**Inspection and Test Plan – Precast Concrete Elements**

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| **Project no.** | | **CC-0330** | **Project name** | Parkville Urban Realm Works | | **Date** | **10/10/2022** | | **Approved by** | Maher Moharam |
| **ITP no.** | ITP-SYM-21 | | **Revision date** | **10/10/2022** | **Plant and equipment used** | | |  | | |
| **Lot no.** |  | | **Location (chainages, detailed description or marked up plan)** | | | | |  | | |

Attach Dockets, Certificates and QA Documents to ITP

|  |  |  |  |  | **Verification of acceptance by** | | | | | **Remarks/record (eg. Test frequency reports, certificates, checklist etc)** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  | **Symal** | | | **CYP D&C JV** | |
| **Item no.** | **Activity** | **Ref docs** | **Acceptance criteria** | **Freq** | **Key** | **Resp** | **Initial/ date** | **Key** | **Sign/ date** |
| **1.0 Preliminaries, Pre-delivery** | | | | | | | | | | |
| **1.1** | Suppliers QA | VR620  Project Specs | Has the pre-pour check been completed?  Yes ☐ No ☐ N/A ☐  Has the ITP been completed supplied?  Yes ☐ No ☐ N/A ☐  Have the concrete test certificates been supplied?  Yes ☐ No ☐ N/A ☐  Has the certificate of compliance been supplied?  Yes ☐ No ☐ N/A ☐ | Upon delivery of Element | **S** | **SE/PE** |  |  |  |  Pre Pour Check   Precast element Supplier ITP   Concrete Test Certificates   Certificate of compliance |
| **1.2** | Transporting | Vicroads  620.08 | has the concrete reached its 28-day compressive strength Prior to Transport and not transported before 7 days after casting?  Yes ☐ No ☐ N/A ☐  Any defects (Cracks, chips, honeycomb etc) identified.  Yes ☐ No ☐ N/A ☐ | Upon delivery of Element | **S** | **SE/PE** |  |  |  |  |
| **1.3** | Element Detail |  | Precast element/s Reference/Type/s\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Zone\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Stage\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |  |  |  |  |  |  Attach Pictures |
| **2.0 Installation of Precast Element** | | | | | | | | | | |
| **2.1** | Excavation Permit &  Penetration Permit& Bedding | SMP  VR 602.03 | Were all identified underground services marked and potholed to confirm location and depth and no machine excavation within 1m of underground services.  Yes ☐ No ☐ N/A ☐  Relevant permits have been signed and approved.  Yes ☐ No ☐ N/A ☐  Extents and levels correct to relevant drawings  Yes ☐ No ☐ N/A ☐  50mm Blinding to be placed as required to allow working surface and protect excavation.  Yes ☐ No ☐ N/A ☐  Excavation to a total depth of \_\_\_\_\_\_\_mm | Prior to start of works | **H** | SE |  |  |  |  |
| **2.2** | Installation of precast Element and Backfilling | SMP  IFC Drawings | Has survey set out points identified and existing condition of location checked to ensure suitability of install.  Yes ☐ No ☐ N/A ☐  Has the Precast element been constructed in accordance with the IFC drawings?  Yes ☐ No ☐ N/A ☐  were topsoil placed and compacted on layers not exceeding 150mm in thickness and not exceeding 300mm in width not earlier than 3 days after concrete pour?  Yes ☐ No ☐ N/A ☐ | All stages of Install | **R** | SS |  |  |  |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Works complete (signer SS)** | |  | | | **Date works complete** | |  | | | |
| **Lot conforms (signer PE)** |  | | **Date lot closed** |  | | **NCR/s no. raised** | |  | **Date NCR closed for this lot** |  |

**Responsibility (Resp.) Key**: **PM**-Project Manager, **PE**-Project Engineer, **SE**- Site Engineer, **CS**-Civil Superintendent, **SS**-Site Supervisor, **SV**-Surveyor, **CR**-Client Representative

**NA –** Nominated Authority

**Inspection Key: W –** Witness, **H –** Hold Point, **S –** Surveillance, **R –** Review Point, **I –** Inspection Point