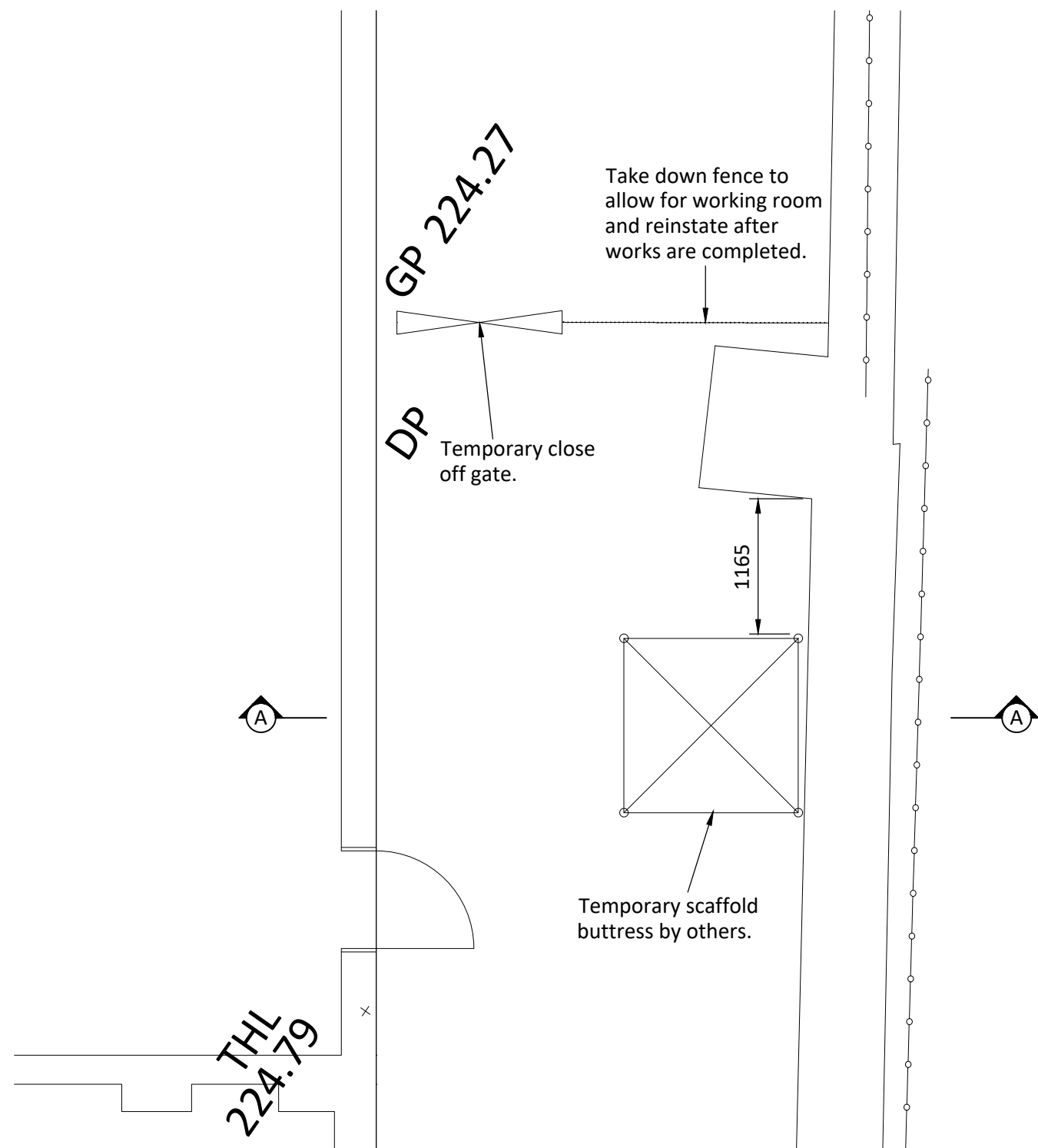
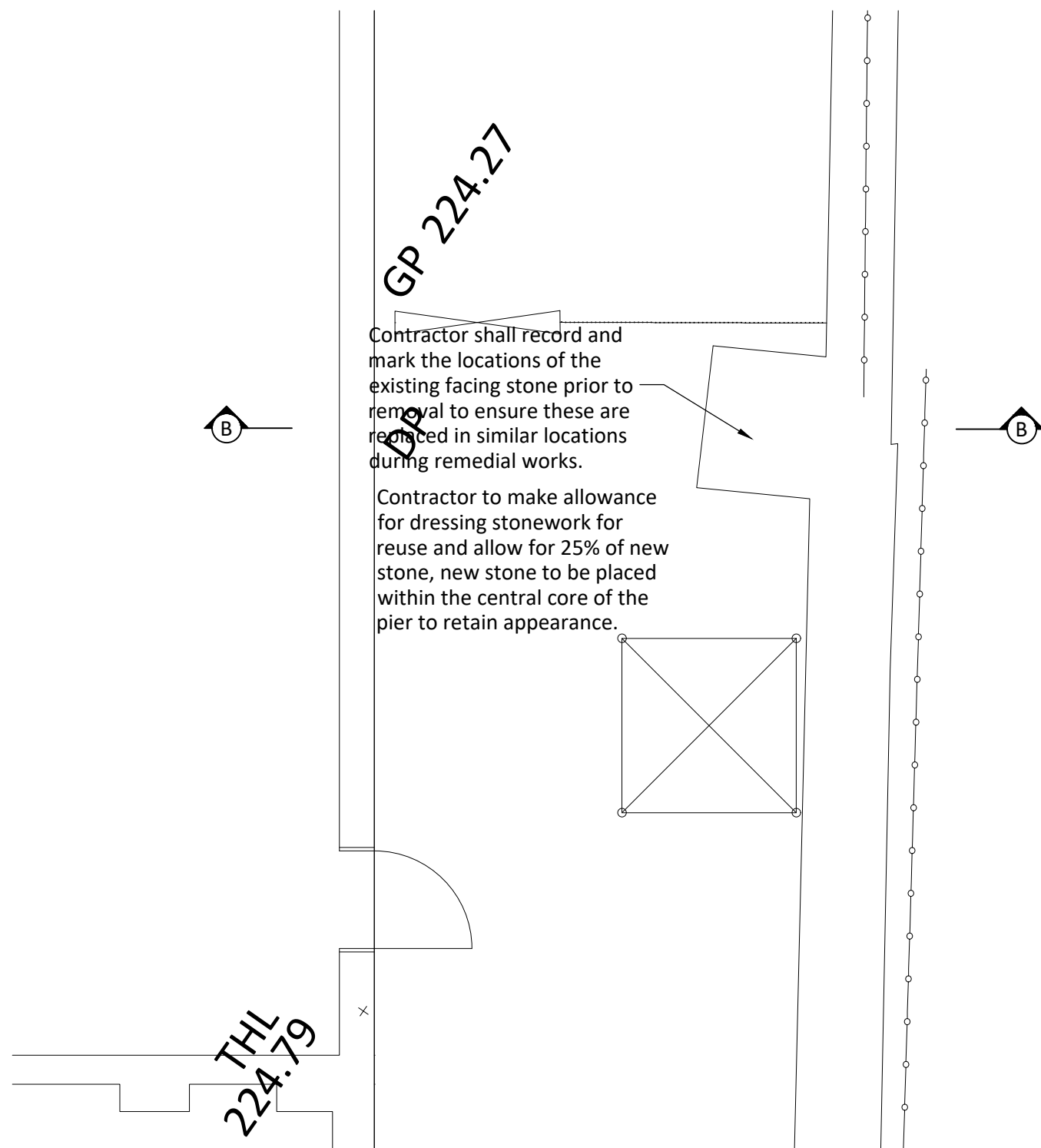
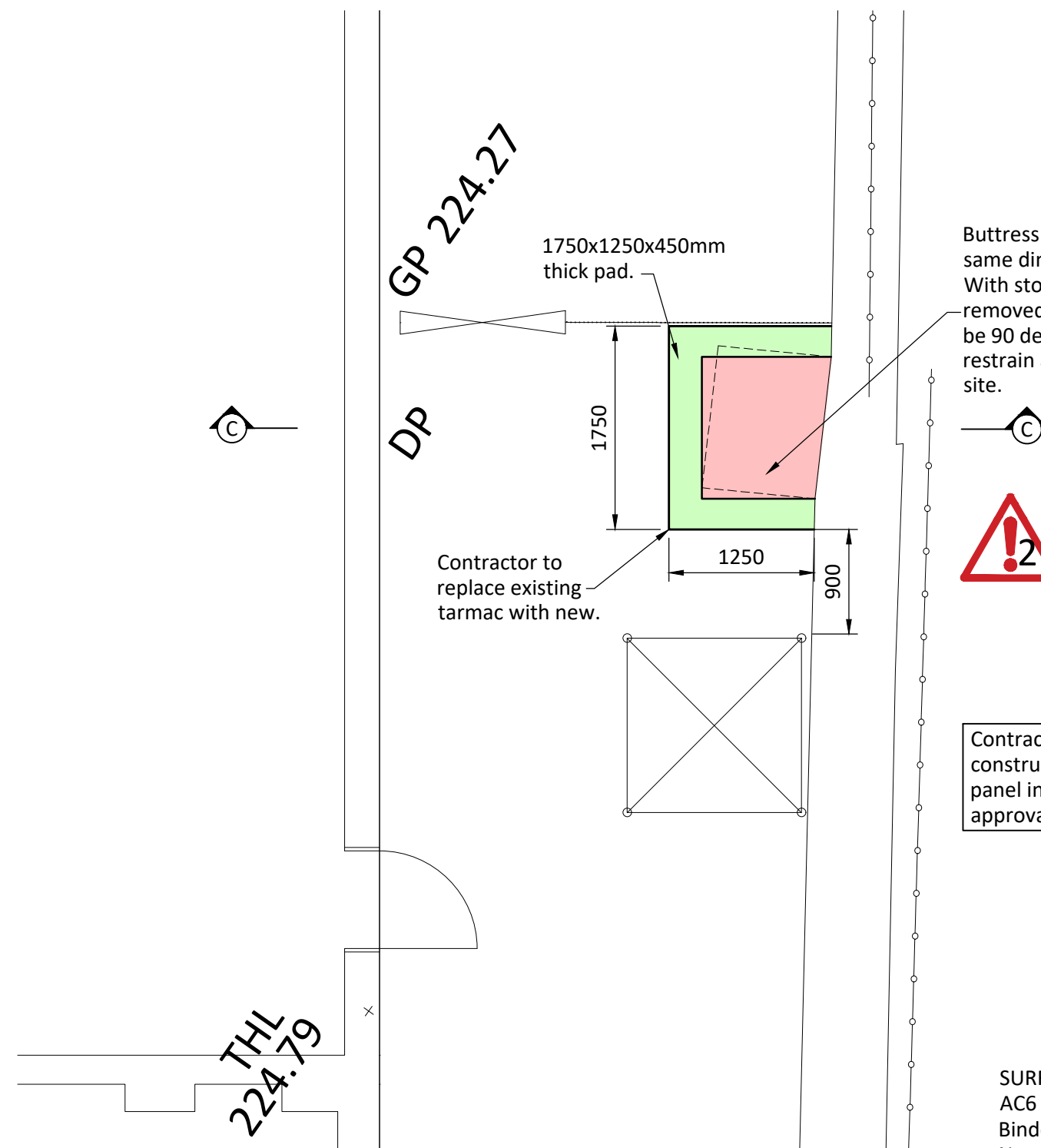




Wall B Sequence 1



Wall B Sequence 2



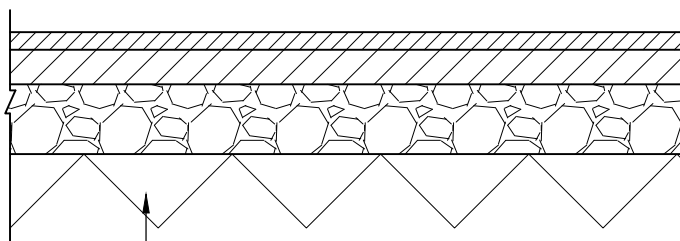
Wall B Sequence 3



SURFACE COURSE:
AC6 dense surf PD6691 Annex B
Binder Grade 100/150
Nominal thickness 25mm

BINDER COURSE
AC20 dense bin PD6691 Annex B
Binder Grade 100/150
Nominal thickness 50mm

SUB-BASE:
Type 1 Clause 803 DTp SHW
Nominal thickness 100mm

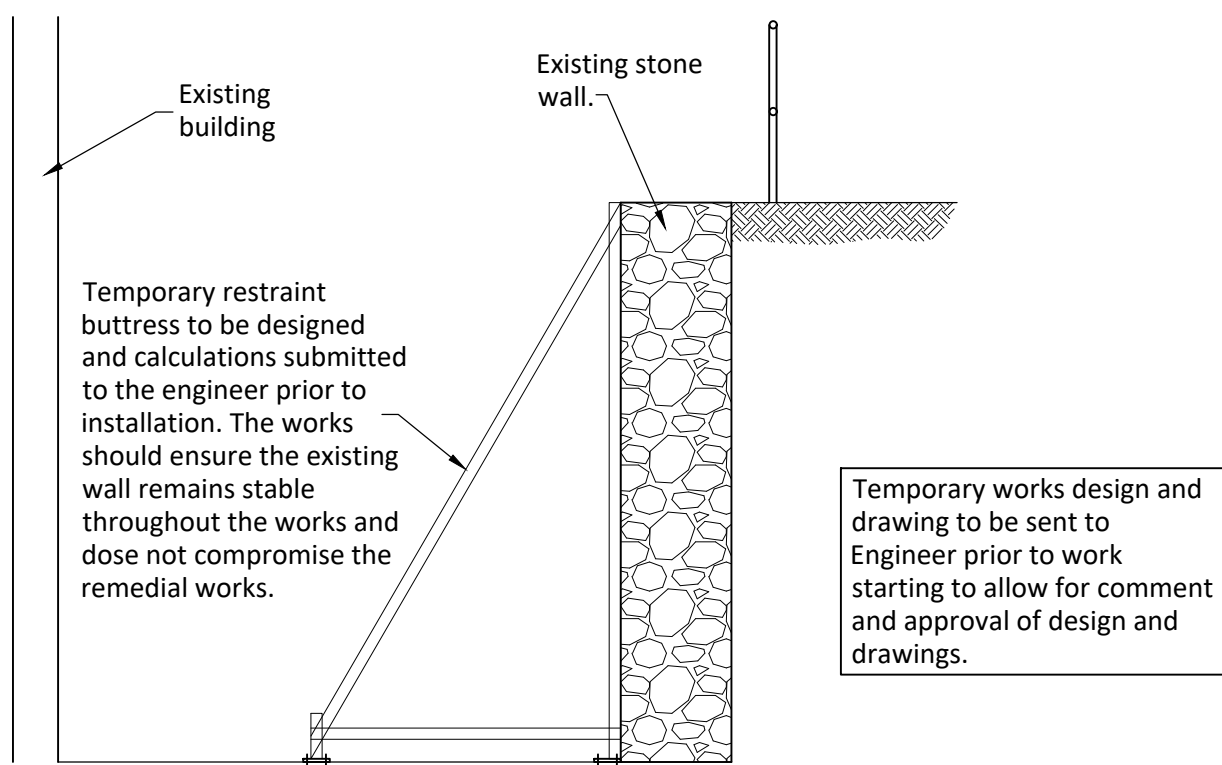


Existing Ground Formation Level - Soft to firm sandy CLAY.

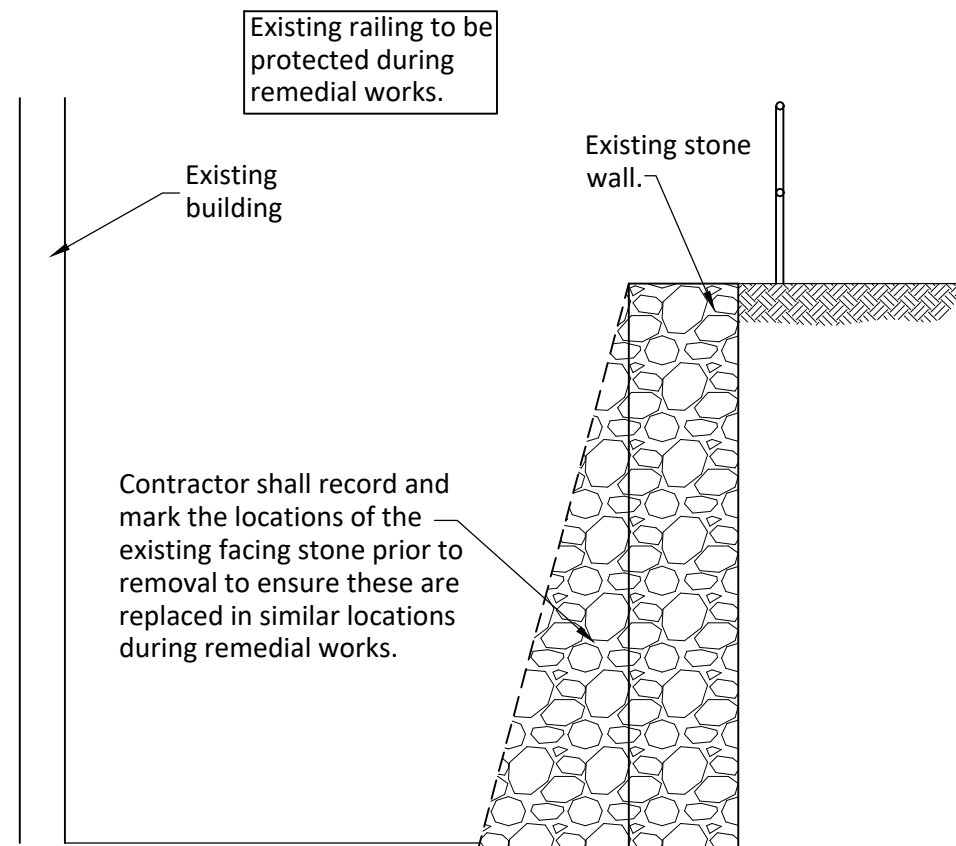
Natural Hydraulic Lime 3.5 (>3.5 to <10 MPa @28 days) 1:2.5 Sharp Sand by Volume. Sharp sand to BS EN 933-1

Refer to C2C drawing 210309-C2C-XX-XX-M2-S-004 for site layout and constraints plan.

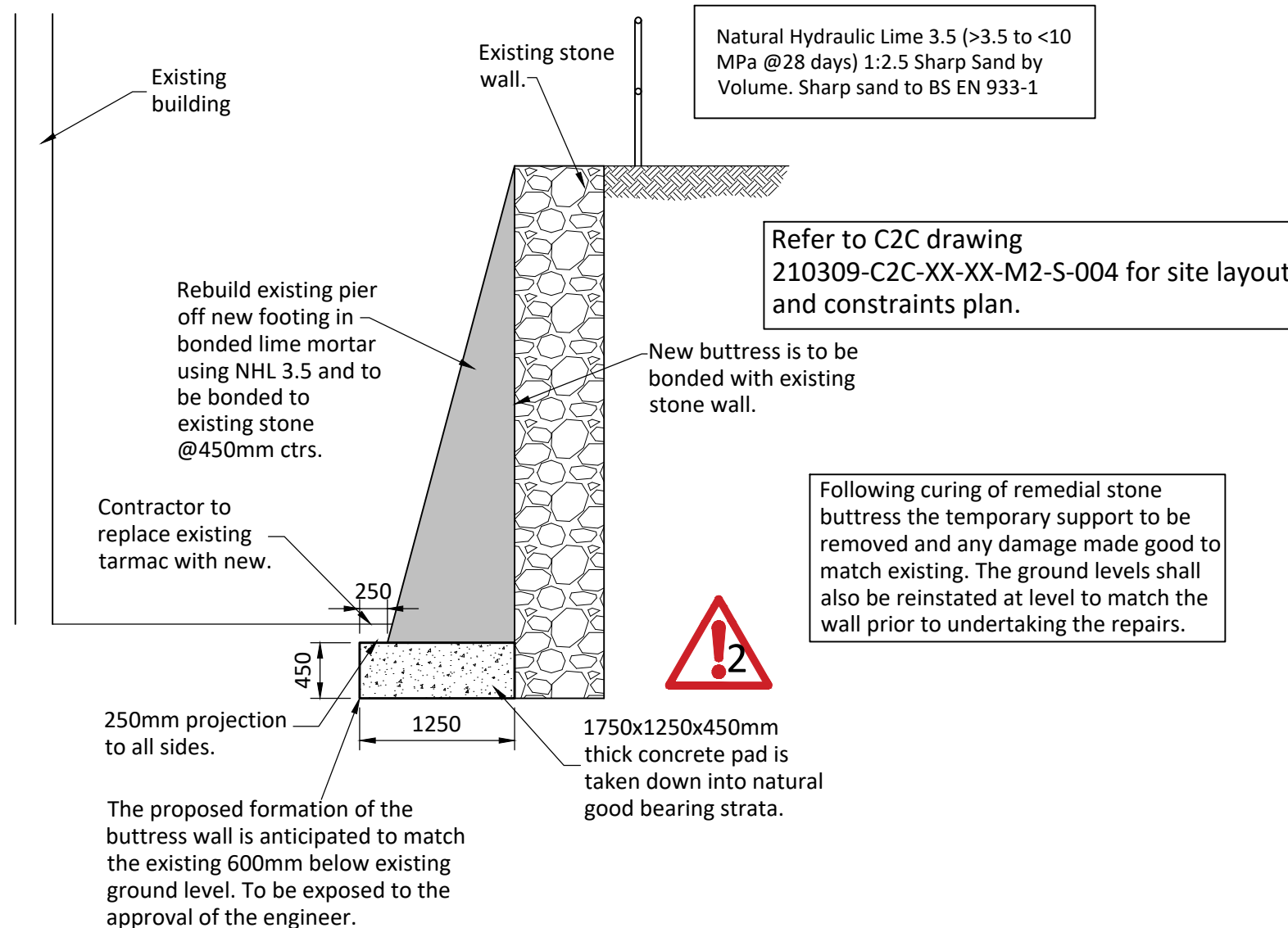
Following curing of remedial stone buttress the temporary support to be removed and any damage made good to match existing. The ground levels shall also be reinstated at level to match the wall prior to undertaking the repairs.



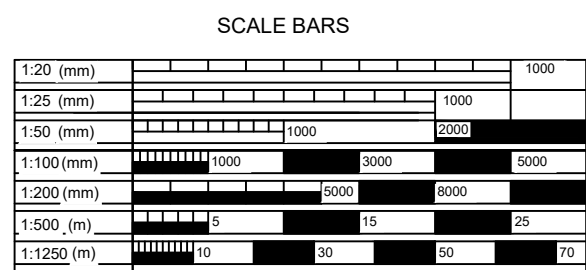
Section A-A



Section B-B



Section C-C



- General Notes
1. This drawing is to be read in conjunction with all other project drawings and specifications.
 2. All dimensions are in millimetre's unless otherwise stated.
 3. Should there be any conflict between the details indicated on this drawing and those indicated on other drawings the Project Engineer shall be informed PRIOR to construction on site.
 4. Until technical approval has been obtained from the relevant Authority, it should be understood that all drawings issued are Preliminary and NOT for construction. Should the Contractor commence site work prior to such approval being given, it is entirely at his own risk

FOUNDATIONS

1. All organic material / topsoil / made ground is to be stripped from within the areas of the buildings and external works, levels to be taken after site stripping and agreed with the supervising officer as the work proceeds.
2. Foundations have been designed using an allowable net bearing pressure of 100kN/m². To be founded on an undisturbed, naturally occurring strata OR improved weak and/or made ground as applicable. Any over dig to reach a suitable formation level (or to accommodate adjacent deeper drainage) is to be made up in Gen 3 concrete. All formations are to be approved by the Building Control Inspector.
3. Construction joints and steps in foundations are to be in accordance to NHBC standards chapter 4.4 (latest revision).
4. All foundation shall have a common top level unless noted otherwise.
5. Foundation concrete to be cast against vertical earth faces. Any over excavation to be filled to the appropriate levels indicated, monolithically, with the appropriate grade of concrete specified.
6. All excavations for foundations shall be excavated checked for safe bearing capacity (see note 4) and blinded with min 50mm concrete in one working day. The excavations shall be kept free from water, loose material and rubbish etc.
7. Any services passing through the structure are to be sleeved and waterproofed to the service Engineers details.
8. Sufficient cover and protection to be provided to all services in accordance with the service providers and services Engineers requirements. Final service location/routes to be agreed.
9. All concrete generally to be in accordance with BS EN 206-1 and BS 8500-2.
10. Mass concrete to strip/trench fill footings and concrete pad foundations is to be designated mix Gen1 - Class AC-1 / DS-1 as defined by Ground Investigation Report.
11. Mesh and bar reinforced concrete to reinforced ground beams, strip/trench fill footings and concrete pad foundations is to be designated mix RC32/40 - Class AC-1 / DS-1 as defined by Ground Investigation Report.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION BOX	
In addition to the normal hazards/risks associated with the types of work detailed on this drawing, note the following risks and information.	
CONSTRUCTION RISKS	
2: Care to ensure existing wall remains stable during all stages of remedial works including the removal of temporary support following rebuilding of buttress.	
For information relating to Use, Cleaning and Maintenance risks refer to Health and Safety File.	
It is assumed that all works on this drawing will be carried out by a competent Contractor working, where appropriate, to an approved method statement.	

Refer to Wood Goldstraw Yorath Pre-tender CDM, health and safety Site constraints and footpath closure requirement for details.

T03	Scale Bar Added	SG	SJC	09/11/21
T02	Client detail updated no change to content	SG	SJC	05/10/21
T01	Tender Issue	SG	SJC	28/09/21
P02	Layout updated	SG	SJC	08/09/21
REV	AMENDMENT	BY	CHK	DATE
PROJECT EXECUTION CLASS:				
All materials supplied in relations to those specified on this drawing are to be CE marked in accordance with the European Union Declaration of conformity.				

DRAWING STATUS	
TENDER	

C2C CONSULTING ENGINEERS LTD
CIVIL / STRUCTURAL / DESIGN

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Email: mail@c2cconsulting.co.uk Telephone: 01782 980330

CLIENT
Midlands Partnership NHS Foundation Trust

PROJECT
Leek Moorlands Hospital

DRAWING TITLE
Stone Buttress Works

SHEET SIZE	SCALE	DATE	DRAWN	CHECKED	STATUS
A1	1:100 1:20	30/04/21	SG		S3
PROJECT No.	DRAWING No.				
210309	C2C - XX - XX - M2 - S	002	T03		