

PROJECT ADDRESS:
29821 108TH AVENUE SE
AUBURN, WASHINGTON

PROJECT DESCRIPTION:
PUSH PIERS/HELICAL ANCHORS ARE TO BE VOLUNTARILY
INSTALLED TO PREVENT FURTHER SUBSIDENCE OF THE EXISTING
BLDG. TIE-BACKS ARE NOT REQUIRED.

LAND USE NOTE:
PILE INSTALLATIONS ARE SUBGRADE & DO NOT AFFECT THE
EXTERIOR APPEARANCE OF THE STRUCTURE.

DESIGN CRITERIA:

CODES:
2018 INTERNATIONAL BUILDING CODE
ASCE 7-16

DESIGN LOADS:
ROOF DEAD LOAD: 20 PSF
ROOF SNOW LOAD: 25 PSF
FLOOR DEAD LOAD: 15 PSF
FLOOR LIVE LOAD: 40 PSF
WIND LOAD: NOT APPLICABLE

SOILS:
ALLOWABLE SOIL BEARING: 1500 PSF
ALLOWABLE SOIL PASSIVE: 100 PSF/FT

GENERAL:
ALL DETAIL CUTS SHALL BE CONSIDERED TYPICAL AT LIKE
CONDITIONS. WHERE ANY DISCREPANCIES OCCUR BETWEEN PLANS,
DETAILS, NOTES AND SPECIFICATIONS, THE GREATER REQUIREMENT
SHALL GOVERN.

ESTABLISH AND VERIFY ALL GEOMETRY FOR ARCHITECTURAL,
MECHANICAL, ELECTRICAL, AND PLUMBING CONCERNS PRIOR
TO CONSTRUCTION.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE
STRUCTURAL STABILITY OF ALL NEW AND EXISTING STRUCTURES
DURING CONSTRUCTION. THIS INCLUDES EXCAVATIONS, COLUMNS,
EQUIPMENT LOADS, MATERIAL LOADS, AND OTHERS. OBSERVATIONS
BY THE ENGINEER- OF-RECORD DO NOT INCLUDE INSPECTIONS OF
TEMPORARY LOADING AND STABILITY DURING CONSTRUCTION.

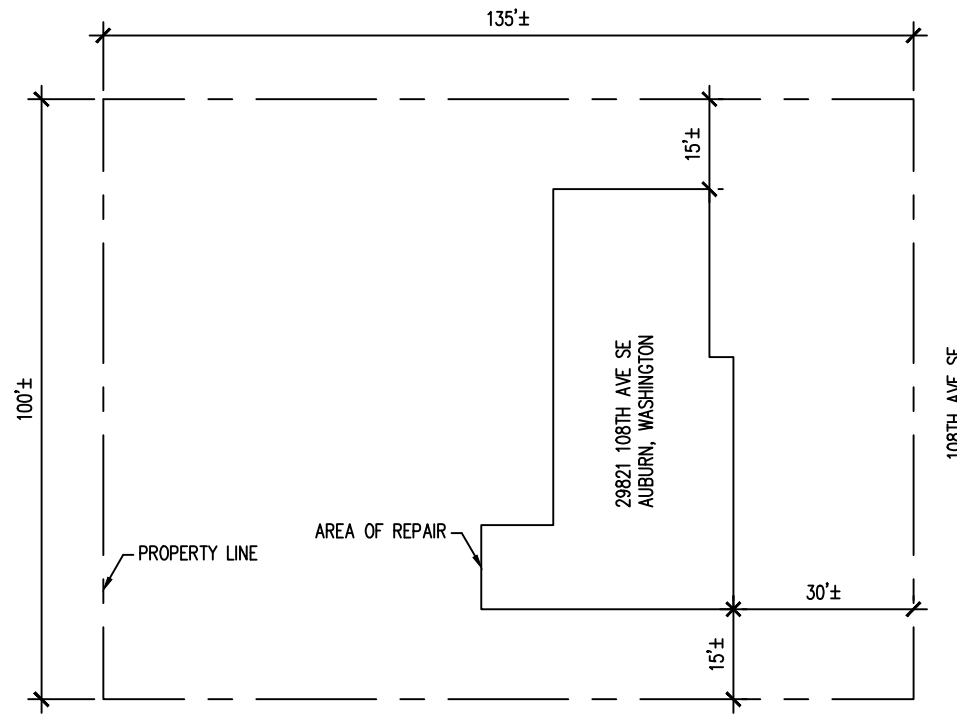
HELICAL AND DRIVEN PILES:
ALL PILES, HELICAL BLADES, FOUNDATION BRACKETS,
HARDWARE, ETC., SHALL BE MANUFACTURED BY SUPPORTWORKS,
INC., AND DOCUMENTED IN UES EVALUATION REPORT 289. DRIVEN
& HELICAL PILES ARE TO BE INSTALLED BY
SUPPORTWORKS-CERTIFIED INSTALLERS.

CONCRETE ANCHORS:
CONCRETE ANCHORS (IF REQ'D) SHALL BE SIMPSON OR EQUAL
(SPECIAL INSPECTION REQUIRED)

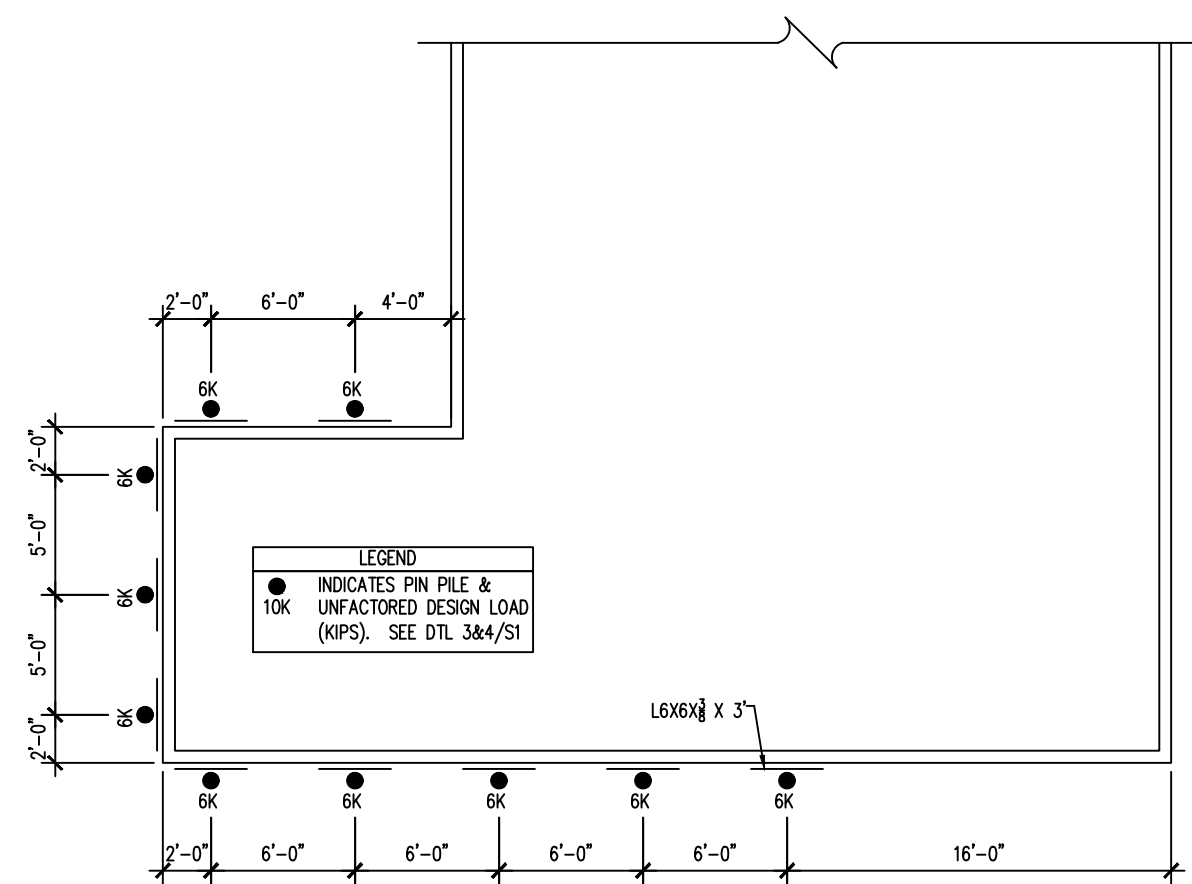
SPECIAL INSPECTIONS:
SPECIAL INSPECTIONS OF PILE INSTALLATIONS SHALL BE
CONTINUOUS & PERFORMED ACCORDING TO UES ER 289, SECTION
3.4.

TABLE 1704.8
REQUIRED VERIFICATION AND INSPECTION OF HELICAL PIERS

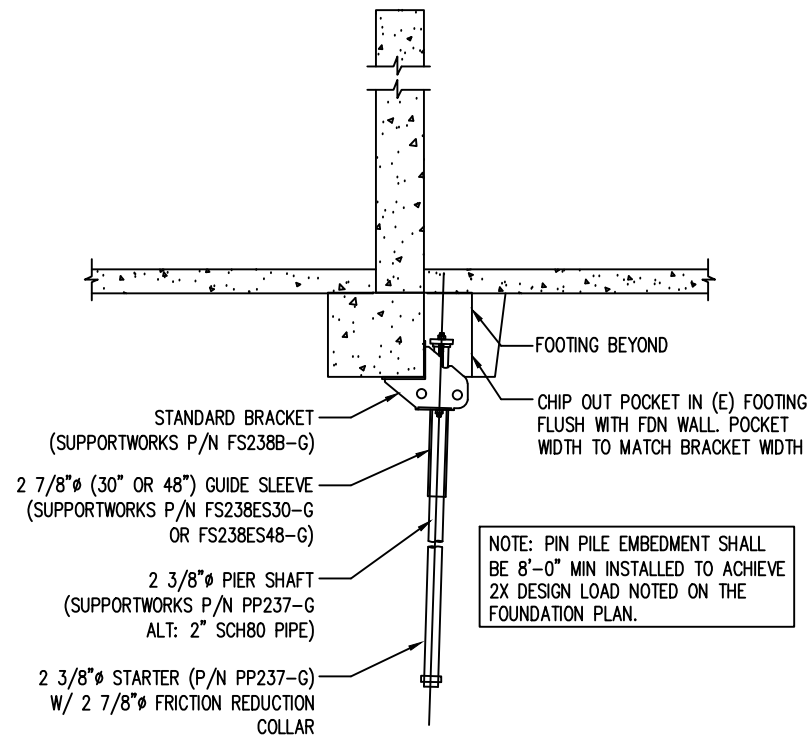
VERIFICATION AND INSPECTION TASK	CONTINUOUS DURING TASK LISTED	PERIODICALLY DURING TASK LISTED
VERIFY AND DOCUMENT PILE AND BRACKET NUMBERS.	X	—
OBSERVATION OF THE FIRST INSTALLATION'S LOCATION, EMBEDMENT DEPTH, AND FINAL INSTALLATION TORQUE VALUE.	X	—
LOG BOOK FOR REMAINING INSTALLATIONS WILL BE VERIFIED.	X	—



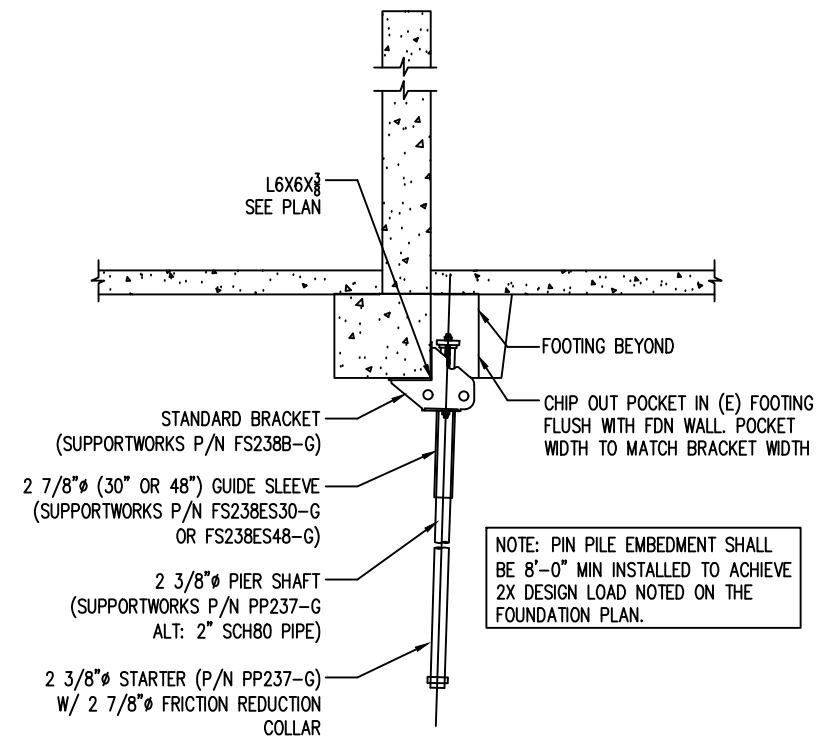
1 SITE PLAN
SCALE: 1/32"=1'-0"



2 PARTIAL FOUNDATION REPAIR PLAN
SCALE: 1/8"=1'-0"



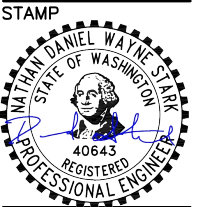
3 2 3/8"Ø PIN PILE DETAIL
SCALE: 3/8"=1'-0"



4 2 3/8"Ø PIN PILE DETAIL
SCALE: 3/8"=1'-0"



4400 NE 77TH AVE
SUITE 275
VANCOUVER, WA 98662
360.566.7343



NO	REVISIONS	BY	DATE

CLIENT
TERRAFIRMA
FOUNDATION SYSTEMS
13110 SW WALL ST
PORTLAND, OR 97223

PROJECT

FOUNDATION REPAIR
29821 108TH AVENUE SE
AUBURN, WASHINGTON

PROJ NO.: 21.017.TFS
ISSUED: 01.28.21
DRAWN BY: ACS
CHECKED BY: ACS
SHEET TITLE

SITE
LAYOUT
& NOTES

SHEET NUMBER

S1.0