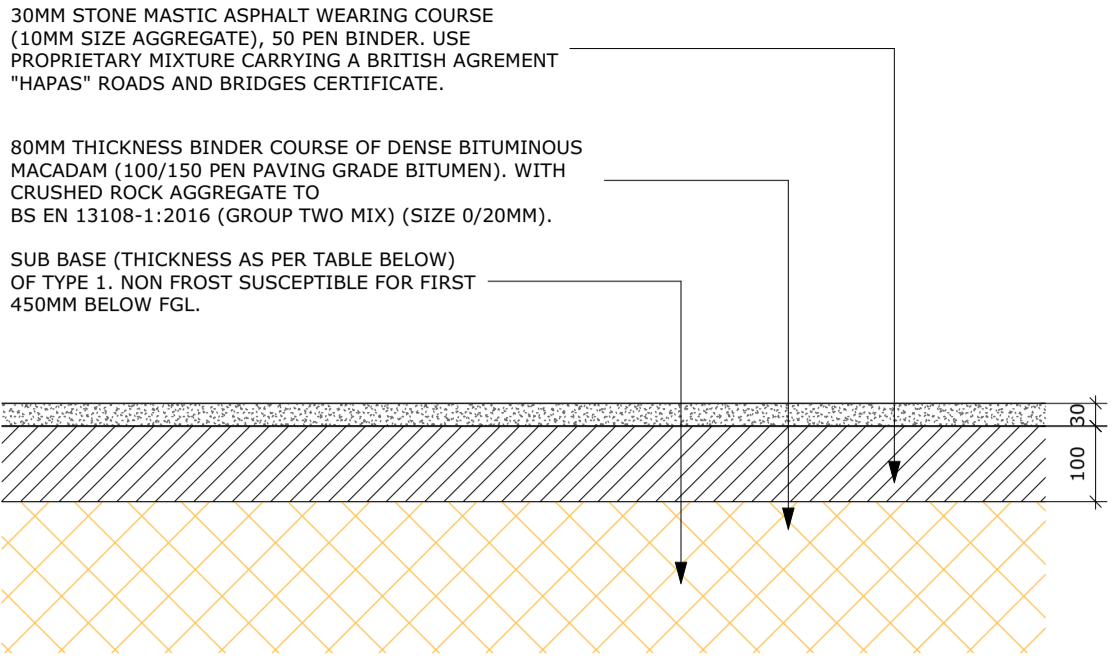
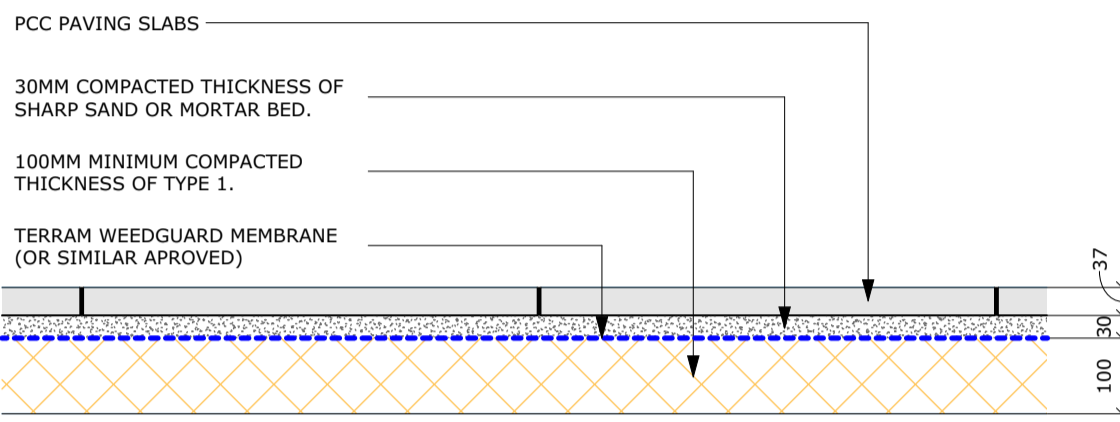


Typical External Works Details



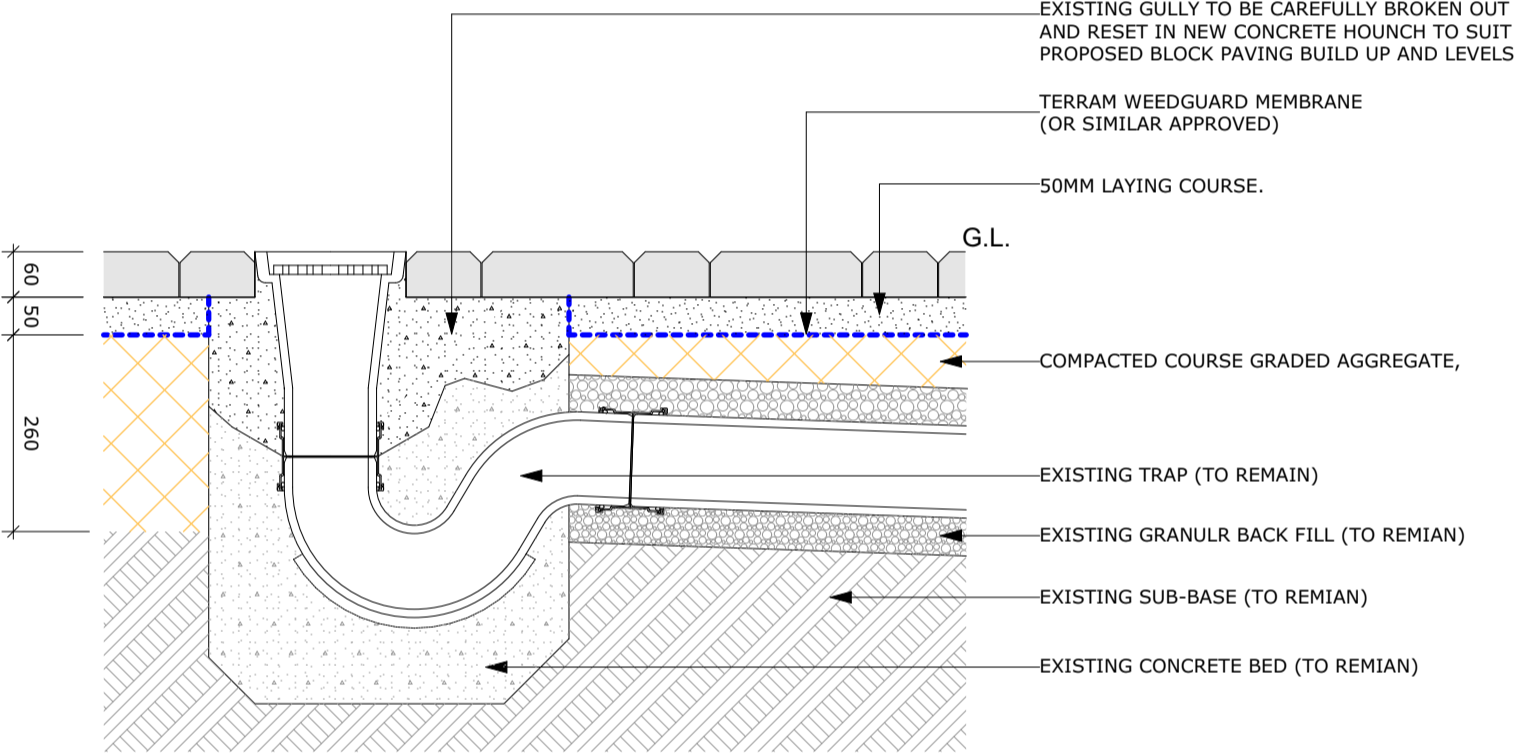
Typical Asphalt Detail

Scale: 1:10



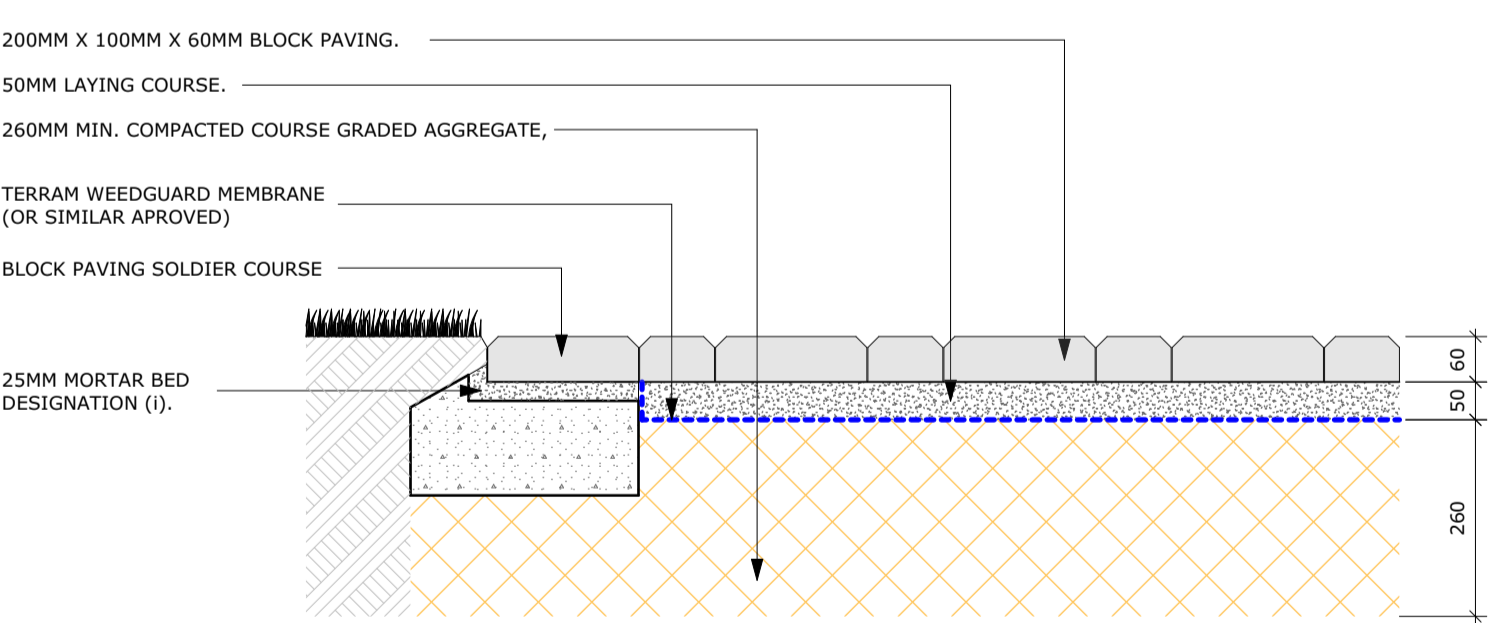
Typical PCC Paving Detail

Scale: 1:10



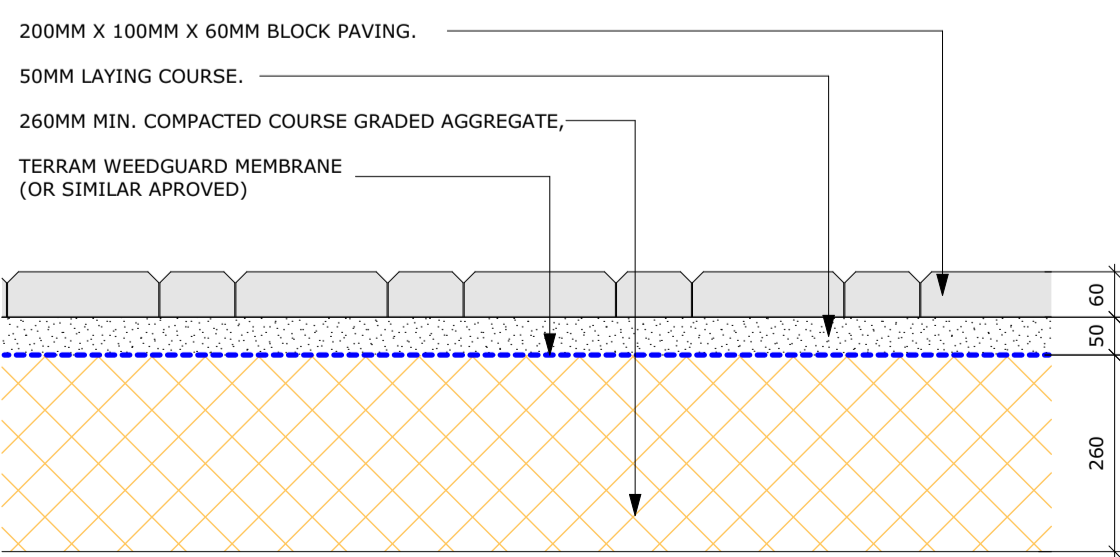
Typical Gully Detail

Scale: 1:10



Typical Block Paving Edging Detail

Scale: 1:10

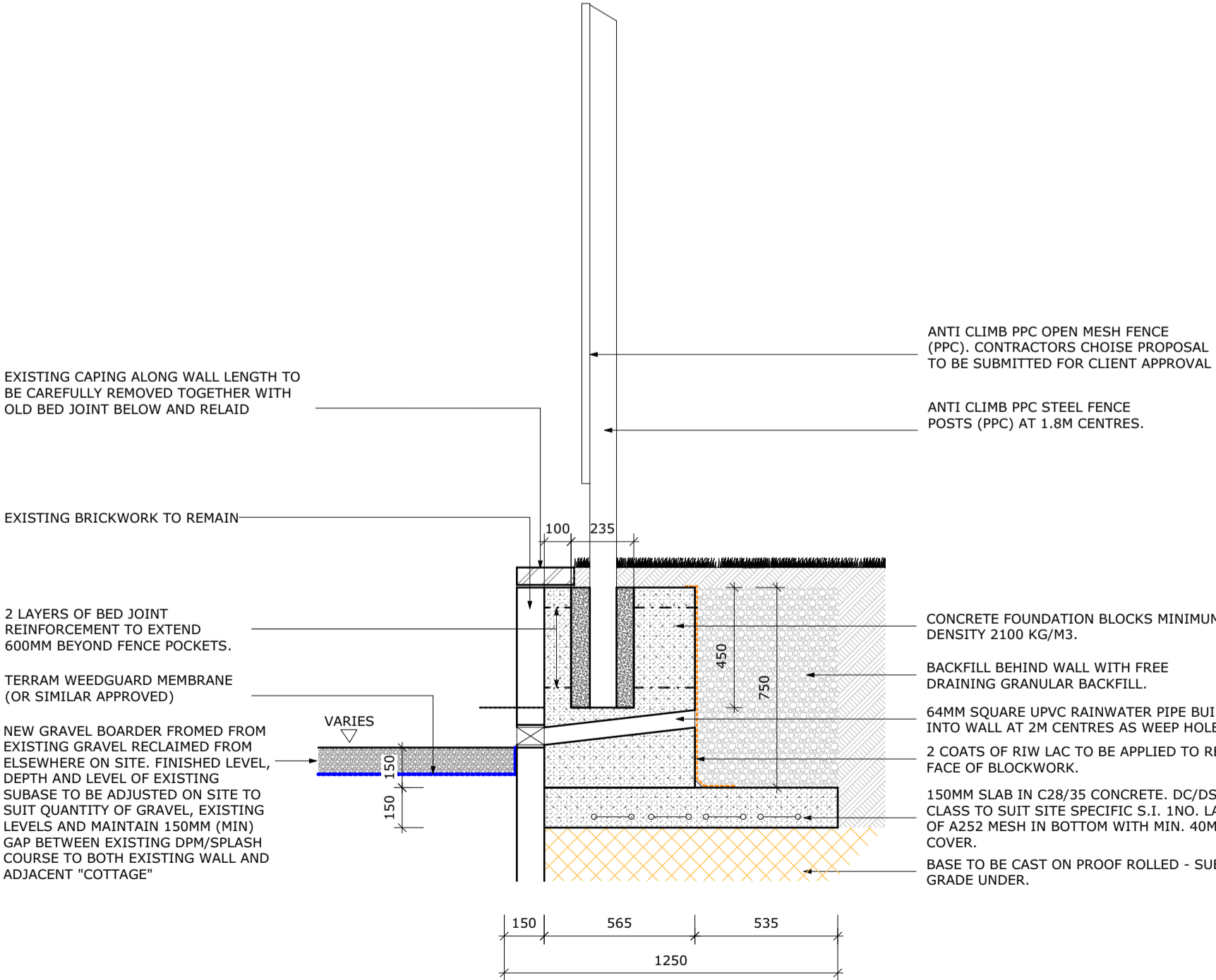


Typical Block Paving Detail

Scale: 1:10

Proposed Retaining Wall

Scale: 1:20



Existing Retaining Wall

Scale: 1:20

GENERAL NOTES:

ENERAL NOTES:

- WIND LOADING TO FENCE PANELS TAKEN TO BE 1.0KN/M2 CALCULATED TO BS 6399-2 BASED ON THE FOLLOWING;
 - A - BASIC WIND SPEED <24M/S
 - B - DISTANCE UPWIND TO SEA FROM SITE >25KM.
 - C - SITE ALTITUDE <120M.
 - D - SITE URBAN TERRAIN >2KM WITHIN TOWN.
 - E - TOPOGRAPHY AND SHELTERING EFFECTS NOT SIGNIFICANT.
 - F - NET PRESSURE COEFFICIENT OF 1.8M.
 - G - MAXIMUM FRNCE HEIGHT 1.8M.

SHOULD ANY OF THE PARTICULAR SITE CONDITIONS VARY FROM THE ABOVE, REFER TO ENGINEER FOR ADVICE.

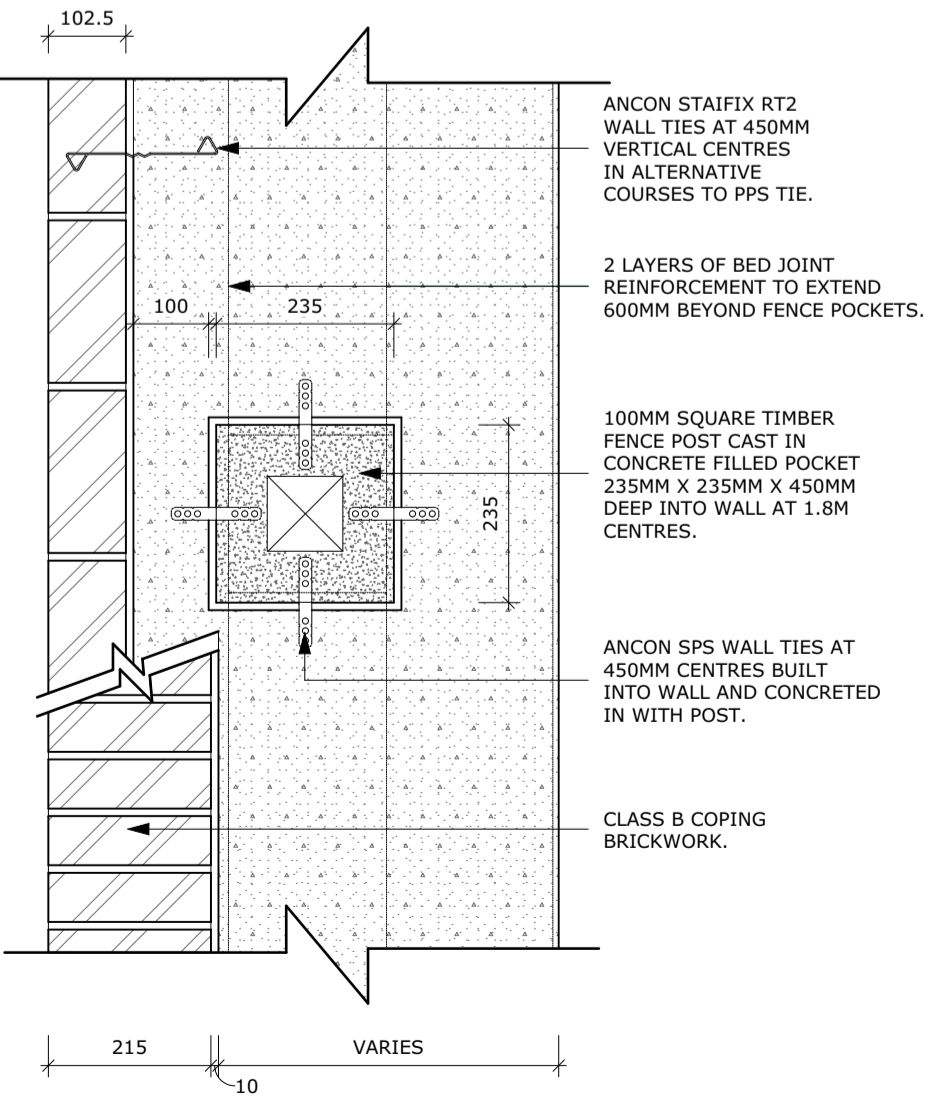
- SURCHARGE LOADING TO WALLS TAKEN TO BE 2.5KN/M2 BASED ON PARKING FOR CARS, LIGHT VANS ETC. NOT EXCEEDING 2500KG GROSS MASS TO BS 6399-1 TABLE 1. SHOULD THE PROPOSED RETAINING STRUCTURE BE LOCATED IN A MORE ONEROUS LOCATION E.G. ADJACENT TO THE HIGHWAY, SITE BOUNDARY, OR SHALLOW BUILDING FOUNDATIONS REFER TO THE ENGINEER FOR FURTHER ADVICE.
- WEEP HOLES TO BE PROVIDED THROUGH MASONRY WALL AT MAXIMUM 2M CENTRES AS NEAR TO THE BASE AS POSSIBLE, BUT MIN. 150MM ABOVE BASE OF WALL. 64MM X 64MM UPVC PIPE BUILT INTO WALL OR SIMILAR.
- BACKFILL TO BE CLEAN, FREE DRAINING GRANULAR MATERIAL WITH MINIMUM ANGLE OF SHEARING RESISTANCE OF 300 ; E.G. H.A. CLASS 6/2/6/5, TYPE 1 STONE (0.5A.) WELL COMPACTED IN LAYERS IN ACCORDANCE WITH S.F.H.W.

MASONRY WALL NOTES:

- ALL MATERIALS AND WORKMANSHIP IN ACCORDANCE WITH BS 5628 PARTS 1-3.
- ALL MASONRY RETAINING WALLS TO BE CONSTRUCTED IN 140MM 10.4N BLOCKS LAID FLAT IN M6(ii) MORTAR. BLOCKS TO HAVE MINIMUM DENSITY 2100KG/M3.
- ALL BASE SLABS TO MASONRY WALLS TO BE 150MM THICK IN MIN. C28/35 STRENGTH CONCRETE WITH 1NO. LAYER A252 MESH IN BOTTOM. TO MATERIALS AND WORKMANSHIP IN ACCORDANCE WITH BS 8110 PARTS 1-3.
- MESH REINFORCEMENT IN ACCORDANCE WITH BS 4483 MIN. 500MM LAP BETWEEN SHEETS.
- CONCRETE MIXES TO SUIT DESIGN SULPHATE, DESIGN CHEMICAL AND AGGRESSIVE CHEMICAL CLASSES (DC-/DS-/AC/) TO SUIT SITE SPECIFIC GROUND CONDITIONS - REFER TO S.1.
- COVER TO REINFORCEMENT TO BE MIN. 40MM OR LARGER TO SUIT DC/DS/AS CLASSES.

FOUNDATION NOTES.

- MASONRY WALL DESIGN BASED ON ALLOWABLE BEARING CAPACITY OF 75KN/M2 AT FORMATION LEVEL INDICATED.
- SHOULD SUITABLE BEARING STRATUM NOT BE ENCOUNTERED AT THE DEPTHS INDICATED, EXCAVATIONS SHOULD CONTINUE AND THE RESULTING VOID BACKFILLED WITH TYPE 1 STONE, WELL COMPACTED LAYERS, OR LEAN MIX CONCRETE (SUITABLY SPECIFIED TO SUIT SITE CONDITIONS).
- ANY SOFT SPOTS AT THE FORMATION LEVEL TO BE REMOVED AND THE RESULTING VOID BACKFILLED WITH TYPE 1 STONE, WELL COMPACTED IN LAYERS, OR LEAN MIX CONCRETE (SUITABLY SPECIFIED TO SUIT SITE CONDITIONS).
- IF THE WALLS ARE TO BE FOUNDED IN "SUITABLE" MADE GROUND, FORMATIONS SHOULD BE PROOF-ROLLED AND INCLUDE 150MM WELL-COMPACTED TYPE 1 STONE. IN THIS INSTANCE SITE SPECIFIC ENGINEER DESIGN IS REQUIRED.
- PROVIDE MINIMUM 50MM SAND OR MASS CONCRETE (SUITABLY SPECIFIED TO SUIT SITE CONDITIONS) BLINDING UNDER SLAB.



Plan at Fence Post Location

Scale: 1:10

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Client
Action Homeless

Project Title
**Proposed Alterations
Mayfield House, St James Terrace /
Mayfield Road,
Leicester**

Drawing Title
External Works Details

Drawing Status

Tender

Scales: 1:10, 1:20	Original Paper Size: A1
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