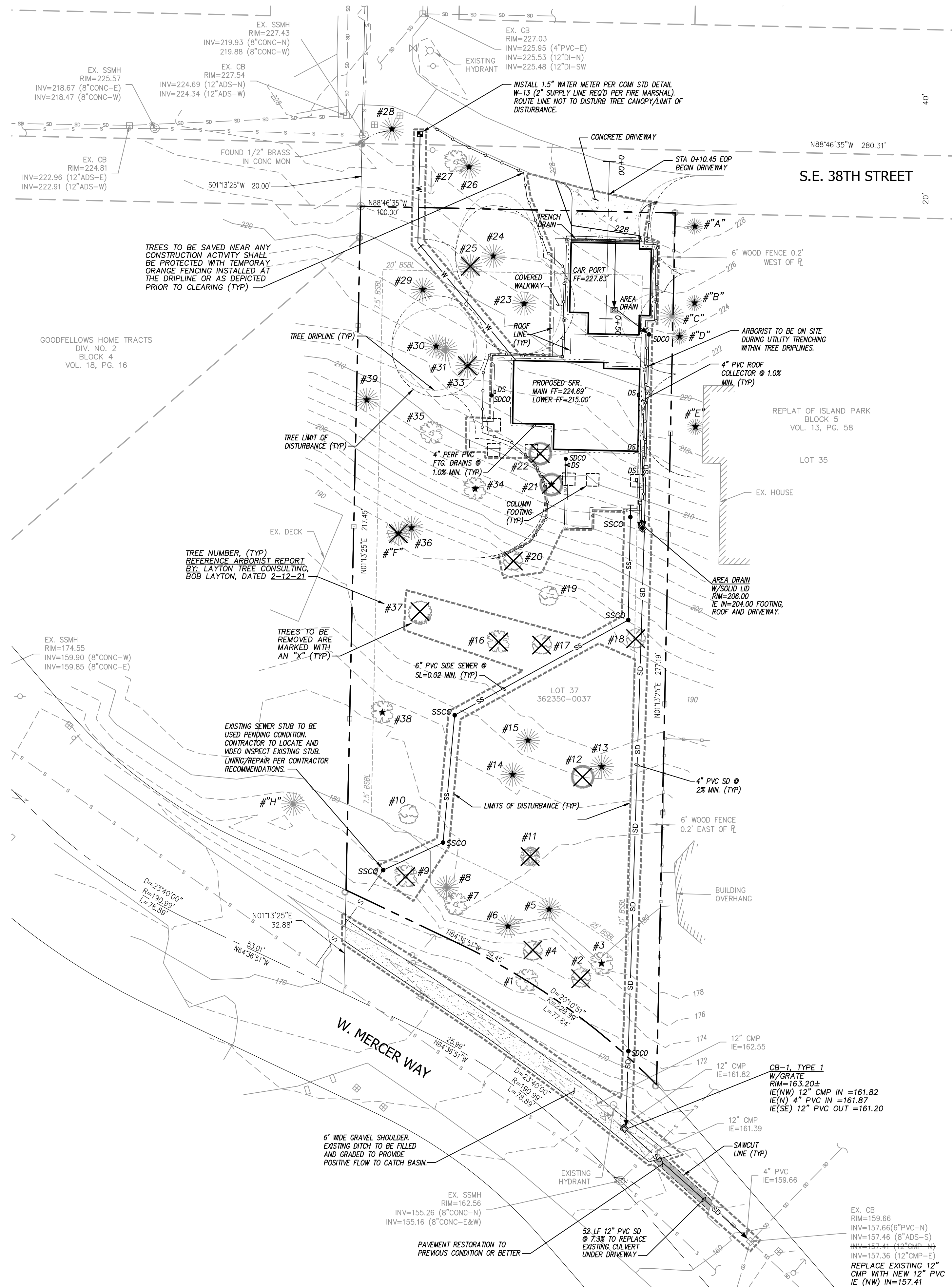


IN SE 1/4 OF THE SW 1/4 OF SECTION 12, T24N, R4E, W.M.

TREE RETENTION PLAN



LEGEND

- ⊕ WATER METER
- ⊖ WATER VALVE
- ⊚ FIRE HYDRANT
- ⊚ GAS VALVE
- ⊚ MAILBOX
- ⊚ UTILITY POLE
- ⊚ GUY ANCHOR
- ⊚ CATCH BASIN
- ⊚ SEWER MANHOLE
- ⊚ SIGN

TREE LEGEND

- ⊙ MAPLE TREE
- ⊙ COTTONWOOD TREE
- ⊙ ALDER TREE
- ⊙ MADRONIA TREE
- ⊙ TREE (UNSPECIFIED)
- ★ EXCEPTIONAL TREE >=24" DBH



VICINITY MAP
NOT TO SCALE

SURVEY NOTE

EXISTING SURVEY FEATURES, BOUNDARY, AND TOPOGRAPHIC DATA SHOWN ON THESE DRAWINGS HAVE BEEN PREPARED BASED UPON INFORMATION FURNISHED BY OTHERS. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, LE/G2 ENGINEERING CANNOT BE HELD RESPONSIBLE FOR THE ACCURACY OF DATA AND INFORMATION PROVIDED BY OTHERS, OR FOR ANY ERRORS OR OMISSIONS WHICH MAY HAVE BEEN INCORPORATED INTO THESE DRAWINGS AS A RESULT.

DISCREPANCIES

IF THERE ARE ANY DISCREPANCIES BETWEEN DIMENSIONS IN DRAWINGS AND EXISTING CONDITIONS WHICH WILL AFFECT THE WORK, THE CONTRACTOR SHALL BRING SUCH DISCREPANCIES TO THE ATTENTION OF THE ENGINEER FOR ADJUSTMENT BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER FITTING OF ALL WORK AND FOR THE COORDINATION OF ALL TRADES, SUBCONTRACTORS, AND PERSONS ENGAGED UPON THIS CONTRACT.

EXISTING UTILITY NOTE

ALL LOCATIONS OF EXISTING UTILITIES SHOWN HEREON HAVE BEEN ESTABLISHED BY FIELD SURVEY OR OBTAINED FROM AVAILABLE RECORDS AND SHOULD THEREFORE BE CONSIDERED APPROXIMATE ONLY AND NOT NECESSARILY COMPLETE. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO INDEPENDENTLY VERIFY THE ACCURACY OF ALL UTILITY LOCATIONS SHOWN AND TO FURTHER DISCOVER AND AVOID ANY OTHER UTILITIES NOT SHOWN HEREON WHICH MAY BE AFFECTED BY THE IMPLEMENTATION OF THIS PLAN.

CONTRACTOR RESPONSIBILITY

CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY, DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, AND THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.

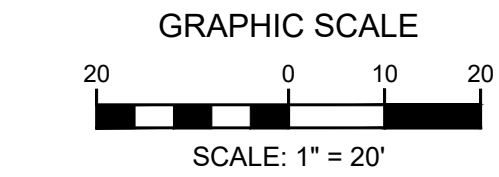
Layton Tree Consulting LLC

For: Paul Bosveld
Site: 73XX SE 38th ST - Mercer Island

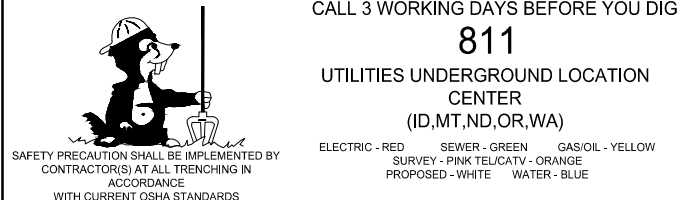
Tree Summary Table
Date: 2/12/2021

Tree/ Tag #	Species Common Name	Species Scientific Name	DBH (inches)	Height (feet)	Drip-Line / Limits of Disturbance (feet)				Condition	Regulated Yes/No	Exceptional Yes/No	Comments	Proposal
					N	S	E	W					
2	red alder	Alnus rubra	10						Poor	Yes	No		Remove
3	bigleaf maple	Acer macrophyllum	27						Fair	Yes	No	OK to leave, needs crown clean pruning	Save
4	red alder	Alnus rubra	11						Down	NA	NA	dead, fell down	NA
5	Douglas fir	Pseudotsuga menziesii	30						Good	Yes	Yes		Save
6	Douglas fir	Pseudotsuga menziesii	41						Fair	Yes	Yes		Save
7	bigleaf maple	Acer macrophyllum	cluster						Fair	Yes	No	OK to leave, needs crown clean pruning	Save
8	Douglas fir	Pseudotsuga menziesii	21						Fair	Yes	No		Save
9	bigleaf maple	Acer macrophyllum	22						Poor	Yes	No	70% dead, lean to powerlines	Remove
10	Pacific dogwood	Cornus nuttallii	11, 11 (16)	59					Fair	Yes	Yes	OK to leave, low risk	Save
11	Mountain ash	Sorbus aucuparia	8, 4 (9)						Dead	NA	NA		NA
12	Pacific madrone	Arbutus menziesii	11						Poor	Yes	Yes	90% dead, low risk, OK to leave	NA
13	Douglas fir	Pseudotsuga menziesii	53						Fair	Yes	Yes		Save
14	Douglas fir	Pseudotsuga menziesii	38						Good	Yes	Yes		Save
15	Douglas fir	Pseudotsuga menziesii	35						Good	Yes	Yes		Save
16	bigleaf maple	Acer macrophyllum	11						Fair	Yes	No		Remove
17	red alder	Alnus rubra	16						Dead	NA	NA		NA
18	red alder	Alnus rubra	15						Dead	NA	NA		NA
19	red alder	Alnus rubra	15						Fair	Yes	No	OK to leave, decent vigor, low risk	Save
20	red alder	Alnus rubra	14						Poor	Yes	No	90% dead	Remove
21	Pacific madrone	Arbutus menziesii	32						Poor	Yes	Yes	diseased, heavy lean downhill	Remove
22	Pacific madrone	Arbutus menziesii	12						Dead	NA	NA		NA
23	Douglas fir	Pseudotsuga menziesii	52		16/16	16/16	12/16	18	Good	Yes	Yes		Save
24	Douglas fir	Pseudotsuga menziesii	43	155	20/16	10/16	14/16	12	Good	Yes	Yes	old broken top	Save
25	Douglas fir	Pseudotsuga menziesii	14						Dead	NA	NA	Dead snag	Remove
29	Douglas fir	Pseudotsuga menziesii	30		14/16	10	10/16	NA	Fair	Yes	Yes	cameral rupture	Save
30	Douglas fir	Pseudotsuga menziesii	30	130	12/16	14/16	10/16	14	Fair	Yes	Yes	incipient pine infection, south side	Save
31	Douglas fir	Pseudotsuga menziesii	18	90	14/14	6/12	10/12	8	Fair	Yes	No		Save
32	Douglas fir	Pseudotsuga menziesii	17		NA	NA	NA	NA	Dead	NA	NA	Dead snag	Remove
33	Douglas fir	Pseudotsuga menziesii	36		NA	NA	NA	NA	Fair	Yes	Yes	Advanced pine infection, all sides	Remove
34	bigleaf maple	Acer macrophyllum	26		16	22	22	NA	Fair	Yes	No	decent form, some dead wood	Save
35	bigleaf maple	Acer macrophyllum	20		16/14	NA	18/14	NA	Fair	Yes	No	decent form, some dead wood	Save
36	Douglas fir	Pseudotsuga menziesii	37						Fair	Yes	Yes		Save
37	black cottonwood	Populus trichocarpa	21						Poor	Yes	No	suspect internal decay	Remove
38	bigleaf maple	Acer macrophyllum	40						Fair	Yes	Yes	asymmetrical crown to east	Save
39	Douglas fir	Pseudotsuga menziesii	39	142					Fair	Yes	Yes	old broken top, upper foliage a little sparse	Save
F	Douglas fir	Pseudotsuga menziesii	31	100					Poor	Yes	Yes	advanced pine infection, leans west to house	Remove
Neighboring Trees													
1	bigleaf maple	Acer macrophyllum	7						Fair	No	No	in ROW	Protect
26	Douglas fir	Pseudotsuga menziesii	48						Good	Yes	Yes		Protect
27	bigleaf maple	Acer macrophyllum	19						Fair	Yes	No	in ROW	Protect
28	Douglas fir	Pseudotsuga menziesii	31		16	14/16	NA	18/14	Good	Yes	Yes	in ROW	Protect
A	Douglas fir	Pseudotsuga menziesii	36		10	8	NA	10	Good	Yes	Yes		Protect
B	Douglas fir	Pseudotsuga menziesii	30		8	12	NA	16/10	Fair	Yes	Yes	6-feet off PL/ence	Protect
C	Douglas fir	Pseudotsuga menziesii	19		8	12	NA	14/14	Good	Yes	Yes		Protect
D	Douglas fir	Pseudotsuga menziesii	32		8	12	NA	14/14	Good	Yes	Yes		Protect
E	Douglas fir	Pseudotsuga menziesii	42		18	16	NA	17	Fair	Yes	Yes	Foliage somewhat sparse	Protect

Drip-Line and Limits of Disturbance measurements from face of trunk
Calculated DBH: the DBH is parenthesis is the square root of the sum of the dbh for each individual stem squared (example with 3 stems: dbh = square root [(stem1)² + (stem2)² + (stem3)²]).



CALL 3 WORKING DAYS BEFORE YOU DIG
811
UTILITIES UNDERGROUND LOCATION CENTER (ID.MT.ND.OR.WA)



PROJECT DATA

PROPERTY ADDRESS: 38XX WEST MERCER WAY, MERCER ISLAND, WA 98040
TAX LOT NUMBER: 362350-0037
SITE AREA: 24,288 S.F. (0.56 AC.)
ZONING: RESIDENTIAL R-15

PROJECT CONTACTS

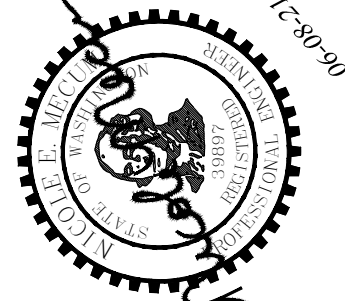
OWNER: PAUL BOSVELD & LIN YUSHAN
1421 36TH AVE S
SEATTLE WA 98144
(954) 918-6271

ARCHITECT: WITTMAN ESTES
6007 12TH AVENUE SOUTH
SEATTLE, WA 98108
(206) 735-71701
CONTACT: MATT WITTMAN

CIVIL ENGINEER: LITCHFIELD ENGINEERING
12840 81ST AVE NE
KIRKLAND, WA 98034
(425) 821-5038
CONTACT: KEITH LITCHFIELD, PE

SURVEYOR: ENCOMPASS ENGINEERING & SURVEYING
165 NE JUNIPER STREET, SUITE 201
ISSAQUAH, WA 98027
(425) 392-0250
CONTACT: STEVEN D. McCASKEY, PLS

GEOTECHNICAL ENGINEER: GEO GROUP NORTHWEST, INC.
13705 BEL-RED ROAD
BELLEVUE, WA 98005
(425) 649-8757
CONTACT: WILLIAM CHANG, PE



DATE	NOTES
6-8-21	SUBMITTED TO CLIENT
CHKD BY	DATE
NEM	
DRAWN BY	DATE
JPL	

G2 CIVIL
1375 NW MALL ST, SUITE 3
ISSAQUAH, WA 98027
PHONE: (425) 821-5038

TREE RETENTION PLAN
38XX WEST MERCER WAY
MERCER ISLAND, WA 98040
PAUL BOSVELD
1421 36TH AVE S
SEATTLE, WA 98144
(954) 918-6271