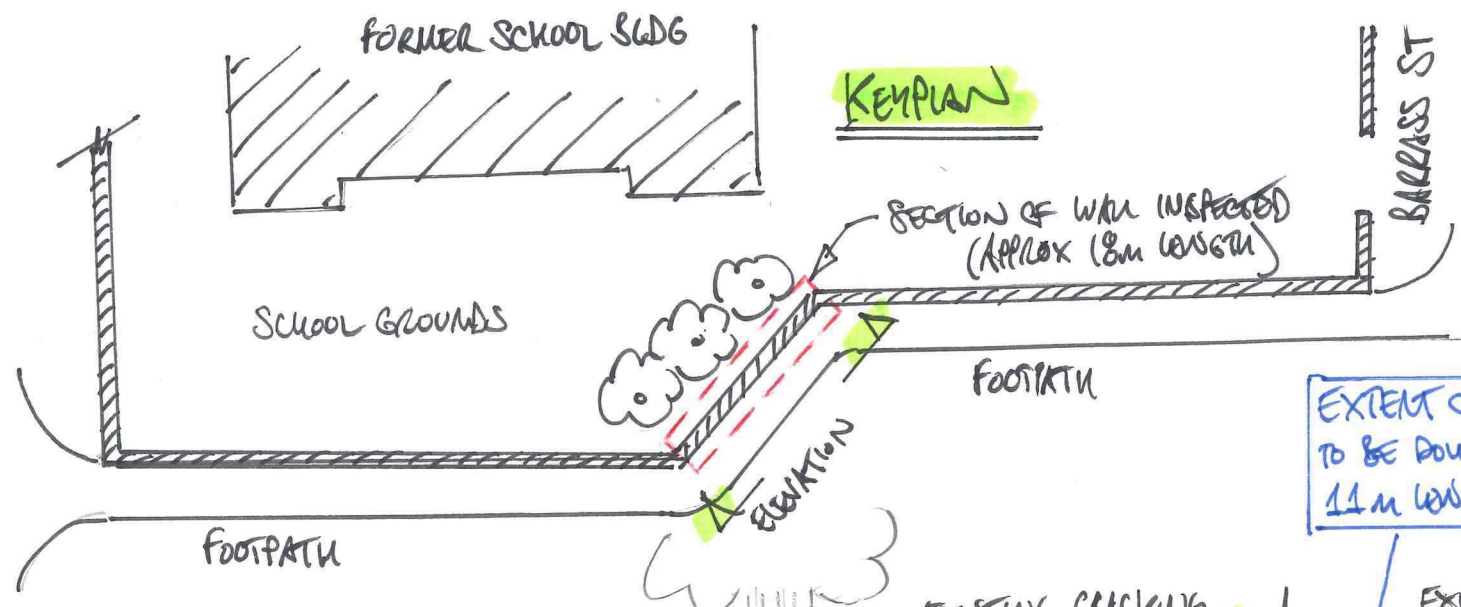


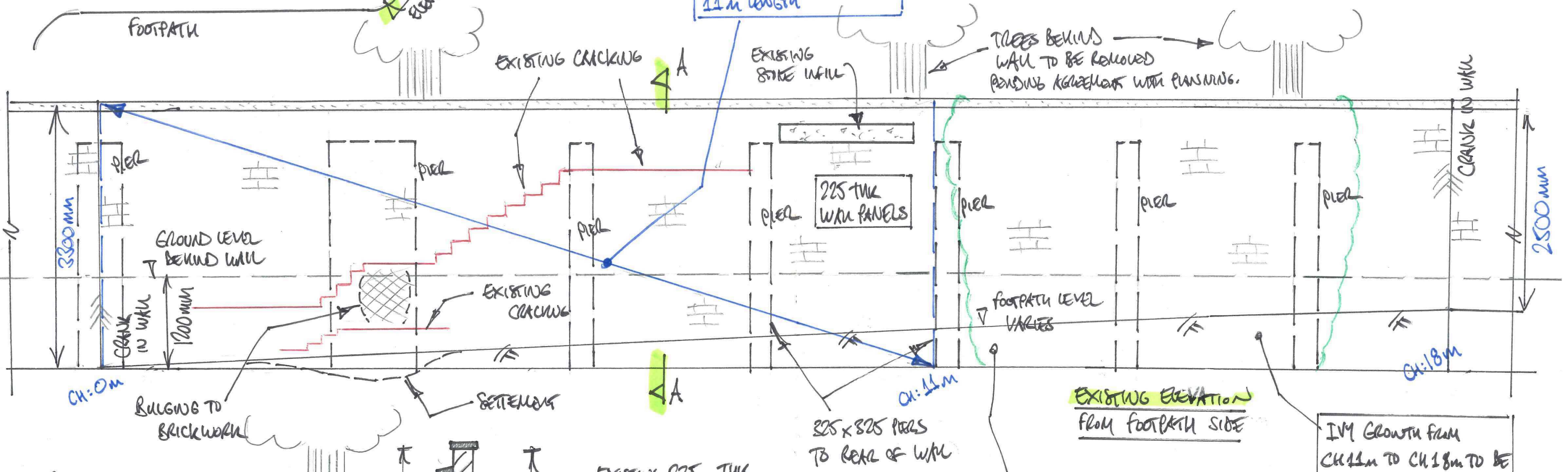
EXISTING WALL DETAILS

DXH/45506 BARRASS STREET

KEY PLAN



EXTENT OF EXISTING WALL TO BE DOWNTAKEN, APPROX 11m LENGTH



EXISTING ELEVATION FROM FOOTPATH SIDE

IVY GROWTH FROM CH 11m TO CH 18m TO BE REMOVED AND BRICKWORK BEHIND INSPECTED.

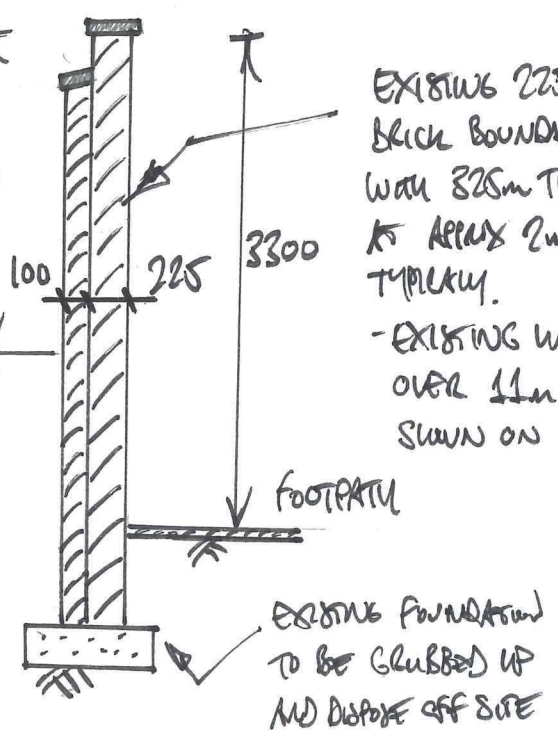
CONSTRUCTION TO PROVIDE TEMPORARY PROPPING TO ADJACENT SECTION OF WALL TO MAINTAIN WALL STABILITY DURING DOWNTAKINGS & CONSTRUCTION OF NEW SECTION OF WALL

REMOVAL OF EXISTING TREES TO BE AGREED WITH PLANNING AUTHORITY

EXISTING 225mm THK BRICK BOUNDARY WALL WITH 325mm THK PIERS AT APPROX 2m CENTRES TYPICALLY.
- EXISTING WALL DOWNTAKEN OVER 11m LENGTH AS SHOWN ON ELEVATION

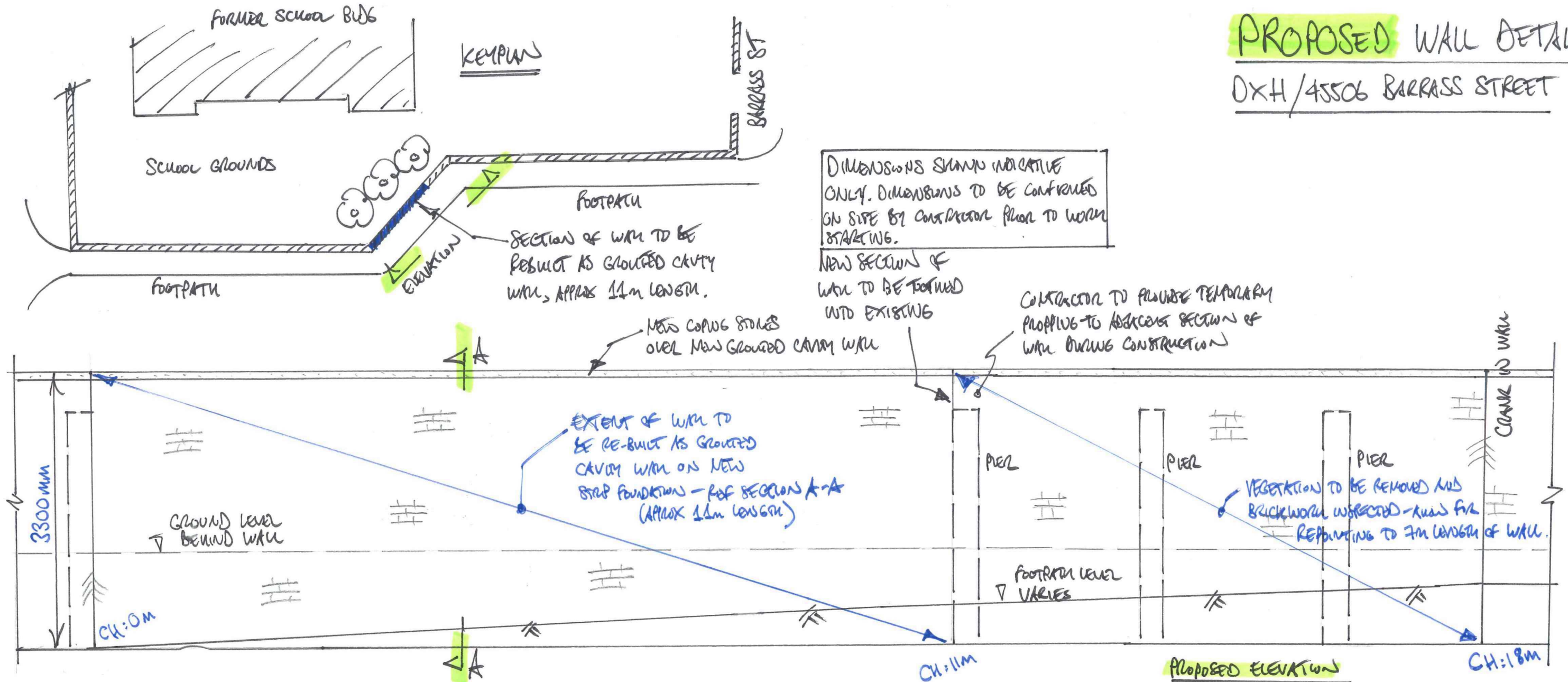
SECTION A-A

EXISTING BOUNDARY WALL



PROPOSED WALL DETAILS

OXH/45506 BARRASS STREET



DIMENSIONS SHOWN INDICATIVE ONLY. DIMENSIONS TO BE CONFIRMED ON SITE BY CONTRACTOR PRIOR TO WORK STARTING.

NEW SECTION OF WALL TO BE FORMED INTO EXISTING

CONSTRUCTION TO PROVIDE TEMPORARY PROPPING TO ADJACENT SECTION OF WALL DURING CONSTRUCTION

SECTION OF WALL TO BE REBUILT AS GROUTED CAVITY WALL, APPROX 11m LENGTH.

NEW COPING STONES OVER NEW GROUTED CAVITY WALL

EXTENT OF WALL TO BE RE-BUILT AS GROUTED CAVITY WALL ON NEW STRIP FOUNDATION - REF SECTION A-A (APPROX 11m LENGTH)

PROPOSED ELEVATION FROM FOOTPATH SIDE

CONSTRUCTION TO ALLOW FOR MORTAR SAMPLING TO IDENTIFY A COMPATIBLE MORTAR FOR USE IN REBUILDING THE DAMAGED SECTION OF WALL

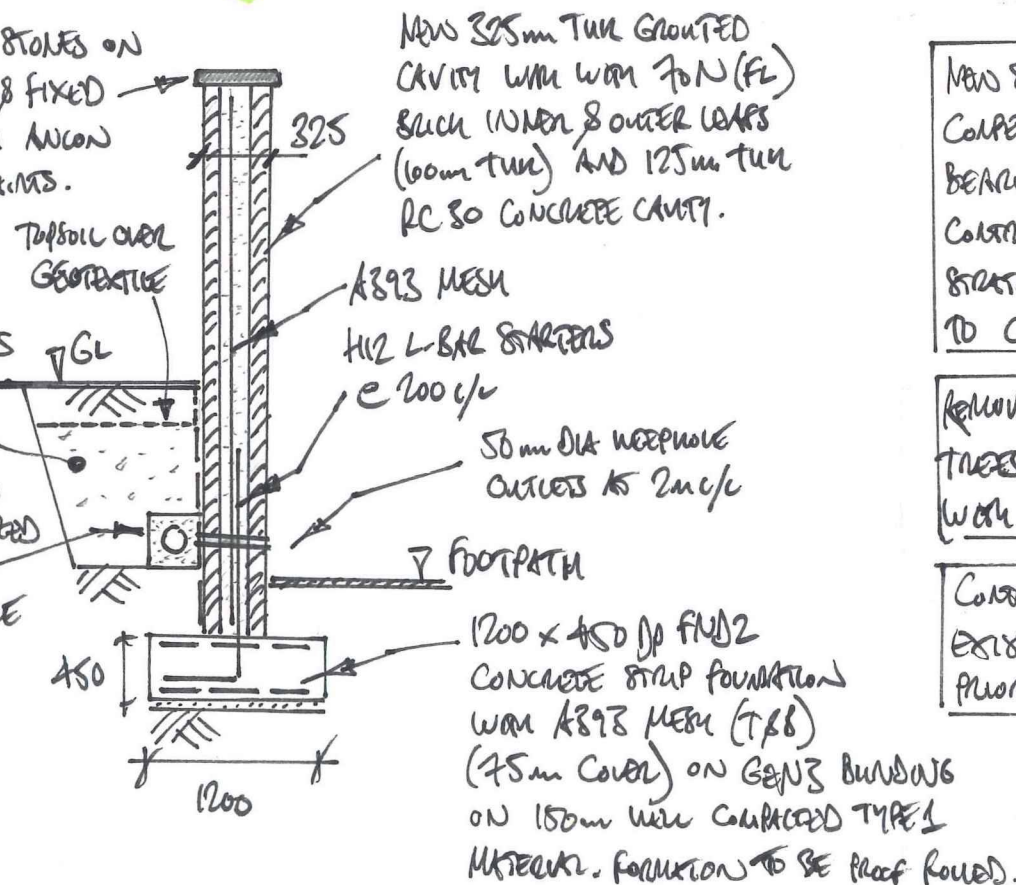
NEW COPING STONES ON MORTAR BED & FIXED TO WALL WITH ANCON COPING RESTRAINTS.

SCHOOL GROUNDS

GRANULAR BACKFILL
100mm Ø WAVE PERFORATED PIPE IN 20mm SINGLE SIZED AGGREGATE WRAPPED IN GEOTEXTURE

SECTION A-A

PROPOSED BOUNDARY WALL



NEW STRIP FOUNDATIONS TO BEAR ONTO COMPETENT STRATA WITH MINIMUM BEARING CAPACITY OF 600 kN/m². CONSTRUCTION TO CONFIRM FOUNDATION STRATA WITH TRIAL PITS PRIOR TO CONSTRUCTION

REMOVAL OF EXISTING ADJACENT TREES SUBJECT TO AGREEMENT WITH PLANNING AUTHORITY.

CONSTRUCTION TO CHECK FOR EXISTING UTILITIES IN FOOTPATH PRIOR TO EXCAVATION

Outline Scope of Works

- Provide temporary propping to adjacent sections of wall to be retained.
- Contractor to obtain footpath closures necessary for the safe completion of the works.
- Carefully take down 11m long damaged section of 3.3m high wall to foundation level. Clean down brickwork and set aside for reuse. Extent of brickwork to be salvaged for reinstatement to be agreed with CA.
- Grub up existing foundations and dispose off-site.
- Excavate ground and form new reinforced concrete strip foundations to reinstated 11m length of wall, refer to section A-A for details.
- Rebuild wall as 325mm thick grouted cavity wall to match existing height, 11m long. Refer to section A-A for details. Reclaimed brickwork to be used where possible. Where new brickwork is required, brickwork to be 70N compressive strength and durability designation FL.
- Install new coping stones along 11m section of rebuilt wall.
- Include for removal of trees behind wall within school grounds subject to agreement with Manchester City Council.
- Allow for two number trial pits to be dug to establish existing foundation depths and ground conditions
- Contractor to allow for mortar sampling to identify compatible mortar for use in rebuilding the damaged section of wall.