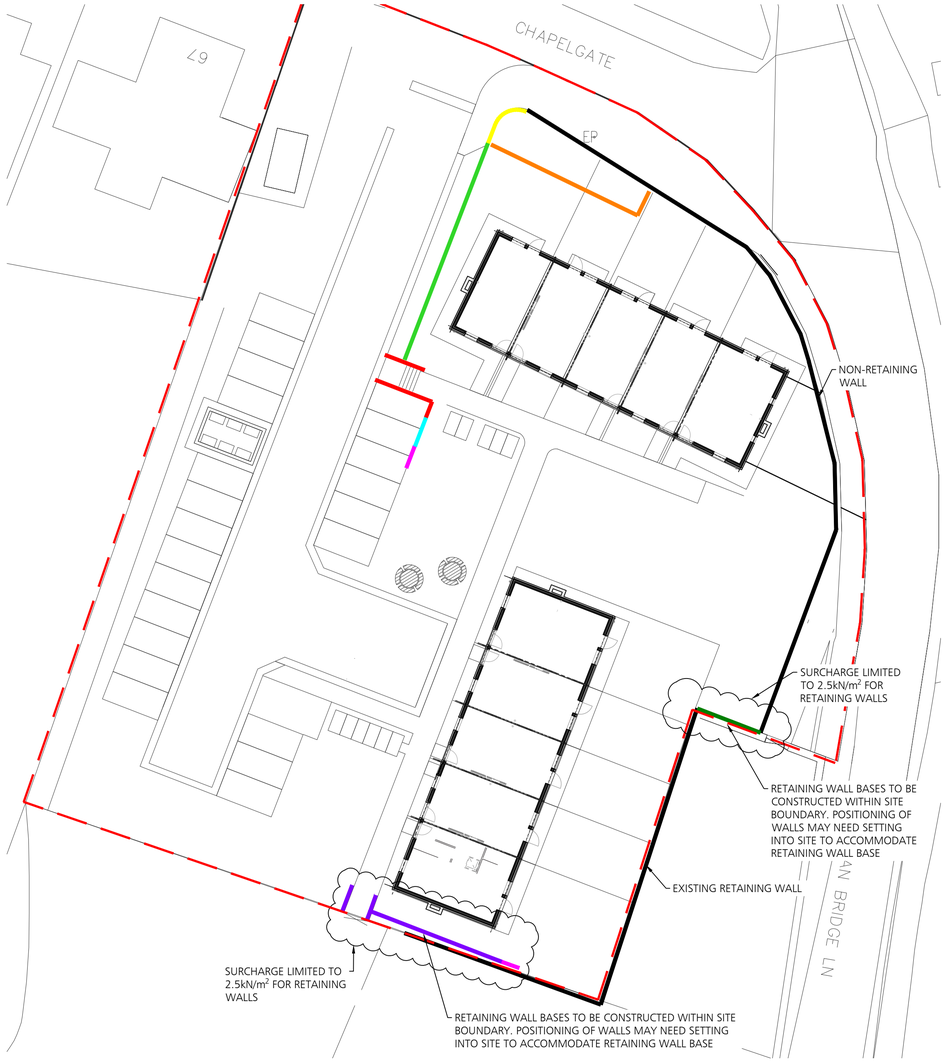
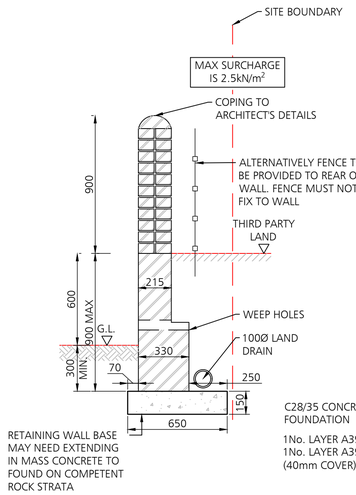
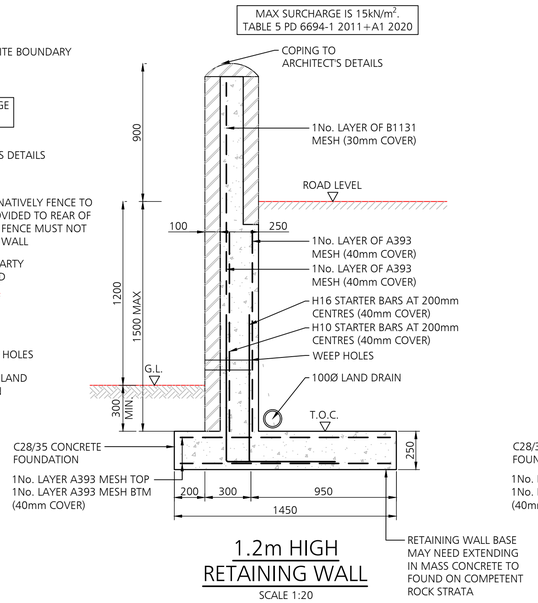


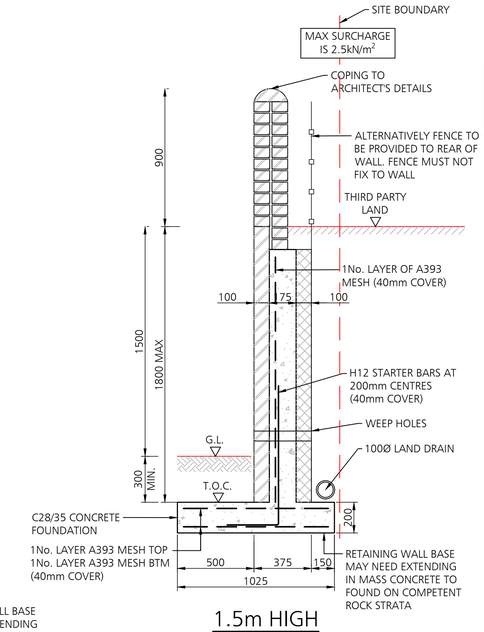

## REFERENCE PLAN
SCALE 1:250



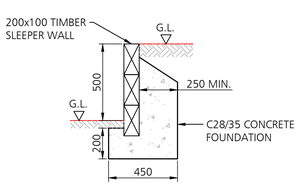

## 0.60m HIGH RETAINING WALL OFFSET BASE
SCALE 1:20



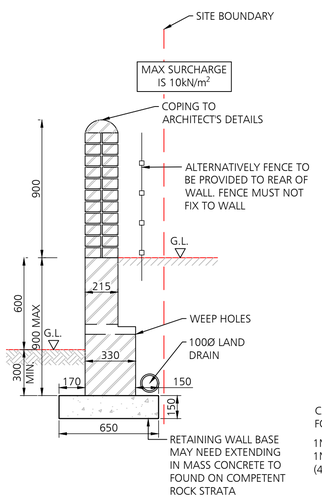

## 1.2m HIGH RETAINING WALL
SCALE 1:20



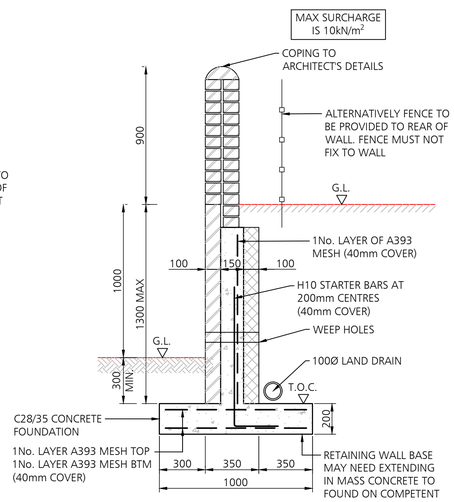

## 1.5m HIGH RETAINING WALL OFFSET BASE
SCALE 1:20



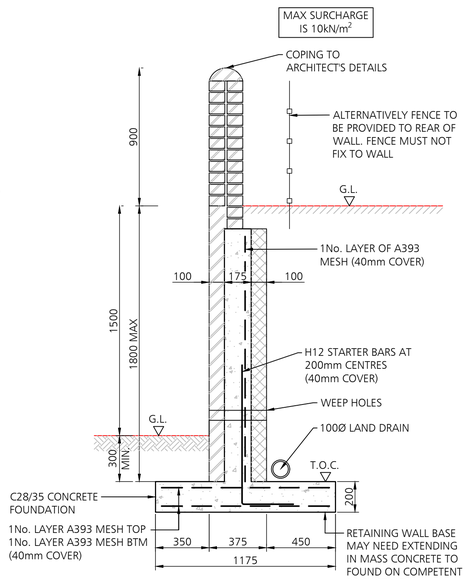

## 0.5m HIGH TIMBER SLEEPER RETAINING WALL
SCALE 1:20



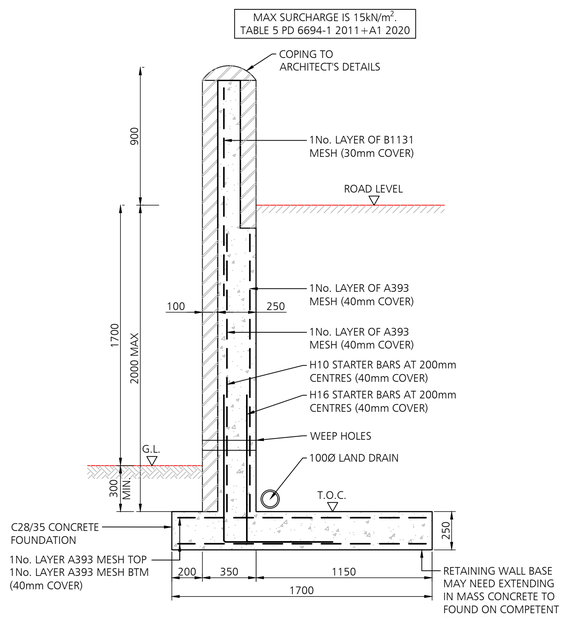

## 0.60m HIGH RETAINING WALL
SCALE 1:20




## 1.0m HIGH RETAINING WALL
SCALE 1:20




## 1.5m HIGH RETAINING WALL
SCALE 1:20




## 1.7m HIGH RETAINING WALL
SCALE 1:20

DO NOT SCALE

### DESIGNERS HAZARD IDENTIFICATION

IT IS ASSUMED THAT ALL WORKS WILL BE UNDERTAKEN BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT. IN ADDITION TO THE HAZARDS TYPICALLY ASSOCIATED WITH THE TYPES OF CONSTRUCTION DETAILED ON THIS DRAWING, ANY KNOWN ABNORMAL HAZARDS SPECIFIC TO THIS SCHEME HAVE BEEN IDENTIFIED.

ABNORMAL HAZARD REFERENCE

NOTES:

1. ALL MASONRY MIN 7.3 N/mm² IN M4 MORTAR
2. WEEPHOLES TO BE 50mm DIA. PIPES SET INTO WALL AT MAXIMUM 1.5m CENTERS, 150mm ABOVE GROUND LEVEL. SHEET OF GEOTEXTILE MATERIAL MINIMUM 300mm x 300mm TO BE PLACED BEHIND EACH HOLE TO PREVENT GRAVEL ENTERING. BACKFILL AT WEEPHOLE LEVEL TO BE 400mm OF 20mm SIZE GRAVEL.
3. EXPANSION JOINT DETAIL, MAXIMUM SPACING 6m OR AS INDICATED ON LAYOUT DRAWINGS. USE 10mm THICK FLEXCELL OR SIMILAR WITH 20mm DEEP x 10mm WIDE POLYSULPHIDE SEALANT.
4. SERVICE PIPES/CABLES TO BE SLEEVED THROUGH BRICKWORK/FOUNDATION
5. BACKFILL TO RETAINING WALLS TO BE SELECTED WELL GRADED FREE DRAINING GRANULAR MATERIAL GRADE 6F1/6F4, LAID AND COMPACTED IN MAXIMUM 150mm LAYERS.
6. REINFORCEMENT TO BE IN ACCORDANCE WITH BS4449 BS8666 & BS4483 GRADE H500 BARS.
7. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH DWG No. 155 PROPOSED EXTERNAL WORKS.
8. MINIMUM LAP TO REINFORCEMENT TO 40 x BAR Ø.
9. STAINLESS STEEL WALL TIES TO BE PROVIDED AT 450mm CENTRES VERTICALLY AND 450mm HORIZONTALLY.
10. COVER TO REINFORCEMENT TO BE 40mm THROUGHOUT.
11. CONCRETE SHALL CONFORM TO THE RELEVANT CLASSES IN BS EN 206-1 & BS 8500-2.

    COMP. STRENGTH CLASS: C28/35
    TO COMPLY WITH DS-4 AND AC-4
    MAX W/C RATIO = 0.55
    MIN CEMENT CONTENT = 320kg/m³
    MAX AGGREGATE SIZE = 20mm
    (MAX AGGREGATE SIZE FOR CAVITY FILL STEM ONLY = 10mm)
12. SETTING OUT TO BE AS PER ARCHITECT DRAWINGS
13. FOUNDATIONS TO BE KEPT DRY AT ALL TIMES.
14. FRONT FACE OF FOUNDATION MUST BE CAST DIRECTLY AGAINST UNDISTURBED OR THOROUGHLY COMPACTED FILL.
15. FOUNDING STRATA TO HAVE MIN. ALLOWABLE BEARING PRESSURE OF 250kN/m². RETAINING WALL BASES MAY NEED TO EXTEND IN MASS CONCRETE DOWN TO SUITABLE STRATA. (T.B.C. ON SITE)
16. BASE OF CAVITY TO BE CLEAR OF MORTAR PRIOR TO POURING CAVITY INFILL.

| DATE | REVISION DESCRIPTION | BY | CHK. | REV. |
|---|---|---|---|---|
| 26.11.25 | RW UPDATED TO SUIT HIGHWAYS DESIGNS | KL | PD | C03 |
| 22.08.25 | SITE BOUNDARY ADDED TO SECTION AND 1.7m HIGH WALL BASE INCREASED | KB | KSL | C02 |
| 07.06.24 | TENDER ISSUE | KB | KSL | C01 |

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PROJECT
SCHOLES
CHAPELGATE

TITLE
RETAINING WALL DETAILS

| SCALE | PAPER | STATUS |
|---|---|---|
| SHOWN | A1 | TENDER |

DRAWING NO. 22055-DCE-XX-XX-D-S-216
REV. C03