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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Pile pre-pour Checklist (B59)** | | | | | | | | | | |
| Pile No.s: |  | | Piling Date: | | | | |  | | |
| Location: |  | | ITP No.: | | | | |  | | |
| **Description:** | | | Yes | | No | NA | Remarks / Comments | | | Sign off: |
| Set out is complete and in accordance with design | | | □ | | □ | □ |  | | |  |
| Pile is drilled to design toe level / depth | | | □ | | □ | □ |  | | |  |
| Pile is drilled within pile installation tolerances | | | □ | | □ | □ |  | | |  |
| Pile inclination is within specified limit (<1%) | | | □ | | □ | □ |  | | |  |
| Design socket length achieved | | | □ | | □ | □ |  | | |  |
| Hole is inspected by Geotech/Engineer/Surveliiance Office | | | □ | | □ | □ |  | | |  |
| Pile hole is stable or temporary casing is installed | | | □ | | □ | □ |  | | |  |
| Pile hole is cleaned prior to placing post/reinforcement cage | | | □ | | □ | □ |  | | |  |
| Post / Reo cage is checked as per design | | | □ | | □ | □ |  | | |  |
| Correct reinforcement cage /post is installed | | | □ | | □ | □ |  | | |  |
| Adequate spacers used to ensure minimum concrete cover is achieved (reo cages only) | | | □ | | □ | □ |  | | |  |
| Top RL of the reinforcement cage /post matches the design | | | □ | | □ | □ |  | | |  |
| Concrete is to be placed within 2 hours of release of Hold Point | | | □ | | □ | □ |  | | |  |
| GC Civil confirms that pile hole excavation is complete and verifies that the plan position, size and alignment of the casing and the pile hole conforms to the specified tolerances and other requirements of the design documentation drawings and the specifications. | | | | | | | | | | |
| **Approval to Pour – GC Civil**  **Name:** | | **Position:** | | **Signed:** | | | | | **Date:** | |
| **Approval to Pour – Client** (if required)  **Name:** | | **Position:** | | **Signed:** | | | | | **Date:** | |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Concreting Checklist (B80)** | | | | | | | | | |
| Pile No.s: |  | | | | Pour Date: | | |  | |
| Location: |  | | | | ITP No.: | | |  | |
| **Description** | | **Checklist** | | | | | **Remarks / Comments** | | |
| B80 Bridgeworks Concrete Grey Card: | | Do at least half the personnel involved in the pour have a Grey Card? Yes: □ No: □ | | | | |  | | |
| Proposed date & time for concrete placement: | | Date: ……/………/……..  Time: …………………… | | | | |  | | |
| Weather forecast checked: | | Fine / Overcast / Showers / Rain | | Temperature: ……..℃ | | |  | | |
| Concrete mix design approved: | | HP No:  …………………. | | Mix ID: ………………… | | |  | | |
| Grade: ……MPa Slump: …………mm | | | | |
| Formwork category and approval of formwork design: | | Category: □A □B □C  HP No: | | | | |  | | |
| Total concrete volume (approx.): | | ………………. m3 | | | | |  | | |
| Concrete placement rate: | | ……………….m3 / Hr | | | | |  | | |
| Concrete placement method: | | □Agi from chute  □Concrete Pump  □Agi with Kibble  □Hopper & Chute  □Tremmie  □Other (Specify) ………………. | | | | |  | | |
| Compaction method and equipment intended for the concrete placement: | | □Internal Vibrator  □External Vibrator  □Form Vibrator  □Other (Specify) ………………. | | | | |  | | |
| No. Vibrator to be used: ………………. | | | | |
| No. Vibrator on standby: ………………. | | | | |
| All these works have been inspected and in process of being in compliance to drawings, specification and relevant standards: | | □Formwork / Surface preparation  □Reinforcement  □Embedments  □Height pins / marks  □Other (Specify) ………………. | | | | |  | | |
| GC Civil confirms that that the works have been checked prior to concreting and conforms to the requirements of the design documentation drawings and the specifications.. | | | | | | | | | |
| **Approval to Pour – GC Civil**  **Name:** | | | **Position:** | | | **Signed:** | | | **Date:** |
| **Approval to Pour – Client** (if required)  **Name:** | | | **Position:** | | | **Signed:** | | | **Date:** |