IL 10.100

INVERT LEVEL

RISER

TUNDISH

TUNDISH IN WALL

RS
 RISING SHAFT

OVERFLOW ROLLER GULLY

ROOF DRAINAGE OVERFLOW

ROOF DRAINAGE SPREADER

DROPPER DROPPERS IN WALL TO TAP SETS DROPPERS ON WALL TO TAP SETS DROPPER ON WALL TO STOPCOCK DROPPER IN WALL TO STOPCOCK HOSE COCK INSTANTANEOUS HOT WATER UNIT REDUCED PRESSURE ZONE DEVICE RISER STORAGE HOT WATER UNIT TEMPERING VALVE THERMOSTATIC MIXER VALVE \bowtie VALVE \bowtie VALVE IN CAST IRON BOX CW: SERVICE SIZING

WATER

ABBREVIATIONS

GENERAL

SINGLE LINE PIPE BREAK

CONSTRUCTION NUMBER

ABOVE FINISHED FLOOR LEVEL BASIN BALCONY DRAIN CONDENSATE DRAIN CLEAN OUT CLEANERS SINK CHECK VALVE COLD WATER DISCONNECTOR GULLY DIAMETER DOWN PIPE FLOOR LEVEL FINISHED FLOOR LEVEL FLOOR WASTE FLOOR WASTE GULLY GROUND LEVEL GREASE ARRESTOR HOSE COCK HDPE HOT WATER HOT WATER FLOW HOT WATER RETURN HWR HOT WATER UNIT

HIGH DENSITY POLYETHYLENE INVERT LEVEL INSPECTION OPENING INSPECTION SHAFT - RISING SHAFT ISRS INSPECTION SHAFT SQUARE ON BACK INDUSTRIAL WASTE SAMPLING POINT Jump up NATURAL GAS NPCW NON-POTABLE COLD WATER NPHW NON-POTABLE HOT WATER OVERFLOW RELIEF GULLY ORG RISING MAIN RS RISING SHAFT SINK SHR SHOWER SUB M SUB METER STORM WATER TEMPERED WATER TUNDISH URINAL WATER CLOSET

HYDRAULIC SERVICES NOTES

<u>GENERAL</u>

1. UNLESS NOTED OTHERWISE THESE NOTES SHALL APPLY TO ALL THE DRAWINGS IN THE SET

HYDRAULIC DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL ARCHITECTURAL AND OTHER CONSULTANTS DRAWINGS, SPECIFICATIONS AND WRITTEN INSTRUCTIONS ISSUED BY THE ARCHITECT AND/OR THEIR REPRESENTATIVE. DISCREPANCIES SHALL BE REFERRED TO THE ENGINEER FOR DECISION BEFORE WORK PROCEEDS

3. MATERIAL AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE SPECIFICATION, BUT NOT LIMITED TO, CURRENT REVISIONS OF ALL RELEVANT CODES AND STANDARDS, THE BUILDING CODE OF AUSTRALIA, LOCAL AUTHORITIES AND PROVISION OF THE CURRENT OCCUPATIONAL HEALTH AND SAFETY ACT

4. DRAWINGS SHALL NOT BE SCALED TO OBTAIN DIMENSIONS. VERIFY ALL DIMENSIONS ON SITE BEFORE PREPARATION OF SHOP DRAWINGS

5. THE HYDRAULIC DRAWINGS ARE DIAGRAMMATIC ONLY. THE CONTRACTOR MUST ALLOW FOR ALL WORKS NECESSARY TO PROVIDE AN INSTALLATION THAT IS COMPLETE, COMPLIES WITH SCOPE, ITS INTENT, AND ALL CODES AND STANDARDS

6. THE LOCATION OF ALL EXISTING SERVICES HAS BEEN BASED ON UNCONFIRMED INFORMATION. THE CONTRACTOR SHALL IDENTIFY ALL EXISTING SERVICE. MATERIAL TYPE, SIZING, AND LOCATION AND INVERT LEVELS AND REPORT THE FINDINGS TO THE ENGINEER PRIOR TO COMMENCEMENT OF ANY WORKS AND EXCAVATION

7. IT IS THE CONTRACTOR RESPONSIBILITY TO VISIT SITE PRIOR TO SUBMITTING A TENDER, SO AS TO VERIFY THE SITE CONDITIONS AND ANY ISSUES WHICH MAY IMPACT THE CONTRACT

8. ARCHITECTURAL DIMENSIONED DETAILS SHALL BE REFERENCED PRIOR TO ORDERING SANITARY, TAP-WARE AND SPECIALISED STAINLESS STEEL FIXTURES AND FITTINGS

9. WHERE A PRODUCT IS SHOWN, A PRODUCT OR SIMILAR PRODUCT EQUIVALENT IN FUNCTION AND QUALITY ETC, TO THE WRITTEN APPROVAL OF THE ARCHITECT, SUPERINTENDENT AND/OR THEIR REPRESENTATIVE MAY BE USED.

WATER SERVICES

1. MAKE APPLICATION AND PAY ALL NECESSARY FEES AND CHARGES TO THE RELEVANT PARTIES, AUTHORITIES, UTILITY SUPPLIER AND GOVERNING BODIES, SO THAT THERE IS NO DELAY TO THE BUILDING

2. ALL COPPER PIPEWORK SHALL BE MINIMUM OF TABLE 'A OR B' CONFORMING TO AS1432. CROSS-LINKED POLYETHYLENE ANY BE USED AS AN ALTERNATIVE. MANUFACTURER'S COMPLIANT DOCUMENTATION TO BE PROVIDED TO THE ENGINEER FOR REVIEW AND APPROVAL

ALL PIPEWORK SHALL BE CONCEALED. WHERE PIPEWORK IS EXPOSED TO PUBLIC VIEW IT SHALL BE CHROME PLATED, BRAIDED CONNECTOR SHALL NOT BE USED

4. PIPE SUPPORTS SHALL BE PROGRESSIVELY INSTALLED AS THE PIPEWORK IS INSTALLED. THE SUPPORTS SHALL BE DESIGNED, MANUFACTURED AND INSTALLED AS TO SAFELY AND COMPLETELY SUPPORT THE WEIGHT, THRUST, EXPANSION AND CONTRACTION OF THE PIPEWORK AND ASSOCIATED WORKS

ALL ISOLATION VALVES SHALL BE INSTALLED IN APPROVED ACCESSIBLE LOCATIONS. VALVES LOCATED BELOW GROUND, CEILING SPACES, WALLS AND DUCTS SHALL BE PROVIDED WITH AN APPROVED ACCESS PANEL OR

6. ALL HOSE COCKS SHALL BE 20mm Ø IN SIZE UNLESS OTHERWISE STATED, 600mm ABOVE FINISHED SURFACE LEVEL AND FITTED WITH A FIT FOR PURPOSE BACK-FLOW PREVENTION DEVISE IN ACCORDANCE WITH AS3500

7. PIPE SIZES SHOWN ON DRAWINGS ARE MINIMUM INTERNAL DIAMETERS AND NOT PE NOMINAL SIZES UNLESS SPECIFICALLY SHOWN ON DRAWINGS AS PE PIPE SIZING

SEWER, SANITARY PLUMBING

MAKE APPLICATION AND PAY ALL NECESSARY FEES AND CHARGES TO THE RELEVANT PARTIES, AUTHORITIES, UTILITY SUPPLIER AND GOVERNING BODIES, SO THAT THERE IS NO DELAY TO THE BUILDING

2. CONFIRM THE LOCATION AND LEVELS OF ALL SERVICES BEFORE COMMENCING OF WORKS

ALL PIPEWORK SHALL BE ADEQUATELY SUPPORTED. THE SUPPORTS SHALL BE DESIGNED, MANUFACTURED AND INSTALLED AS TO SAFELY AND COMPLETELY SUPPORT THE WEIGHT, EXPANSION AND CONTRACTION OF THE PIPEWORK AND ASSOCIATED WORKS

LINETYPES

EXAMPLE

NAME

VENT

STORMWATER DRAIN OVER FLOW — OF — OF — OF — CONDENSATE DRAIN ___ · __ · __ · __ TRADE_WASTE — TW —— TW —— TW — TEMPERED_WATER — T— T— T— T— ---NPC----NPC----NPC---NON POT COLD WATER POTABLE_COLD_WATER — NPH —— NPH —— NPH — NON_POT_HOT_WATER POTABLE_HOT_WATER ____. GAS_SERVICE _____

> DATE BY CHKD DESCRIPTION





HYDRAULIC SERVICES

BROOKTON RAILWAY STATION REFURBISHMENT

NOTES & LEGENDS

DRAWN DESIGNED REVIEWED APPROVED DATE BR BR RGS RGS JAN 2024 BCA PROJECT No. 230722

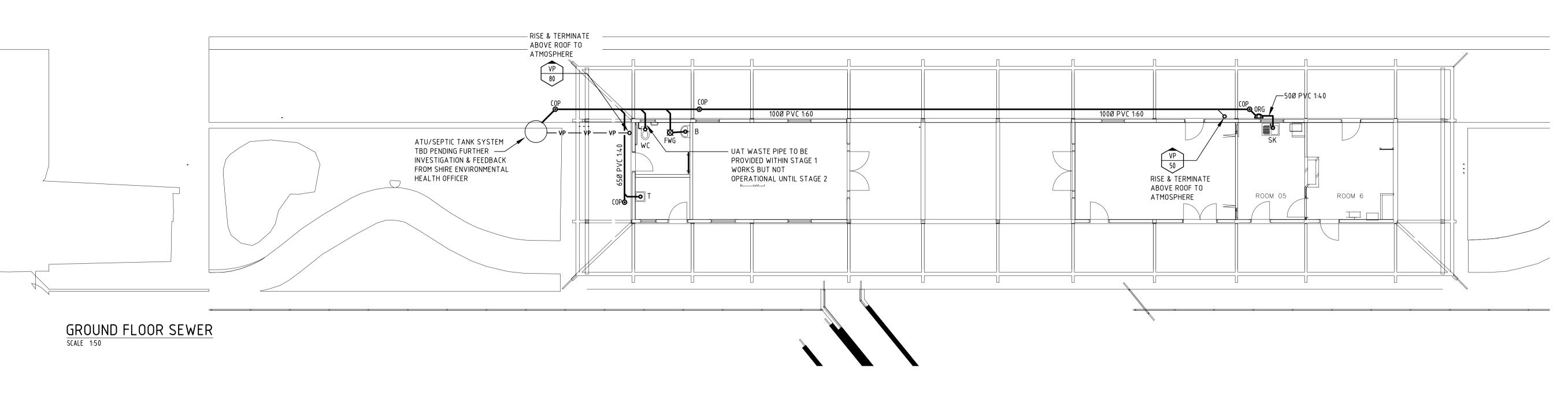
H00 A

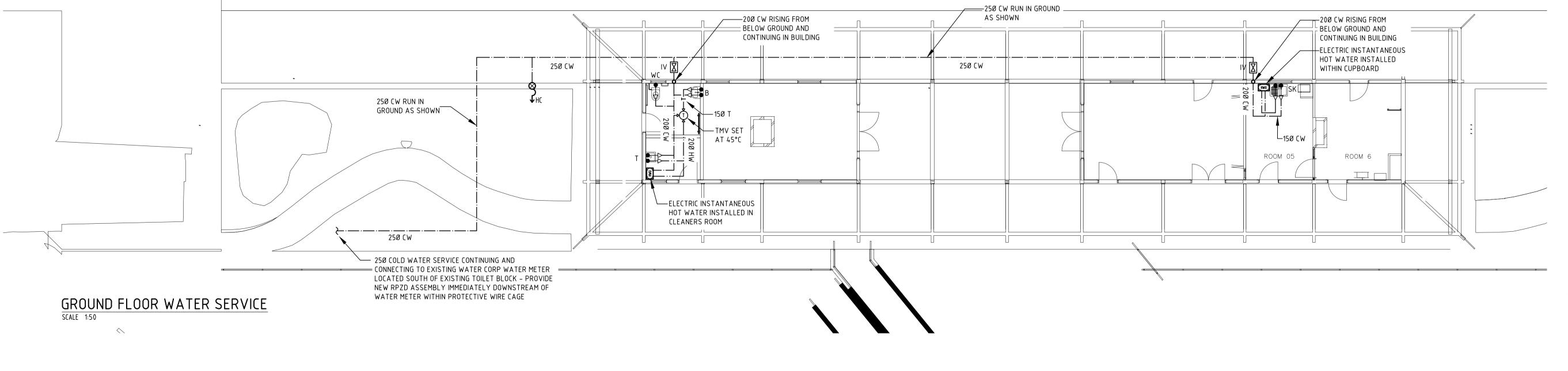
TESG Job No. 20230076 - 23/05/2024 - Page 1 of 3

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A 29.04.24 TENDER ISSUE BQ MW

PRELIMINARY ISSUE





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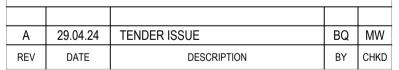
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GENERAL NOTES

CONTRACTOR TO ALLOW TO INVESTIGATE CONDITION AND MAKE SUITABLE ALLOWANCE TO REPLACE EXISTING SEPTIC AND FRENCH DRAIN SYSTEM IF DEEMED NECESSARY OR IF IT NO LONGER COMPLIES WITH DEPARTMENT OF HEALTH, SHIRE OF BROOKTON AND THE AUSTRALIAN STANDARDS.

CONTRACTOR TO ALLOW TO REPLACE EXISTING SEWER PIPEWORK BETWEEN SEPTIC TANK AND FRENCH DRAIN

ALL SANITARY PIPEWORK TO THE EXISTING SEPTIC/FRENCH DRAIN SYSTEM WILL NEW INCLUDING FROM ALL FIXTURES.



PRELIMINARY ISSUE





HYDRAULIC SERVICES

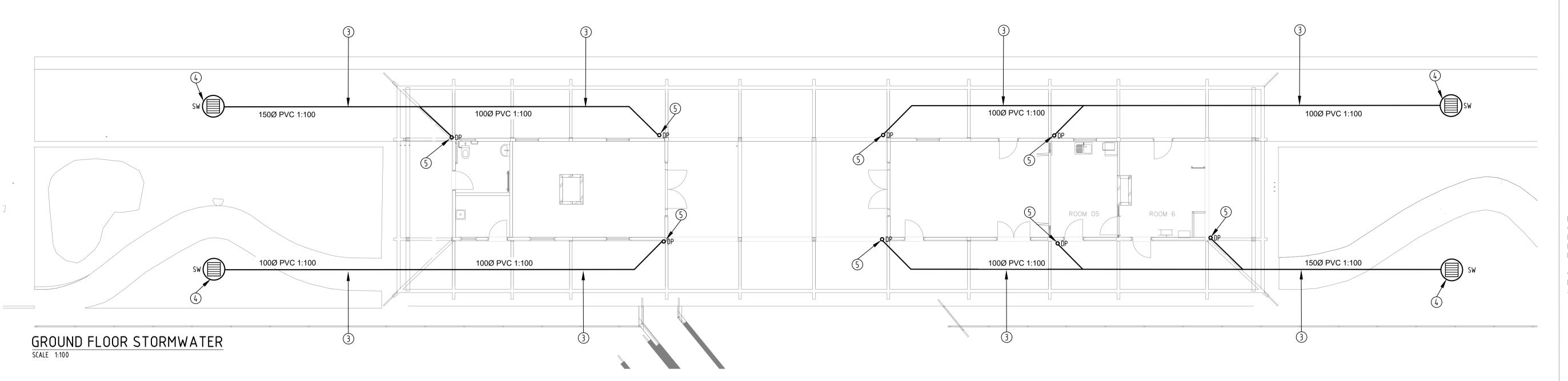
BROOKTON RAILWAY STATION REFURBISHMENT

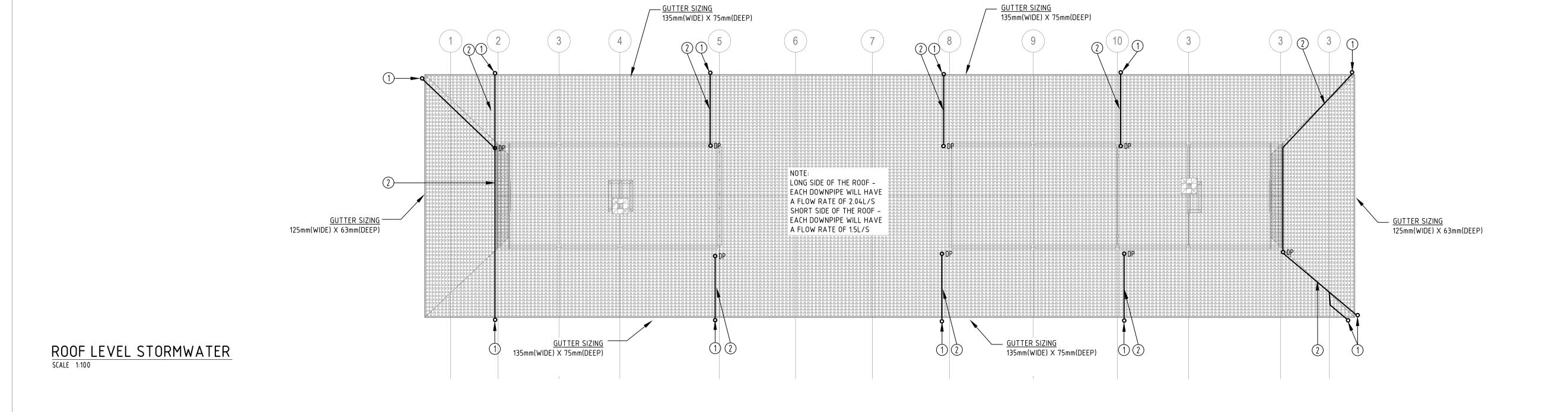
GROUND FLOOR PLAN - SEWER & WATER SERVICE

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0 1m 2m 3m

0 1m 2m

FITTING NOTES

- 1. 100Ø STORMWATER DRAINPIPE FROM EAVES GUTTER
- 2. 100Ø PIPEWORK FIXED AT HIGH LEVEL UNDER ROOF SPACE GRADIENT OF PIPEWORK 1:100
- PIPEWORK RUN IN GROUND TO CIVIL STORMWATER SYSTEM
- 4. CONTRACTOR TO ALLOW AND PROVIDE NEW STORMWATER PIPEWORK CONNECTIONS TO NEW SOAK WELLS IN THESE PROPOSED SERVICE LOCATIONS. LAYOUT TO BE SUBMITTED TO SUPERINTENDENT FOR APPROVAL.
- 100Ø DOWN PIPE TO DROP ON WALL INTO GROUND & RUN IN GROUND & CONNECT INTO PROPOSED NEW SOAKWELLS.

NOTE: CONTRACTOR TO VISIT SITE PRIOR TO COMMENCING WORKS TO INVESTIGATE AND CONFIRM EXTENT OF ALL EXISTING STORMWATER INFRASTRUCTURE. IN GROUND PIPE SIZES AND ROUTES TO BE CHECKED FOR SUITABILITY.

CONTRACTOR TO ALLOW FOR THE REMOVAL OF ALL EXISTING STORMWATER CONNECTIONS TO EXISTING SOAKWELLS



PRELIMINARY ISSUE





HYDRAULIC SERVICES

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BROOKTON RAILWAY STATION REFURBISHMENT

DRAWIN

SITE PLAN - STORMWATER

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