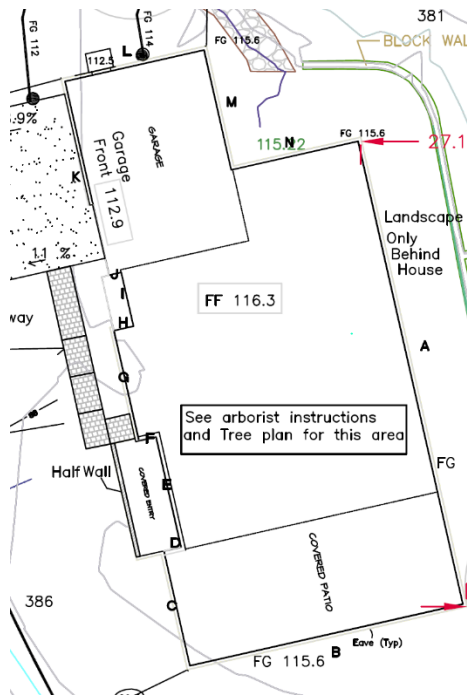


July 5, 2023

Eric and Katie Spring  
 4740 West Mercer Way,  
 Mercer Island 98040  
 kgipson13@gmail.com  
 erikspring@gmail.com

**Survey for:** Mid-Wall Spot Elevations for Permitting  
**Subject Property:** 4740 West Mercer Way, Mercer Island 98040  
**Tax Parcel(s):** 4045100055

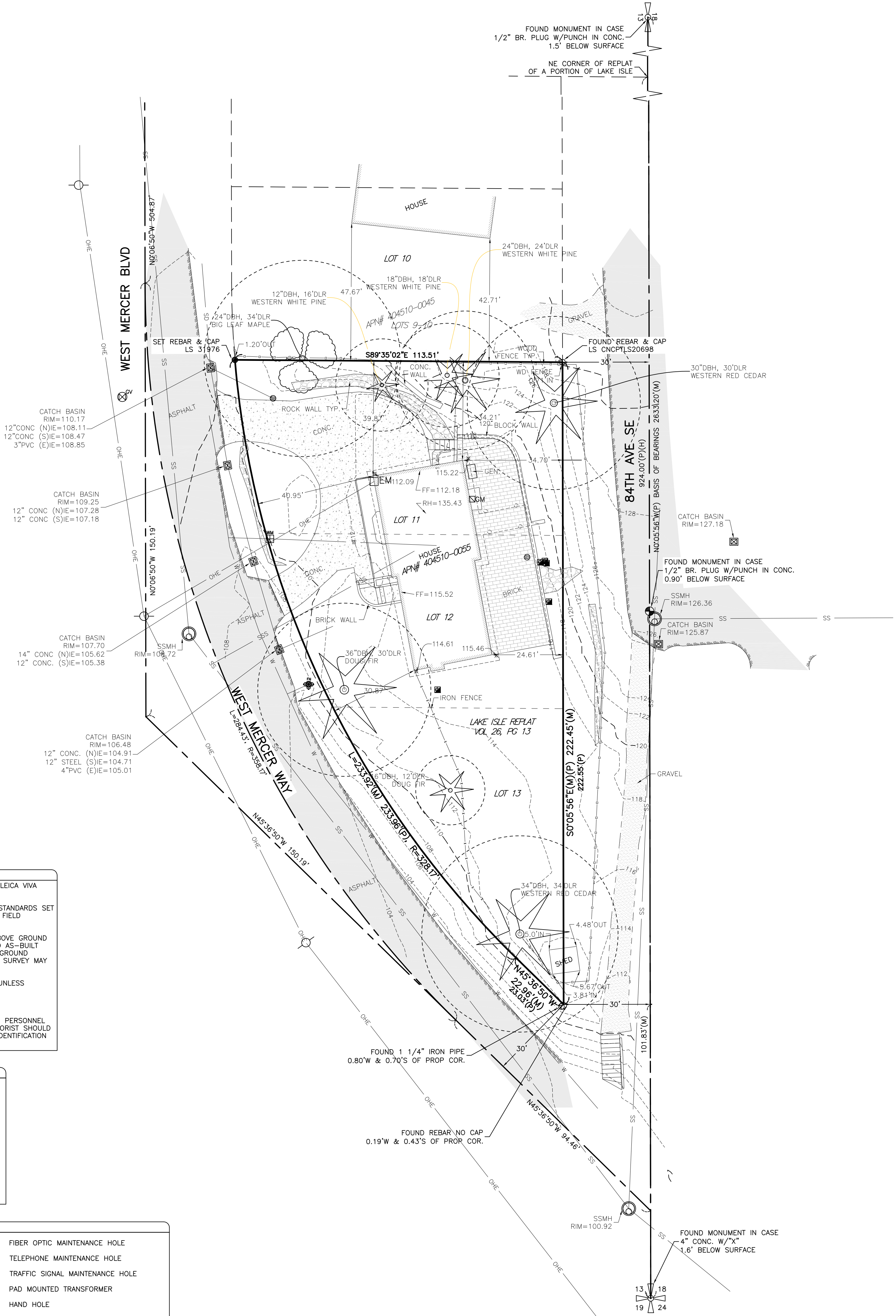
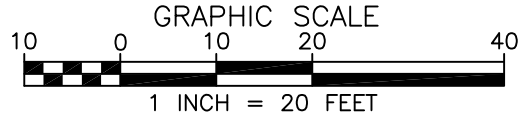
The following diagram and table indicate the location and elevation of the points where we obtained existing grade elevations:



Surveyed Grade Elevation Table	
Point	Elevation
A	115.4
B	114.7
C	114.3
D	114.8
E	115.1
F	115.2
G	115.6
H	112.0
I	112.4
J	112.3
K	112.2
L	111.9
M	112.1
N	115.1

These locations were established under my supervision and are certified to be accurate  $\pm 0.1'$  vertically and  $\pm 0.2'$  horizontally.

**Mark X. Plog, PE, PLS #31976**  
 Principal Engineer and Land Surveyor



**GENERAL NOTES**

1. INSTRUMENTATION FOR THIS SURVEY WAS A 3-SECOND LEICA VIVA TS15 SMART POLE TOTAL STATION/RTK GPS.
2. PROCEDURES USED IN THIS SURVEY MEET OR EXCEED STANDARDS SET BY WAC 332-130-090. SURVEY WAS COMPLETED BY A FIELD TRAVERSE.
3. UTILITIES SHOWN ON THIS SURVEY ARE BASED UPON ABOVE GROUND OBSERVATIONS, UTILITY LOCATES BY THIRD PARTIES, AND AS-BUILT PLANS WHERE AVAILABLE. ACTUAL LOCATIONS OF UNDERGROUND UTILITIES MAY VARY AND UTILITIES NOT SHOWN ON THIS SURVEY MAY EXIST ON THIS SITE.
4. ALL MONUMENTS WERE LOCATED DURING THIS SURVEY UNLESS OTHERWISE NOTED.
5. CONTOURS SHOWN ARE BASED ON A FIELD SURVEY.
6. TREE IDENTIFICATION WAS PERFORMED BY SURVEY FIELD PERSONNEL AND SHOULD BE CONSIDERED A BEST GUESS. AN ARBORIST SHOULD BE RELIED UPON FOR MORE ACCURATE AND DETAILED IDENTIFICATION OF TREE SPECIES AND HEALTH.

**PROJECT INFORMATION**

SURVEYOR: PLOG ENGINEERING, PLLC  
P.O. BOX 412  
RAVENSDALE, WA 98051  
PH: (206) 420-7130

PROPERTY OWNER: ERIC & KATIE SPRING  
4740 WEST MERCER WAY  
MERCER ISLAND, WA 98040

TAX PARCEL NUMBER: 404510-0055

PROJECT ADDRESS: 4740 WEST MERCER WAY  
MERCER ISLAND, WA 98040

PARCEL AREA: 16,710 S.F. (0.384 ACRES ±)  
AS SURVEYED

**SYMBOL LEGEND**

MONUMENT AS NOTED	FIBER OPTIC MAINTENANCE HOLE
SECTION CORNER	TELEPHONE MAINTENANCE HOLE
QUARTER SECTION CORNER	TRAFFIC SIGNAL MAINTENANCE HOLE
FOUND REBAR AS NOTED	PAD MOUNTED TRANSFORMER
SET REBAR AND CAP LS 31976	HAND HOLE
FOUND SURFACE MARKER/DISK	A/C COMPRESSOR
SET SURFACE MARKER/DISK LS 31976	YARD LIGHT
SEWER MAINTENANCE HOLE	POWER POLE
SEPTIC MAINTENANCE HOLE	GUY WIRE
SEWER CLEAN OUT	STREET LIGHT
SEWER LINE	O-HU—OVERHEAD UTILITIES (GENERAL/MIXED)
STORM DRAIN MAINTENANCE HOLE	O-HE—OVERHEAD ELECTRICAL
CATCH BASIN (TYPE 2)	O-HC—OVERHEAD CABLE
CATCH BASIN (TYPE 1)	O-HT—OVERHEAD TELEPHONE
STORM DRAIN CLEAN OUT	U-GU—UNDERGROUND UTILITIES (GENERAL/MIXED)
ROUND YARD DRAIN	U-GE—UNDERGROUND ELECTRICAL
SQUARE YARD DRAIN	U-GC—UNDERGROUND CABLE
SD—STORM DRAIN LINE	U-GT—UNDERGROUND TELEPHONE
WATER MAINTENANCE HOLE	U-FO—UNDERGROUND FIBER OPTIC
WATER VALVE	BOLLARD
WATER METER	M MAILBOX
FIRE HYDRANT	S SIGN
BLOW OFF VALVE	WF WETLAND FLAG
IRRIGATION VALVE/JUNCTION	SNAG
W—WATER LINE	DECIDUOUS MULTI—TRUNK
G V GAS VALVE	DECIDUOUS
G M GAS METER	CONIFER MULTI—TRUNK
G—GAS LINE	CONIFER
C CABLE RISER	
CB CTV CABLE BOX	
CM CABLE MAINTENANCE HOLE	

**REFERENCE SURVEYS**

P1 - REPLAT OF LAKE ISLE, VOL 26, PG 13  
R1 - AF# 20061023900004  
SP1 - AF# 9809099001 SP# M.J. 98-0179

**VERTICAL DATUM & CONTOUR INTERVAL**

ELEVATIONS SHOWN ON THIS DRAWING ARE BASE ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AND WERE ESTABLISHED USING RTK GPS.

2.0' CONTOUR INTERVAL - THE EXPECTED VERTICAL ACCURACY IS EQUAL TO 1/2 THE CONTOUR INTERVAL OR ± 1.0' FOR THIS PROJECT.

**LEGAL DESCRIPTION**

LOTS 11, 12 AND 13, REPLAT OF A PORTION OF LAKE ISLE, ACCORDING TO THE PLAT THEREOF RECORDED IN VOLUME 26 OF PLATS, PAGE 13, RECORDS OF KING COUNTY, WASHINGTON.

SITUATE IN THE COUNTY OF KING, STATE OF WASHINGTON.

**BASIS OF BEARINGS**

PER THE REPLAT OF A PORTION OF LAKE ISLE, ACCORDING TO THE PLAT THEREOF RECORDED IN VOLUME 26 OF PLATS, PAGE 13, RECORDS OF KING COUNTY, WASHINGTON.

ACCEPTED THE BEARING OF N 0°05'56" W FOR 84TH AVE SE BASED ON FOUND MONUMENTS IN CASE.

**ABBREVIATION LEGEND**

MON = MONUMENT  
DN = DOWN  
SP = SHORT PLAT  
BLA = BOUNDARY LINE ADJUSTMENT  
DBH = DIAMETER AT BREAST HEIGHT (FT)  
DLR = DRIP LINE RADIUS (FT)  
APN = ASSESSORS' PARCEL NUMBER  
AF# = AUDITOR'S FILE NUMBER  
(M) = AS MEASURED  
(C) = AS CALCULATED  
(P) = PER PLAT  
(D) = PER DEED  
(R#) = PER REFERENCE SURVEY  
(H) = HELD



**PLOG ENGINEERING**  
Surveyors & Civil Engineers

P.O. Box 412  
Ravensdale, WA 98051  
(206) 420-7130  
www.PlogEngineering.com

SE1/4, SE1/4, SEC 13, TWP 24N, RNG 4E, W.M.			
BOUNDARY & TOPOGRAPHIC SURVEY			
ERIC & KATIE SPRING			
4740 WEST MERCER WAY			
MERCER ISLAND, WA 98040			
PROJECT NO.:	REVISION DATE:	REVISION NO.:	SHEET
174-21	10/12/2021	0	1 OF 1