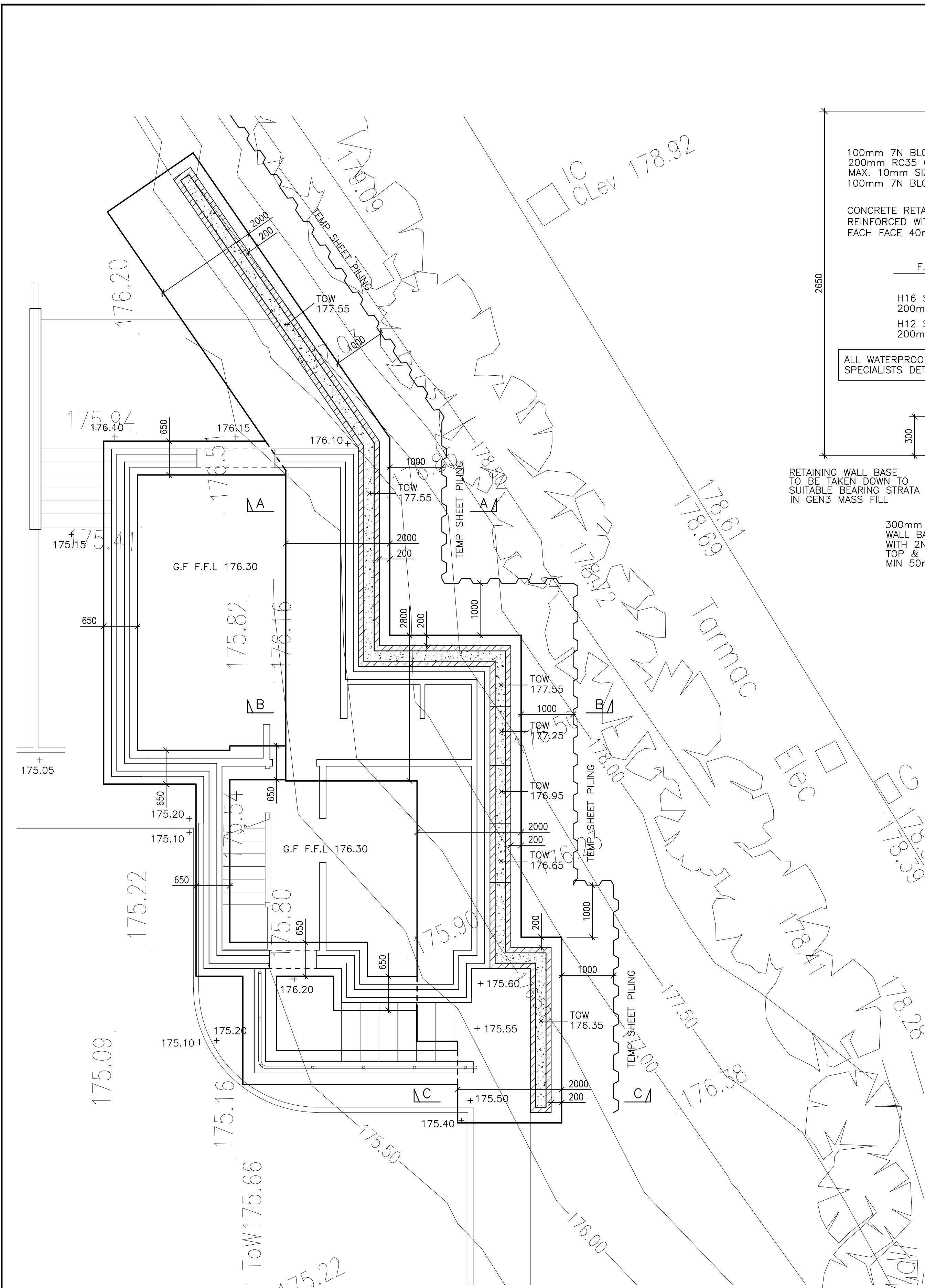
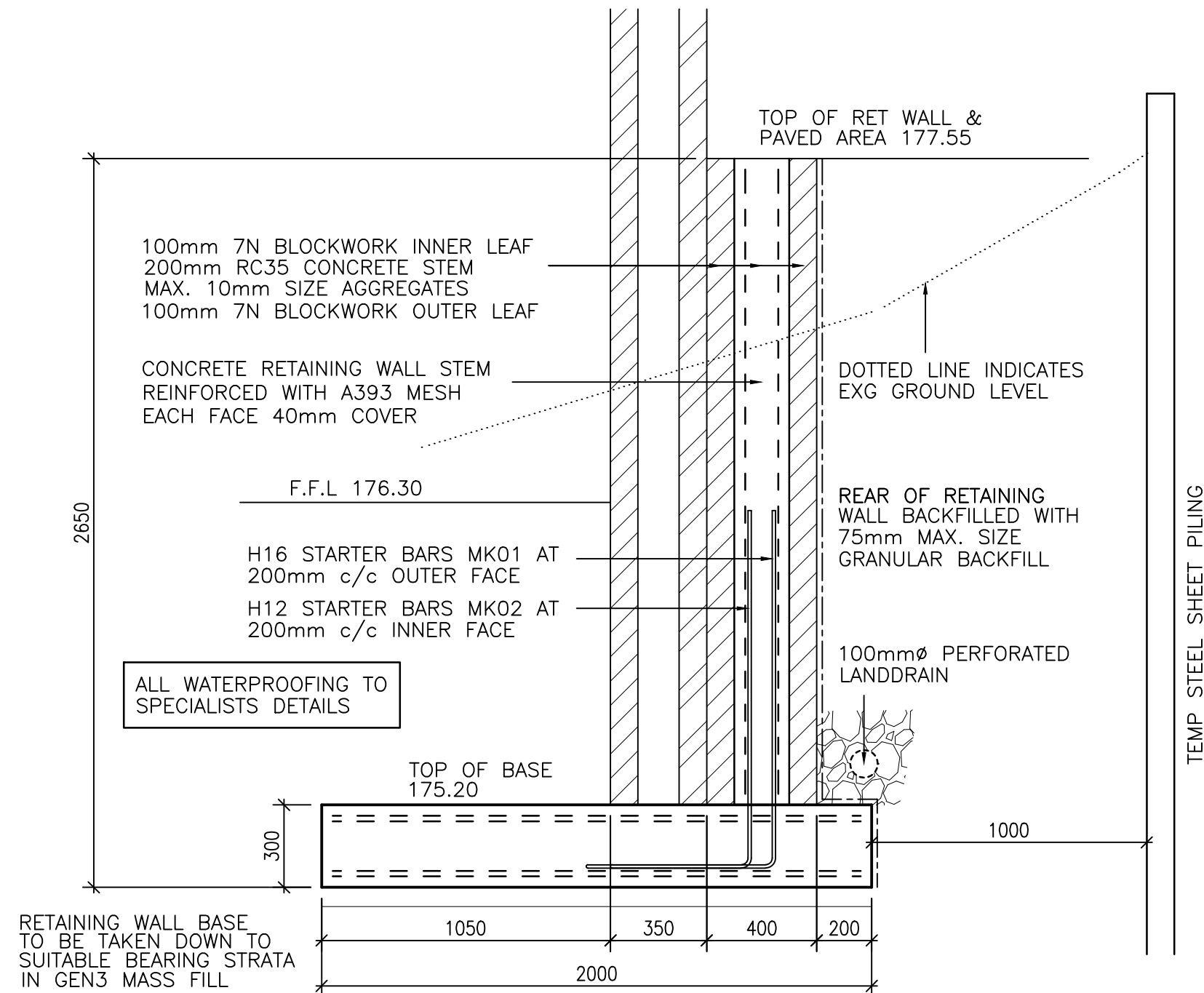
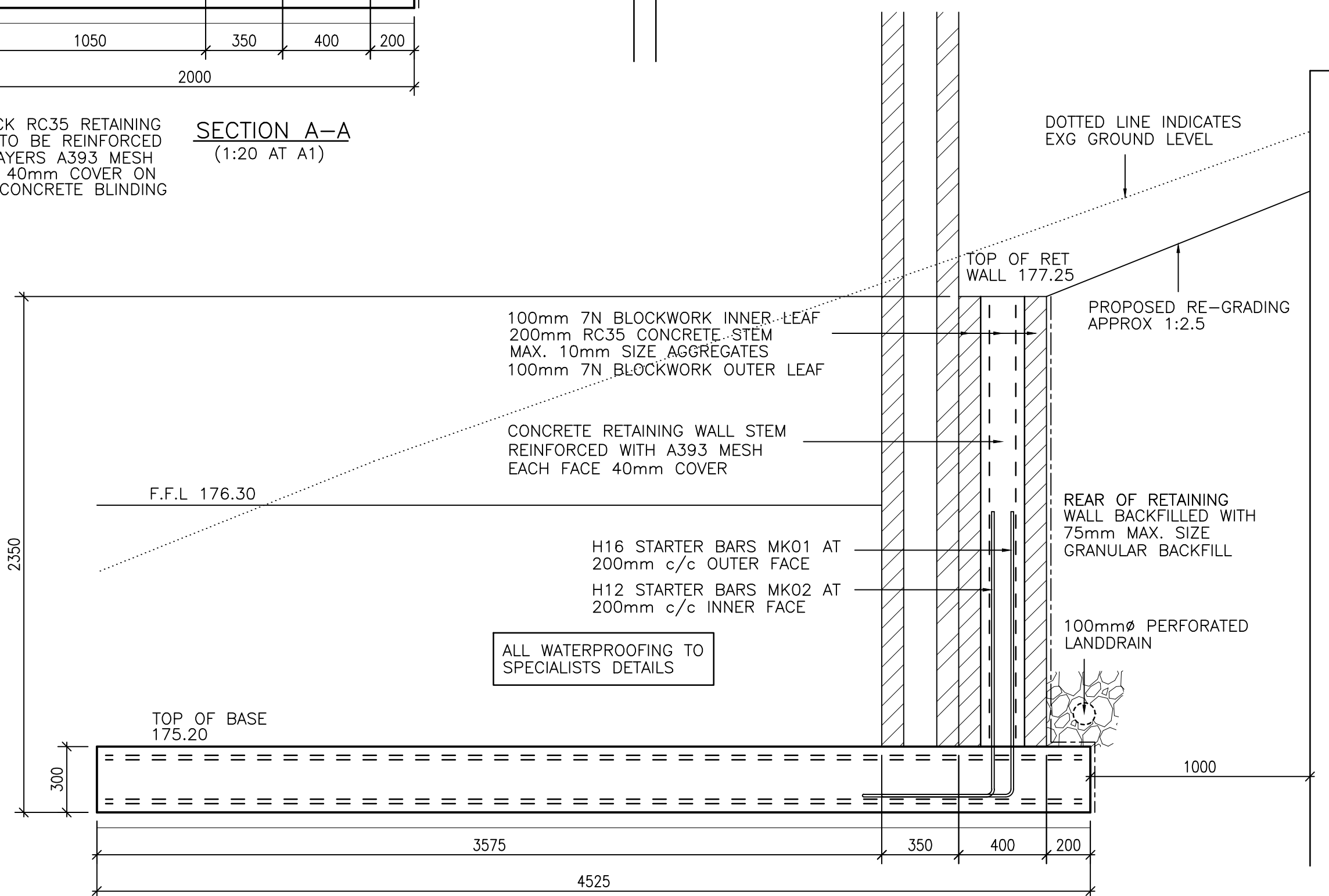




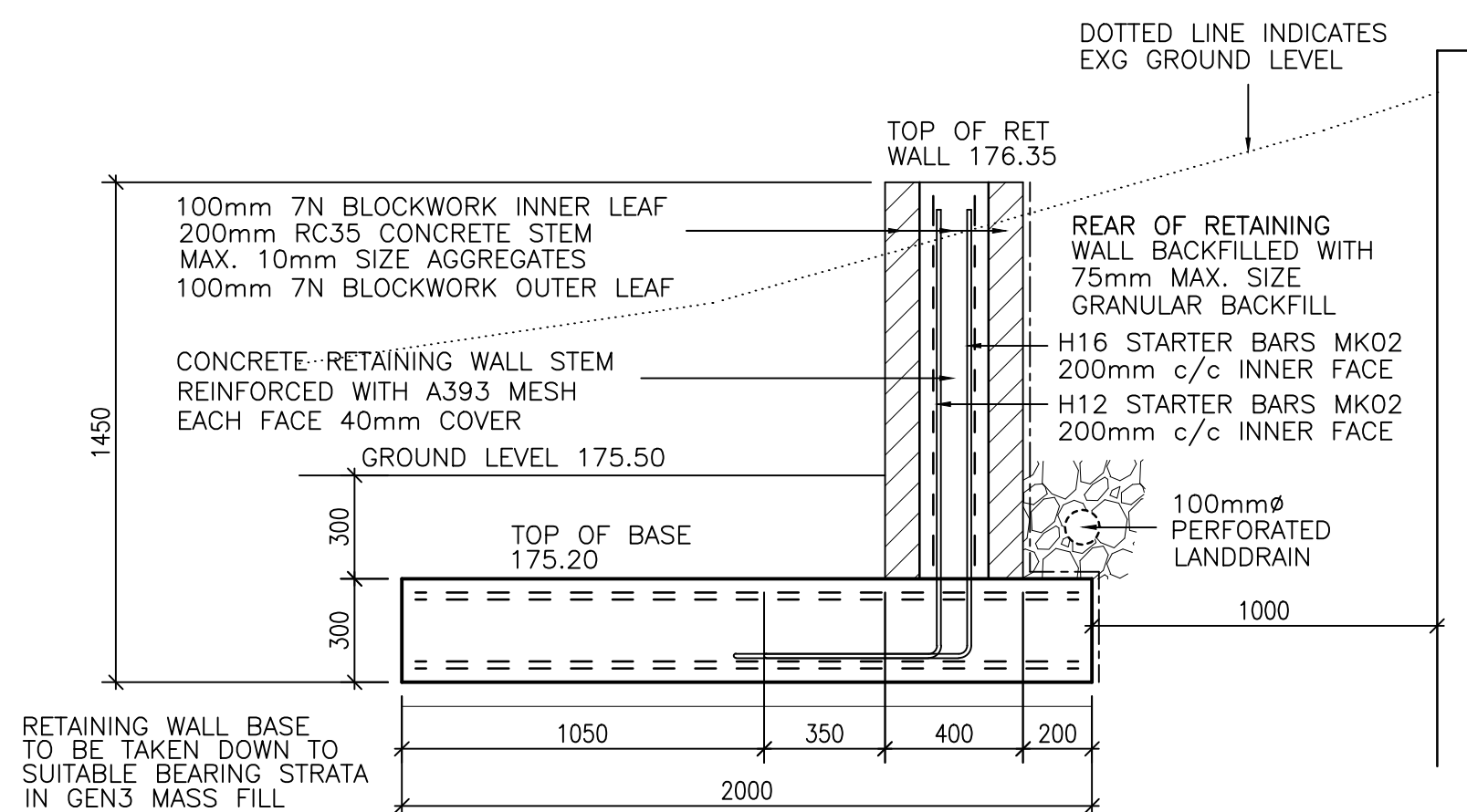
FOUNDATION LAYOUT
(1:50 AT A1)



SECTION A-A
(1:20 AT A1)



SECTION B-B
(1:20 AT A1)



SECTION C-C
(1:20 AT A1)

RETAINING WALL NOTES:

- Retaining wall to be founded on natural undisturbed ground capable of safely sustaining 100 Kn/m².
- Retaining wall to be adequately propped during backfilling.
- Cavity to be filled in max. 450mm lifts.
- Contractor is to provide adequate propping of excavation.
- Backfilling to buried wall to be done in alternate equal lifts not exceeding 300mm.
- Prior to commencement of construction all dpm's/ tanking details to be agreed with architect.
- Concrete to base of retaining wall to be grade RC35 with a minimum cement content of 300 Kg/m³. Maximum free water/cement ratio of 0.60.
- Concrete to cavity infill to be grade RC35 with a minimum cement content of 300Kg/m³. Maximum free water/cement ratio of 0.6 Maximum aggregate size of 10mm.
- Wall ties to be min 40x3mm thk stainless steel safety ties. Positioned at 450 vertical centres and 750 staggered horizontal centres.
- Weepholes of not less than 75mm dia at not more than 2m centres and 300mm above the lower finished ground level to be provided.
- 100mm dia land drain to be provided at rear of retaining wall and surrounded with a free draining granular material.
- Earth face of retaining wall to be painted with a waterproofing compound, riw or similar approved.
- Prior to commencement of construction all dpm's/ tanking details to be agreed with the architect.
- Brickwork to be FL20 (frost resistant) using 1:3 mortar with plasticiser.
- This drawing to be read in conjunction with all relevant Architect's, Engineer's and specialist's drawings and specifications.

FOUNDATION NOTES:

- All concrete to be grade RC35 in accordance with BS8500: 1-2002
- Concrete to be properly vibrated.
- Cover to fabric reinforcement to be :-
40mm - Top
40mm - Btm.
40mm - Sides.
- Lap to mesh reinforcement to be 400mm.
- General contractor to provide support bars to ensure correct positioning of reinforcement.
- At any daywork joints there must be continuity of reinforcement, and concrete shall have laitance removed before the next pour is undertaken.
- Area of site to be stripped of all vegetable and deleterious matter.
- To make up formation additional layers of stone hardcore must be used laid in 150mm max. layers, each layer to be well consolidated with a vibrating roller.
- Vibrating roller to be 3000Kg/m. Each 150mm layer of hardcore to be consolidated with a minimum of 8 no. passes of the roller.
- Foundations to be founded on ground with an allowable bearing capacity of 100KN/m². Inspected & agreed with the Local Authority Building Control Officer.
- All blockwork below D.P.C. to be 7N solid. Brickwork /Blockwork below D.P.C. to be laid using 1:3 mortar with plasticiser.
- Brickwork below D.P.C. to be 20N Min. FL grade using 1:3 mortar with plasticiser.
- All walls to be positioned centrally on foundations. Unless noted otherwise.
- Insulation, dpc's & dpm's to Architects details.
- This drawing to be read in conjunction with all relevant Architect's, Engineer's & specialist's drawings & specifications.

rev	date	revisions	initials
client			
MR. S.MORT			
project			
PROPOSED DEVELOPMENT AT 99 BURY NEW ROAD, RAMSBOTTOM, BL0 0BZ			
drawing			
FOUNDATION LAYOUT & DETAILS			
PWA Philip Wright Associates Consulting Structural Engineer Union Street, Ramsbottom, Bury, BL0 9AN Telephone: 07939 547865 Email: info@philipwrightassociates.co.uk			
drawn	D.Whittaker	date	12.12.23
scale	AS NOTED	checked	
contract no.	3083	drawing no.	02