



SITE PLAN:
SCALE: 1" = 10'-0"
PRINTS TO SCALE ON 24"x36"

YUEN RESIDENCE

4624 E. MERCER WAY
MERCER ISLAND, WA 98040

PROPERTY INFORMATION:	CONTACT INFORMATION:	VICINITY MAP
<p>PARCEL # 799610-0010</p> <p>OWNER: GERALD YUEN 4624 E. MERCER WAY MERCER ISLAND, WA 98040</p> <p>PROJECT ADDRESS: 4624 E. MERCER WAY MERCER ISLAND, WA 98040</p> <p>LEGAL DESCRIPTION: SANDY BEACH TRS UNREG 4 LESS N 21 FT OF S & SH LPS ADJ PLAT LOT: 4-5</p> <p>PARCEL AREA: 40,071 SF</p> <p>ZONING: R-15</p>	<p>OWNER: GERALD YUEN 4624 E. MERCER WAY MERCER ISLAND, WA 98040</p> <p>LANDSCAPE ARCHITECT: RAGEN & ASSOCIATES 917 E. PIKE STREET SEATTLE, WA 98122 P: (206) 329.4737</p> <p>SURVEYOR: PLOS ENGINEERING, PLLC P.O. BOX 412 RAVENSDALE, WA 98091 P: (206) 410.7100</p>	

PROJECT INFORMATION:		
<p>PROJECT DESCRIPTION: DRIVEWAY MODIFICATION</p>		
<p>INTERVIEWS COVERAGE CALCULATION:</p> <p>① EXISTING MAIN BUILDING: 2,490 SF</p> <p>② EXISTING SHED: 66 SF</p> <p>③ EXISTING PATIO/ DECK/ PORCH/ WALKING PATH: 1,247 SF</p> <p>④ EXISTING SPORT COURT: 1,600 SF</p> <p>⑤ EXISTING CONCRETE DRIVE: 2,038 SF</p> <p>⑥ NEW CONCRETE DRIVE: 391 SF</p> <p>⑦ REPLACED ASPHALT: 3,926 SF</p> <p>⑧ NEW ASPHALT: 1,229 SF</p> <p>⑨ REMOVED ASPHALT: 13,787 SF</p> <p>TOTAL INTERVIEWS: 19,111 SF</p>	<p>LOT COVERAGE - NO CHANGES:</p> <p>EXISTING MAIN BUILDING: 2,490 SF</p> <p>EXISTING SHED: 66 SF</p> <p>EXISTING DECK: 413 SF</p> <p>LOT: 40,071 SF</p> <p>* LOT COVERAGE CALCULATION: 2,970 SF / 40,071 SF = 7.3%</p> <p>INTERVIEWS CALCULATION: 19,111 SF / 40,071 SF = 47.7%</p> <p>FIRE LANE INFORMATION: DISTANCE MAIN BUILDING TO FIRE HYDRANT: 379 LF</p> <p>NARROWEST ACCESS: 11'-5"</p>	<p>SLOPE CALCULATION:</p> <p>HIGH POINT: 140.3'</p> <p>LOW POINT: 136.5'</p> <p>DISTANCE: 517'</p> <p>140.3'-136.5' = 3.8' = 2.3%</p> <p>917'</p> <p>TOTAL LANDSCAPED AREA: 25,259 SF</p>

TREE SCHEDULE:				
NUMBER	LATIN NAME	COMMON NAME	DBH	DLR
1	ACER MACROPHYLLUM	BIG LEAF MAPLE	12"	24'
2	THUJA PLICATA	WESTERN RED CEDAR	18"	18'
3	PSEUDOTSUGA MENZIESII	DOUGLAS FIR	14"	14'
4	ACER MACROPHYLLUM	BIG LEAF MAPLE	36"	36'
5	PSEUDOTSUGA MENZIESII	DOUGLAS FIR	18"	18'
6	ACER MACROPHYLLUM	BIG LEAF MAPLE	12"	20'
7	ACER MACROPHYLLUM	BIG LEAF MAPLE	12"	12'
8	ACER MACROPHYLLUM	BIG LEAF MAPLE	26"	26'
9	ACER MACROPHYLLUM	BIG LEAF MAPLE	12"	12'
10	PSEUDOTSUGA MENZIESII	DOUGLAS FIR	20"	20'
11	ACER MACROPHYLLUM	BIG LEAF MAPLE	52"	52'
12	ACER MACROPHYLLUM	BIG LEAF MAPLE	12"	20'
13	ACER MACROPHYLLUM	BIG LEAF MAPLE	16"	20'
14	PSEUDOTSUGA MENZIESII	DOUGLAS FIR	48"	48'
15	ACER MACROPHYLLUM	BIG LEAF MAPLE	10"	20'
16	ACER MACROPHYLLUM	BIG LEAF MAPLE	10"	20'
17	ACER MACROPHYLLUM	BIG LEAF MAPLE	10"	10'
18	PSEUDOTSUGA MENZIESII	DOUGLAS FIR	56"	40'
19	ACER MACROPHYLLUM	BIG LEAF MAPLE	12"	18'
20	ACER MACROPHYLLUM	BIG LEAF MAPLE	10"	20'
21	THUJA PLICATA	WESTERN RED CEDAR	8"	8'
22	THUJA PLICATA	WESTERN RED CEDAR	22"	22'
23	THUJA PLICATA	WESTERN RED CEDAR	28"	28'
24	PSEUDOTSUGA MENZIESII	DOUGLAS FIR	20"	20'
25	PSEUDOTSUGA MENZIESII	DOUGLAS FIR	18"	18'
26	PSEUDOTSUGA MENZIESII	DOUGLAS FIR	10"	10'
27		DECIDUOUS	16"	16'
28	THUJA PLICATA	WESTERN RED CEDAR	40"	40'
29	PSEUDOTSUGA MENZIESII	DOUGLAS FIR	12"	12'
30	ILEX	HOLLY	8"	8'
31	THUJA PLICATA	WESTERN RED CEDAR	30"	30'
32		DECIDUOUS	8"	10'
33	THUJA PLICATA	WESTERN RED CEDAR	28"	28'
34	FRAXINUS LATIFOLIA	OREGON ASH	6"	12'
35	THUJA PLICATA	WESTERN RED CEDAR	28"	28'
36	THUJA PLICATA	WESTERN RED CEDAR	36"	36'
37	THUJA PLICATA	WESTERN RED CEDAR	26"	26'
38	THUJA PLICATA	WESTERN RED CEDAR	42"	42'
39	PSEUDOTSUGA MENZIESII	DOUGLAS FIR	20"	20'

ETER OF BREAS HEIGHT
DRIP LINE RADIUS

**SITE PLAN
PROJECT INFORMATION
PERMIT #: XXXX**

- SHEET INDEX:**
- L1: PROJECT INFORMATION, SITE PLAN
 - RS RECORD SURVEY
 - BT 1: BOUNDARY & TOPOGRAPHIC SURVEY
 - BT 2: BOUNDARY & TOPOGRAPHIC SURVEY

DRAWN BY: CS, AB
DATE: 1-25-2023