

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

BOUNDARY SURVEY 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. ALL MONUMENTS WERE LOCATED DURING THIS SURVEY UNLESS OTHERWISE NOTED.
4. ENCROACHMENTS NOTED AS "IN" OR "OUT" ARE RELATIVE TO THE SUBJECT PROPERTY.
5. FENCE DIMENSIONS ARE GENERALLY TO THE CENTERLINE OF THE FENCE UNLESS OTHERWISE NOTED.
6. STRUCTURE LOCATIONS ARE MEASURED TO THE FINISHED FASCIA UNLESS OTHERWISE NOTED.
7. TREE LOCATIONS ARE MEASURED TO THE ESTIMATED CENTER OF THE TREE.
8. ALL DIMENSIONS ARE IN DECIMAL FEET.

PROJECT INFORMATION

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

PROPERTY OWNER: WAN TING ALICE CHAU & KA WING KEVIN LOO
4124 94TH PL SE
MERCER ISLAND, WA 98040

TAX PARCEL NUMBER: 546060-0020

PROJECT ADDRESS: 4124 94TH PL SE
MERCER ISLAND, WA 98040

PARCEL AREA: 12,351 S.F. (0.284 ACRES ±)
AS SURVEYED

LEGAL DESCRIPTION

LOT 2 OF MERCERWOOD DIVISION NO. 10, ACCORDING TO THE PLAT THEREOF RECORDED IN VOLUME 80 OF PLATS, PAGE 100, RECORDS OF KING COUNTY WASHINGTON.

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

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.

BASIS OF BEARINGS

PER THE PLAT OF MERCERWOOD DIVISION NO. 10, ACCORDING TO THE PLAT THEREOF RECORDED IN VOLUME 80 OF PLATS, PAGE 100, RECORDS OF KING COUNTY WASHINGTON.

ACCEPTED THE BEARING OF N 4°09'56" E FOR 95TH AVE SE BASED ON FOUND MONUMENTS IN CASE.

TOPOGRAPHIC SURVEY NOTES

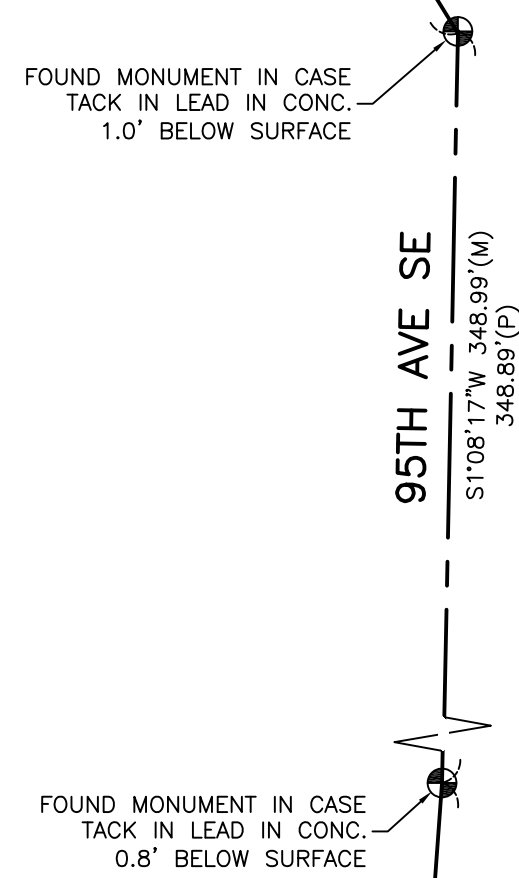
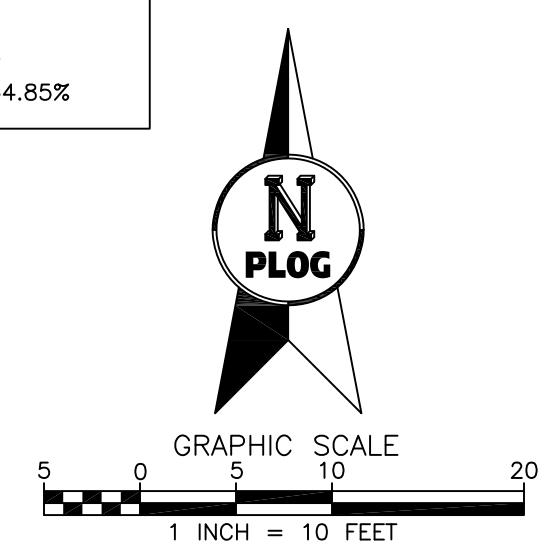
1. UTILITIES SHOWN ON THIS SURVEY ARE BASED UPON ABOVE GROUND OBSERVATIONS, UTILITY LOCATES BY THIRD PARTIES, AND AS-BUILT PLANS WHERE AVAILABLE. ACTUAL LOCATIONS OF UNDERGROUND UTILITIES MAY VARY AND UTILITIES NOT SHOWN ON THIS SURVEY MAY EXIST ON THIS SITE.
2. CONTOURS SHOWN ARE BASED ON A FIELD SURVEY.
3. 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.

PERMITTING NOTES

CURRENT LOT COVERAGE:
ALL EXISTING SURFACES: 3,892 SF
LOT AREA: 12,351 SF

COVERAGE = 3,892/12,351 X 100% = 31.51%

LOT SLOPE CALCULATION:
HIGH POINT: SW CORNER ELEV=318.77
LOW POINT: SE CORNER ELEV=267.59
DISTANCE BETWEEN HIGH/LOW POINTS=146.84 FT
SLOPE = (318.77-267.59)/146.84 X 100% = 34.85%



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
ND	=	WOOD
CL	=	CHAIN LINK
(M)	=	AS MEASURED
(C)	=	AS CALCULATED
(P)	=	PER PLAT
(D)	=	PER DEED
(R#)	=	PER REFERENCE SURVEY
(H)	=	HELD

PLOG ENGINEERING
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SW1/4, NE1/4, SEC18, TWP 24N, RNG 5E, W.M.
BOUNDARY & TOPOGRAPHIC SURVEY

ALICE CHAU
4124 94TH PL SE
MERCER ISLAND, WA 98040

PROJECT NO.: 207-22	REVISION DATE: 10/27/2022	REVISION NO.: 0	SHEET: 1 OF 1
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