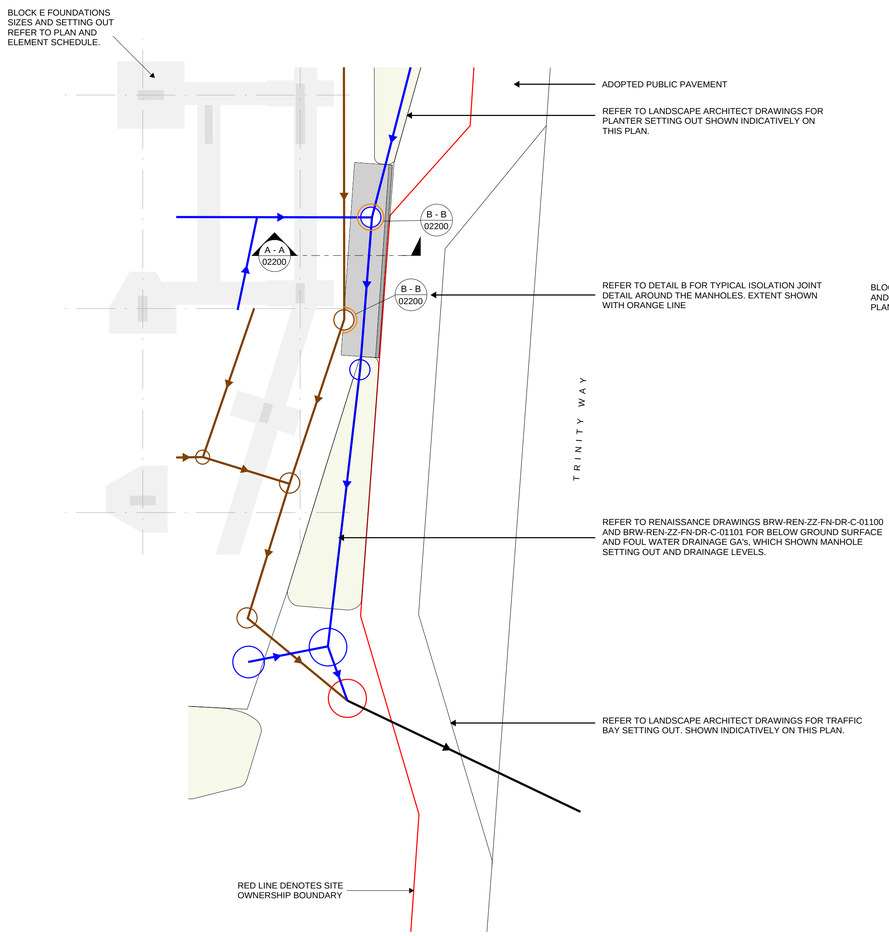
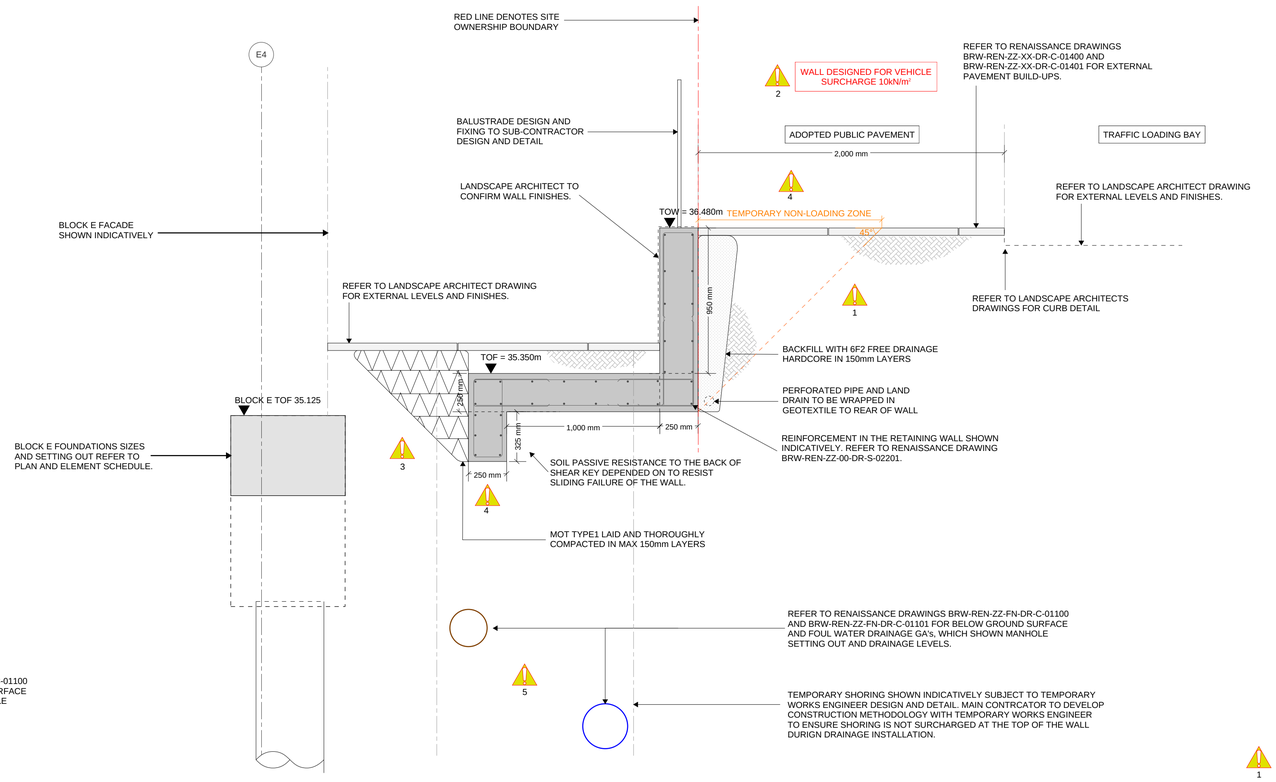
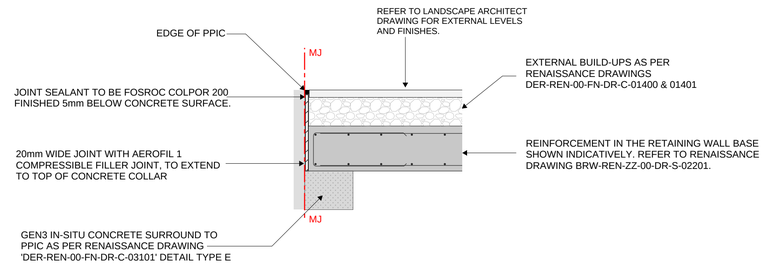


PLAN VIEW
1:100



SECTION A-A
SECTION THROUGH RETAINING WALL
1:20



DETAIL B
TYPICAL ISOLATION JOINT AROUND PPIC AND RETAINING WALL BASE.
NTS

NOTES:

1. FOR GENERAL NOTES REFER TO RENAISSSANCE DRAWING BRW-REN-ZZ-XX-DR-S-00010.
2. ALL NON STRUCTURAL ITEMS INDICATED ON THIS DRAWING ARE INDICTIVE ONLY AND ARE ONLY INTENDED TO COMMUNICATE THE INTERFACE PRINCIPLES WITH THE PRIMARY STRUCTURE AND CLARIFY DEISGN RESPONSIBILITY. REFER TO CONTRCATORS SUPPLY CHAIN DRAWINGS FOR ALL NON-PRIMARY STRUCTURE DETAILS AND ASSOCIATED INTERFACES WITH THE PRIMARY FRAME.
3. FOR EXTERNAL LEVELS AND FINISHES REFER TO LANDSCAPE ARCHITECT DRAWINGS.
4. FOR RETAINING WALL FINISHES REFER TO LANDSCAPE ARCHITECT DRAWINGS.
5. REFER TO RENAISSANCE DRAWINGS BRW-REN-ZZ-FN-DR-C-01100 AND BRW-REN-ZZ-FN-DR-C-01101 FOR BELOW GROUND SURFACE AND FOUL WATER DRAINAGE GA's. FOR MANHOLE SCHEDULES REFER TO RENAISSANCE DRAWINGS BRW-REN-ZZ-FN-SH-C-03102 AND BRW-REN-ZZ-FN-SH-C-03103.
6. FOR CDM REGISTER RELATED TO THIS DRAWING REFER TO RENAISSANCE DRAWING BRW-REN-ZZ-00-SH-S-02200
7. REFER TO RENAISSANCE DRAWINGS BRW-REN-ZZ-XX-DR-C-01400 AND BRW-REN-ZZ-XX-DR-C-01401 FOR EXTERNAL PAVEMENT BUILD-UPS.

CONCRETE RETAINING WALL PROPERTIES
C32/40 CONCRETE
ALLOW FOR 125kg/m³ REINFORCEMENT TONNAGE

CDM NOTES:

1 **RISK OF STRIKING BURIED SERVICES ADJACENT TO TRINITY WAY HIGHWAY**. GROUND TO BE SCANNED PRIOR TO RETAINING WALL BASE EXCAVATIONS COMMENCING TO ENSURE THEY ARE CLEAR OF EXISTING SERVICES.

2 **RISK OF UNDERMINING / OVERSTRESSING RETAINING WALL DURING CONSTRUCTION.** WALL DESIGNED FOR 10kPa SURCHARGE. MAIN CONTRACTOR TO MANAGE CONSTRUCTION SEQUENCE TO ENSURE WALL IS NOT SURCHARGED DURING CONSTRUCTION.

3 **RISK OF EXTERNAL SERVICES IN GROUND ADJACENT TO BUILDING.** MAIN CONTRACTOR TO CHECK RELEVANT M&E DRAWINGS TO CHECK THE PRESENCE OF EXTERNAL SERVICES IN THE GROUND ADJACENT TO BLOCK E.

4 **RISK OF SLIDING FAILURE IN THE TEMPORARY CONSTRUCTION PHASE.** WALL HAS BEEN DESIGNED TO RESIST SLIDING FAILURE BY UTILISING THE PASSIVE SOIL RESISTANCE TO THE BACK OF CONCRETE SHEAR KEY. THEREFORE A NON-LOADING ZONE AT THE TOP OF THE WALL MUST BE ADOPTED UNTIL THE MATERIAL AT THE BOTTOM OF THE WALL IS REINSTATED. MAIN CONTRACTOR TO DEVELOP CONSTRUCTION SEQUENCE TO ENSURE THIS CONSTRAINT IS COMPLIED WITH.

5 **RISK OF EXCAVATION INSTABILITY AND UNDERMINING BLOCK E FOUNDATIONS DURING BELOW GROUND DRAINAGE INSTALLATION.** DEEP EXCAVATION REQUIRED TO INSTALL BELOW GROUND DRAINAGE, IN CLOSE PROXIMITY TO BLOCK E. MAIN CONTRACTOR TO DEVELOP CONSTRUCTION METHODOLOGY WITH TEMPORARY WORKS ENGINEER. TEMPORARY SHORING LIKELY REQUIRED. MAIN CONTRACTOR TO DEVELOP CONSTRUCTION METHODOLOGY WITH TEMPORARY WORKS ENGINEER TO ENSURE SHORING IS NOT SURCHARGED AT THE TOP OF THE WALL DURING DRAINAGE INSTALLATION.

Rev:	Description:	Date:	By:	Chkd:
C01	CONSTRUCTION ISSUE	13.05.26	BH	PC

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Project:
WATERHOUSE GARDENS, MANCHESTER

Drawing Title:
EXTERNAL TRAFFIC BAY RETAINING WALL PLAN AND SECTION

Status:
RIBA STAGE 5

Size:	Date:	Drawn By:	Designed By:	Checked By:
A1	13.05.2026	BH	BH	PC

Scale: AS SHOWN
Project No: 2211-11

Project Code: Originator: Volume: Level: Type: Role: Category / Number: Rev:

BRW-REN-ZZ-00-DR-S-02200-C01