



Land Use Planning Division
 1600 SE 190th Ave, Ste 116
 Portland OR 97233
 Ph: 503-988-3043 Fax: 503-988-3389
 multco.us/landuse

**GEOLOGIC HAZARDS PERMIT (GHP) Form 1:
 GEOTECHNICAL RECONNAISSANCE AND STABILITY
 PRELIMINARY STUDY**

Note: Response to each question below must be completed or verified by a Certified Engineering Geologist or Geotechnical Engineer, including a State of Oregon Registration Stamp and Number in the space provided on page four. The GHP Form 1 addresses Multnomah County Code Section 39.5085(C)(3)(c); 38.5515(C)(3)(c), Geologic Hazards Permits.

Site Address: 17645 NW St Helens Road, Portland, OR, 97231

Legal Description: Section 18 2N 1W

Property Owner's Name: Native American Rehab Association of the Northwest Inc.

Firm Preparing Report: Columbia West Engineering, Inc.

Address: 8880 SW Nimbus Avenue, Suite A

City: Beaverton **State:** OR **Zip:** 97008

Preparer's Name: Brett Shipton, PE, GE

Phone Number: 503-789-3455

GENERAL PROPERTY INFORMATION

1. a. Maximum Slope on Property: ~45% Area in which it is located: McCarthy Creek ravine
 Average Slope of Property: ~30% (outside of development areas) W&SW of development
- b. Are there any wetlands or streambeds on the property? (Please Circle) Yes No
 If yes, please show on topographical survey or sketch. See attached Exhibit 1
- c. Volume of soil or earth material disturbed, stored, disposed of or used as fill: 10,600 cu. yd.
- d. Total area of proposed ground disturbance:
150,000 (square feet) 3.45 (acres)

Were building plans considered when completing this form? (Please Circle) Yes No
If yes, please note the author and date the plans were prepared.

See attached Exhibit 2.

2. What is the general topography of the property? Please attach a topographic survey or sketch with pertinent notes.

See attached Exhibit 1.

3. Are there any visible signs of instability or other potentially adverse site features (Landslides, slumps, mud flow, creep, ravines, fills, cuts, seeps, springs, ponds, etc.) within the surrounding area for a minimum distance of 100 feet beyond the subject property boundaries? Describe and indicate on attached topographic survey or sketch.

Mapped head scarp and landslide debris from prior slide outside of development area approx. See attached Exhibit 3.

There is a ravine present on the west side of the site associated with McCarthy Creek. See attached Exhibit 1.

4. Is any earthwork proposed in connection with site development?

(Please Circle) Yes No

If yes, please indicate depth and extent of cuts/fills; describe fill types.

Cuts and fills will be minimal (less than 3 feet) as prescribed in the geotechnical report.

5. In your opinion, will the proposed earthwork cause potential stability problems for the subject and/or adjacent properties?

(Please Circle) Yes No

IF YES, EXPRESS PROBABILITY:

(Please Circle) Very Probable Possibly Possible, but remote

If Very Probable or Possibly, please explain.

6. In your opinion, will the proposed development (structures, foundations, parking area, streets, etc.) create potential stability problems for the subject and/or adjacent properties?

(Please Circle) Yes No

IF YES, EXPRESS PROBABILITY:

(Please Circle) Very Probable Possibly Possible, but remote

If Very Probable or Possibly, please explain.

7. In your opinion would the subsurface disposal of sewage effluent on the site (i.e., drain fields) have an adverse affect on stability of the site or adjacent area?

(Please Circle) Yes No

IF YES, EXPRESS PROBABILITY:

(Please Circle) Very Probable Possibly Possible, but remote

If Very Probable or Possibly, please explain.

8. If answer is Very Probable or Possibly to questions 4 or 5, is it your opinion, on the basis of a visual evaluation, that adequate stability might be achieved by preferred siting of the development, alternative foundation support, earthwork, drainage, etc.?

(Please Circle) Yes No

If yes, please explain.

9. Do you recommend additional geotechnical studies (i.e., mapping, testing pits or borings, stability analysis, etc.) prior to site development?

(Please Circle)

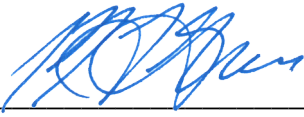
Yes

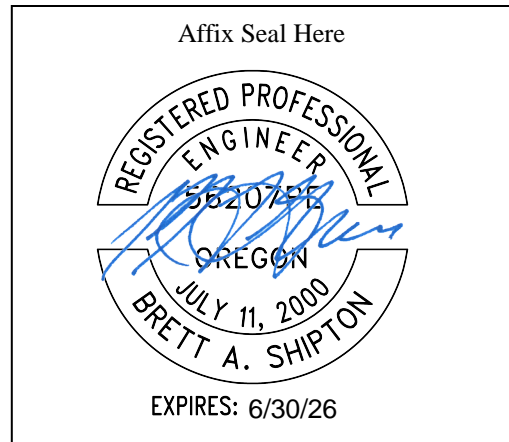
No

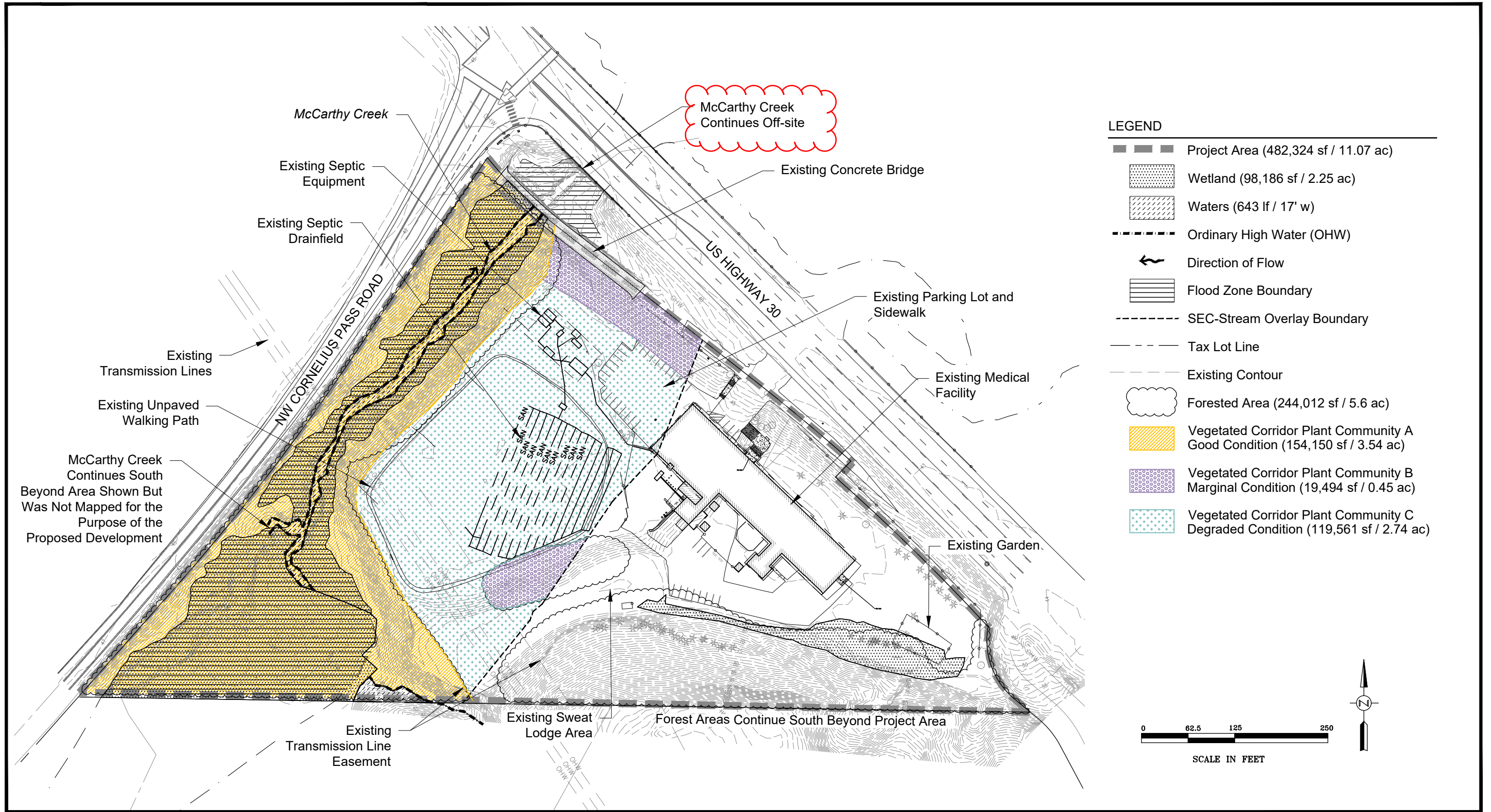
If yes, please explain.

Additional slope stability analysis will be conducted in the vicinity of sweat lodge and fire circle southwest of proposed building location. See attached Exhibit 2.

By signing and affixing the required stamp below, the Certifying Engineering Geologist or Geotechnical Engineer certifies that the site is suitable for the proposed development.

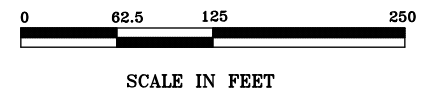
Signature 
Date 2/18/26





LEGEND

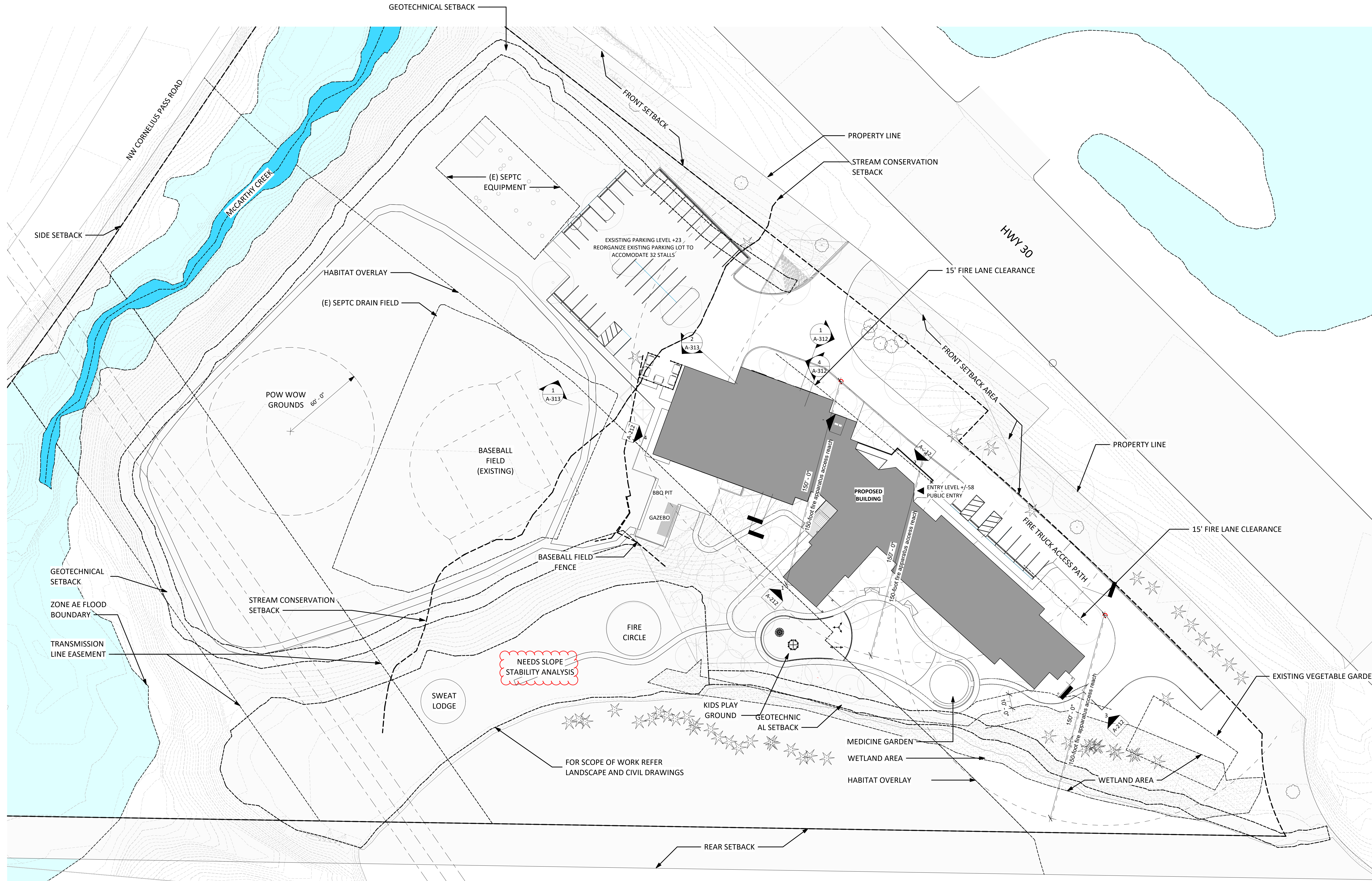
- Project Area (482,324 sf / 11.07 ac)
- ▨ Wetland (98,186 sf / 2.25 ac)
- ▧ Waters (643 lf / 17' w)
- - - Ordinary High Water (OHW)
- ↙ Direction of Flow
- ▭ Flood Zone Boundary
- - - SEC-Stream Overlay Boundary
- - - Tax Lot Line
- - - Existing Contour
- ☁ Forested Area (244,012 sf / 5.6 ac)
- ▨ Vegetated Corridor Plant Community A Good Condition (154,150 sf / 3.54 ac)
- ▨ Vegetated Corridor Plant Community B Marginal Condition (19,494 sf / 0.45 ac)
- ▨ Vegetated Corridor Plant Community C Degraded Condition (119,561 sf / 2.74 ac)



Survey provided by Tawarc and Hacker Architects.
Accuracy is sub-centimeter.

Existing Conditions, Vegetated Corridor Plant Communities, Forested and Non-Forested (Cleared Areas)
NARA NW RTC, 17645 NW St. Helens Road - Portland, Oregon

FIGURE 4

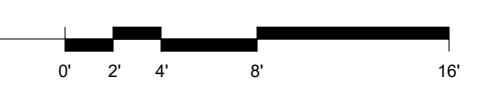


NEEDS SLOPE STABILITY ANALYSIS

FOR SCOPE OF WORK REFER LANDSCAPE AND CIVIL DRAWINGS

100% SD	2025/02/21
BUILDING GROSS AREA	
LEVEL 1:	9,852 SFT
LEVEL 2:	16,336 SFT
LEVEL 3:	13,952 SFT
TOTAL AREA:	40,140 SFT

REVISED SD SET	2025/11/18
BUILDING GROSS AREA	
LEVEL 1:	9,430 SFT
LEVEL 2:	15,415 SFT
LEVEL 3:	14,903 SFT
TOTAL AREA:	39,748 SFT



STAMP
NOT FOR CONSTRUCTION

REVISION NO. DATE

KEY PLAN - (NTS)



NARA NW
17645 NW St Helens Rd,
Portland, OR 97231
ISSUANCE
100% - REVISED SCHEMATIC DESIGN
PROJECT NUMBER
023091
DATE
251118
SCALE
1" = 30'-0"
DRAWING TITLE
SITE PLAN_NEW

EXHIBIT 3

