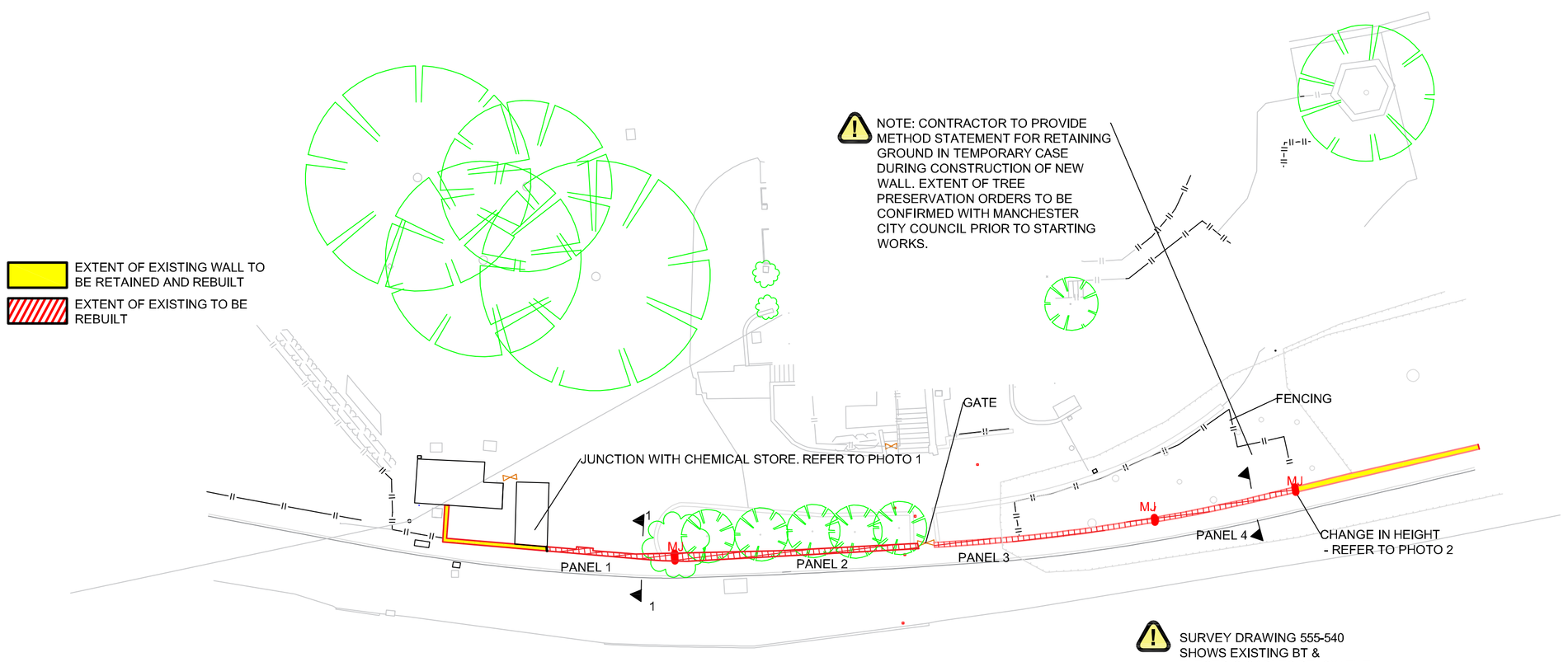


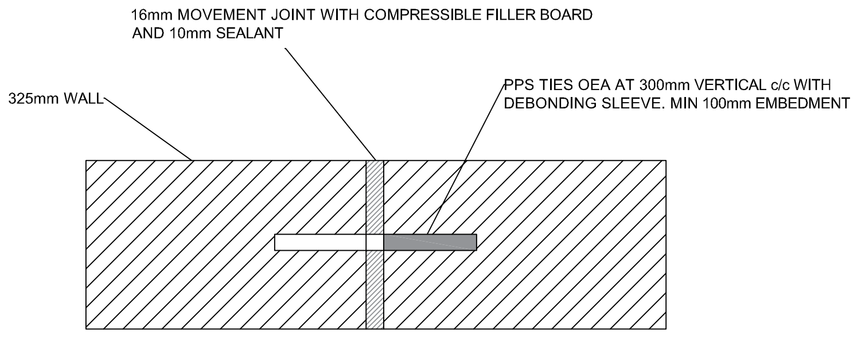
PANEL 1/2/3 : WALL REBUILT IN 325mm THK BRICKWORK TO MATCH EXISTING - REFER TO SECTION ①

PANEL 4 : WALL REBUILT IN 325mm THK REINFORCED CAVITY WALL. FACING BRICK TO MATCH EXISTING - REFER TO SECTION ②

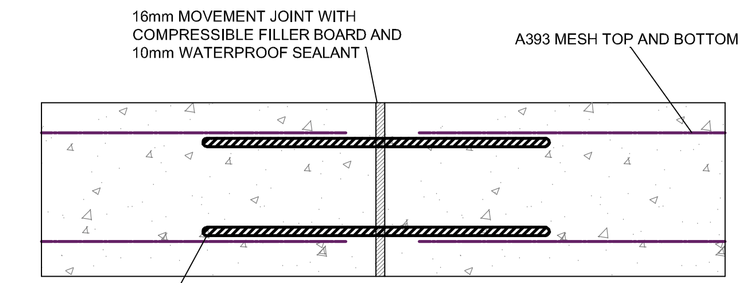
MJ: MOVEMENT JOINT REFER TO DETAIL ①

SURVEY DRAWING 555-540 SHOWS EXISTING BT & ELECTRIC CABLES BELOW THE ADJACENT ROAD. CONTRACTOR TO REVIEW POSITION AND PROVIDE PROTECTION AS APPROPRIATE. CONTRACTOR TO NOTIFY CLIENT IF DIVERSION IS REQUIRED

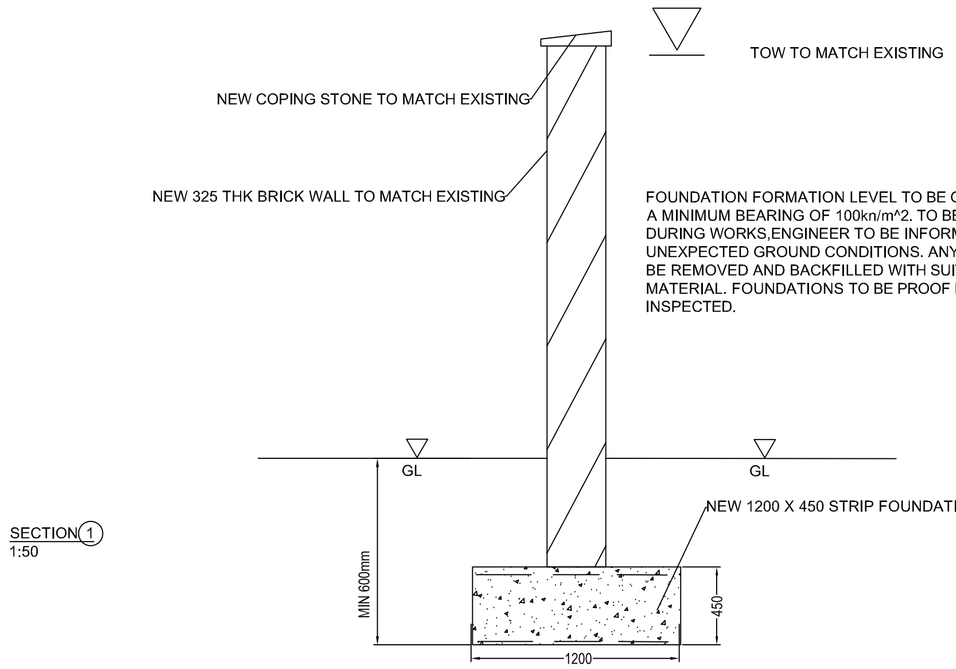
PLAN ON WALL
SCALE 1:200



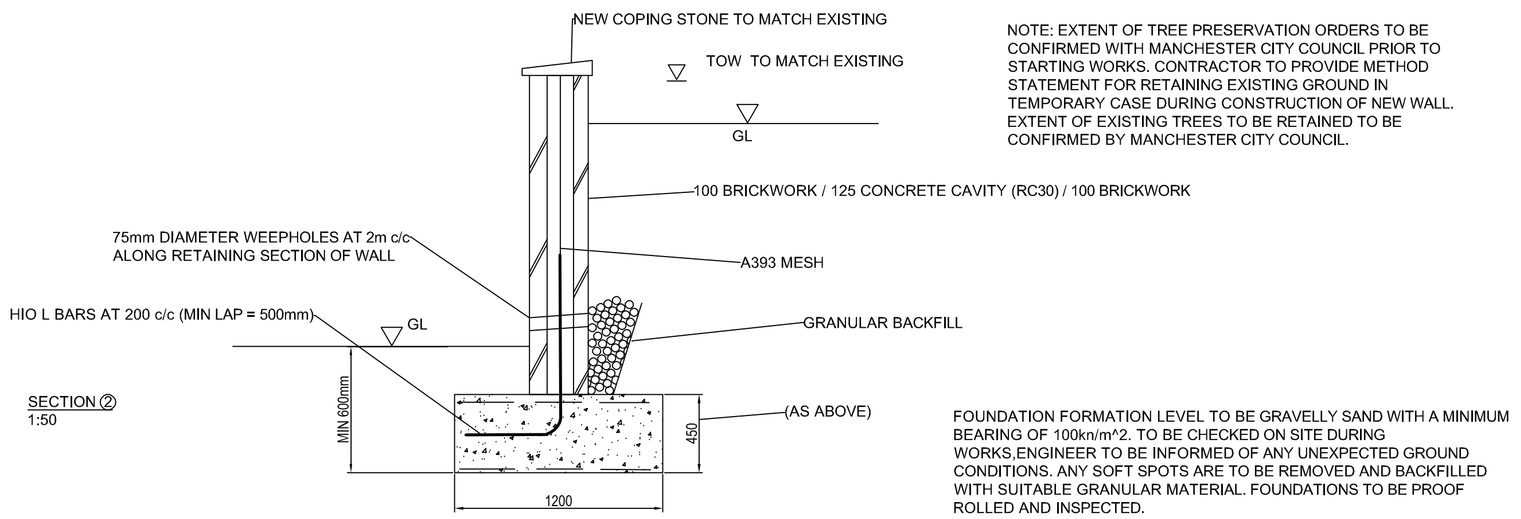
DETAIL ①: MOVEMENT JOINT DETAIL



DETAIL ②:FOUNDATION CONSTRUCTION JOINT DETAIL



SECTION ①
1:50



SECTION ②
1:50

NOTE: EXTENT OF TREE PRESERVATION ORDERS TO BE CONFIRMED WITH MANCHESTER CITY COUNCIL PRIOR TO STARTING WORKS. CONTRACTOR TO PROVIDE METHOD STATEMENT FOR RETAINING EXISTING GROUND IN TEMPORARY CASE DURING CONSTRUCTION OF NEW WALL. EXTENT OF EXISTING TREES TO BE RETAINED TO BE CONFIRMED BY MANCHESTER CITY COUNCIL.

FOUNDATION FORMATION LEVEL TO BE GRAVELLY SAND WITH A MINIMUM BEARING OF 100kn/m^2. TO BE CHECKED ON SITE DURING WORKS,ENGINEER TO BE INFORMED OF ANY UNEXPECTED GROUND CONDITIONS. ANY SOFT SPOTS ARE TO BE REMOVED AND BACKFILLED WITH SUITABLE GRANULAR MATERIAL. FOUNDATIONS TO BE PROOF ROLLED AND INSPECTED.

NO DIMENSIONS TO BE SCALED FROM THIS DRAWING

CDM - RESIDUAL HAZARDS The following are considered to be significant risks relevant to this drawing, which could not be fully mitigated or removed through design:

CDM - RESIDUAL HAZARDS	
1	TEMPORARY STABILITY - CONTRACTOR TO MAINTAIN STABILITY OF THE WALL IN THE TEMPORARY CASE DURING DOWNTAKINGS AND REBUILDING WORK. CONTRACTOR TO SUBMIT METHOD STATEMENT PRIOR TO WORKS.
2	CONTRACTOR TO PROVIDE METHOD STATEMENT FOR RETAINING GROUND IN TEMPORARY CONDITION.
3	CONTRACTOR TO MONITOR EXCAVATIONS AND ALLOW FOR DE-WATERING DURING CONSTRUCTION PHASE.
	Further possible control measures have been identified within the Design Risk Assessments which may help to mitigate these and other identified risks further during the construction / maintenance process.

General Notes

1. All works to be carried out by a contractor experienced in this type of work.
2. All levels are in metres, unless noted otherwise.
3. All main heights to be confirmed by the contractor. Levels are tied into Ordnance Datum - Newlyn, unless noted otherwise. The contractor shall be responsible for establishing and checking the setting-out of gridlines, levels and datums.
5. All dimensional information contained on Pick Everard drawings to be checked against the current architects drawings by the contractor prior to construction.
6. All details which relate to existing features or boundaries are to be confirmed on site by the contractor.
7. Any discrepancies found between drawings and/or site dimensions, design team to be informed immediately.
8. The structure has been designed and detailed for the permanent condition only. All temporary works to be designed by the contractor. Temporary works must ensure the stability of the existing structure. In all cases the materials are required to be supplied and used in accordance with the appropriate codes of practice, agreement certificate, local building by-laws and in accordance with good building practice.
10. Contractor to check all sizes prior to construction.
11. Prior to any design change implemented by the contractor or client, the design team must be advised so that the change can be assessed and certified.

Health and Safety

1. All construction operations shall be carried out in accordance with the requirements of the current CDM regulations, Health and Safety at Work Act, COSHH regulations and all other pertinent health and safety and welfare legislation.
2. Prior to commencing works, contractor to liaise with Manchester city council to ensure safe working in the car park area and in proximity to the telecommunications mast.

Construction (Design and Management) Regulations 2015 (CDM 2015)

Due to the 'commercial' nature of this project the Client has a duty under the Regulations to make suitable arrangements for managing a project and maintaining and reviewing these arrangements throughout, so the project is carried out in a way that manages Health and Safety risks. The Regulations also require the Client to notify the enforcing authority of certain construction projects. For projects involving more than one contractor, the Regulations require the Client to appoint a Principal Designer and a Principal Contractor, and make sure that they carry out their duties. Client duties are described in Part 2 of CDM 2015 and comprise:

- Regulation 4 Client duties in relation to managing projects.
- Regulation 5 Appointment of the Principal Designer and the Principal Contractor
- Regulation 6 Notification.
- Health and Safety duties and roles are described in Part 3 of CDM 2015.

Downtakings

1. All down-takings/demolition works to be carried out in accordance with BS 6187 and current HASW regulations
2. Extreme care is to be taken when undertaking all down-takings to ensure, that the stability and integrity of the remaining structure is not comprised.
3. The contractor shall be responsible for maintaining the stability and integrity of the existing and new structure for the duration of the works.
4. All debris arising from down-takings shall be removed for site.
5. Prior to carrying out the works, the contractor shall provide method statements detailing his proposals for propping the existing structure and installing the new supports
6. Temporary works are the sole responsibility of the contractor. The contractor must design, supply and install all necessary temporary works required.

Masonry Notes

1. Carefully remove areas of masonry shown for down taking to foundation level.
2. Brickwork to be rebuilt in engineering brick to match existing. Brickwork to have minimum strength 70N/mm2 and water absorption <7%. Durability designation FL. Contractor to submit details of proposed brickwork to match existing prior to construction.
3. Areas of loose or defective brick to remaining sections of wall should be removed and made good. Defective mortar joints should be raked out, cleaned, and repointed in mortar to match existing. Header course capping to be frost resistant.
4. Vegetation should be removed, and open joints raked out and repointed. All loose Masonary to be removed and made good.
5. Mortar to match existing. Contractor to submit proposals.
6. New coping stone to match existing to be installed. Coping stones fixed to wall using Ancon stone coping restraints OEA.

Existing dimensions are indicative and provided for information only. All existing dimensions to be confirmed on site by the contractor prior to work starting.

Note: Contractor to carry out local trial pitting to allow inspection of existing foundation by engineer prior to construction.

Revision	Date	Drn	Chk
P01 For Information	14.03.22	ODF	MB

Client
MANCHESTER CITY COUNCIL

Project
MILLGATE LANE
BOUNDARY WALL

Drawing Title
GENERAL ARRANGEMENT
STRUCTURAL DETAILS

Suitability Status
S2-INFORMATION

Job No.	Scale	Size	Rev
210844	AS SHOWN	@ A1	P01

Drawing Number
MAN024-PEV-XX-ZZ-S-5001
Project Code - Originator - Zone - Level - Type - Role - Number

PICK EVERARD
T 0345 045 0050 www.pickeverard.co.uk