P.C. Landscape Architecture

Environmental Design

Email: info@greenworkspc.com

TREE PLAN AND ASSESSMENT BY BHRONWHYN J. DEAN, ISA CERTIFIED

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215 W 4th St Vancouver, W 360.695.704

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