**SECTION A-A**

- **ELEVATION**

  - **90 kip AND 140 kip**
    - **DESIGN CAPACITY**

  - **200 kip**
    - **DESIGN CAPACITY**

  1. Reinforcement extending into footing shall be hooked as required to provide clearance to top of footing.
  2. Piles shall be extended only in accordance with details shown on the Project Plans.

**NOTES:**

1. Reinforcement extending into footing shall be hooked as required to provide clearance to top of footing.
2. Piles shall be extended only in accordance with details shown on the Project Plans.

**DESIGN CAPACITY**

- **COMPRESSION**
  - 90 kip (Service state)
  - 140 kip (Nominal axial structural resistance)
  - 280 kip (Nominal axial structural resistance)

- **TENSION**
  - 56 kip (Service state)
  - 140 kip (Nominal axial structural resistance)
  - 200 kip (Nominal axial structural resistance)

- **200 kip PILE**
  - 200 kip (Service state)
  - 400 kip (Nominal axial structural resistance)

- **TENSION**
  - 80 kip (Service state)
  - 200 kip (Nominal axial structural resistance)

**REINFORCED CONCRETE**

- \( f_y = 60,000 \text{ psi} \)
- \( f_c = 4,000 \text{ psi} \)

**DESIGN NOTES:**

- **2015 STANDARD PLAN B2-3**

**STATE OF CALIFORNIA**

**DEPARTMENT OF TRANSPORTATION**

**16" AND 24"**

**CAST-IN-DRILLED-HOLE CONCRETE PILE**

**NO SCALE**

**Amir M. Malek**

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