| **Trade/Supply Item:** | **Hydraulics – Stormwater** | **Contractor: Head Contractor:** | Fluid Contracting  BESIX Watpac | | **Location of Works:** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Reviewed by:** Blake Newton  **Project Manager:** Mick Patterson  **Contact:** 0417 162 226  **Date:** 19/03/2025 | | **Applicable Standards**  Specifications, Design Documentation and AS/NZS Standards | | | Inspections & Verification | | | | | |  |
| **WORK ACTIVITY/ SEQUENCE** | **REFERENCE**  (Aust. Standard No., Contract Clause, DRW No, Manufacturers Recommendations, BCA, DA etc) | **ACCEPTANCE CRITERIA**  (Specific requirements of Aust. Standard, Contract Clauses, Specifications, Drawings, Manufacturers Recommendations BCA, DA etc) | | | **Subcon -tractor** | **Date** | **Initial** | **Witness (Subcon -tractor)** | **Date** | **Inital** | **Comments / Records**  Record changes required to meet specification e.g. variation #, RFI #, alternative (material, process etc) used, sample approved on (date), NCR #., test reports, survey data, written approvals (letter reference) |
| SCOPE OF WORK | Subcontract documentation, specifications, design documentation and issued for construction drawings | Check documents are current & for construction  Check levels & falls | | | S |  |  | S |  |  |  |
| COMPETENCY | Recognised Australian Authorities | Trade registration | | S | |  |  | S |  |  |  |
| SET OUT | Subcontract documentation, specifications, design documentation and issued for construction drawings | Mark out pipe locations and co-ordinate with other trades. | | S | |  |  | S |  |  |  |
| PIPE SUPPORTS | Subcontract documentation and AS3500.2 Table 9.1 | Pipes to be supported as per AS3500.2 Table 9.1 | | S | |  |  | S |  |  |  |
| PIPE LAYING | Subcontract documentation AS3500.3 Clause 7.4.2 | Pipes to be laid in straight lines between changes of directions. Pipes are to be laid on base of crushed hard rock or coarse washed sand. | | S | |  |  | S |  |  |  |
| PIPING | Subcontract documentation | Check that all sealants & adhesives are compatible with pipe materials.  Pipework selection and sizes as per specifications and for construction drawings and AS 3500.  Verification that delivered products are as per specification & approved samples. | | | S |  |  | S |  |  |  |
| MARKING & LABELING | Subcontract documentation, specifications, design documentation and issued for construction drawings | Underground pipework to have identification tape installed. | | | S |  |  | S |  |  |  |
| PITS | Specifications, design documentation and issued for construction drawings | Pits to have smooth, seamless finish using steel trowel or concrete cast in steel frames. Design and for construction drawings | | | S |  |  | S |  |  |  |
| TESTING | Subcontract documentation and AS3500.3 section 10 | Hold/Witness point, invitation to inspect Hydrostatic Testing. | | | WS |  |  | S |  |  |  |
| BACKFILL COMPACTION | Subcontract documentation | Pipes are to be laid on base of crushed hard rock or coarse washed sand. The balance of the trench to be filled and compacted with selected removed spoil. | | | WS |  |  | S |  |  |  |
| FINAL TRIM/  CLEAN SITE | Area cleaned and fit for following trade commencement. | Final clean and grade site area affected by the Stormwater scope of works  Excess spoil removed from site by as per contract terms | | | S |  |  | S |  |  |  |
| FINAL INSPECTION / COMPLETION | Subcontract documentation | Verify all inspections, complete records clean and flush entire installation. CCTV of all completed pipe work. Submission to be completed and submitted to BESIX Watpac. | | | WS |  |  | S |  |  |  |
| RECORD DRAWINGS | Subcontract documentation | Provide Requirement as per contract documentation including Dimensioned, Surveyed, Falls, Locations and Components. Provide verifications of testing.  Hydraulic Consultant (LCI) invitation to inspect. | | | H |  |  | S |  |  |  |