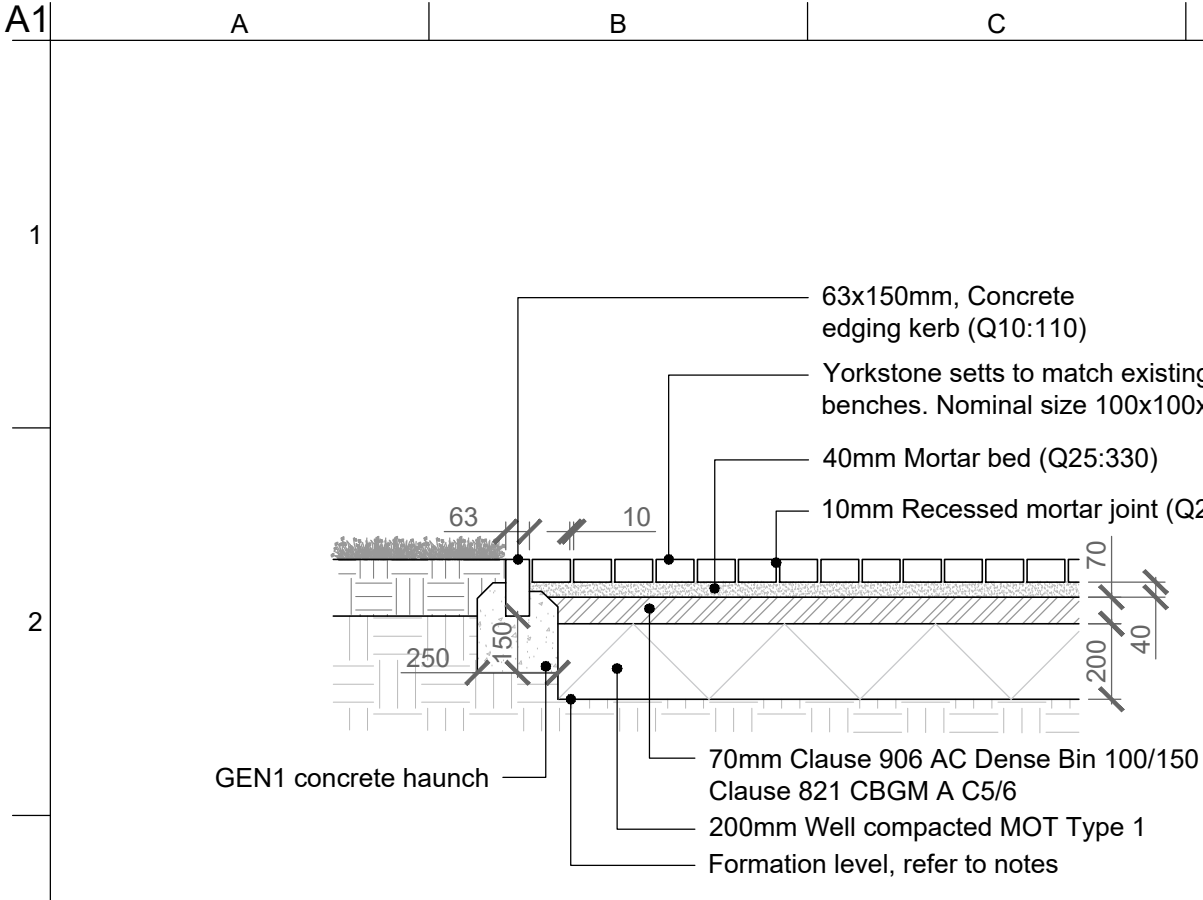
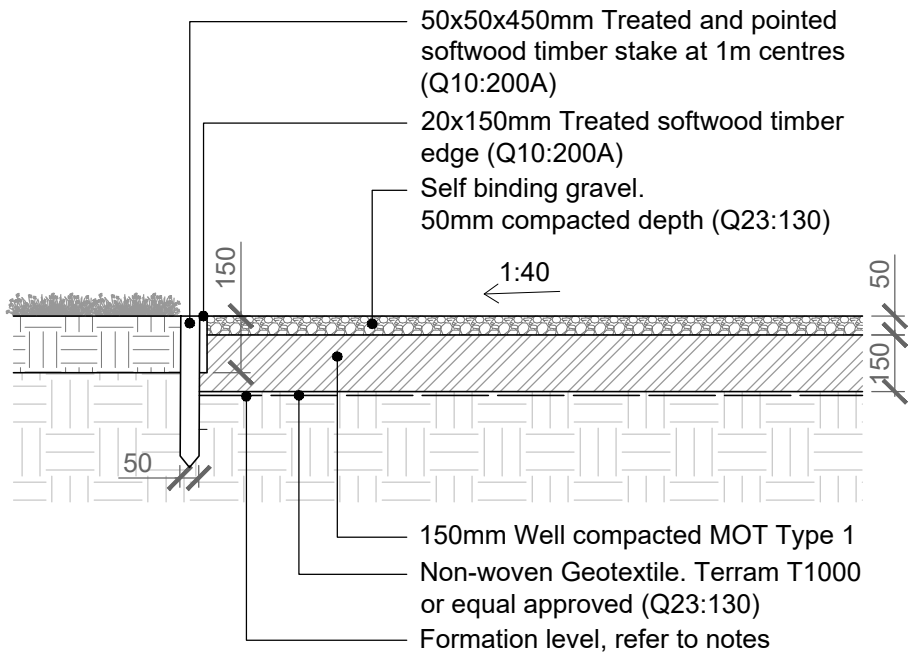
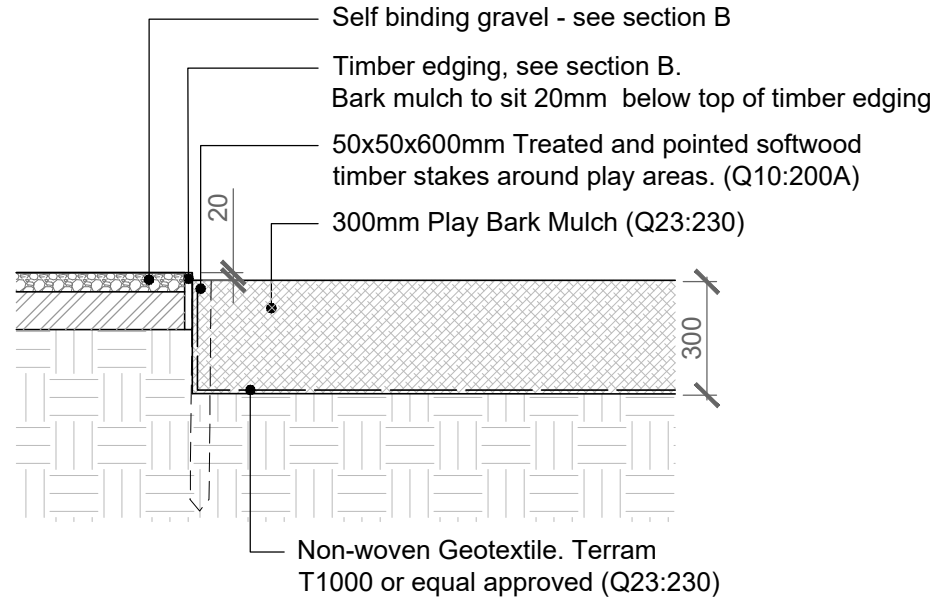




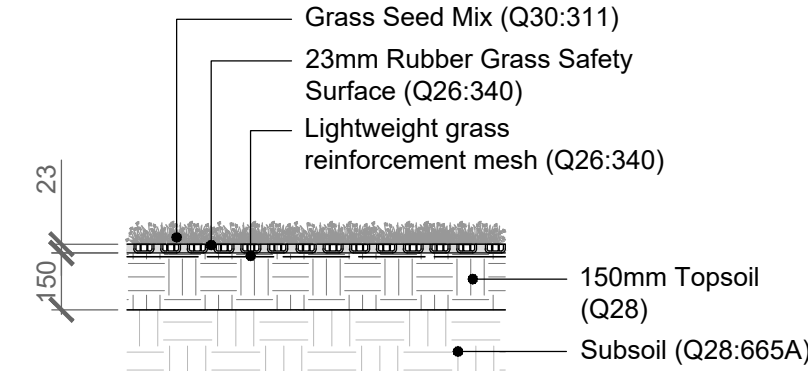
Detailed Section A: Stone Setts Paving with Concrete Edging Kerb
Scale 1:20 @ A1



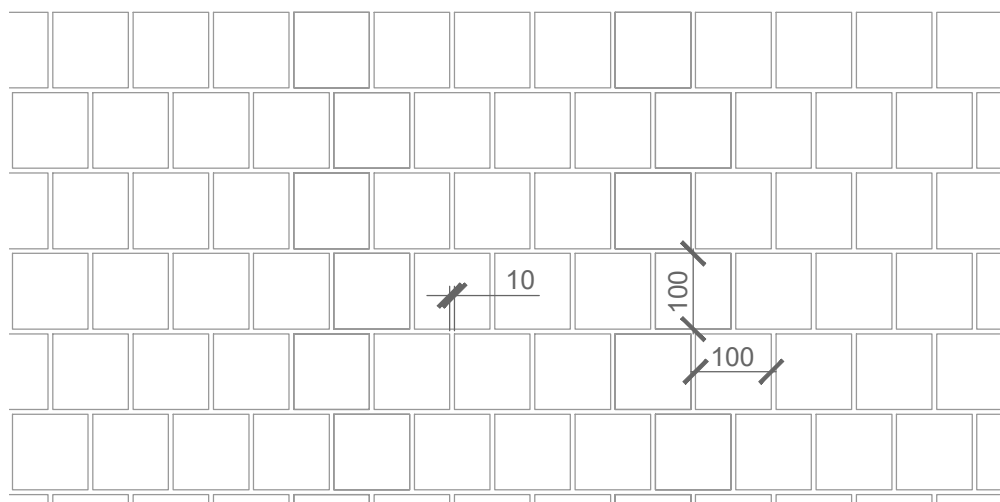
Detailed Section B: Self Binding Gravel Path with Timber Edge
Scale 1:20 @ A1



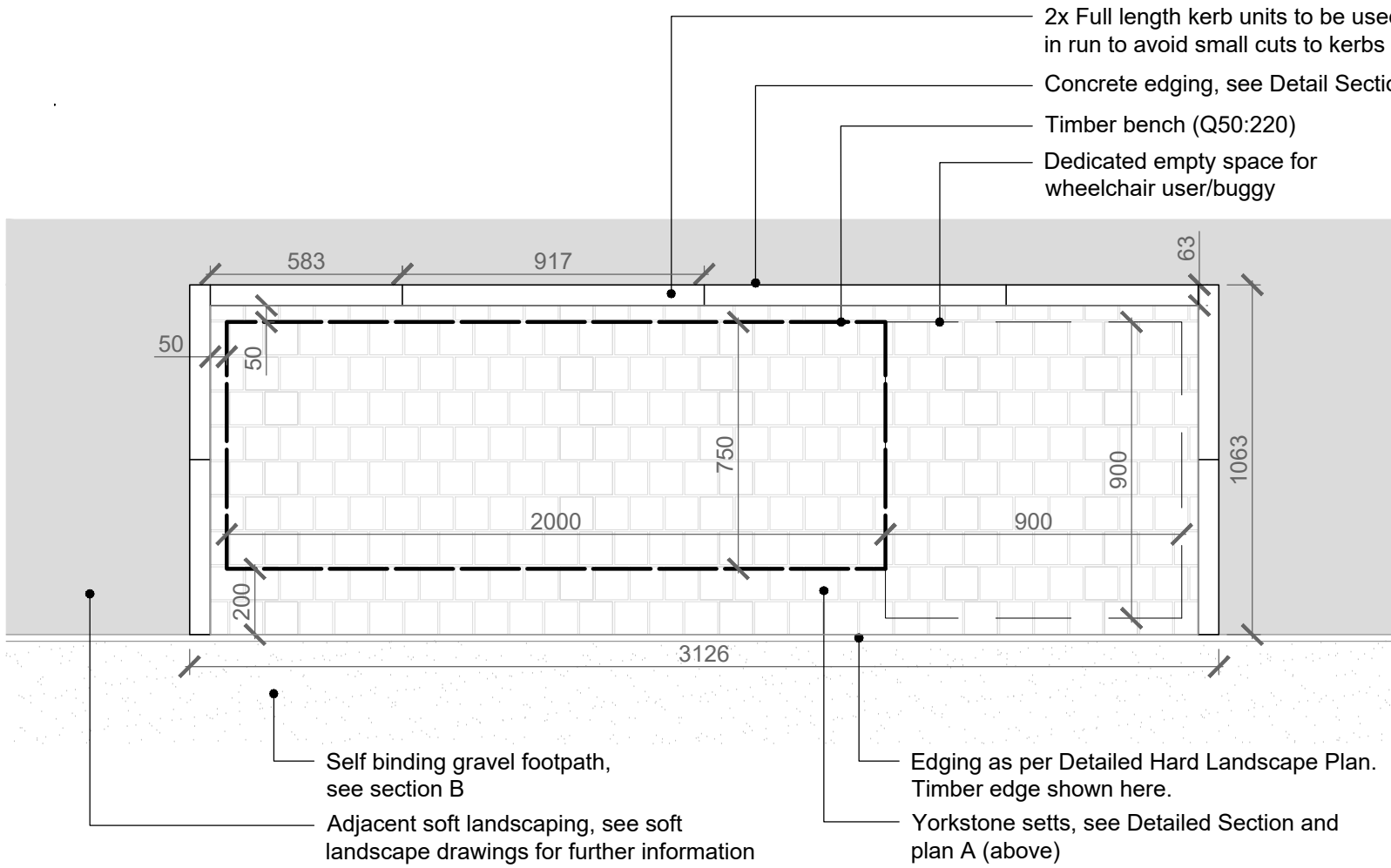
Detailed Section C: Bark Mulch Play Surface with Timber Edge
Scale 1:20 @ A1



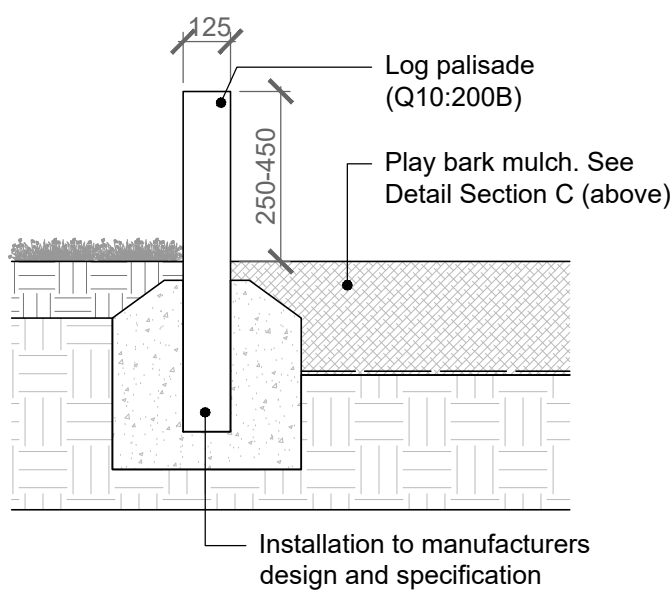
Detailed Section D: Rubber Grass Mat Play Surface
Scale 1:20 @ A1



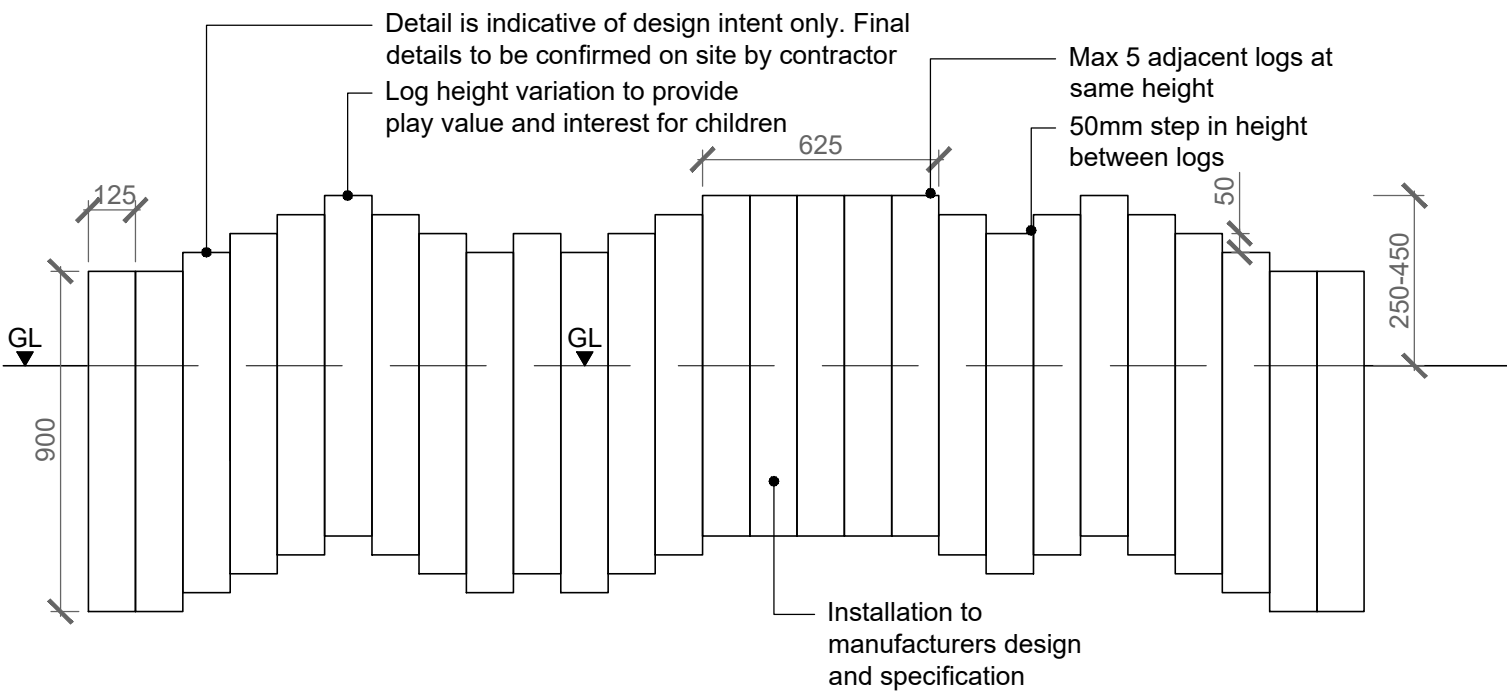
Typical Plan A: Typical Stone Setts Paving Layout
Scale 1:10 @ A1



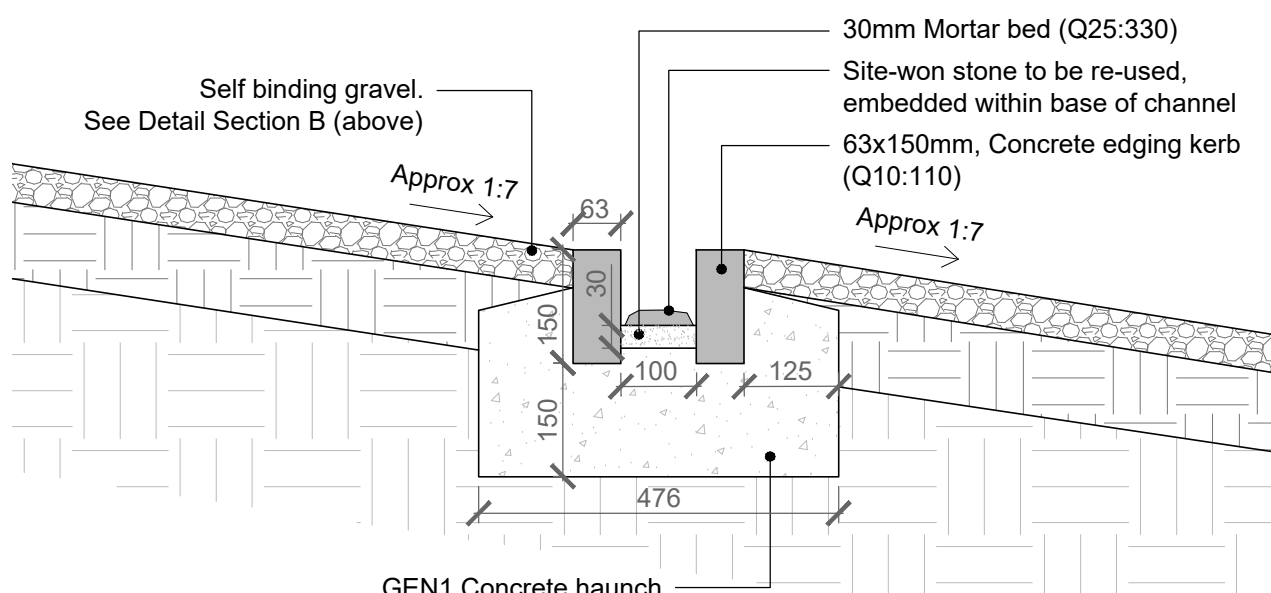
Typical Plan B: Typical Bench Area Layout
Scale 1:20 @ A1



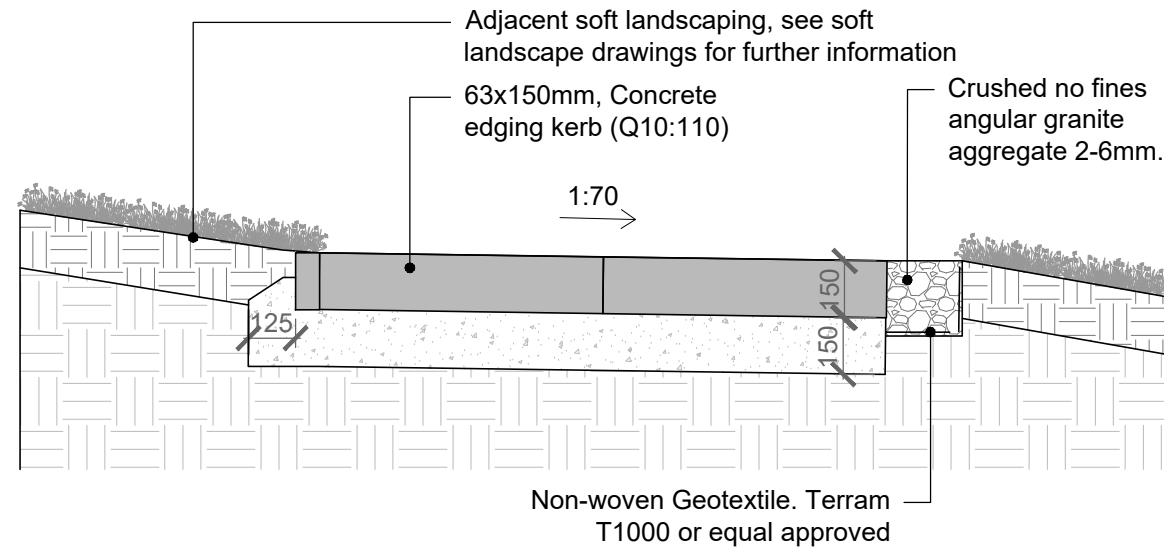
Detailed Section H: Play log palisade wall
Scale 1:20 @ A1



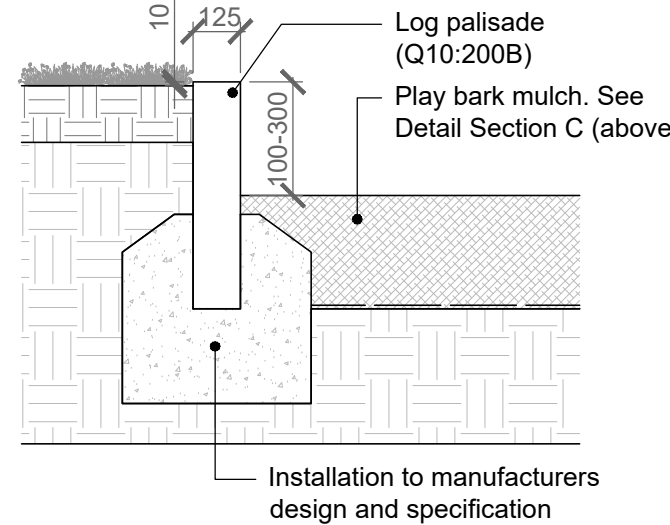
Detailed Elevation A: Play log palisade wall design intent
Scale 1:20 @ A1



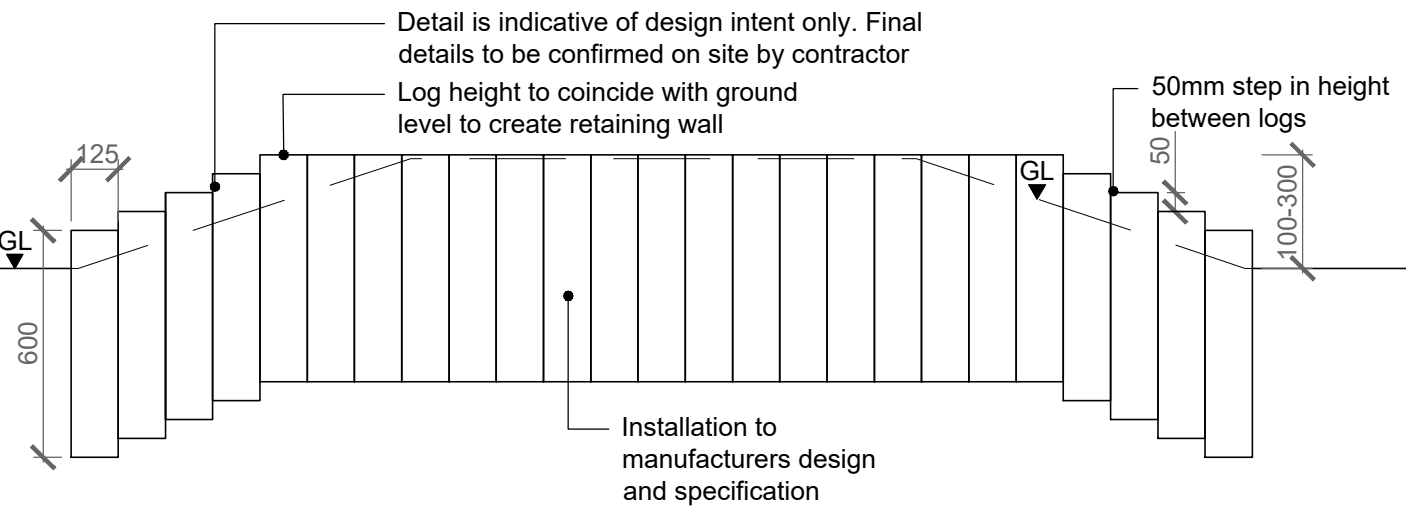
Detailed Section F: Footpath Drainage Channel
Scale 1:10 @ A1



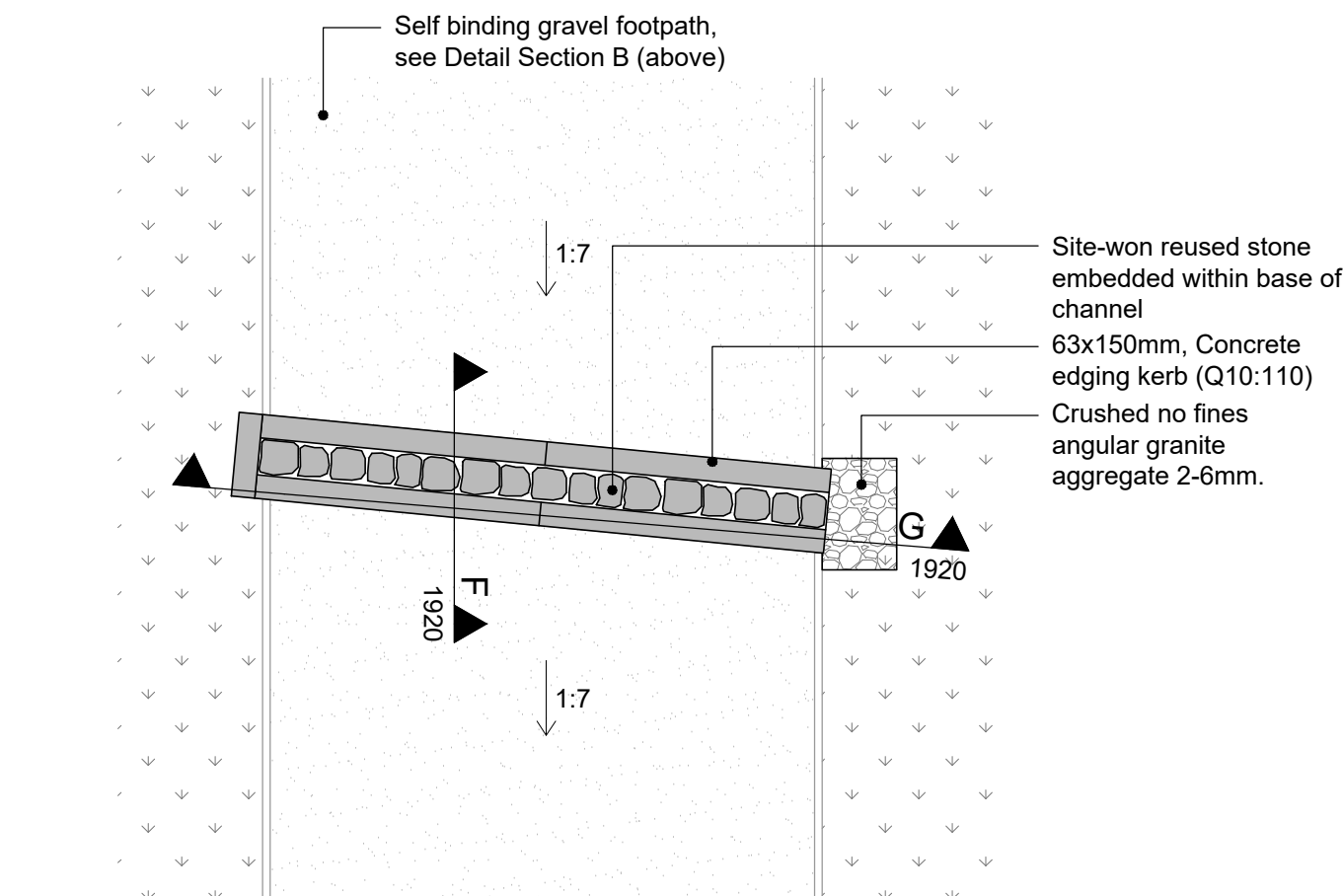
Detailed Section G: Footpath Drainage Channel
Scale 1:20 @ A1



Detailed Section I: Retaining log palisade wall
Scale 1:20 @ A1



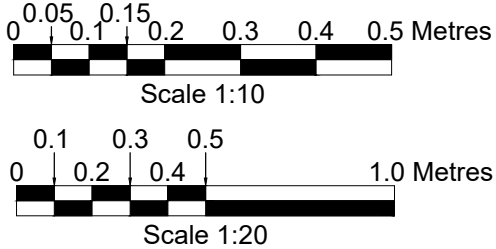
Detailed Elevation B: Retaining log palisade wall design intent
Scale 1:20 @ A1



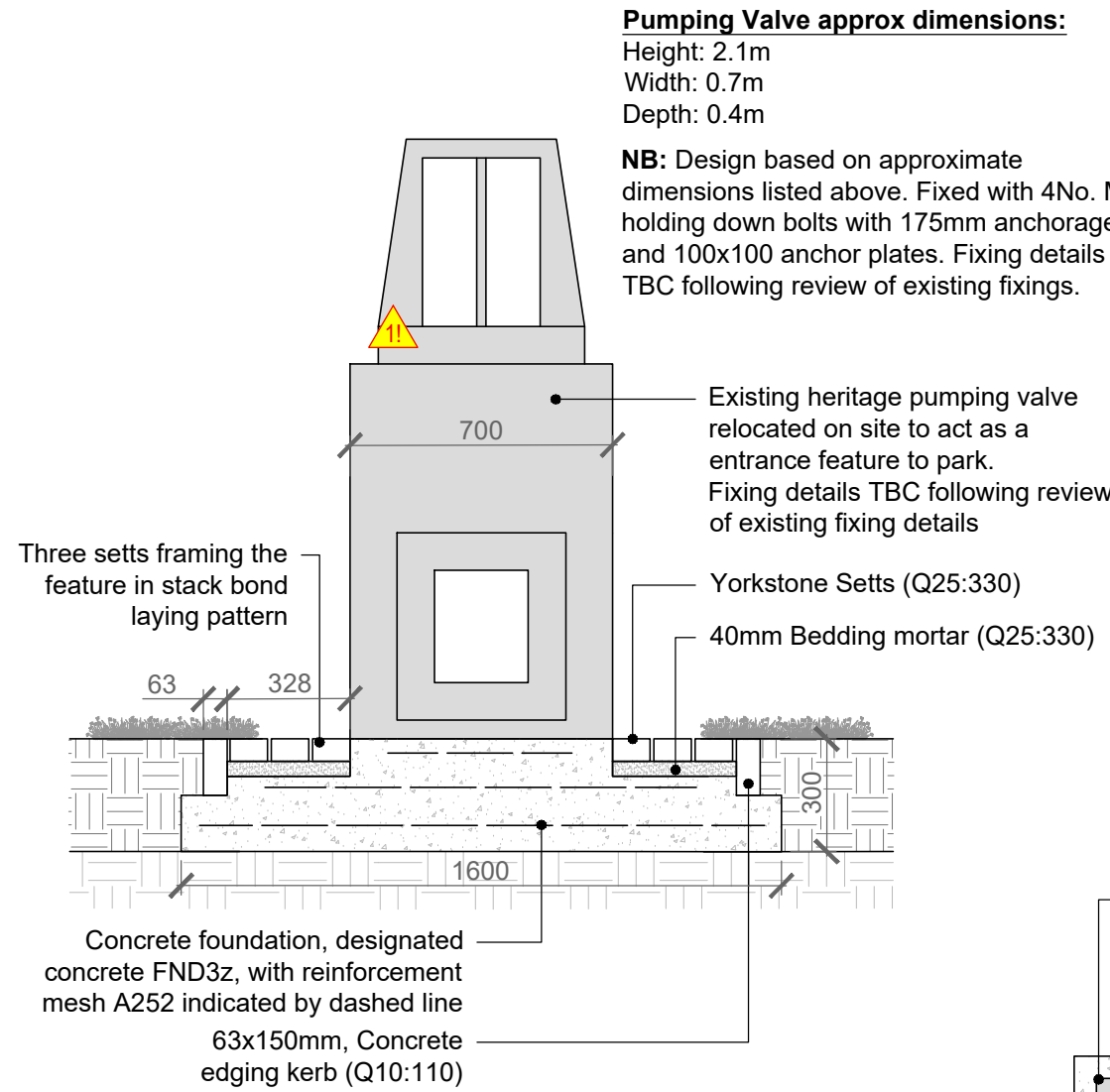
Typical Plan C: Footpath Drainage Channel
Scale 1:20 @ A1

Formation Level - General Note:

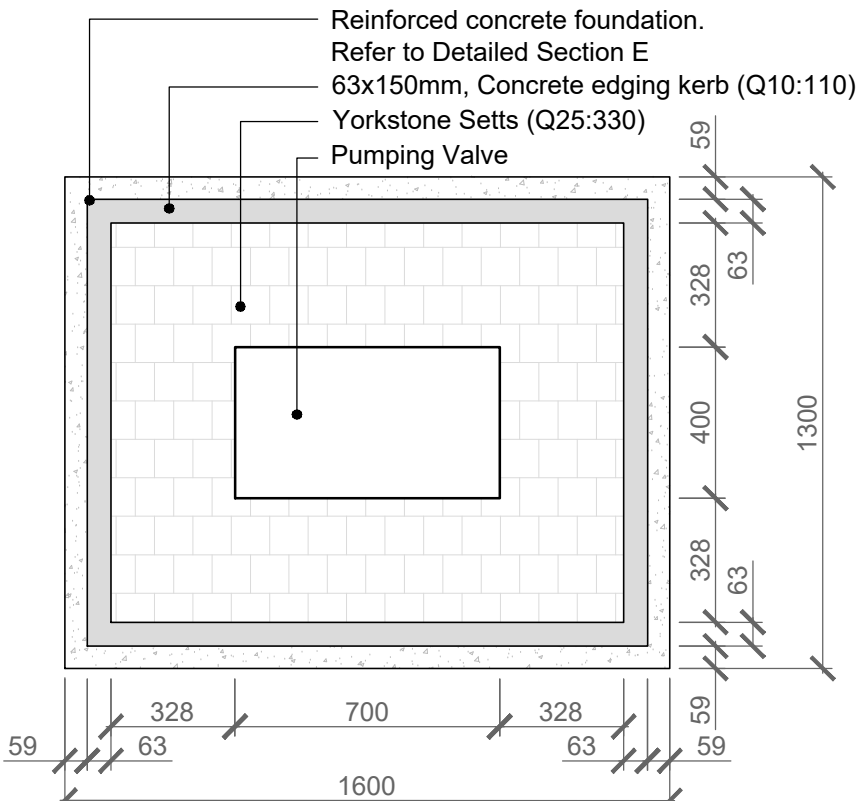
- The formation shall be proof rolled with at least two passes of a smooth-wheeled vibratory roller having a minimum mass per metre roll width of 2100 kg (or other suitable method agreed with the CA). Soft spots shall be defined as areas where the soil does not support the roller weight during proof-rolling without excessive deformation OR where hand vane testing indicates an undrained shear strength less than 40 kN/m² or CBR testing indicates a CBR of less than 2.5%. The lateral extent of soft spots shall be determined by inspection during proof-rolling and will be recorded.
- Soft spots with an area in plan of no more than around 10 m x 10 m shall be treated by over-excavation and placement of an additional thickness of Type 1. Alternative methods of soft spot treatment (e.g. reinforcement with geogrid) or treatment of areas greater than 10 m x 10 m shall be agreed with the Overseeing Organisation.



Reference: Existing Features on Site



Detailed Section E: Pumping Heritage Feature
Scale 1:20 @ A1



Typical Plan G: Pumping Valve layout
Scale 1:20 @ A1

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING:

CONSTRUCTION

MANUAL HANDLING RISK OF RELOCATED PUMPING EQUIPMENT. ALLOW FOR ALTERNATIVE LIFTING METHODS

MAINTENANCE/CLEANING/OPERATION

NONE

DECOMMISSIONING/DEMOLITION

MANUAL HANDLING RISK OF RELOCATED PUMPING EQUIPMENT. ALLOW FOR ALTERNATIVE LIFTING METHODS

REFER TO THE DESIGNER'S HAZARD RISK REGISTER FOR FURTHER DETAILS.
IT IS ASSUMED THAT ALL THE WORKS ON THIS DRAWING WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WHO HAS CARRIED OUT A COMPREHENSIVE RISK ASSESSMENT.

Notes

- This drawing is to be read in conjunction with all relevant drawings and specifications, including but not limited to:
 - Detailed Hard Landscape Plans (P11742-ARP-YL-001-001-DR-AL-1910 to 1911)
 - Detailed Soft Landscape Plans and Schedule (P11742-ARP-YL-001-001-DR-AL-1912 to 1914)
 - Detailed Playground Plan (P11742-ARP-YL-001-001-DR-AL-1915)
 - Landscape Setting Out Drawings (P11742-ARP-YL-001-001-DR-AL-1916 to 1917)
 - Landscape Details (P11742-ARP-YL-001-001-DR-AL-1920 to 1930)
 - Landscape Specification: Q references in annotations correlate with relevant clauses within this specification (P11742-ARP-YL-001-001-SP-AL-0243)
 - Relevant Civil, Structural and Geotechnical drawings and specifications
- Refer to Arboricultural Implications Assessment for details regarding existing trees on site. Document reference '17271/PH'
- For services information refer to utilities plans (P11742-ARP-YL-001-001-DR-C-0105)
- Where written dimensions are provided, these take precedence over any dimensions scaled from the drawing.
- All dimensions and levels are to be confirmed on site by the contractor.
- All ground adjacent to the proposed works that is disturbed is to be made good.
- The contractor to ensure co-ordination of designs from all disciplines and sub-contractors prior to commencement of works.
- Any discrepancies and/or ambiguities between information on this drawing and information provided elsewhere should be reported immediately before proceeding
- This drawing is based on topographical survey information produced by Survey Operations Ltd received 21.10.2020
- All works in the Root Protection Area of existing trees to be undertaken with appropriate working methods and protection in accordance with BS 5837 and the Arboricultural Method Statement.
- Finished levels to be as per finished levels drawing (P11742-ARP-YL-001-001-DR-C-1600)
- This drawing is intended to be viewed in colour

Updated notes for HPBC acceptance				
C02	14/10/22	LC	GD	ZT
Updated in response to CRT comments				
C01	13/05/22	SS	GD	ZT
Issued for Stage 4				
P1	08/04/22	SS	GD	ZT
Rev	Date	By	Chkd	Appd

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www.arup.com

Client



Project Title
Toddbrook Reservoir

Drawing Title
Memorial Park
Hard Landscape Details
Sheet 1 of 3

Scale at A1
As shown

Role
Landscape - Design

Suitability
A4 - AUTHORISED AND ACCEPTED

Arup Job No
277087-00

Name

P11742-ARP-YL-001-001-DR-AL-1920