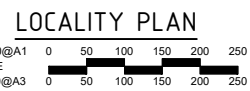
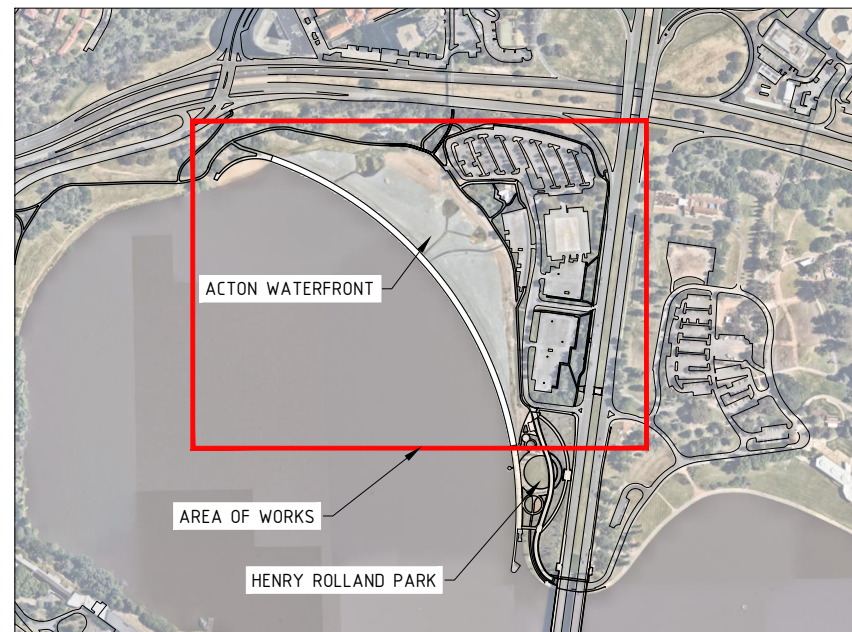


# ACTON WATERFRONT WORKS APPROVAL CITY RENEWAL AUTHORITY

## GENERAL NOTES:

1. ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM (AHD) AND ALL COORDINATES ARE TO STROMLO GRID COORDINATE.
2. ALL EXISTING SURFACE LEVELS SHOWN ON THE ENGINEERING DRAWINGS HAVE BEEN INTERPOLATED FROM A DIGITAL TERRAIN MODEL.
3. ALL WORK SHALL BE IN ACCORDANCE WITH TCC'S MUNICIPAL INFRASTRUCTURE DESIGN STANDARDS (MIS) AND MUNICIPAL TECHNICAL SPECIFICATIONS (MITS)
4. EXISTING SERVICES HAVE BEEN PLOTTED FROM SUPPLIED DATA. THE PRINCIPAL DOES NOT GUARANTEE THE ACCURACY OF THIS INFORMATION AND IT IS THE CONTRACTORS RESPONSIBILITY TO ESTABLISH THE LOCATION OF ALL EXISTING SERVICES PRIOR TO COMMENCING WORK. CLEARANCES SHALL BE OBTAINED FROM THE RELEVANT SERVICE AUTHORITIES.
5. PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL CONFIRM THE POSITION AND LEVEL OF ALL EXISTING SERVICE CONNECTION POINTS AND NOTIFY THE SUPERINTENDENT IMMEDIATELY IF A DISCREPANCY IS FOUND.
6. WHERE NEW WORK ABUTS EXISTING WORK THE CONTRACTOR SHALL ENSURE THAT A SMOOTH EVEN PROFILE, FREE FROM ABRUPT CHANGES IS OBTAINED.
7. ALL EARTHWORKS, BATTERS AND TRENCH LINES TO BE TOPSOILED WITH 100mm SITE TOPSOIL, TEMPORARY GRASSED & BITUMEN STRAW MULCHED.
8. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF ALL TEMPORARY SUPPORT OF EXISTING SERVICES DURING EXCAVATION OF TRENCHES TO THE SATISFACTION OF THE SERVICE OWNER/AUTHORITY.
9. THE GRADING AND RESULTANT EARTHWORKS ARE RESOLVED TO A LEVEL OF DETAIL TO CONFIRM THE WATERFRONT DESIGN CAN BE ACHIEVED IN ACCORDANCE WITH STATUTORY REQUIREMENTS. FINAL DESIGN OF THE GRADING AND EARTHWORKS WILL BE REFINED IN DETAIL DESIGN AND SUBSEQUENT DESIGN APPROVAL.



**WARNING**  
BEWARE OF UNDERGROUND/OVERHEAD SERVICES  
THE LOCATION OF SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN. SPECIAL CONSIDERATION SHOULD BE GIVEN TO CONSTRUCTION PROCEDURES UNDER OVERHEAD ELECTRICITY TRANSMISSION LINES.



file name: 310039CC001.dwg layout name: CC001, plotted by: Carl O'Ho file location: \\Spiire.com.au\cadata\Users\310039\Civil\A3\A3.dwg plot date: 09/06/2023 10:37 AM Sheet 1 of 27 Sheets

Rev	Amendments	Approved	Date
B	ISSUED FOR APPROVAL	CJC	08/06/23
A	ISSUED FOR APPROVAL	CJC	29/05/23



**spiire**

SUITE 3, LEVEL 1, 243 NORTHBOURNE AVENUE  
CANBERRA ACT 2601  
spiire.com.au ABN 55 050 029 635



Designed JB	Checked CO
Authorised SB	Date 29/05/2023

**ACTON WATERFRONT  
WORKS APPROVAL  
COVER SHEET  
SHEET 1**  
ACT  
CITY RENEWAL AUTHORITY

**PRELIMINARY** Drg No **310039CC001** Rev **B**

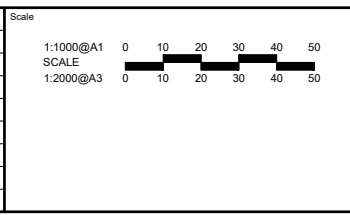


**LEGEND**

STAGE 1B BOUNDARY	
EXISTING ROAD / PATH	
EXISTING PLANTING - REFER LANDSCAPE ARCHITECTURE DRAWINGS	
EXISTING DECOMPOSED GRANITE - REFER ASPECT DRAWINGS	
PROPOSED CONCRETE PATH - REFER ASPECT DRAWINGS	
EXISTING ASPHALT PATH - REFER ASPECT DRAWINGS	
ACTON WATERFRONT PARK - REFER ASPECT DRAWINGS	
ARRIVAL PLAZA EXTENT - REFER ASPECT DRAWINGS	
PLAYSPACE PARK EXTENT - REFER ASPECT DRAWINGS	

file name: 310039CC006.dwg, layout name: CC006, plotted by: Jordan Breckon  
 file location: \\spire\canda\data\31\310039\CC006.dwg, date: 06/07/2020 1:36 PM, Sheet: 5 of 18 Sheets

Rev	Amendments	Approved	Date
A	ISSUED FOR APPROVAL	CJC	29/05/2023



System Certified

© Spiire Australia Pty Ltd All Rights Reserved  
 This document is produced by Spiire Australia Pty Ltd solely for the benefit of and use by the client in accordance with the terms of the retainer. Spiire Australia Pty Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by third party on the contents of this document.

SUITE 3, LEVEL 1, 243 NORTHBOURNE AVENUE  
 CANBERRA ACT 2601  
 spiire.com.au    ABN 55 050 029 635

CITY RENEWAL AUTHORITY

Designed JB	Checked CO
Authorised SB	Date 29/05/2023

**ACTON WATERFRONT WORKS APPROVAL**  
 GENERAL ARRANGEMENT PLAN - STAGE 1B  
 SHEET 2  
 ACT  
 CITY RENEWAL AUTHORITY

**PRELIMINARY**    Drg No: 310039CC006    Rev: A

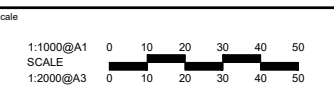


- LEGEND**
- STAGE 1B EXTENT OF WORKS - - - - -
  - STAGE 1B
- PROPOSED STAGE 1B WORKS:**

1. WATER SERVICING OF PROPOSED PAVILIONS REFER 310039CC410
2. SEWER SERVICING OF PROPOSED PAVILIONS REFER 310039CC410
3. DELIVERY OF LANDSCAPE WORKS WEST OF PRIMARY ARC PATH REFER ASPECT DRAWINGS FOR DETAILS
4. REALIGNMENT OF BARRINE DR REFER 310039CC210 FOR DETAILS.
5. DELIVERY OF ARRIVAL PLAZA AND SHARED USE PATH REFER ASPECT DRAWINGS FOR DETAILS
6. DELIVERY OF STORMWATER WITHIN THE BARRINE DR REALIGNMENT REFER TO DRAWING 310039CC413 FOR DETAILS.
7. DELIVERY OF UTILITIES AND SHARED TRENCH REFER 310039CC800 FOR DETAILS

file name: 310039CC026.dwg, layout name: CC026, plotted by: Jordan Brecken, file location: T:\31\310039\CC026\A3.dwg, plot date: 29/05/2023, 4:46 PM, Sheet 8 of 30 Sheets

Rev	Amendments	Approved	Date
A	ISSUED FOR APPROVAL	CJC	29/05/23



© Spiire Australia Pty Ltd All Rights Reserved  
This document is produced by Spiire Australia Pty Ltd solely for the benefit of and use by the client in accordance with the terms of the retainer. Spiire Australia Pty Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by third party on the contents of this document.



SUITE 3, LEVEL 1, 243 NORTHBOURNE AVENUE  
CANBERRA ACT 2601  
spiire.com.au ABN 55 050 029 635



Designed  
JB

Authorised  
SB

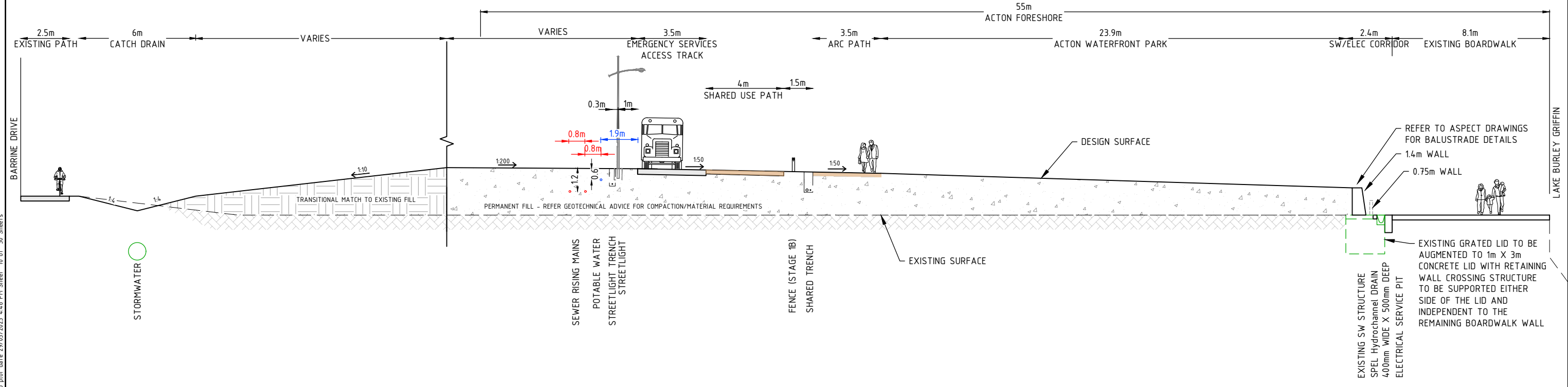
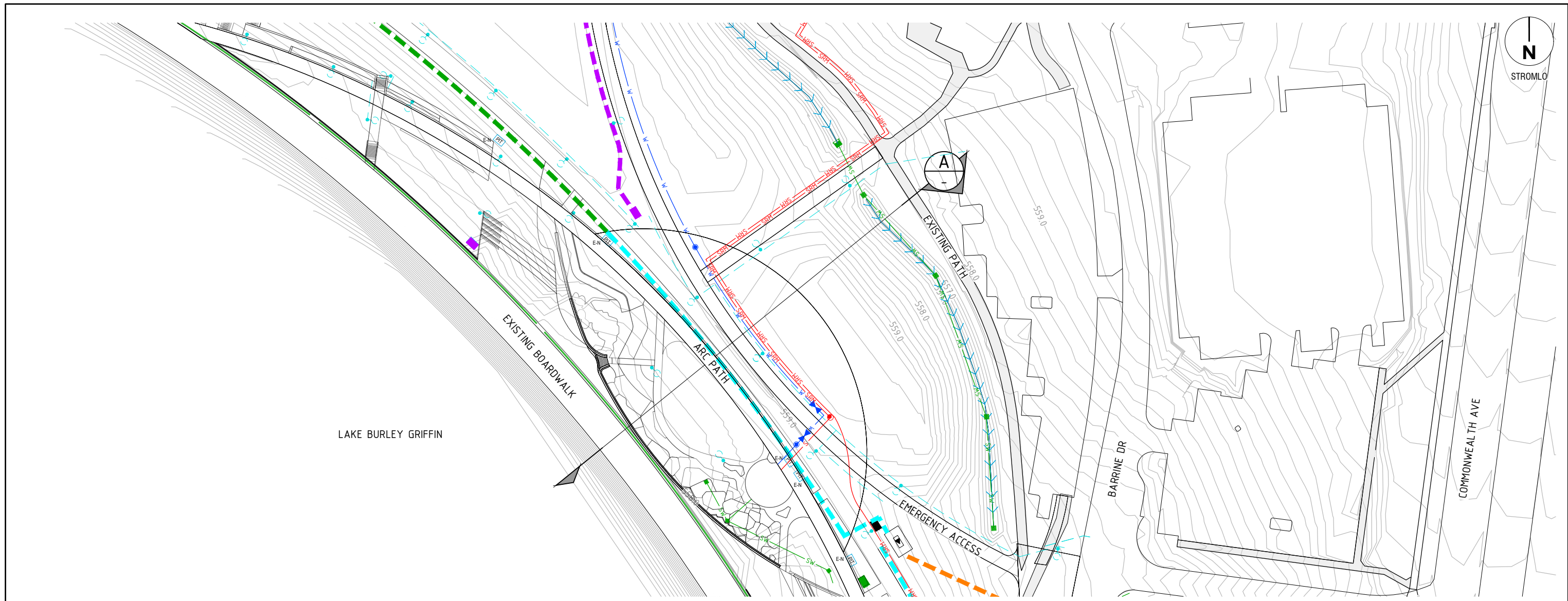
Checked  
CO

Date  
29/05/2023

**ACTON WATERFRONT  
WORKS APPROVAL  
STAGING PLAN - STAGE 1B  
SHEET 2**

ACT  
CITY RENEWAL AUTHORITY

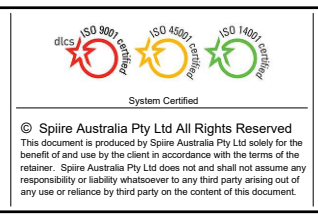
**PRELIMINARY** Drg No  
**310039CC026** Rev  
**A**



file name: 310039CC060.dwg, layout name: CC060, plotted by: Jordan Brecken, file location: T:\31\310039\CC060.dwg, plot date: 29/05/2023, 4:46 PM, Sheet 10 of 30, Sheets

Rev	Description	Approved	Date
A	ISSUED FOR APPROVAL	CJC	29/05/23
	Amendments		

Scale



**spiire**  
 SUITE 3, LEVEL 1, 243 NORTHBOURNE AVENUE  
 CANBERRA ACT 2601  
 spiire.com.au ABN 55 050 029 635

Designed  
 JB  
 Authorised  
 SB

Checked  
 CO  
 Date  
 29/05/2023

**ACTON WATERFRONT WORKS APPROVAL**  
 TYPICAL CROSS SECTIONS  
 SHEET 1  
 ACT  
 CITY RENEWAL AUTHORITY  
**PRELIMINARY** Drg No: 310039CC060 Rev: A

**LEGEND**

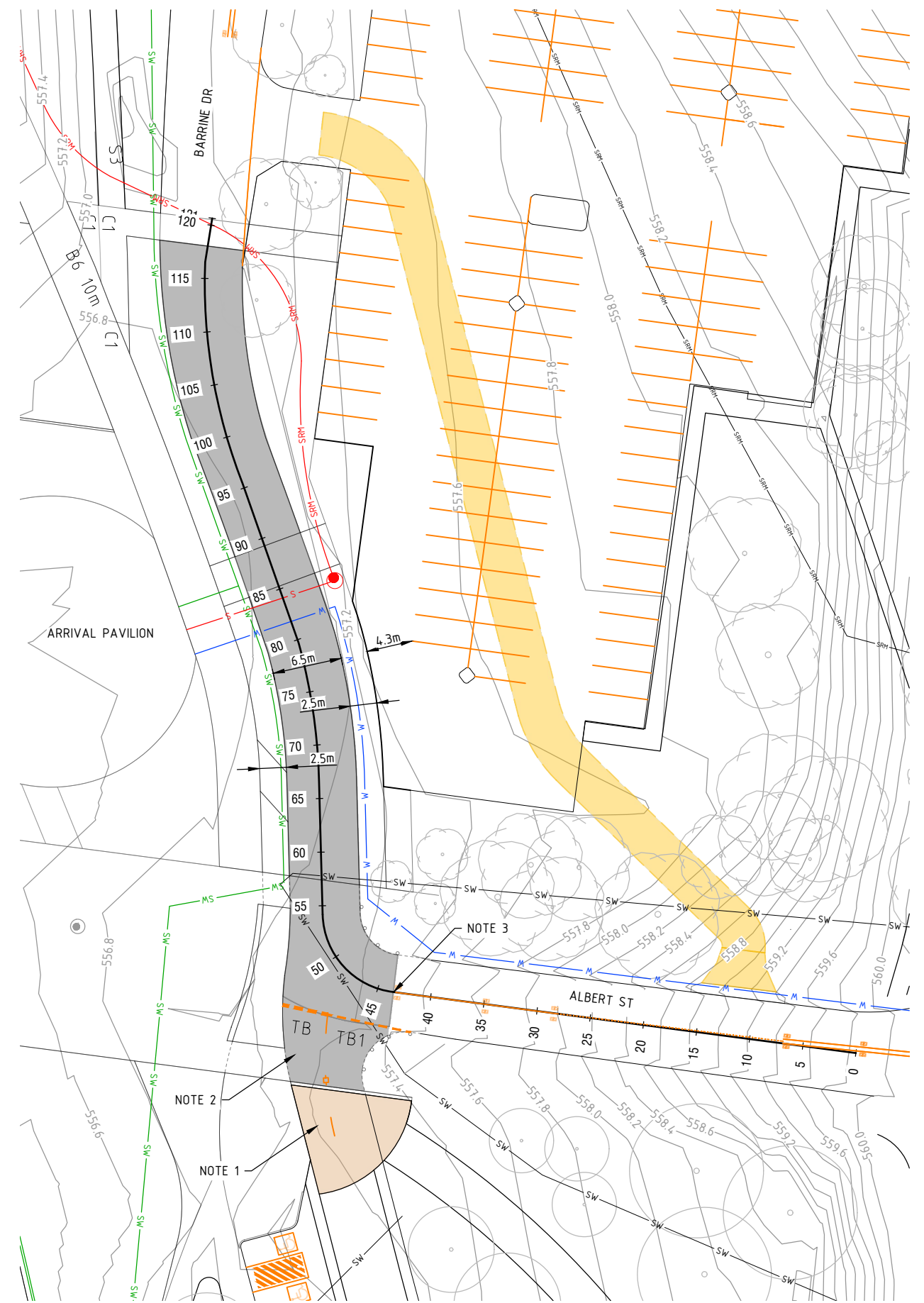
FINISHED SURFACE CONTOURS (0.2m INTERVAL)	
TEMPORARY CONSTRUCTION DIVERSION FOR HEAVY AND LIGHT VEHICLES (ONE-WAY ONLY) - STAGE 1B	
LINEMARKING	
SEWER RISING MAIN	
WATER	
EXISTING STORMWATER	
STORMWATER	

**NOTES**

1. GRANITE SETT ENTRY TO REMAIN.
2. EXISTING VEHICLE CROSSING AND DRIVEWAY TO BE REMOVED. FORMAL T-INTERSECTION TO BE CONSTRUCTED.
3. THE EXTENT OF DIVERSION WORKS FROM CH 43.5m TO CH 120.7m
4. FOR PAVEMENT FINISHES REFER ASPECT DRAWINGS

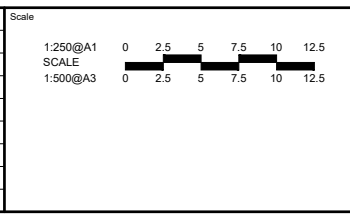
CHAINAGE	DESIGN CENTRELINE	EXISTING SURFACE	DIFFERENCE
43.500	557.300	557.293	0.007
54.194	557.114	557.055	0.059
55.882	557.092	557.042	0.050
60.000	557.126	557.015	0.111
66.728	557.200	556.972	0.228
79.664	557.268	556.890	0.368
80.000	557.270	556.888	0.382
87.285	557.178	556.841	0.336
92.285	556.906	556.824	0.173
92.891	557.002	556.823	0.178
95.359	556.946	556.827	0.119
97.285	556.900	556.834	0.066
100.000	556.900	556.848	0.052
116.533	556.938	556.931	0.007
120.000	556.944	556.948	-0.004
120.662	556.951	556.951	0.000

BARRINE DR REALIGNMENT



file name: 310039CC210.dwg, layout name: CC210, plotted by: Jordan Prentice, file location: \\spire\canberra\data\31\310039CC210\A3.dwg, plot date: 29/05/2023 4:48 PM, Sheet 14 of 30, Sheets

Rev	Description	Approved	Date
A	ISSUED FOR APPROVAL	CJC	29/05/23
	Amendments		



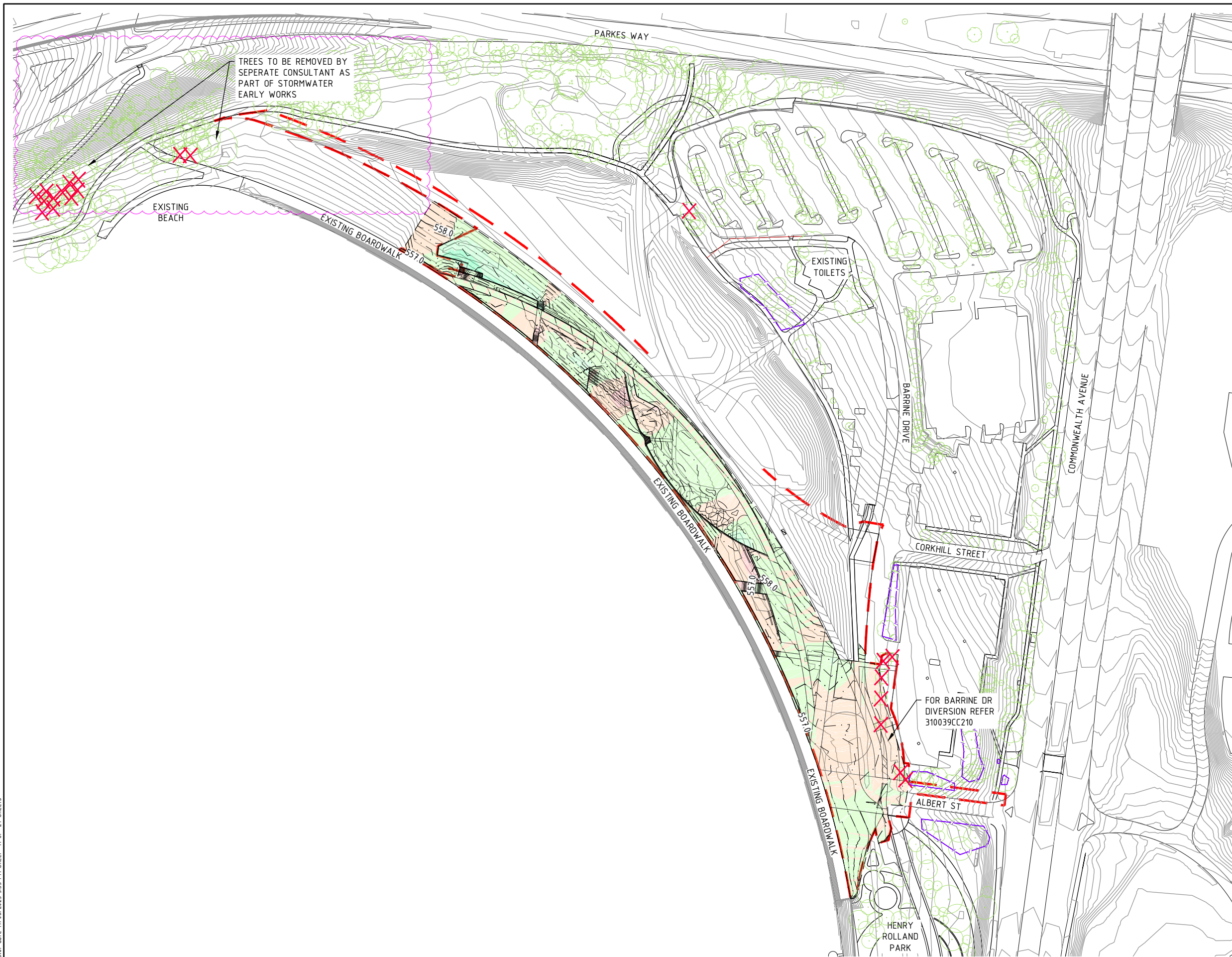
System Certified
   
 © Spiire Australia Pty Ltd All Rights Reserved
   
This document is produced by Spiire Australia Pty Ltd solely for the benefit of and use by the client in accordance with the terms of the retainer. Spiire Australia Pty Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by third party on the contents of this document.

SUITE 3, LEVEL 1, 243 NORTHBOURNE AVENUE
   
 CANBERRA ACT 2601
   
 spiire.com.au      ABN 55 050 029 635

 Designed JB	 Checked CO
Authorised SB	Date 29/05/2023

**ACTON WATERFRONT WORKS APPROVAL**  
 LONGITUDINAL SECTIONS  
 SHEET 1  
 ACT CITY RENEWAL AUTHORITY

**PRELIMINARY**      Drg No: 310039CC210      Rev: A



**LEGEND**

- EXTENT OF WORKS - - - - -
- EXISTING SURFACE CONTOURS (0.5m INTERVAL) — 620.0 —
- DESIGN SURFACE CONTOURS (0.2m INTERVAL) — . 620 . —
- EXISTING TREES ○
- EXISTING TREES TO BE REMOVED ✕
- EXISTING TREE TO BE PROTECTED □

CUT FILL DEPTH RANGE		
MIN DEPTH (m)	MAX DEPTH (m)	
-1.5	-1.0	
-1.0	-0.5	
-0.5	0.0	
0.0	0.5	
0.5	1.0	
1.0	1.5	
1.5	2.0	

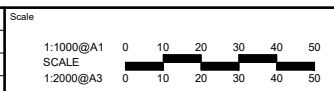
EARTHWORKS VOLUME BREAKDOWN	
CUT	-600m <sup>3</sup>
FILL	1,500m <sup>3</sup>
BALANCE	900m <sup>3</sup> (IMPORT)

**NOTES**

1. EARTHWORKS QUANTITIES ARE TAKEN FROM STAGE 1A DESIGN SURFACE TO STAGE 1B DESIGN SURFACE & DO NOT ACCOUNT FOR BOXING OF PATHS/TRACKS OR PLAYSPACE ELEMENTS
2. THE GRADING AND RESULTANT EARTHWORKS ARE RESOLVED TO A LEVEL OF DETAIL TO CONFIRM THE WATERFRONT DESIGN CAN BE ACHIEVED IN ACCORDANCE WITH STATUTORY REQUIREMENTS. FINAL DESIGN OF THE GRADING AND EARTHWORKS WILL BE REFINED IN DETAIL DESIGN AND SUBSEQUENT DESIGN APPROVAL
3. EXISTING SURFACE LEVELS SHOWN HAVE BEEN INTERPOLATED FROM A DIGITAL TERRAIN MODEL PROVIDED BY CITY RENEWAL AUTHORITY
4. REFER 310039CC240 FOR FILL EXTENTS PLAN
5. FOR PARK DETAILS REFER ASPECT DRAWINGS

file name: 310039CC200.dwg, layout name: CC201, plotted by: Jordan Brecken, file location: T:\31\310039\Civil\ALCAD\plot\_date: 17/08/2023 5:55 PM, Sheet 11 of 27 Sheets

Rev	Amendments	Approved	Date
E	TREES TO BE REMOVED UPDATED	BC	17/08/23
D	EXTENT OF TREES TO BE REMOVED IN NORTH WEST CONER AMENDED	CJC	16/08/23
C	EXTENT OF TREES TO BE REMOVED IN NORTH WEST CONER AMENDED	CJC	15/08/23
B	TREES IN NORTH WEST CORNER TO BE REMOVED	CJC	15/06/23
A	ISSUED FOR APPROVAL	CJC	29/05/23



System Certified

© Spiire Australia Pty Ltd All Rights Reserved  
This document is produced by Spiire Australia Pty Ltd solely for the benefit of and use by the client in accordance with the terms of the retainer. Spiire Australia Pty Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by third party on the contents of this document.

SUITE 3, LEVEL 1, 243 NORTHBOURNE AVENUE  
CANBERRA ACT 2601  
spiire.com.au ABN 55 050 029 635

Designed  
JB

Authorised  
SB

Checked  
CO

Date  
29/05/2023

**ACTON WATERFRONT WORKS APPROVAL**  
GRADING PLAN - STAGE 1B  
SHEET 2  
ACT  
CITY RENEWAL AUTHORITY

310039CC201

Rev E



**LEGEND**

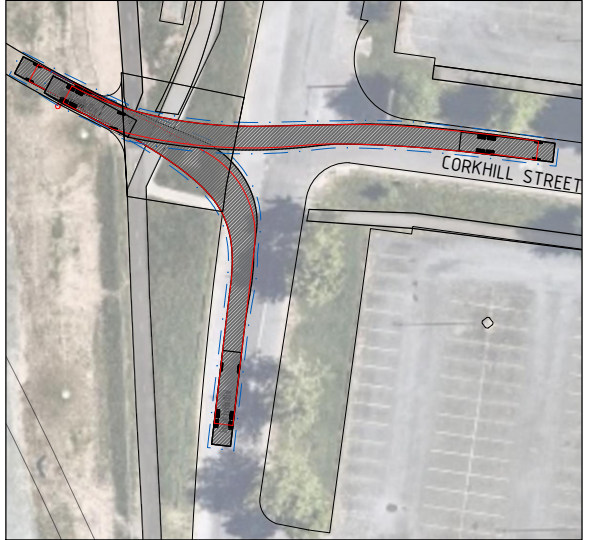
- 4m TEMPORARY 1 WAY ACCESS FOR CONSTRUCTION DURATION OF REALIGNMENT
- PROPOSED TEMPORARY PATH CONNECTION ROUTE FOR BARRINE DR REALIGNMENT WOKRS
- PROPOSED PLANTING EXTENTS - REFER ASPECT DRAWINGS
- PROPOSED CONCRETE PATH - REFER ASPECT DRAWINGS
- EXISTING ASPHALT PATH - REFER ASPECT DRAWINGS
- PROPOSED DECOMPOSED GRANITE LOCATIONS - REFER ASPECT DRAWINGS
- WATERFRONT PARK - REFER ASPECT DRAWINGS
- ARRIVAL PLAZA EXTENT - REFER ASPECT DRAWINGS
- PLAYSPACE PARK EXTENT - REFER ASPECT DRAWINGS

**NOTES:**

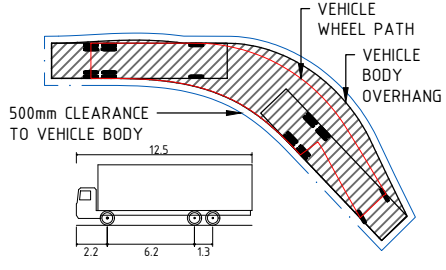
1. REFER TO DRAWING 310039CC080 FOR DECOMPOSED GRANITE PATH DETAILS
2. REFER TO DRAWING 310039CC080 FOR TYPICAL REINFORCED VEHICLE CROSSING DETAIL



**EMERGENCY SERVICE ACCESS TURNING MOVEMENT - 12.5m VEHICLE**



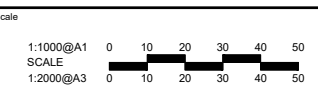
**EMERGENCY SERVICE ACCESS TURNING MOVEMENT - 12.5m VEHICLE**



SINGLE UNIT TRUCK/BUS (12.5m)	
OVERALL LENGTH	12.5m
OVERALL WIDTH	2.5m
OVERALL BODY HEIGHT	4.3m
MIN BODY GROUND CLEARANCE	0.49m
TRACK WIDTH	2.5m
LOCK-TO-LOCK TIME	6.0s
KERB TO KERB TURNING RADIUS	12.5m

file name: 310039CC300.dwg, layout name: CC300, plotted by: Jordan Brecken, file location: T:\31\310039\CC300\A3.dwg, plot date: 29/05/2023, 4:50 PM, Sheet 18 of 30 Sheets

Rev	Amendments	Approved	Date
A	ISSUED FOR APPROVAL	CJC	29/05/2023



System Certified
   
 © Spiire Australia Pty Ltd All Rights Reserved
   
This document is produced by Spiire Australia Pty Ltd solely for the benefit of and use by the client in accordance with the terms of the retainer. Spiire Australia Pty Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by third party on the contents of this document.



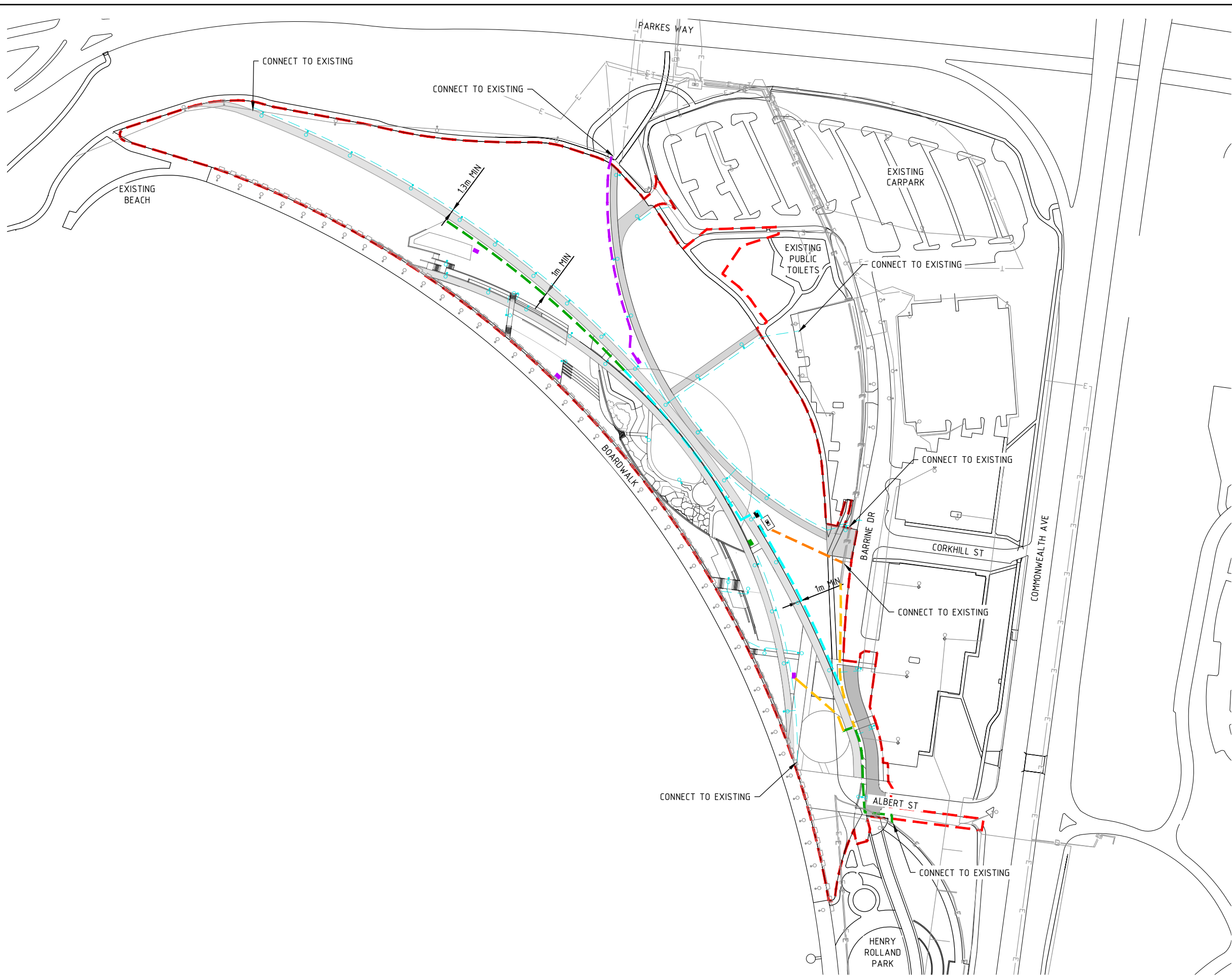
SUITE 3, LEVEL 1, 243 NORTHBOURNE AVENUE  
CANBERRA ACT 2601  
spiire.com.au ABN 55 050 029 635



Designed: JB  
 Authorised: SB  
 Checked: CO  
 Date: 29/05/2021

**ACTON WATERFRONT WORKS APPROVAL PATH & ACCESS PLAN SHEET 1**  
ACT CITY RENEWAL AUTHORITY

**PRELIMINARY** Drg No: 310039CC300 Rev: A



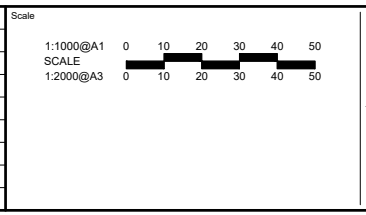
**LEGEND**

EXTENT OF WORKS	
EXISTING ROAD / PATH	
ASPHALT PATH - REFER ASPECT DRAWINGS	
EXISTING COMMS	
EXISTING ELECTRICAL	
EXISTING STREETLIGHT CABLE	
EXISTING STREETLIGHT	
SHARED TRENCH (ELEC)	
SHARED TRENCH (NBN, STREETLIGHT)	
SHARED TRENCH (ELEC, STREETLIGHT)	
SHARED TRENCH (ELEC, STREETLIGHT, COMMS)	
SHARED TRENCH (ELEC, STREETLIGHT, COMMS, NBN)	
STREETLIGHT CABLE	
STREETLIGHT	
POWER BOX	
SUBSTATION	
STREETLIGHT CONTROL CUBICLE	
WATERPLAY CONTROL BOARD	

- NOTES:**
1. FOR SHARED TRENCH, ELECTRICAL AND STREETLIGHT DETAILS REFER TO ACOR DRAWINGS
  2. REFER DRAWING 310039CC802 FOR TRENCH DETAILS
  3. STREETLIGHT COLUMNS TO BE MINIMUM 1m OFFSET FROM ACCESS TRACK AND PATHS

file name: 310039CC800.dwg; layout name: CC801; plotted by: Jordan Braxton; plot date: 29/05/2023; 4:52 PM; Sheet 25 of 30 Sheets

Rev	Amendments	Approved	Date
A	ISSUED FOR APPROVAL	CJC	29/05/23



System Certified

© Spiire Australia Pty Ltd All Rights Reserved  
 This document is produced by Spiire Australia Pty Ltd solely for the benefit of and use by the client in accordance with the terms of the retainer. Spiire Australia Pty Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by third party on the content of this document.

SUITE 3, LEVEL 1, 243 NORTHBOURNE AVENUE  
 CANBERRA ACT 2601  
 spiire.com.au ABN 55 050 029 635

Designed  
 JB

Authorised  
 SB

CITY RENEWAL AUTHORITY

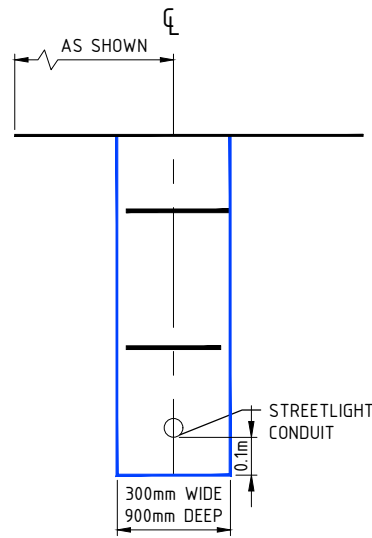
Checked  
 CO

Date  
 29/05/2023

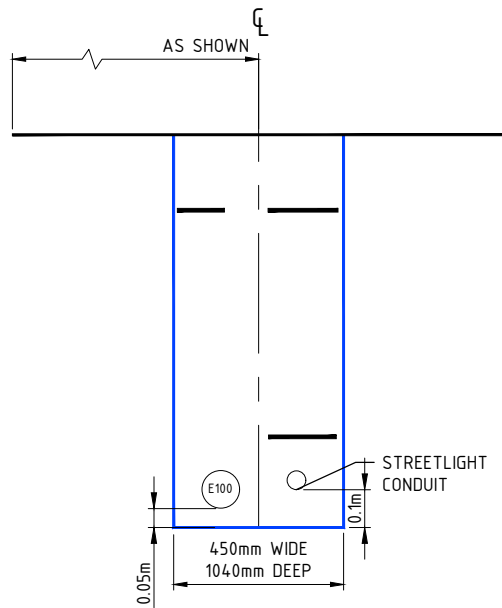
**ACTON WATERFRONT WORKS APPROVAL**  
**UTILITIES SHARED TRENCH PLAN - STAGE 1B**  
**SHEET 2**  
 ACT CONSTRUCTION CERTIFICATE

**PRELIMINARY** Dwg No **310039CC801** Rev **A**

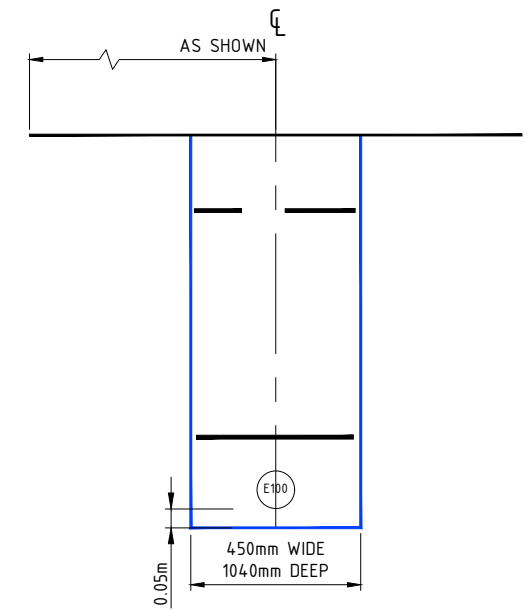




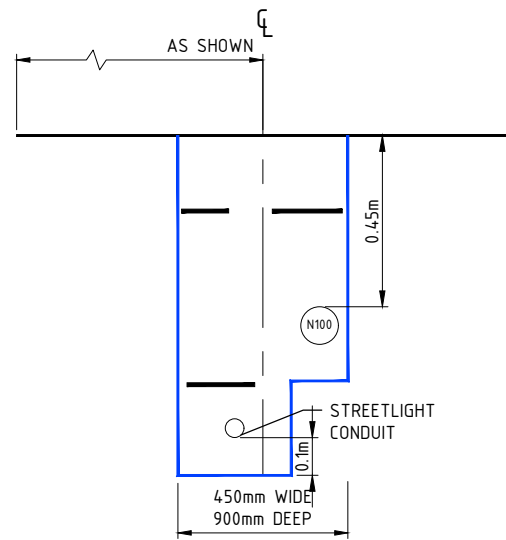
TYPICAL STREETLIGHT TRENCH DETAIL -  
(1 x 25φ STREETLIGHT)  
SCALE 1:10 @ A1



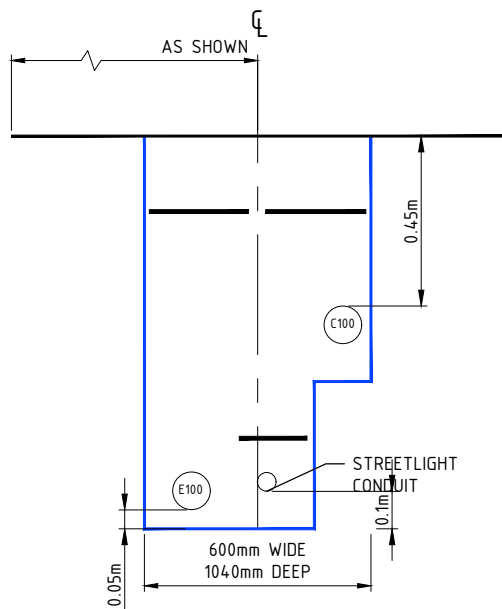
TYPICAL SHARED TRENCH DETAIL -  
(1 x 100φ ELECTRICAL, 1 x 25φ STREETLIGHT)  
SCALE 1:10 @ A1



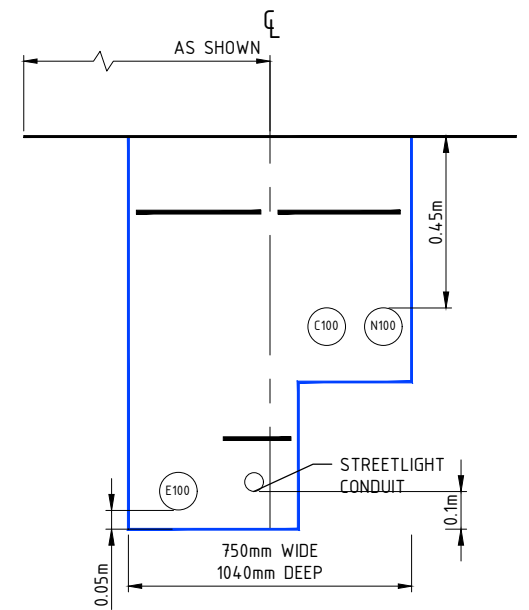
TYPICAL SHARED TRENCH DETAIL -  
(1 x 100φ ELECTRICAL)  
SCALE 1:10 @ A1



TYPICAL SHARED TRENCH DETAIL -  
(1 x 100φ NBN CONDUIT, 1 x 25φ STREETLIGHT)  
SCALE 1:10 @ A1



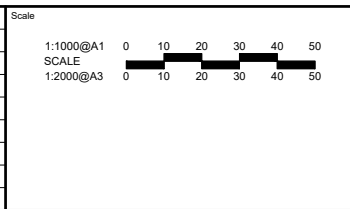
TYPICAL SHARED TRENCH DETAIL -  
(1 x 100φ ELECTRICAL, 1 x 100φ COMMS, 1 x  
25φ STREETLIGHT)  
SCALE 1:10 @ A1



TYPICAL SHARED TRENCH DETAIL -  
(1 x 100φ ELECTRICAL, 1 x 100φ COMMS, 1 x  
100φ NBN, 1 x 25φ STREETLIGHT)  
SCALE 1:10 @ A1

File name: 310039CC802.dwg; Layout name: CC802; Plotted by: Jordan Brasher; Plot date: 29/05/2023; 4:52 PM; Sheet 26 of 30 Sheets

Rev	Amendments	Approved	Date
A	ISSUED FOR APPROVAL	CJC	29/05/23



System Certified

© Spiire Australia Pty Ltd All Rights Reserved  
This document is produced by Spiire Australia Pty Ltd solely for the benefit of and use by the client in accordance with the terms of the retainer. Spiire Australia Pty Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by third party on the content of this document.

SUITE 3, LEVEL 1, 243 NORTHBOURNE AVENUE  
CANBERRA ACT 2601  
spiire.com.au ABN 55 050 029 635

Designed JB	Checked CO
Authorised SB	Date 29/05/2023

**ACTON WATERFRONT WORKS APPROVAL**  
UTILITIES SHARED TRENCH PLAN - DETAILS  
SHEET 3  
ACT CONSTRUCTION CERTIFICATE

**PRELIMINARY** Dwg No **310039CC802** Rev **A**

**GENERAL NOTES**

- THIS DRAWING PRESENTS TYPICALS ONLY THE EROSION CONTROL PRINCIPLES REQUIRED FOR WORKS WITHIN DENMAN PROSPECT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DESIGN, CONSTRUCT AND MAINTAIN TEMPORARY EROSION CONTROL MEASURES TO COMPLY WITH THE REQUIREMENTS OF MANAGING URBAN STORMWATER, SOILS AND CONSTRUCTION, 4TH EDITION. 2004.

**PRE CONSTRUCTION PHASE**

- CONSTRUCT STABILISED DRIVEWAY ENTRANCE IN ACCORDANCE WITH SD6-14
- CONSTRUCT SEDIMENT BASINS, DIVERSION CATCH DRAINS, DIVERSION BANKS OR OTHER DIVERSION WORKS AS REQUIRED.
- INSTALL OTHER EROSION MEASURES AS REQUIRED.

**CONSTRUCTION PHASE**

- NO STOCKPILES, HAUL ROADS OR TRACKS ARE TO BE ESTABLISHED IN AREAS OTHER THAN THOSE SPECIFIED IN THE DOCUMENTS AND AS SHOWN ON THE PLAN UNLESS APPROVED BY THE SUPERINTENDANT. THE WORKS SHALL BE PLANNED TO ENSURE THAT A MINIMUM AREA OF THE SITE IS DISTURBED AT ANY ONE TIME.
- ALL EARTHWORKS SHALL BE CARRIED OUT EXPEDITIOUSLY AND IN ACCORDANCE WITH CHAPTER 7 OF THE BLUE BOOK TO ENSURE MAXIMUM ACCEPTABLE C-FACTORS ARE ACHIEVED AT NOMINATED TIMES DURING THE WORKS.
- ALL AREAS OF THE SITE BEYOND EARTHWORKS AND DRAINAGE WORKS LIMITS DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE REVEGETATED IMMEDIATELY AND AT THE CONTRACTOR'S EXPENSE.
- STOCKPILES TO BE CONSTRUCTED IN ACCORDANCE WITH SD 4-1.
- ALL TRUCKS EXPORTING MATERIALS OFF SITE SHALL HAVE THE LOAD COVERED.

**POST CONSTRUCTION PHASE**

- FILL DIVERSIONS AND STABILISE DISTURBED AREAS.
- SILT FENCES FOR BLOCKS AND STABILISED DRIVEWAY ENTRANCES ARE TO REMAIN AFTER CONSTRUCTION.

**SEDIMENT CONTROL NOTES**

- SEDIMENT AND EROSION CONTROL DEVICES TO BE INSTALLED AND FULLY OPERATIONAL PRIOR TO STRIPPING OF SITE TOPSOIL.
- STOCK PILE/S TO BE LOCATED AWAY FROM DRAINAGE LINES AND SURFACE FLOW PATHS. CONTOURED STRIATIONS OR FURROWS TO BE PROVIDED TO STOCK PILES TO MINIMISE EROSION.
- STABILISED CONSTRUCTION ENTRANCE TO BE CONSTRUCTED PRIOR TO ACCESS TO SITE BY CONSTRUCTION VEHICLES. AGGREGATE TO BE TURNED WHEN SEDIMENT BUILDS UP.
- TOTAL SITE AREA IS 3.82ha.
- TOTAL DISTURBED AREA IS 3.67ha.
- CONTRACTOR IS TO ESTABLISH A MAINTENANCE PROGRAM FOR SEDIMENT AND EROSION CONTROL DEVICES TO ENSURE INSPECTION PRIOR TO RAIN (BASED ON THE 3-DAY BOM FORECAST) AND AFTER RAIN AND ENSURE ANY REPAIRS NECESSARY ARE QUICKLY ATTENDED TO.
- LIMIT ACCESS TO SITE DURING AND IMMEDIATELY AFTER WET WEATHER.
- REGULARLY REMOVE ANY SOIL FROM ROADS ADJACENT TO THE SITE.
- NO STORAGE OF CONSTRUCTION MATERIALS, PARKING OF VEHICLES NOR EQUIPMENT PERMITTED IN VERGES OR OPEN SPACE.
- NO SITE SHEDS, STORAGE SHEDS, SITE AMENITIES TO BE ERECTED ON VERGES OR OPEN SPACE.
- PROVIDE KERBSIDE FILTER ROLL TO EXISTING DOWNSTREAM SUMPS IN ACCORDANCE WITH SD 6-11.
- EXCESS SOIL IS TO BE DISPOSED AT A LOCATION APPROVED BY SUPERINTENDANT. ALL BUILDING MATERIAL AND WASTE STOCKPILES SHALL BE LOCATED WITHIN A WASTE ENCLOSURE OR WASTE CONTAINMENT AREA ON THE SITE.

**SEDIMENT BASINS**

- SEDIMENT BASINS SHALL BE FULLY MAINTAINED BY THE CONTRACTOR UNTIL THE DISTURBED CATCHMENT AREA IS PROTECTED AGAINST EROSION BY PERMANENT STABILISATION.
- THE SEDIMENT BASIN SHALL BE CLEANED OUT WHEN THE SEDIMENT STORAGE REACHES 90% OF CAPACITY.
- THE EMBANKMENT SHALL BE STABILISED WITH HESSIAN TEMPORARILY.
- SUPERINTENDANT TO BE ADVISED OF PROPOSED POND DISCHARGE PRIOR TO DISCHARGE.
- BASINS TO BE GRASSED.

**MAINTENANCE SCHEDULE (MINIMUM)**

**MONTHLY:**

- TURN OVER STABILISED CONSTRUCTION ENTRY MATERIAL AND TOP UP AS REQUIRED.

**WEEKLY:**

- CHECK AND REINSTATE SILT CONTROL DEVICES.
- MONITOR CONDITION AND STORAGE VOLUMES OF ALL SEDIMENT AND TEMPORARY SEDIMENT BASINS

**DAILY:**

- SWEEP AND REMOVE ANY DIRT TRACKED ONTO PUBLIC ROADS BY VEHICLES. ALL NECESSARY STEPS SHOULD BE TAKEN THAT ARE PRACTICAL AND REASONABLE TO MINIMISE DUST POLLUTION FROM THE SITE.
- CHECK WEATHER REPORT AT WWW.BOM.GOV.AU FOR ANTICIPATED PRECIPITATION.

**DUST MANAGEMENT**

- A WATER CART/S OR SUFFICIENT WATER SPRAYS SHALL BE MADE AVAILABLE IN DRY AND WINDY CONDITIONS TO MAINTAIN DUST SUPPRESSION.
- WATER SHALL BE APPLIED TO SUPPRESS DUST FROM OPEN EARTHWORKS.
- STOCKPILES SHALL BE EITHER COVERED OR SEEDED TO PREVENT DUST.
- AREAS OF COMPLETED EARTHWORKS SHALL BE PROGRESSIVELY REHABILITATED WITH DRYLAND GRASS AND FENCED OFF AS SOON AS PRACTICABLE TO PREVENT FURTHER EROSION.
- IN THE EVENT OF HIGH WINDS, WHERE DUST CANNOT BE CONTROLLED, WORK SHALL CEASE IMMEDIATELY.

**CONTROL OF WASTE**

- ALL BUILDING MATERIAL AND WASTE STOCKPILES MUST BE LOCATED ON SITE. THE WASTE ENCLOSURE IS TO BE USED AND IS TO BE CAPABLE OF HOLDING ALL WASTES ON SITE UNTIL THEY CAN BE DISPOSED OF IN AN APPROPRIATE MANNER.










**DESIGN BASIS**

- THE PRINCIPLES OF THESE PLANS ARE BASED ON THE MANAGING URBAN STORMWATER, SOILS AND CONSTRUCTION, 4TH EDITION. 2004 GUIDELINES.

**LIST OF STANDARD DRAWINGS (REFER TO MANAGING URBAN STORMWATER, SOILS AND CONSTRUCTION, 4TH EDITION. 2004)**

- SD 4.1 STOCKPILES
- SD 4.2 REPLACING TOPSOIL
- SD 5.4 ROCK CHECK DAM
- SD 5.5 EARTH BANK (LOW FLOW)
- SD 5.6 EARTH BANK (HIGH FLOW)
- SD 6.3 EARTH BASIN (DRY)
- SD 6.6 INFILTRATION SUMP
- SD 6.7 STRAW BALE FILTER
- SD 6.8 SEDIMENT FENCE
- SD 6.11 MESH + GRAVEL INLET FILTER
- SD 6.12 GEOTEXTILE INLET FILTER
- SD 6.14 STABILISED SITE ACCESS

**LEGEND**

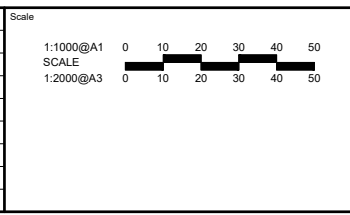
- FINISHED SURFACE CONTOURS  
-0.2m MINOR INTERVAL 
- EXISTING TREE 
- EXISTING TREE TO BE PROTECTED 
- STABILISED ACCESS 
- SITE STOCKPILE 
- TEMPORARY CONSTRUCTION FENCE 
- SILT FENCE 
- EXISTING TEMPORARY SEDIMENT BASIN 
- DISTURBED AREA CATCHMENT 

**TABLE 1: SILT FENCE DESIGN CRITERIA**

SLOPE STEEPNESS %	SLOPE LENGTH (m) (MAXIMUM)	SPACING OF RETURNS (m)	SILT FENCE LENGTH (m) (MAXIMUM)
FLATTER THAN 2%	UNLIMITED	N/A	UNLIMITED
2-10%	40	60	300
10-20%	30	50	230
20-33%	20	40	150
33-50%	15	30	75
>50%	6	20	40

file name: 310039CC850.dwg, layout name: CCE50, plotted by: Jordan Brecken, file location: T:\31\310039\Civil\A\CAD\plot\_date: 29/05/2023, 4:53 PM, Sheet: 27 of 30 Sheets

Rev	Issued For Approval	CJC	29/05/23
A	ISSUED FOR APPROVAL	CJC	29/05/23
Rev	Amendments	Approved	Date



Designed JB	Checked CO
Authorised SB	Date 29/05/2023

**ACTON WATERFRONT WORKS APPROVAL**  
**ENVIRONMENTAL CONTROLS CONCEPT PLAN**  
**SHEET 1**  
 ACT  
 CITY RENEWAL AUTHORITY

**PRELIMINARY** Drg No **310039CC850** Rev **A**