# Document Register and Issue Sheet

Job Name: Naenae College

Job Number: 2004-1127

Detail Design 50%



**D** Draft/Preliminary

I Information Comment

**A** Approval

**BC** Building Consent

C ConstructionTender

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LA1 05	Demolition plan (Sheet 1 of 2)		Α	В			В											
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LA1.20	Planting plan (sheet 1 of 2)			Α	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		Α								-			
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# **SOFT LANDSCAPE:**

# (GB) Garden Bed:

When trees are to be retained and there is existing top soil, remove sufficient poor soil to accommodate new compost and mulch. Thoroughly cultivate 50mm depth well rotted compost into top 300mm of site soil. All garden beds shall finish 100mm below adjacent surface levels after settlement to allow for mulch. Plant and mulch as per plan.

When there is no top soil, import min. 400mm depth (after light compaction) garden mix to full extent of garden bed. Where there are trees topsoil depth should increase to a minimum of 1m3. Plant and mulch as per plan.

Note: All beds must be fully and thoroughly prepped prior to plants arriving on site. Plants should be placed besides the beds they are designated for, not on the bed, to assist the Landscape Architect to set them out. Failure to do so will result in the plants being sent back to the supplier or contractors depot until beds are ready at contract cost.

#### (RG) Rain garden:

Refer to civil engineer specification for filter lavers, levels, inlet sump and overflow sump. Kerb cut down inlet from carpark refer to LOCAL and civil spec. Connected to SW via sump to civil specs.

# Site Topsoil:

Skim top 100-200mm (approx) of topsoil from areas to be paved and stockpile for use in lawns and garden beds. Subsoil excavated for paving may be used to build up mound.

#### Lawn:

Min. 100mm free draining site topsoil or imported lawn mix. Remove sufficient site soil as required for new lawn. Subgrade before topsoil placement to drain appropriately. Earthworks to achieve an even grade. Hydroseed lawn and water in well. Contractor to be responsible for lawn irrigation until established. Lawn disturbed by construction to be made good.

# Organic mulch:

75mm depth McMud Hurricane mulch or similar well rotted mulch applied after planting.

#### Lawn mound:

Earthworks to be done in collaboration with Landscape Architect to refine final form - max 1:2 gradient. Min. 100mm topsoil over final base. As per lawn spec. Earthworks to achieve an even grade and even rounded edges where grade changes. Refer to details and Levels and Drainage plans.

Refer Planting Plan & Schedule.

## Plant stock quality:

Plants should have a growth habit that is normal to the species and be sound, healthy, vigorous nursery grown stock. All plants shall be free of insect pests, plant diseases, sun scald, abrasions and disfigurements. All plants shall have normal and well developed branch systems, vigorous and a fiberous root system that is not root bound.

# Planting installation quality:

All plants are to be installed as per sound and accepted horticultural practices by an experienced landscape contractor.

# Staking:

All garden bed trees to have 2No. 50x50mm treated pine stakes. All trees on lawn or tree pits to have 4No. stakes. Min. 1m embedment in firm ground. Min. 1m height above ground. Fix tree to stakes with hessian ties. Align to prevailing wind.

# **HARD LANDSCAPE:**

(AS1) Asphalt paving (vehicle loading): By civil specifications.

# (CP1) Concrete paving (pedestrian loading) (plain finish):

Insitu reinforced concrete plain finish on min. 150mm compacted basecourse on well consolidated ground, refer to civil specifications. Broom finish in opposite direction to foot traffic.

# (CP2) Concrete paving (pedestrian loading) (light exposed aggregate finish with black oxide):

Insitu reinforced light exposed aggregate concrete with 6kg/m3 black oxide, max. 12mm dia grey aggregate, light exposure on min. 150mm compacted basecourse on well consolidated ground. To match existing paving.

# Saw cuts in insitu concrete:

Saw cuts where shown on plan to be min 6mm wide, 25% depth of concrete thickness. Saw cuts to be straight and completed by a specialist contractor. Landscape architect approval required prior to commencement of works. Layout to be finalised.

# (K1) Concrete kerb:

150mm concrete upstand kerb. Civil engineers to detail.

# (K2) Concrete kerb and channel:

Concrete channel kerb. Civil engineers to

# (CE1) Concrete edge:

100x150mm insitu plain concrete edge flush with adjacent surfaces on 150mm depth compacted basecourse on well consolidated ground. To further detail.

# (TE1) Timber edge:

20x100mm H4 treated pine timber edge with 50x50x600mm H4 treated pine stakes at max. 600mm ctrs. Saw kerfs to bend the timber when required. Concrete daub footings at ends and junctions. To further detail.

# **BESPOKE FURNITURE:**

# Pou Whenua:

Ex.250x75mm 2No. Recycled Totara or Purple heart timber posts. 3500mm high. Bolt fixed to custom 10mm galvanised steel post bracket in 800mm deep concrete footing. Carvings to be laser cut into both sides of Pou. Graphics to be further developed with school. To further detail.

## Entry signage:

1500mm high block work wall in concrete footing. Stainless Steel metal sheet offset 110mm from wall. Graphics and content to be developed with school. To further detail.

#### Bus shelter:

Off the shelf 6 x3.3m galvanised Nekkar Shelter from Urban Effects. Fixing as per manufacturers specification. Colour to be confirmed with school.

# (WS) Wheel Stops:

Recycled Rubber Wheel Stop - 1650mm from Vanguard. Plain Black.

#### (B1) Removable bollard:

Urban bollard, 900mm high and Ø89mm stainless steel removable bollard by Urban Effects or similar product to match existing bollards.

# (B2) Bollard:

Urban bollard. 900mm high and Ø89mm stainless steel bollard by Urban Effects or similar product to match existing bollards.

# Road line markings:

Road marking paint by specialist contractor. Layout to be finalised. To further detail.

# Accessible carpark signage:

Pole mounted sign to every accessible carpark. To further detail.

# PRODUCTS / FURNITURE:

# (S1) Timber bench seat:

Miramar timber bench, macrocarpa timber slats, tubular leg surface mount option, galvanized by Tilley Street Furniture. To further detail.

# (S2.1 and S2.2) Curved timber bench seat:

Customised curved size Miramar timber bench, macrocarpa timber slats, tubular leg surface mount option, galvanized by Tilley Street Furniture. To further detail.

# NOTES:

Contractor to confirm any inconsistencies between LOCAL and/or any other consultants documents prior to commencement of work.

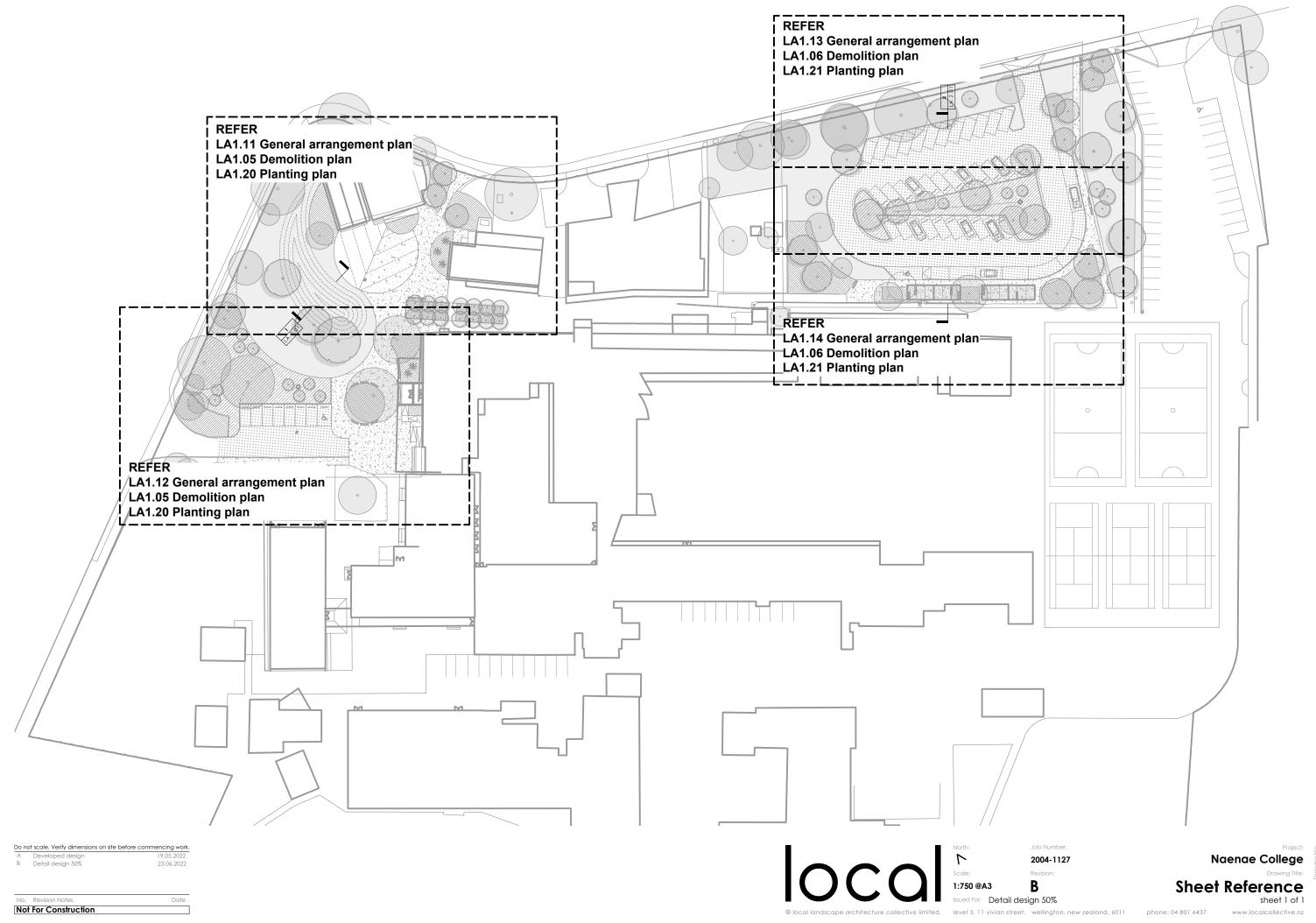
If excavations exposes any tree root bigger than Ø50mm, landscape architecture to be notified immediately.

Contractor to make good all surfaces damage during construction. All work must be carried out by skilled, suitably qualified and experienced workers.

Any variations to the design detailed in the landscape documents must be approved in writing by the landscape architect before work proceeds.

The contractor must submit a health and safety management plan before the project commences.

Note: Parking area trafficable and non trafficable paving, kerb and channel by civil enaineer.



LA1.02

# KEY

EXISTING HARD SURFACES: Removal of existing concrete and asphalt - extent to be confirmed by school and civil engineer EXISTING GRAVEL: Removal of existing gravel as per landscape architect's instruction, to be confirmed on site EXISTING LAWN:
Removal of existing lawn to appropriate depth as per details and specification

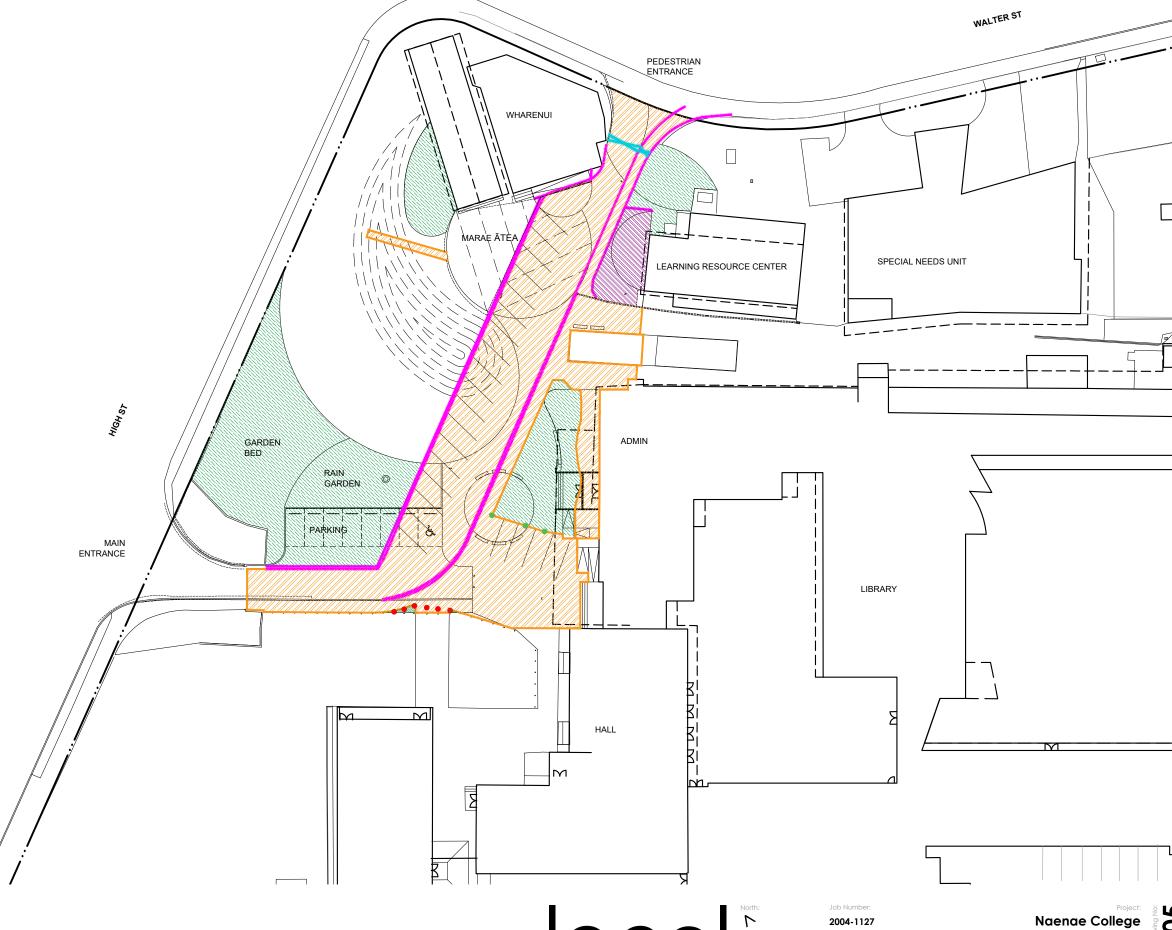
> EXISTING KERBS: Removal of existing kerbs - to be confirmed by civil

EXISTING BOLLARDS REMOVED: Removal of existing bollards

EXISTING BOLLARDS RELOCATED: Relocation of existing bollards as per landscape architects instructions

EXISTING FENCE REMOVED: Existing fencing to be removed -to be confirmed by civil engineer

EXISTING GATE TO BE REMOVED: Existing gate to be removed -to be confirmed by civil engineer



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2004-1127

**Demolition Plan** 

# KEY

EXISTING HARD SURFACES: Removal of existing concrete and asphalt - extent to be confirmed by school and civil engineer

EXISTING GRAVEL:

Removal of existing gravel as per landscape architect's instruction, to be confirmed on site

EXISTING LAWN: Removal of existing lawn to appropriate depth as per details and specification

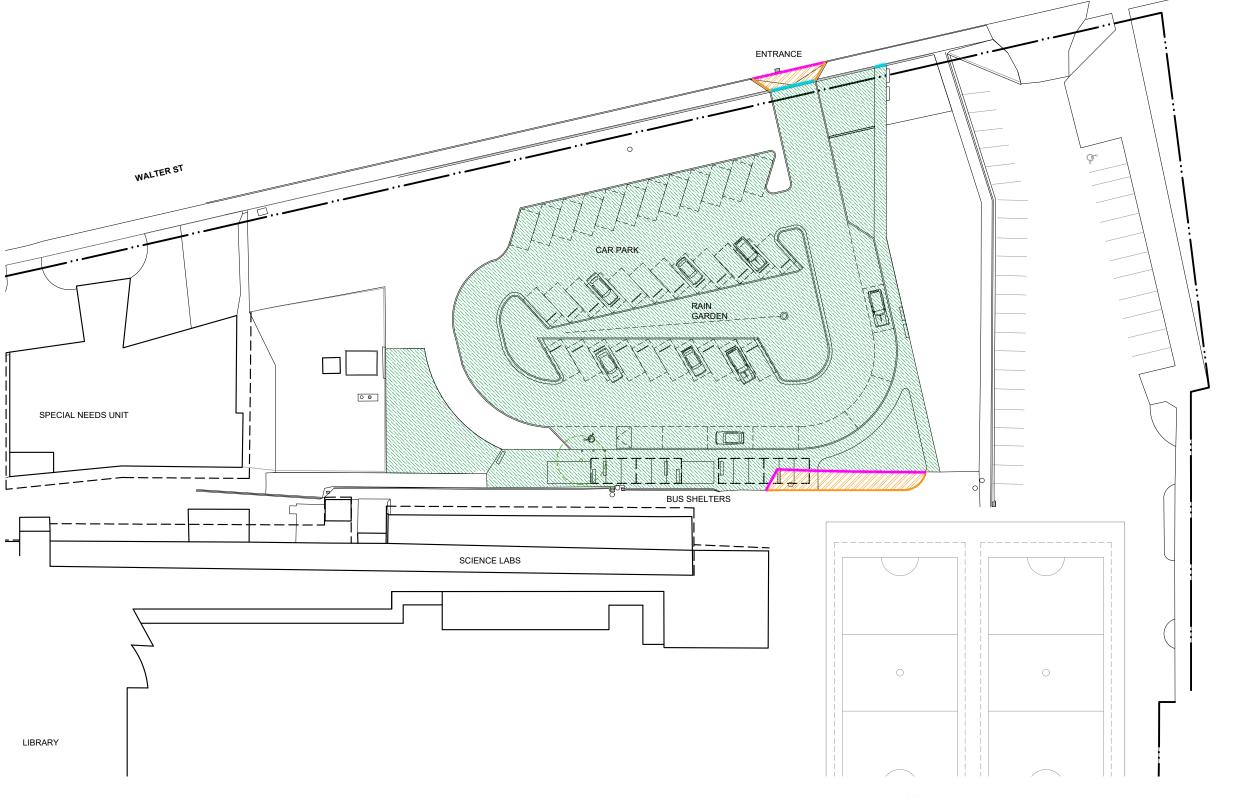
EXISTING KERBS: Removal of existing kerbs - to be confirmed by civil

EXISTING BOLLARDS REMOVED: Removal of existing bollards

EXISTING BOLLARDS RELOCATED: Relocation of existing bollards as per landscape architects instructions

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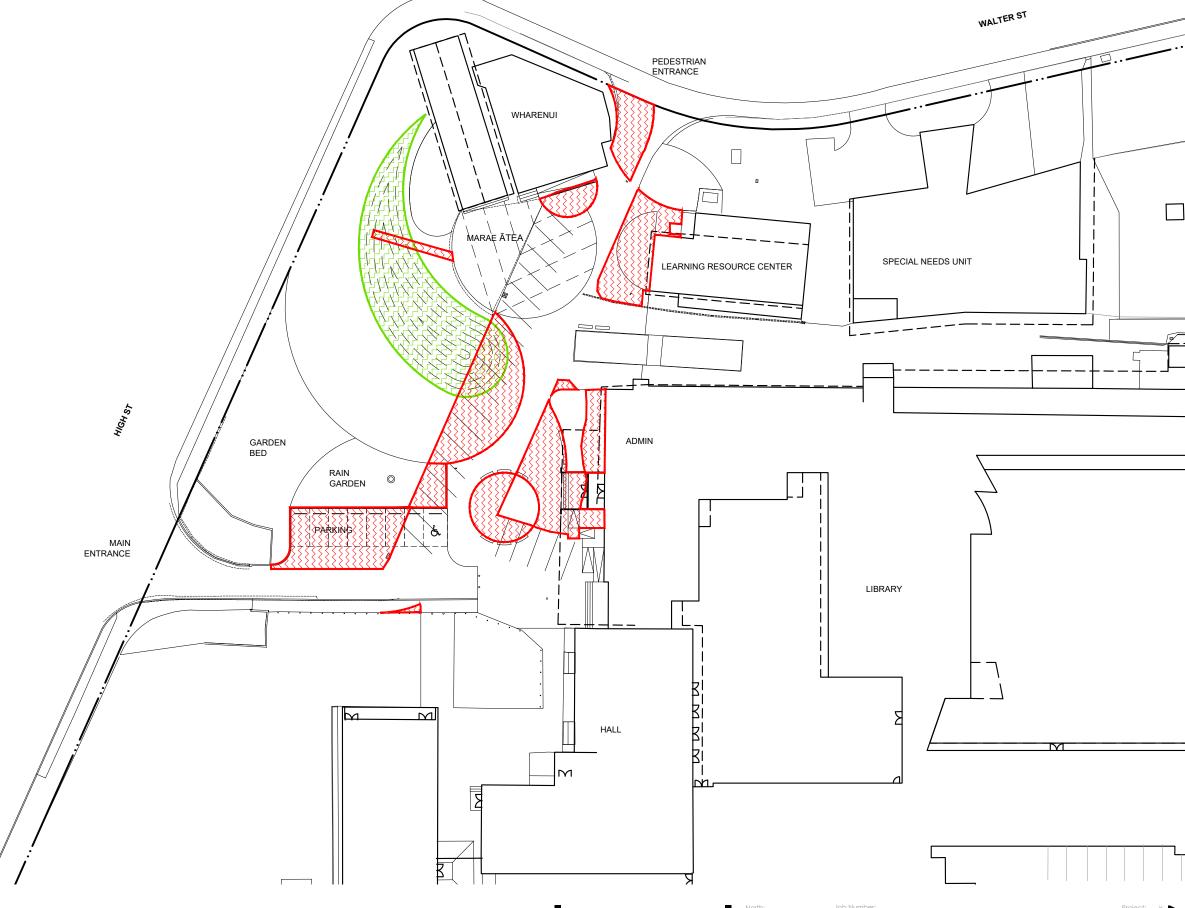
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Naenae College

Drawing Title: **Demolition Plan** sheet 2 of 2

REMOVAL / SCRAPING OF EARTH Bulk estimated area - 2513m<sup>2</sup>

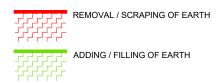
ADDING / FILLING OF EARTH

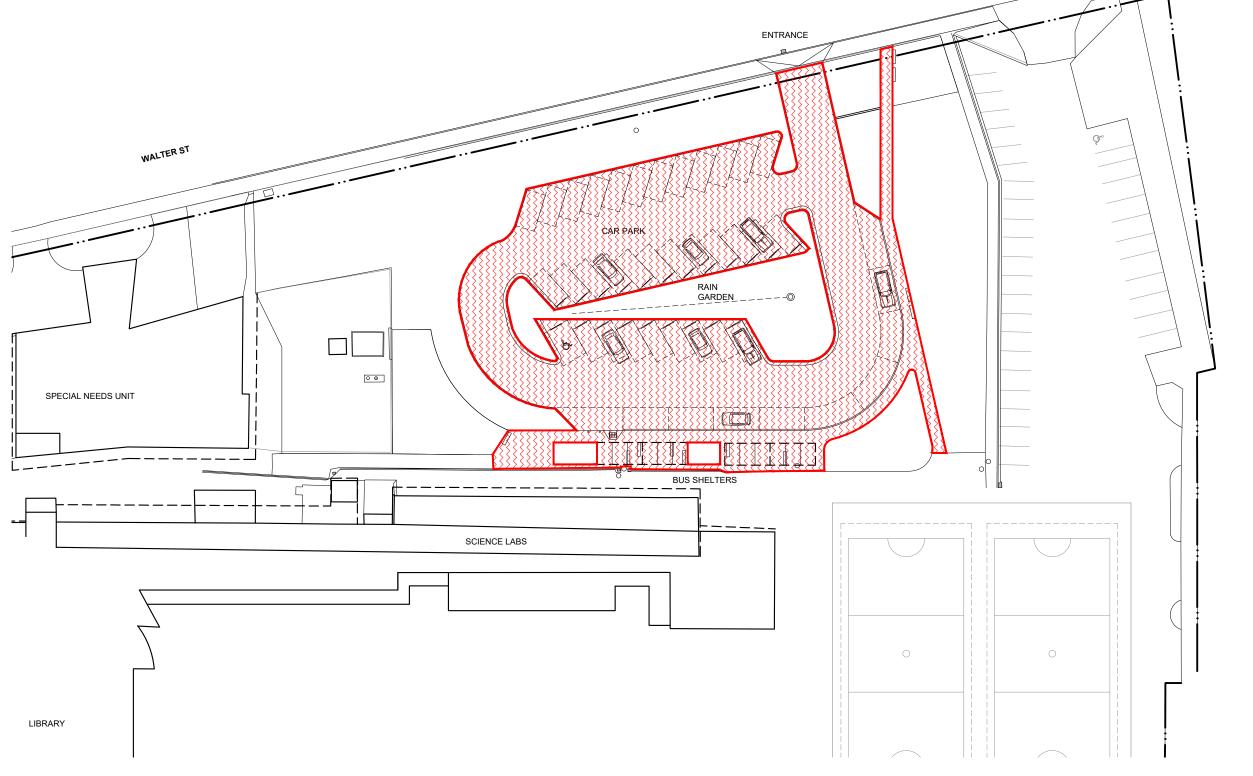


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Naenae College Earthworks Plan sheet 1 of 2 level 3, 11 vivian street, wellington, new zealand, 6011 phone: 04 801 6437





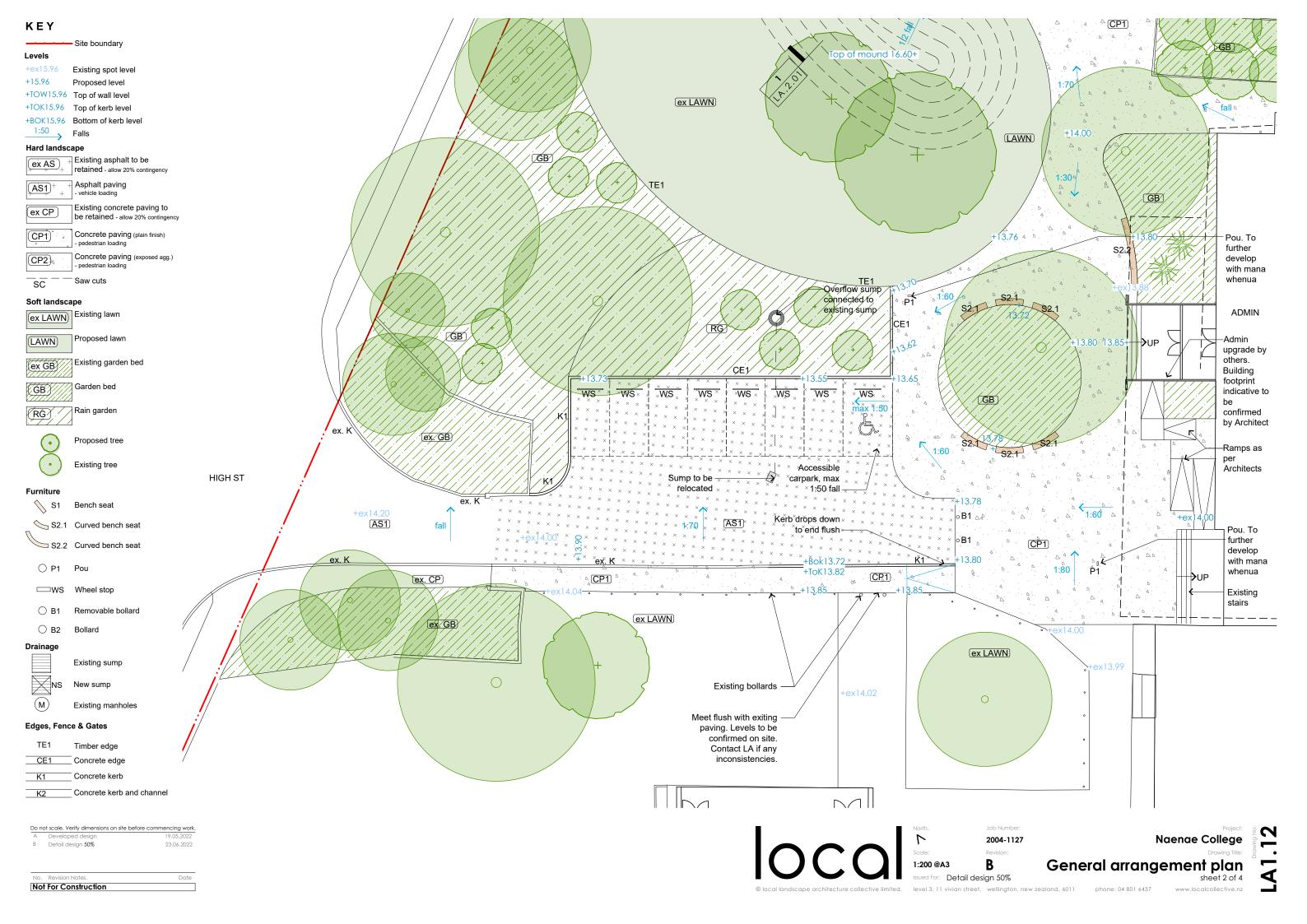
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**2004-1127**Revision:

Naenae College

Drawing Title: Earthworks plan sheet 2 of 2





# KEY Site boundary Levels +ex15.96 Existing spot level +15.96 +TOW15.96 Top of wall level WALTER ST +TOK15.96 Top of kerb level +BOK15.96 Bottom of kerb level Hard landscape + Existing asphalt to be ex AS retained - allow 20% contingency Entry wal Asphalt paving (AS1)+ Existing concrete paving to (ex CP) Concrete paving (plain finish) CP1 1:50 × ex LAWN SC +TOK14.28 Soft landscape ex LAWN Existing lawn Proposed lawn (LAWN) ex GB Existing garden bed BOK14.05 Proposed tree Existing tree S1 Bench seat ex LAWN S2.1 Curved bench seat S2.2 Curved bench seat O P1 Pou ☐ WS Wheel stop O B1 Removable bollard O B2 Bollard Drainage Existing sump +TOK14.30 × × × × BOK14.20 × ,TOK 14.23 New sump Ws > ₩\$ (M)Existing manholes Edges, Fence & Gates CP1 TE1 Timber edge Concrete edge Concrete kerb Concrete kerb and channel

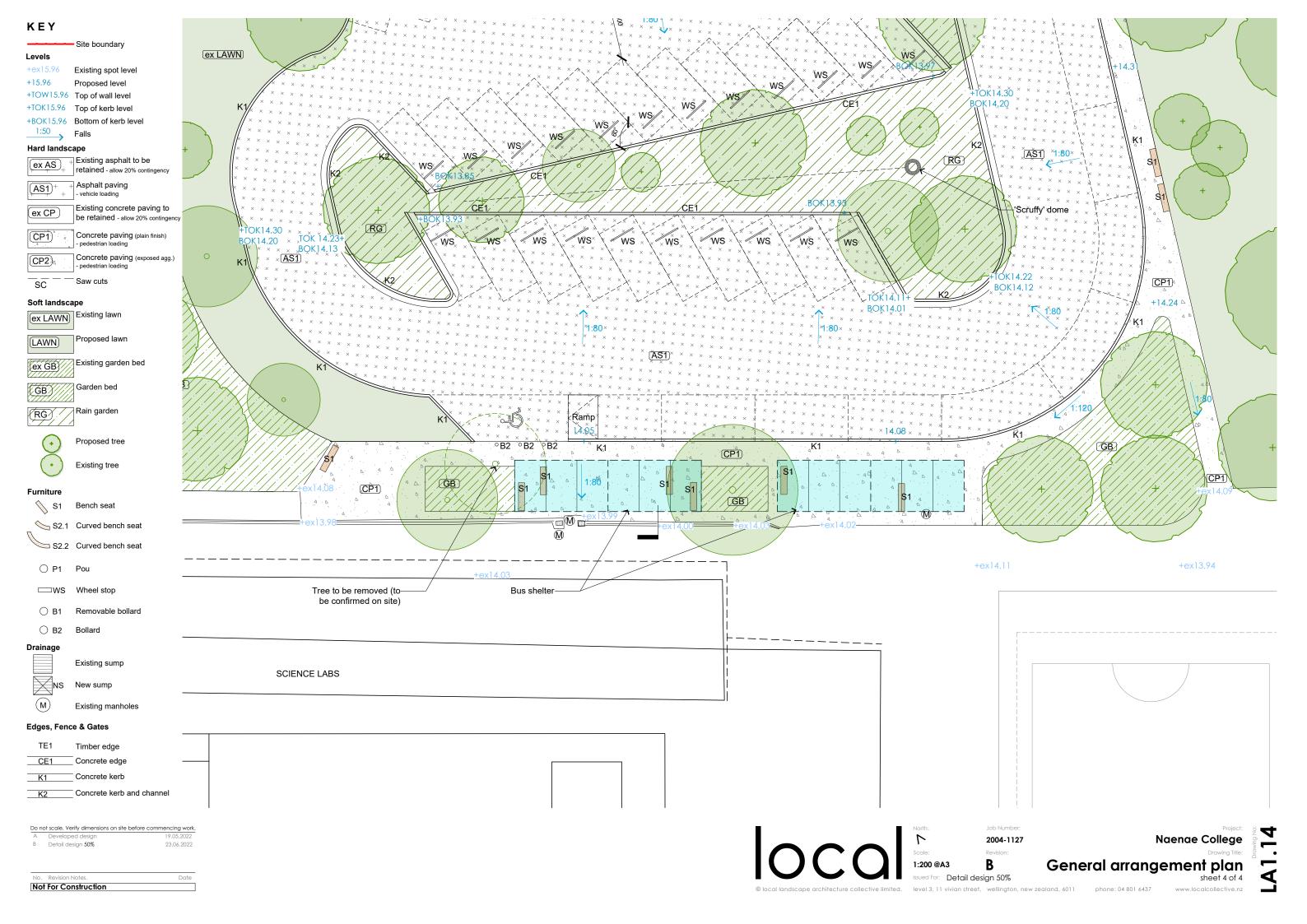
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Planting plan
sheet 1 of 2



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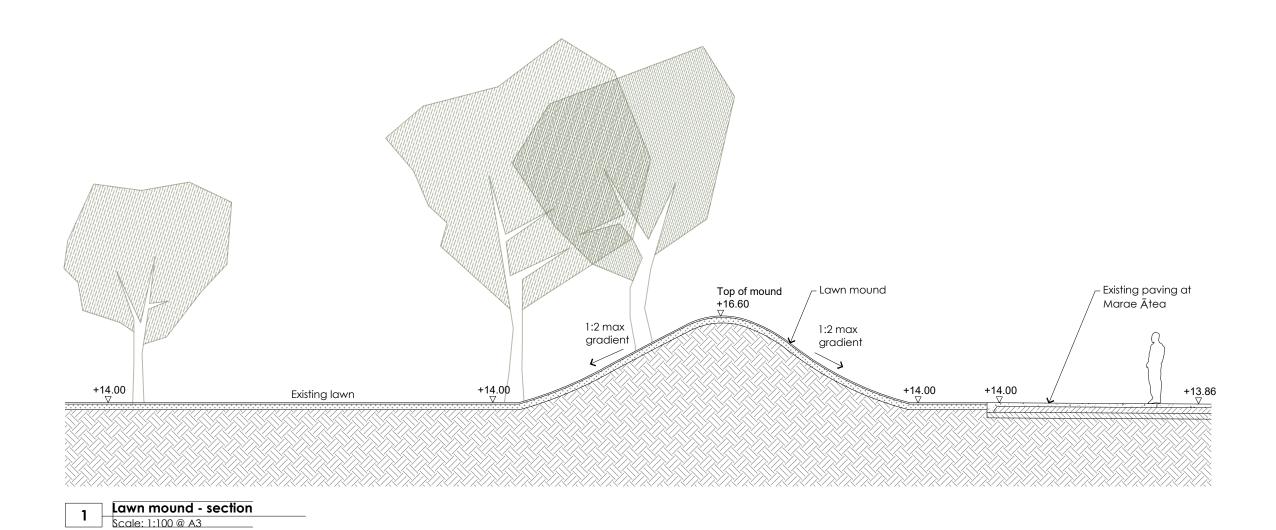
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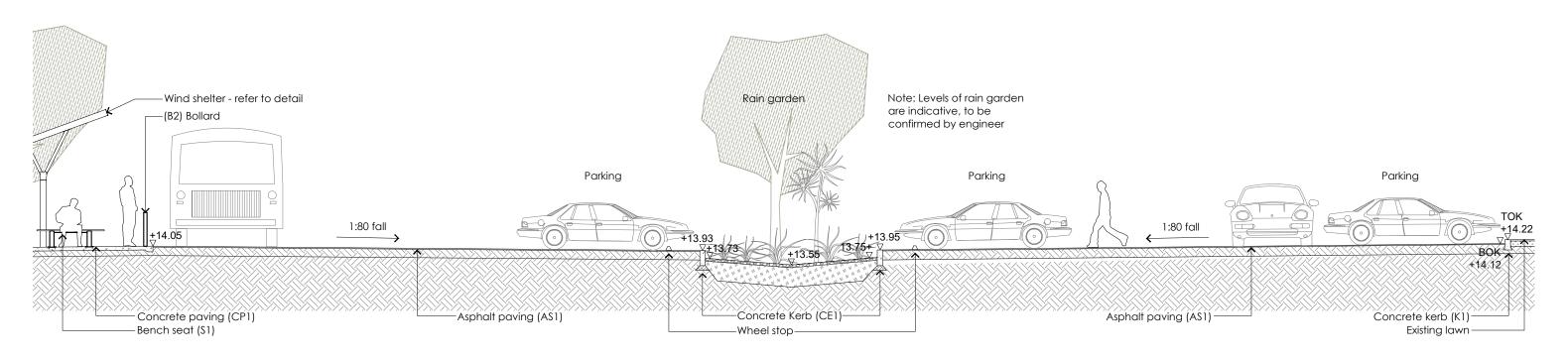
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Drawing Title:
Planting plan
Sheet 2 of 2





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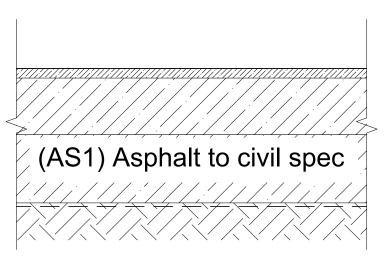
23.06.2022

Date

Car park - section Scale: 1:100 @ A3

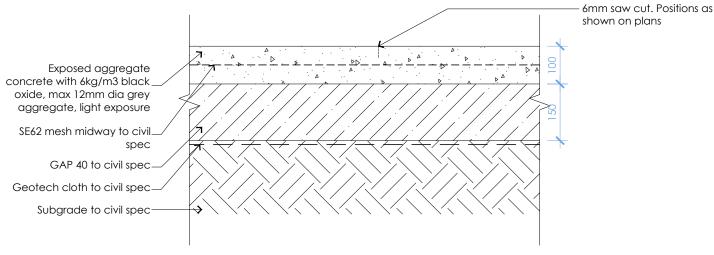
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Naenae College Sections sheet 1 of 1



(AS1) Asphalt paving (vehicle loading)

Scale: 1:10 @ A3



(CP2) Concrete paving (pedestrian loading)

Scale: 1:10 @ A3

Reinforced insitu concrete, to civil spec. Broom finish in opposite direction to foot traffic

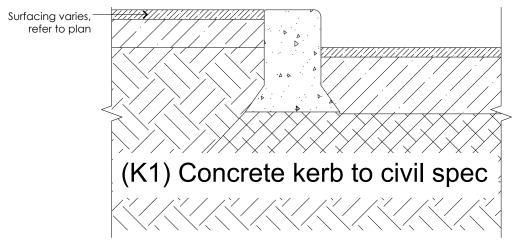
SE62 mesh midway to civil spec

GAP 40 to civil spec

Subgrade to civil spec

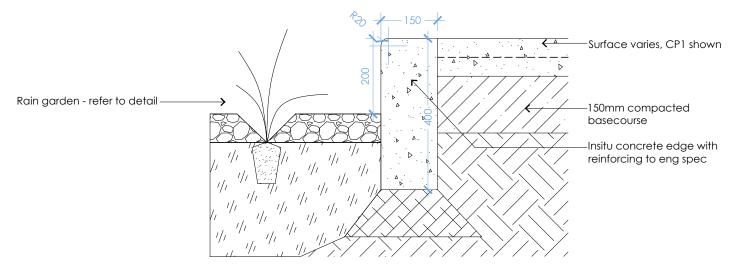
(CP1) Concrete paving (pedestrian loading) (plain finish)

Scale: 1:10 @ A3



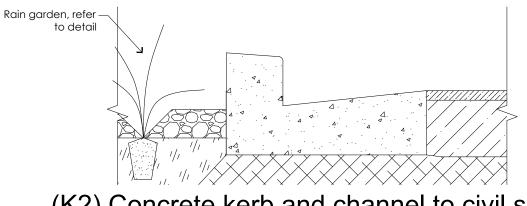
(K1) Concrete kerb

Scale: 1:10 @ A3



(CE1) Concrete edge to rain garden

Scale: 1:10 @ A3



(K2) Concrete kerb and channel to civil spec

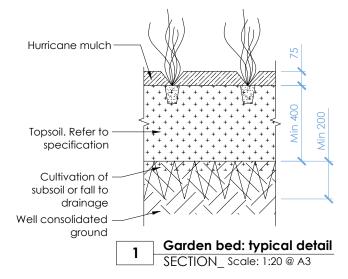
(K2) Concrete kerb and channel Scale: 1:10 @ A3 Rain garden - refer to detail Lawn - refer to detail-(TE1) timber edge. Saw kerfs to bend the timber when '/ı '/ı '/ı required. <u>'/</u>, '/, 50x50x600mm H4 timber stake @ 600mm ctrs or 350mm ctrs in curves (peg '/ı '/ı '/ı bedding in solid ground)

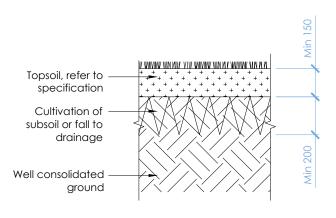
length to achieve adequate

(TE1) 20mm timber edge

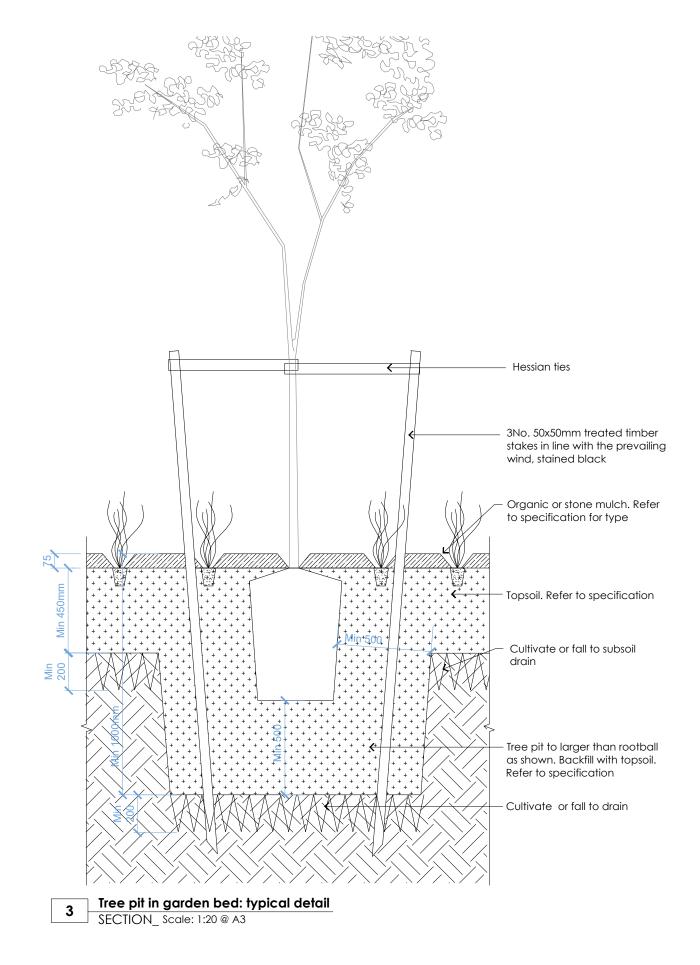
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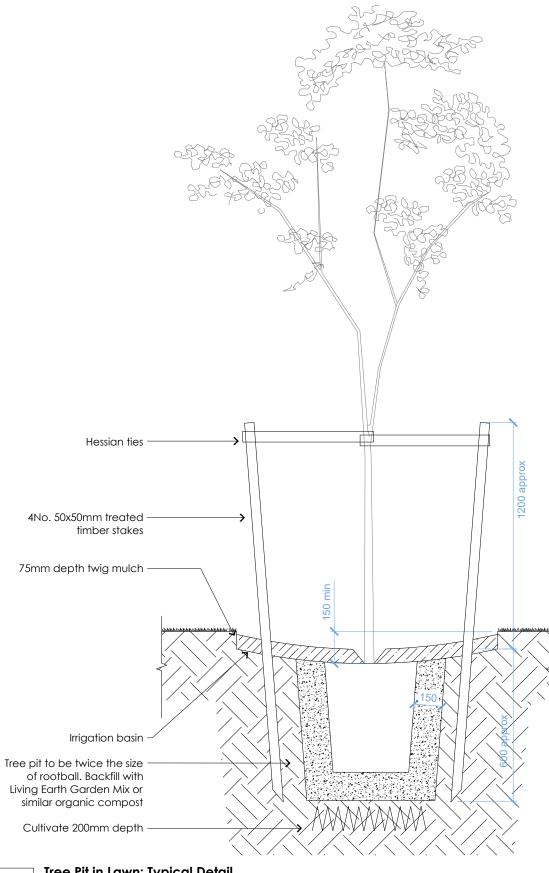


Lawn: typical detail SECTION\_ Scale: 1:20 @ A3



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A Detail design 50%



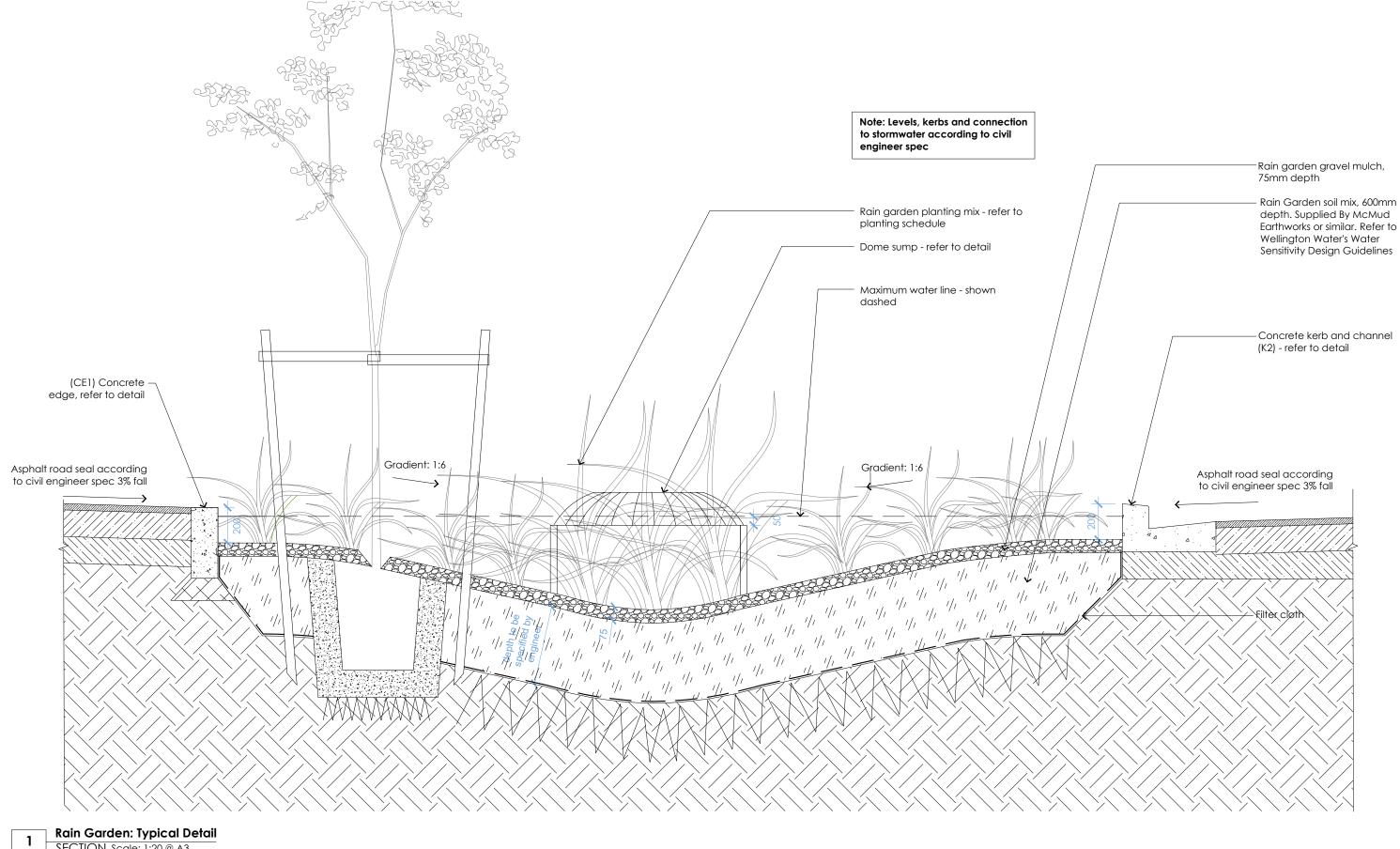
Tree Pit in Lawn: Typical Detail
SECTION\_Scale 1:20@A3

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SECTION\_Scale: 1:20 @ A3

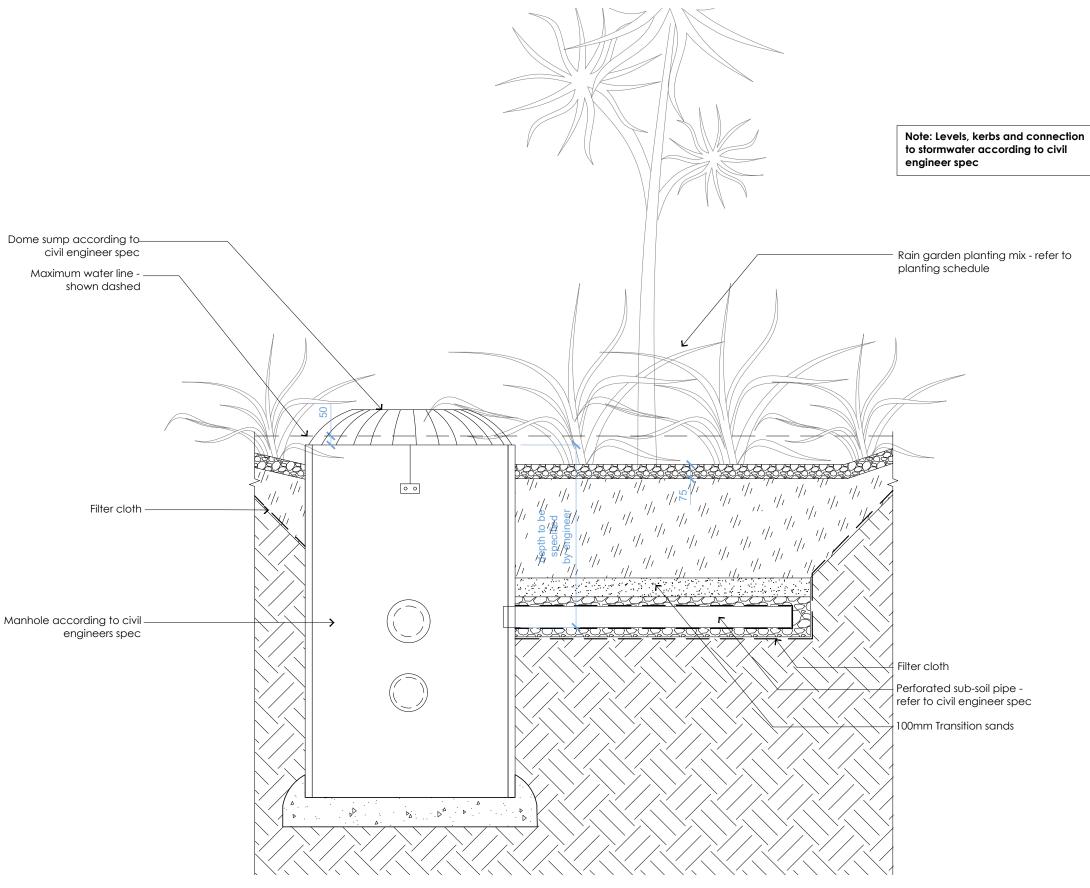
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Naenae College Rain garden



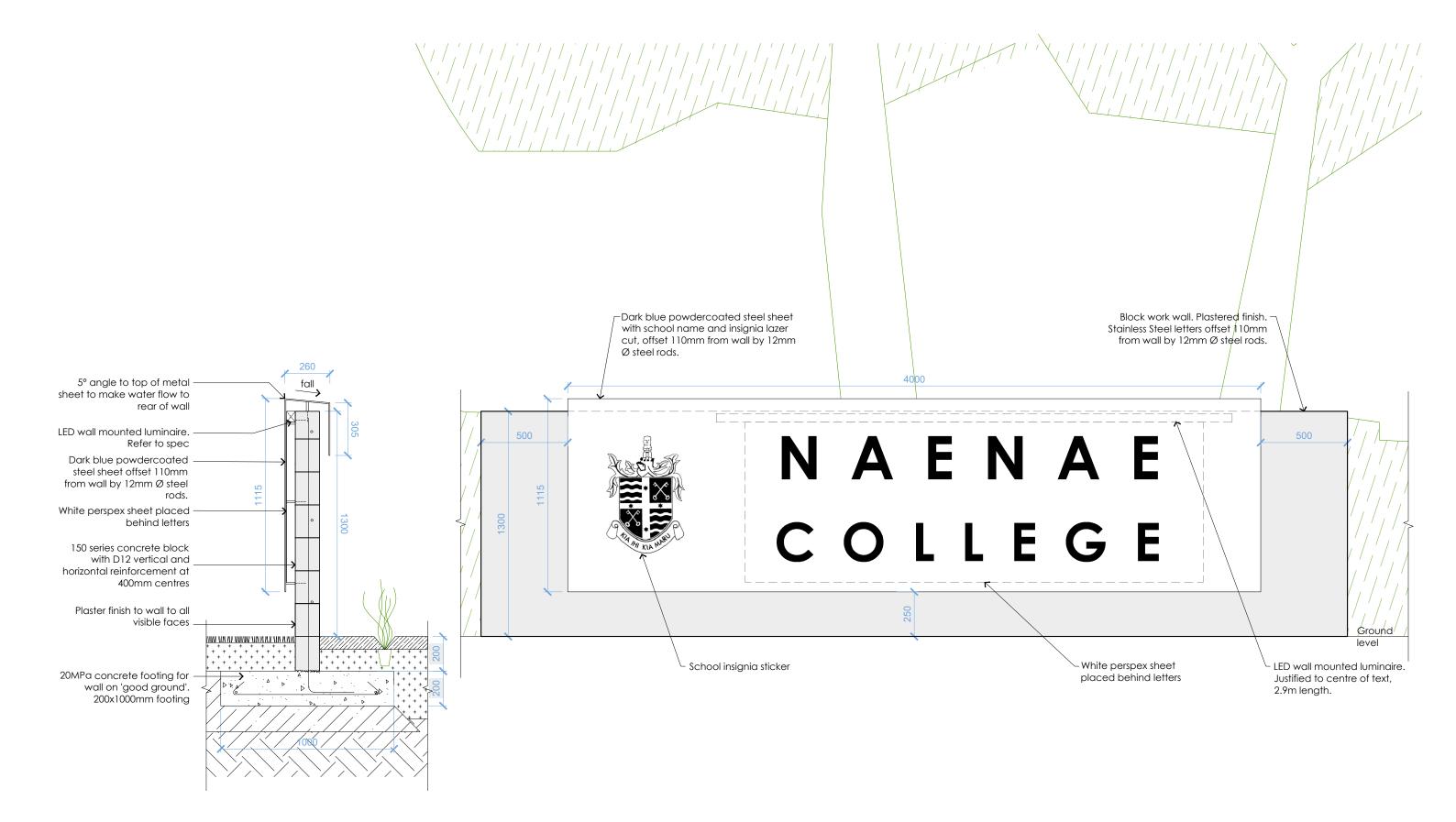
Rain Garden: Dome sump SECTION\_Scale: 1:20 @ A3

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Naenae College Rain garden



**Entry Signage** 

SECTION Scale: 1:20 @ A3

**Entry Signage** 

FRONT ELEVATION\_Scale: 1:20 @ A3

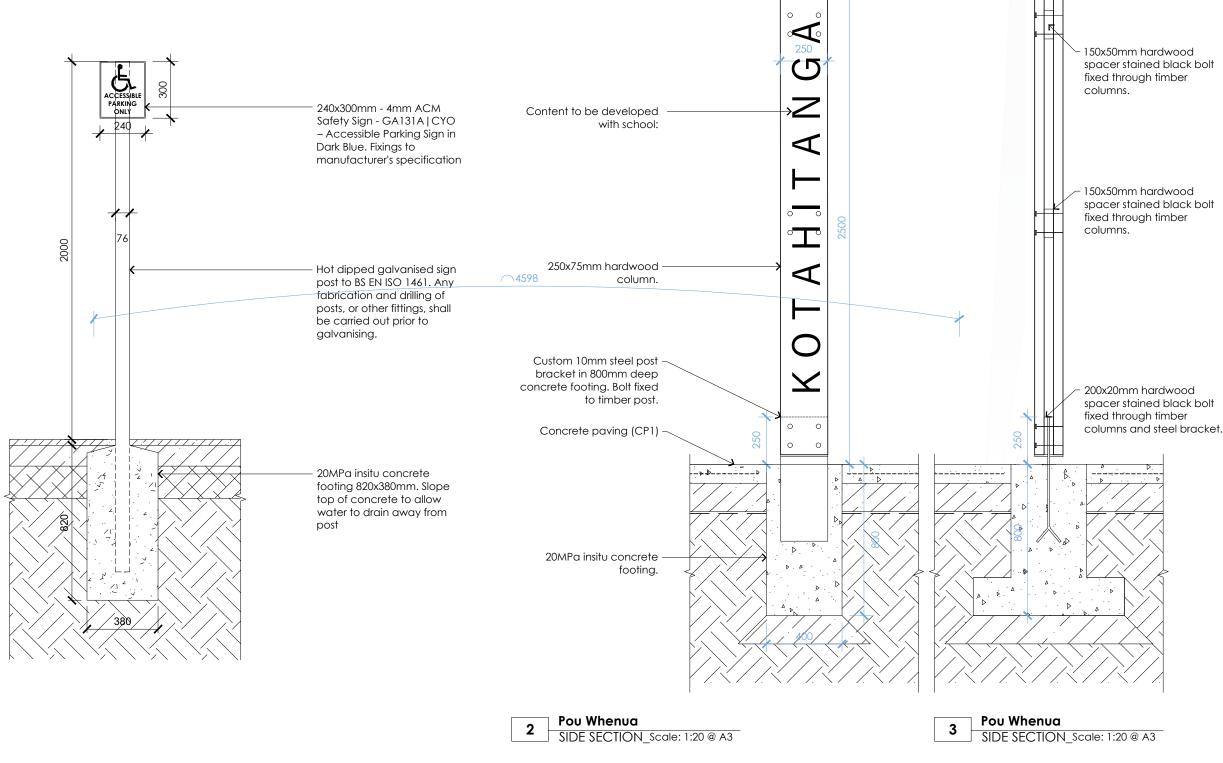
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Entry signage wall

Naenae College



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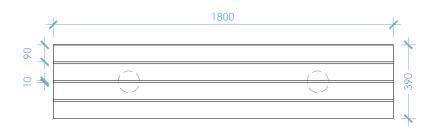
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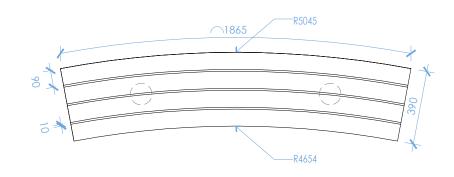
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Accessible car park signage SECTION\_Scale: 1:20 @ A3

2004-1127

Naenae College Signage and Pou

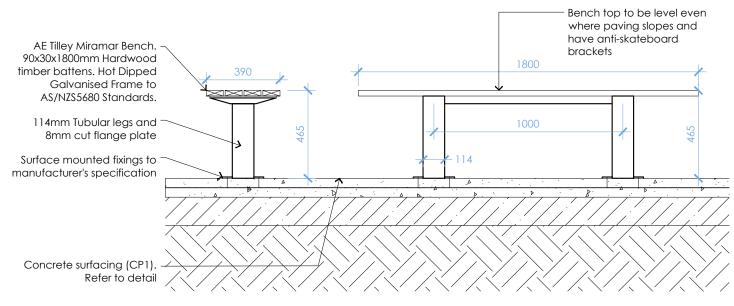




Bench top to be level even

where paving slopes and

have anti-skateboard



brackets 90x30x1800mm Hardwood 1855 timber battens. Hot Dipped 390 Galvanised Frame to AS/NZS5680 Standards. 114mm Tubular legs and 1000 8mm cut flange plate Surface mounted fixings to manufacturer's specification Concrete surfacing (CP1). Refer to detail

(\$1) Bench Seat in concrete: typical detail SECTION\_Scale: 1:20 @ A3

(\$2.1) Curved bench Seat in concrete: typical detail 2 | SECTION\_Scale: 1:20 @ A3

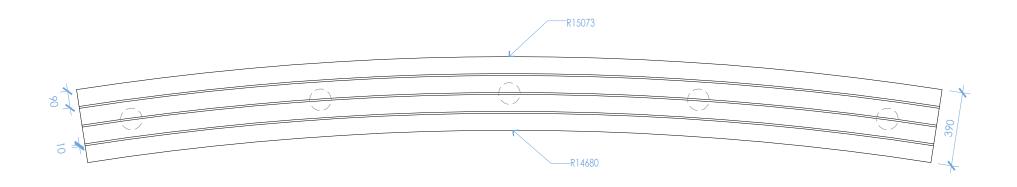
AE Tilley Miramar Bench.

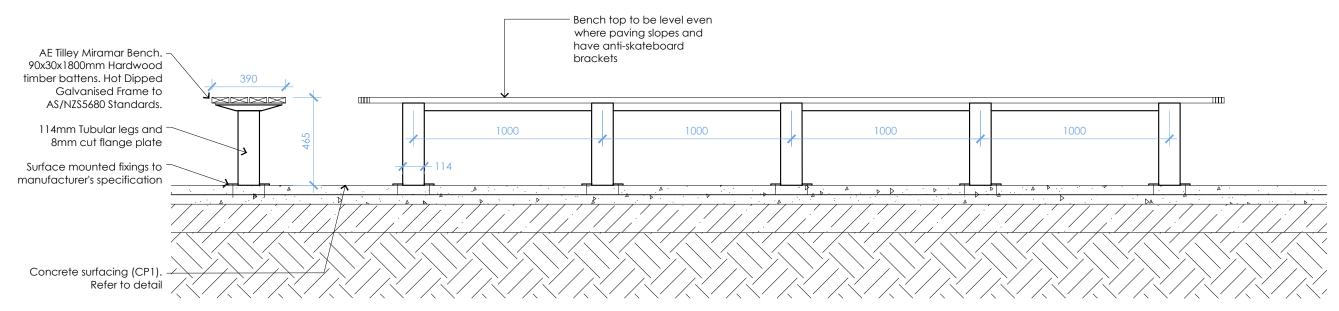






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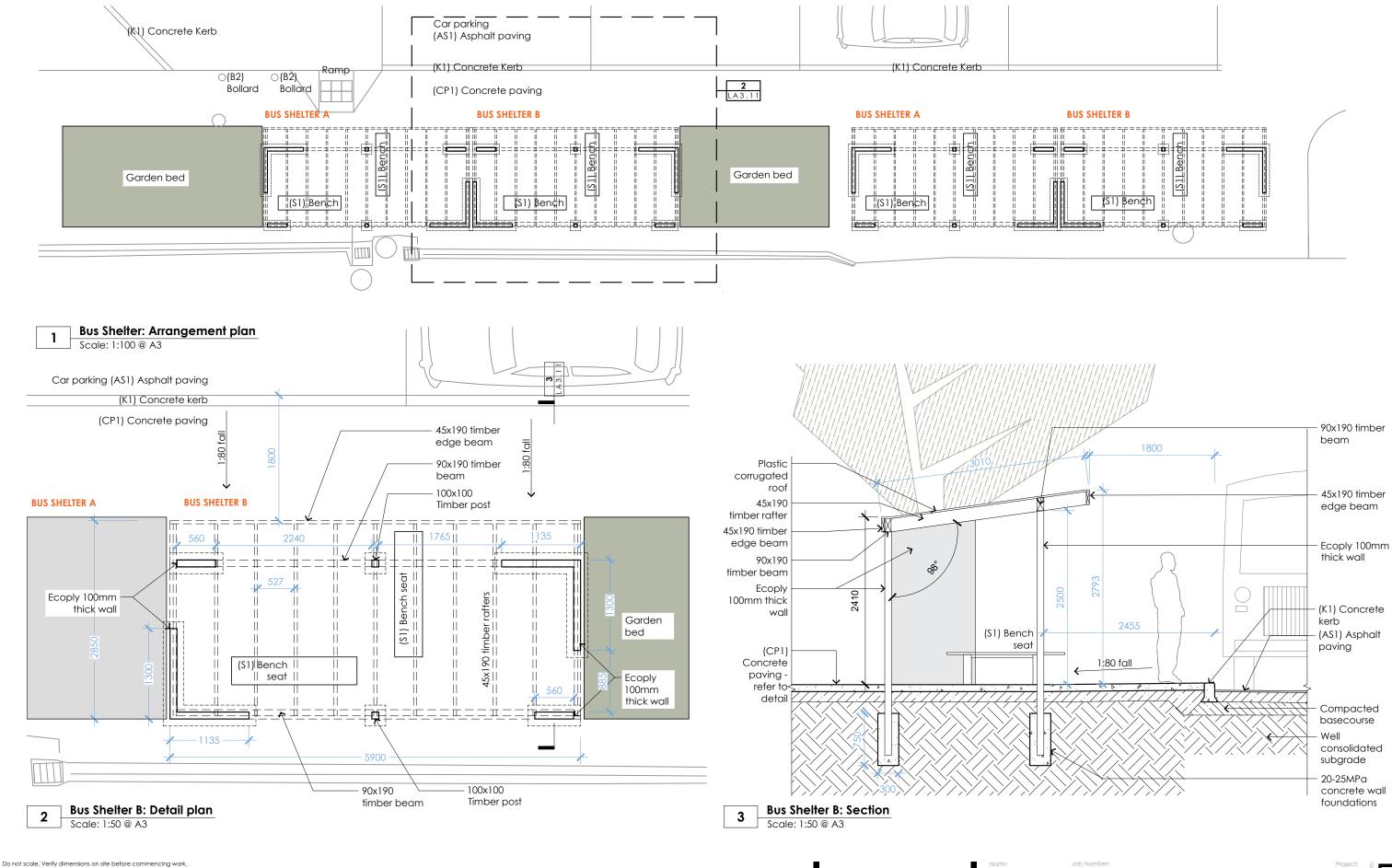
(\$2.2) Curved Bench Seat in concrete: typical detail
SECTION\_Scale: 1:20 @ A3

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A Detail design 50% 23.06.2022

B For comment 13.09.2022

No. Revision Notes. Dat

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2004-1127
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Naenae College
Drawing Title:

Bus shelter
sheet 1 of 1

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