Sheet Pile wall to negate temporary works supporting public footpath and limit excavation impact on existing services within footpath.
Level difference between site and footpath/road requires assessment by a Highways engineer to determine vehicle impact loading requirements are applicable. Provides a safe area for the piling mat within the site.

Non retaining boundary walls to be to McCarthy and Stone/Landscape architects standard details.
Minimum foundation to be 600mm wide x 300mm thick.
Underside of footing minimum 750mm below ground level.

Vehicle barrier required - subject to highways engineering design advice & structural engineer's design.

Vulnerable corner - due to vehicle impact, use contig pile wall.

3 no. 140mm risers

Congested area for drainage, access such no room for retaining wall use contig pile wall.

Retaining wall design based on limited site investigation information. Further investigation required to confirm safe ground bearing pressure at the retaining wall locations prior to final design.

Reinforced concrete retaining wall to back edge of parking and footpath designed for vehicle containment.

Rebar to be H20 bars at 150mm centers with H12 distribution steel at 150mm centers.

Rebar weight 370kg per meter run of wall.

Shaded zone denotes sheet piled wall designed by specialist

Existing wall / gate to be left in-situ

Concrete steps to be reinstated

Fence boundary treatment TBC following demolition and survey of inaccessible area

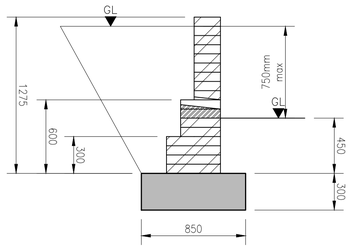
Boundary Wall Type 3

Boundary Wall Type 2

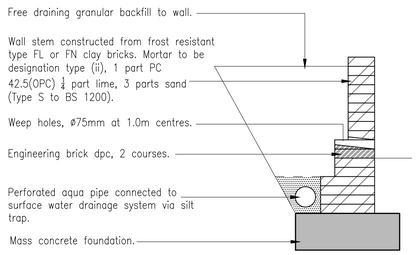
Wall Type 2

Wall Type 1

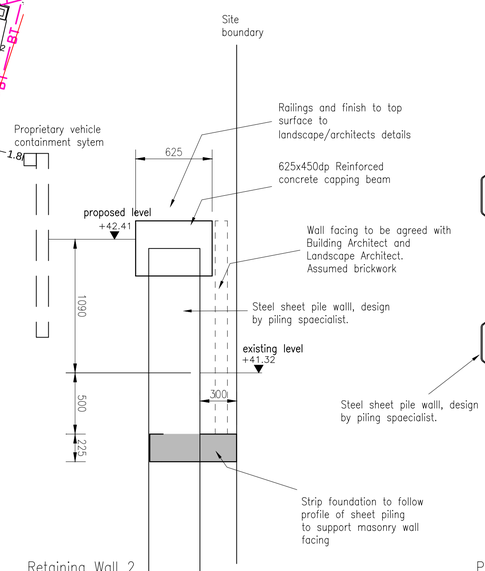
Vehicle barrier requir to highways engineerin advice & structural eng design.



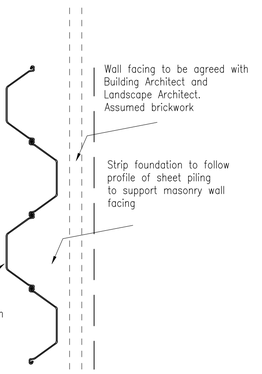
Retaining Wall 1
(wall dimensions)
scale 1:25



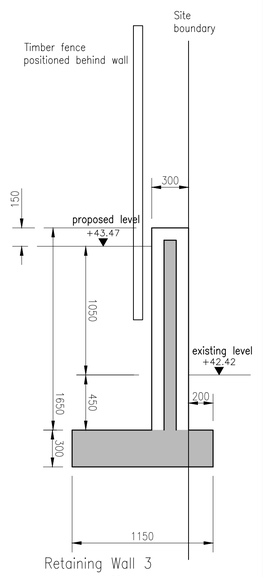
Retaining Wall 1
(construction principles)
scale 1:25



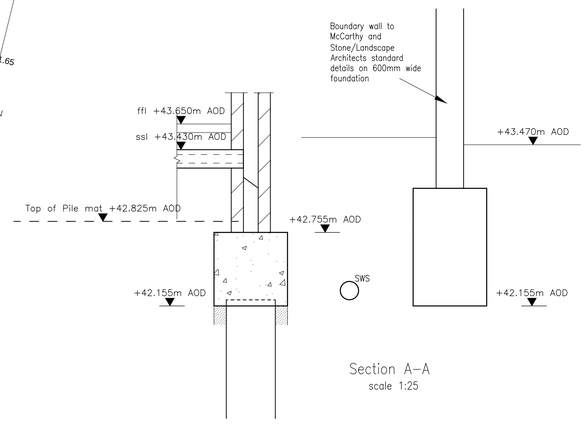
Retaining Wall 2
scale 1:25



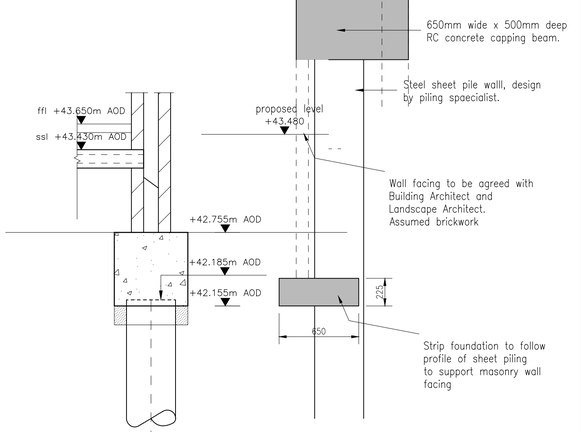
Plan on Wall 2
scale 1:25



Retaining Wall 3
scale 1:25



Section A–A
scale 1:25



Bored Pile Wall Adjacent Footpath
scale 1:25

Notes:

THIS DRAWING IS NOT TO BE SCALED

1. Cross-references

This drawing is to be read in conjunction with all relevant architects' and engineers' drawings and specifications. Any inconsistencies or errors should be referred to the engineer immediately and confirmed in writing.

revision suffix	Revision details	Date
A	Wall2 amended/sheet pile	09/02/18

Client
McCarthy & Stone
Later Life. Greater Life

Architect
kenn scaddan associates architects

Job title
Proposed Retirement Apartments
London Road
Purbrook

Drawing title
External Retaining Walls

Graham Garner and Partners Limited
Arrowsmith Court 10 Station Approach Broadstone Dorset BH18 8AX
Telephone 01202 697341 Fax 01202 601852 Web www.ggpl.co.uk
CONSULTING CIVIL, STRUCTURAL AND GEOTECHNICAL ENGINEERS

chk.	date	scale @ A1	drawn
	Dec 17	1:100	PH

DRAWING No: SO-2168-05-SE-006 GGP ref; 8377-006 A