

Bradfield City Centre - Moore Gully Riparian

Review of Environmental Factors

Drawing Number	Drawing Name
REF-LA000	Cover Sheet and Drawing Register
REF-LA100	Site Plan
REF-LA101	Detailed Plan 1
REF-LA102	Detailed Plan 2
REF-LA103	Detailed Plan 3
REF-LA104	Detailed Plan 4
REF-LA105	Detailed Plan 5
REF-LA106	Detailed Plan 6
REF-LA200	Planting Approach 1
REF-LA201	Planting Approach 2
REF-LA202	Planting Schedules
REF-LA203	Detailed Planting Plan 1
REF-LA204	Detailed Planting Plan 2
REF-LA205	Detailed Planting Plan 3
REF-LA206	Detailed Planting Plan 4
REF-LA207	Detailed Planting Plan 5
REF-LA208	Detailed Planting Plan 6
REF-LA300	Site Sections 1
REF-LA301	Site Sections 2
REF-LA400	Eastern Boardwalk
REF-LA401	Western Boardwalk
REF-LA403	Wayfinding Pavilion

Cover Sheet and Drawing Register

Bradfield Moore Gully Riparian
REVIEW OF ENVIRONMENTAL FACTORS

CLIENT: WPCA
JOB NO: 20-083s
CHECKED: AL
DRAWN BY: MR
DESIGNED BY: DMITAL

DRAWING: REF-LA000
REV: B
REV: REF ISSUE
DATE: 20.04.2024

TaylorBrammer
TAYLOR BRAMMER LANDSCAPE ARCHITECTS PTY LTD
SYDNEY STUDIO
218 OXFORD STREET
WOOLLAHRA NSW 2025
T: +61 2 9387 8855
F: +61 2 9387 8155
E: SYDNEY@TAYLORBRAMMER.COM.AU

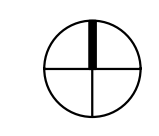


- ### Design Notes
- 1 Proposed vegetated wetlands and associated stormwater infrastructure to Civil detail
 - 2 Proposed shared path crossing with lookouts, wayfinding pavilion and wetland connection points
 - 3 Proposed pedestrian crossing with lookouts, wayfinding markers and wetland connection points
 - 4 Proposed access path and nature walk with rest stops, seating, lighting and interpretive signage
 - 5 Proposed wayfinding pavilions
 - 6 Existing vegetation to be retained
 - 7 Moore Gully re-aligned and revegetated

Site Plan

Bradfield Moore Gully Riparian

REVIEW OF ENVIRONMENTAL FACTORS



LEGEND:

Project scope boundary	Proposed pedestrian and cycle bridge	Proposed timber bridge and decks	Proposed creek channel planting	Proposed basin planting	Future building and associated public domain by others	Vegetated Riparian Zone (VPZ)	Proposed lighting by electrical engineer
Existing vegetation area retained and protected	Proposed pedestrian and maintenance vehicle access path	Proposed wayfinding pavilions	Proposed creek bank planting	Proposed open grassland planting	Existing tree retained	Top of Bank (TOB)	

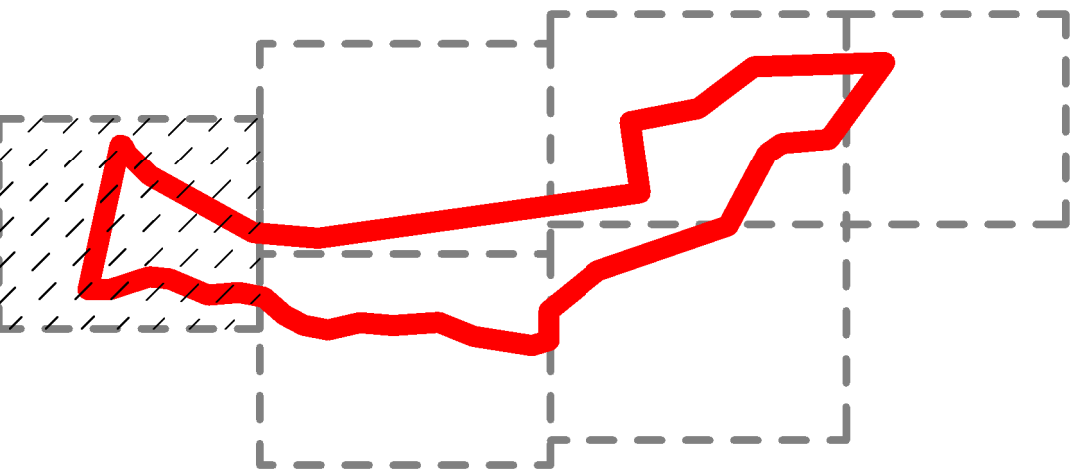
CLIENT: WPCA	REV: REF-LA100 F	 TAYLOR BRAMMER LANDSCAPE ARCHITECTS PTY LTD SYDNEY STUDIO 218 OXFORD STREET WOOLLAHRA NSW 2025 T: +61 2 9387 8855 F: +61 2 9387 8155 E: SYDNEY@TAYLORBRAMMER.COM.AU
JOB NO: 20-063s	DATE: 22.11.2024	
CHECKED: AL		
DRAWN BY: MR		

DESIGNED BY: DMITAL

Copyright of Taylor Brammer Landscape Architects Pty Ltd AEN 61 098 724 988

Design Notes

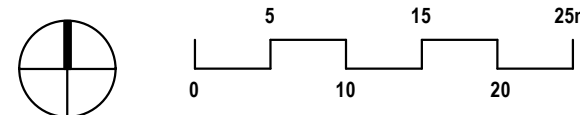
- 1 Proposed vegetated wetlands and associated stormwater infrastructure to Civil detail
- 2 Moore Gully realignment - revegetated
- 3 Proposed pedestrian crossing
- 4 Proposed access path and nature walk with rest stops, seating, lighting and interpretative signage
- 5 Proposed wayfinding pavilions



Key Plan

Detailed Plan 1

Bradfield Moore Gully Riparian
REVIEW OF ENVIRONMENTAL FACTORS



LEGEND:

- Project scope boundary
- Existing vegetation area retained and protected
- Proposed pedestrian and cycle bridge
- Proposed pedestrian and maintenance vehicle access path
- Proposed timber bridge and decks
- Proposed wayfinding pavilions
- Proposed creek channel planting
- Proposed creek bank planting
- Proposed basin planting
- Proposed open grassland planting
- Future building and associated public domain by others
- Existing tree retained
- Vegetated Riparian Zone (VPZ)
- Top of Bank (TOB)
- Proposed lighting by electrical engineer

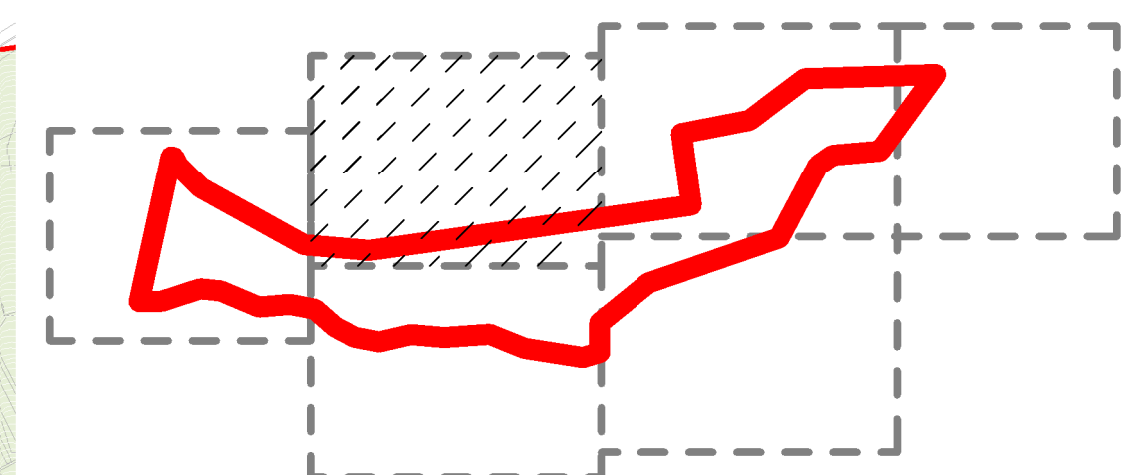
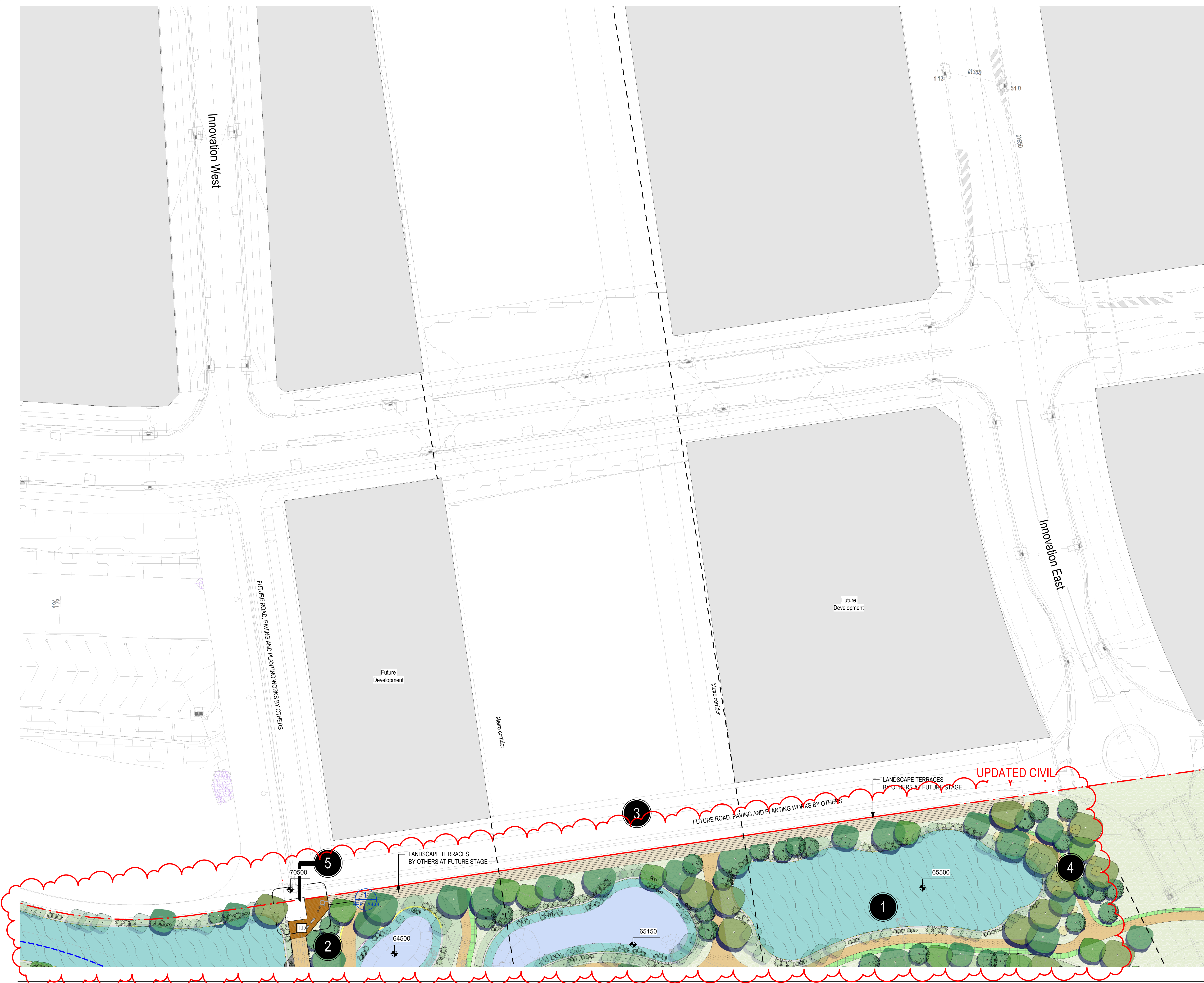
CLIENT: WPCA
JOB NO: 20-063s
CHECKED: AL
DRAWN BY: MR
DESIGNED BY: DMIAL

DRAWING: REF-LA101
REV: UPDATE REF ISSUE
REV: F
DATE: 22.11.2024

TaylorBrammer
TAYLOR BRAMMER LANDSCAPE ARCHITECTS PTY LTD
SYDNEY STUDIO
218 OXFORD STREET
WOOLLAHRA NSW 2025
T: +61 2 9387 8855
F: +61 2 9387 8155
E: SYDNEY@TAYLORBRAMMER.COM.AU
Copyright of Taylor Brammer Landscape Architects Pty Ltd
AEN 61 098 724 988

Design Notes

- 1 Proposed vegetated wetlands and associated stormwater infrastructure to Civil detail
- 2 Proposed shared path crossing
- 3 Future shared road (not part of scope)
- 4 Proposed access path and nature walk with rest stops, seating, lighting and interpretive signage
- 5 Proposed lightweight pavilions

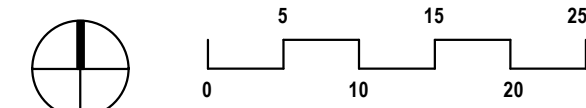


Key Plan

Detailed Plan 2

Bradfield Moore Gully Riparian

REVIEW OF ENVIRONMENTAL FACTORS



LEGEND:

	Project scope boundary		Proposed pedestrian and cycle bridge		Proposed timber bridge and decks		Proposed creek channel planting		Proposed basin planting		Future building and associated public domain by others		Vegetated Riparian Zone (VPZ)		Proposed lighting by electrical engineer
	Existing vegetation area retained and protected		Proposed pedestrian and maintenance vehicle access path		Proposed wayfinding pavilions		Proposed creek bank planting		Proposed open grassland planting		Existing tree retained		Top of Bank (TOB)		

CLIENT: WPCA
JOB NO: 20-063s
CHECKED: AL
DRAWN BY.: MR
DESIGNED BY: DMTIAL

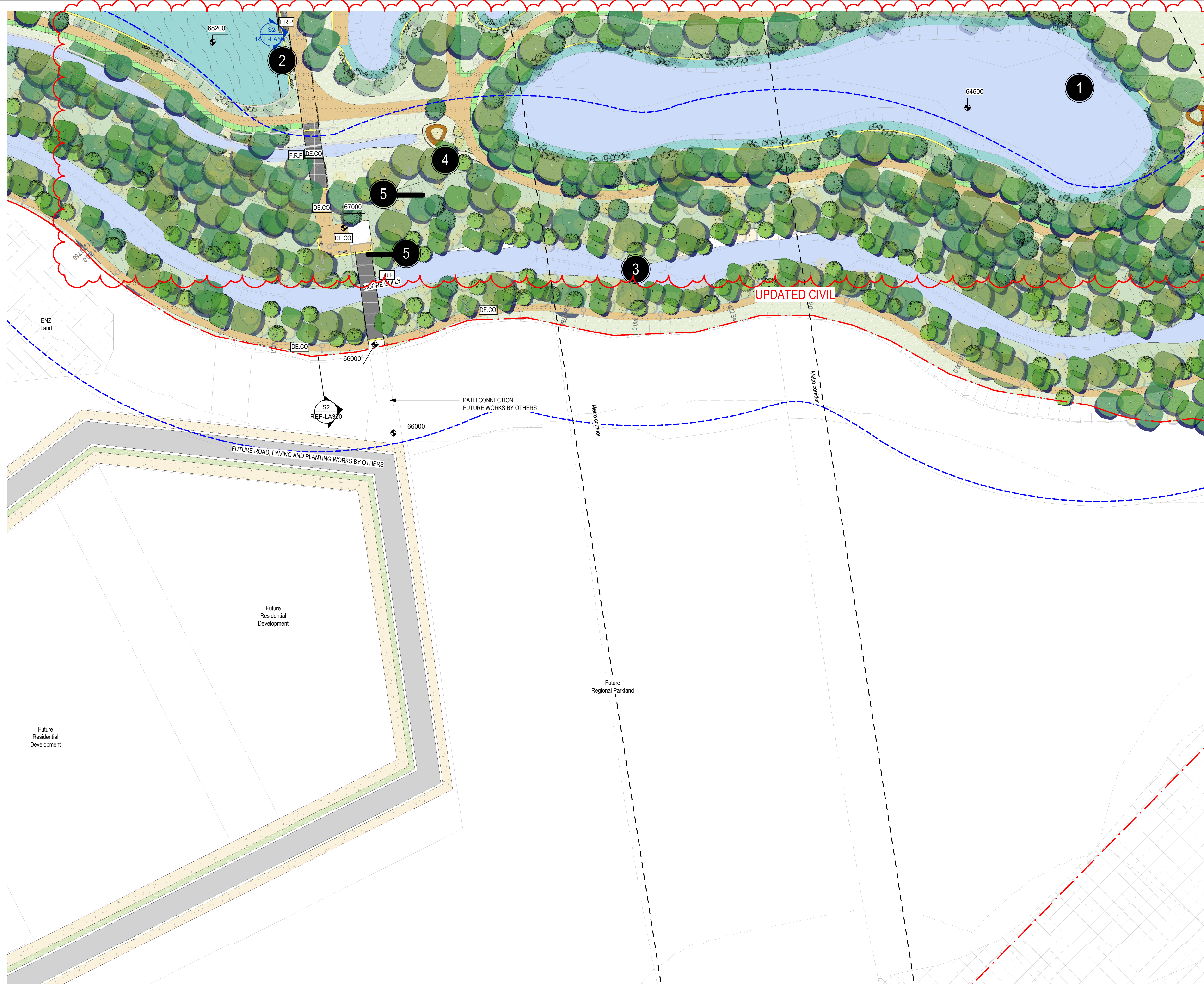
DRAWING: REF-LA102 REV: F
REV: UPDATE REF ISSUE DATE: 22.11.2024

TaylorBrammer
TAYLOR BRAMMER LANDSCAPE ARCHITECTS PTY LTD
SYDNEY STUDIO
218 OXFORD STREET
WOOLLAHRA NSW 2025
T: +61 2 9387 8865
F: +61 2 9387 8155

218 OXFORD STREET
WOOLLAHRA NSW 2025
T: +61 2 9387 8855
F: +61 2 9387 8155
E: SYDNEY@TAYLORBRAMMER.COM.AU

Design Notes

- 1 Proposed vegetated wetlands and associated stormwater infrastructure to Civil detail
- 2 Proposed shared path crossing
- 3 Proposed Moore gully re-alignment
- 4 Proposed access path and nature walk with rest stops, seating, lighting and interpretive signage
- 5 Proposed wayfinding pavilions

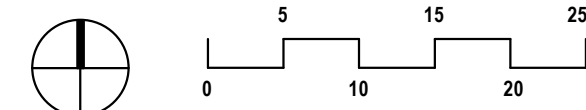


Key Plan

Detailed Plan 3

Bradfield Moore Gully Riparian

REVIEW OF ENVIRONMENTAL FACTORS



LEGEND:

-  Project scope boundary
  Proposed pedestrian and cycle bridge
  Proposed timber bridge and decks
  Proposed creek channel planting
  Proposed basin planting
  Future building and associated public domain by others
  Vegetated Riparian Zone (VPZ)
  Proposed lighting by electrical engineer
  Existing vegetation area retained and protected
  Proposed pedestrian and maintenance vehicle access path
  Proposed wayfinding pavilions
  Proposed creek bank planting
  Proposed open grassland planting
  Existing tree retained
  Top of Bank (TOB)

CLIENT: WPCA
JOB NO: 20-053s
CHECKED: AL
DRAWN BY.: MR
DESIGNED BY: DMT/AL

DRAWING: REF-LA103 F REV: 01.11.2024
REV: MINOR AMENDMENTS TO REF

TaylorBrammer

TAYLOR BRAMMER LANDSCAPE ARCHITECTS PTY LTD
SYDNEY STUDIO

218 OXFORD STREET
WOOLLAHRA NSW 2025

T: +61 2 9387 8855
F: +61 2 9387 8155
WWW.TAYLORBRAMMER.COM.AU

Copyright of Taylor & Francis Landscape Architects Pty Ltd ARN 61 098 724 988

1

Centre Loop South

1

3

VEHICLE AND PEDESTRIAN ACCESS
TO FUTURE WORKS
BY OTHERS

Detailed Plan 4

REVIEW OF ENVIRONMENTAL FACTORS



- CLIENT: WPCA
JOB NO: 20-053
CHECKED: AL
DRAWN BY: MR
DESIGNED BY: DMT/JA

TaylorBrammer

TAYLOR BRAMMER LANDSCAPE ARCHITECTS PTY LTD
SYDNEY STUDIO

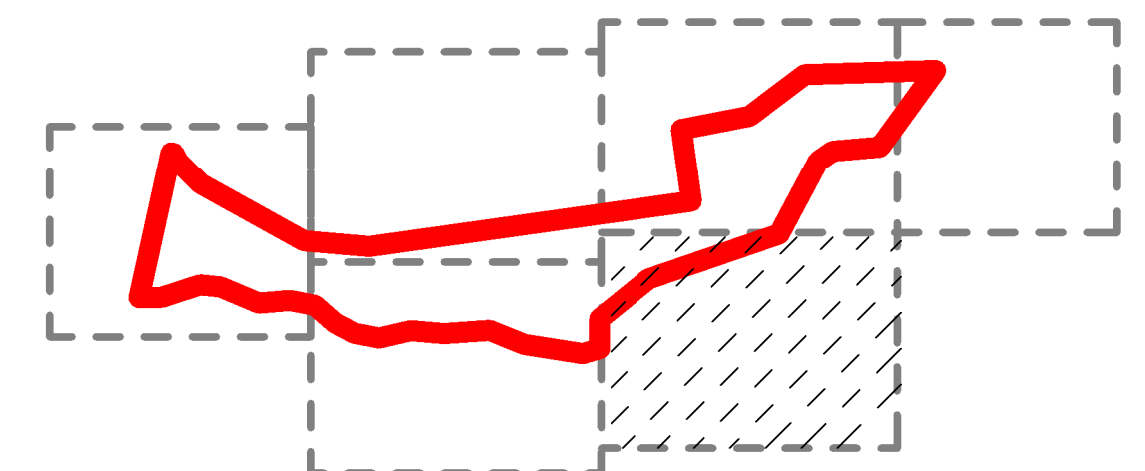
218 OXFORD STREET
WOOLLAHRA NSW 2025

T : +61 2 9387 8855
F: +61 2 9387 8155
E: SYDNEY@TAYLORBRAMMER.COM.AU

Copyright © Taylor Brammer Landscape Architects Pty Ltd

ABN 61 098 724 588

- 1 Proposed vegetated wetlands and associated stormwater infrastructure to Civil detail
- 2 Proposed access path and nature walk with rest stops, seating, lighting and interpretive signage



Detailed Plan 5

Detailed Plan 5

LEGEND:

F.R.

1

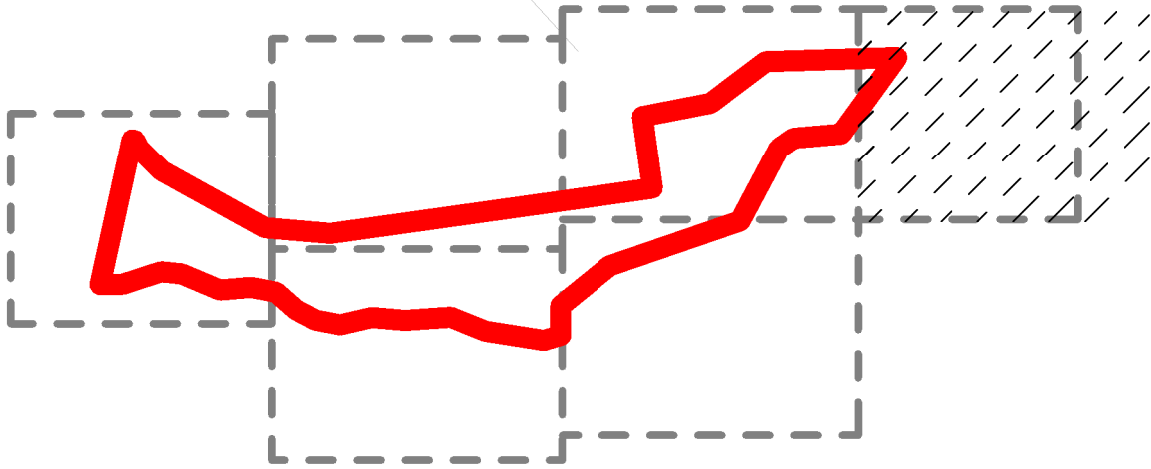
 Veg
0/D

 [Top](#)

 Proprietary icon

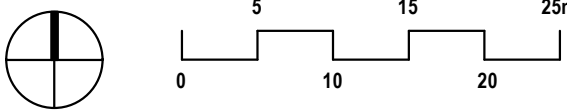
Copyright of Taylor Brammer Landscape Architects Pty Ltd ABN 61 098 724 988

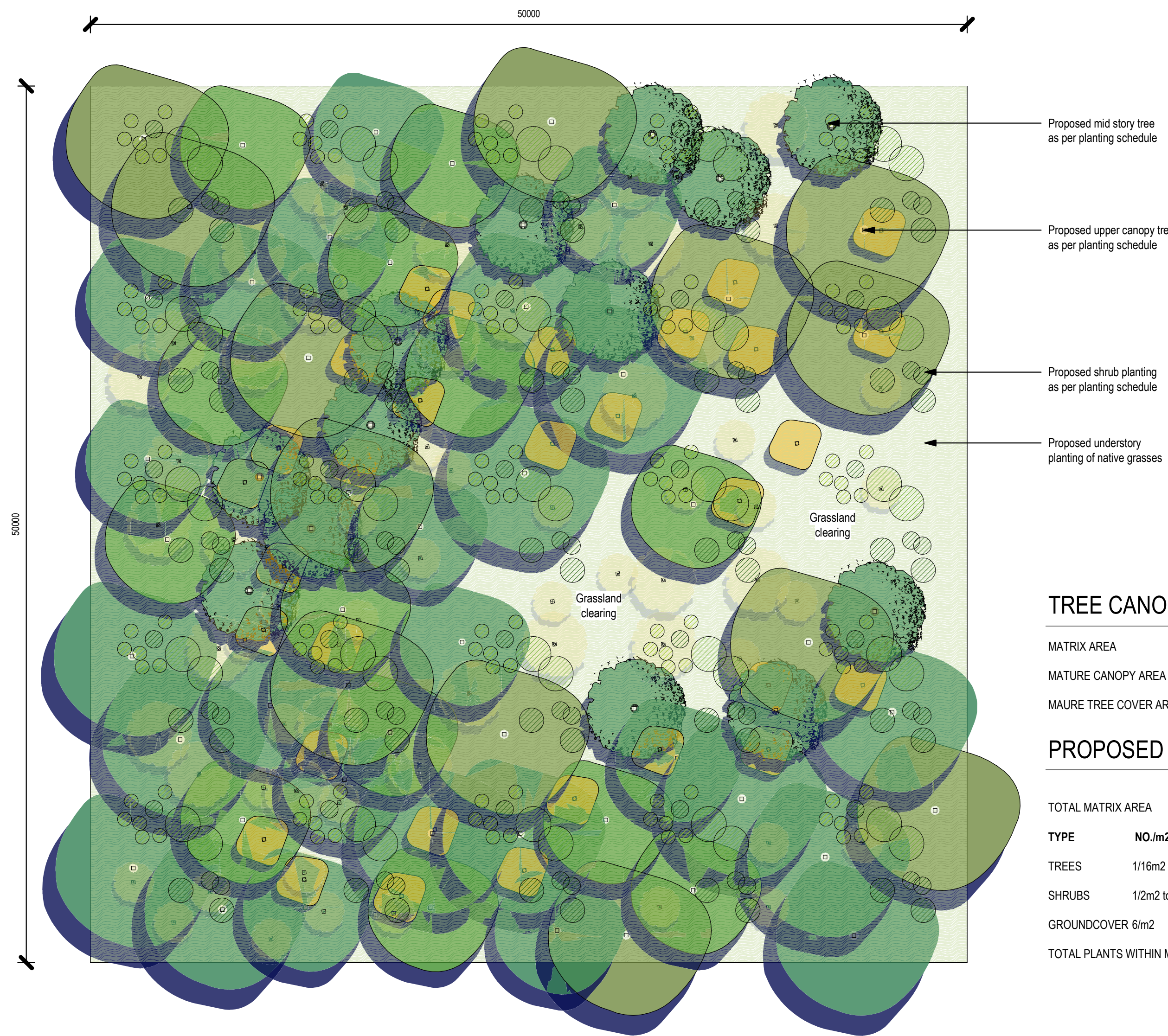
NO WORK TO THIS AREA



Key Plan

Detailed Plan 6



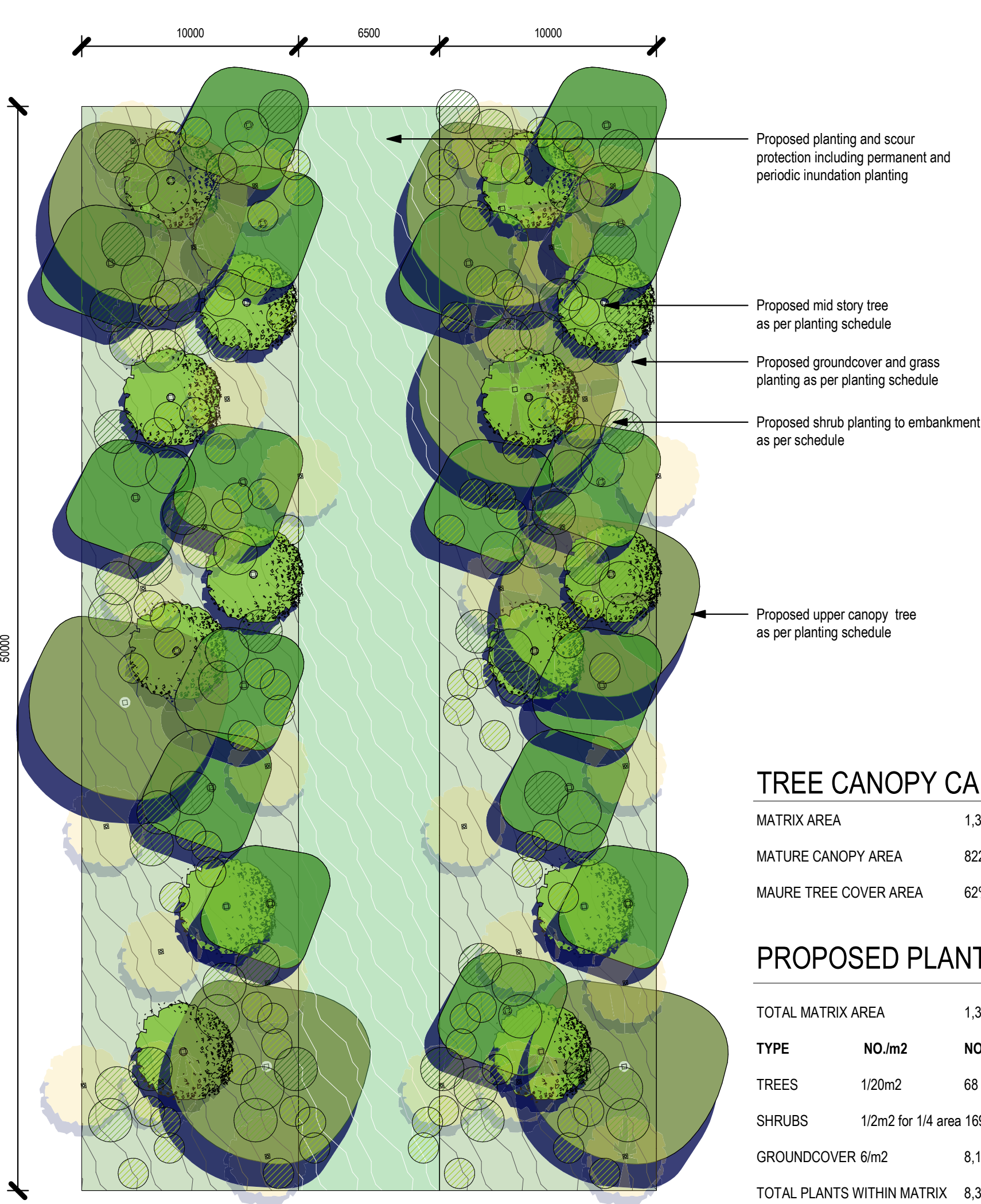


TREE CANOPY CALCULATIONS

MATRIX AREA	2,500m2
MATURE CANOPY AREA	2,091m2
MAURE TREE COVER AREA	83%

PROPOSED PLANTING DENSITY

TOTAL MATRIX AREA		2,500m2
TYPE	NO./m2	NO. WITHIN MATRIX
TREES	1/16m2	156
SHRUBS	1/2m2 to 1/4 area	313
GROUND COVER	6/m2	15,000
TOTAL PLANTS WITHIN MATRIX		15,937



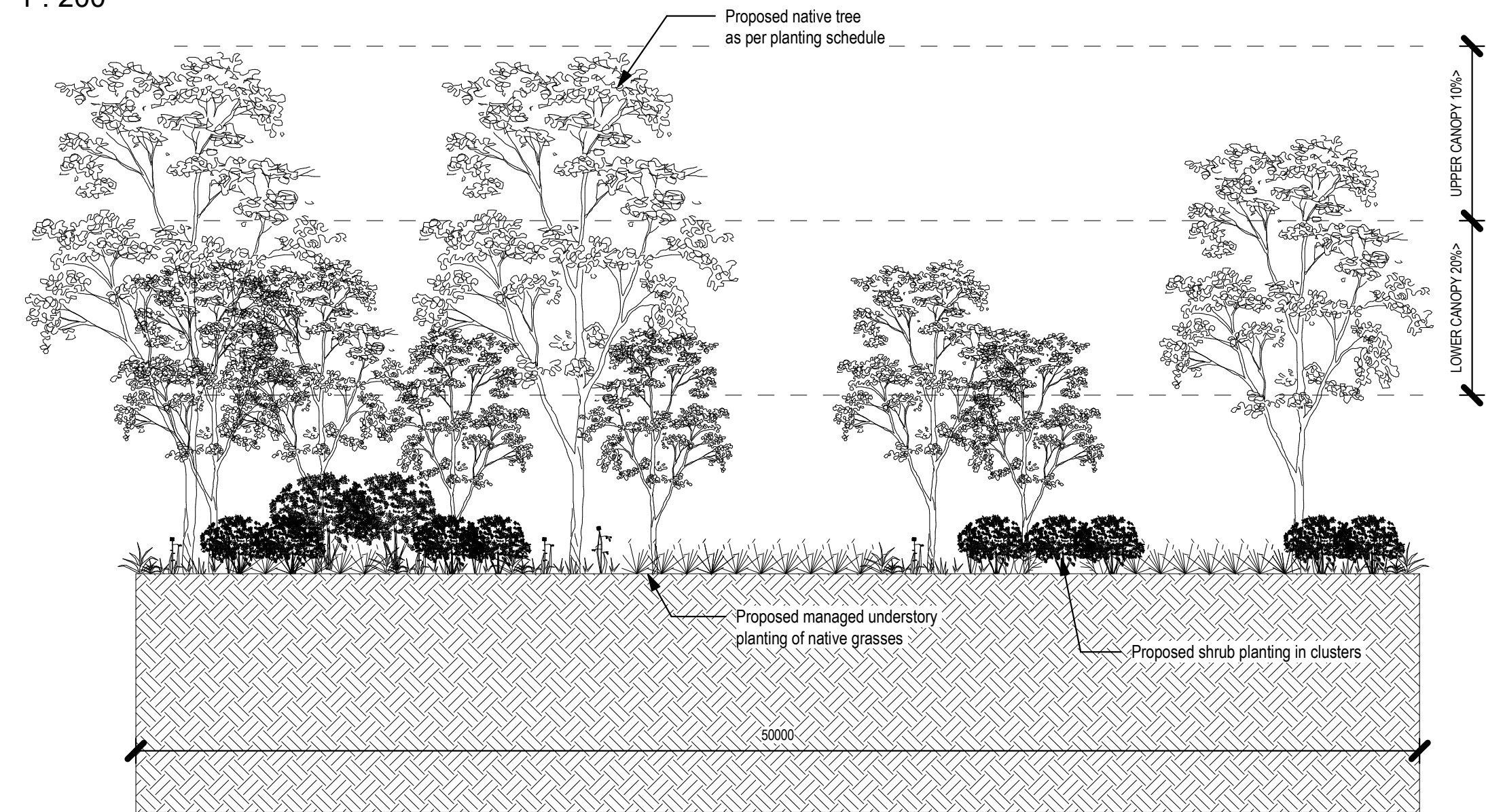
TREE CANOPY CALCULATIONS

MATRIX AREA	1,325m2
MATURE CANOPY AREA	822m2
MAURE TREE COVER AREA	62%

PROPOSED PLANTING DENSITY

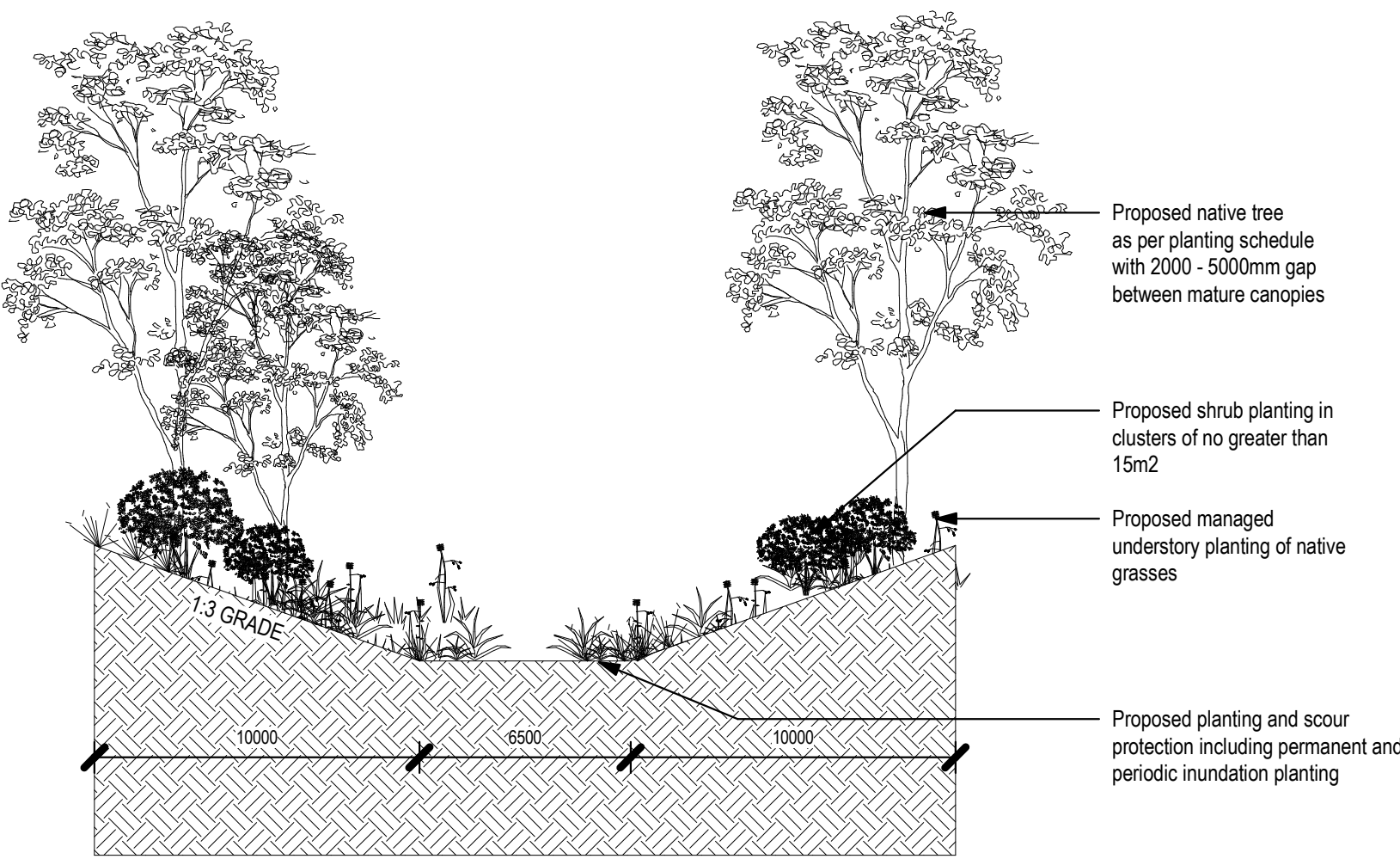
TOTAL MATRIX AREA		1,350m2
TYPE	NO./m2	NO. WITHIN MATRIX
TREES	1/20m2	68
SHRUBS	1/2m2 for 1/4 area	169
GROUND COVER	6/m2	8,100
TOTAL PLANTS WITHIN MATRIX		8,336

1 TYPICAL PLANTING - CUMBERLAND PLAINS WOODLAND
1 : 200



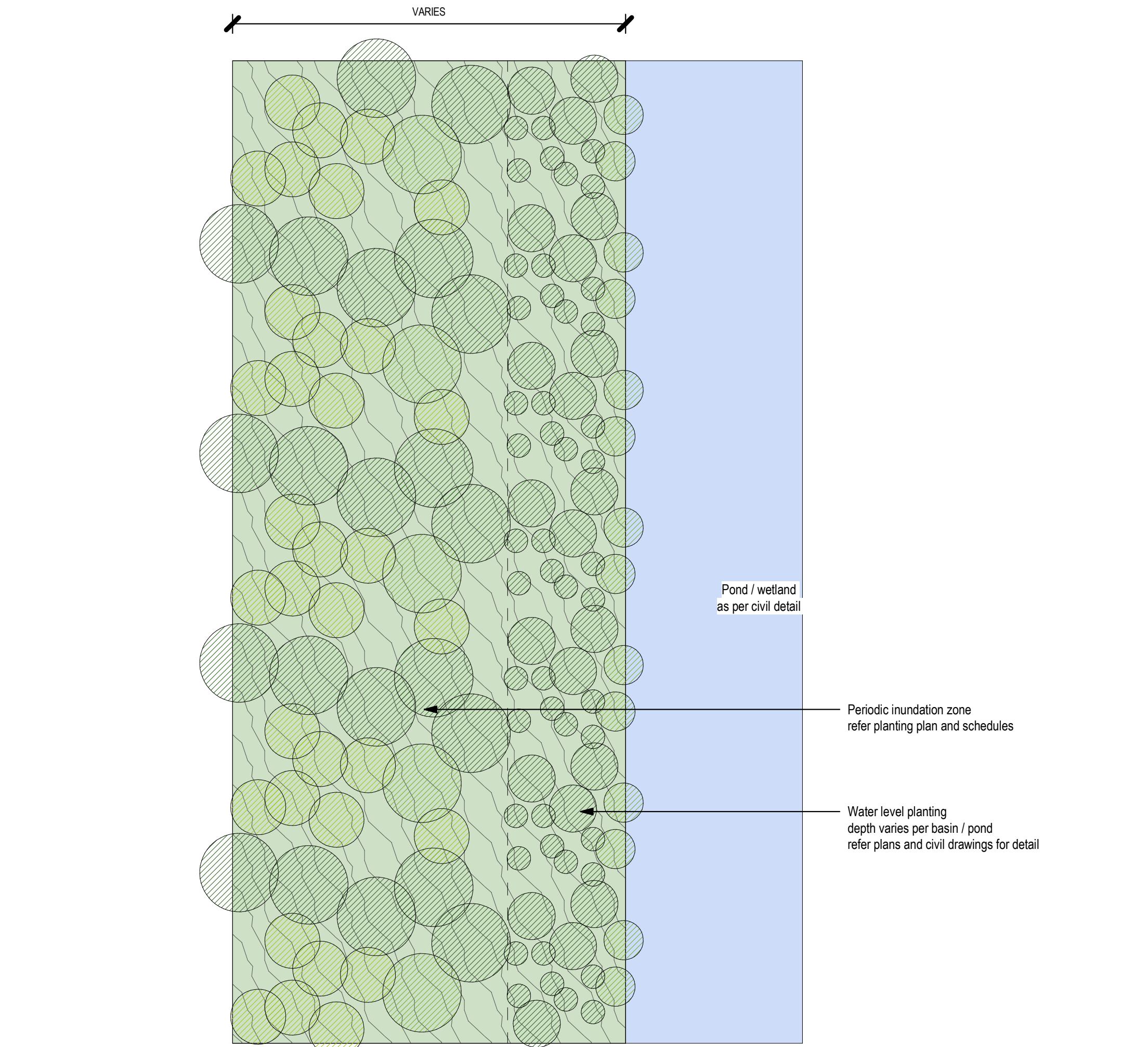
4 TYPICAL SECTION - CUMBERLAIN PLAIN
1 : 200

2 TYPICAL PLANTING - CREEK AND CREEK BANK
1 : 200

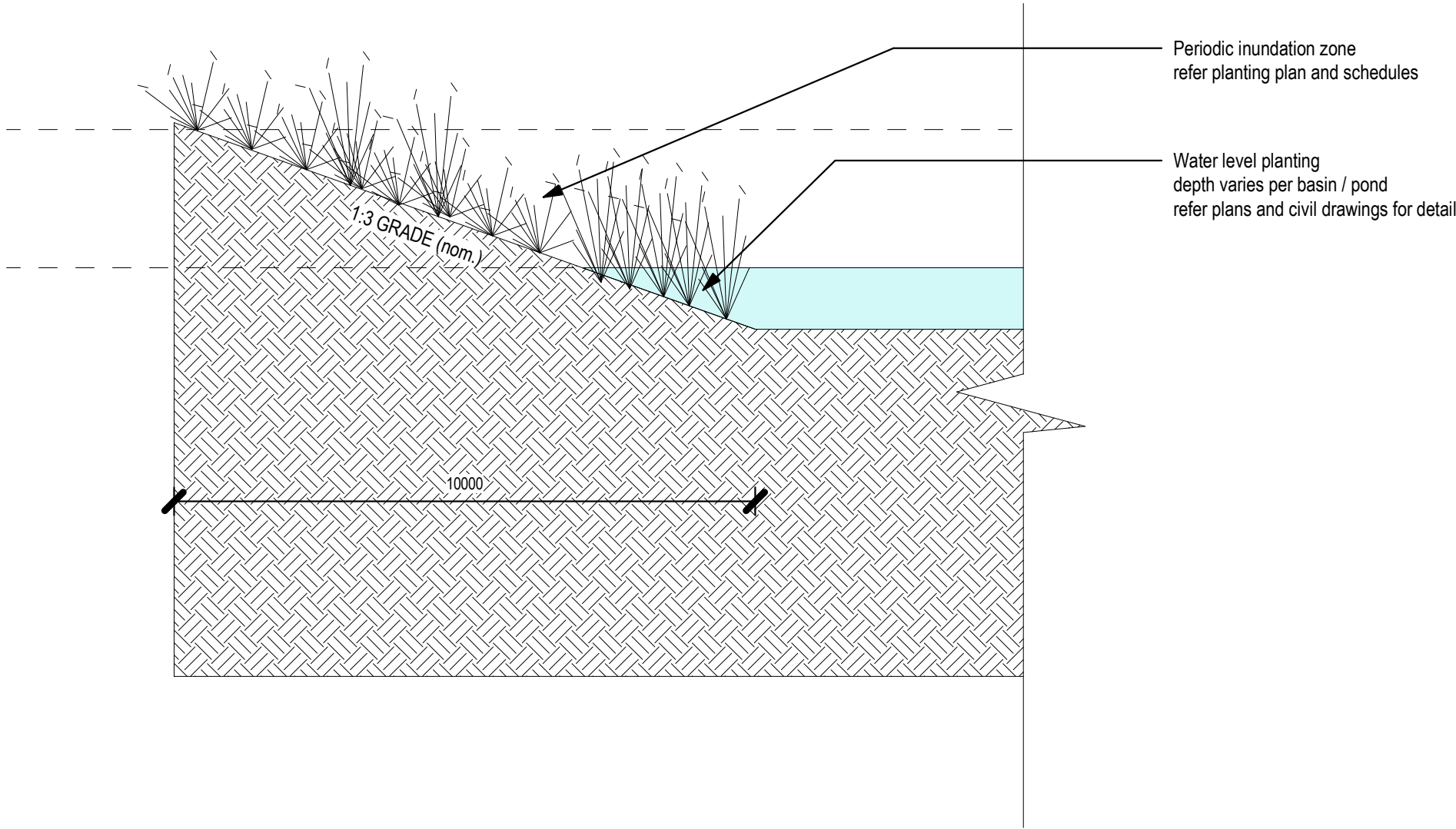


3 TYPICAL SECTION - CREEK AND CREEK BANK
1 : 200

Planting Approach 1

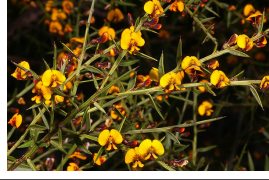


1 TYPICAL PLANTING -BASIN
1 : 100



2 TYPICAL SECTION - BASIN
1 : 100

Planting Approach 2

Tree Planting Schedule						
Code	Botanical Name	Common Name	Mature Height (mm)	Pot Size	Image	Count
Ac-de	Acacia decurrens	Black wattle	10000	200mm		219
Ac-im	Acacia implexa Acacia implexa	Hickory wattle	10000	200mm		132
Ac-pa	Acacia parramattensis	Parramatta wattle	6000	200mm		785
An-fl	Angophora floribunda	Rough Barked Apple	15000	200mm		189
Ba-ec	Banksia Ericifolia	Heath-leaved banksia	7000	75L		56
Ba-Ma	Banksia Marginata	Banksia	2000	75L		81
Ba-pa	Banksia Paludosa	Swap Banksia	15000	75L		60
Bu-sp	Bursaria spinosa	Native Blackthorn	10000	75L		56
Ca-ci	Callistemon Citrinus	Crimson Bottlebrush	3000	75L		49
Eu-fi	Casuarina glauca	Swamp sheoak	12000	200mm		223
Da-ul	Daviesia ulicifolia	Gorse Bitter Pea	2000	75L		129
Do-vi	Dodonaea viscosa	Sticky Hop Bush	8000	75L		52
Eu-am	Eucalyptus amplifolia	Cabbage gum	15000	200mm		251

Tree Planting Schedule						
Code	Botanical Name	Common Name	Mature Height (mm)	Pot Size	Image	Count
Eu-fi	Eucalyptus fibrosa	Red ironbark	20000	200mm		281
Eu-mo	Eucalyptus moluccana	Grey box	20000	200mm		156
Eu-te	Eucalyptus tereticornis	Forest red gum	25000	200mm		235
Ha-te	Hakea Teretifolia	Dagger Hakea	5000	75L		43
Le-co	Leptospermum continentale	Prickly Tea Tree	2000	75L		172
Le-tr	Leptospermum trinervium	Paperbark Tea tree	4000	75L		117
Me-do	Melaleuca decora	White feather honey myrtle	12000	200mm		211
Me-li	Melaleuca Linariifolia	Flax-leaved Paperbark	15000	200mm		75
Me-no	Melaleuca Nodosa	Water Gum	9000	200mm		108
Me-st	Melaleuca Styphelioide	Prickly Paperbark	20000	200mm		90
Me-th	Melaleuca Thymifolia	Thyme Honey-Myrtle	1200	200mm		79
Pu-vi	Pultengeg Vilifera	Cobwebbed Bush-pea	2000	75L		46

Tree Planting Schedule						
Code	Botanical Name	Common Name	Mature Height (mm)	Pot Size	Image	Count
Tr-la	Tristaniopsis Laurina	Water Gum	7000	75L		82

Planting Schedule - Shrubs and Groundcovers													
Groundcover_ID	Species	Species Qty	Species	Species Qty	Species	Species Qty	Species	Species Qty	Species	Species Qty	Species	Species Qty	Species Qty
CPW-1	Aristida ramosa Aristida ramosa	474	Aristida vagans	474	Austrodanthonia tenuior	631	Panicum effusum	158	Paspalidium distans	80	Sporobolus creber	80	
CPW-2	Cheilanthes sieberi subsp. sierberi	901	Chloris truncata	2680	Commelina cyanea	454	Cymbopogon refractus	2680	Vernonia cinerea var. cinerea	454	Wahlenbergia gracilis	454	
CPW-3	Brunoniella australis	1144	Centella asiatica	1144	Dianella longifolia	1371	Microlaena stipoides var. stipoides	1371	Oxalis perennans	1144	Solanum prinophyllum	1144	
CPW-4	Eragrostis leptostachya	138	Glycine clandestina	138	Glycine tabacina	138	Goodenia hederacea subsp. hederacea	341	Opercularia diphylla	138	Themeda australis	681	
CPW-S	Bursaria spinosa	109	Daviesia ulicifolia	109	Indigofera australis	109	Ozothamnus diosmifolius	109		0	0	0	0
EW- Mix1	Baumea acuta	11584	Baumea articulata	11584	Baumea rubiginosa	11584	Schoenoplectus Validua	11584	Eleocharis acuta	11584			0
EW-Mix6	Juncus kraussii	6740	Gahnia filum	6740	Lomandra filiformis	6740	Gahnia filum	6740		0			0
EW-Mix7	Themeda australis	10802	Dichelachne micrantha	10802	Cymbopogon refractus	10802	Austrostipa setacea	10802		0			0
EW-Mix8	Eragrostis leptostachya	5304	Carex appressa	5304	Entolasia stricta	5304	Schoenoplectus mucronatus	5304		0			0
EW-Mix 2	Goodenia Ovata	10821	Lomandra filiformis	10821	Lomandra longifolia	10821	Microlaena stipoides	10821		0			0
EW-Mix 3	Dianella longifolia	12205	Hardenbergia violacea	12205	Themeda australis	12205	Tricoryne elatior	12205		0			0
EW-Mix 4	Carex appressa	16798	Carex fascicularis	16798	Juncus flavidus	16798	Juncus usatilis	16798		0			0
EW-Mix 5	Chorizandra enodis	10158	Poa labillardieri	10158	Ficinia nodosa	10158	Imperata cylindrica	10158		0			0
MC-1	Typha orientalis	38	Persicaria decipiens	75	Baumea rubiginosa	75	Gahnia sieberiana	112		0			0
MC-2	Phragmites australis	6299	Eleocharis acuta	3154	Carex appressa	3154	Juncus usatilis	6299		0			0
RP-1	Cheilanthes sieberi subsp. sierberi	2255	Commelina cyanea	2255	Dichondra repens	2255	Glycine clandestina	235	Lomandra longifolia	3379			0
RP-2	Microlaena stipoides var. stipoides	3477	oplismenus aemulus	1743	Oxalis perennans	0	Pratia purpurascens	1398	Themeda australis	878			0

Bradfield Moore Gully Riparian
REVIEW OF ENVIRONMENTAL FACTORS

LEGEND:

Project scope boundary

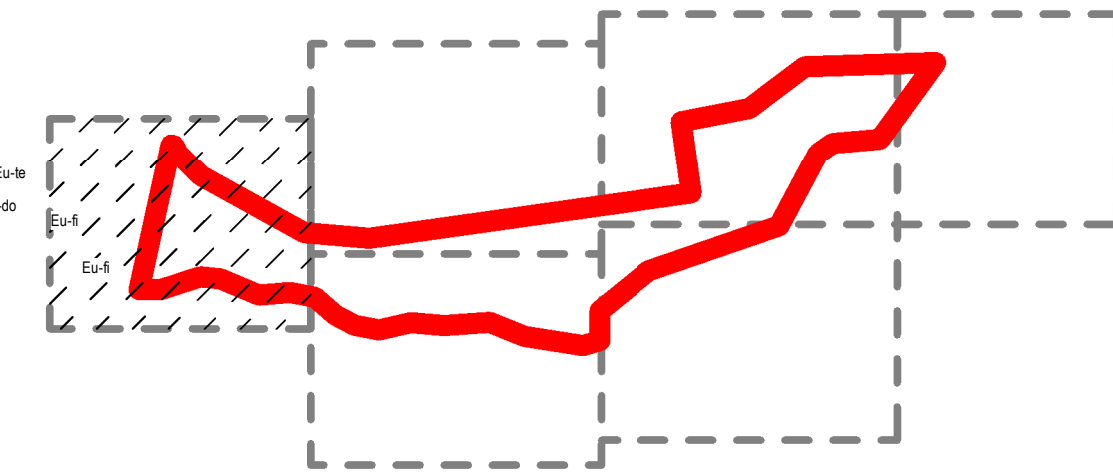
Existing vegetation area retained and protected

Existing tree retained

Proposed canopy tree as per schedule

Proposed shrub planting as per schedule

Proposed groundcover planting areas as per schedule



Key Plan

Detailed Planting Plan 1

CLIENT: WPCA
JOB NO: 20-083
CHECKED: AL
DRAWN BY: MR
DESIGNED BY: DMTAL

DRAWING: REF-LA203
REV: UPDATE REF ISSUE
DATE: 22.11.2024

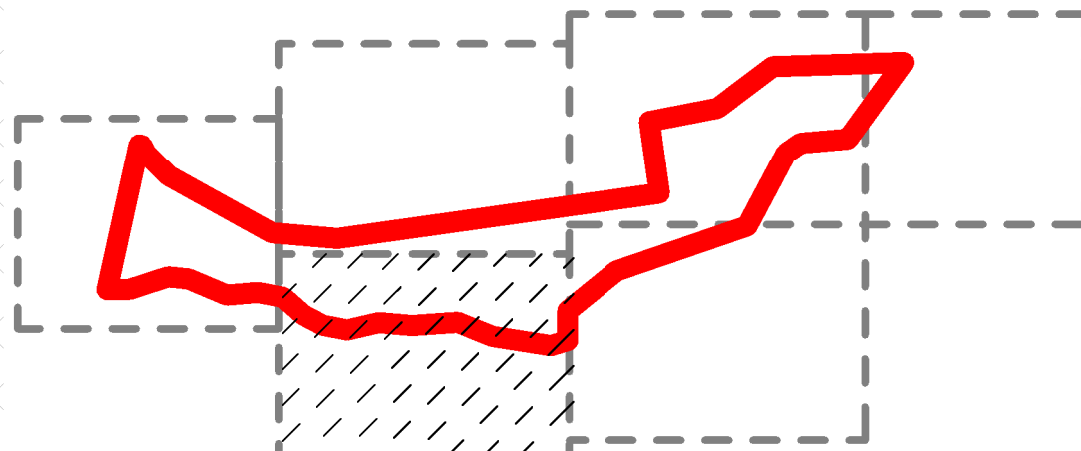
TaylorBrammer
TAYLOR BRAMMER LANDSCAPE ARCHITECTS PTY LTD
SYDNEY STUDIO
218 OXFORD STREET
WOOLLAHRA NSW 2025

T: +61 2 9387 8855
F: +61 2 9387 8155
E: STONCE@TAYLORBRAMMER.COM.AU

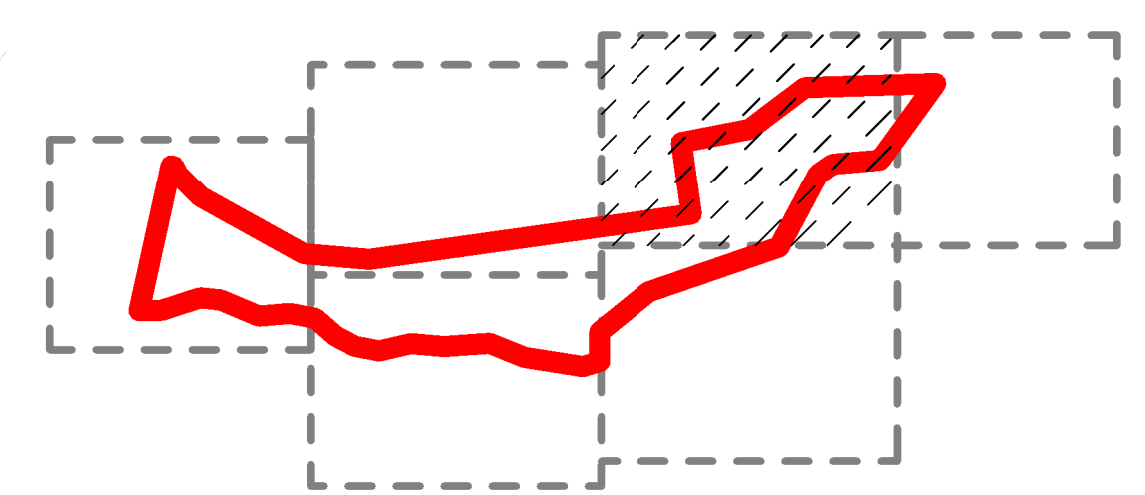


Bradfield Moore Gully Riparian
REVIEW OF ENVIRONMENTAL FACTORS

- LEGEND:
- Project scope boundary
 - Existing tree retained
 - Proposed shrub planting as per schedule
 - Existing vegetation area retained and protected
 - Proposed canopy tree as per schedule
 - Proposed groundcover planting areas as per schedule



Detailed Planting Plan 3



Key Plan

Detailed Planting Plan 4

Bradfield Moore Gully Riparian
REVIEW OF ENVIRONMENTAL FACTORS

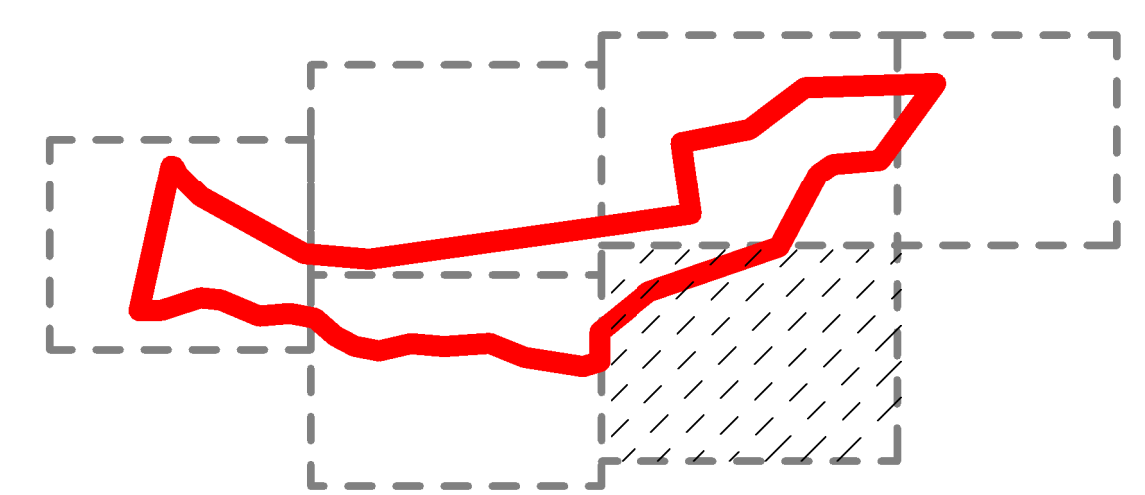
- LEGEND:**
- Project scope boundary
 - Existing tree retained
 - Proposed shrub planting as per schedule
 - Existing vegetation area retained and protected
 - Proposed canopy tree as per schedule
 - Proposed groundcover planting areas as per schedule

CLIENT: WPCA
JOB NO: 20-083
CHECKED: AL
DRAWN BY: MR
DESIGNED BY: DMITAL

REV: REF-LA206 E
REV: UPDATE REF ISSUE
DATE: 22.11.2024

TaylorBrammer
TAYLOR BRAMMER LANDSCAPE ARCHITECTS PTY LTD
SYDNEY STUDIO
218 OXFORD STREET
WOOLLAHRA NSW 2025
T: +61 2 9387 8855
F: +61 2 9387 8155
E: SYDNEY@TAYLORBRAMMER.COM.AU

Copyright of Taylor Brammer Landscape Architects Pty Ltd
AEN 61 098 724 988



Key Plan

Bradfield Moore Gully Riparian

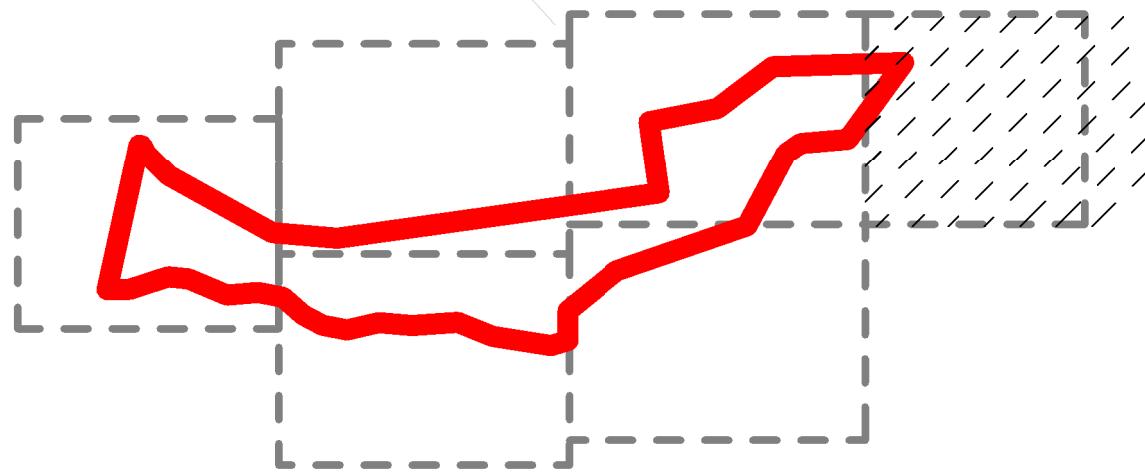
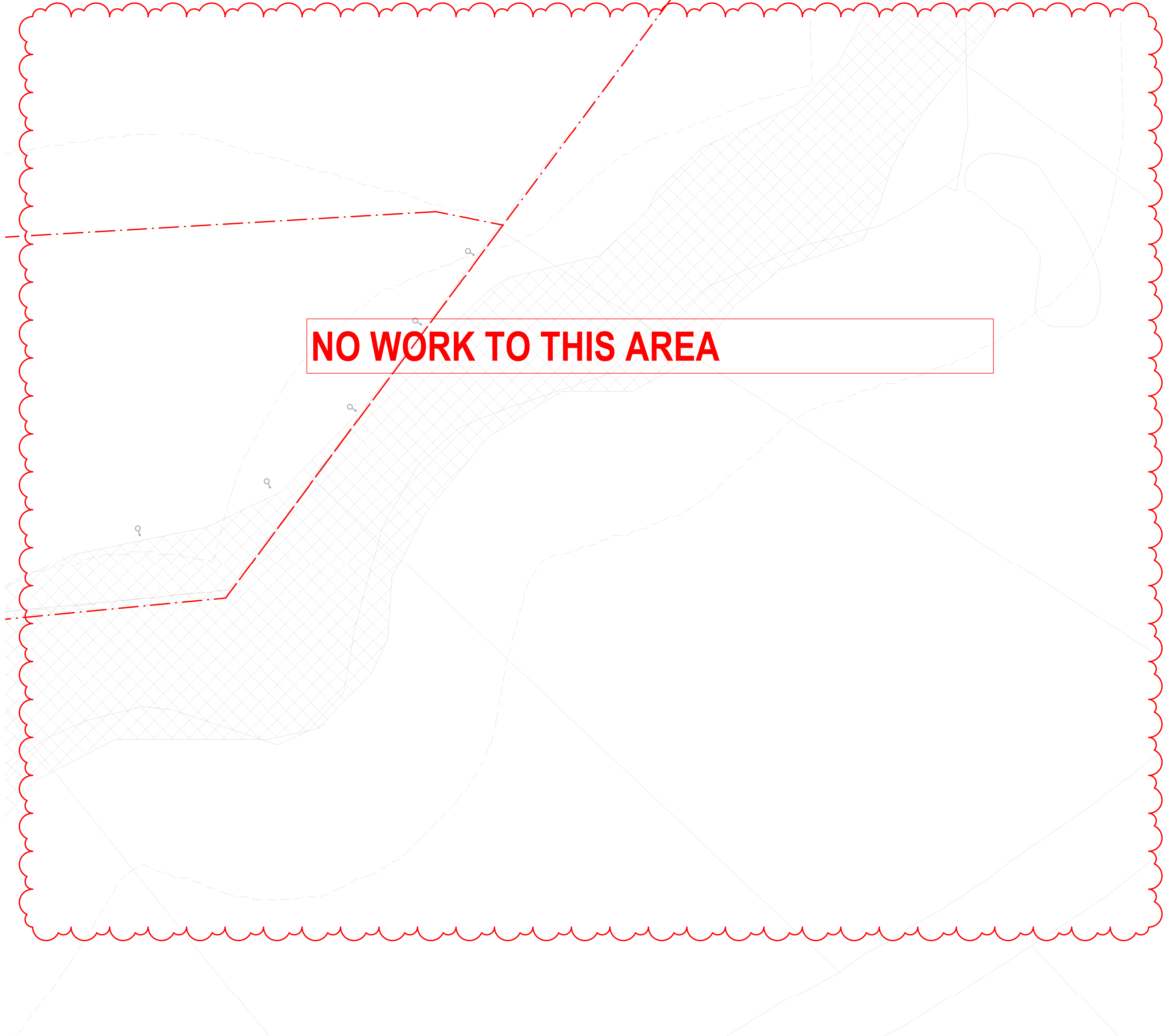
REVIEW OF ENVIRONMENTAL FACTORS

- LEGEND:
- - - Project scope boundary
 - Existing tree retained
 - Proposed shrub planting as per schedule
 - Existing vegetation area retained and protected
 - Proposed canopy tree as per schedule
 - Proposed groundcover planting areas as per schedule

CLIENT: WPCA
JOB NO: 20-083s
CHECKED: AL
DRAWN BY: MR
DESIGNED BY: DMITAL

DRAWING: **REF-LA207**
REV: **E**
REV: UPDATE REF ISSUE
DATE: 22.11.2024

TaylorBrammer
TAYLOR BRAMMER LANDSCAPE ARCHITECTS PTY LTD
SYDNEY STUDIO
218 OXFORD STREET
WOOLLAHRA NSW 2025
T: +61 2 9387 8855
F: +61 2 9387 8155
E: STYNO@TAYLORBRAMMER.COM.AU
AEN 61 098 724 988



Key Plan

Detailed Planting Plan 6

Bradfield Moore Gully Riparian
REVIEW OF ENVIRONMENTAL FACTORS

LEGEND:

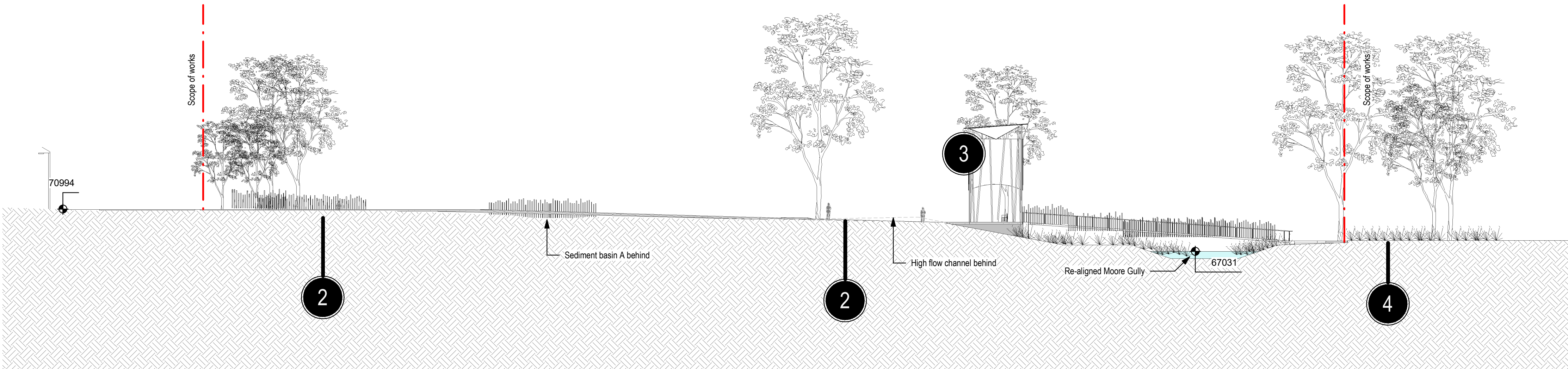
CLIENT: WPCA
JOB NO: 20-083s
CHECKED: AL
DRAWN BY: MR
DESIGNED BY: DM/TAL

DRAWING: **REF-LA208 E**
REV: UPDATE REF ISSUE
DATE: 22.11.2024

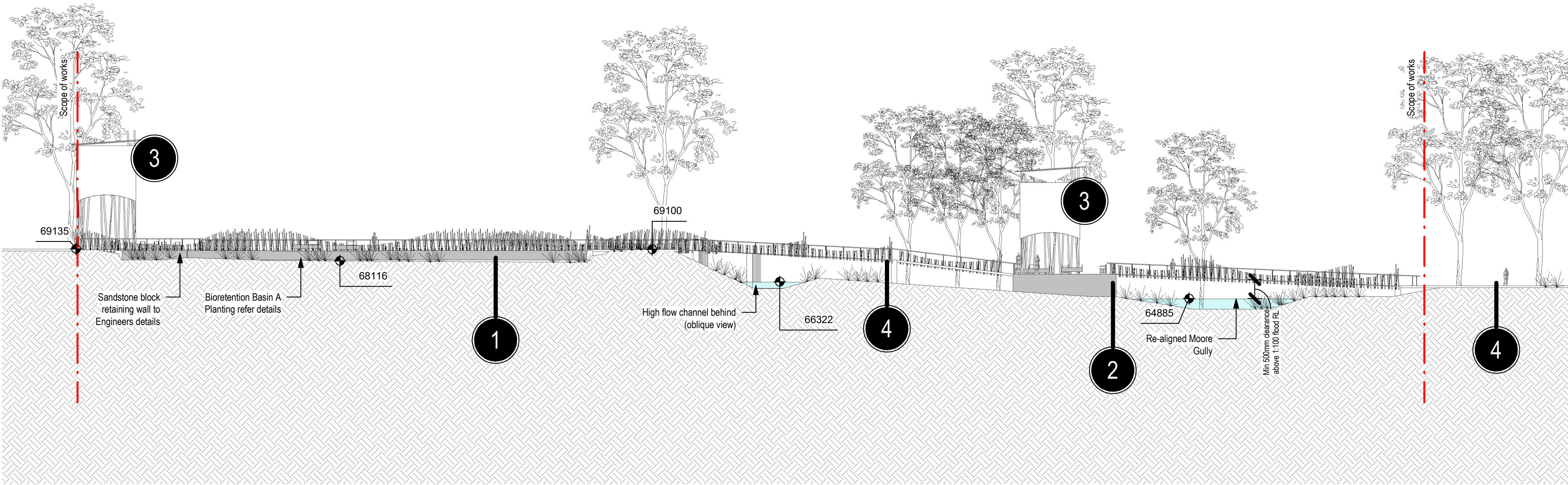
TaylorBrammer
TAYLOR BRAMMER LANDSCAPE ARCHITECTS PTY LTD
SYDNEY STUDIO
218 OXFORD STREET
WOOLLAHRA NSW 2025
T: +61 2 9387 8855
F: +61 2 9387 8155
E: STYDING@TAYLORBRAMMER.COM.AU

Design Notes

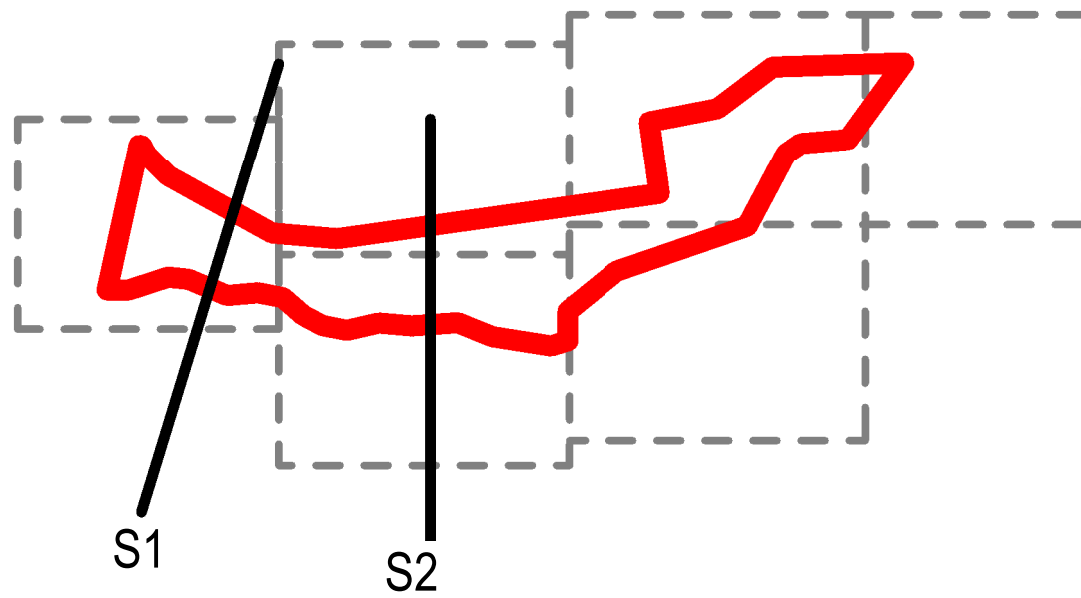
- 1 Proposed vegetated wetland and associated stormwater infrastructure
- 2 Proposed pedestrian and cycle (east) path crossing
- 3 Proposed lightweight pavilions
- 4 Proposed nature walk with rest stops, seating, lighting and interpretive signage



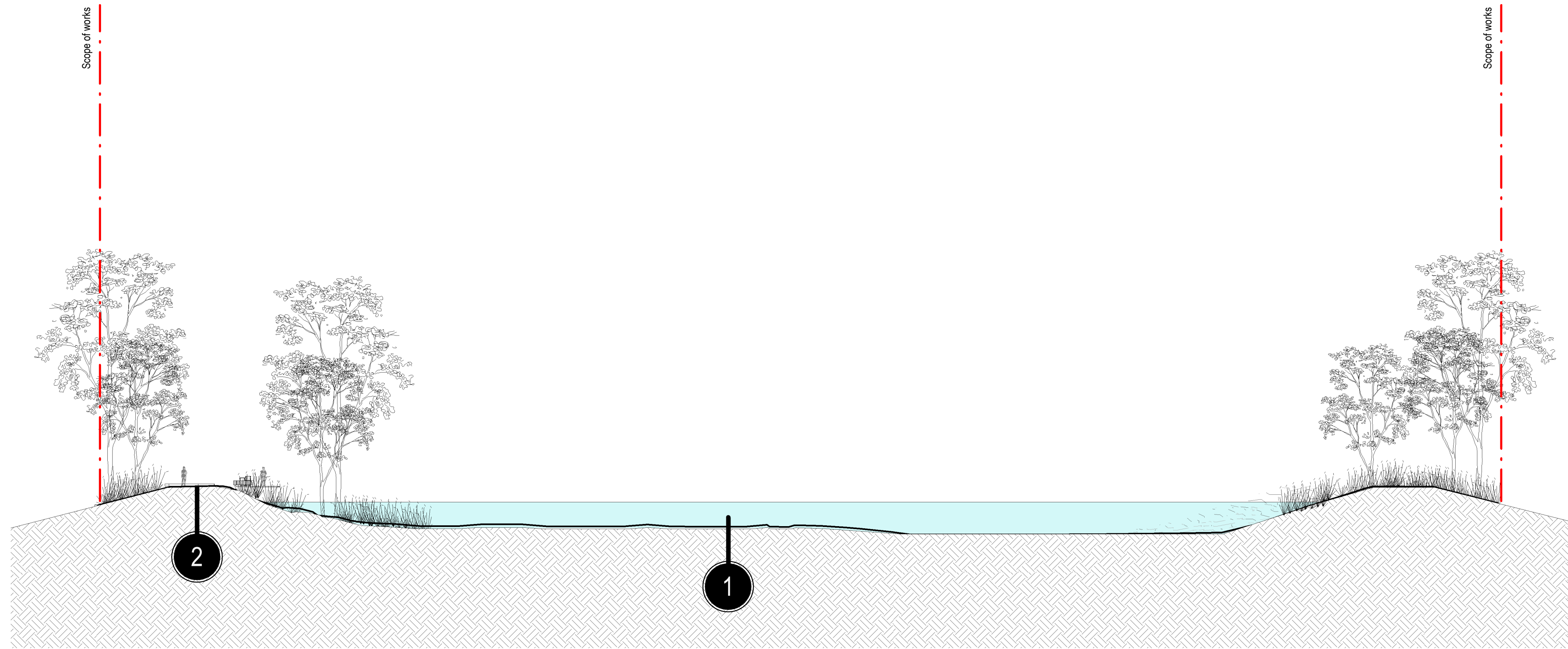
1 Pedestrian crossing (west)
1 : 250



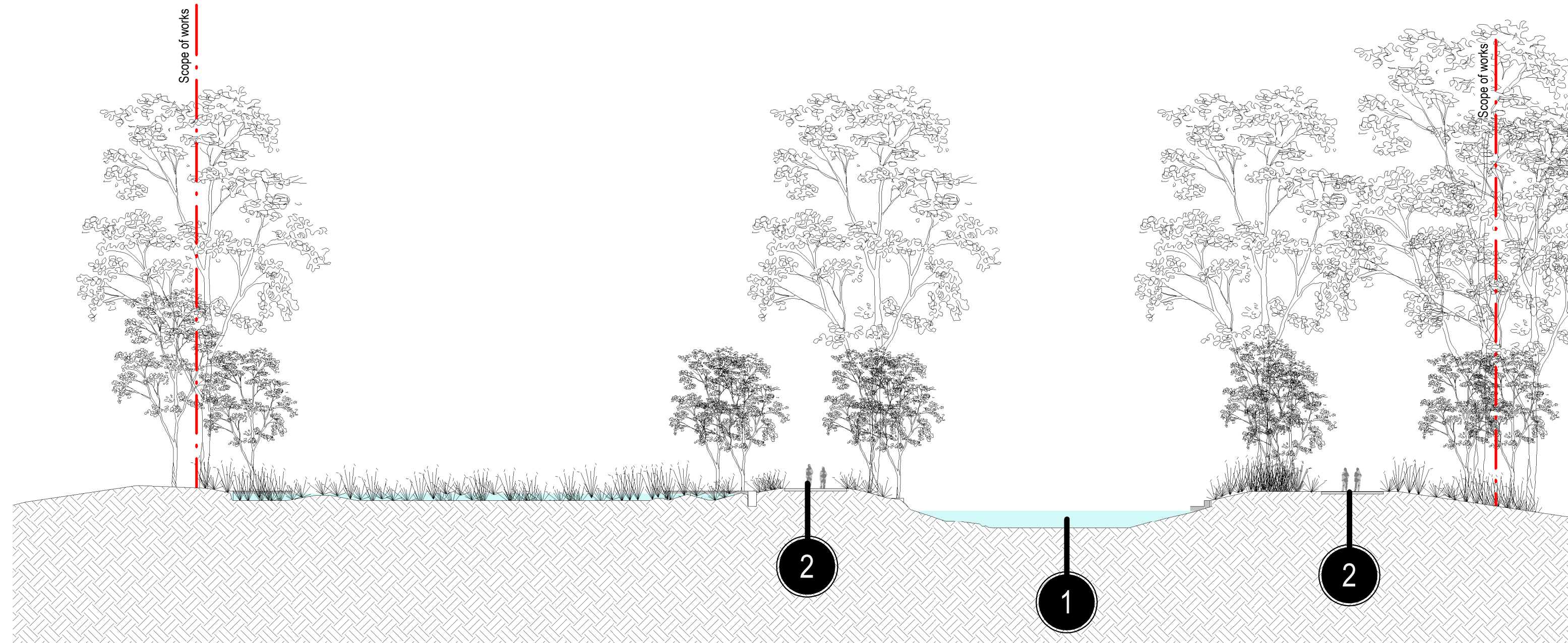
2 Pedestrian and Cycle crossing (east)
1 : 250



Site Sections 1



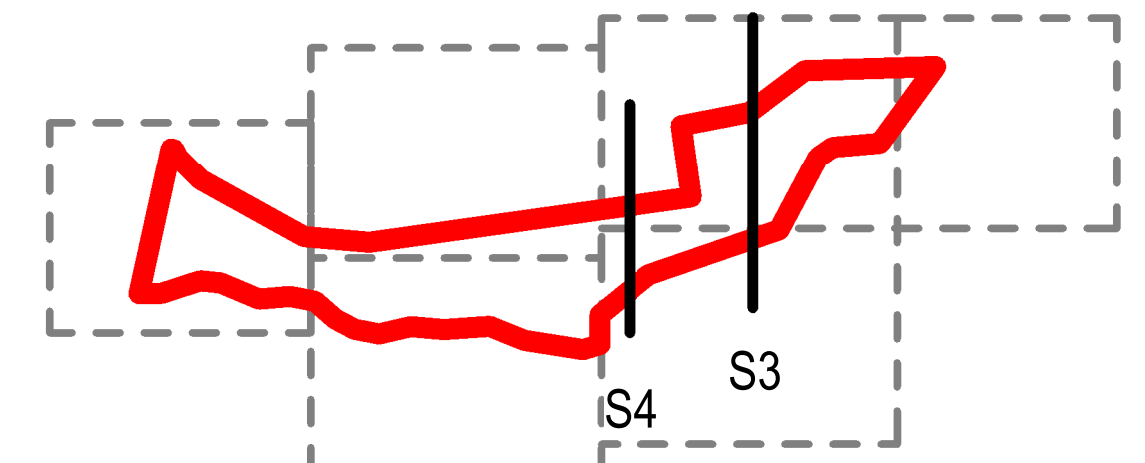
1 S3
1 : 250



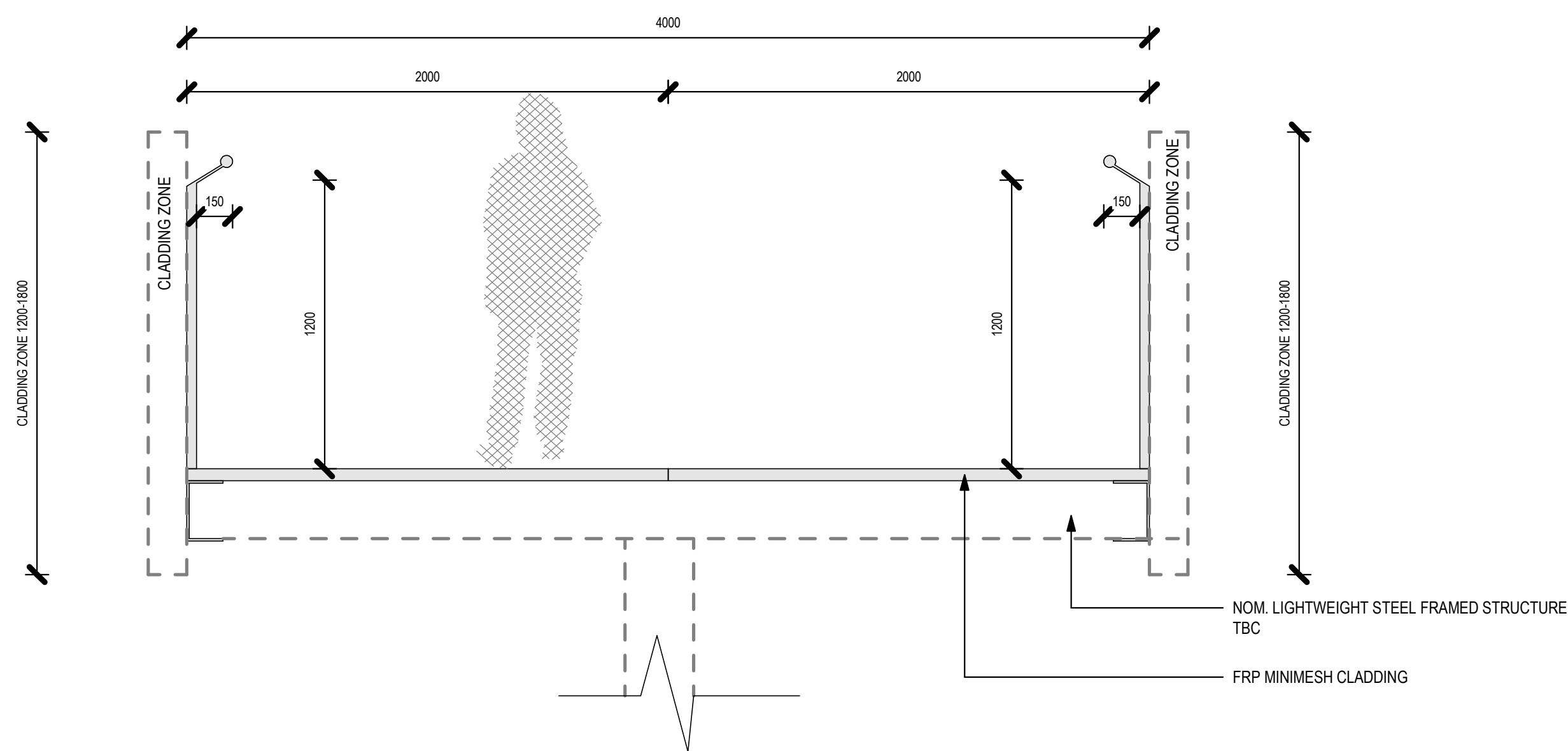
2 S4
1 : 250

Design Notes

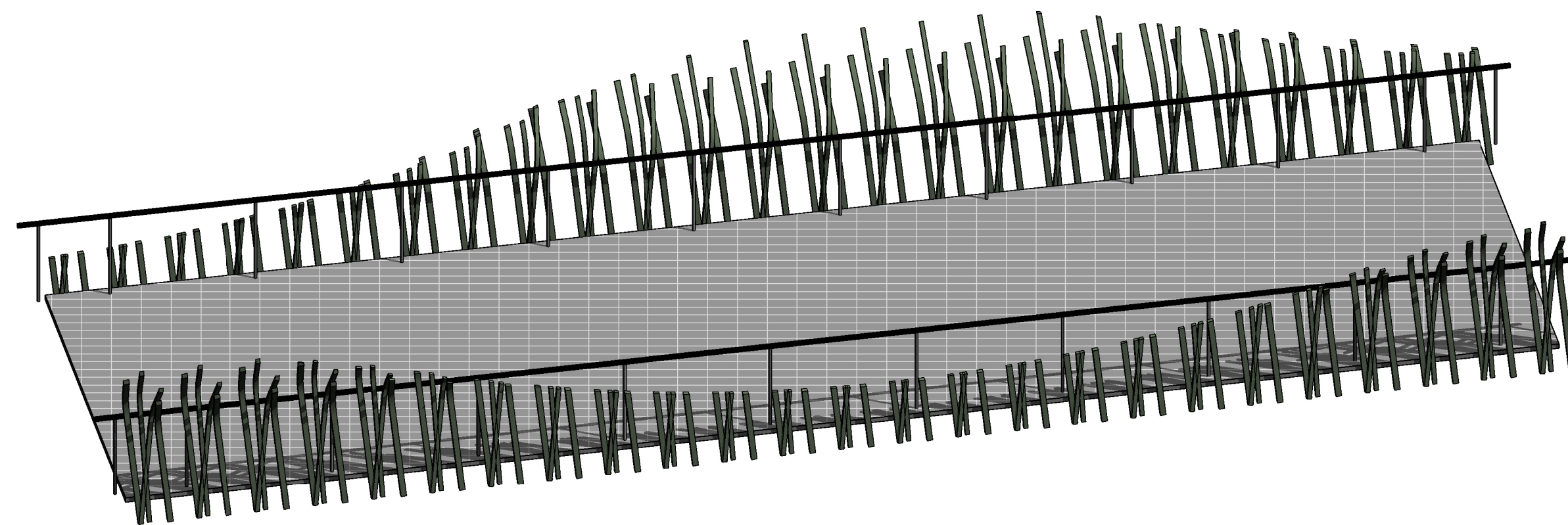
- 1 Proposed vegetated wetland and associated stormwater infrastructure
- 2 Proposed pedestrian and maintenance access path



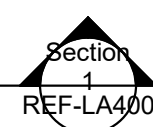
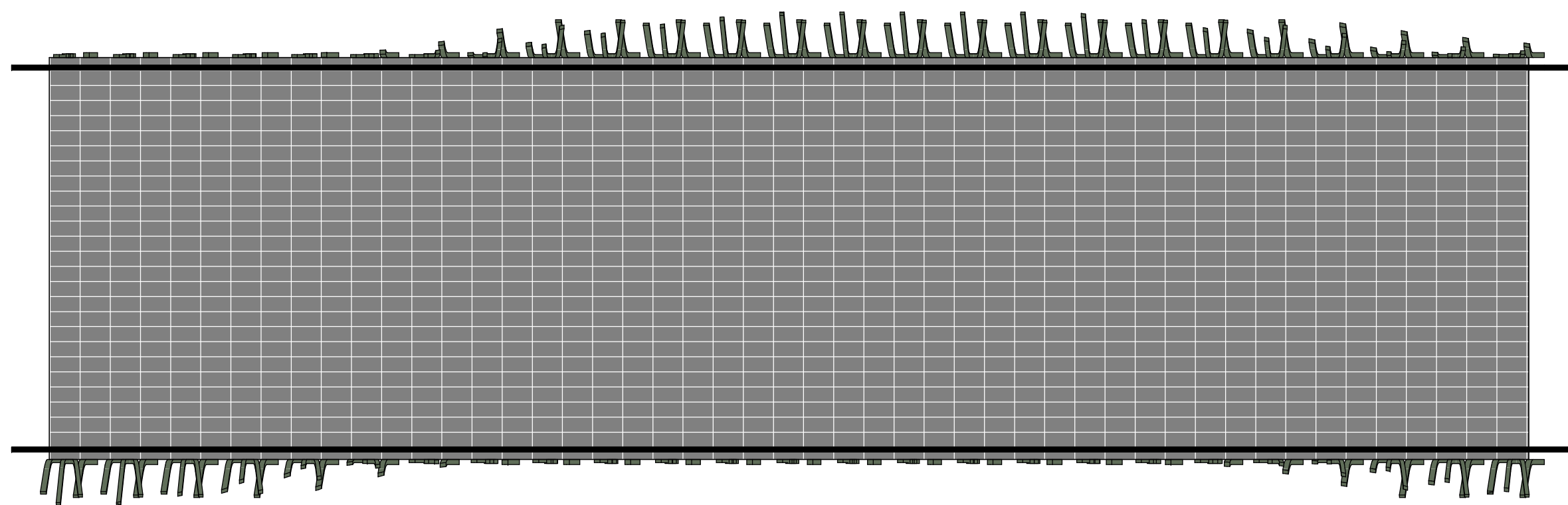
Site Sections 2



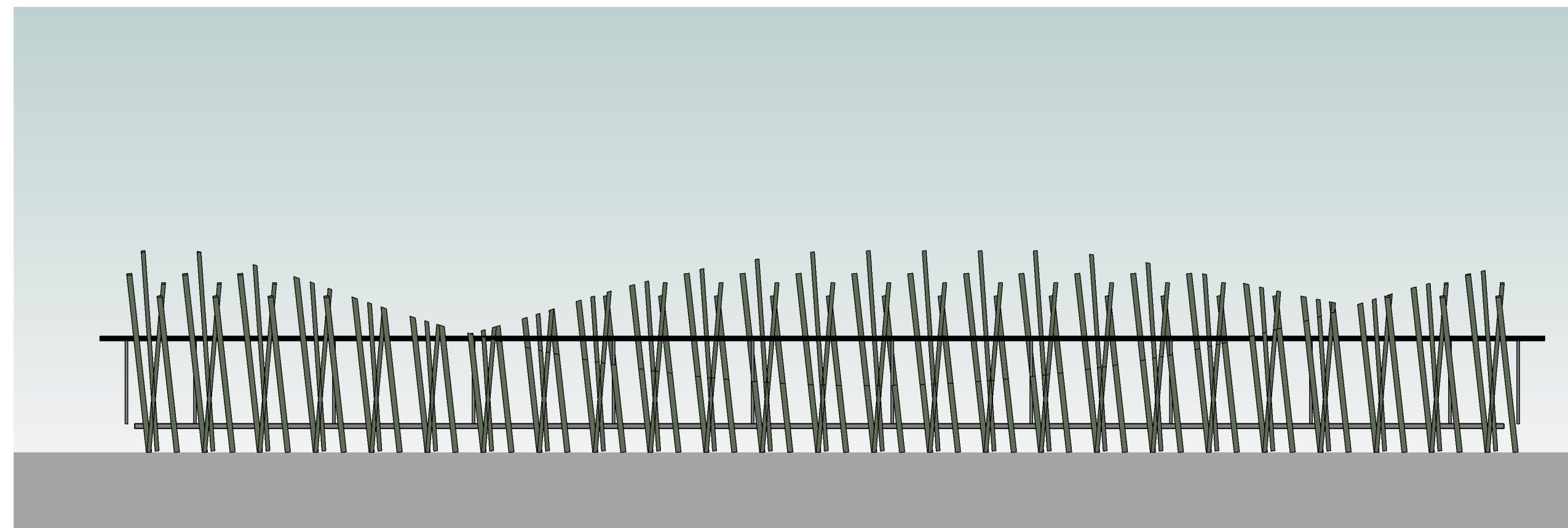
1 Typical Section - Eastern Shared Boardwalk (cycle and pedestrian)
1 : 20



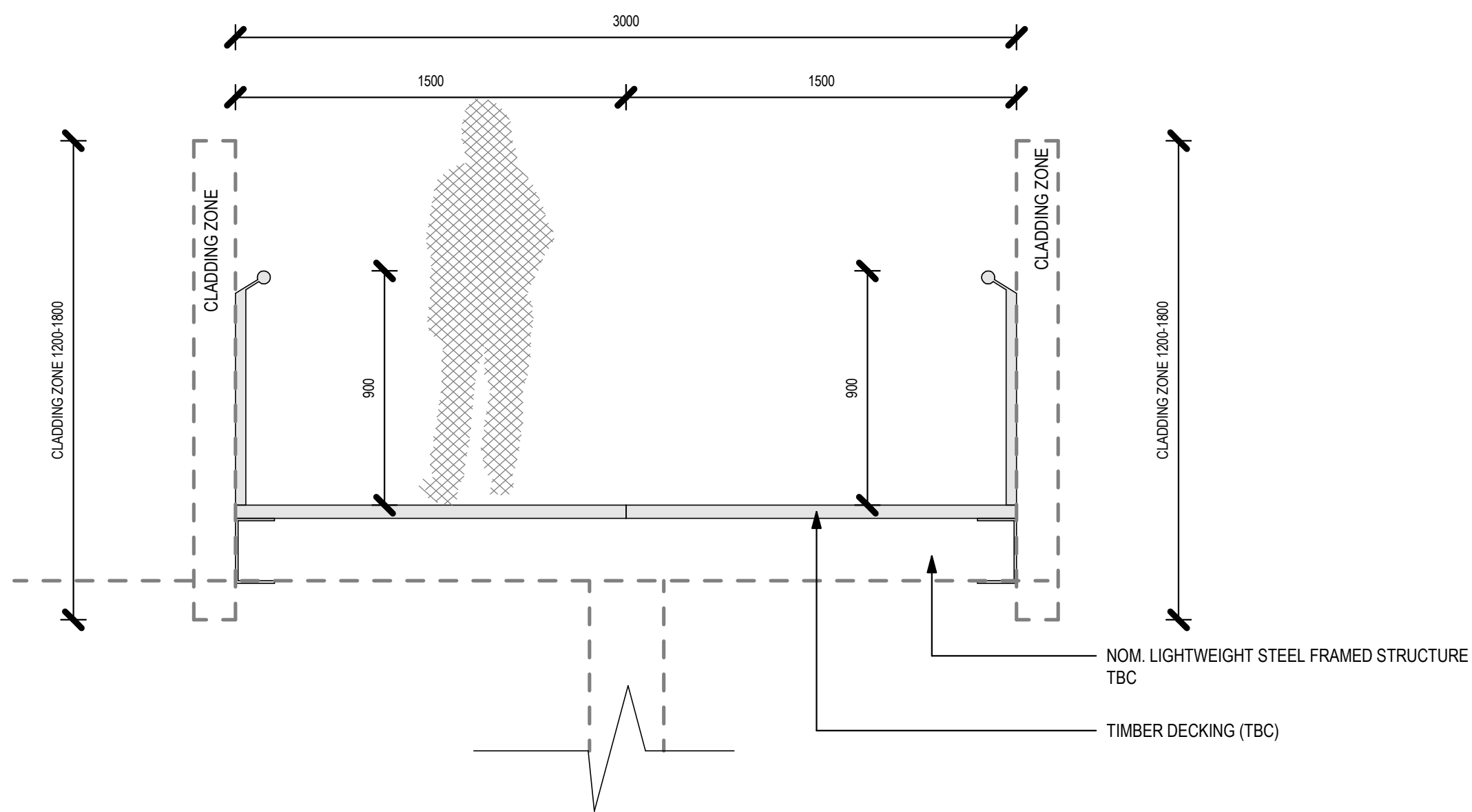
4 3D view EASTERN BRIDGE



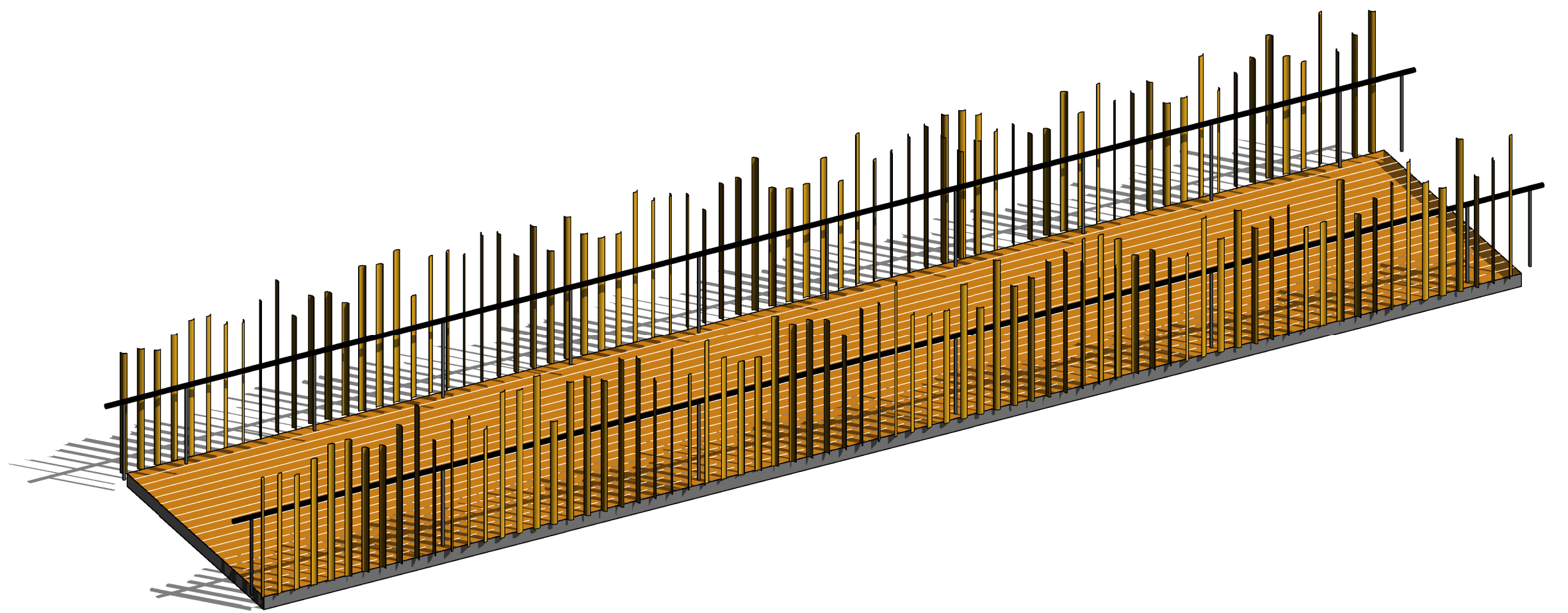
2 Detailed Plan -Eastern Shared Boardwalk (cycle and pedestrian)
1 : 50



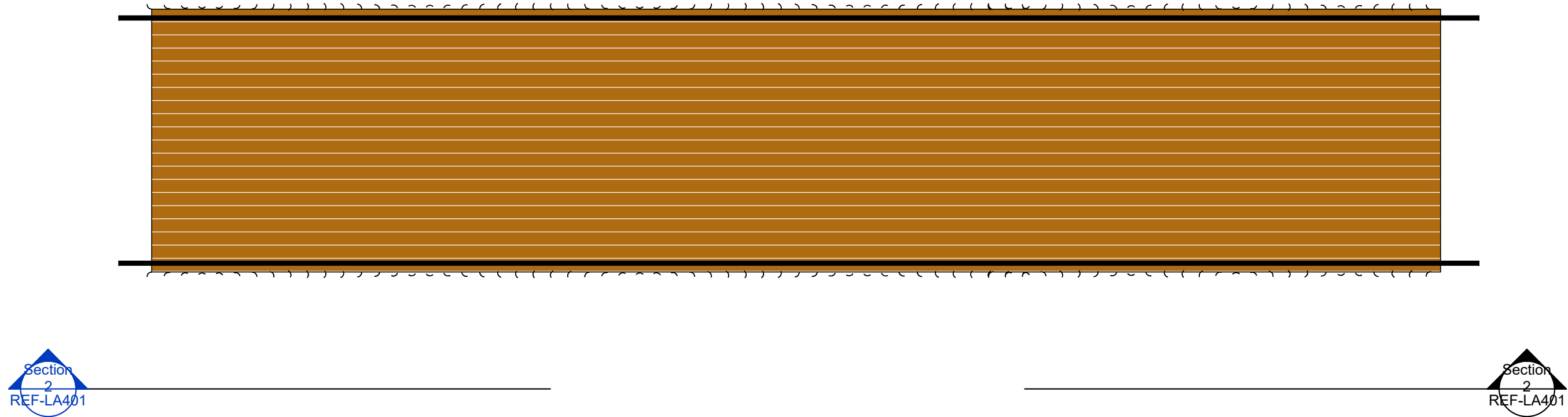
3 Elevation - Eastern Shared Boardwalk (cycle and pedestrian)
1 : 50



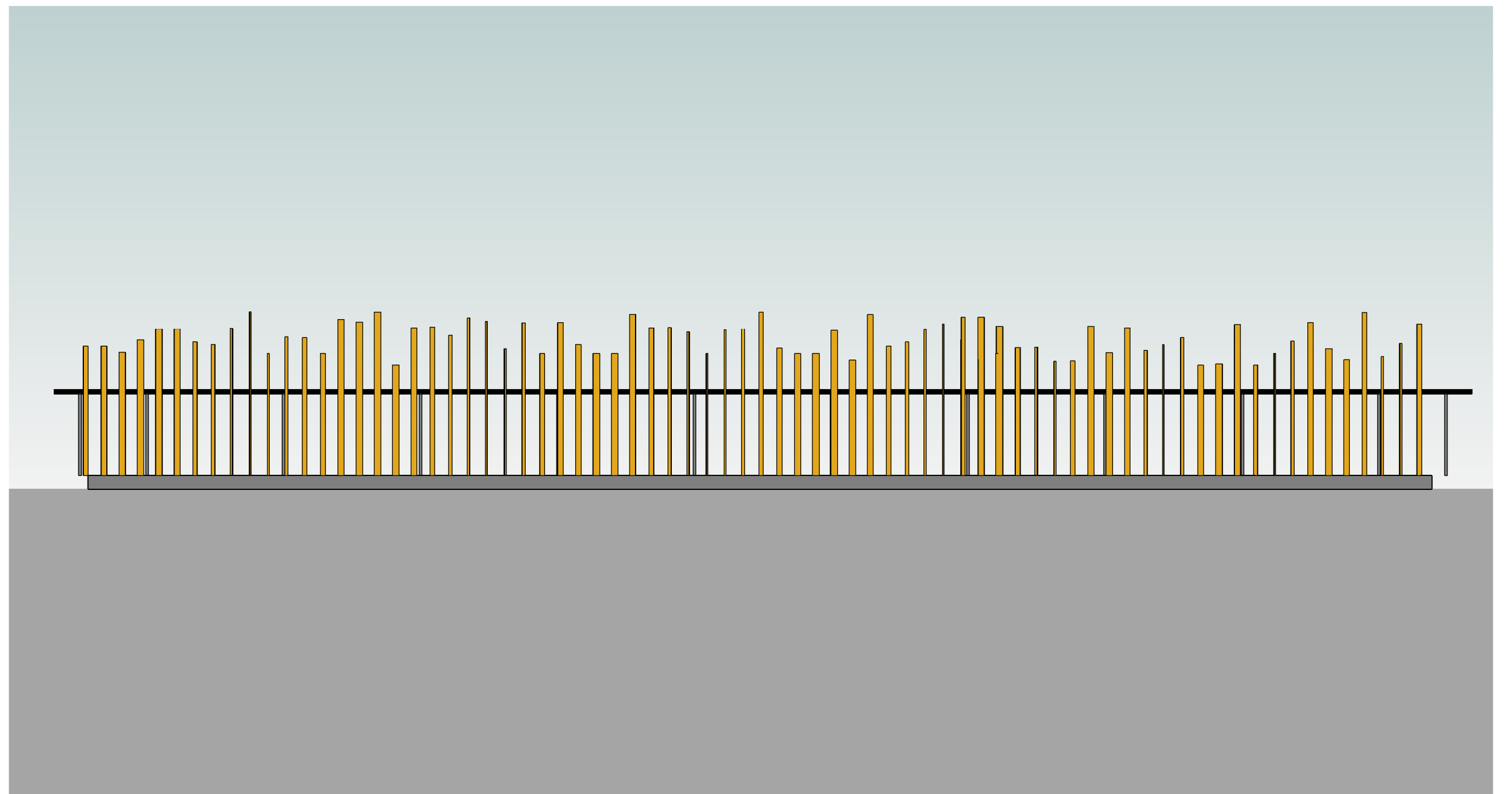
3 Typical Section - Pedestrian Boardwalk
1 : 20



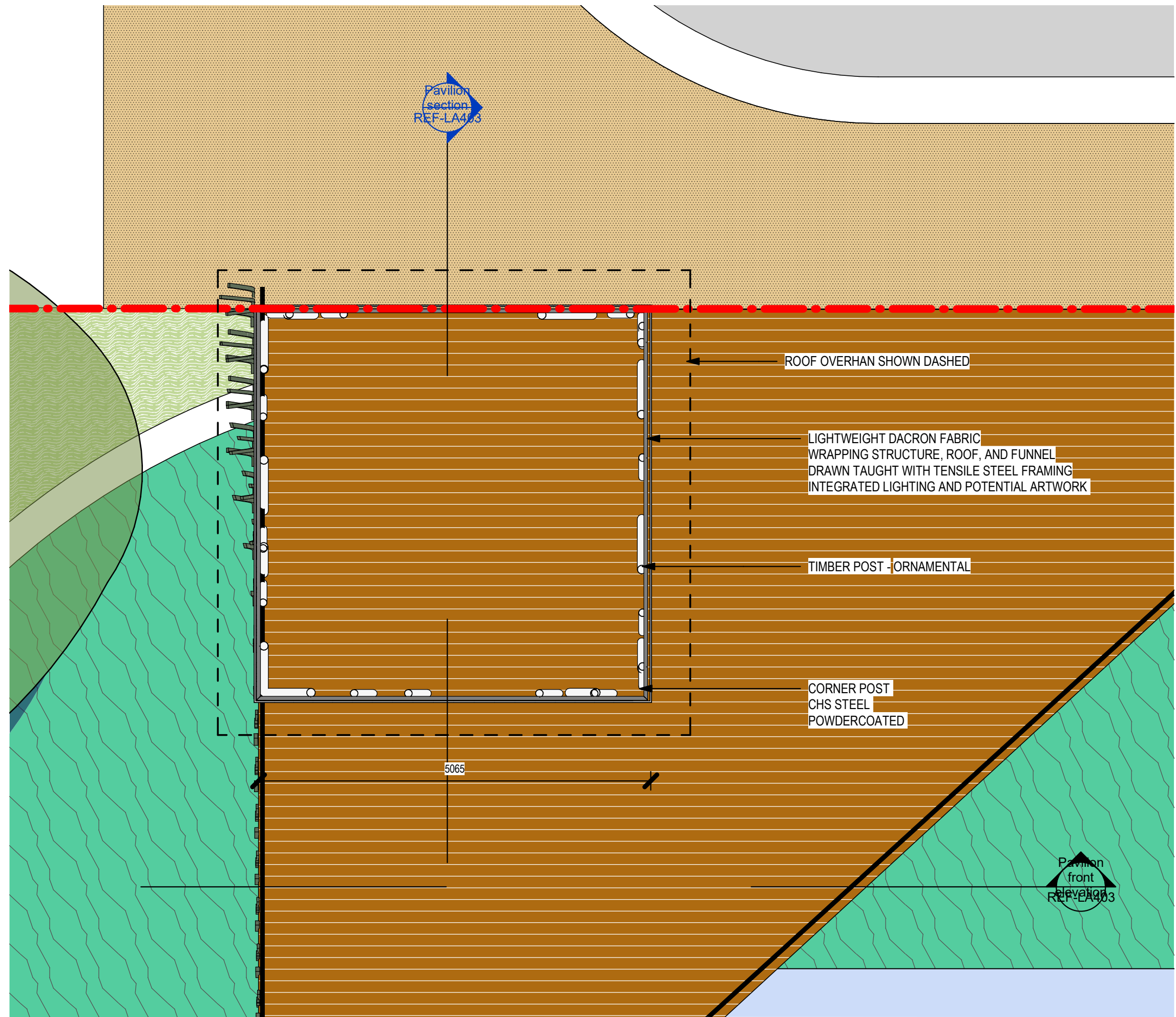
4 3D view WESTERN BRIDGE



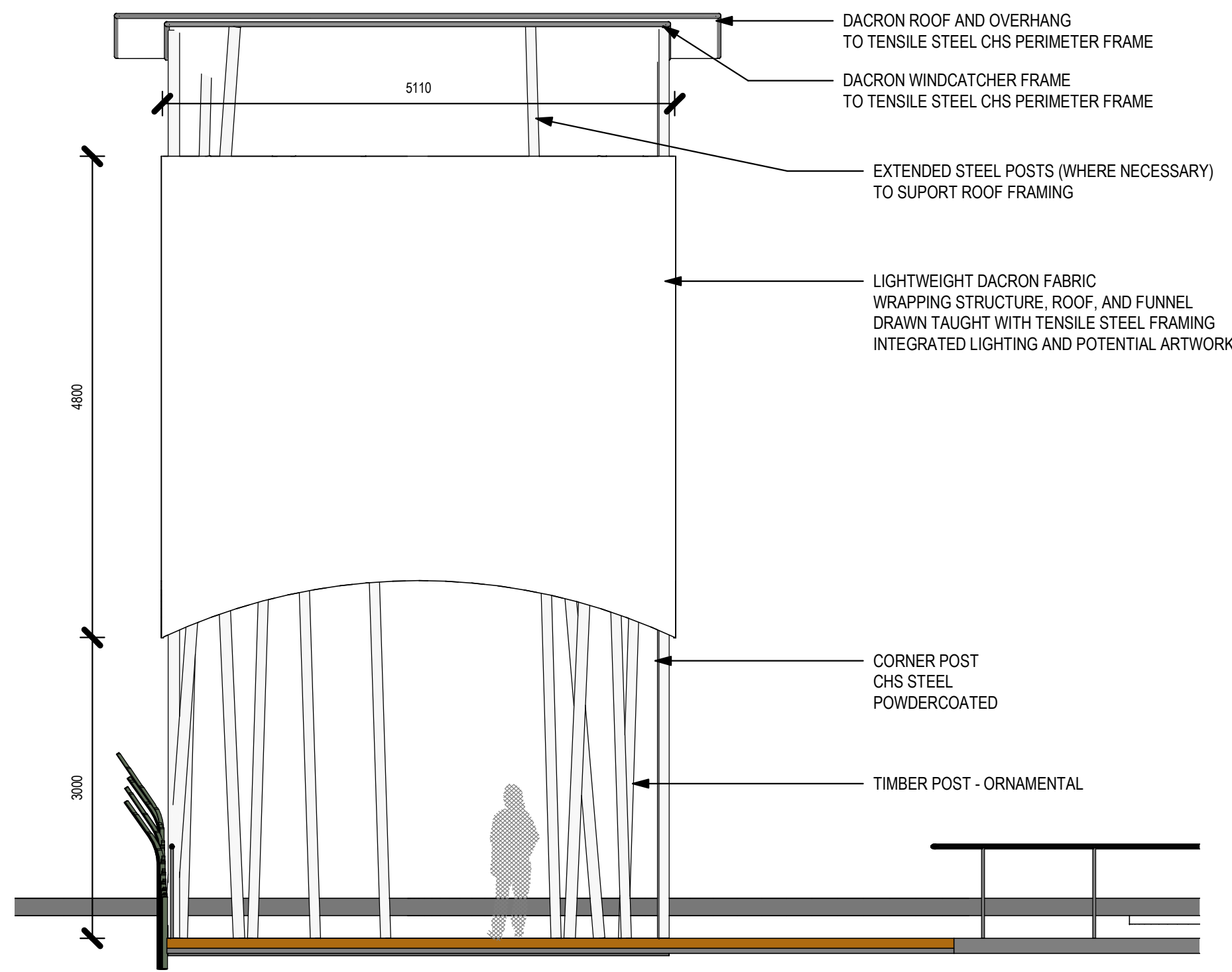
1 Detailed Plan - Typical Section - Pedestrian Boardwalk
1 : 50



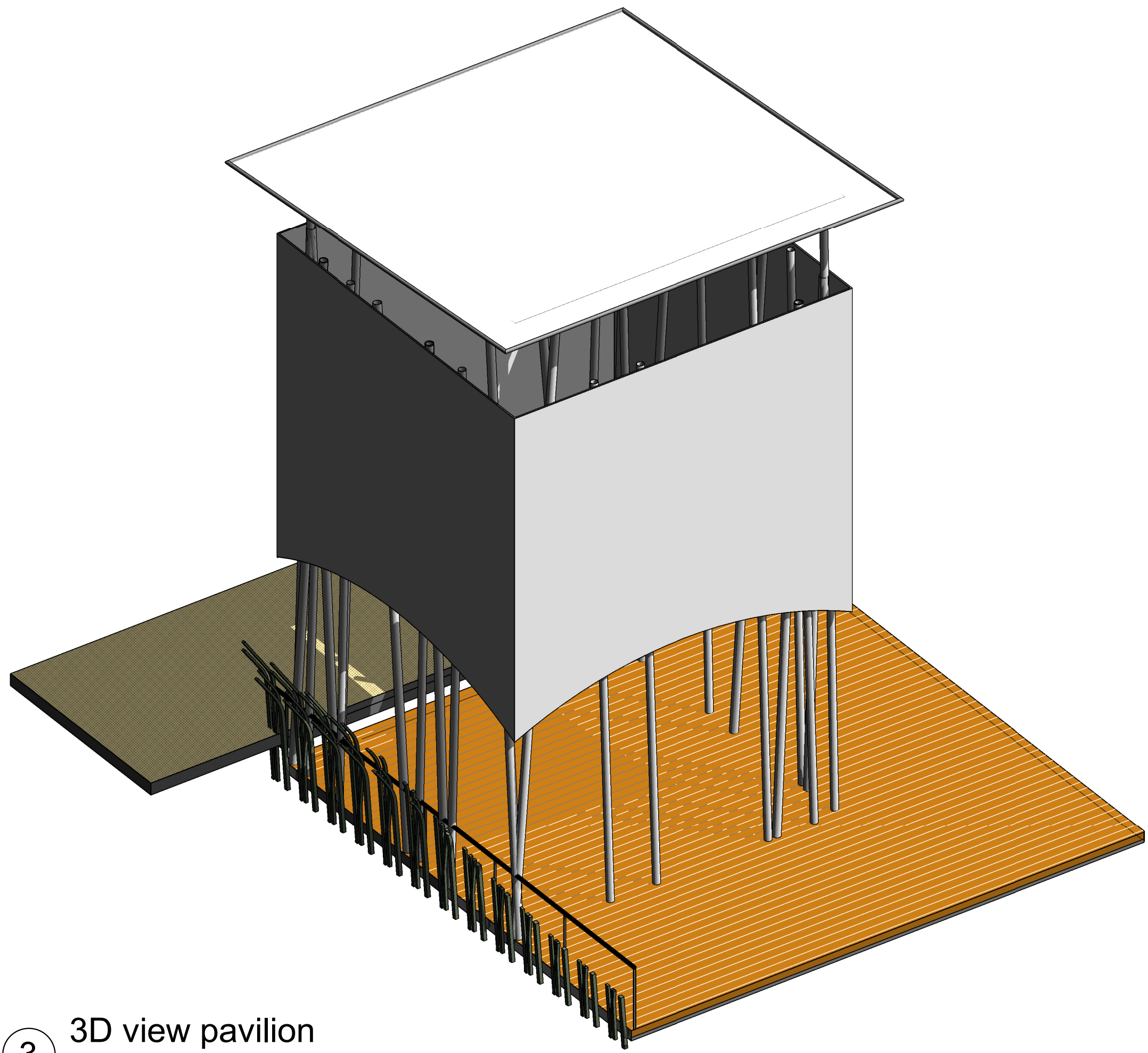
2 Elevation - Pedestrian Boardwalk
1 : 50



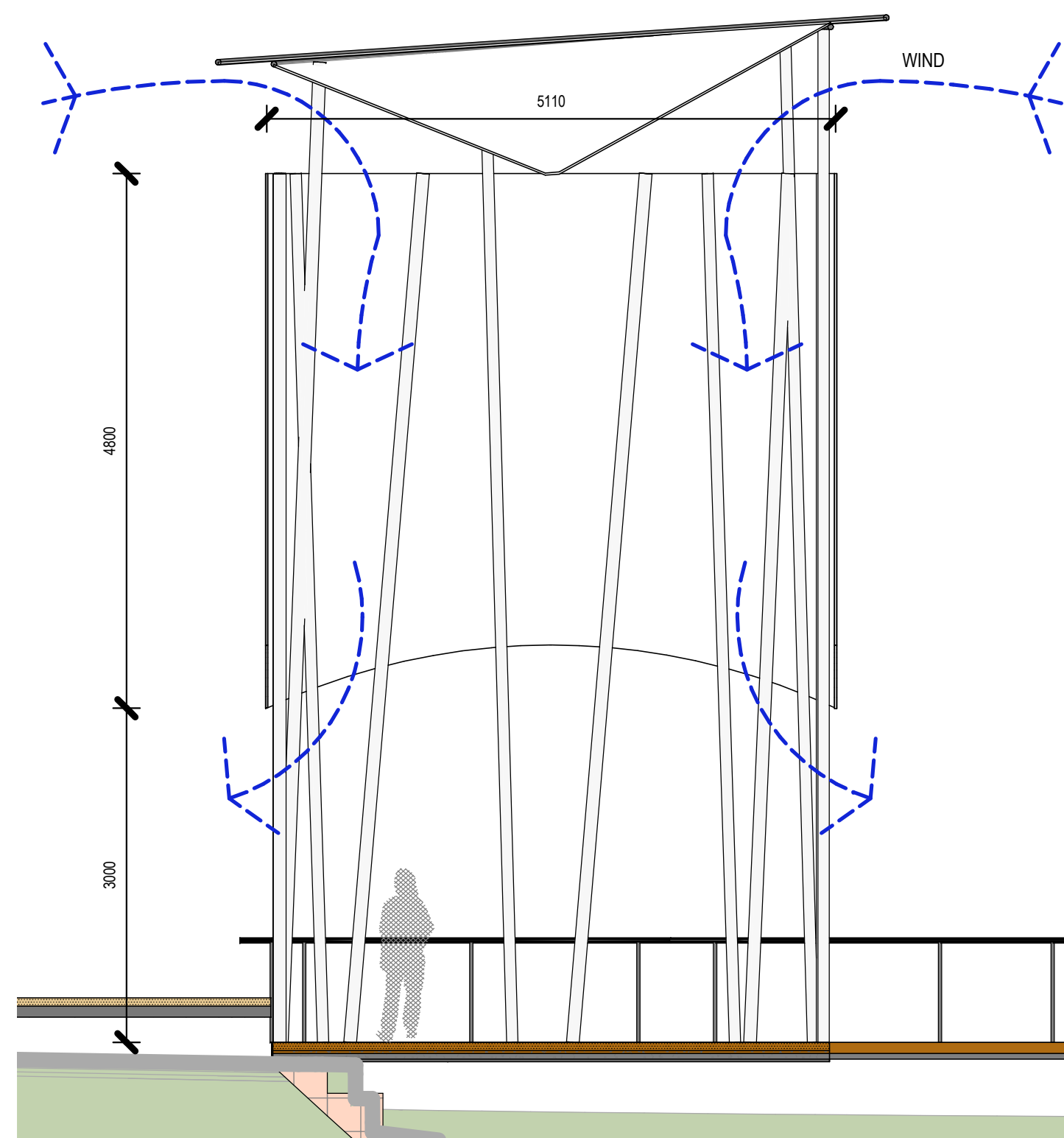
1 Pavilion plan
1 : 50



2 Pavilion front elevation
1 : 50



3 3D view pavilion



4 Pavilion section
1 : 50

Wayfinding Pavilion