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| DOTLOGO2 | | | | | | | | | | | | | | | **Drilled Shaft Qualifications**  **and Installation Plan** | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | |
| Structure Number: | | | |  | | | | | | | Completed by: | | |  | | | | | | Route: |  | | |
| Abutment/Pier No.(s): | | | | |  | | | | | District Reviewer: | | | |  | | | | | | Section: |  | | |
| Shaft Diameters and Lengths: | | | | | | | |  | | | | | | | | | | | | County: |  | | |
| Closest Boring(s): | | |  | | | | | | | | | | | | | | | | | Contract: |  | | |
|  | | | | | | | | | | | | | | | | | | | | | | | |
| **Contractor Qualifications:** | | | | | | | | | | | | | | | | | | | | | | | |
| General Contractor: | |  | | | | | | | | | | | | | | Drilled Shaft Contractor: | | |  | | | | |
| Drilled Shaft Supervisor: | | | | | |  | | | | | | | Experience: | | |  | Rig Operator: |  | | | | Experience: |  |
| Reference 1: |  | | | | | | | | | | | | | | | | | | | | | | |
| Reference 2: |  | | | | | | | | | | | | | | | | | | | | | | |
| Reference 3: |  | | | | | | | | | | | | | | | | | | | | | | |
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| **Installation Procedure:** | | | | | | | | | | | | | | | | | | | | | | | |
| **Equipment** | | | | | | | | | | | | | | | | | | | | | | | |
| Drill Rig - Manufacturer, Model & Capacity | | | | | | | | | | | |  | | | | | | | | | | | |
| Crane - Manufacturer, Model & Capacity | | | | | | | | | | | |  | | | | | | | | | | | |
| Excavation Tools – Augers, Core Barrels, Diameter(s), Types, etc. | | | | | | | | | | | |  | | | | | | | | | | | |
| Casing – Diameters, Lengths, Perm/Temp | | | | | | | | | | | |  | | | | | | | | | | | |
| Slurry – Pumps, Desanding, Tanks, etc. | | | | | | | | | | | |  | | | | | | | | | | | |
| Cleaning – Air Lifts, Muck Buckets, Pumps | | | | | | | | | | | |  | | | | | | | | | | | |
| Concrete – Pump, Hopper, Tremie Dia. | | | | | | | | | | | |  | | | | | | | | | | | |
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| **General Sequence** | | | | | | | | | | | | | | | | | | | | | | | |
| Substructure Sequence and Sequence Within Footings | | | | | | |  | | | | | | | | | | | | | | | | |
| Min. Strength or Delay Before Drilling Next to Recent Shaft | | | | | | |  | | | | | | | | | | | | | | | | |
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| **Shaft Excavation** | | | | | | | | | | | | | | | | | | | | | | | |
| Drilling & Casing Installation  and Removal Sequence (diameters and elevations) | | | | | | | | |  | | | | | | | | | | | | | | |
| Slurry - Type, Mix/circulate  Methods, Desanding, Testing | | | | | | | | |  | | | | | | | | | | | | | | |
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| **Shaft Cleaning and Inspection** | | | | | | | | | | | | | | | | | | | | | | | |
| Methods used to clean the shaft excavation prior to concrete placement | | | | | | | | | | | |  | | | | | | | | | | | |
| Methods To Demonstrate Shaft Cleanliness | | | | | | | | | | | |  | | | | | | | | | | | |
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| **Rebar and Concrete Placement** | | | | | | | | | | | | | | | | | | | | | | | |
| Description of Rebar Centralizers/Spacers Placement and Cage Lifting Sling | | | | | | | | | | | |  | | | | | | | | | | | |
| Concrete Mix Design - Add Mixtures,  Max. Aggregate Size, Slump, etc. | | | | | | | | | | | |  | | | | | | | | | | | |
| Placement By Free fall, Tremie, or Pump | | | | | | | | | | | |  | | | | | | | | | | | |
| Casing & Tremie/Pump Removal Sequence | | | | | | | | | | | |  | | | | | | | | | | | |
| Overfilling and final top finishing | | | | | | | | | | | |  | | | | | | | | | | | |
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| **Disposal and Site Protection Plans** | | | | | | | | | | | | | | | | | | | | | | | |
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