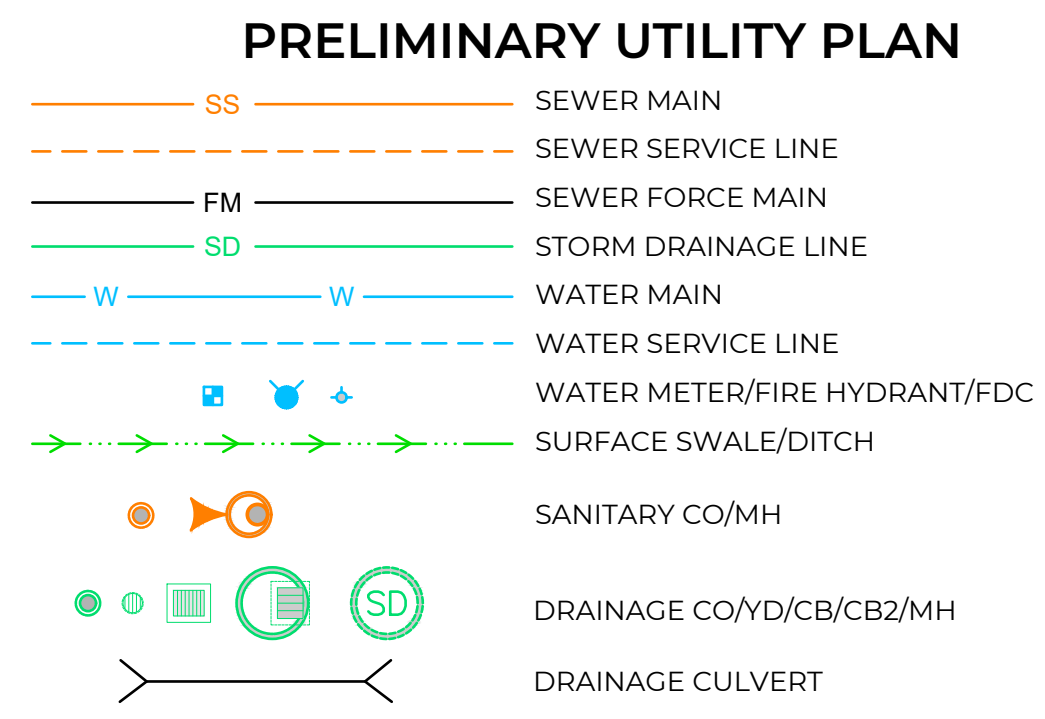
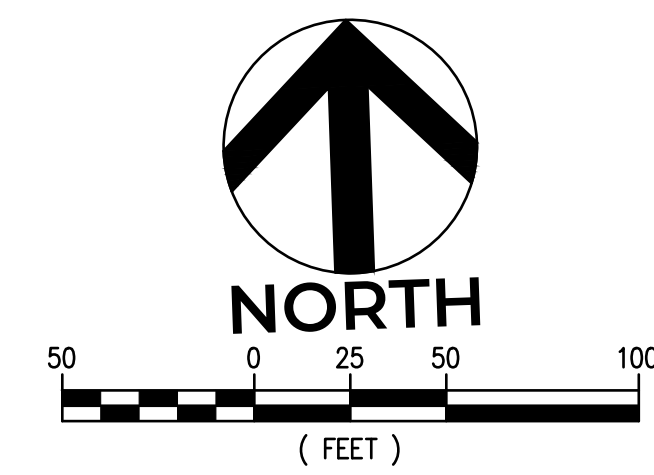
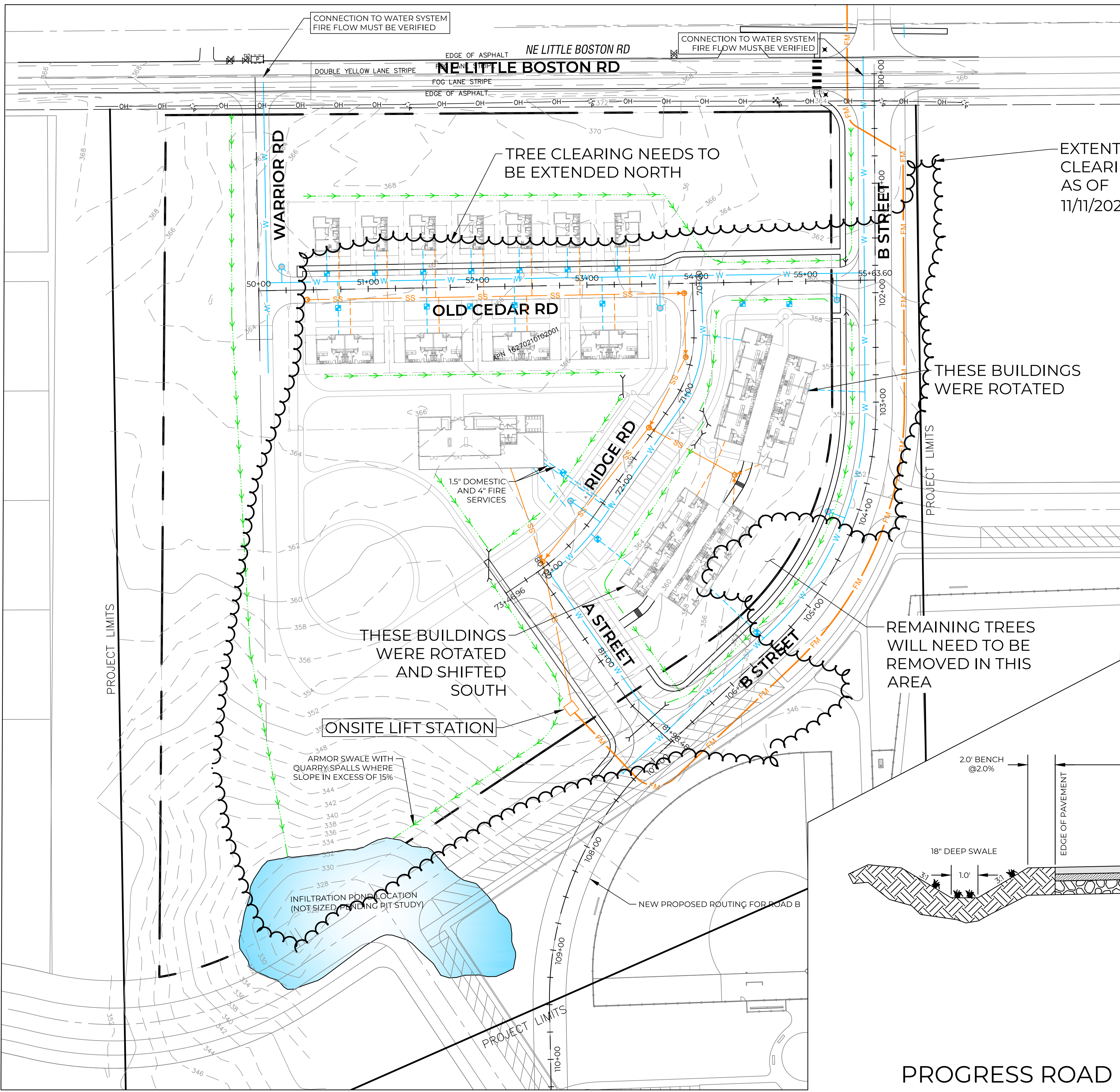
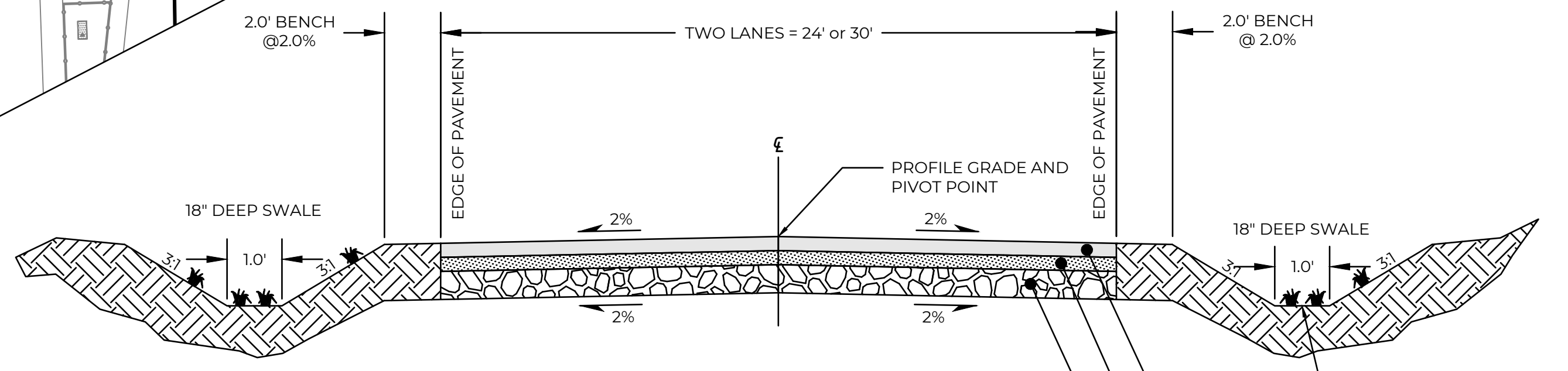


SECTION 16 TOWNSHIP 27N RANGE 2E QUARTER NE W.M.



**LIFT STATION SIZING**  
 POPULATION ASSUMED TO BE 2 PEOPLE PER DWELLING UNIT  
 30 DWELLING UNITS x 2 PEOPLE PER DWELLING UNIT = 60 PEOPLE  
 WASHINGTON DOE ORANGE BOOK STATES 100 GPD PER PERSON, 60x100 = 6,000 GPD FOR DWELLING UNITS. FOR COMMUNITY CENTER, ASSUME 60 PEOPLE PER DAY x 10 GPD PER PERSON = 600 GPD. TOTAL GPD OF 6,600 FOR BOTH DWELLING UNITS AND COMMUNITY CENTER.  
 PEAKING FACTOR = 4 (BASED ON 60 PEOPLE)  
 PEAK FLOW = DAILY FLOW/24 HRS/60 MIN x PEAKING FACTOR  
 PEAK FLOW = 6,600 GPD/24HR/60MIN x 4 = 18.5 GPM  
 BASIS OF DESIGN: D-SERIES DH502 GRINDER SERIES PUMP (2X) IN PARALLEL CONFIGURATION. 1,000 GALLON WET WELL CAPACITY @ 12,000 GPD



**TYPICAL ONSITE DRIVE AISLE**  
 SCALE: NTS

PROGRESS ROAD GRADING AND UTILITY PLAN - 10/22/2020

NO.	DATE	REVISION DESCRIPTION	BY	CHK

**DRAFT**

**35% DD**

**PRELIMINARY UTILITY PLAN**

WARRIOR RIDGE SUPPORTIVE HOUSING  
 PORT GAMBLE S'K'LALLAM TRIBE  
 PARCEL NO: 162702-1-010-2001  
 KITSAP COUNTY, WA



CHECKED BY: M. PUDISTS  
 DESIGNED BY: A. HARRIS  
 DRAWN BY: T. CALLAHAN

HORIZ. DATUM: NAD83/11  
 VERT. DATUM: NAVD88

FIRST SUBMITTAL: 10/7/2020  
 PROJECT NO: BLUE-0002

SHEET NO. 1 of 3  
 REFERENCE NO. EXH1

Plot Date: 11/13/2020 3:54 PM By: ANDREW HARRIS  
 Save Date: 11/13/2020 3:06 PM By: ANDREW HARRIS  
 I:\BLU\162702-1-010-2001-11-13 Warrior Ridge - Revised Site Plan.dwg