

From: jim.mattison.me
To: [Molly McGuire](mailto:Molly.McGuire)
Cc: susan.mattison.me
Subject: 2207-019 SUB2 DG JM survey doc
Date: Saturday, March 11, 2023 9:38:05 AM
Attachments: [DG.JMsurvey.pdf](#)

TOPOGRAPHIC & BOUNDARY SURVEY

LEGAL DESCRIPTION

(PER PERSONAL REPRESENTATIVE DEED RECORDING# 20210415002461)

LOTS 46, 47, 48 AND THE WEST ONE-HALF OF LOT 49 IN BLOCK 3 OF WHITE BROTHERS FIRST ADDITION TO EAST SEATTLE, AS PER PLAT RECORDED IN VOLUME 4 OF PLATS, PAGE 100, RECORDS OF KING COUNTY AUDITOR;

SITUATE IN THE CITY OF MERCER ISLAND, COUNTY OF KING, STATE OF WASHINGTON.

BASIS OF BEARINGS

HELD N 88°48'41" W BETWEEN MONUMENTS FOUND ON THE CENTERLINE OF SE 32ND ST PER GPS OBSERVATIONS, NAD83/2011 WASHINGTON STATE PLANE, NORTH ZONE.

REFERENCES

- R1. RECORD OF SURVEY, VOL. 133, PG. 28,
- R2. RECORD OF SURVEY, VOL. 7, PG. 171,
- R3. PLAT OF WHITE & NOBLES FIRST ADD. REC. NO. 1889050232489, RECORDS OF KING COUNTY, WASHINGTON.

VERTICAL DATUM

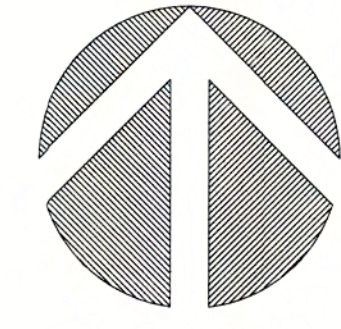
NAVD88, PER GPS OBSERVATIONS.

SURVEYOR'S NOTES

- THE TOPOGRAPHIC SURVEY SHOWN HEREON WAS PERFORMED IN MAY OF 2021. THE FIELD DATA WAS COLLECTED AND RECORDED ON MAGNETIC MEDIA THROUGH AN ELECTRONIC THEODOLITE. THE DATA FILE IS ARCHIVED ON DISC OR CD. WRITTEN FIELD NOTES MAY NOT EXIST. CONTOURS ARE SHOWN FOR CONVENIENCE ONLY. DESIGN SHOULD RELY ON SPOT ELEVATIONS.
- ALL MONUMENTS SHOWN HEREON COURSE OF THIS SURVEY UNLESS OTHERWISE NOTED.
- THE TYPES AND LOCATIONS OF AN INFORMATION PUBLIC DOMAIN INCLUDING, AS AP MARKINGS PLACED BY UTILITY LOC BY TERRANE IN THE FIELD. AS S SHOWN ON THESE DRAWINGS ARE PURPOSES ONLY AND SHOULD NO OR CONSTRUCTION PURPOSES; TEI LIABLE FOR THE ACCURACY OR CI INFORMATION. FOR THE ACCURAT UTILITIES NECESSARY FOR DESIGN CONTACT THE SITE OWNER AND TI SERVICE (800-424-5555).
- SUBJECT PROPERTY TAX PARCEL
- SUBJECT PROPERTY AREA PER TH (0.20 ACRES)
- THIS SURVEY WAS PERFORMED W/ REPORT, EASEMENTS AND OTHER THAT ARE NOT SHOWN HEREON.
- FIELD DATA FOR THIS SURVEY WA MEASUREMENTS WITH A CALIBRATI TOTAL STATION AND/OR SURVEY ALL ANGULAR AND LINEAR RELATI MEET THE STANDARDS SET BY W/

STEEP SLOPE/BUFFER DISCLAIMER:

THE LOCATION AND EXTENT OF STEEP SLOPES SHOWN ON THIS DRAWING ARE FOR INFORMATIONAL PURPOSES ONLY AND CANNOT BE RELIED ON FOR DESIGN AND/OR CONSTRUCTION. THE PITCH, LOCATION, AND EXTENT ARE BASED SOLELY ON OUR GENERAL OBSERVATIONS ON SITE AND OUR CURSORY REVIEW OF READILY AVAILABLE PUBLIC DOCUMENTS. AS SUCH, TERRANE CANNOT BE LIABLE OR RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ANY STEEP SLOPE INFORMATION. ULTIMATELY, THE LIMITS AND EXTENT OF ANY STEEP SLOPES ASSOCIATED WITH ANY SETBACKS OR OTHER DESIGN OR CONSTRUCTION PARAMETERS MUST BE DISCUSSED AND APPROVED BY THE REVIEWING AGENCY BEFORE ANY CONSTRUCTION CAN OCCUR.



(IN FEET)
1 INCH = 10 FT.

Common & Notable Elevation Markers

Marker	Description	DR Strong Survey - May 1989	MW Marshall Survey - May 2004	Terrane Survey - May 2021	3507 Site Plan - 1992	Plan Set Sht. A.1.0 - March 2022	MI City Manhole Inventory
B-1	bore test #1	-	-	225.01	-	-	-
B-2	bore test #2	-	-	218.51	-	-	-
B-3	bore test #3	-	-	230.51	-	-	-
TH-1	test hole #1	-	-	232.01	-	-	-
TH-2	test hole #2	-	-	236.01	-	-	-
CB-1	catch basin 19b-34 @ Maker St	-	213.7*	213.7	-	-	-
CB-2	catch basin 19b-51 @ Maker St	-	231.2*	231.0	-	-	-
WV	water valves @ 7570 SE Maker St	-	224.3*	224.1	-	-	-
SS-1	manhole @ Maker St (SS-MH-26)	-	226.8*	226.8	-	-	227.5*
SS-2	manhole @ Maker St & 72nd Ave SE (SS-MH-28)	-	-	240.2	-	-	239.2*
SS-3	manhole @ 3421-72nd Ave SE (SS-MH-29)	275.4*	-	-	-	-	275.5*
FF-1	basement floor @ 3507-72nd Ave SE	251.0*	-	-	250.7*	-	-
SE-1	spot elevation @ 6950 NW basement outside corner	231.2*	-	231.2	-	-	-
PC-1	NE property corner @ 6950 (PK nail)	242.6*	-	242.5	-	-	-
PC-2	NW property corner @ 6950 (iron pipe)	219.0*	-	218.7	-	-	-

Note: For clarity, some CB, WV, SS, and PC markers from other surveys not shown on this plan. Locations, however, are almost identical. Refer to attached surveys.

- * = depth of loose fills are not included in test bore and test hole final elevations shown
- † = spot elevations updated/adjusted to conform to NAVD88 vertical datum per plan by adding 3.5 feet.

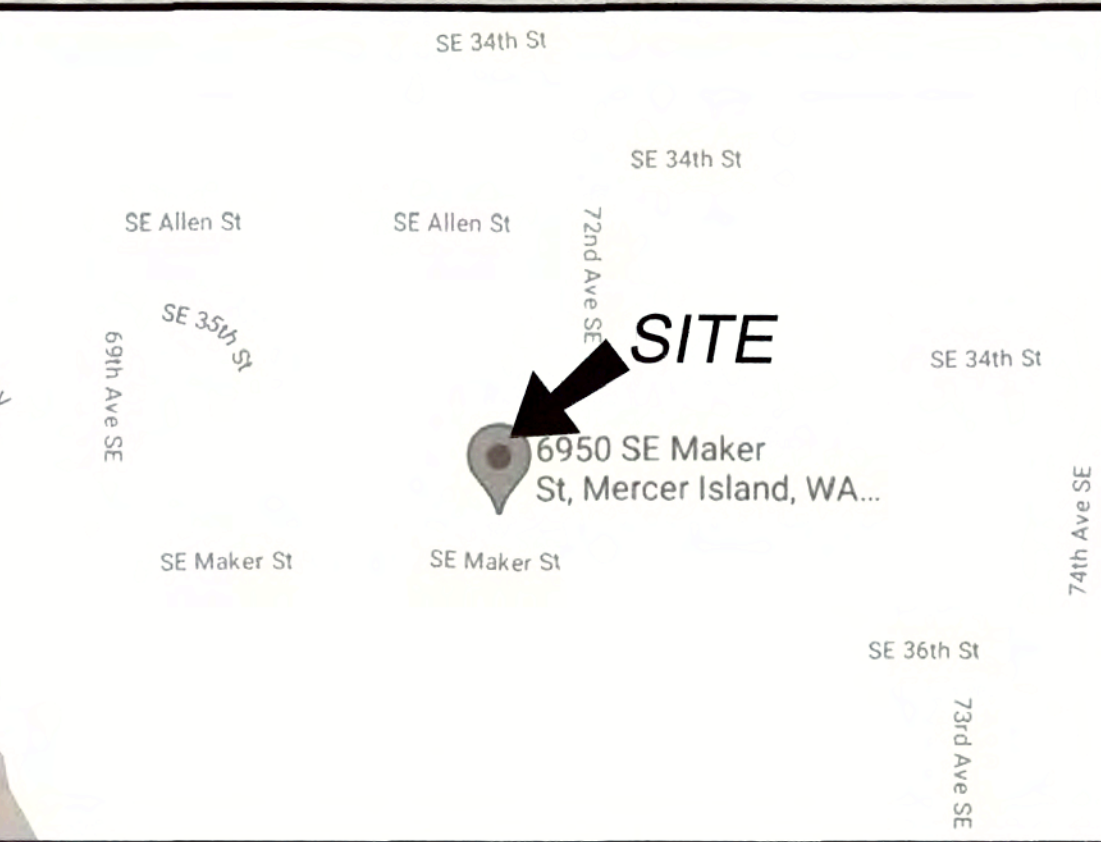
Legend	DR Strong Survey - May 1989	MW Marshall Survey - May 2004	Terrane Survey - May 2021
contours - MW Marshall Surveyor May 2004	-	-	✓
contours - DR Strong Consulting Engineers May 1989	✓	-	-
contours - MI Mapping Portal LIDAR - 2ft. Interval	-	-	✓
basement wall lines of proposed structure	-	-	✓
contours - interpolated between DR Strong survey and MW Marshall survey (two LIDAR locations included)	-	-	✓

Elevations and contours prepared by Dan Grove, 3515 - 72nd Ave. SE and Jim Mattison, 7075 SE Maker St.

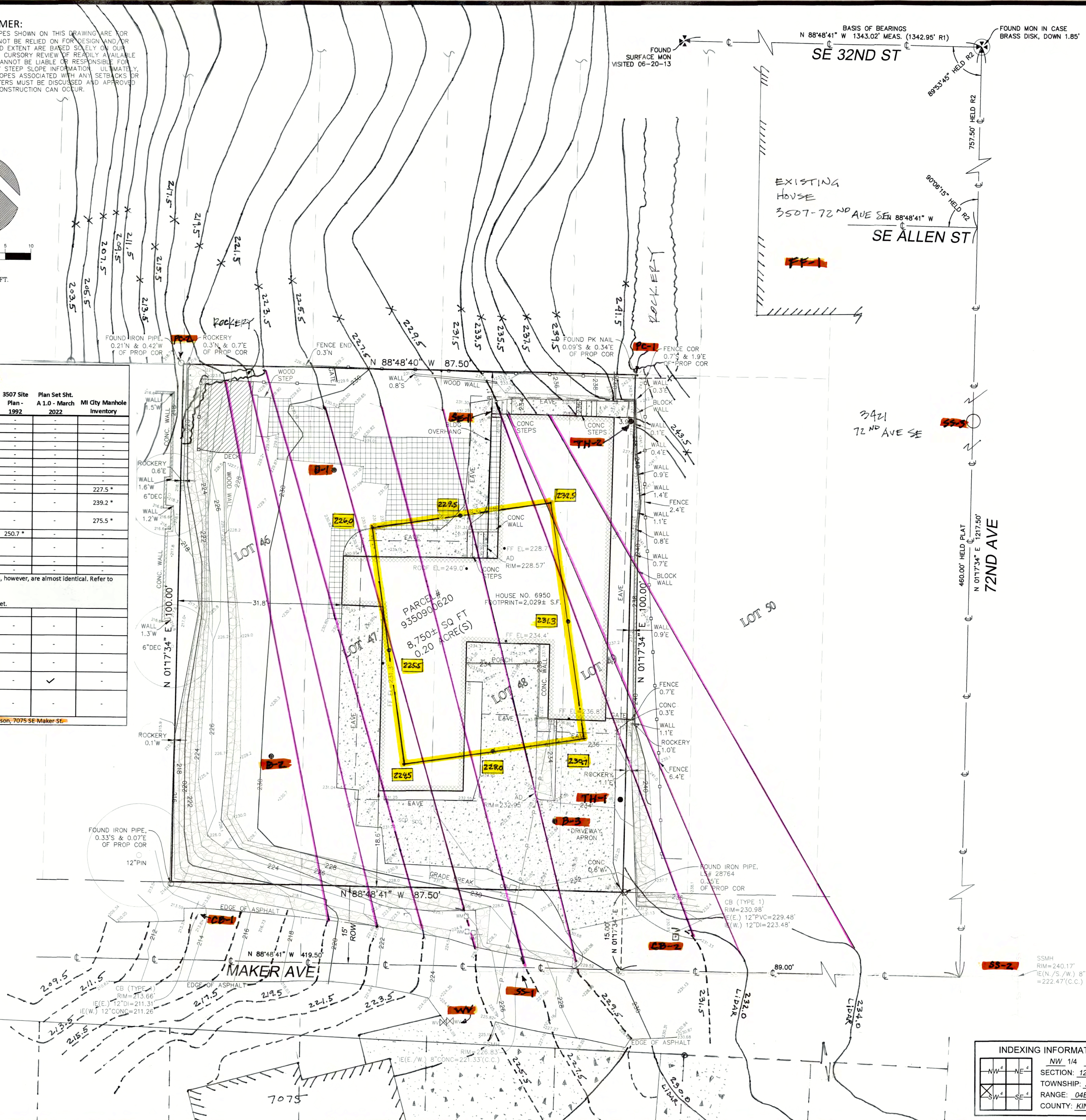
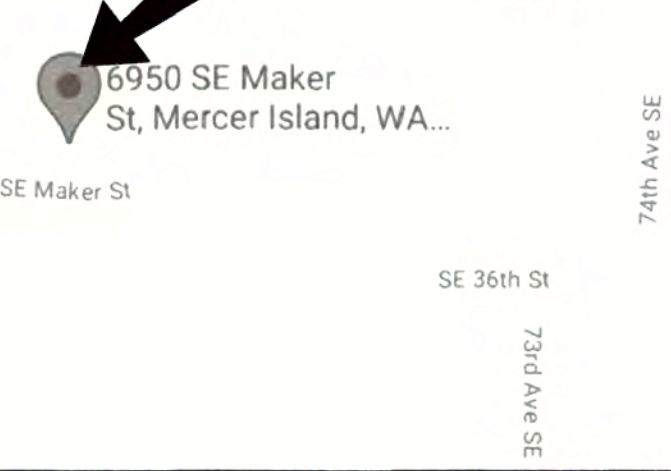
LEGEND

- AREA DRAIN
- ASPHALT SURFACE
- BUILDING
- CENTERLINE ROW
- COLUMN
- CONCRETE SURFACE
- RETAINING WALL
- DECK
- FENCE LINE (WOOD)
- GAS METER
- INLET (TYPE 1)
- MONUMENT IN CASE (FOUND)
- MONUMENT (SURFACE, FOUND)
- ROCKERY
- SEWER LINE
- SEWER MANHOLE
- STORM DRAIN LINE
- SEWER CLEANOUT
- TREE (AS NOTED)
- WATER LINE
- WATER METER
- WATER VALVE

VICINITY MAP



SITE



INDEXING INFORMATION

NW 1/4	SW 1/4
SECTION: 12	TOWNSHIP: 24N
RANGE: 04E, W.M.	COUNTY: KING

TOPOGRAPHIC & BOUNDARY SURVEY
PARCEL NO. 9350900620
STRAND RESIDENCE
6950 SE MAKER STREET
MERCER ISLAND, WA 98040



Terrane
10801 Main Street, Suite 102, Bellevue, WA 98004
phone 425-458-4488 support@terrane.net
www.terrane.net

JOB NUMBER: 210007
DATE: 05/27/2021
DRAFTED BY: RSN
CHECKED BY: TBR / JGM
SCALE: 1" = 10'
REVISION HISTORY

NO.	DESCRIPTION

SHEET NUMBER
1 OF 1

measure success