

**Department of Local Services
Permitting Division**

**Residential Site Plan Template
11" x 17"**

For Permitting Use

Received Date _____

Max. Impervious Surface Allowed _____

Max. Bldg. Height Allowed _____

Min. Bldg. setback from Street _____

Min. Garage setback from Street _____

Min. Bldg. setback from Interior _____

Signature _____

Date _____

Building Approval

Signature _____

Date _____

Engineering / Drainage Approval

Signature _____

Date _____

Critical Areas Approval

Signature _____

Date _____

Clearing / Grading Approval

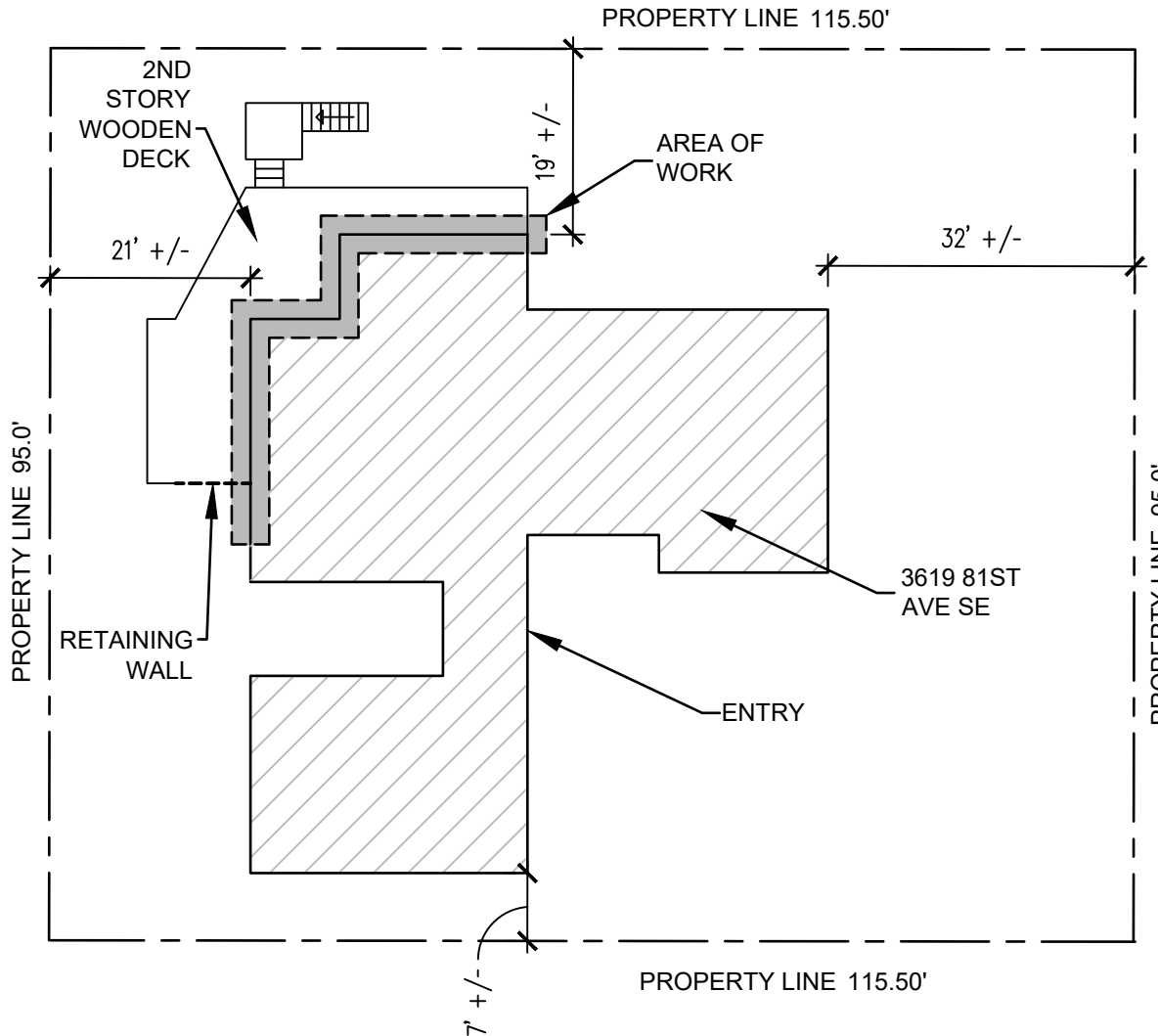
Signature _____

Date _____

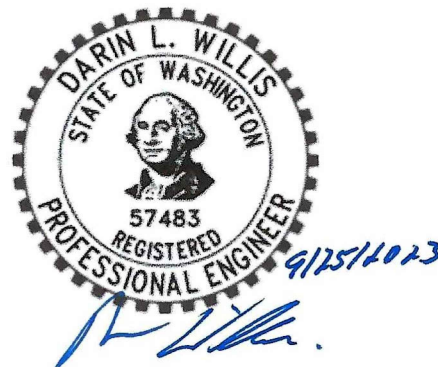
Fire Approval

Signature _____

Date _____



SITE PLAN



PARCEL DETAILS

NUMBER: 445770-0110
OWNER: LEE CHRISTOPHER & JANICE
SITE ADDRESS: 3619 81ST AVE SE, MERCER ISLAND, WA 98040
LEGAL DESCRIPTION: LUCAS HILL ADD
PLAT BLOCK: 2
PLAT LOT: 4

FOUNDATION NOTES

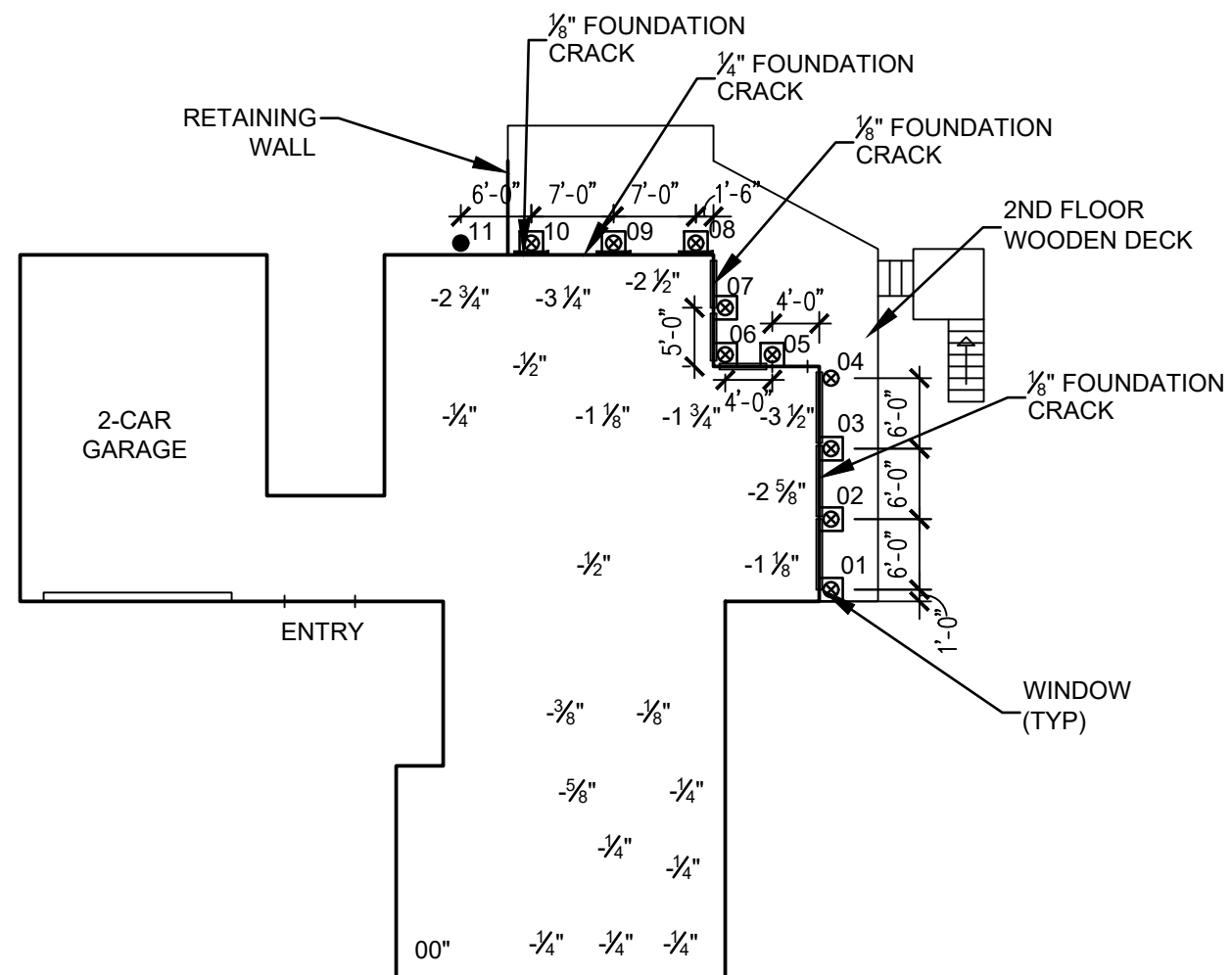
1. VERIFY ALL FOUNDATION DIMENSIONS ON SITE.
2. FOUNDATION DIMENSIONS ARE FROM OUTSIDE FACE OF CONCRETE STEM WALL
3. MINIMUM PILE DIAMETER TO BE 2 7/8".
4. PROPERTY LINE DIMENSIONING APPROXIMATED BY KING COUNTY MAPPING TOOLS. NOT INTENDED FOR LEGAL USE.
5. AREAS SEPARATE FROM PROJECT LOCATION TO REMAIN UNDISTURBED BY INSTALLATION.
6. TEMPORARY CUTS MADE TO INSTALL PILES SHALL NOT ENCROACH UPON THE NEIGHBORING PROPERTIES.
7. SITE DISTURBANCE AND CONSTRUCTION WILL NOT OCCUR BETWEEN OCTOBER 1 AND APRIL 1 WITHOUT AN APPROVED WAVIER APPLICATION

NOTES:

1. LOT AREA 10,973 SF. NO PROPOSED CHANGE IN LOT COVERAGE.
2. ALL HOLES ARE EXCAVATED NEXT TO THE STRUCTURE FOUNDATION.
3. THE TOTAL AREA OF EXCAVATED HOLES < 50 SQFT

REVISION:

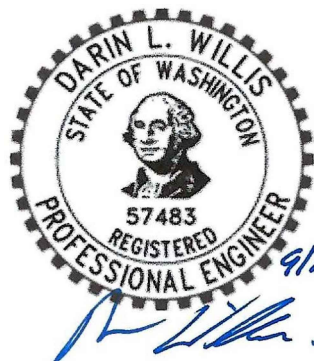
09/25/2023 NOTE



FOUNDATION & ELEVATION ASSESSMENT PLAN

LEGEND

- 3/4" ---- FLOOR ELEVATIONS TAKEN BY RAM JACK ON 06/30/2023
- ⊗ ---- HELICAL STEEL PILES (15.0 KIP CAPACITY)
- ⊠ ---- HELICAL STEEL PILES THROUGH CONCRETE (15.0 KIP CAPACITY)
- ---- DRIVEN STEEL PILES (26.0 KIP CAPACITY)
- ---- L6"x6"x3/8" x 3'-0" STEEL ANGLE



NORTHWEST ENGINEERING GROUP

P.O. BOX 10393
EUGENE, OR 97440 (541) 393-7363

CHRISTOPHER LEE
3619 81ST AVE SE
MERCER ISLAND, WA

SCALE:
1/16" = 1'-0"

SHEET:
SK-1

DATE:
09/25/2023

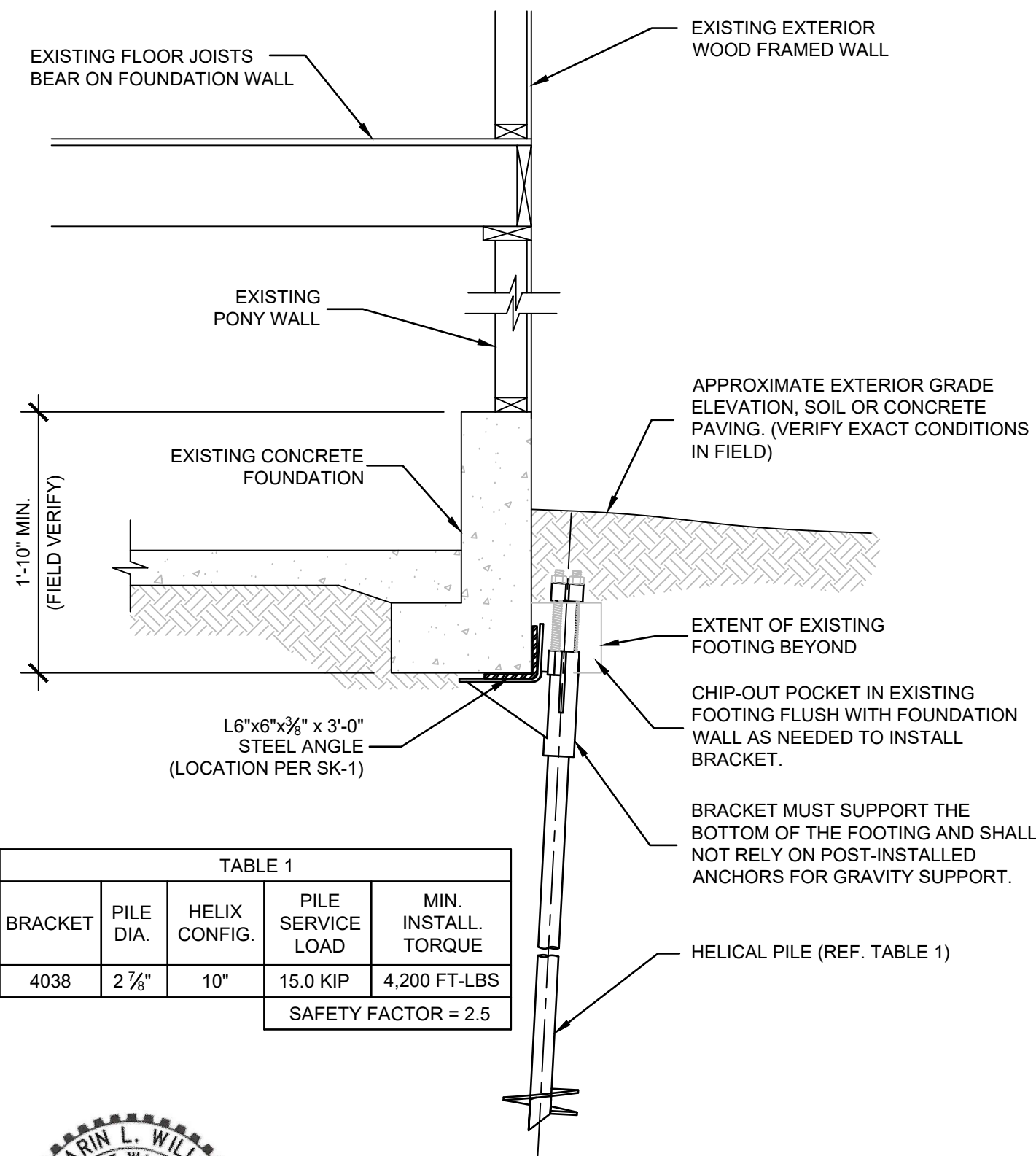
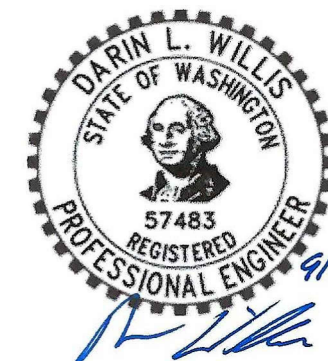


TABLE 1				
BRACKET	PILE DIA.	HELIX CONFIG.	PILE SERVICE LOAD	MIN. INSTALL. TORQUE
4038	2 7/8"	10"	15.0 KIP	4,200 FT-LBS
SAFETY FACTOR = 2.5				



TYPICAL HELICAL PILE DETAIL @ EXTERIOR GRADE BEAM (PILE 01-10)

NORTHWEST ENGINEERING GROUP

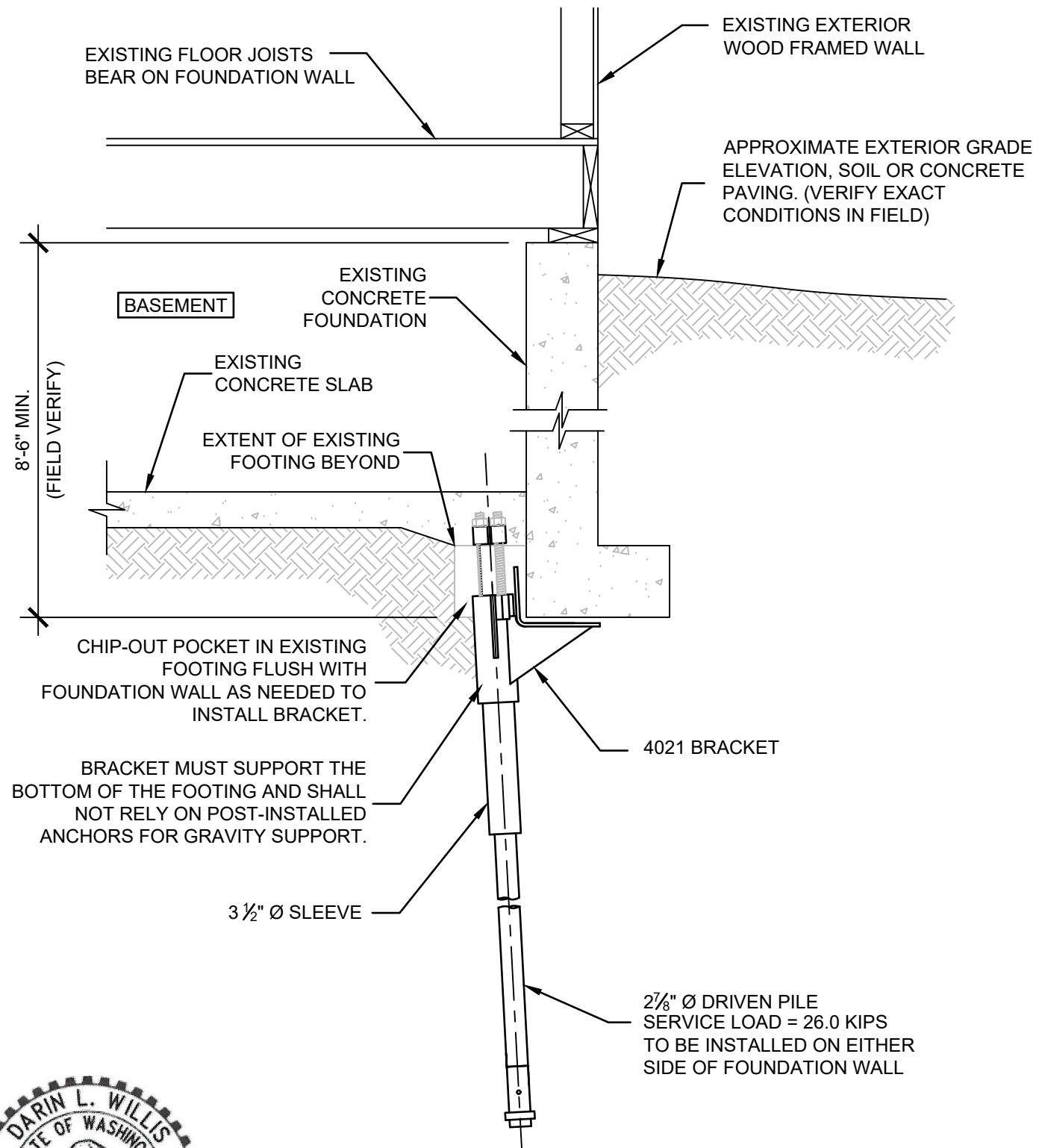
P.O. BOX 10393
EUGENE, OR 97440 (541) 393-7363

CHRISTOPHER LEE
3619 81ST AVE SE
MERCER ISLAND, WA

SCALE:
3/4" = 1'-0"

SHEET:
SK-2

DATE:
09/25/2023

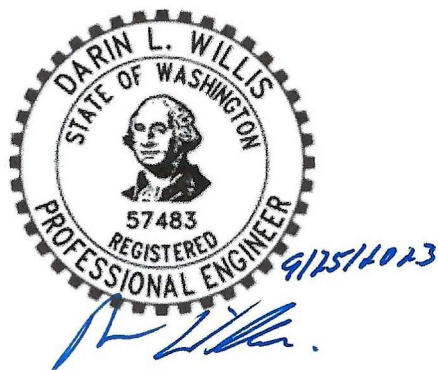


8'-6" MIN.
(FIELD VERIFY)

CHIP-OUT POCKET IN EXISTING FOOTING FLUSH WITH FOUNDATION WALL AS NEEDED TO INSTALL BRACKET.

BRACKET MUST SUPPORT THE BOTTOM OF THE FOOTING AND SHALL NOT RELY ON POST-INSTALLED ANCHORS FOR GRAVITY SUPPORT.

TYPICAL DRIVEN PILE DETAIL
@ EXTERIOR RETAINING WALL (PILE 11)



NORTHWEST ENGINEERING GROUP P.O. BOX 10393 EUGENE, OR 97440 (541) 393-7363	CHRISTOPHER LEE 3619 81ST AVE SE MERCER ISLAND, WA	SHEET: SK-3
	SCALE: 3/4" = 1'-0"	DATE: 09/25/2023