**SEISMIC:**

- **Type 6 Wall - Table of Reinforcing Steel, Dimensions and Data**
- **Design Notes:**
  - To accompany plans dated.
  - Building Code Requirements for Masonry Structures (The 40-08 and ACI 530-08 and ACI 530-08)
  - LST = 460 psf surcharge on level ground surface or limited by guard railing location.

**Type 6A Wall**

- **Design:**
  - See and .
  - No splices are allowed on a, b, c, and d bars.
  - fy = 60,000 psi

**Type 6B Wall**

- **Concrete:**
  - Type 6B - Table of Reinforcing Steel, Dimensions and Data
  - Design Notes:
    - No.:
    - Environmental:
      - Force Effects
      - Service 1:
      - Extreme 1:
      - Normal Loading

**Retaining Wall Type 6 (Case 2)**

**Notes:**

1. For details not shown at "6A," see "6B." Similarly, for details not shown at "6B," see "6A."
2. Design loading for both Type "6A" and "6B" is as shown at "6A."
3. Type 6 retaining wall shall be limited to use for walls of Design No. 6-0 or less.
4. Where profile is adjacent to the top of wall, guard railing should be set back from the top front face of wall at least 4'-6" or 6'-0", dependent on wall type.
5. For reinforced concrete wall stem joint details, see .
6. No apices are allowed on a, b, c, and d bars.
7. See "Retaining Wall Type 6 Details" sheet for elevation view and footing step details.
8. Vertical Earth Pressure From Earth Fill Height
9. Live Load Subsequently Limited by Guard Railing Location

**Symbols:**

- **Serv = service limit state 1**
- **Syr = strength limit state 1**
- **Exvr = extreme event limit state**
- **B" = effective footing width (R)**
- **qo = net bearing stress (kcf)**
- **qo = gross uniform bearing stress (kcf)**

**Design Notes:**

- Service 1:
  - 0 = 1,000+<br>
  - Extreme 1:
    - 1,100+<br>

- Masonry:
  - fy = 60,000 psi
  - fy = 60,000 psi

- **Soil:**
  - d = 36"<br>
  - k = 120 psf

- **Reinforced Concrete:**
  - f'c = 3,000 psi
  - f'c = 3,000 psi

- **Construction:**
  - Wall at least 4'-0" or 6'-0", dependent on wall type.
  - fy = 60,000 psi

- **NOT REQUIRED**
- Intersections
- Concrete Stem
- Reinforced Concrete

- **Design Notes:**
  - Exception
  - See 6A.
  - Type 6B - Table of Reinforcing Steel, Dimensions and Data

- **Masonry:**
  - 3'-0"<br>
  - 4'-0"<br>
  - 5'-0"<br>
  - 6'-0"

- **Concrete Stem:**
  - #5 @ 16"