


RIVER STREET COMMUNITY PRECINCT - LANDSCAPE FOR DA

KEY PLAN



 Extent of Landscape Areas

LANDSCAPE DRAWINGS SHEET REGISTER			
Sheet No.	Sheet Name	Rev. No.	Rev. Date
L0000	COVER PAGE/LOCALITY PLAN	B	26/04/2023
L0001	LANDSCAPE NOTES 1	B	26/04/2023
L0002	LANDSCAPE NOTES 2	B	26/04/2023
L1002	LANDSCAPE GENERAL ARRANGEMENT	B	26/04/2023
L1003	LANDSCAPE DEMOLITION PLAN	B	26/04/2023
L1004	LANDSCAPE FINISHES PLAN	B	26/04/2023
L1005	LANDSCAPE SETOUT PLAN	B	26/04/2023
L1006	LANDSCAPE LEVELS PLAN	B	26/04/2023
L1007	LANDSCAPE PLANTING PLAN 1	B	26/04/2023
L1008	LANDSCAPE PLANTING PLAN 2	B	26/04/2023
L1010	LANDSCAPE IRRIGATION PLAN 1	B	26/04/2023
L1011	LANDSCAPE IRRIGATION PLAN 2	B	26/04/2023
L2003	LANDSCAPE SECTION	B	26/04/2023
L8001	LANDSCAPE DETAILS 1	B	26/04/2023
L8002	LANDSCAPE DETAILS 2	B	26/04/2023

Plant List					
ID	Qty	Common Name	Botanical Name	Scheduled Size	Remarks
Trees					
BraAce	2	Bottle Tree; Illawarra Flame Tree	Brachychiton acerifolius	100 Litre	
EIOb	2	Hard Quandong	Elaeocarpus obovatus	100 Litre	
HaPe	12	Tulipwood	Harpullia pendula	100 Litre	
ToCi-1	2	Red Cedar	Toona ciliata	100 Litre	
Shrubs					
AcMy	54	Myrtle Wattle	Acacia myrtifolia	200mm	
AuD	45	Midgen Berry	Austromyrtus dulcis	200mm	
CaISal	40	great balls of fire	Callistemon Salignus	200mm	
CoSt	48	Narrow-leaved Palm Lily	Cordylina stricta	200mm	
CoAl	178	White Correa	Correa alba	200mm	
DaPu	11	Davidson's Plum	Davidsonia puriens	25 Litre	
DiCarg	18	Silver falls	Dichondra argentea 'Silver Falls'	150mm	
DIeiri	6	African Iris	Dietes robinsoniana	300mm	
GaLi	15	"White Gaura, Lindheimer's beeblossom"	Gaura lindheimeri	150mm	
GREcri	9	Crimson Vilella	Grevillea 'Crimson villea'	200mm	
RaFi	11	Native Gardenia	Randia fitzalanii	25 Litre	
OzBreed-R	8	Indian Hawthorn	Rhaphiolepis indica	200mm	
Ss	42	'Tall Baeckea', 'Howie's Feathertips'	Sannantha similis (formerly Baeckea virgata)	200mm	
Wf	222	Coastal Rosemary	Westringia fruticosa	200mm	
WeFr	8	Coastal Rosemary	Westringia fruticosa	200mm	
Ground Covers					
Af	23	Koala Bells	Artanema fimbriatum	150mm	
CaGl	18	Coastal Moonflower, Pigface, Iceplant	Carpobrotus glaucescens	150mm	
FINo	96	knobby club-rush	Ficinia nodosa	200mm	
Gj	84	Prickly Grevillea	Grevillea juniperina	200mm	
Oa	38	Cat's Whiskers	Orthosiphon aristatus	150mm	
RuHe	33	Wrinkled Kerrawang	Rulingia hermanniifolia	150mm	
ScAe	91	Blue Fanflower	Scaevola aemula	150mm	
ScUn	48	Lilac Lily	Schelhammera undulata	150mm	
ViHe	436	Native Violet	Viola hederacea	150mm	
Grasses					
BaTeOr	50	Tassel Rush	Baloskion tetraphyllum (formerly Restio tetraphyllum)	200mm	
DiCa	450	Paroo Lily, Blue Flax-lily	Dianella caerulea	150mm	
Lc	366	Mat-rush	Lomandra confertifolia	200mm	
LoHy	118	Green matrush	Lomandra hystrix	200mm	
LoLo	106	Spiny-headed Mat-Rush	Lomandra longifolia	200mm	
OpIm	70	Basket Grass	Oplismenus imbecillis	150mm	
PLEarg	9	Silver Plectranthus	Plectranthus argentatus	150mm	
Climbers					
Sfl	58	Star Jasmine	Stephanotis floribunda	200mm	
Aquatic Plants					
Perennials					
AsEI	156	Cast Iron Plant	Aspidistra elatior	200mm	
CrPe	292	Swamp Lily, River Lily	Crinum pedunculatum	200mm	
Ferns					
AsAu	29	Crow's Nest Fern	Asplenium australasicum	200mm	
DoAs	48	Prickly Rasp Fern	Doodia aspera	200mm	
Total	3352				

NOT FOR CONSTRUCTION

ISSUE	DESCRIPTION	BY	APP'D	DATE
A	DA		DM	20/02/2023
B	DA Update		DM	26/04/2023

NORTH / SCALE

Scale N/A



PROJECT TEAM



LANDSCAPE ARCHITECT / URBAN DESIGNERS



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AILA Registered Landscape Architect

CLIENT NAME

Nimbus Architects for Clarence Valley Council

PROJECT

River Street Community Precinct Maclean

DRAWING TITLE

Landscape Cover

CREATED	DATE	CHECKED	PROJECT STAGE	SHEET SIZE
	26/04/2023	DM	Design Development	ISO A1
PROJECT NUMBER	DRAWING NUMBER	ISSUE		
2202	L_000	B		

SECTION 1 - GENERAL

SERVICES

The Contractor shall be responsible for investigation and location of the existing underground services and having an awareness of above ground services. The presence of services shown on the drawings does not relieve the Contractor from the responsibility to further investigate the existence of such lines and make all proper allowances for their effect on the works.

Existing services are to be protected from damage and any damage is to be made good. Notify all service or supply authorities before commencing work on or in the vicinity of a service as required by the regulations of that Authority. Where an existing service is to be removed, temporarily shut down, redirected, adjusted or augmented, to suit the new works, the Contractor is to arrange for the necessary notifications, approvals, fees, and tradespeople as required by the service provider to implement the works.

1-03 ENVIRONMENTAL PROTECTION

The Contractor shall protect from damage all trees and, neighbouring properties, public land, roads and kerbing, that are specified for protection or that lie outside the realm of reasonable damage from construction, or outside the boundaries of the site.

The Contractor shall demonstrate and implement measures to protect storm water inlets as applicable prior to the commencement of construction. Protective measures once approved are to remain in operation for the full duration of the contract and protect against run off from both stored materials and the construction process.

Building operations such as brick cutting, washing tools, concreting and bricklaying shall be undertaken on the construction site. The pollutants from these building operations shall be contained on site.

At all times and in particular during during windy and dry weather, unprotected areas will be stabilised/kept moist (not wet) to keep dust under control. All dust caused by the use of machinery and tools is to be controlled ensuring conformity to regulatory authority requirements.

Prior to the commencement of works on site, an Erosion and Sediment Control Plan is to be prepared. This shall be submitted for approval by the Superintendent prior to the commencement of any work.

1-04 DELAPIDATION SURVEY

Prior to the commencement of the works a dilapidation survey is to be prepared using digital photographs. The photographs are to be clearly identified as to the location of their content. The following elements are to be recorded:

- ? all street furniture
- ? all street trees and surrounds
- ? all garden beds
- ? all kerb & footpath areas
- ? all adjoining premises ie: shopfronts2
- ? all permanent marks
- ? all trees

1-05 TRAFFIC & PEDESTRIAN MANAGEMENT PLAN

Before any Contract Work is undertaken, a Traffic and Pedestrian Management Plan is to be prepared by the Contractor and approved by the Superintendent.

The plan is to identify how pedestrians can safely move around and through the work area. Pedestrian access to all buildings, laneways and pedestrian crossing points is to be maintained at all times. The plan should also address the location of an alternate arrangements for the bus zones, taxi zones, disabled parking and loading zones as necessary during construction in that part of the works.

The plan will also identify how vehicular movement and safety will be maintained and identify impacts on parking.

The contractor is to include allowances for all temporary signage, ramps, fencing etc. to implement the Traffic & Pedestrian Management Plan.

1-06 WORK SEQUENCING

Construction works are to be planned and programmed so that footpath areas are progressively finished and reopened to the public. The Superintendent will not allow full sections of footpath to be left closed or under construction to expedite the Contract Works.

The Contractor is to provide a preliminary program and concise written statement confirming how Contract Works will be staged to minimise impact on shopkeepers, pedestrians and available parking.

1-07 PRESERVATION OF SURVEY INFRASTRUCTURE (POSI)

All work within a one metre radius of the new Permanent Marks shall be undertaken by hand tools. All survey works will be conducted in accordance with the Surveyors Regulation 2017, and the Surveying and Spatial Information Act, 2002.

1-08 CONSTRUCTION TOLERANCES FOR ABUTMENT OF SURFACES

All finished pavement surfaces are to finish flush with adjoining surfaces except where a step is shown. Acceptable tolerances of differential for abutment of surfaces shall be in accordance with AS1428.1 2009, Clause 7. A tolerance of + or - 3mm vertical or + or 5mm if there is a beveled edge. This includes all pit and service covers, and different pavement materials as well as any settlement following construction within the defects period. Where vertical differences are greater than 3mm the surface differential will be rectified at the contractors' expense.

SECTION 2 - DEMOLITION

2-01 GENERAL

The Demolition of existing structures is to be carried out in accordance with AS 2601.

The Contractor shall ensure the protection of adjacent properties and remaining existing structures during the process of demolition and ensure the weather tightness of remaining existing structures until the new work is completed.

Demolished materials are to be removed from the site. Any re-usable materials not to be re used in the works should be protected from damage and sold or removed to a local recycling centre. Other materials are to be disposed of in accordance with the requirements of Local Authorities. The Contractor is to ensure that the site remains safe at all times for the workers, and occupants of the site and surrounding properties or areas.

A work plan to AS2601 2001 for demolition, dismantling, site clearing and tree protection and removal is to be submitted prior to commencement of the works. The plan is to include proposed methods for the safe removal of asbestos. The work plan is to be submitted in writing and confirmed by the Principal prior to the commencement of the works.

2-02 ASBESTOS

Where materials containing asbestos to be removed as part of demolition, they shall be removed and disposed of in accordance with the requirements of Local Authorities. Workers and people occupying the site are to be protected from inhaling asbestos dust or fibres in accordance with local Safe Work requirements. Removal of Asbestos containing materials is to be carried out in accordance with NOHSC 2002 Code of Practice for the Safe Removal of Asbestos and in accordance with CVC Abestos Management Policy.

2-03 RE-USED MATERIALS

No materials from the demolition are to be re-used for the works unless specified in the contract and approved by the Superintendent. Structural materials to be reused are to be certified by a structural Engineer

2-04 TREE REMOVAL

Trees to be removed are to be removed by a qualified arborist. Care is to be taken when removing trees in the vicinity of trees to be protected to ensure no undue damage to trees to be retained or existing services. All tree parts are to be removed from site and disposed of.

SECTION 3 - GROUNDWORKS

3-01 EXTENT OF WORKS

This Section comprises the excavation, disposal of surplus excavated material, the supply and compaction of filling material and the preparation necessary to bring the areas under all finished pavement and structures to the correct shape and level prior to construction of finished pavements.

3-02 STANDARDS

Comply with the following standards unless otherwise specified:

AS 1289 Methods of testing soils for engineering purposes
AS 3798 Guidelines on earthworks for commercial and residential developments

3-03 INSPECTION

The Contractor is to give at least one working day's notice that the following are ready for inspection:

- Set out prior to excavation.
- rock encountered in the excavations
- excavation completed to Contract levels
- base including any required filling completed to Contract levels

3-04 DEFINITIONS

ROCK:
Any natural or artificial material encountered in the excavation which cannot be removed until broken up by explosives or mechanical means such as rippers, jackhammers or percussion drills.

OTHER THAN ROCK:
All other material encountered in excavation.

SUB-GRADE:
The natural ground below the excavations, compacted and ready for slab, footings, or pavements. Does not include top soil, uncompacted fill, loose or wet material.

FILLING:
A general term for all material spread and compacted over the sub-grade to make up finished levels or levels to the underside of the base.

SUB-BASE:
Selected filling spread and compacted over the sub-grade to make up levels to the underside of the base.

BASE:
A selected filling layer spread and compacted to form an acceptable working surface directly under the a structure.

3-05 EXCAVATIONS GENERALLY

Suspend any groundworks during inclement weather that would result in unsatisfactory work. Excavations shall be accurate to shape and profile and free from loose earth and stones. Excavate generally as required or as shown on the Drawings, in material as may be found including but not necessarily limited to the following:

- over the site to give correct finished levels and falls for floor slabs and external paved or graded areas.
- to prepare sub-grades as necessary. Trim the sub-grade surface evenly to the profiles shown on the Drawings. Make allowance for settlement and compaction.
- for underground services mentioned in other Sections of the Specification.
- for pier footings, footing beams, pad footings, ducts and pits, to depths shown.

Carry out additional excavation where necessary to permit full use of suitable mechanical equipment (e.g. skid steer loader) and backfill with appropriate material as specified in this Section.

3-01 LATENT CONDITIONS

The Contractor shall give sufficient notice of latent conditions found during the groundworks stage and shall cease work until final approval has been given to proceed from the Superintendent. Latent conditions may include:

- Archaeological or Historical remains not already identified or addressed in the works or the archaeological monitoring provisions of the specification.
Unknown existing services after reasonable checking by the Contractor pursuant to **GENERALLY EXISTING SERVICES.**

3-02 USE OF EXPLOSIVES

No explosives are to be used in the groundworks.

3-08 EXTENT OF EXCAVATION

Excavation is to be carried out to the extent required for the specified footings, slabs, and levels as noted on the drawings and as required by the specification to achieve minimum falls and bearing pressures. Refer to GROUNDWORKS : EXCAVATIONS GENERALLY.

3-09 SETTING OUT

Setting out shall be organised by the Contractor who will be responsible for the accuracy of lines, levels, and location of the finished works. Set out shall be approved by the superintendent prior to the commencement of the works. All dimensions shall be confirmed on site.

3-10 SITE CLEARING

Clear only those site areas shown on the Drawings to be cleared, or as required for the proper carrying out of the works.

Except for the area to be cleared, protect trees and other plants from damage pursuant to **GENERALLY - ENVIRONMENTAL PROTECTION and GROUNDWORKS PROTECTION OF TREES TO BE RETAINED.** Within the area specified or shown to be cleared:

- remove trees, logs, stumps, roots, shrubs, scrub and boulders.
- grub out roots and stumps over 75mm diameter to a minimum depth of 500mm below sub-grade under building or paved areas or below finished surface in unpaved areas. Fill grub holes and other voids with suitable spoil and compact in 150 - 200mm layers to finish at levels shown on the Drawings;
- remove rubble remaining from excavations;
- break up and remove slabs, foundations and pavings found on the surface, or within 200mm of the base of finished surface in areas to be landscaped as specified in EXTERNAL WORKS;3-01

3-11 PROTECTION OF TREES TO BE RETAINED

Trees to be retained are those shown on the site plan. Trees to be retained are to be clearly marked and approved by the Superintendent prior to commencement of works. Should any tree be damaged during the work under the contract the Contractor is to notify the Superintendent. The Contractor shall arrange for any repair work to be carried out by a qualified arborist at no extra cost, but only as directed by the Superintendent. Repair work may include full replacement of damaged trees if the damage precludes repair.

3-01 GROUNDWORKS NEAR TREES

Do not remove topsoil from within the drip line of trees to be retained unless otherwise specified. If it is necessary to excavate within the drip line, use hand methods such that root systems are preserved intact and undamaged. Open up excavations under tree canopies for as short a period as possible. Do not place spoil from excavations against tree trunks, even for short periods.

Do not cut tree roots exceeding 50mm diameter unless permitted by the Superintendent. Where it is necessary to cut tree roots, use a chain saw or similar means such that the cutting does not unduly disturb or rock the remaining root system. Immediately after cutting, apply an approved fungicidal sealant to the cut surface. Do not stockpile materials within the drip line of trees to be retained.

Any pruning required to trees above ground shall be carried out with the approval of the Superintendent.

3-02 EXISTING SERVICES

Pursuant to GENERALLY : EXISTING SERVICES if services or obstructions not shown on the Drawings or the Services Survey are discovered prior to and during the work under the Contract, notify the Superintendent immediately. Do not excavate by machine within 1m of existing underground services without prior approval.

3-03 DEWATERING

Maintain excavations, levelled and filled areas free of water by temporary catch drains, sumps, pumping, bailing or whatever means are suitable and effective. Immediately before placing concrete or masonry on ground remove all free water and foreign matter. Prevent any water flow over freshly laid work.

3-04 SHORING

Provide all shoring, planking and strutting necessary to retain the sides of the excavations, and to ensure safe working. Provide safety covers over holes. Provide any necessary needling, shoring and strutting to adjacent structures. If in the opinion of the Superintendent any support provided is insufficient he may order the provision of additional support.

No instruction shall relieve the Contractor of sole responsibility for the sufficient support of the excavation. Guard against the formation of voids outside sheeting or sheet piling if used, and should any voids form, fill and consolidate them to approval.

Remove shoring and timbering progressively as the work proceeds unless otherwise instructed.

3-05 EROSION CONTROL

Pursuant to GENERALLY : ENVIRONMENTAL PROTECTION a Sediment and Erosion Control Plan shall be prepared by the Contractor and submitted to the Superintendent for approval prior to the commencement of works

3-06 GRADING

Grade external areas to achieve falls as specified or to evenly grade between specified levels.

3-07 DISPOSAL OF SPOIL

Spoil not reusable as mulch or fill from clearing and excavation is to be removed from the site and disposed of in accordance with the requirements of local authorities.

3-01 FILLING

Bring all filling on to the site unless it can be provided from spoil recovered from the site. Filling shall be sound material, free of perishable material or any material that will not form stable fill.

Filling shall be of the following types:
APPROVED EXCAVATED MATERIAL: The best of the clean inorganic excavated material, approved by the Superintendent.
POROUS FILLING: Blue metal graded from 40mm to 15mm.

3-02 COMPACTION

Place filling in layers not exceeding 150mm deep when measured loose. Bring filling to optimum water content by watering, and compact each layer thoroughly and uniformly with a vibrating roller where practicable. Hand tamp against ground or perimeter beams or walls.

Compact each layer of filling to obtain a uniform density of not less than 98% of the maximum density at optimum moisture content as determined by the Dry Density/Moisture Content tests set out in AS 1289 Part E, or by proof rolling.

3-01 SERVICES EXCAVATIONS

Excavate to the lines, levels and grades are required for drainage, water, gas, NBN, electrical and other underground services specified in the relevant Sections.

Trench widths shall be the minimum consistent with laying and bedding of pipes. Increase trench widths where necessary to permit the construction of manholes and pits.

Trench depths shall be to the underside of pipe or bedding if any. Take out joint holes as required to accommodate pipe sockets and to relieve them of any load when the pipes are bedded and the trenches backfilled.

Excavate trenches truly straight and with uniform grades unless otherwise directed. Trench sides shall be as near vertical as possible. Leave a clear space of at least 300mm between the excavation and the spoil to prevent spoil running back into trenches.

Do not excavate trenches until sufficient pipes, conduits, cables, and the like, are on site ready for laying for the full lengths of trench between manholes, and do not open a length of trench in advance of the laying greater than can be laid in one working day.

Do not lay pipes, conduits, cables, and the likes, until trenches have been inspected and accepted by the Superintendent for such purposes.

Cut back roots encountered in trenches to not less than 600mm clear of the pipe, conduit, cable, etc. Remove such other roots, stumps or obstructions which may, in the opinion of the Superintendent, interfere with the proper functioning of the service.

3-01 BACKFILLING SERVICE EXCAVATIONS

Backfill trenches as soon as possible after the relevant service line has been laid, tested and approved by the Superintendent. Where cement mortar bedding has been used it shall attain an approved minimum strength before commencement of backfilling. Prevent pipelines floating before backfilling is completed. Where the trench bottom will provide adequate support for pipes and is free of hard sharp objects frm the trench to grade; otherwise provide a bedding of sand or approved excavated rock-free granular material unless otherwise specified.

To all sewer drainage and to UPVC pipes where specified, provide minimum 50mm thick 4:1 sand :cement mortar bedding to support the underside of pipe over 1/3 its circumference.

Generally provide initial fill of approved excavated material free from stones retained on a 25mm sieve. For UPVC pipes, provide approved excavated material free from stones retained on a 13.2mm sieve. Fill to cast iron pipes shall be free of cinders, ashes, garbage or highly organic material.

Consolidate the fill so that the pipe is buttressed by the walls of the trench. Fill the trench initially to a depth of 150mm above top of pipes generally and 300mm above top of pipes on mortar bedding, and consolidate by hand without disturbing or damaging pipes or joints.

Except for topsoil backfill as specified in GROUNDWORKS : PLACING TOPSOIL backfill remainder of trench with approved excavated material and compact as specified in COMPACTION: GROUNDWORKS.

3-01 BEARING SURFACES IN ROCK

Where structural loads bear on rock, unless otherwise specified scabble the rock face to give even plane bearing surfaces, level unless required to be sloping or stepped.

Step to brick courses if supporting brickwork. Fill faults or fissures with 1:2:5 concrete.

Bored pier holes shall be taken a minimum of 150mm below the rock surface and the bottoms cleaned of all loose matter.

3-02 SITE REINSTATEMENT

Unless otherwise specified, reinstate the developed and undeveloped ground surfaces of the site to the condition existing at the commencement of the work under the Contract.

NOT FOR CONSTRUCTION

Note: All dimensions subject to on site verification prior to execution. Figured dimensions shall be taken in preference to scaling. Drawings made to larger scales and those showing particular parts of the works shall take precedence over drawings made to smaller scale and those for general purposes. All work is to conform to relevant Australian Standards and other codes as applicable together with other authorities' requirements and regulations. Design drawings by other disciplines have been included for coordination only. All rights reserved. COPYRIGHT © 33 Parallel Landscape Architects. May not be reproduced without permission

PROJECT TEAM

THIRTY-THREE°
PARALLEL

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nimbus

architecture + heritage

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CLIENT NAME

Nimbus Architects for Clarence Valley Council

PROJECT

River Street Community Precinct Maclean

DRAWING TITLE

Landscape Notes 1

CREATED	DATE	CHECKED	PROJECT STAGE	SHEET SIZE
	26/04/2023	DM	Design Development	ISO A1
PROJECT NUMBER	DRAWING NUMBER			ISSUE
2202	L_001			B

- 1 FUTURE LIBRARY ENTRANCE
- 2 EXISTING CONCRETE FOOTPATH
- 3 MAIN PEDESTRIAN ENTRY / ACCESSIBLE WALKWAY
- 4 SECONDARY PEDESTRIAN ENTRY / ACCESSIBLE WALKWAY
- 5 OUTDOOR STAGE / YARNING CIRCLE
- 6 GRASSED AMPITHEATRE SLOPE
- 7 AMPITHEATRE SEATING
- 8 UPGRADED GARDEN ENTRY TO MAYORAL ROOMS
- 9 BIKE RACKS
- 10 DRINKING FOUNTAIN
- 11 LAWN QUIET ZONES / BREAKOUT SPACE
- 12 RIVER ST FOOTPATH UPGRADE

LEGEND

P1

PAVING TYPE 1
INSITU CONCRETE - BROOM FINISH
REFER TO MATERIALS SCHEDULE

P2

PAVING TYPE 2
UNIT PAVERS
REFER TO MATERIALS SCHEDULE

STEPS AND LANDING

TACTILES

SANDSTONE AMPITHEATRE SEATING - 660mm x500mm DRY STACKED SANDSTONE LOGS - LENGTHS MAY VARY

SANDSTONE YARNING CIRCLE STEPS - 600mm x300mm DRY STACKED SANDSTONE LOGS - LENGTHS MAY VARY

STEPPING STONES-RECTANGULAR 1000x500mmx75mm

CONCRETE HOB/GARDEN EDGE

WEATHERING STEEL GARDEN EDGE

RETAINING WALLS

HANDRAILS

INDICATIVE PARK LIGHTING

GARDEN TAPS

DRINKING FOUNTAIN

RUBBISH BIN

BIKE RACKS

10445

PROPOSED LEVELS

10445

EXISTING LEVELS

E13

EXISTING TREE TO BE REMOVED

PROPOSED TREES

GARDEN BED

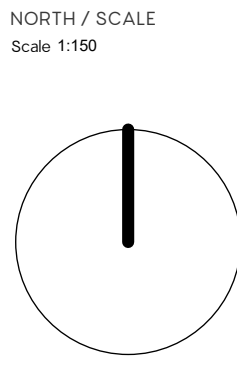
TURF

RAISED PLANTING BED

2 River Street Community Precinct Outdoor Plaza Landscape General Arrangement Plan
Scale: 1:150

NOT FOR CONSTRUCTION

ISSUE	DESCRIPTION	BY	APP'D	DATE
A	DA		DM	20/02/2023
B	DA Update		DM	26/04/2023



PROJECT TEAM

nimbus
architecture + heritage

LANDSCAPE ARCHITECT / URBAN DESIGNERS

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PROJECT
River Street Community Precinct
Maclean

DRAWING TITLE Landscape General Arrangement Plan				
CREATED	DATE	CHECKED	PROJECT STAGE	SHEET SIZE
	26/04/2023	DM	Detailed Design	ISO A1
PROJECT NUMBER	DRAWING NUMBER	ISSUE		
2202	L_102	B		

SHEET IN COLOUR - PRINT ALL COPIES IN COLOUR

OUTDOOR LANDSCAPE AREAS
TO BE DEMOLISHED

2

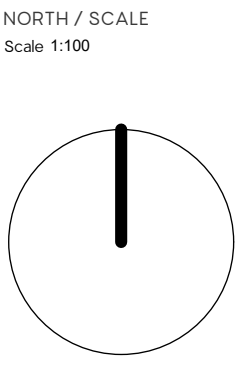
River Street Community Precinct Outdoor Plaza Landscape Demolition Plan
Scale: 1:150

SHEET IN COLOUR - PRINT ALL COPIES IN COLOUR

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A	DA		DM	20/02/2023
B	DA Update		DM	26/04/2023



PROJECT TEAM
nimbus
architecture + heritage

LANDSCAPE ARCHITECT / URBAN DESIGNERS
**THIRTY-THREE°
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PROJECT
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Maclean

DRAWING TITLE Landscape Demolition Plan				
CREATED	DATE	CHECKED	PROJECT STAGE	SHEET SIZE
	26/04/2023	DM	Detailed Design	ISO A1
PROJECT NUMBER	DRAWING NUMBER	ISSUE		
2202	L_103	B		

SHEET IN COLOUR - PRINT ALL COPIES IN COLOUR

CLARENCE VALLEY COUNCIL RIVER STREET COMMUNITY PRECINCT (PHASE 1)
48 RIVER STREET, MACLEAN
LOT 1 DP667217

Information. Contractor to confirm own measurements.

Description	Supplier (or nominated equivalent)	Unit	Qty
with s182 reinforcement placed centrally 50mm reinforcement bar at joint locations medium to line of travel. Edges, joints and grooves shall have no trowelled expansion joints.	N/A, by contractor	M2	TBA
paver series.	Bowral Bricks	M ²	TBA
15mm chamfer to exposed edges, with 2no. n32 20 compacted to no less than 95% m.d.d. Steel	N/A, by contractor	Lin.m	TBA
(Finishing at ends) wide x 500mm high x length to provide level seating within 10mm circular plan with 10mm tolerance.	N/A, by contractor	Lin.m	TBA
	N/A, by contractor	Item	3
	TBA	Item	TBA
m long with off form finish	N/A, by contractor	Item	6
h varies	N/A, by contractor	m2	N/A
With Dog Bowl and Bottle Refill Tap. Product	Driffin Street Furniture	Item	1
	cora.com.au ph 1800 249 878	Item	2
304 stainless steel unequal angle edge for . Position steel edge vertically with top edge, on to be fabricated to lengths. Fix with SS at 50mm from top.	N/A, by contractor	Lin.m	TBA
re: 240 litre, with hood	www.goss.com.au/ 073877 3856	Item	1
		Item	6
	TBC	Item	6
Walmay Architectural products Steppmaster 500 series insert		Item	6

Brick paving. Refer materials schedule

Flush Steel Garden edging. Refer materials schedule

New concrete hob 150mm high x 150mm wide

660-450 wide x 500mm high x length varies Sandstone amphitheatre bleacher seating

Steel Balustrade

3 Concrete steps 330mm tread x 150mm riser

Brick paving. Refer materials schedule

Canopy over. Refer architects detail

Tactiles. Refer materials schedule

Garden Tap

Garden Tap

Curving timber bench seat. Refer materials schedule

Garden Tap

Rubbish bin

Sandstone stepping stones. Refer materials schedule

2 x bike racks on concrete slab. Refer materials schedule

Individual Sandstone seating lot

New Water Fountain. Refer materials schedule. Refer engineers detail connection detail

Existing electrical box. Refer engineers detail

1
A1

2

1
A1

C

-
- The diagram shows a circular garden bed layout. A central circle is labeled 'PROPOSED TREES'. Surrounding this is a ring labeled 'GARDEN BED'. The outermost area is labeled 'TURF'. A legend on the right side of the diagram identifies the colors: a dark green square for 'GARDEN BED', a light green square for 'TURF', and a yellow square for 'RAISED PLANTING'.

[illegible]

River Street Community Precinct Outdoor Plaza Landscape Finishes Plan
Scale: 1:100

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PROJECT TEAM

nimbus
architecture + heritage

LANDSCAPE ARCHITECT / URBAN DESIGNERS

3.3 PARALLEL

CLIENT NAME

PROJECT

DRAWING TITLE

CREATED	DATE	CHECKED	PROJECT STAGE	SHEET SIZE
	26/04/2023	DM	Detailed Design	ISO A1
PROJECT NUMBER			DRAWING NUMBER	ISSUE
2202			L_104	B

LEGEND

P1

PAVING TYPE 1
INSITU CONCRETE - BROOM FINISH
REFER TO MATERIALS SCHEDULE

P2

PAVING TYPE 2
UNIT PAVERS
REFER TO MATERIALS SCHEDULE

STEPS AND LANDING

TACTILES

SANDSTONE AMPITHEATRE SEATING - 660mm
x500mm DRY STACKED SANDSTONE LOGS -
LENGTHS MAY VARY

SANDSTONE YARNING CIRCLE STEPS - 600mm
x300mm DRY STACKED SANDSTONE LOGS -
LENGTHS MAY VARY

STEPPING STONES-RECTANGULAR
1000x500mmx75mm

CONCRETE HOB/GARDEN EDGE

WEATHERING STEEL GARDEN EDGE

RETAINING WALLS

HANDRAILS

INDICATIVE PARK LIGHTING

GARDEN TAPS

DRINKING FOUNTAIN

RUBBISH BIN

BIKE RACKS

10445

PROPOSED LEVELS

10445

EXISTING LEVELS

E13

EXISTING TREE TO BE REMOVED

PROPOSED TREES

GARDEN BED

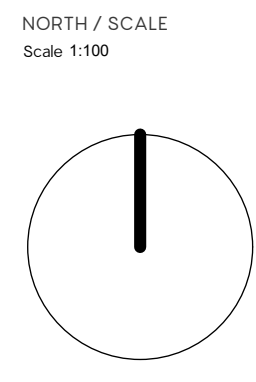
TURF

RAISED PLANTING BED

2 River Street Community Precinct Outdoor Plaza Landscape Levels Plan
Scale: 1:100

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ISSUE	DESCRIPTION	BY	APP'D	DATE
A	DA		DM	20/02/2023
B	DA Update		DM	26/04/2023



PROJECT TEAM

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CLIENT NAME	Nimbus Architects for Clarence Valley Council
PROJECT	River Street Community Precinct Maclean
DRAWING NUMBER	L_106
ISSUE	B

DRAWING TITLE	Landscape Levels Plan
CREATED	26/04/2023
DATE	DM
CHECKED	Detailed Design
PROJECT STAGE	
SHEET SIZE	ISO A1
PROJECT NUMBER	2202
DRAWING NUMBER	L_106
ISSUE	B

LEGEND

- P1

P2
- STEPS AND LANDING
- TACTILES
- SANDSTONE AMPITHEATRE SEATING - 660mm x500mm DRY STACKED SANDSTONE LOGS - LENGTHS MAY VARY

SANDSTONE YARNING CIRCLE STEPS - 600mm x300mm DRY STACKED SANDSTONE LOGS - LENGTHS MAY VARY

STEPPING STONES-RECTANGULAR 1000x500mmx75mm

CONCRETE HOB/GARDEN EDGE

WEATHERING STEEL GARDEN EDGE

RETAINING WALLS

HANDRAILS

INDICATIVE PARK LIGHTING

GARDEN TAPS

DRINKING FOUNTAIN

RUBBISH BIN

BIKE RACKS

10445

PROPOSED LEVELS

10445

EXISTING LEVELS

E13

EXISTING TREE TO BE REMOVED

PROPOSED TREES

GARDEN BED

TURF

RAISED PLANTING BED
-
- 2 River Street Community Precinct Outdoor Plaza Landscape Planting Plan
Scale: 1:100
- SHEET IN COLOUR - PRINT ALL COPIES IN COLOUR
- NOT FOR CONSTRUCTION
- | ISSUE | DESCRIPTION | BY | APP'D | DATE |
|-------|-------------|----|-------|------------|
| A | DA | | DM | 20/02/2023 |
| B | DA Update | | DM | 26/04/2023 |
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PROJECT

River Street Community Precinct Maclean
- | CREATED | DATE | CHECKED | PROJECT STAGE | SHEET SIZE |
|----------------|----------------|---------|-----------------|------------|
| | 26/04/2023 | DM | Detailed Design | ISO A1 |
| PROJECT NUMBER | DRAWING NUMBER | ISSUE | | |
| 2202 | L_107 | B | | |

LEGEND

- Irrigation Dripline for Lawn Areas

1. Techline AS-XR 13mm Pressure compensating Sub-Surface Dripline or approved equivalent 500mm line spacing 400mm emitter spacing. 1.6 LPH drippers
- Irrigation Dripline for Garden Areas

2. Techline AS 13mm Pressure compensating Dripline or approved equivalent. 3.0 LPH drippers
- 35.45 lpm

Flow rate per zone in Litres/minute
- Irrigation Controller

Hunter Pro-HC PHC 12 - 12 Station Outdoor Wi Fi Irrigation controller
- POC

Point of Connection
- Solenoid Valves

Hunter PGV-100G
- Mainline pipe
- Lateral line pipe
- Valve Box
- Line Flushing Valve
- Pressure regulating valve
- Filter

FOR CONTINUATION REFER TO SHEET L1010

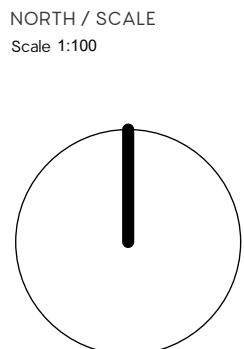
2 River Street Community Precinct Outdoor Plaza Landscape Irrigation Plan1
Scale: 1:100

IRRIGATION UNDER DESIGN DEVELOPMENT

NOT FOR CONSTRUCTION

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ISSUE	DESCRIPTION	BY	APP'D	DATE
A	DA		DM	20/02/2023
B	DA Update		DM	26/04/2023



PROJECT TEAM

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LANDSCAPE ARCHITECT / URBAN DESIGNERS

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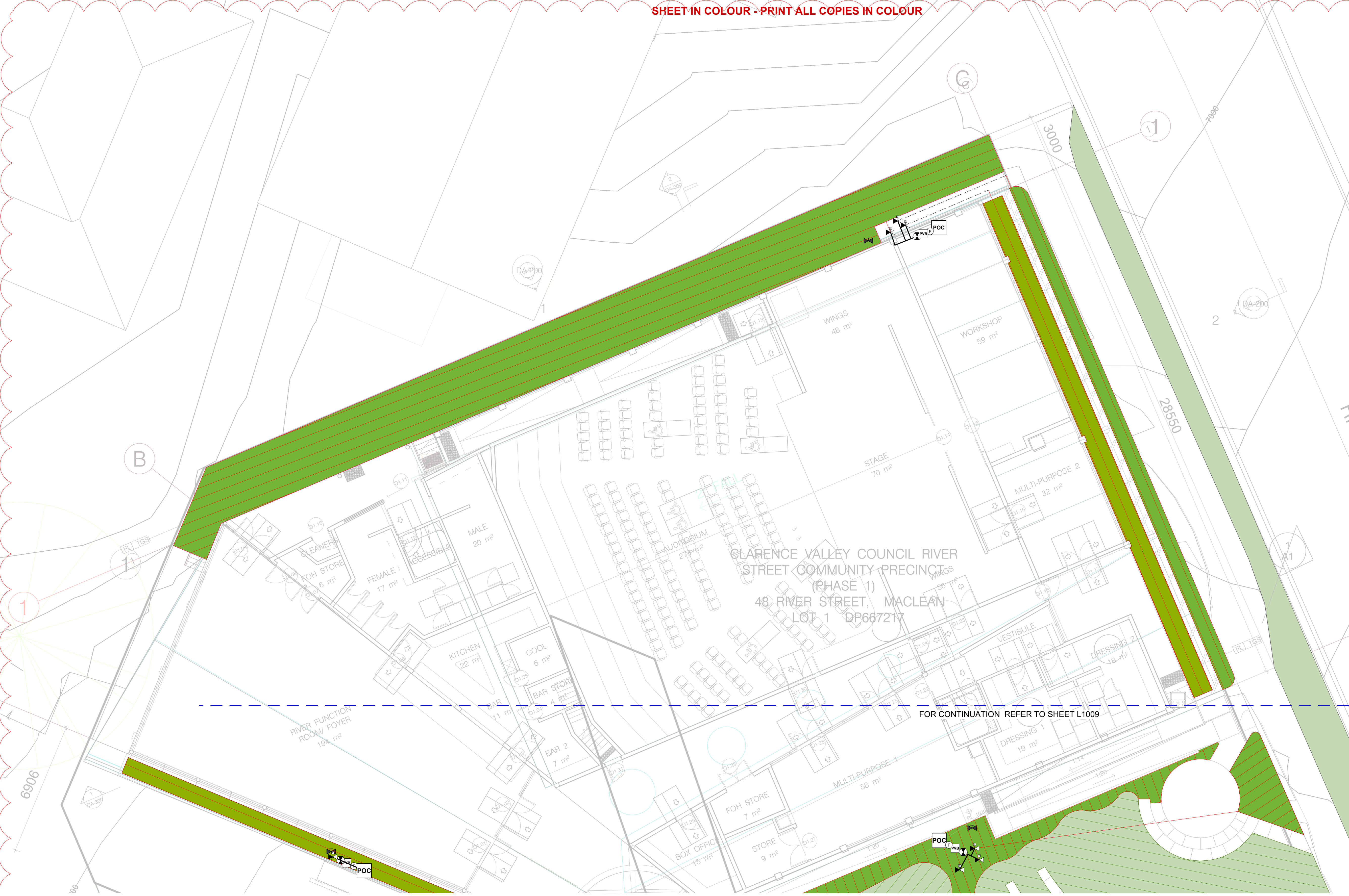
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PROJECT
River Street Community Precinct Maclean

DRAWING TITLE Landscape Irrigation Plan 1				
CREATED	DATE	CHECKED	PROJECT STAGE	SHEET SIZE
26/04/2023	DM	Detailed Design		ISO A1
PROJECT NUMBER	DRAWING NUMBER	ISSUE		
2202	L_109	B		



LEGEND

Irrigation Dripline for Lawn Areas
1. Techline AS-XR 13mm Pressure compensating Sub-Surface Dripline or approved equivalent 500mm line spacing 400mm emitter spacing. 1.6 LPH drippers

Irrigation Dripline for Garden Areas
2. Techline AS 13mm Pressure compensating Dripline or approved equivalent. 3.0 LPH drippers

35.45 lpm

Flow rate per zone in Litres/minute

Irrigation Controller
Hunter Pro-HC PHC 12 - 12 Station Outdoor Wi Fi Irrigation controller

POC
Point of Connection

Solenoid Valves
Hunter PGV-100G

Mainline pipe

Lateral line pipe

Valve Box

Line Flushing Valve

Pressure regulating valve

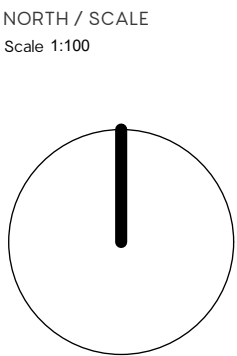
Filter

2 River Street Community Precinct Outdoor Plaza Landscape Irrigation Plan 2
Scale: 1:100

IRRIGATION UNDER DESIGN DEVELOPMENT

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ISSUE	DESCRIPTION	BY	APP'D	DATE
A	DA		DM	20/02/2023
B	DA Update		DM	26/04/2023



PROJECT TEAM

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PROJECT

River Street Community Precinct Maclean

DRAWING TITLE				
Landscape Irrigation Plan 2				
CREATED	DATE	CHECKED	PROJECT STAGE	SHEET SIZE
	26/04/2023	DM	Detailed Design	ISO A1
PROJECT NUMBER	DRAWING NUMBER		ISSUE	
2202	L_110		B	

IRRIGATION (PERFORMANCE SPECIFICATION)

- 1.1 General
- 1.2 The Scope of the irrigation supply and installation is:
 1. the entire garden area of the site
 2. the entire turf areas of the site
 3. Raised Garden beds located on River Street and in the River Room
- 1.3 The irrigation system should be designed, supplied and installed by an experienced specialist irrigation sub-Landscape Contractor, nominated by the Landscape Contractor and approved by the Principal's Authorised Person. After selection they will be required to prepare detailed irrigation plans and specification for approval by the Principal's Authorised Person prior to commencing work. The Landscape Contractor will co-ordinate the irrigation installation to the Principal's Authorised Person approval.

Ensure completion of the irrigation system before the commencement of any other landscape works, so as to provide a readily available supply of water to planting areas.

A plan must be prepared within 21 days of the contract being let to show the comprehensive irrigation system as specified, including detailed locations of all conduits as required under paved surfaces throughout the site. The information must be suitable to permit the location and installation of such conduits during hardworks preparation.

The Landscape Contractor is to liaise with Contractor as required and to coordinate locations for conduits sleeves or wall penetrations for later installation of irrigation.

The work is to be provided by an experienced, reputable and approved irrigation Landscape Contractor. The irrigation Landscape Contractor shall be responsible for determining water pressure, flow rate and locations of water connection and electrical supply.

1.1.1 Conduits

All irrigation conduits are the responsibility of the Builder. Landscape Contractor to prepare D/C irrigation design drawings indicating locations of irrigation conduits. Drawings to be submitted to Principal's Authorised Person for approval prior to installation. Once approved, the drawings to be issued by Builder for coordination and construction. Conduits are to be placed in the locations as required in accordance with future installation of irrigation control lines to the Irrigation designer's details. Ensure that these conduits are supplied with a draw cord and remain clearly marked throughout construction.

1.1.2 Approvals

Obtain all necessary approvals from relevant authorities. The Landscape Contractor is also responsible for complying with the requirements of all authorities connected with the works.

1.1.3 Standards and authorities

All workmanship and materials must conform to the relevant Australian Standards and all Sydney Water requirements.

1.1.4 Co-ordination of services

The Landscape Contractor shall be responsible for the co-ordination of the irrigation systems with other services throughout the site. The central electrical control box and timer shall be positioned in locations to be approved by Principal's Authorised Person.

1. Water supply connection
Connections to water supply points to be made in copper and piping is to remain in copper until isolation valve.
2. Isolation and master valve
An isolation valve of approved type (Brass gate or ball) is to be installed in an approved thermoplastic valve box. A master solenoid valve shall be installed downstream in the same box.
3. Backflow prevention
Backflow prevention will be obtained by the installation of a brass swing check valve downstream of the master valve and shall be in a separate thermoplastic valve box.
4. Controller
The controller shall have a minimum of 2 programs (winter and summer) and shall be of approved type Richdel, Irritrol, Rainbird, Hardie or Toro. There will be sufficient stations to run lawn and garden areas independently. A 240 volt general purpose outlet will be provided at designated locations.
5. Piping
All piping sizes are to be established from allowable water velocities of no greater than 2m/s and the minimum pressure losses required to operate the sprays or drippers according to manufacturer's specifications. PVC piping to be CL 12 and to be set at minimum depth of 300mm below finished grade.
6. Wiring
Wiring to be in conduit when above ground or any areas where there is no associated piping. In all other areas wire is to be fastened to irrigation pipes. Wire to be stranded multi core and all splices are to be watertight.
7. Valves
Valves to be of solenoid type (Rainbird, Richdel, Toro or Hardie) located in approved dark green or black coloured thermoplastic valve boxes set at grade in garden beds only.
8. Drip system
The drip system is to have adequate filtration and pressure regulation provided in line, in accordance with the manufacturers specifications. Filter and pressure regulator shall be located together in separate valve box downstream from and adjacent to solenoid valve operating drip system. Dripper placement and numbers to provide adequate application rate for plant requirements as related to size and type. Low density polyethylene tubing on in-line tubing to be set 50mm below top of soil level. If drippers on micro tube are to be used the dripper is to be located between mulch and soil level and is to be held in position with 150mm wire stakes. Drippers shall be pressure compensating with diaphragm or turbulent flow (labyrinth) type.
9. Spares
Provide spares at completion of irrigation work, properly packaged and labelled, and delivered to the Principal's Authorised Person or as directed. Allow 5% of risers/heads for spares.
10. Guarantees and warranties
Relating to the installation and products are to be handed to the Principal's Authorised Person on completion of the works.
- 1.2.2 Works as executed drawing
Provide complete dimension drawings, based on the approved design plan, of the entire irrigation system as executed, clearly indicating the type and location of all sprinkler lines, heads, etc. Obtain approval and revise as required. Hand the WAE Drawings to the Principal's Authorised Person upon completion of the works.
- 1.3 Completion
- 1.3.1 Completion and maintenance
Upon complete Landscape Contractor is to run through system to ensure system is operating correctly and instruct the client's representative in the correct operation and maintenance of the system. All instructions and programs are to be typed. Manuals, warranties, and a minimum of two programs, summer and winter to be provided to the Landscape Architect and the client's representative at the time of completion.
- 1.3.2 Practical
Upon practical completion Landscape contractor is to provide a certificate to the Principal's Authorised Person to confirm all landscape works have been carried out in accordance with all landscape documentation drawings and landscape specifications.
Upon practical completion (and following final inspection) Landscape architect is to provide a certificate to the Principal's Authorised Person to confirm that the landscape works have been completed in accordance with landscape documentation drawings and landscape specifications.

LEGEND

Irrigation Dripline for Lawn Areas

1. Techline AS-XR 13mm Pressure compensating Sub-Surface Dripline or approved equivalent 500mm line spacing 400mm emitter spacing. 1.6 LPH drippers

Irrigation Dripline for Garden Areas

2. Techline AS 13mm Pressure compensating Dripline or approved equivalent. 3.0 LPH drippers

35.5 lpm

Flow rate per zone in Litres/mminute

Irrigation Controller
Hunter Pro-HC PHC 12 - 12 Station Outdoor Wi Fi Irrigation controller

Point of Connection

Solenoid Valves
Hunter PGV-100G

Mainline pipe

Lateral line pipe















Valve Box

Line Flushing Valve

Pressure regulating valve

Fitter

Irrigation System Component Schedule

Symbol	Quantity	Type	Manufacturer	Series	Model
	1	Backflow Preventer	Generic	Pressure Vacuum Breakers	PVB-3/4
	1	Backflow Preventer	Generic	Pressure Vacuum Breakers	PVB-3/4
	1	Backflow Preventer	Generic	Pressure Vacuum Breakers	PVB-3/4
	1	Backflow Preventer	Generic	Pressure Vacuum Breakers	PVB-3/4
	1	Filter	Generic		
	1	Filter	Generic		
	1	Filter	Generic		
	1	Filter	Generic		
	1	Filter	Generic		
	1	Pressure Regulator	Toro(R)	PC Regulators	T-PMR15-LF
	1	Pressure Regulator	Generic	Pressure Regulators	PR-3/4
	1	Pressure Regulator	Generic	Pressure Regulators	PR-3/4
	1	Pressure Regulator	Generic	Pressure Regulators	PR-3/4
	1	Pressure Regulator	Generic	Pressure Regulators	PR-3/4

Irrigation Drip Area Schedule

Symbol	Area Quantity	Manufacturer	Series	Model	Area	Row Spacing	Estimated Length	Note
	9	Netafim (r)	Techline AS Dripline	AS	370.081 sq m	500	784120.74	
	4	Netafim (r)	Techline AS Dripline	AS-XR	268.573 sq m	500	539339.61	
	2	Netafim (r)	Techline AS Dripline	AS	0.07 sq m	609.6	231.13	


Irrigation Valve Schedule

Zone ID	Symbol	Type	Manufacturer	Series	Model	Size	Design Flow	Note
	☒	Control / Zone	Hunter Industries (r)	PGV	PGV-101G-AS-ADJ	25.4	44.4	
	☒	Control / Zone	Hunter Industries (r)	PGV	PGV-101G-AS-ADJ	25.4	0	
	☒	Control / Zone	Hunter Industries (r)	PGV	PGV-101G-AS-ADJ	25.4	9.42	
	☒	Control / Zone	Hunter Industries (r)	PGV	PGV-101G-AS-ADJ	25.4	8.15	
	☒	Control / Zone	Hunter Industries (r)	PGV	PGV-101G-AS-ADJ	25.4	13.9	
	☒	Control / Zone	Hunter Industries (r)	PGV	PGV-101G-AS-ADJ	25.4	5.061	
	☒	Control / Zone	Hunter Industries (r)	PGV	PGV-101G-AS-ADJ	25.4	13.501	
	☒	Control / Zone	Hunter Industries (r)	PGV	PGV-101G-AS-ADJ	25.4	24.908	
	☒	Control / Zone	Hunter Industries (r)	PGV	PGV-101G-AS-ADJ	25.4	5.061	
	☒	Control / Zone	Hunter Industries(R)	1in PGV Jar Top	PGV-100JT-G	25.4	0	
	☒	Control / Zone	Hunter Industries (r)	PGV	PGV-101G-AS-ADJ	25.4	6.934	

Note: All dimensions subject to on site verification prior to execution. Figured dimensions shall be taken in preference to scaling. Drawings made to larger scales and those showing particular parts of the works shall take precedence over drawings made to smaller scale and those for general purposes. All work is to conform to relevant Australian Standards and other codes as applicable together with other authorities' requirements and regulations. Design drawings by other disciplines have been included for coordination only. All rights reserved. COPYRIGHT of 33 Parallel Landscape Architects. May not be reproduced without permission

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NORTH / SCALE
Scale 1:100



PROJECT TEAM

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architecture + heritage

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PROJECT

River Street Community Precinct
Maclean

DRAWING TITLE

Landscape Irrigation Specification

CREATED	DATE	CHECKED	PROJECT STAGE	SHEET SIZE
	26/04/2023	DM	Detailed Design	ISO A1
PROJECT NUMBER			DRAWING NUMBER	ISSUE
2202			L_109	B

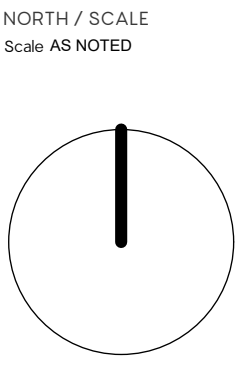
- 1 LIBRARY ENTRANCE
- 2 ACCESSIBLE LAWN AREAS
- 3 PEDESTRIAN ENTRY / ACCESSIBLE WALKWAY
- 4 PROPOSED STREET TREES - RIVER STREET FRONTAGE
- 5 AMPITHEATRE SEATING
- 6 GRASSED AMPITHEATRE SLOPE
- 7 OUTDOOR STAGE / YARNING CIRCLE
- 8 SCREEN PLANTING BACKDROP TO STAGE



Notes;
The green plaza space is designed to be a public open area that embodies the notion of “gathering”. It is the forecourt that draws people into the main entry to the theatre alongside a corridor of trees before opening up to the wider views of the Clarence River. The yarning circle in the forecourt also mirrors the circular motifs of the main entry, establishing both as key gathering points. This is a place for the community to gather. A place to meet before a show, yarn around the yarning circle, spectate an outdoor performance and find respite from busy River St under a canopy of rustling trees. This design follows the natural slope of the existing topography.
Key features include;
- The Outdoor Plaza acts as a forecourt and entry for the new theatre building, a Breakout space and also as a new stand-alone town centre park.
- Access to the Mayoral rooms and proposed library entrance is provided.
- The Plaza is accessible from anywhere along the River Street footpath, making the park more inviting and providing excellent passive surveillance.
- Wheelchair accessible access to the theatre is provided via the main entry or alternatively from the bottom end of the River Street footpath
- The plaza is left relativeley uncluttered to allow for generous turfed areas and varied programming associated with the outdoor stage, ampitheatre and yarning circle.
- Maintenance is kept to a minimum with simple and few materials.
- Seating is provided by ampitheatre bleacher seating, the yarning circle/stage steps and a curving bench along the back wall which acts as a sun trap at the south of the site.
- The stage is sunken so that it also acts as a yarning circle.
- Perimeter trees provide shade, frame the space and and articulate the "River Room" entry.

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ISSUE	DESCRIPTION	BY	APP'D	DATE
A	DA		DM	20/02/2023
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PROJECT TEAM

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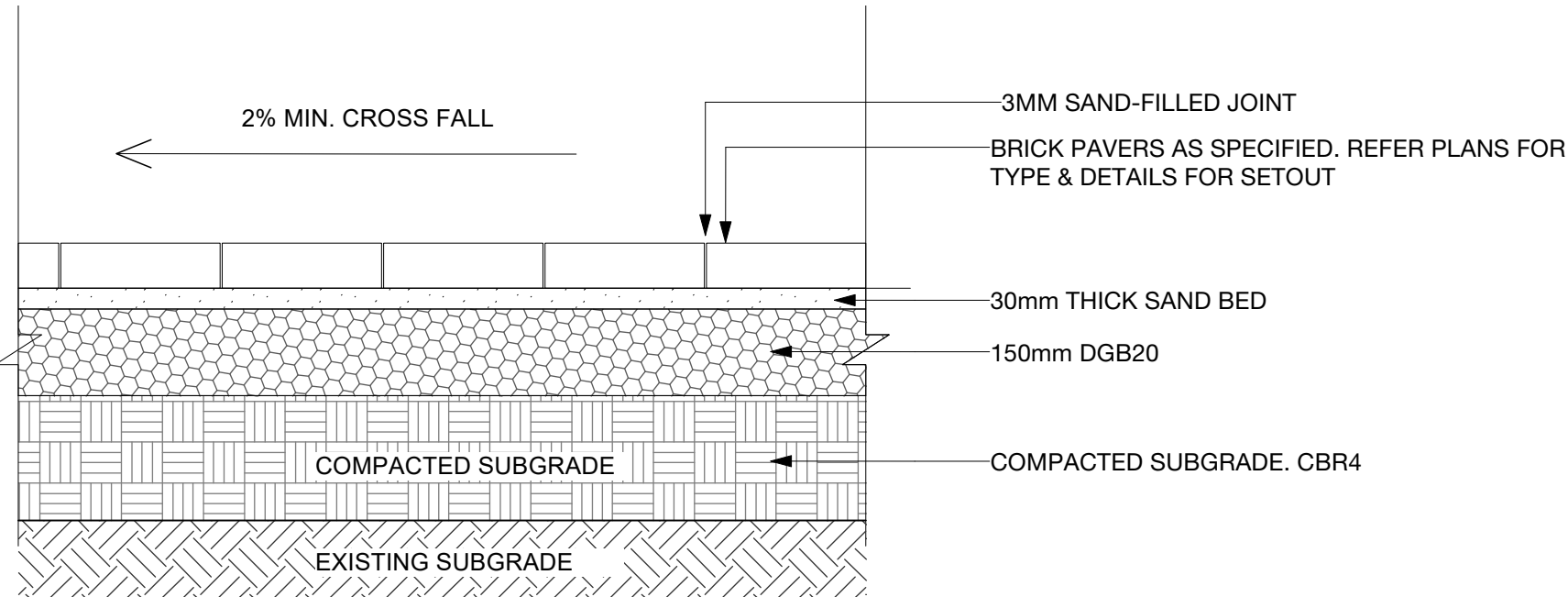
PROJECT

River Street Community Precinct
Maclean

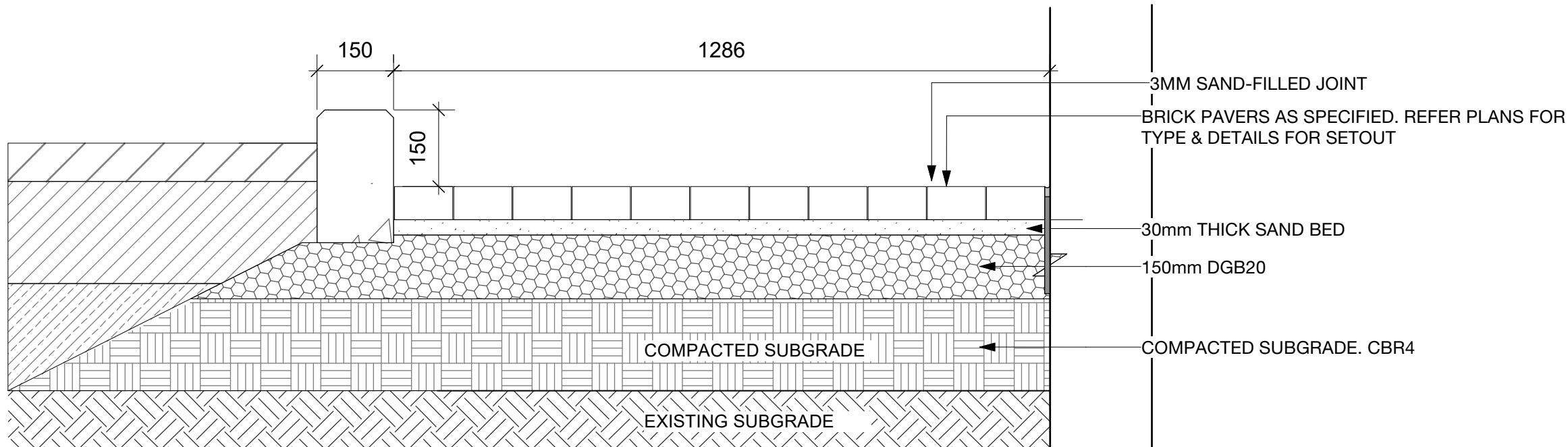
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Landscape Plan-section

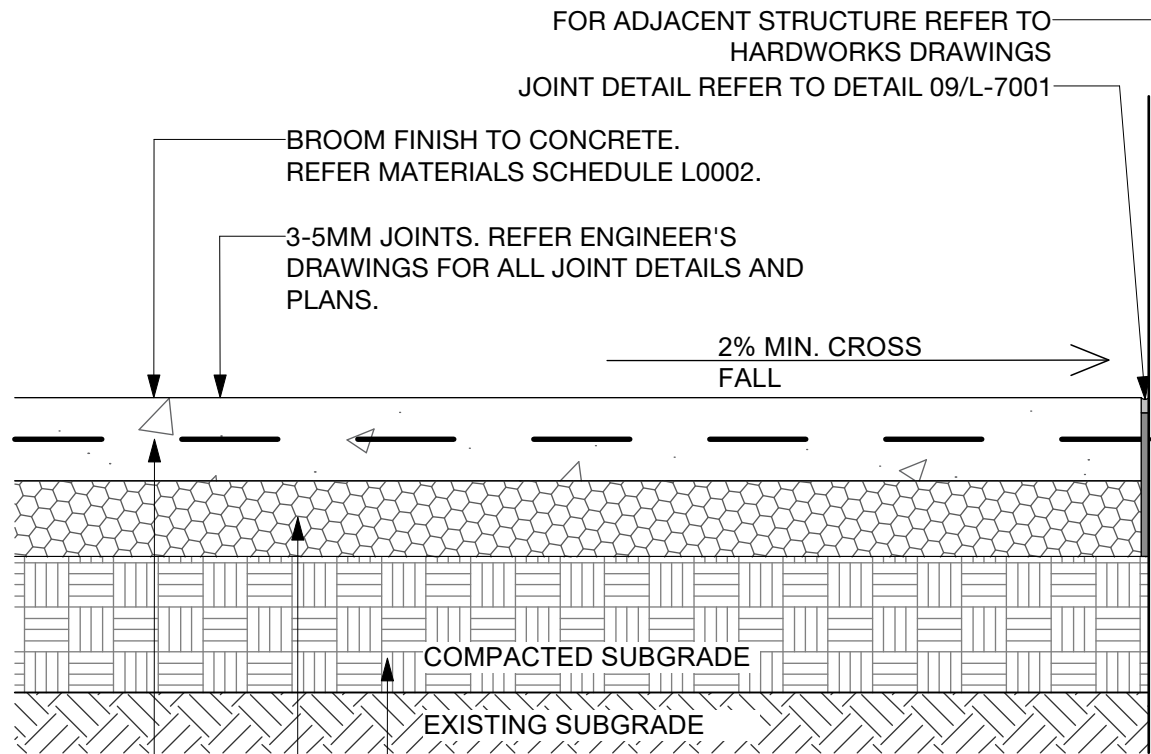
CREATED	DATE	CHECKED	PROJECT STAGE	SHEET SIZE
	26/04/2023	DM	Detailed Design	ISO A1
PROJECT NUMBER	DRAWING NUMBER	ISSUE		
2202	L_203	B		



1 Brick unit paver detail
Scale: 1:10

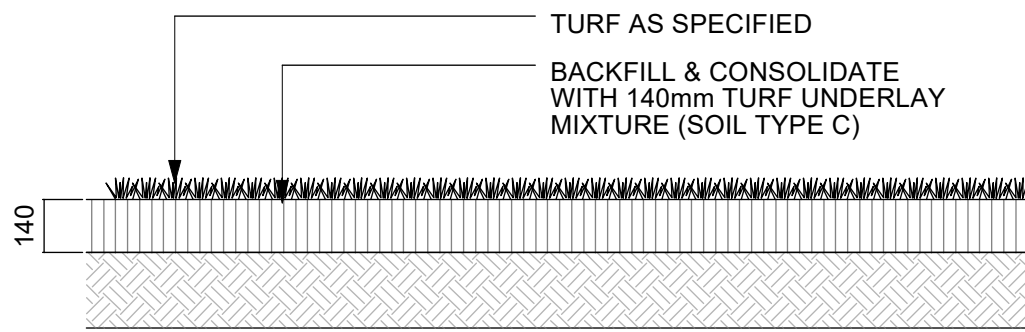


2 Entry path with hob edge adjacent to new building
Scale: 1:10

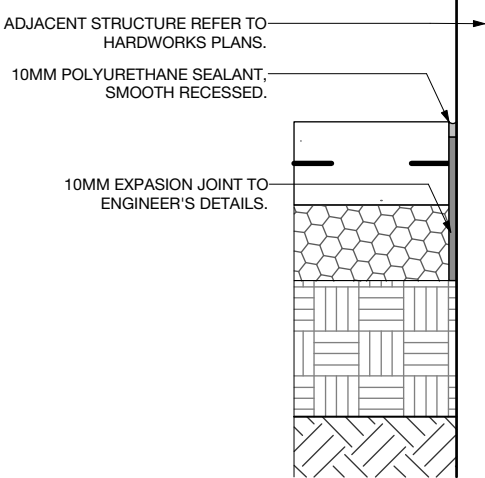


7 Typical concrete path detail
Scale: 1:10

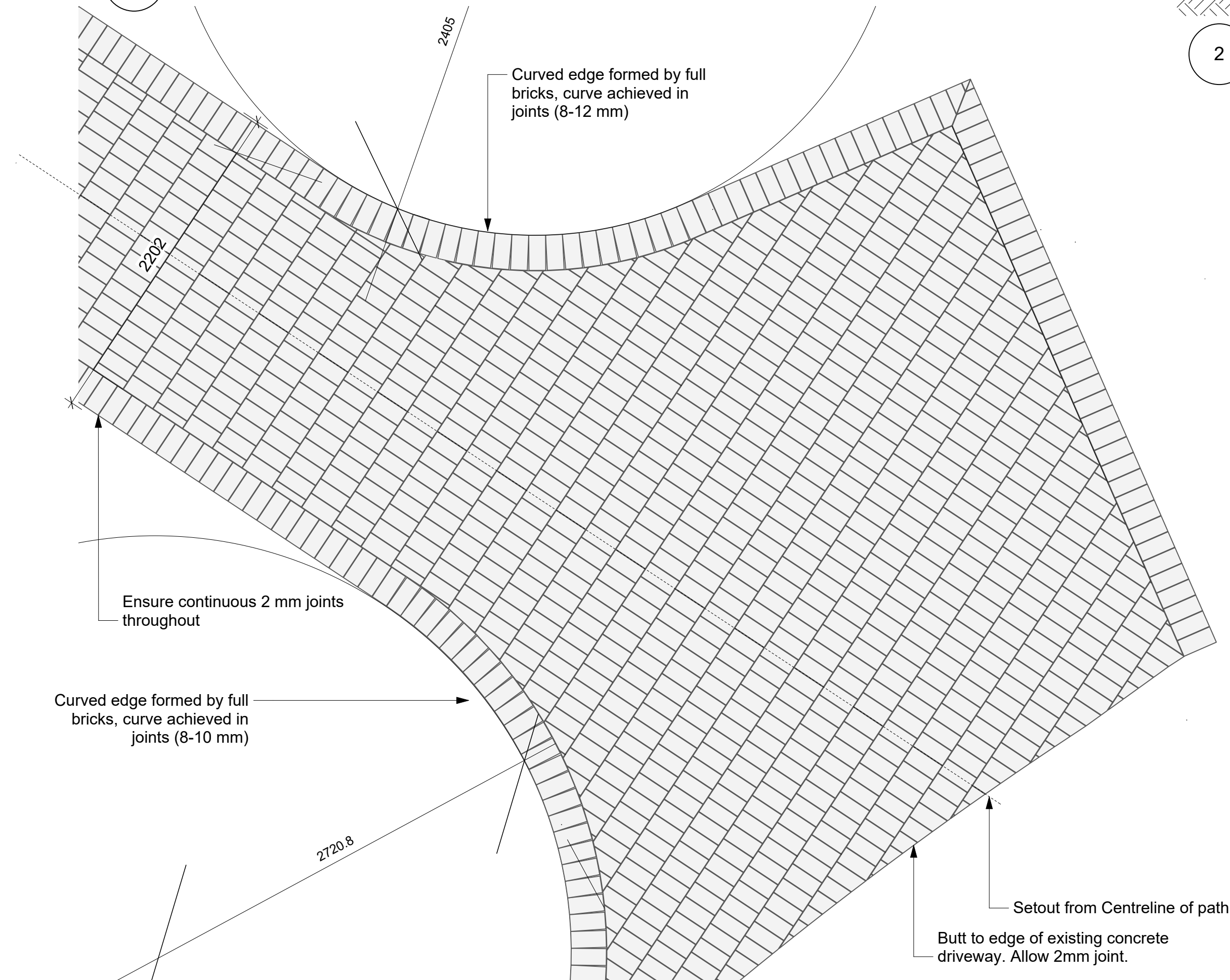
P1a



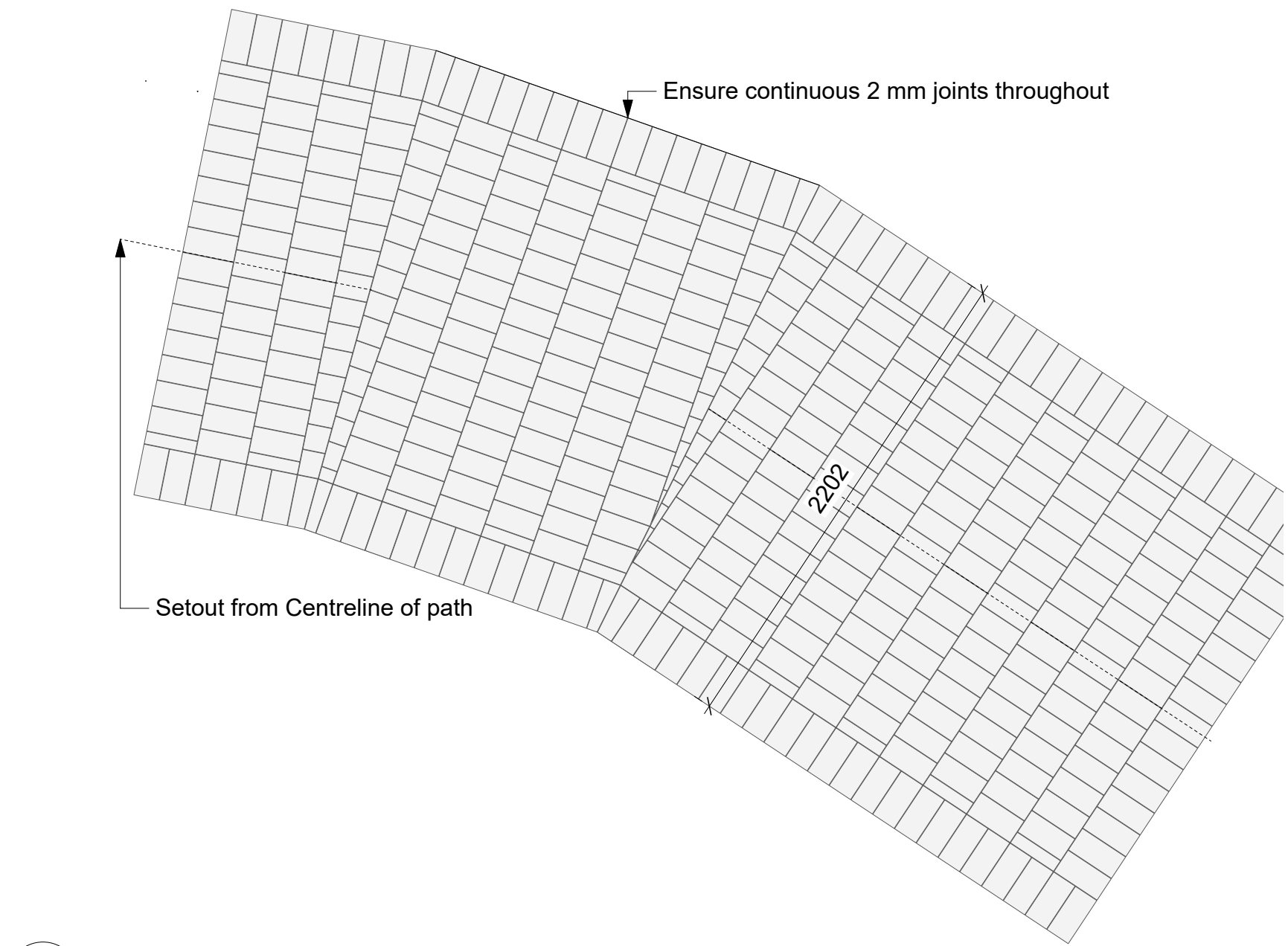
8 Turf Detail
Scale: 1:20



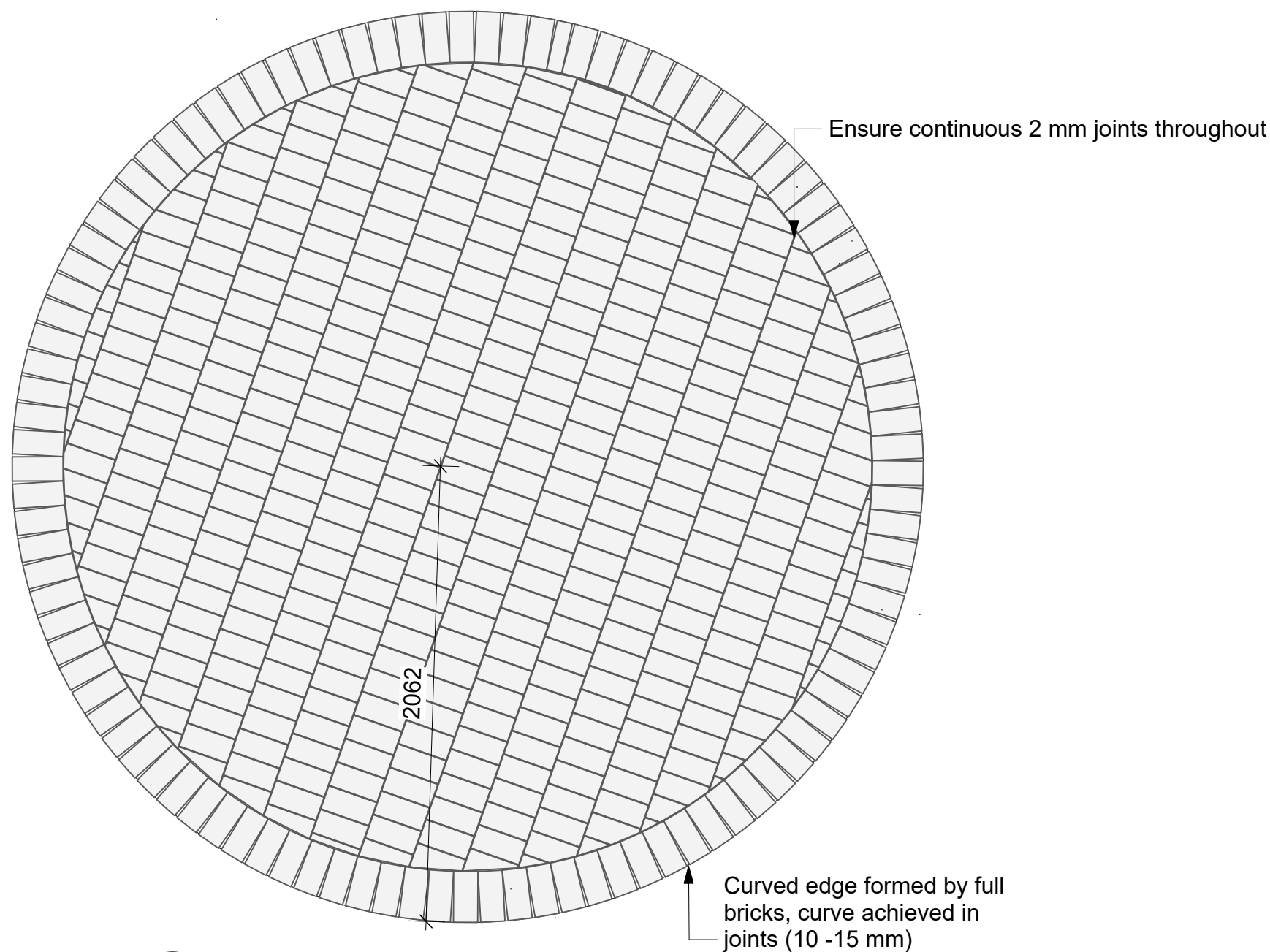
9 Joint detail
Scale: 1:10



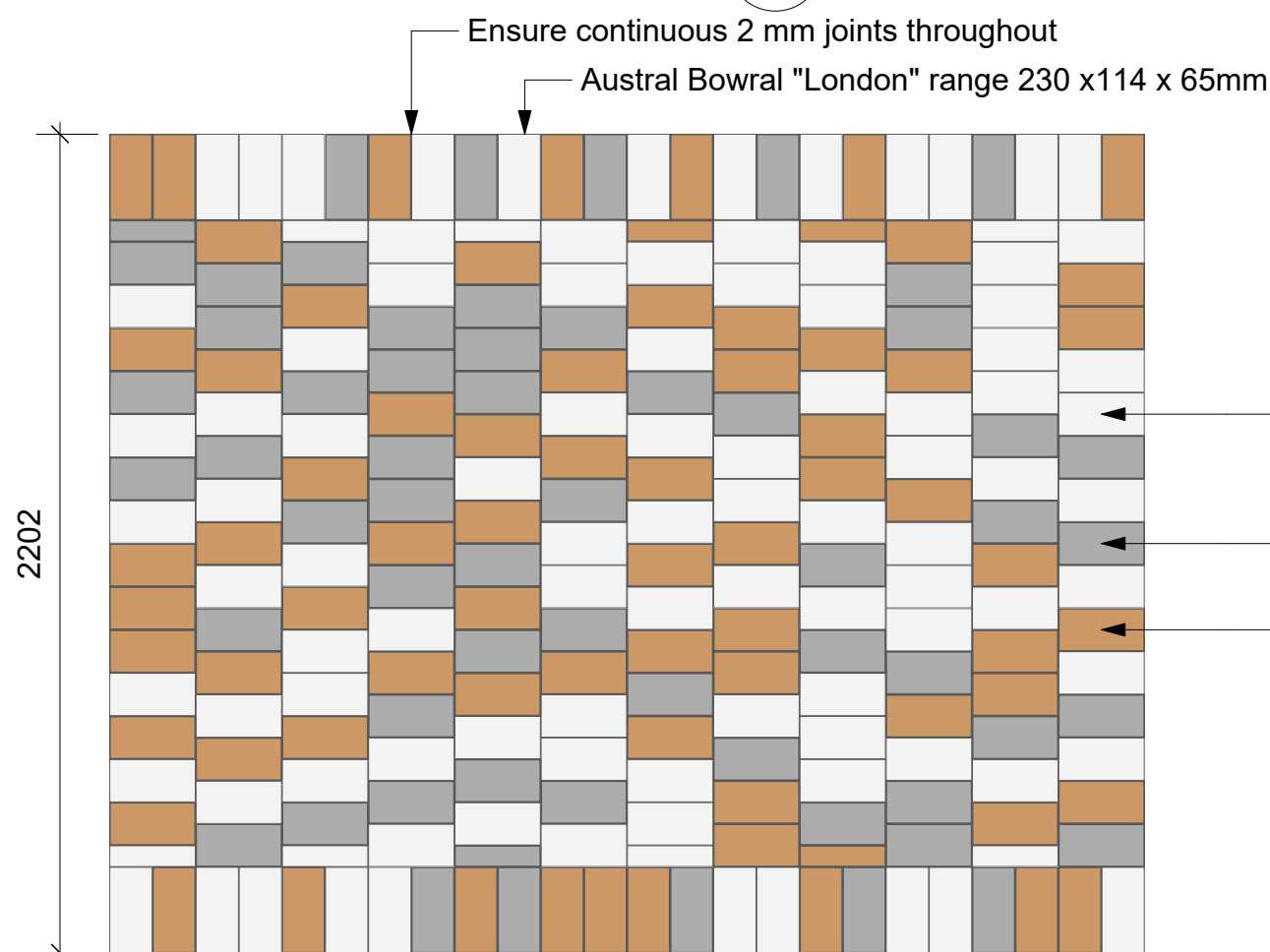
3 Brick paver staggered stack bond pattern (sample at main entrance off River Street)
Scale: 1:25



4 Brick paver staggered stack bond pattern (Sample at top of ampitheatre stairs)
Scale: 1:25



6 Brick paver staggered stack bond pattern (sample at Yarning circle/stage)
Scale: 1:25

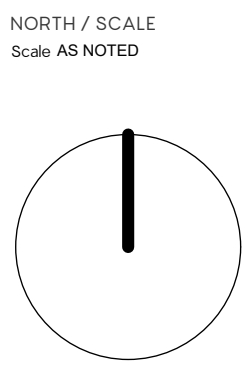


5 Paver colour blend
Scale: 1:20

Clay brick pavers are to be supplied in the following colour mix of Austral Bowral colours or equivalent:
Chestnut 40%: Brahman Granite 30%: Maple 30%
Colours shown are indicative only and do not reflect actual colours, only proportion. Bricks are to be blended (mixed among themselves) during laying. Select units from down and across three to six open packs to ensure an even colour distribution across the surface.

NOT FOR CONSTRUCTION

ISSUE	DESCRIPTION	BY	APP'D	DATE
A	DA		DM	20/02/2023
B	DA Update		DM	26/04/2023



PROJECT TEAM

nimbus
architecture + heritage

LANDSCAPE ARCHITECT / URBAN DESIGNERS

THIRTY-THREE°
PARALLEL
lon: 151.271417 lat: -33.890167

33 PARALLEL

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Bondi Beach Sydney
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Darren Mansfield
AILA Registered Landscape Architect

CLIENT NAME

Nimbus Architects for Clarence Valley Council

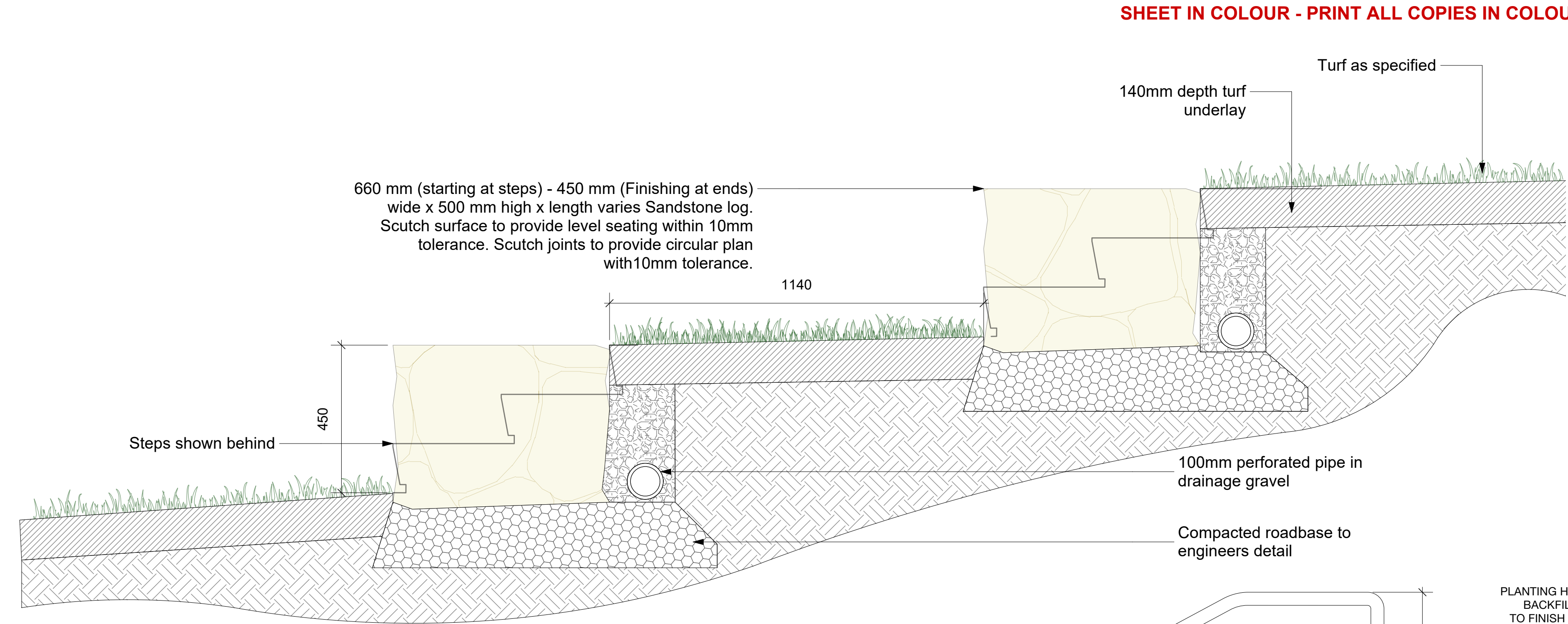
PROJECT

River Street Community Precinct
Maclean

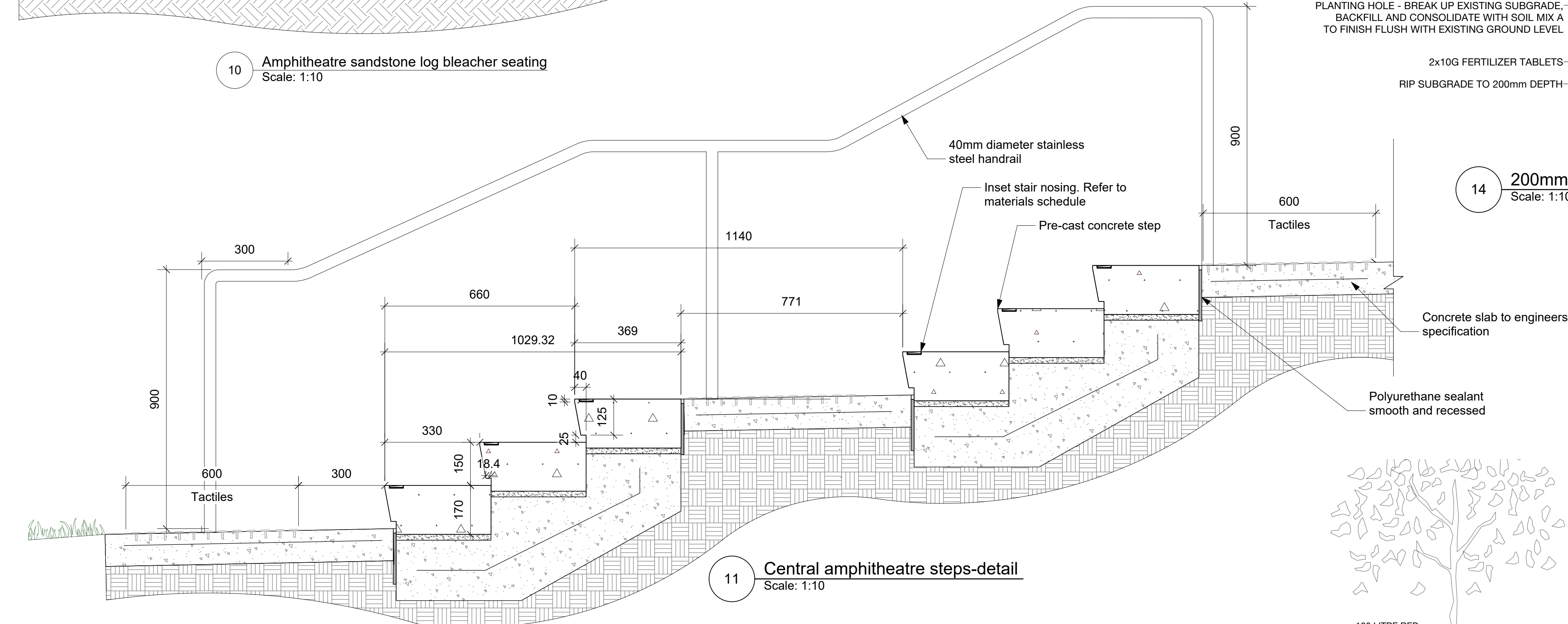
DRAWING TITLE

Landscape details 1

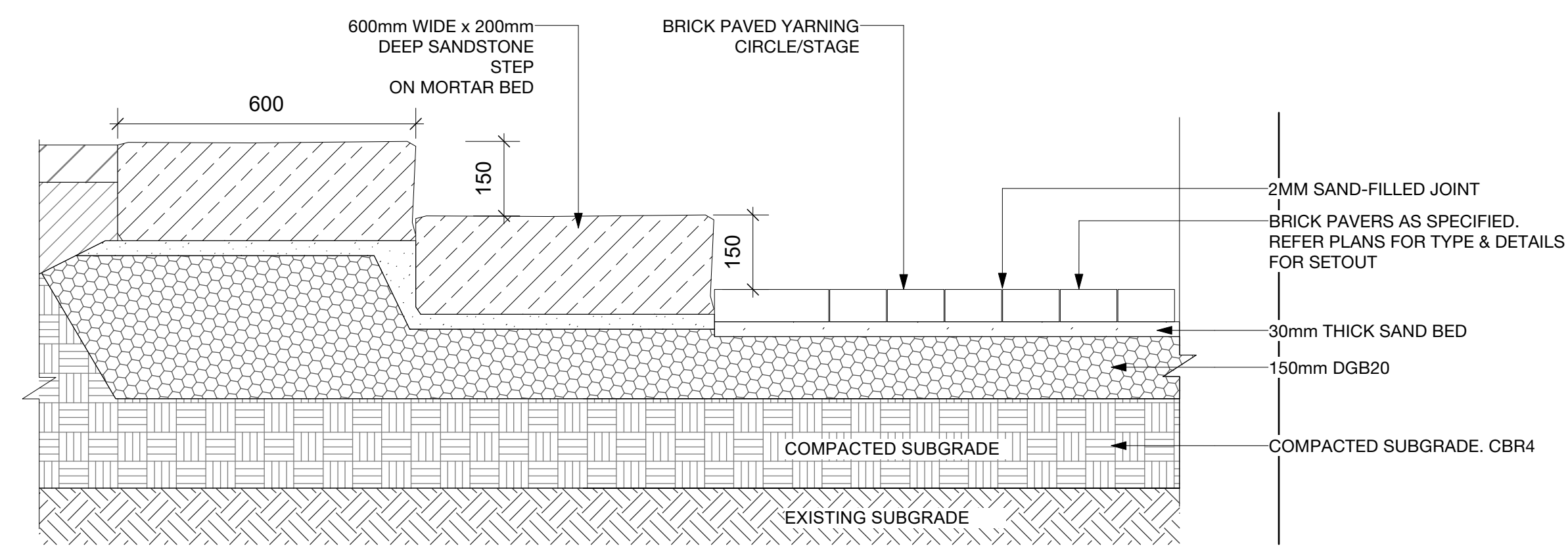
CREATED	DATE	CHECKED	PROJECT STAGE	SHEET SIZE
26/04/2023	DM	Detailed Design		ISO A1
PROJECT NUMBER	DRAWING NUMBER	ISSUE		
2202	L_8001	B		



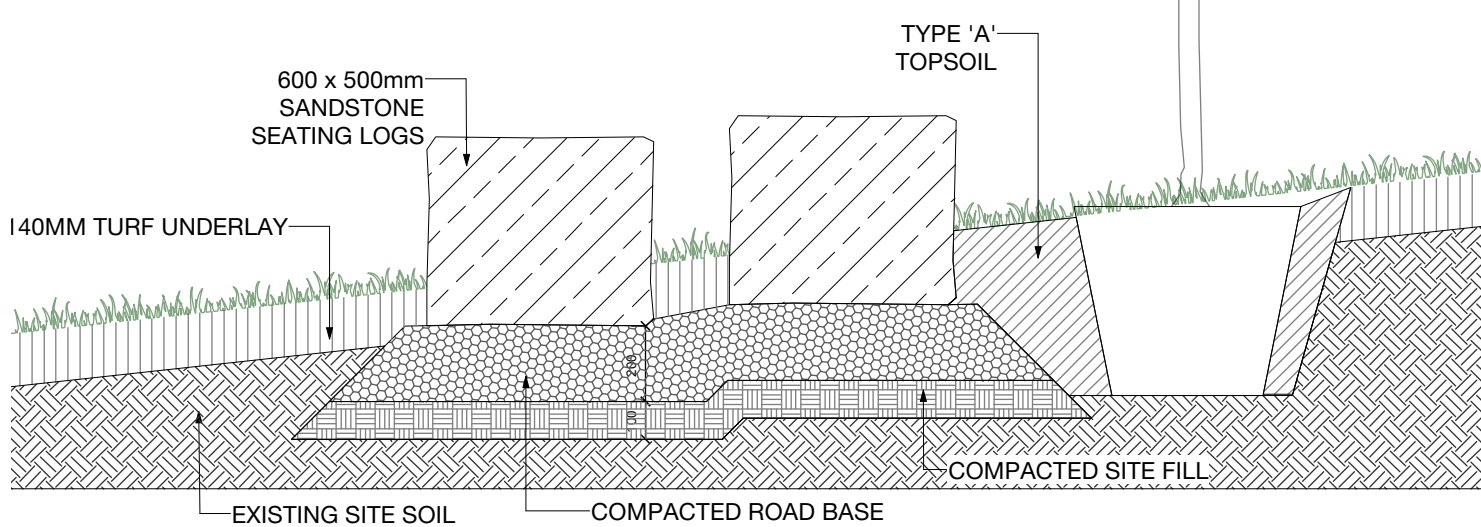
10 Amphitheatre sandstone log bleacher seating
Scale: 1:10



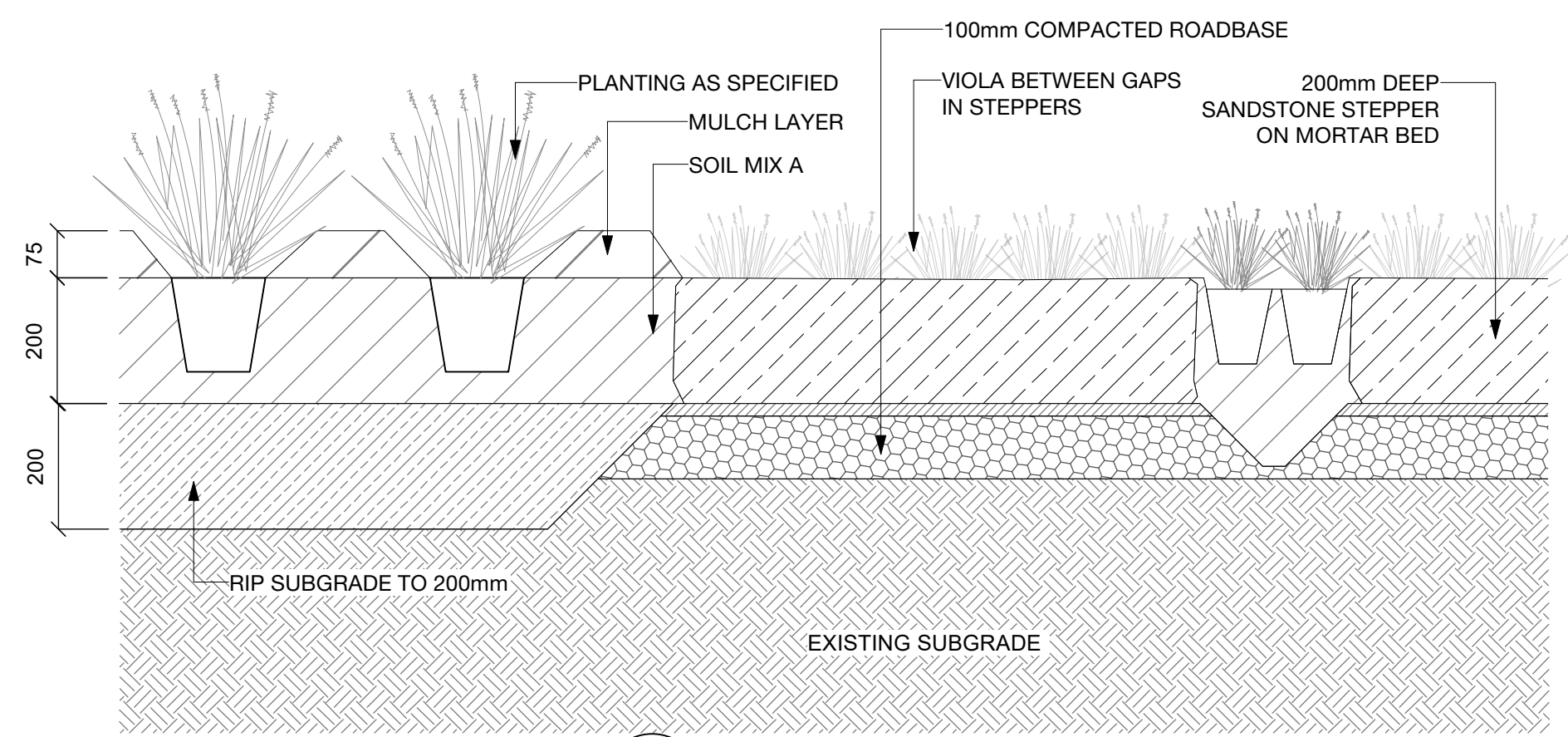
11 Central amphitheatre steps-detail
Scale: 1:10



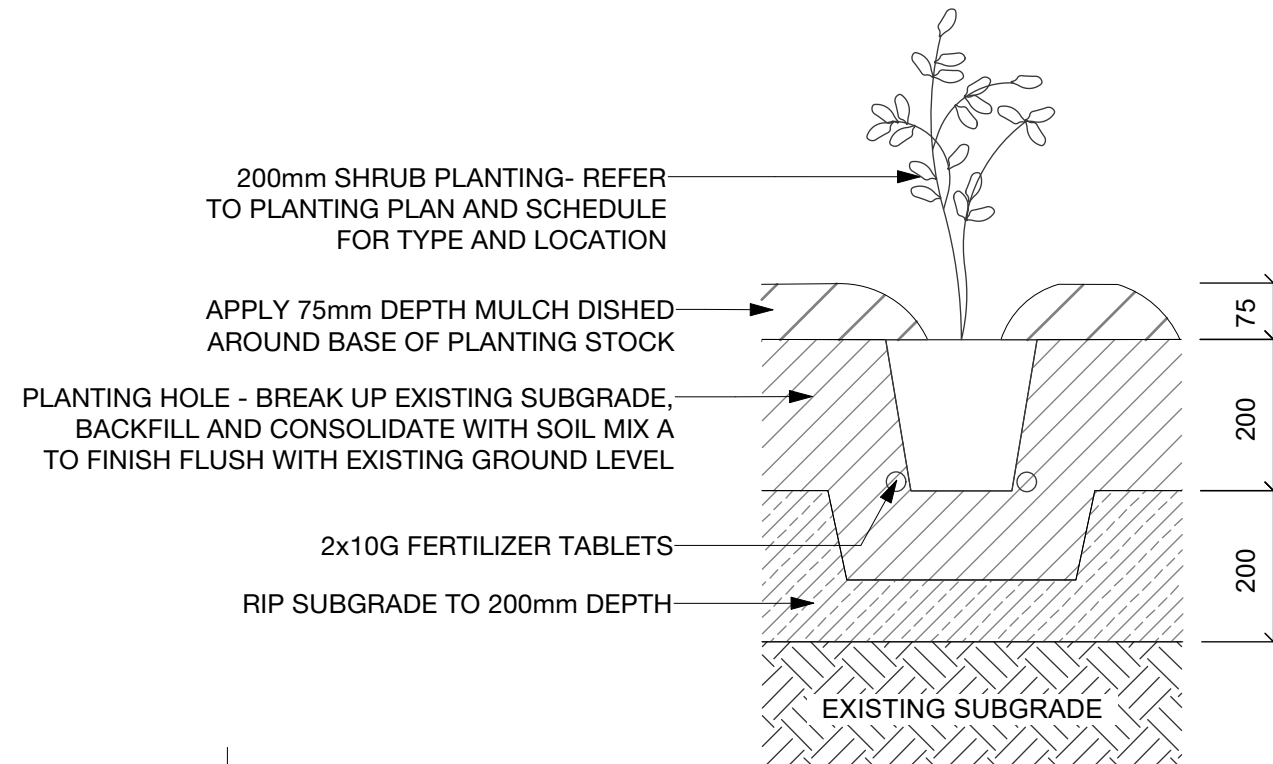
12 Yarning circle / stage paving and steps
Scale: 1:10



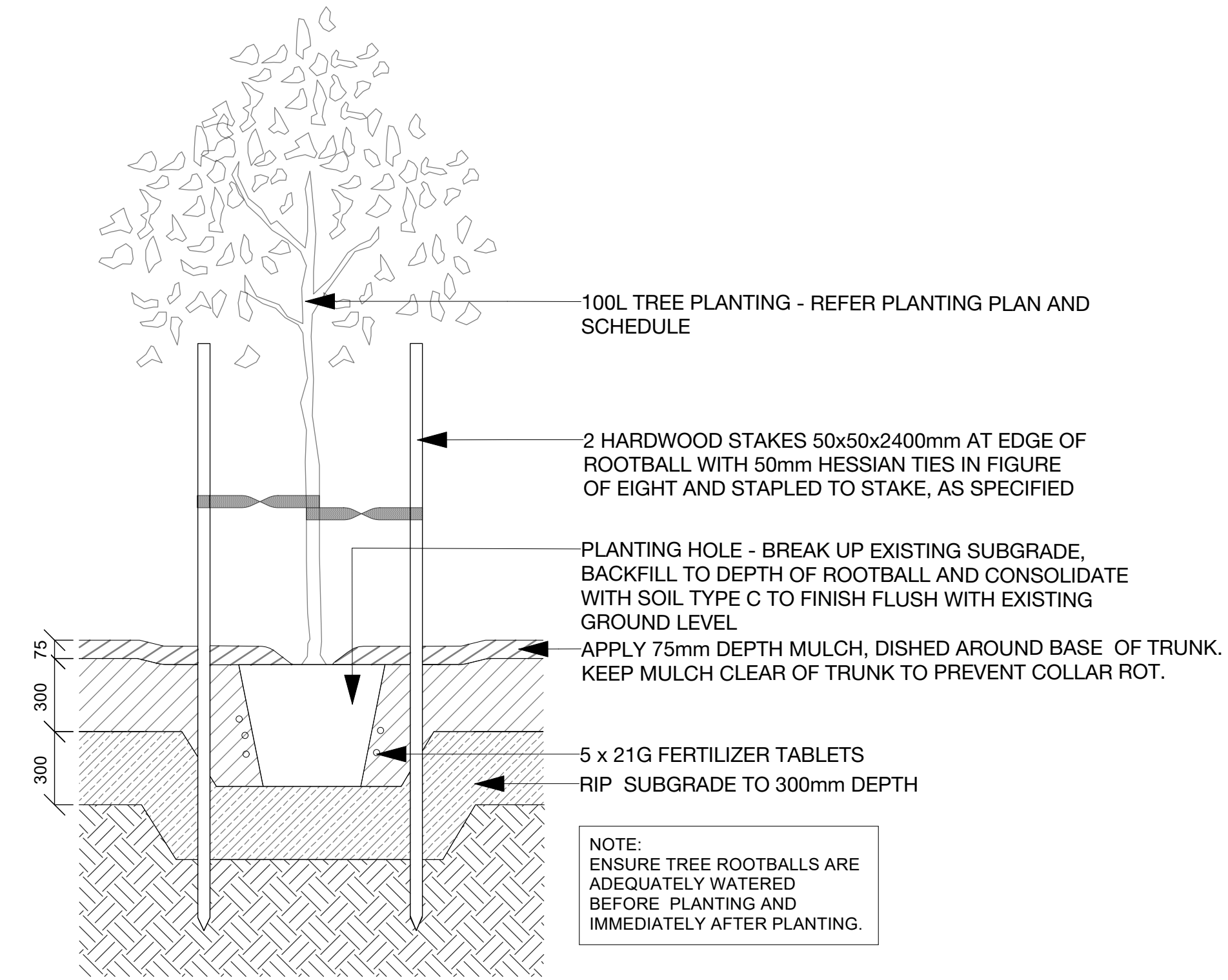
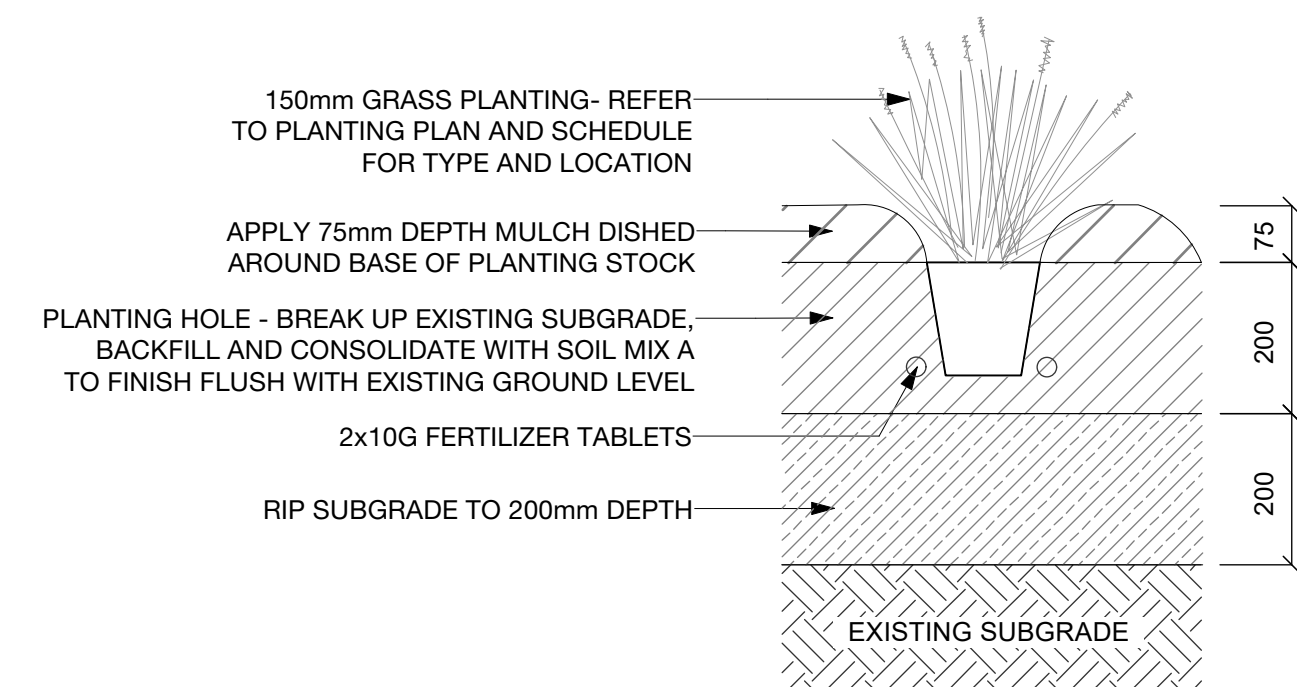
15 Sandstone seating logs under Red Cedar shade tree
Scale: 1:20



13 Sandstone stepping stone detail
Scale: 1:10



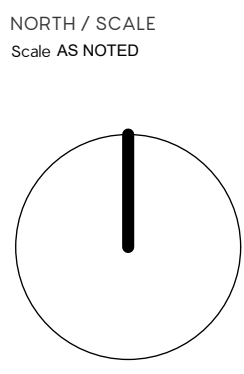
14 200mm and 150mm shrub planting detail
Scale: 1:10



16 100 Litre tree planting detail
Scale: 1:20

NOT FOR CONSTRUCTION

ISSUE	DESCRIPTION	BY	APP'D	DATE
A	DA		DM	20/02/2023
B	DA Update		DM	26/04/2023



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CLIENT NAME

Nimbus Architects for Clarence Valley Council

PROJECT

River Street Community Precinct Maclean

DRAWING TITLE				
Landscape details 2				
CREATED	DATE	CHECKED	PROJECT STAGE	SHEET SIZE
26/04/2023	DM	Detailed Design		ISO A1
PROJECT NUMBER	DRAWING NUMBER	ISSUE		
2202	L_8002	B		