### GENERAL NOTES (TYPE 2 FOUNDATION)

1. **There shall be a minimum of one test boring required at the approximate foundation location to confirm the geotechnical profile and stability of the soils providing foundation support. The location and number of test borings shall be determined by the Engineer.**

2. **The circular shaft foundation shall be constructed in either a drilled hole or an excavated hole where the soil profile allows.**

3. **The evaluation of the lateral capacity of a drilled shaft foundation shall be based on the soil profile and the maximum anticipated lateral force.**

4. **The evaluation of the lateral capacity of an excavated hole shall be based on the soil profile and the maximum anticipated lateral force.**

5. **The evaluation of the lateral capacity of a precast concrete foundation shall be based on the soil profile and the maximum anticipated lateral force.**

6. **The evaluation of the lateral capacity of a reinforcing schedule shall be based on the soil profile and the maximum anticipated lateral force.**

7. **The evaluation of the lateral capacity of an anchor rod shall be based on the soil profile and the maximum anticipated lateral force.**

### EXCAVATED HOLES

1. **As an alternative to a directly driven hole, the circular shaft foundation shall be constructed in an excavated hole. The excavated hole shall be constructed to the required depth and shall be filled with concrete.**

2. **The excavated hole shall be kept level to the foundation type and shall be kept free from debris.**

3. **The excavated hole shall be kept free from debris and shall be kept free from water.**

4. **The excavated hole shall be filled with concrete to the required depth and shall be kept free from moisture.**

### TABLE

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Length</th>
<th>Quantity Per Shaft Length (Min)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9'-3&quot;</td>
<td>9'-3&quot;</td>
<td>342</td>
</tr>
<tr>
<td>8'-6&quot;</td>
<td>8'-0&quot;</td>
<td>556</td>
</tr>
<tr>
<td>3'-0&quot;</td>
<td>3'-0&quot;</td>
<td>608</td>
</tr>
</tbody>
</table>

### REFERENCES

1. **The reinforcing schedule shall be determined by the Engineer.**

2. **The anchor rod shall be kept free from moisture and shall be kept free from debris.**

3. **The anchor rod shall be kept free from moisture and shall be kept free from debris.**

4. **The anchor rod shall be kept free from moisture and shall be kept free from debris.**

### FOOTNOTES

- **ITEM NUMBERS ARE FOR SPECIFICATION REFERENCE ONLY. NO SEPARATE PAYMENT WILL BE MADE FOR THESE ITEMS.**

- **BASE SET ACCORDING TO #5 F2 (SEE REINFORCING SCHEDULE TABLE FOR SPACING).**

- **ANCHOR RODS SHALL BE STRAIGHT RODS AND CONFORM TO ASTM F1554 GRADE 50 (MIN.).**

- **BENT (HOOKED OR J-BOLT) ANCHOR RODS SHALL NOT BE USED. END OF THE ANCHOR ROD SHALL HAVE EITHER ONE NUT TACKED WELDED OR DOUBLE NUTS.**

- **ANCHOR RODS SHALL BE STRAIGHT RODS AND CONFORM TO ASTM F1554 GRADE 50 (MIN.).**

- **ANCOR RODS SHALL BE STRAIGHT RODS AND CONFORM TO ASTM F1554 GRADE 50 (MIN.).**

### DRAWN TO SCALE

- **ELEVATION VIEW**

- **SECTION F-F**

- **SCREEN DETAIL**

- **TRAFFIC SIGNAL STANDARD**

- **Traffic Signal Mast Arm Foundation - Type 2**

- **STANDARD PLAN**

- **TRAFFIC SIGNAL STANDARD**

- **Traffic Signal Mast Arm Foundation - Type 2**

- **STANDARD PLAN**