

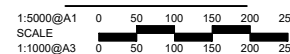
# ACTON WATERFRONT WORKS APPROVAL CITY RENEWAL AUTHORITY

## 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.



LOCALITY PLAN



## DRAWING SCHEDULE

DRAWING	DESCRIPTION	SHEET No.	REVISION
CC001	COVER SHEET - SHEET 1	1	B
CC005	GENERAL ARRANGEMENT PLAN - SHEET 1	2	A
CC006	GENERAL ARRANGEMENT PLAN - SHEET 2	3	A
CC020	CONSTRUCTION MANAGEMENT PLAN - SHEET 1	4	A
CC021	CONSTRUCTION MANAGEMENT PLAN - SHEET 2	5	A
CC025	STAGING PLAN - SHEET 1	6	A
CC026	STAGING PLAN - SHEET 2	7	A
CC030	DEMOLITION PLAN - SHEET 1	8	B
CC060	TYPICAL CROSS SECTIONS - SHEET 1	9	A
CC200	GRADING PLAN - SHEET 1	10	A
CC201	GRADING PLAN - SHEET 2	11	A
CC210	LONGITUDINAL SECTIONS - SHEET 1	12	A
CC240	CROSS SECTIONS - SHEET 1	13	A
CC241	CROSS SECTIONS - SHEET 2	14	A
CC242	CROSS SECTIONS - SHEET 3	15	A
CC300	PATH & ACCESS PLAN - SHEET 1	16	A
CC410	HYDRAULICS - SHEET 1	17	B
CC411	HYDRAULICS - SHEET 2	18	B
CC412	HYDRAULICS - SHEET 3	19	B
CC413	HYDRAULICS - SHEET 4	20	B
CC800	TRENCH MANAGEMENT & CONDUIT LAYOUT - SHEET 1	21	A
CC801	TRENCH MANAGEMENT & CONDUIT LAYOUT - SHEET 2	22	A
CC802	TRENCH MANAGEMENT & CONDUIT LAYOUT - SHEET 3	23	A
CC850	ENVIRONMENTAL CONTROLS CONCEPT PLAN - SHEET 1	24	A
CC851	ENVIRONMENTAL CONTROLS CONCEPT PLAN - SHEET 2	25	A
CC900	TRAFFIC CONTROL DEVICES - SHEET 1	26	A
CC901	TRAFFIC CONTROL DEVICES - SHEET 2	27	A

### WARNING

**BWARE 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'Hip file location: \\Spiire.com.au\CadData\Users\310039\Civil\CAD\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

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Authorised: SB  
Checked: CO  
Date: 29/05/2023

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

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



**LEGEND**

- STAGE 1A BOUNDARY
- PLANTING - REFER ASPECT DRAWINGS
- COMPACTED ROAD BASE - REFER ASPECT DRAWINGS
- ASPHALT PATH - REFER ASPECT DRAWINGS
- WALLS

file name: 310039CC005.dwg, layout name: CC005, plotted by: Jordan Breckon, file location: T:\31\310039\CC005.dwg, plot date: 29/05/2023, 4:45 PM, Sheet 3 of 30 Sheets

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

Scale

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SCALE  
1:2000@A3

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29/05/2023

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

**PRELIMINARY** Drg No: 310039CC005 Rev: A



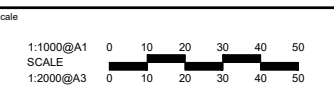
**LEGEND**

STAGE 1A EXTENT OF WORKS	---
STAGE 1A	■
750mm PERMANENT WALL	—
750mm TEMPORARY WALL	—
1400mm PERMANENT WALL	—
1400mm TEMPORARY WALL	—

- PROPOSED STAGE 1A WORKS:**
1. BULK EARTHWORKS TO EXTENT SHOWN
  2. PROPOSED SPEL Hydrochannel ALONG EXISTING BOARDWALK REFER 310039CC411
  3. STORMWATER HYDRAULIC DESIGN REFER 310039CC411
  4. PROPOSED ASPHALT EMERGENCY SERVICES TRACK REFER 310039CC300
  5. PROPOSED DECOMPOSED GRANITE STABILISED PATHS REFER 310039CC300
  6. PROPOSED WALLS REFER 310039CC200

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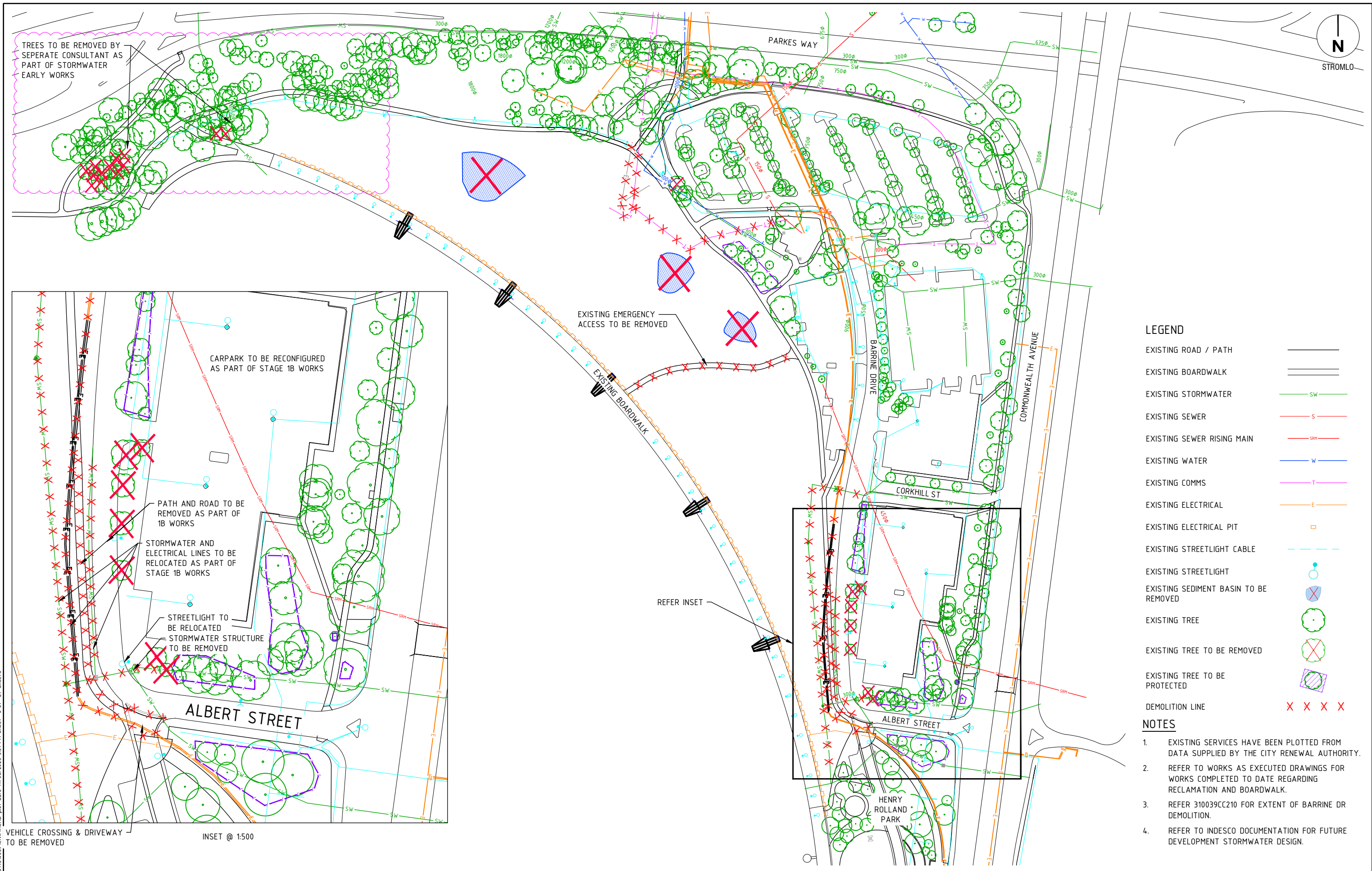
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**ACTON WATERFRONT WORKS APPROVAL**  
 STAGING PLAN - STAGE 1A  
 SHEET 1  
 ACT  
 CITY RENEWAL AUTHORITY

**PRELIMINARY**    Drg No: 310039CC025    Rev: A



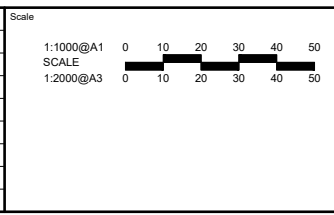
**LEGEND**

EXISTING ROAD / PATH	—
EXISTING BOARDWALK	—
EXISTING STORMWATER	— SW —
EXISTING SEWER	— S —
EXISTING SEWER RISING MAIN	— SRM —
EXISTING WATER	— W —
EXISTING COMMS	— T —
EXISTING ELECTRICAL	— E —
EXISTING ELECTRICAL PIT	□
EXISTING STREETLIGHT CABLE	—
EXISTING STREETLIGHT	○
EXISTING SEDIMENT BASIN TO BE REMOVED	⊗
EXISTING TREE	○
EXISTING TREE TO BE REMOVED	⊗
EXISTING TREE TO BE PROTECTED	⊠
DEMOLITION LINE	X X X X

- NOTES**
- EXISTING SERVICES HAVE BEEN PLOTTED FROM DATA SUPPLIED BY THE CITY RENEWAL AUTHORITY.
  - REFER TO WORKS AS EXECUTED DRAWINGS FOR WORKS COMPLETED TO DATE REGARDING RECLAMATION AND BOARDWALK.
  - REFER 310039CC210 FOR EXTENT OF BARRINE DR DEMOLITION.
  - REFER TO INDESCO DOCUMENTATION FOR FUTURE DEVELOPMENT STORMWATER DESIGN.

file name: 310039CC030.dwg, layout name: CC030, plotted by: Jordan Breckton  
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Rev	Amendments	Approved	Date
F	TREES TO BE REMOVED UPDATED	BC	17/08/23
E	EXTENT OF TREES TO BE REMOVED IN NORTH WEST CONER AMENDED	CJC	16/08/23
D	EXTENT OF TREES TO BE REMOVED IN NORTH WEST CONER AMENDED	CJC	15/08/23
C	TREES IN NORTH WEST CORNER TO BE REMOVED & SEDMIENT BASINS REMOVED	CJC	14/06/23
B	UPDATE LEGEND	CJC	06/06/23
A	ISSUED FOR APPROVAL	CJC	29/05/23



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CITY RENEWAL AUTHORITY

Designed: JB  
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 Checked: CO  
 Date: 29/05/2023

**ACTON WATERFRONT WORKS APPROVAL**  
**DEMOLITION PLAN**  
**SHEET 1**  
 ACT CITY RENEWAL AUTHORITY

Drg No: **310039CC030**  
 Rev: **F**



**LEGEND**

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

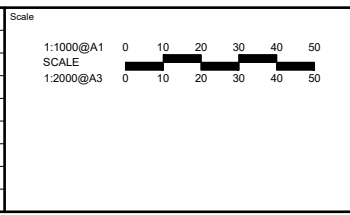
CUT FILL DEPTH RANGE		
MIN DEPTH (m)	MAX DEPTH (m)	
-2.0	0.0	
0.0	0.5	
0.5	1.0	
1.0	1.5	
1.5	2.0	
2.0	2.5	
2.5	3.0	
3.0	3.5	

EARTHWORKS VOLUME BREAKDOWN	
CUT	-500m <sup>3</sup>
FILL	56,500m <sup>3</sup>
BALANCE	56,000m <sup>3</sup> (IMPORT)

- NOTES**
- EARTHWORKS QUANTITIES ARE TAKEN FROM EXISTING TO DESIGN SURFACE & DO NOT ACCOUNT FOR BOXING OF PATHS/TRACKS
  - 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
  - EXISTING SURFACE LEVELS SHOWN HAVE BEEN INTERPOLATED FROM A DIGITAL TERRAIN MODEL PROVIDED BY CITY RENEWAL AUTHORITY
  - REFER 310039CC240 FOR FILL EXTENTS PLAN
  - REFER 310039CC241 TO 310039CC242 FOR CROSS SECTIONS

file name: 310039CC200.dwg, layout name: CC200, plotted by: Jordan Brecken, file location: T:\31\310039\CC200\ALCAD\plot\_date: 17/08/2023 5:52 PM, Sheet: 10 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



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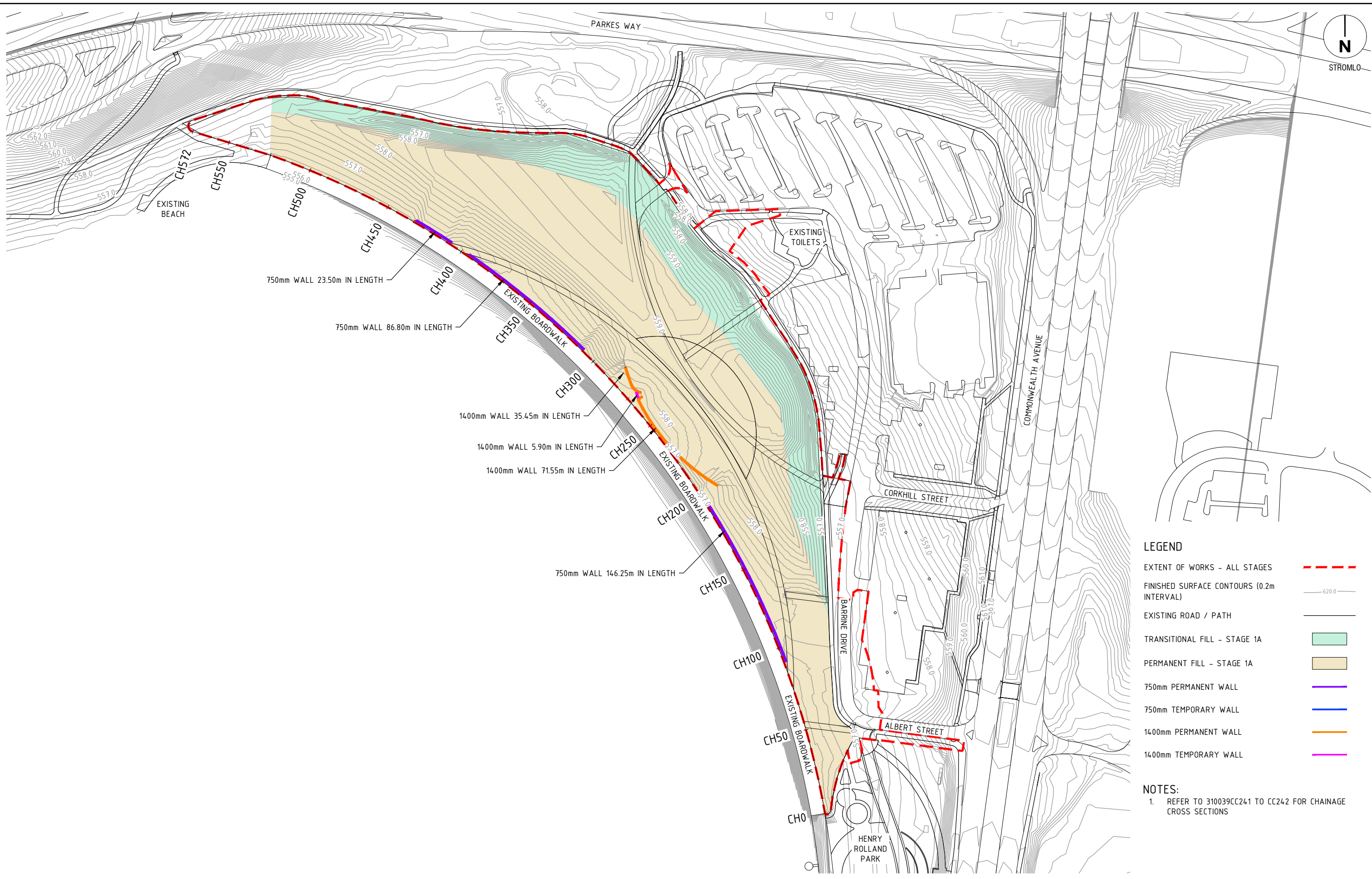
**CITY RENEWAL AUTHORITY**

Designed: JB  
Authorised: SB

Checked: CO  
Date: 29/05/2023

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

Dwg No: **310039CC200** Rev: **E**



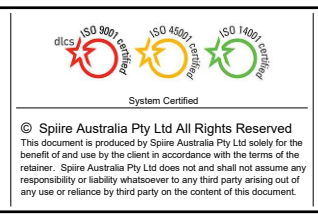
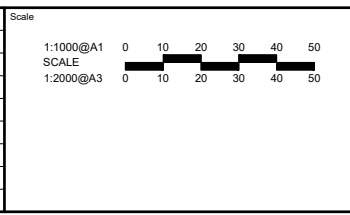
- LEGEND**
- EXTENT OF WORKS - ALL STAGES ---
  - FINISHED SURFACE CONTOURS (0.2m INTERVAL) —
  - EXISTING ROAD / PATH —
  - TRANSITIONAL FILL - STAGE 1A
  - PERMANENT FILL - STAGE 1A
  - 750mm PERMANENT WALL
  - 750mm TEMPORARY WALL
  - 1400mm PERMANENT WALL
  - 1400mm TEMPORARY WALL

**NOTES:**

- REFER TO 310039CC241 TO CC242 FOR CHAINAGE CROSS SECTIONS

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Rev	Amendments	Approved	Date
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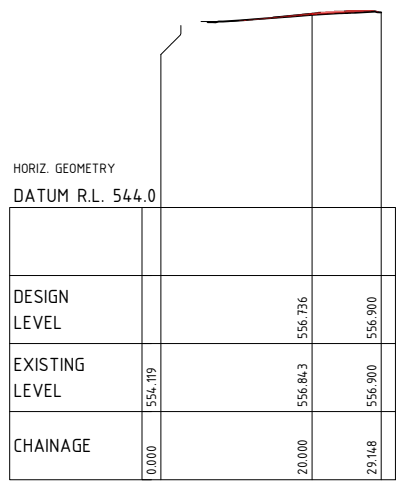
Date  
29/05/2023

**ACTON WATERFRONT WORKS APPROVAL**  
FILL EXTENTS PLAN  
SHEET 1  
ACT  
CITY RENEWAL AUTHORITY

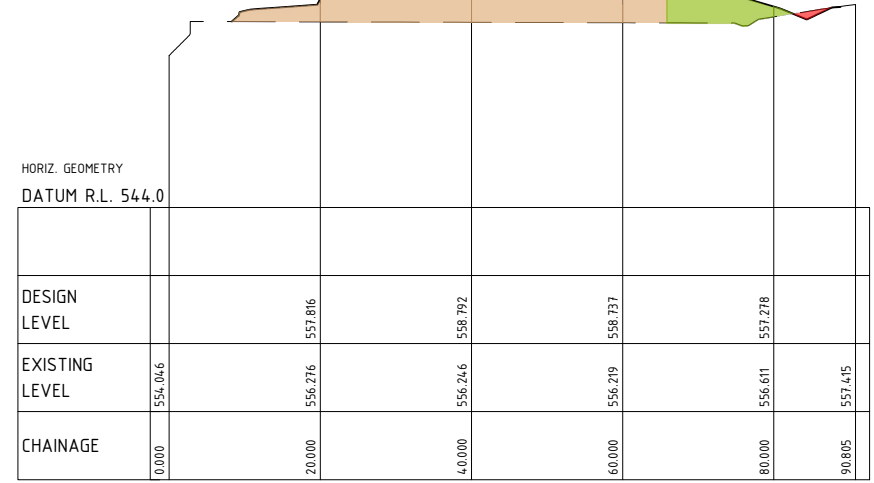
**PRELIMINARY** Drg No  
**310039CC240**

Rev  
**A**

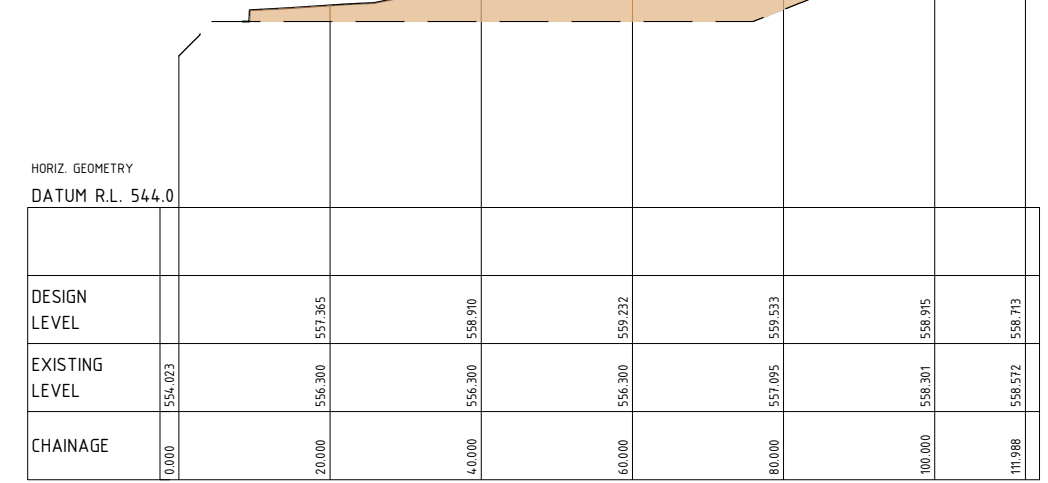
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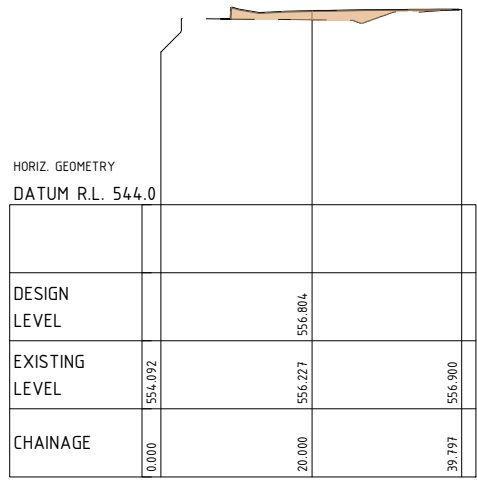
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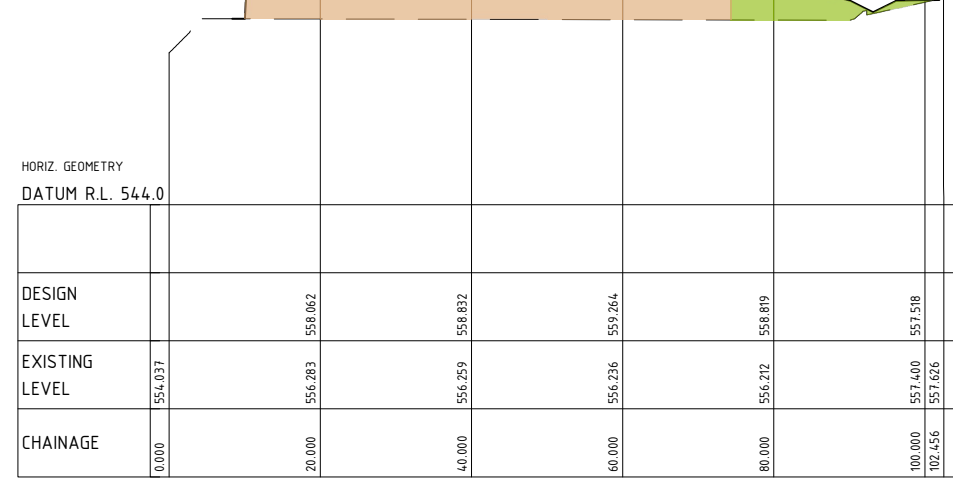
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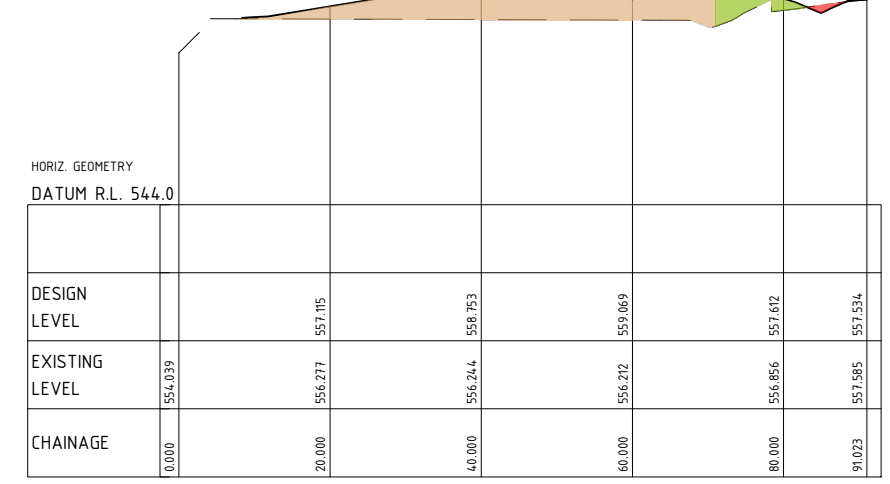
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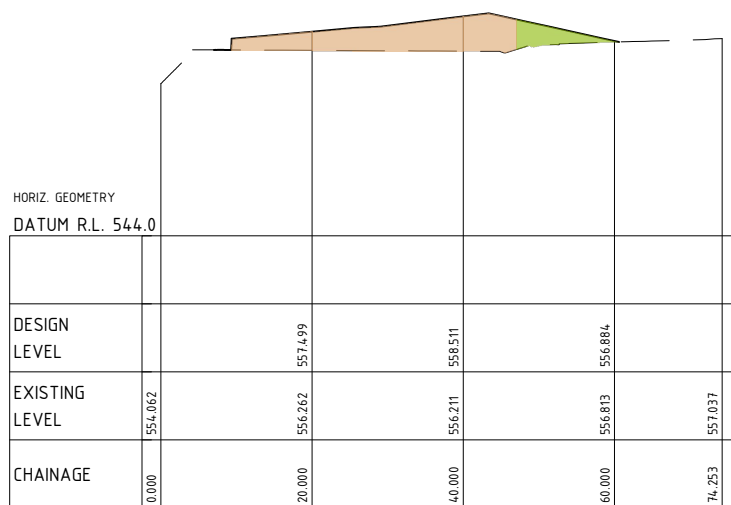
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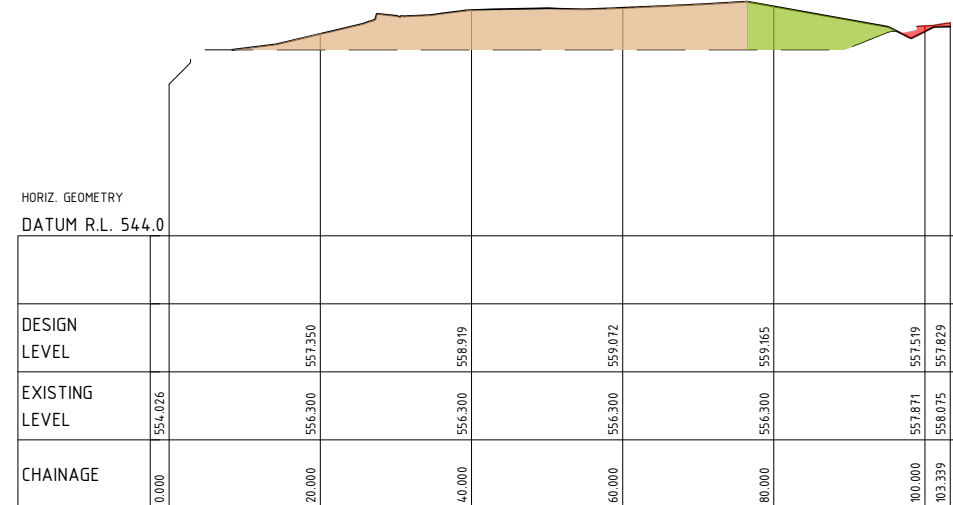
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CH: 150  
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SCALE 1:250 (V)






CH: 300  
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SCALE 1:250 (V)



CH: 450  
SCALE 1:500 (H)  
SCALE 1:250 (V)

**LEGEND**

- CUT 
- TRANSITIONAL FILL 
- PERMANENT FILL 

Scale	
Rev	
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	CJC
	29/05/23
	Approved
	Date



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ACT  
GOVERNMENT



CITY  
RENEWAL  
AUTHORITY

Designed  
JB

Authorised  
SB

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CO

Date  
29/05/2023

**ACTON WATERFRONT  
WORKS APPROVAL  
CROSS SECTIONS  
SHEET 1**

ACT  
CITY RENEWAL AUTHORITY

**PRELIMINARY** Drg No **310039CC241** Rev **A**

file name: 310039CC242.dwg, layout name: CC242, plotted by: Jordan Brereton  
 file location: T:\31\310039\CC242\A\CAD\plot\_date: 29/05/2023 4:49 PM Sheet 17 of 30 Sheets



CH: 500  
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 SCALE 1:250 (V)

**LEGEND**

CUT	
TRANSITIONAL FILL	
PERMANENT FILL	

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**ACTON WATERFRONT  
 WORKS APPROVAL  
 CROSS SECTIONS  
 SHEET 2**

ACT  
 CITY RENEWAL AUTHORITY

**PRELIMINARY** Drg No **310039CC242** Rev **A**





**LEGEND**

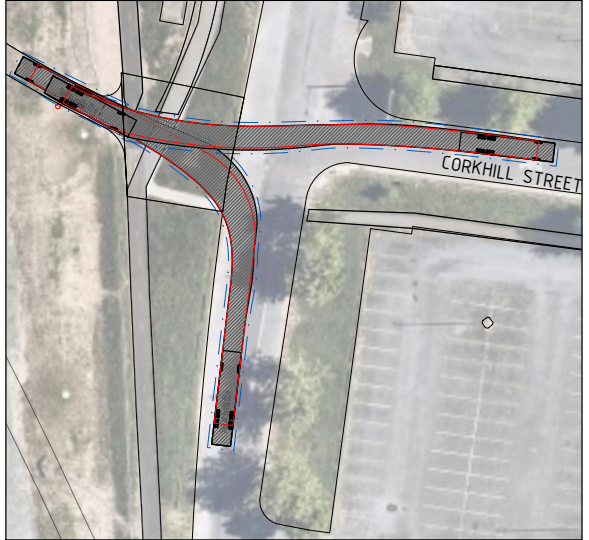
- 4m TEMPORARY 1 WAY ACCESS FOR CONSTRUCTION DURATION OF REALIGNMENT
- PROPOSED TEMPORARY PATH CONNECTION ROUTE FOR BARRINE DR REALIGNMENT WORKS
- PROPOSED PLANTING EXTENTS - REFER ASPECT DRAWINGS
- PROPOSED CONCRETE PATH - REFER ASPECT DRAWINGS
- EXISTING ASPHALT PATH - REFER ASPECT DRAWINGS
- PROPOSED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

**NOTES:**

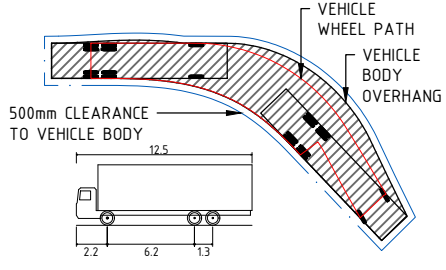
1. REFER TO DRAWING 310039CC080 FOR DECOMPOSED GRANITE PATH DETAILS
2. REFER TO DRAWING 310039CC080 FOR TYPICAL REINFORCED VEHICLE CROSSING DETAIL



EMERGENCY SERVICE ACCESS TURNING MOVEMENT - 12.5m VEHICLE



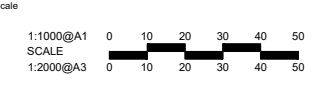
EMERGENCY SERVICE ACCESS TURNING MOVEMENT - 12.5m VEHICLE



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

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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**

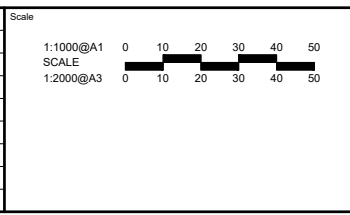
- EXTENT OF WORKS ---
- EXISTING ROAD / PATH ---
- COMPACTED ROAD BASE - REFER ASPECT DRAWINGS ■
- ASPHALT PATH - REFER ASPECT DRAWINGS ■
- EXISTING COMMS ---
- EXISTING ELECTRICAL ---
- EXISTING STREETLIGHT CABLE ---
- EXISTING STREETLIGHT ⊕
- SHARED TRENCH (ELEC, STREETLIGHT) ---
- STREETLIGHT CABLE ---
- PROPOSED STREETLIGHT ⊕
- POWER BOX ■
- SWITCHBOARD ■

**NOTES:**

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

file name: 310039CC800.dwg, layout name: CCB00, plotted by: Jordan Breckon, file location: \\spire\landata\31\310039\civil\ACAD\plot, date: 29/05/2023 4:52 PM, Sheet 24 of 30 Sheets

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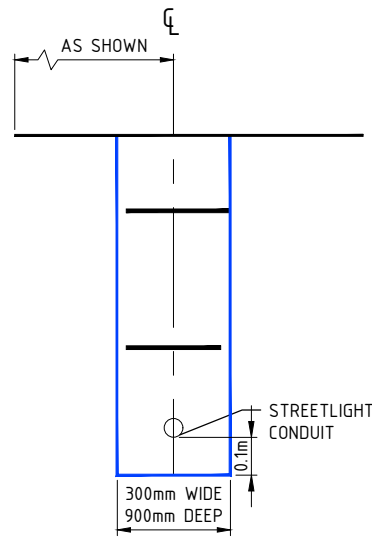
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SB

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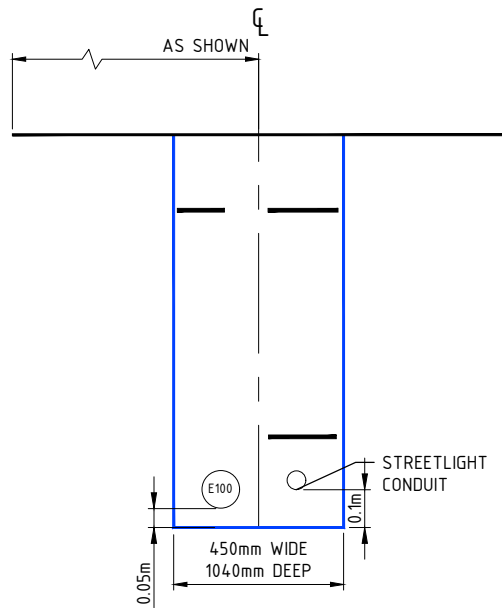
Date  
29/05/2023

**ACTON WATERFRONT  
WORKS APPROVAL**  
UTILITIES SHARED TRENCH PLAN - STAGE 1A  
SHEET 1  
ACT  
CITY RENEWAL AUTHORITY

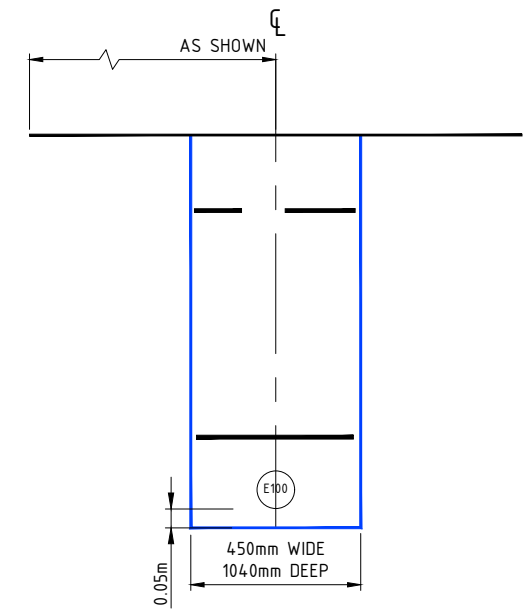
**PRELIMINARY** Drg No  
310039CC800 Rev  
A



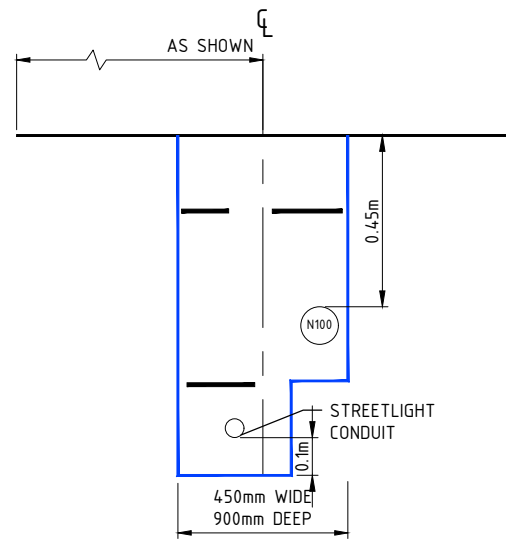
TYPICAL STREETLIGHT TRENCH DETAIL -  
(1 x 25 $\phi$  STREETLIGHT)  
SCALE 1:10 @ A1



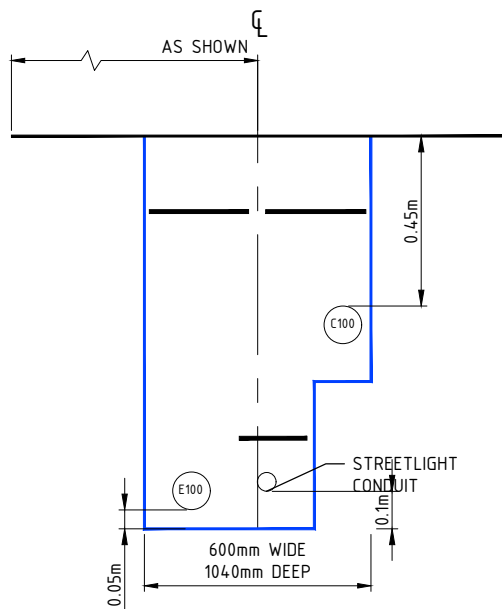
TYPICAL SHARED TRENCH DETAIL -  
(1 x 100 $\phi$  ELECTRICAL, 1 x 25 $\phi$  STREETLIGHT)  
SCALE 1:10 @ A1



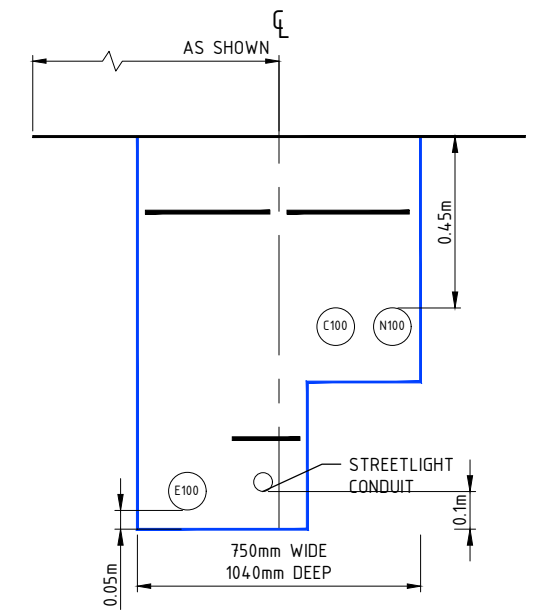
TYPICAL SHARED TRENCH DETAIL -  
(1 x 100 $\phi$  ELECTRICAL)  
SCALE 1:10 @ A1



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



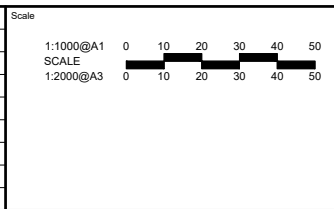
TYPICAL SHARED TRENCH DETAIL -  
(1 x 100 $\phi$  ELECTRICAL, 1 x 100 $\phi$  COMMS, 1 x  
25 $\phi$  STREETLIGHT)  
SCALE 1:10 @ A1



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

File name: 310039CC802.dwg; layout: asis; CC802; created by: Jordan Brasher; file location: \\spire\canberra\data\310039\310039\NBN\A1\A1.dwg; date: 29/05/2023; 4:52 PM; sheet: 26 of 30 sheets

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**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**

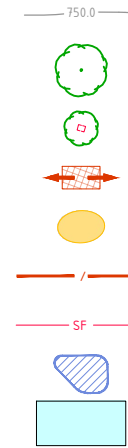
- THE PRINCIPLES OF THESE PLANS ARE BASED ON THE MANAGING URBAN STORMWATER, SOILS AND CONSTRUCTION, 4TH EDITION. 2004 GUIDELINES.

**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

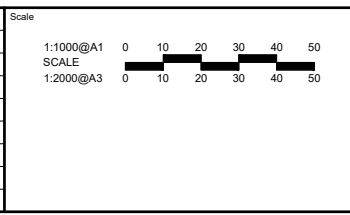


**TABLE 1: SILT FENCE DESIGN CRITERIA**

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

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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**



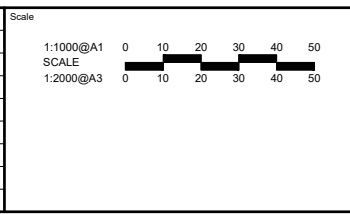
**NOTES**

- 1. FOR NOTES AND LEGEND REFER DRAWING 310039CC850.

**CONCEPT ONLY**

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**ACTON WATERFRONT WORKS APPROVAL**  
**ENVIRONMENTAL CONTROLS CONCEPT PLAN**  
**SHEET 2**  
ACT  
CITY RENEWAL AUTHORITY

**PRELIMINARY** Drg No: **310039CC851** Rev: **A**