**GENERAL NOTES:**

- **DESIGN:** AASHTO LRFD Bridge Design Specifications, 4th Edition with California Amendments.

- **LIVE LOAD:** 240 psf equivalent to 2 feet soil weight.

- **SOIL PARAMETERS:**
  - For determination of Design Lateral Earth Pressures:
    - Backfill soil weight = __lb/ft²
  - Friction Angle = __°
  - Active Pressure coefficient, K_o =
  - Bedrock Unit Weight = __psf

- **SEISMIC PARAMETERS:**
  - k_n = _

- **STEEL: STEEL PILES:**
  - ASTM A572/A, ASTM 572M Grade 50 Min., or ASTM A36/A36W

- **REINFORCED CONCRETE (WALERS):**
  - f_y = __ksi

- **STRUCTURAL TIMBER:** Treated Douglas fir, Grade No. 1 or better. Timber to be full sawn.

- **PRESTRESSING STEEL (GROUND ANCHORS):**
  - FDL = Factored Design Load on ground anchor (kips)
  - FTL = Factored Test Load (kips)
  - L = Length of ground anchor (inches)

  - f_y = Minimum ultimate tensile strength of ground anchor steel (ksi)
  - As (Min) = Minimum cross sectional area of steel in ground anchor (square inches)
  - Steel = ASTM designations A416 (High Strength Strands)

  As (Min) = _
  FDL = __ kips
  FTL = __ kips
  LL = __ kips

- **PILE WELDING DETAIL-BUTT JOINTS**

  **NOTES:**
  1. Single vee-groove and square groove permitted for all positions.
  2. Single bevel-groove permitted for horizontal joints only.