



NOTE

The survey has located visible topography, structures, utilities and services. Underground services and structures other than as shown may exist and their locations should be verified by the relevant authorities.

The survey is for contour and detail purposes only and should not be used for any other purposes other than its original intention.

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For drafting purposes objects shown in this drawing may not represent their true position. Where given dimensions to objects shown on the plan should be adopted over the position. All electronic copies of this drawing are to be accompanied by an image for integrity purposes.

I, Andrew Blair Spain of Kleven Spain Pty Ltd a surveyor registered under the Surveyor's Act 2007, hereby certify that the survey represented in this plan is accurate, has been made in accordance with the Surveyors (Practice) Directions 2010.

Signature

PROPERTY BOUNDARIES

All design and construction works in relation to boundaries should be verified onsite by a registered surveyor. The boundary details shown on this plan have the following status :-

Boundaries of the subject property have been partially investigated and dimensions are by title or by survey where shown



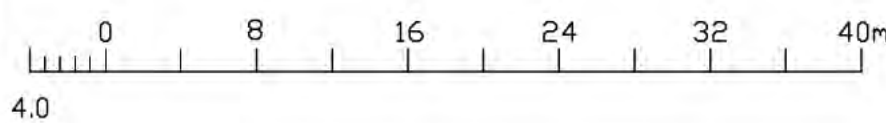
ACN 096 035 504
SHOP 2, FISHER SQUARE
PO BOX 3977 WESTON CREEK ACT 2611
Ph (02) 6287 3096 Fax 02 62873590
klevenSpain@blgpond.com

REV

AMENDMENTS

DATE

SCALE



DIMENSIONS ARE IN METRES OR AS SHOWN

CLIENT :

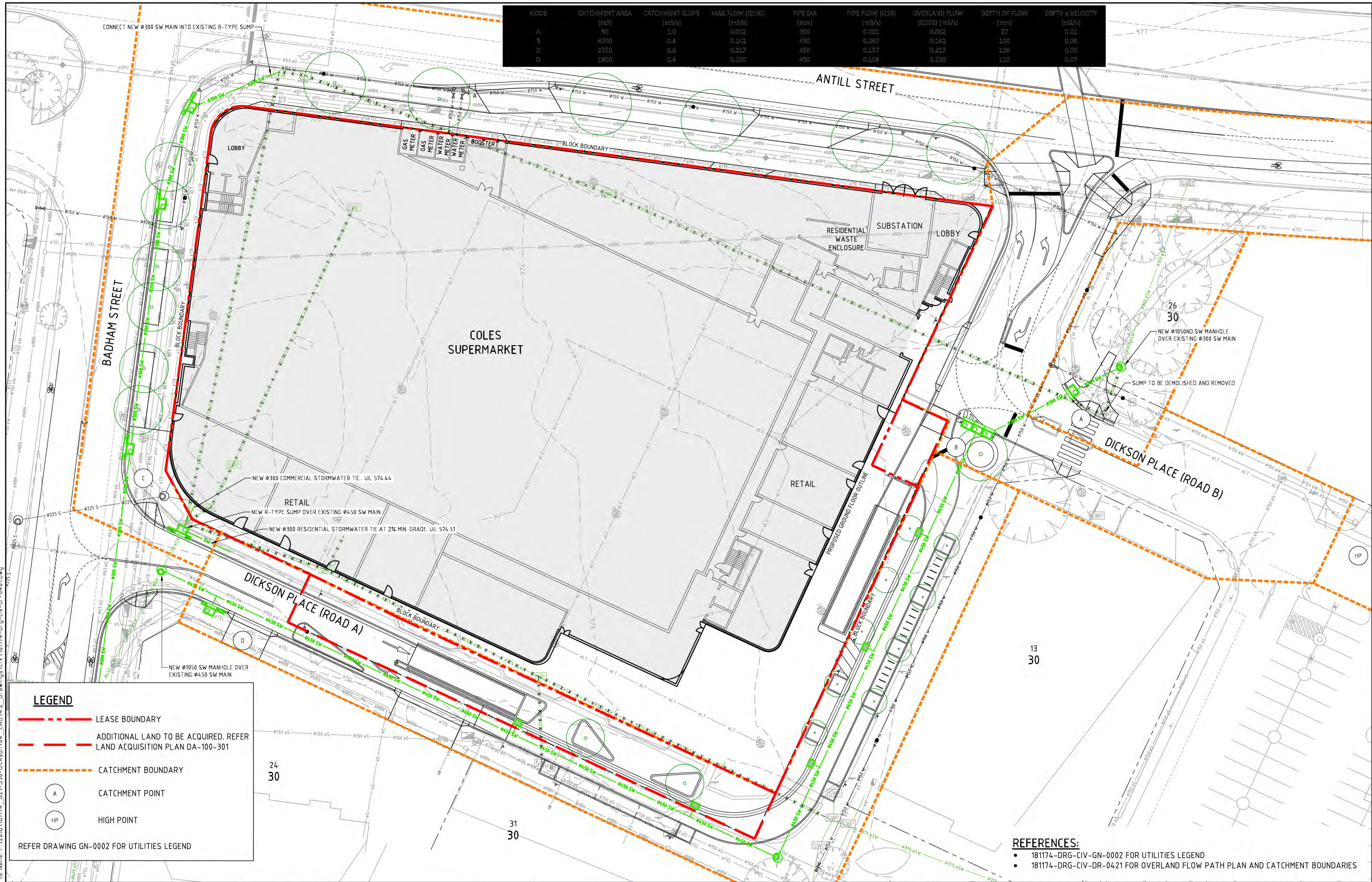
HEIGHT DATUM	AHD
CONTOUR INTERVAL	0.2 m
COORDINATE DATUM	ACT MAP GRID
ORIENTATION	GRID
SCALE	1:400 FOR A1
JOB REFERENCE	CB1320
SURVEYOR	S. PEARCE
DATE OF SURVEY	21 MARCH 2014

PLAN OF KERB RL'S
BLOCK 21 SEC 30 DP 11078
BADHAM & ANTILL ST DICKSON
AUSTRALIAN CAPITAL TERRITORY

DRAWING No.
CB1320-4

APPROVED

Node	Catchment Area (m ²)	Catchment Slope (m ³ /s)	Max Flow (Q ₁₀₀) (m ³ /s)	Pipe Dia (mm)	Pipe Flow (Q ₁₀₀) (m ³ /s)	Overland Flow (Q ₁₀₀) (m ³ /s)	Depth of Flow (mm)	Depth x Velocity (m ² /s)
A	50	1.0	0.002	300	0.001	0.002	27	0.01
B	4700	0.4	0.142	450	0.067	0.142	108	0.06
C	2750	0.6	0.217	450	0.157	0.217	108	0.09
D	1800	0.4	0.130	450	0.104	0.190	110	0.07



File Name: P:\2018\181174_ B21-S30-Dickson\04_CAD\4.2_Drawings\CIV\181174-drg-civ-dr-0401.dwg

LEGEND	
---	LEASE BOUNDARY
---	ADDITIONAL LAND TO BE ACQUIRED. REFER LAND ACQUISITION PLAN DA-100-301
---	CATCHMENT BOUNDARY
(A)	CATCHMENT POINT
(HP)	HIGH POINT
REFER DRAWING GN-0002 FOR UTILITIES LEGEND	

- REFERENCES:
- 181174-DRG-CIV-GN-0002 FOR UTILITIES LEGEND
 - 181174-DRG-CIV-DR-0421 FOR OVERLAND FLOW PATH PLAN AND CATCHMENT BOUNDARIES

F	REVISED DEVELOPMENT APPLICATION	20.12.2018	DA
E	NEW TREES REVISED ON ANTILL STREET	17.12.2018	DA
D	DEVELOPMENT APPLICATION	14.12.2018	DA
C	EDP UPDATE	14.11.2018	DA
B	EDP UPDATE	12.11.2018	DA
A	ESTATE DEVELOPMENT PLANS	9.11.2018	DA
Rev	Description	Date	Drawn By

Scales	North
0 5 7.5 10 12.5m 1:250 @ A1	
DO NOT SCALE OFF DRAWINGS. VERIFY ALL DIMENSIONS ON SITE PRIOR TO WORK. COPYRIGHT: The contents and information contained in this document are copyright of Sellick Consultants, Use or copy of this document in whole or part without written permission constitutes an infringement of copyright.	

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Est. 1965

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GROUP PROPERTY DEVELOPMENTS

NOT FOR CONSTRUCTION			
Original Size	A1	Drawn By	DA
Date Plotted	20-Dec-18	Designed By	AE
Coordinate System	STROMLO GRID	Approved	BC
Height Datum	AHD	Approved Date	9.11.2018
Approved Signature			

Project Name and Location					
DICKSON MIXED USE PROJECT					
BLOCK 21 SECTION 30 DICKSON ACT					
Drawing Title					
STORMWATER MASTER PLAN					
Project Number	Type	Discipline	Sub-Discipline	Drg No.	Rev
181174	DRG	CIV	DR	0401	F



NOTE
REFER D 30 FOR OFF SITE TREE ASSESSMENT AND MANAGEMENT PLAN

LEGEND

 existing tree to be retained

 existing tree proposed for removal

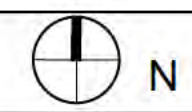
T50 tree ID number

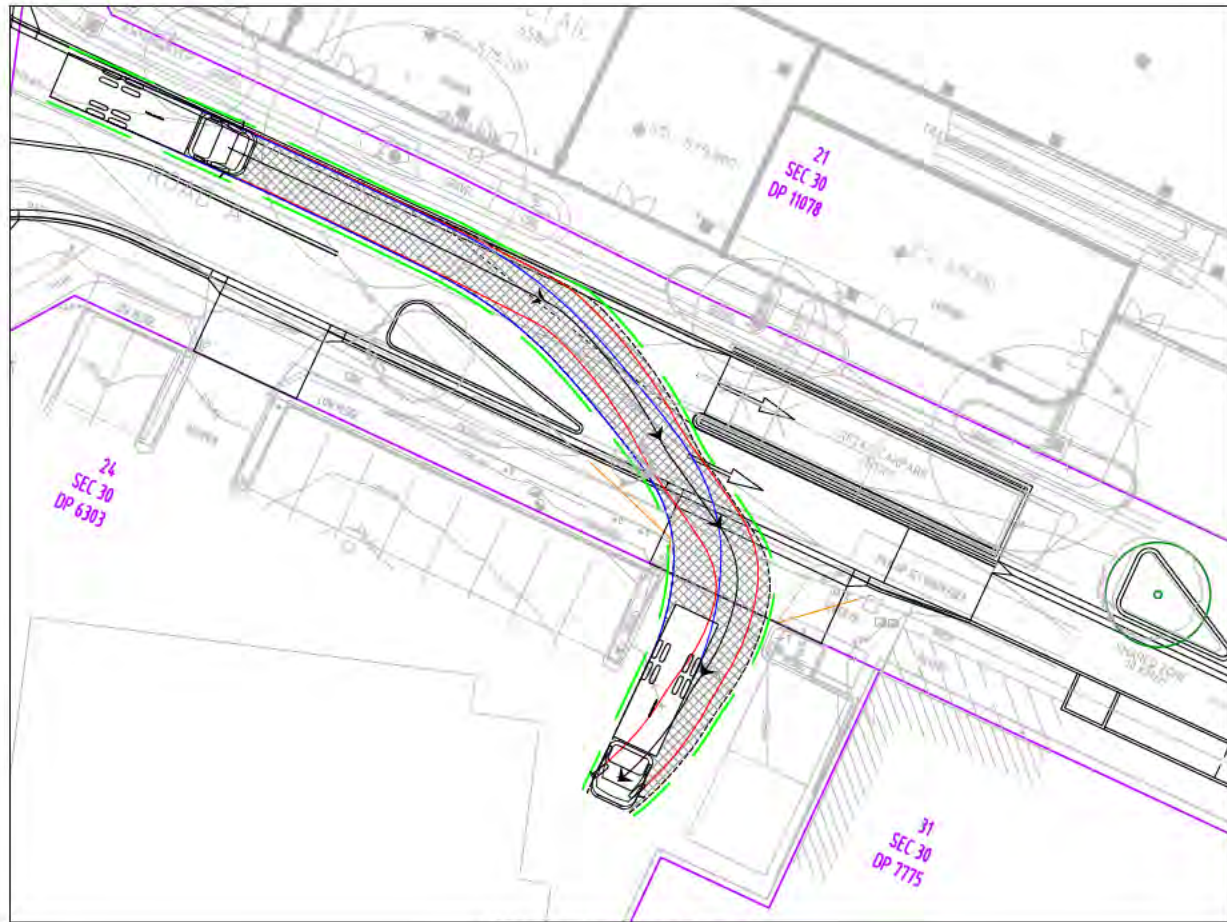
REV.	DESCRIPTION	DRAWN	APPR'D	DATE
A	FOR REVIEW	S	NH	24/04/14
B	FOR APPROVAL	S	NH	01/08/14

HARRIS HOBBS
LANDSCAPES

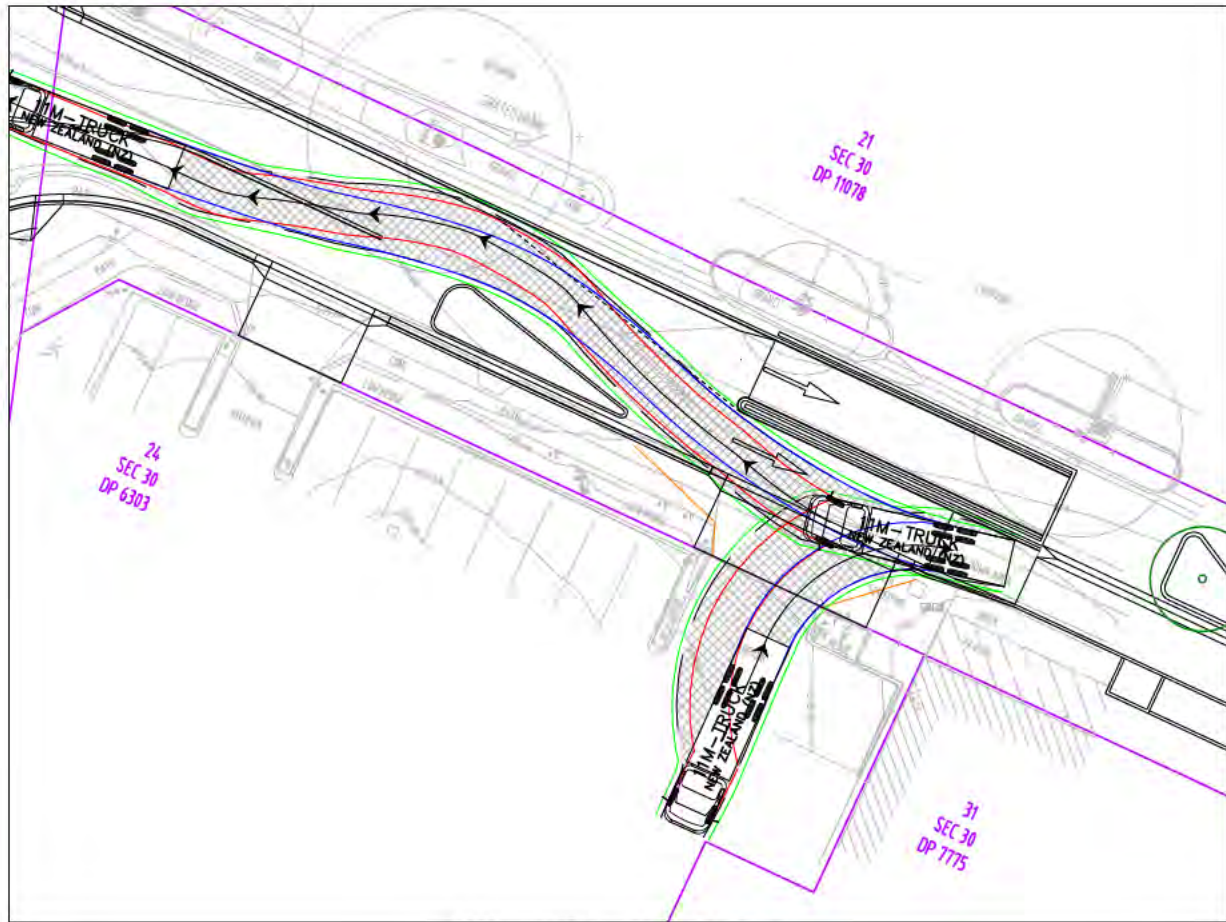
Landscape Architect
16 ROBE STREET
DEALIN ACT 2600
p 081 2 623 4661
e hhl@hhl.com.au
w www.hhl.com.au

CLIENT	COLES DOMA GROUP BLOC CONSTRUCTIONS	DOB No. 14041	PROJECT	DICKSON MIXED USE PROJECT
ADDRESS	BLOCK 21 SECTION 30 DICKSON ACT	DATE AUG 2014	TITLE	TREE REMOVAL PLAN
SCALE	1:500 @ A3	0 5 10 15 20 25m	DRAWING No.	301
			REVISION	B





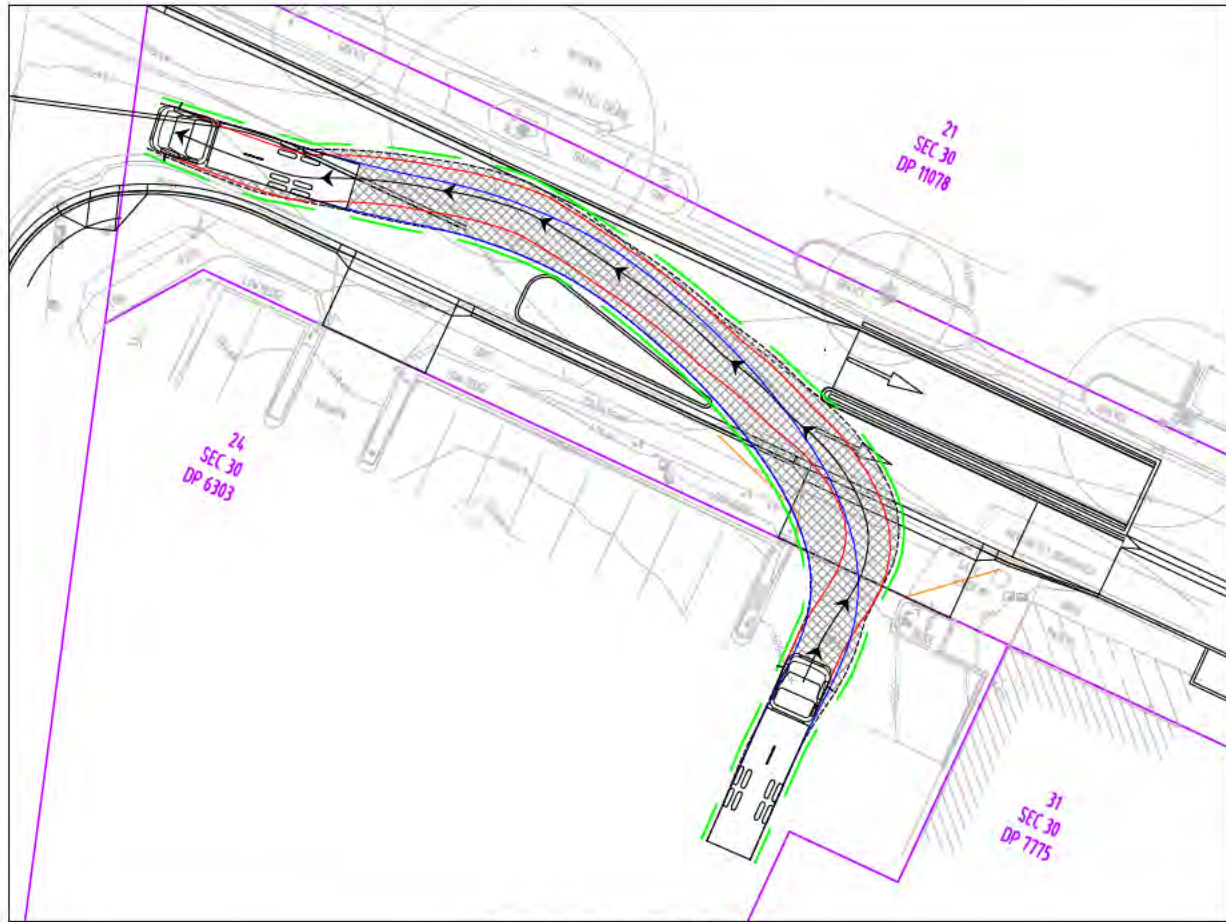
MOVEMENT 1 - FRONT IN



MOVEMENT 2 - REVERSE OUT



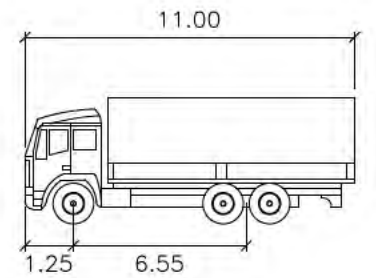
MOVEMENT 3 - REVERSE IN



MOVEMENT 4 - FRONT OUT

LEGEND

- BLOCK BOUNDARY
- PROPOSED KERB LINE/DRIVEWAY
- DENOTES FRONT WHEEL PATH
- DENOTES REAR WHEEL PATH
- DENOTES VEHICLE BODY OVER HANG
- DENOTES 300mm VEHICLE BODY OFFSET



11M-TRUCK

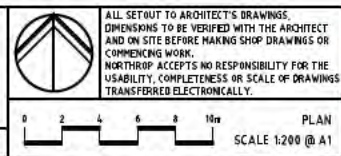
	Width	11.00	meters
	Track	2.50	
	Lock to Lock Time	6.0	
	Steering Angle	37.4	

VERIFIER: JOB MANAGER: DTIELD DESIGNED: JCLANCY DRAWN: JCLANCY

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
1	FOR INFORMATION	JC			05.09.18
2	FOR INFORMATION (v2)	JC			06.09.18
3	FOR INFORMATION (v3)	JC			07.09.18
4	FOR INFORMATION (v4)	JC			21.09.18
5	FOR INFORMATION (v5)	RC			13.11.18
6	FOR INFORMATION (v6)	RC			14.11.18

CLIENT	COLES GROUP PROPERTY DEVELOPMENT
ARCHITECT	TURNER

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Email canberra@northrop.com.au AIN 81 09 33 100

PROJECT	DICKSON MIXED USE SECTION 30 DICKSON
---------	--

DRAWING TITLE	CIVIL WORKS VEHICLE TURNING TEMPLATES MCDONALDS WASTE COLLECTION 11m HRV
---------------	---

JOB NUMBER	CR181746
DRAWING NUMBER	C030
REVISION	6
DRAWING SHEET SIZE	A1

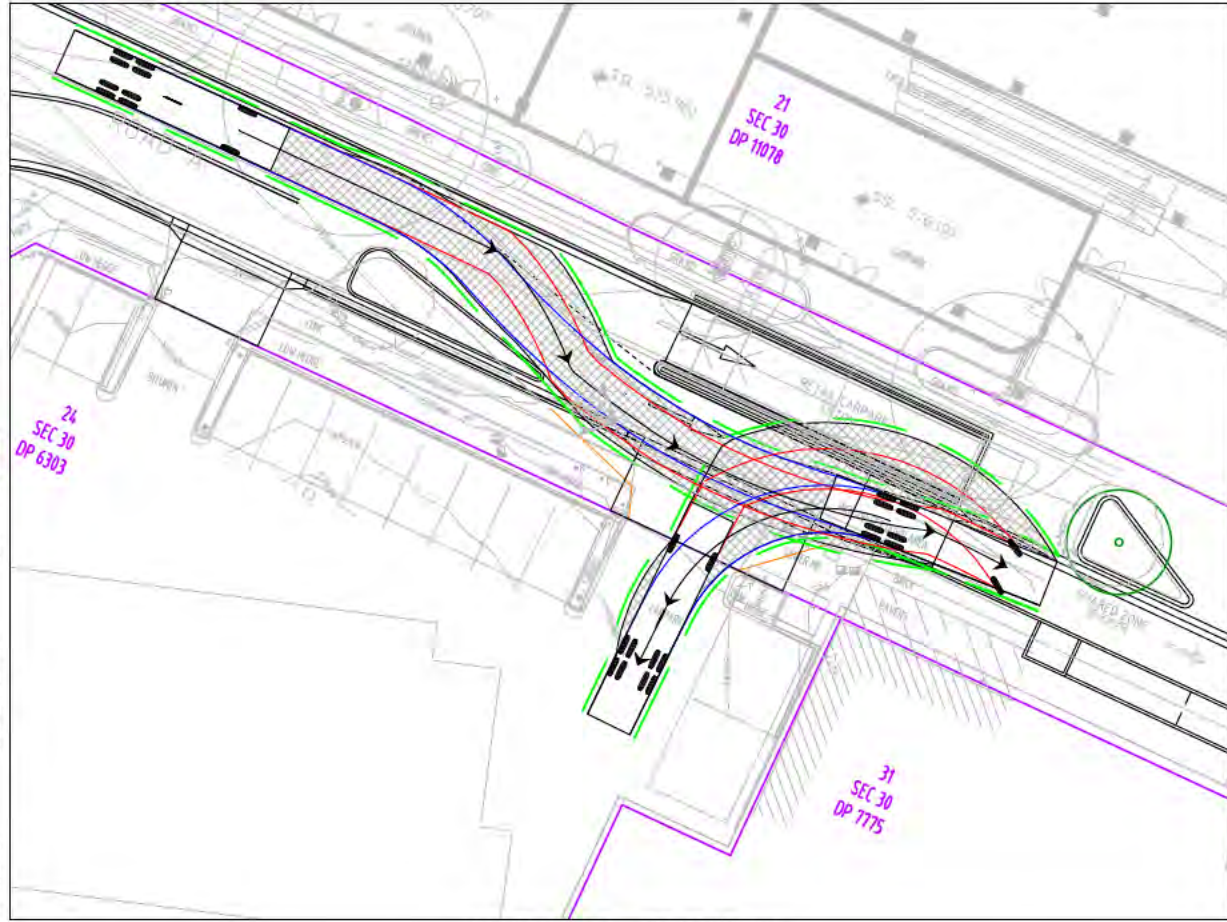
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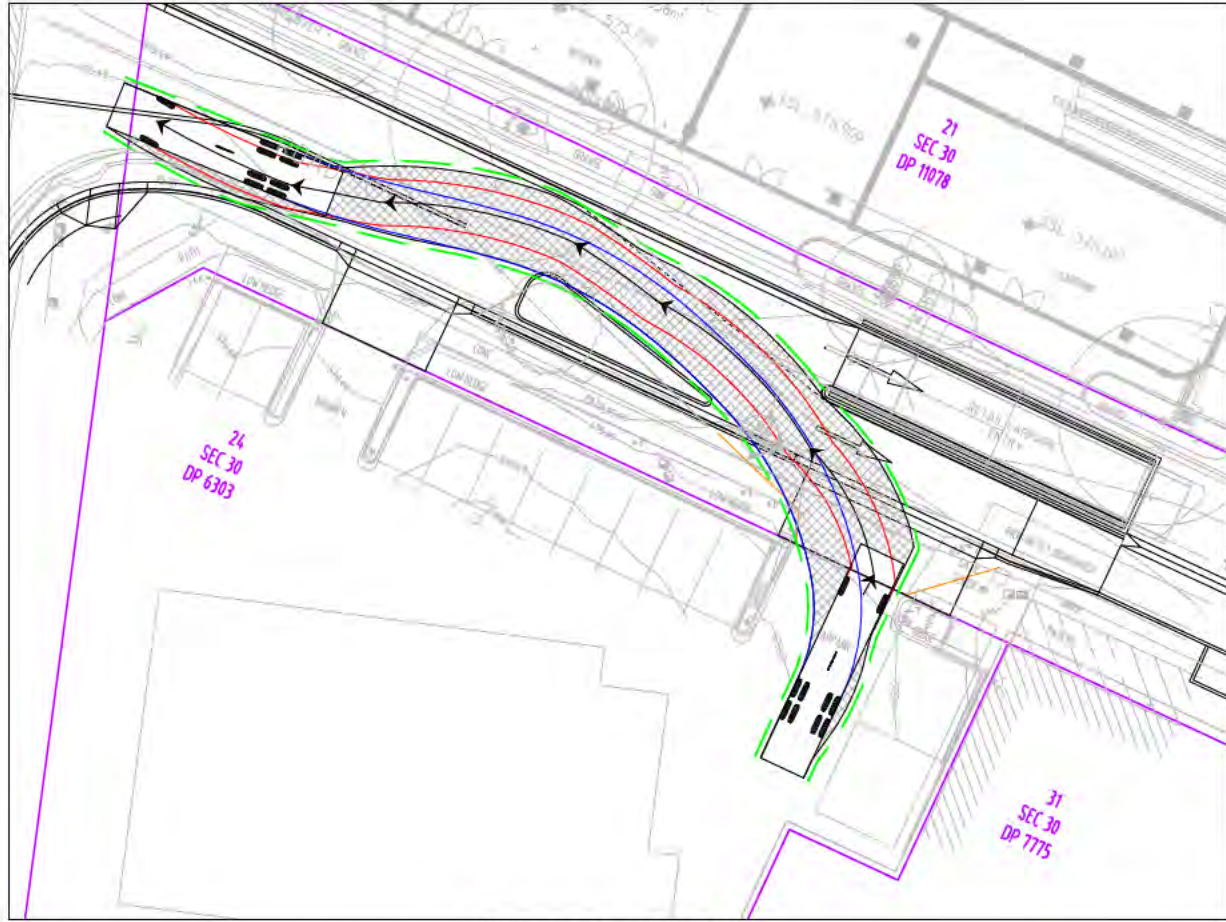
MOVEMENT 1 - FRONT IN



MOVEMENT 2 - REVERSE OUT

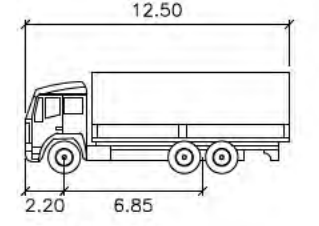


MOVEMENT 3 - REVERSE IN



MOVEMENT 4 - FRONT OUT

- LEGEND
- BLOCK BOUNDARY
 - PROPOSED KERB LINE/DRIVEWAY
 - DENOTES FRONT WHEEL PATH
 - DENOTES REAR WHEEL PATH
 - DENOTES VEHICLE BODY OVER HANG
 - DENOTES 300mm VEHICLE BODY OFFSET



SU TRUCK

Width : 2.50 meters
Track : 2.50
Lock to Lock Time : 6.0
Steering Angle : 36.6

VERIFIER: JCLANCY
JOB MANAGER: JCLANCY
DESIGNED: JCLANCY
DRAWN: JCLANCY

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
1	FOR INFORMATION	JC			21.09.18
2	FOR INFORMATION (v2)	RC			13.11.18
3	FOR INFORMATION (v3)	RC			14.11.18

CLIENT
**COLES GROUP
PROPERTY
DEVELOPMENT**

ARCHITECT
TURNER

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PROJECT
**DICKSON MIXED USE
SECTION 30
DICKSON**

DRAWING TITLE
**CIVIL WORKS
VEHICLE TURNING TEMPLATES
MCDONALDS WASTE COLLECTION
12.5m HRV**

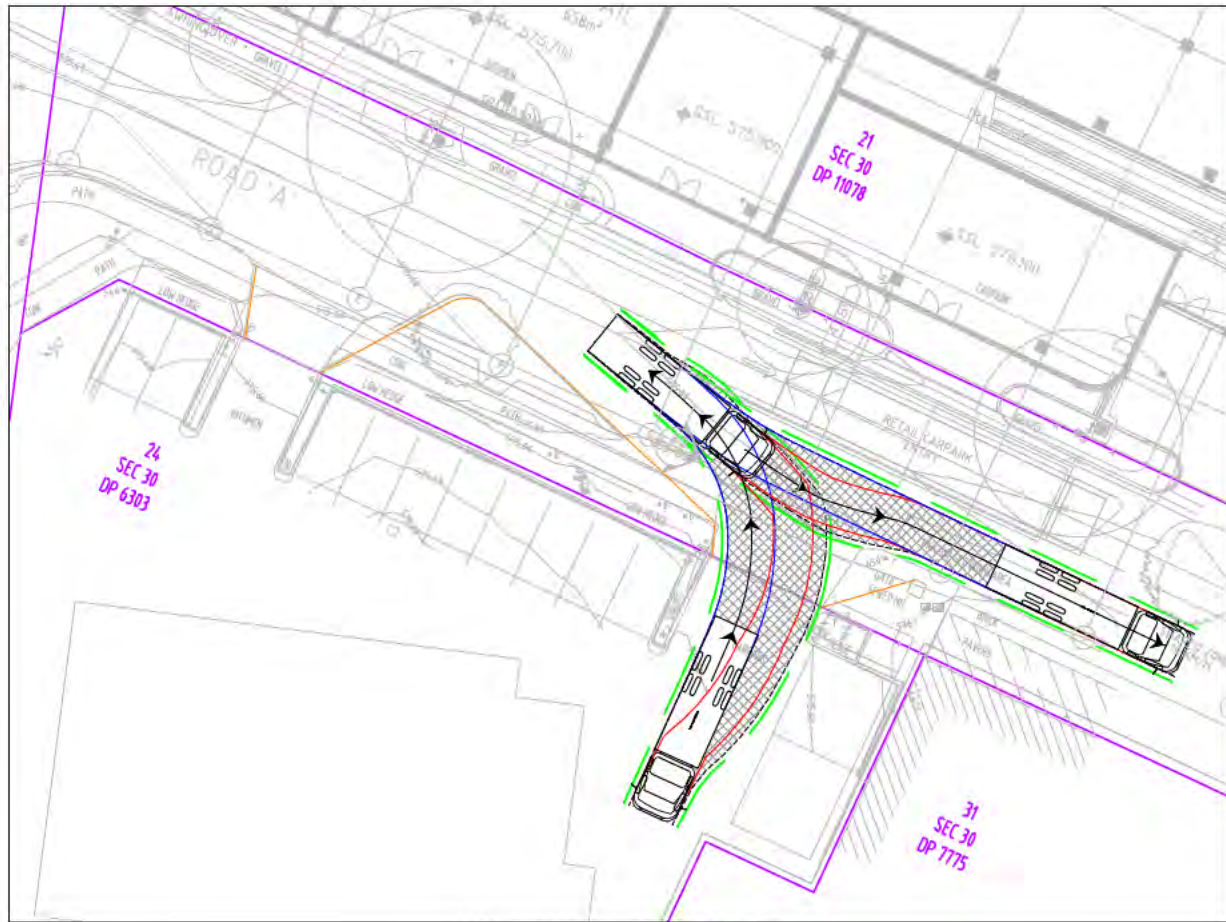
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CR181746

DRAWING NUMBER	REVISION
C031	3

DRAWING SHEET SIZE = A1



MOVEMENT 1 - FRONT IN



MOVEMENT 2 - REVERSE OUT

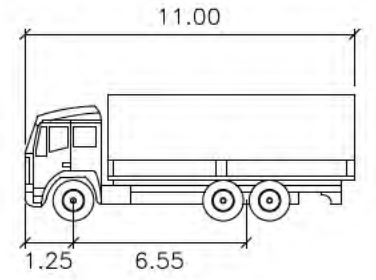


MOVEMENT 3 - REVERSE IN



MOVEMENT 4 - FRONT OUT

- LEGEND
- BLOCK BOUNDARY
 - PROPOSED KERB LINE/DRIVEWAY
 - DENOTES FRONT WHEEL PATH
 - DENOTES REAR WHEEL PATH
 - DENOTES VEHICLE BODY OVER HANG
 - DENOTES 300mm VEHICLE BODY OFFSET



11M-TRUCK

Width : 2.50
Track : 2.50
Lock to Lock Time : 6.0
Steering Angle : 37.4

meters

VERIFIER
JOB MANAGER: DFIELD
DESIGNED
DRAWING: RCHADDY

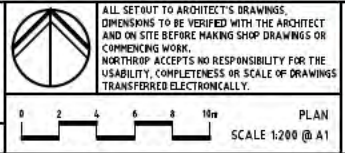
REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
1	FOR INFORMATION	RC			13.11.18
2	FOR INFORMATION (v2)	RC			14.11.18

CLIENT
**COLES GROUP
PROPERTY
DEVELOPMENT**

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PROJECT
**DICKSON MIXED USE
SECTION 30
DICKSON**

DRAWING TITLE
**CIVIL WORKS
VEHICLE TURNING TEMPLATES
MCDONALDS WASTE COLLECTION
11m HRV**

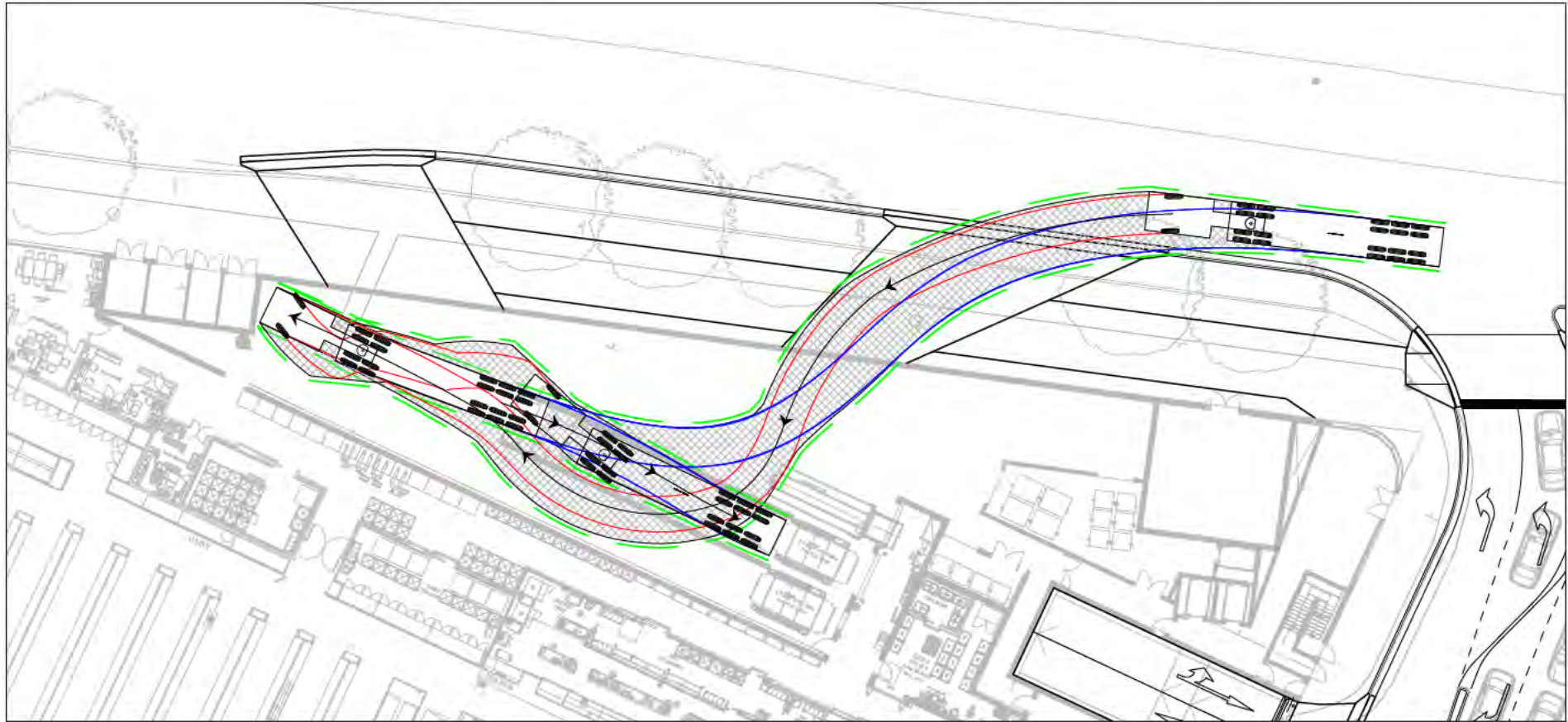
JOB NUMBER
CR181746

DRAWING NUMBER C032	REVISION 2
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DRAWING SHEET SIZE = A1

NOT FOR CONSTRUCTION

VERIFIER: JOB MANAGER: DFIELD DESIGNED: W.BASSANELLI DRAWN: W.BASSANELLI



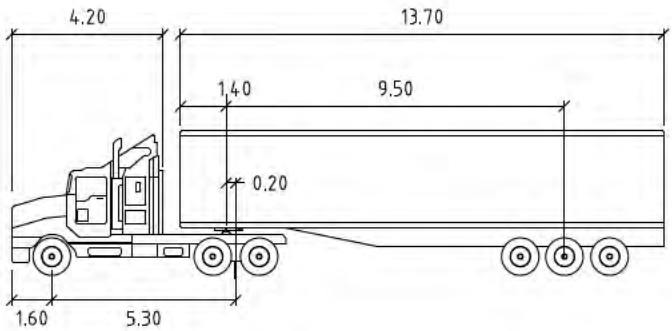
19m ARTICULATED VEHICLE ENTERING LOADING BAY



19m ARTICULATED VEHICLE EXITING LOADING BAY

LEGEND

- DENOTES FRONT WHEEL PATH
- DENOTES REAR WHEEL PATH
- DENOTES VEHICLE BODY OVER HANG
- DENOTES 300mm VEHICLE BODY OFFSET

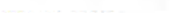


PM S 19M

Tractor Width	: 2.50	Lock to Lock Time	: 6.0
Trailer Width	: 2.50	Steering Angle	: 27.8
Tractor Track	: 2.50	Articulating Angle	: 70.0
Trailer Track	: 2.50		

meters

NOT FOR CONSTRUCTION

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT	ARCHITECT	PROJECT		DRAWING TITLE	JOB NUMBER		
1	FOR INFORMATION	WB			10.09.18	COLES GROUP PROPERTY DEVELOPMENT	TURNER		ALL SETOUT TO ARCHITECT'S DRAWINGS. DIMENSIONS TO BE VERIFIED WITH THE ARCHITECT AND ON SITE BEFORE MAKING SHOP DRAWINGS OR COMMENCING WORK. NORTHROP ACCEPTS NO RESPONSIBILITY FOR THE USABILITY, COMPLETENESS OR SCALE OF DRAWINGS TRANSFERRED ELECTRONICALLY.		DICKSON MIXED USE SECTION 30 DICKSON	CIVIL WORKS VEHICLE TURNING TEMPLATES LOADING DOCK SHEET 1	CR181746
2	FOR INFORMATION (v2)	JC		13.09.18									
3	FOR INFORMATION (v3)	RC		13.11.18									
4	FOR INFORMATION (v4)	RC		14.11.18									
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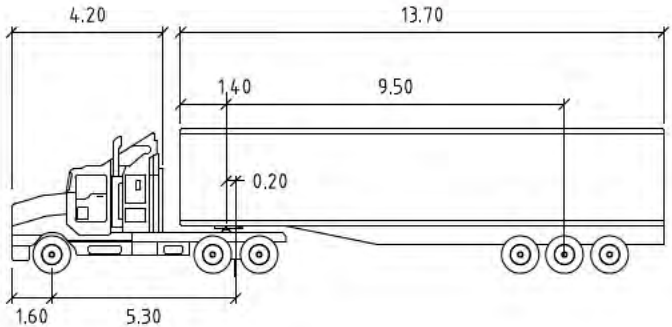
12.5m HRV ENTERING LOADING BAY



12.5m HRV PARKING ADJACENT 19m ARTICULATED VEHICLE

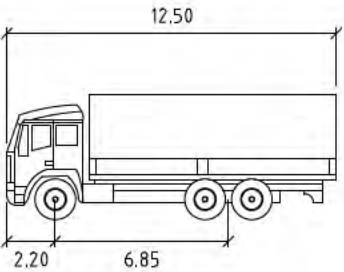
LEGEND

- DENOTES FRONT WHEEL PATH
- DENOTES REAR WHEEL PATH
- DENOTES VEHICLE BODY OVER HANG
- DENOTES 300mm VEHICLE BODY OFFSET



PM S 19M

Tractor Width	: 2.50	Lock to Lock Time	: 6.0
Trailer Width	: 2.50	Steering Angle	: 27.8
Tractor Track	: 2.50	Articulating Angle	: 70.0
Trailer Track	: 2.50		



SU TRUCK

	metres
Width	: 2.50
Track	: 2.50
Lock to Lock Time	: 6.0
Steering Angle	: 36.6

NOT FOR CONSTRUCTION

VERIFIER: JOB MANAGER: DFIELD DESIGNED: W.BASSANELLI DRAWN: W.BASSANELLI

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT	ARCHITECT		PROJECT	DRAWING TITLE	JOB NUMBER	
1	FOR INFORMATION	WB			10.09.18	COLES GROUP PROPERTY DEVELOPMENT	TURNER	 Canberra Unit 2, 2-6 Shea Street, Phillip ACT 2606 Ph (02) 6285 1822 Fax (02) 6285 1863 Email canberra@northrop.com.au ASB 81 08 33 100	DICKSON MIXED USE SECTION 30 DICKSON	CIVIL WORKS VEHICLE TURNING TEMPLATES LOADING DOCK SHEET 2	CR181746	
2	FOR INFORMATION (v2)	JC		13.09.18								
3	FOR INFORMATION (v3)	RC		13.11.18								
4	FOR INFORMATION (v4)	RC		14.11.18								
						DRAWING NOT TO BE USED FOR CONSTRUCTION UNLESS VERIFICATION SIGNATURE HAS BEEN ADDED	THE COPYRIGHT OF THIS DRAWING REMAINS WITH NORTHROP CONSULTING ENGINEERS PTY LTD.	 PLAN SCALE 1:200 @ A1				DRAWING SHEET SIZE = A1



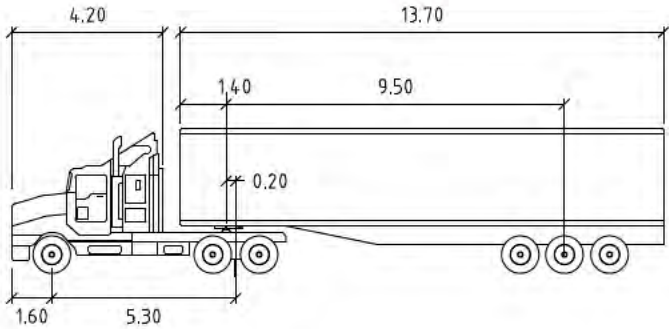
11m HRV ENTERING LOADING BAY



11m HRV PARKING ADJACENT 19m ARTICULATED VEHICLE

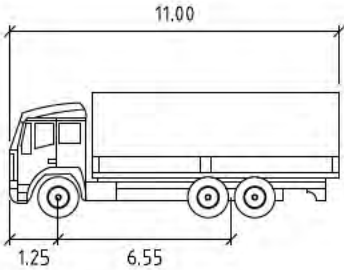
LEGEND

- DENOTES FRONT WHEEL PATH
- DENOTES REAR WHEEL PATH
- DENOTES VEHICLE BODY OVER HANG
- DENOTES 1000mm VEHICLE MIRROR OFFSET



PM S 19M

Tractor Width	: 2.50	Lock to Lock Time	: 6.0
Trailer Width	: 2.50	Steering Angle	: 27.8
Tractor Track	: 2.50	Articulating Angle	: 70.0
Trailer Track	: 2.50		



11M-TRUCK

	meters
Width	: 2.50
Track	: 2.50
Lock to Lock Time	: 6.0
Steering Angle	: 37.4

NOT FOR CONSTRUCTION

VERIFIER: JOB MANAGER: DFIELD DESIGNED: W.BASSANELLI DRAWN: W.BASSANELLI

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT	ARCHITECT	PROJECT	DRAWING TITLE	JOB NUMBER
1	FOR INFORMATION	WB			10.09.18	COLES GROUP PROPERTY DEVELOPMENT	TURNER	DICKSON MIXED USE SECTION 30 DICKSON	CIVIL WORKS VEHICLE TURNING TEMPLATES LOADING DOCK SHEET 3	CR181746
2	FOR INFORMATION (v2)	JL			13.09.18					
3	FOR INFORMATION (v3)	RC			12.11.18					
4	FOR INFORMATION (v4)	RC			13.11.18					
5	FOR INFORMATION (v5)	RC			14.11.18					

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Email: canberra@northrop.com.au ABN 81 09 33 100

0 2 4 6 8 10m PLAN
SCALE 1:200 @ A1

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PROJECT

DICKSON MIXED USE
SECTION 30
DICKSON

DRAWING TITLE

CIVIL WORKS
VEHICLE TURNING TEMPLATES
LOADING DOCK
SHEET 3

JOB NUMBER

CR181746

DRAWING NUMBER

SK112

REVISION

5

DRAWING SHEET SIZE = A1



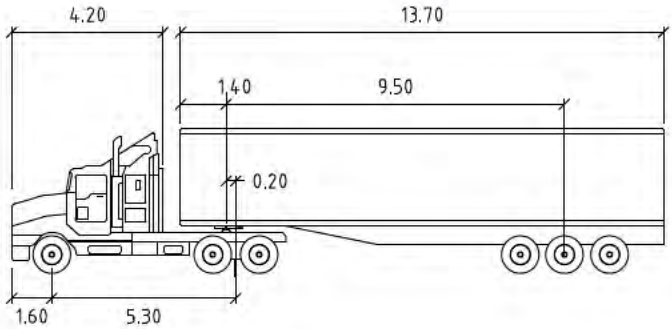
12.5m HRV COLLECTING COMPACTOR



12.5m HRV COLLECTING COMPACTOR WITH OTHER VEHICLES PRESENT

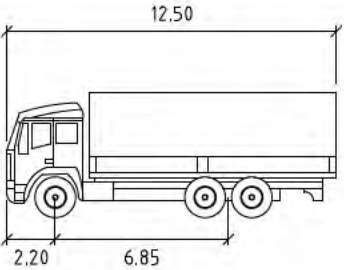
LEGEND

- DENOTES FRONT WHEEL PATH
- DENOTES REAR WHEEL PATH
- DENOTES VEHICLE BODY OVER HANG
- DENOTES 300mm VEHICLE BODY OFFSET



PM S 19M

	Tractor Width	: 2.50	Lock to Lock Time	: 6.0
	Trailer Width	: 2.50	Steering Angle	: 27.8
	Tractor Track	: 2.50	Articulating Angle	: 70.0
	Trailer Track	: 2.50		



SU TRUCK

	Width	: 2.50		
	Track	: 2.50		
	Lock to Lock Time	: 6.0		
	Steering Angle	: 36.6		

VERIFIER: JOB MANAGER: DFIELD DESIGNED: W.BASSANELLI DRAWN: W.BASSANELLI

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT
1	FOR INFORMATION	WB			10.09.18	COLES GROUP PROPERTY DEVELOPMENT
2	FOR INFORMATION (v2)	JL			13.09.18	
3	FOR INFORMATION (v3)	RC			13.11.18	
4	FOR INFORMATION (v4)	RC			14.11.18	

ARCHITECT	CLIENT
TURNER	COLES GROUP PROPERTY DEVELOPMENT

ARCHITECT	CLIENT
TURNER	COLES GROUP PROPERTY DEVELOPMENT

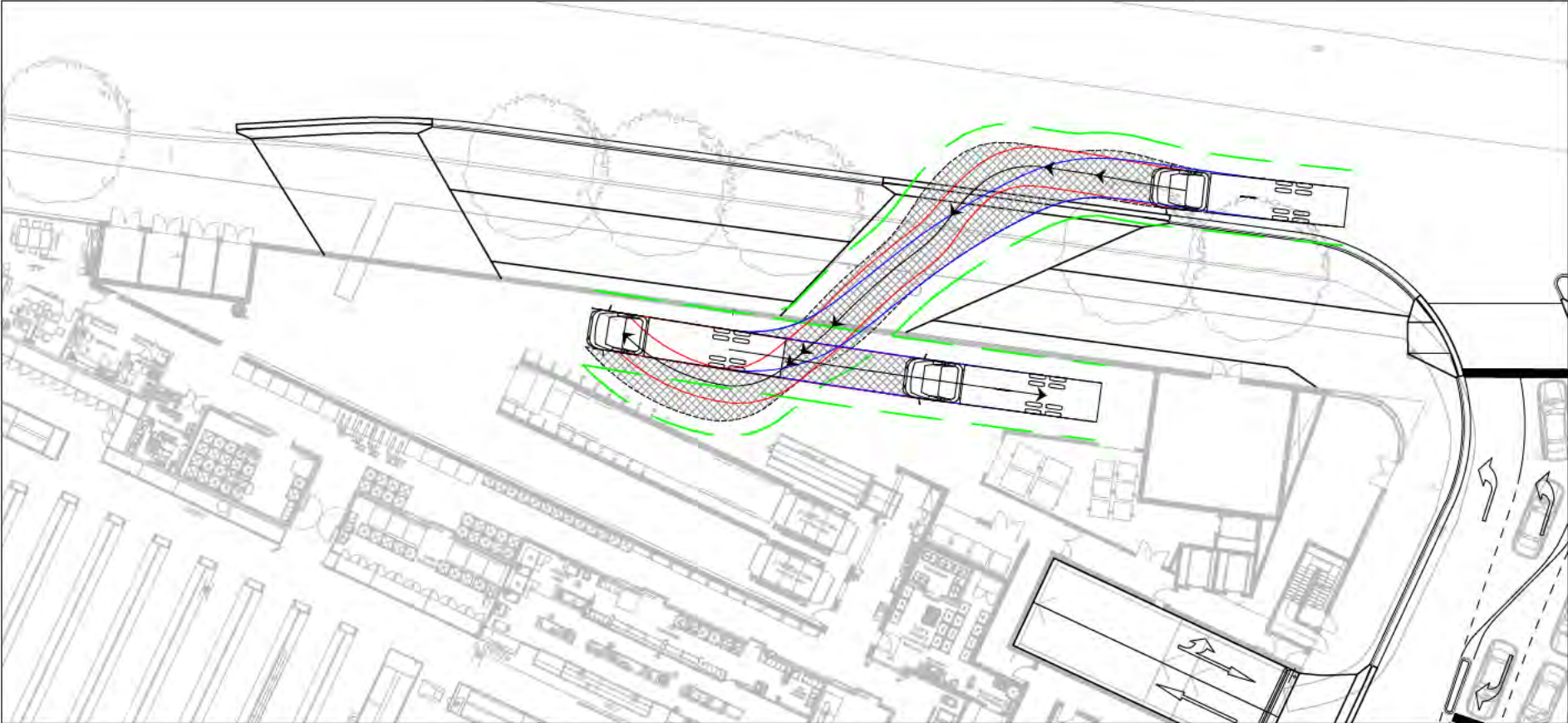
ALL SETOUT TO ARCHITECT'S DRAWINGS. DIMENSIONS TO BE VERIFIED WITH THE ARCHITECT AND ON SITE BEFORE MAKING SHOP DRAWINGS OR COMMENCING WORK. NORTHROP ACCEPTS NO RESPONSIBILITY FOR THE USABILITY, COMPLETENESS OR SCALE OF DRAWINGS TRANSFERRED ELECTRONICALLY.	PLAN SCALE 1:200 @ A1
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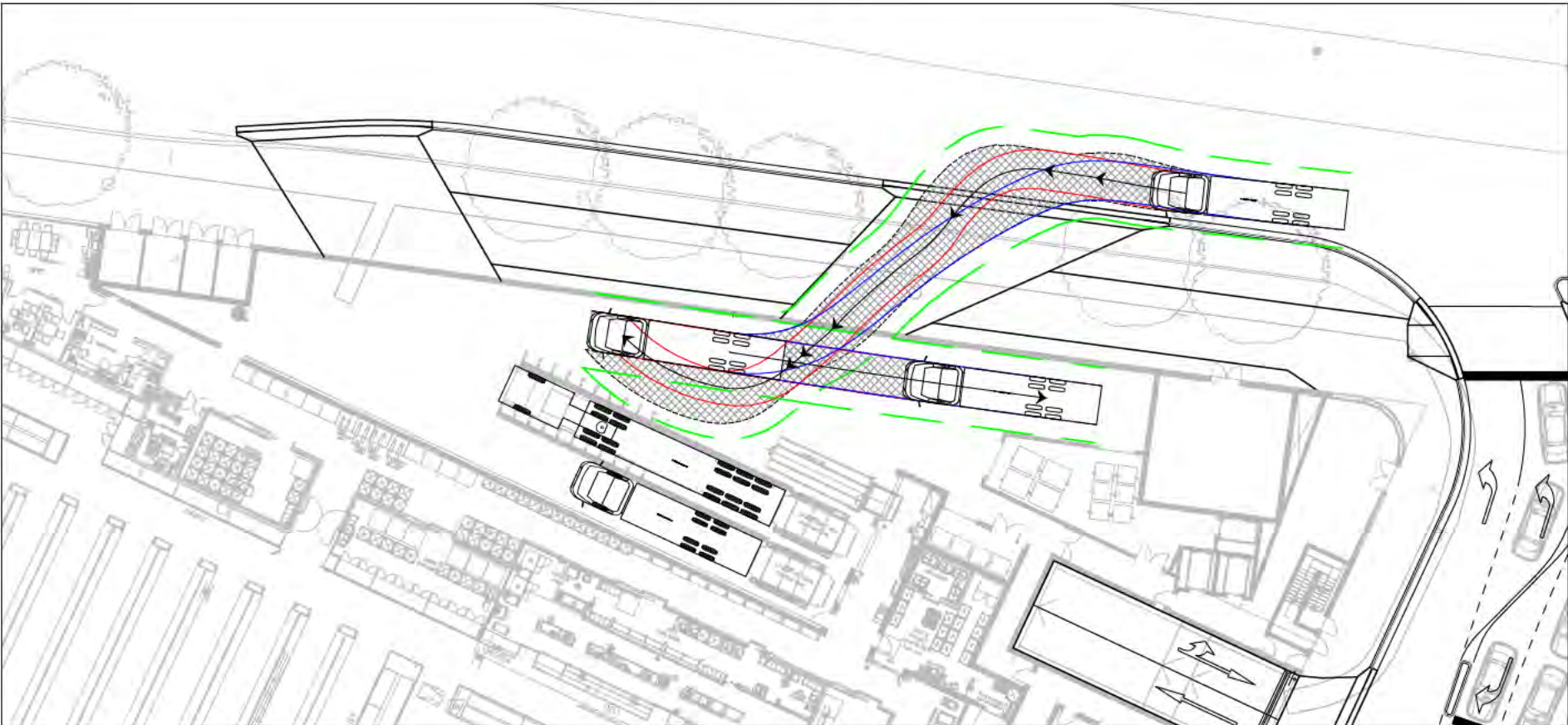
PROJECT	DRAWING TITLE
DICKSON MIXED USE SECTION 30 DICKSON	CIVIL WORKS VEHICLE TURNING TEMPLATES LOADING DOCK SHEET 4

JOB NUMBER	DRAWING NUMBER	REVISION
CR181746	SK113	4
DRAWING SHEET SIZE = A1		

NOT FOR CONSTRUCTION



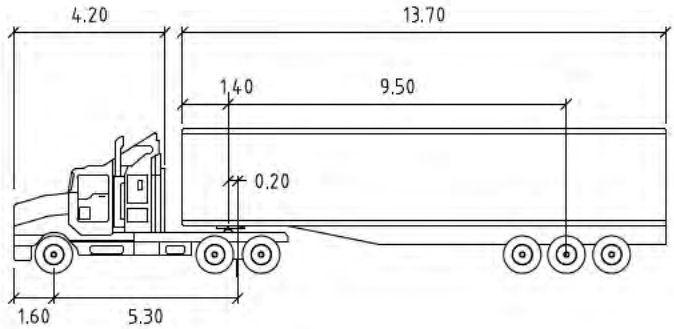
12.5m HRV COLLECTING WASTE



12.5m HRV COLLECTING WASTE WITH OTHER VEHICLES PRESENT

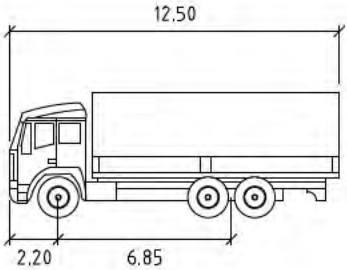
LEGEND

- DENOTES FRONT WHEEL PATH
- DENOTES REAR WHEEL PATH
- DENOTES VEHICLE BODY OVER HANG
- DENOTES 1150mm VEHICLE BODY OFFSET



PM S 19M

Tractor Width	: 2.50	Lock to Lock Time	: 6.0
Trailer Width	: 2.50	Steering Angle	: 27.8
Tractor Track	: 2.50	Articulating Angle	: 70.0
Trailer Track	: 2.50		



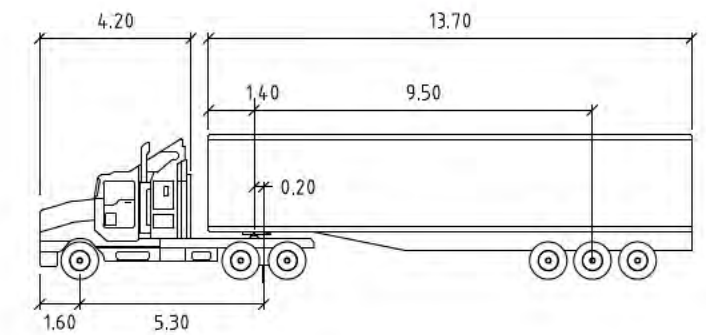
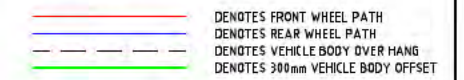
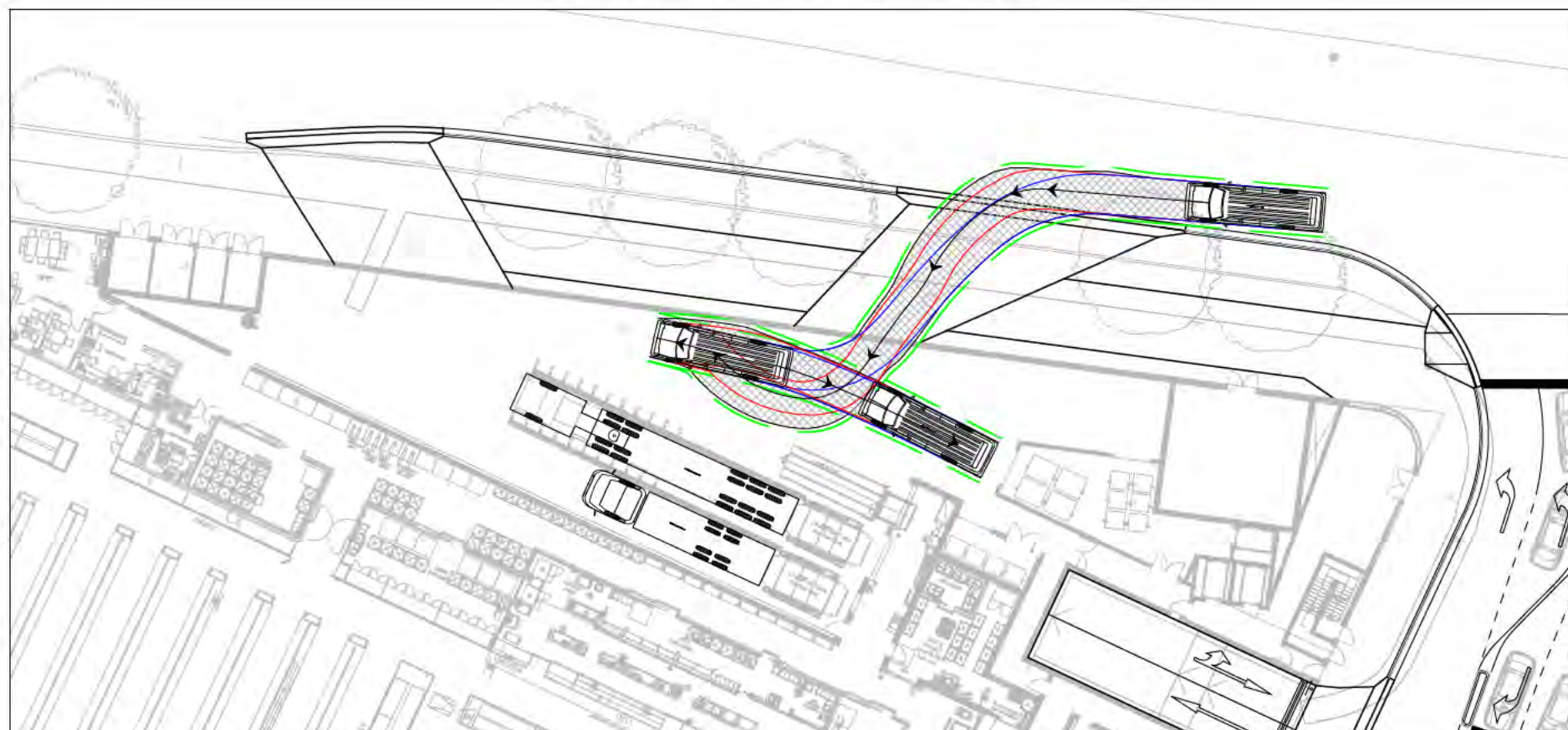
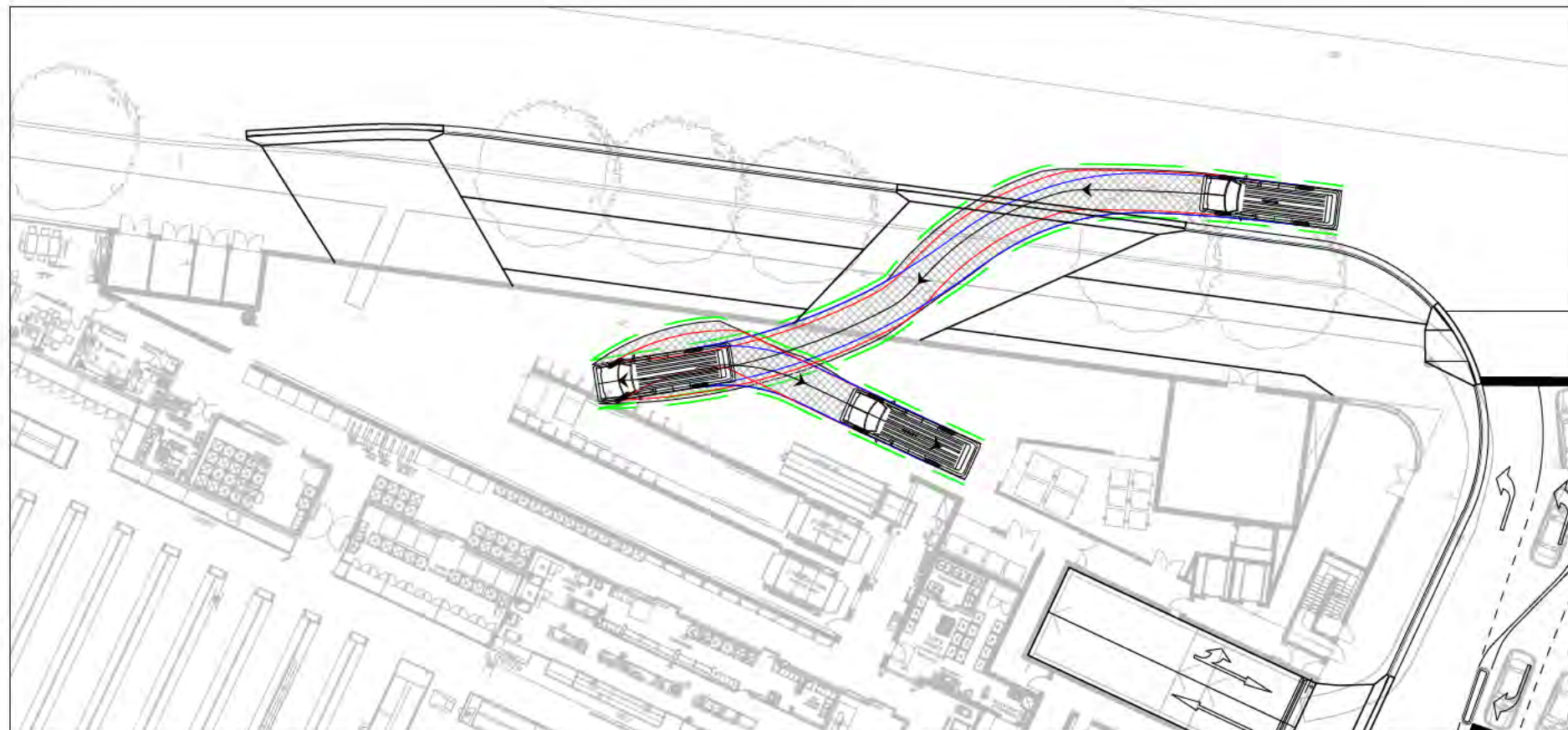
SU TRUCK

Width	: 2.50
Track	: 2.50
Lock to Lock Time	: 6.0
Steering Angle	: 36.6

NOT FOR CONSTRUCTION

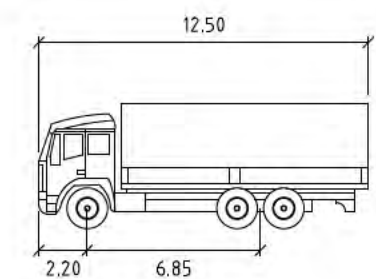
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1	FOR INFORMATION	WB			10.09.18	COLES GROUP PROPERTY DEVELOPMENT	TURNER	 ALL SETOUT TO ARCHITECT'S DRAWINGS. DIMENSIONS TO BE VERIFIED WITH THE ARCHITECT AND ON SITE BEFORE MAKING SHOP DRAWINGS OR COMMENCING WORK. NORTHROP ACCEPTS NO RESPONSIBILITY FOR THE USABILITY, COMPLETENESS OR SCALE OF DRAWINGS TRANSFERRED ELECTRONICALLY.  PLAN SCALE 1:200 @ A1	DICKSON MIXED USE SECTION 30 DICKSON	CIVIL WORKS VEHICLE TURNING TEMPLATES LOADING DOCK SHEET 5	CR181746
2	FOR INFORMATION (v2)	JC			13.09.18						
3	FOR INFORMATION (v3)	RC			13.11.18						
4	FOR INFORMATION (v4)	RC			14.11.18						
DRAWING NOT TO BE USED FOR CONSTRUCTION UNLESS VERIFICATION SIGNATURE HAS BEEN ADDED						THE COPYRIGHT OF THIS DRAWING REMAINS WITH NORTHROP CONSULTING ENGINEERS PTY LTD.					



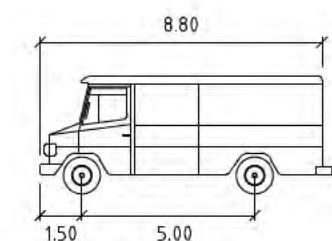
PM S 19M

	Tractor Width	: 2.50	Lock to Lock Time	: 6.0
	Trailer Width	: 2.50	Steering Angle	: 27.8
	Tractor Track	: 2.50	Articulating Angle	: 70.0
	Trailer Track	: 2.50		



SU TRUCK

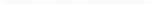
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Track	: 2.50
Lock to Lock Time	: 6.0
Steering Angle	: 36.6

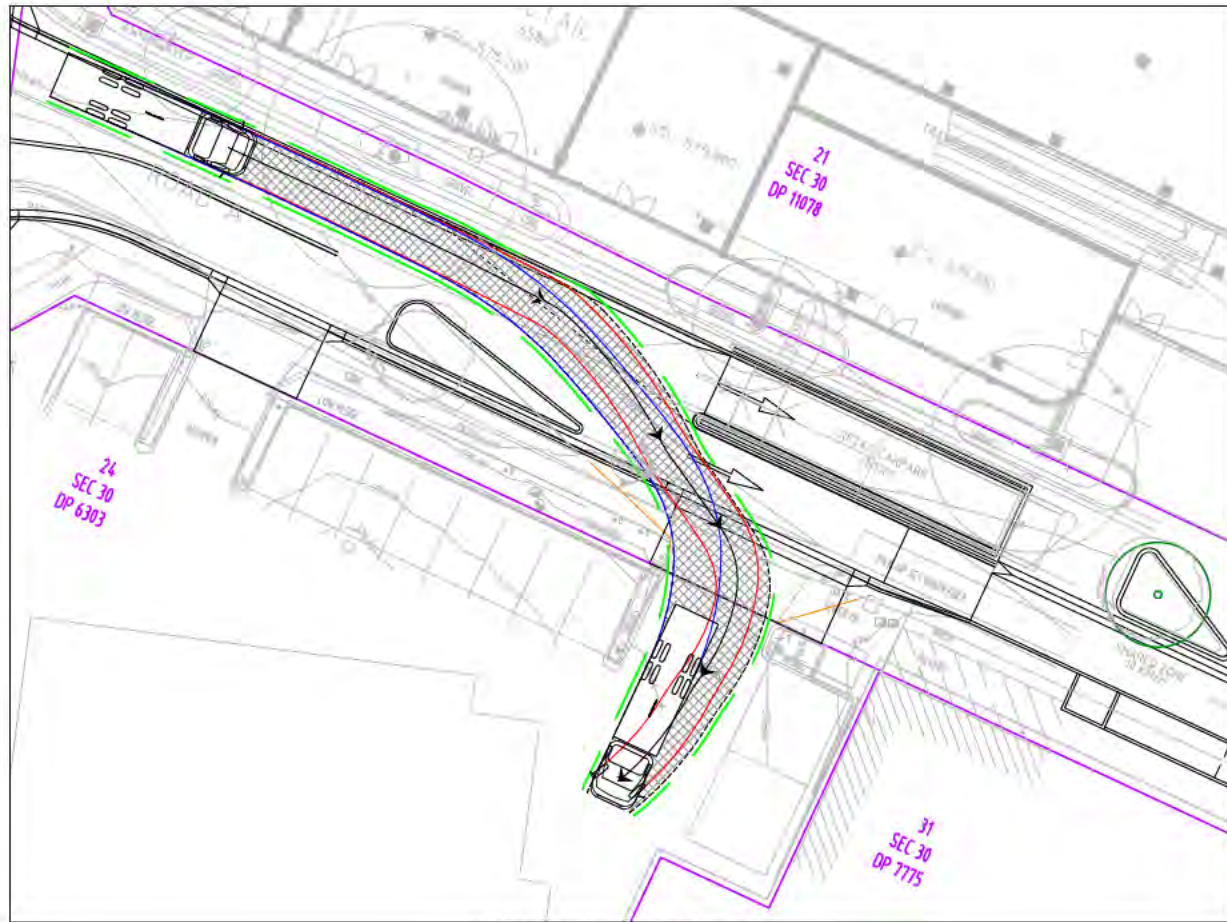


SERVICE VEHICLE

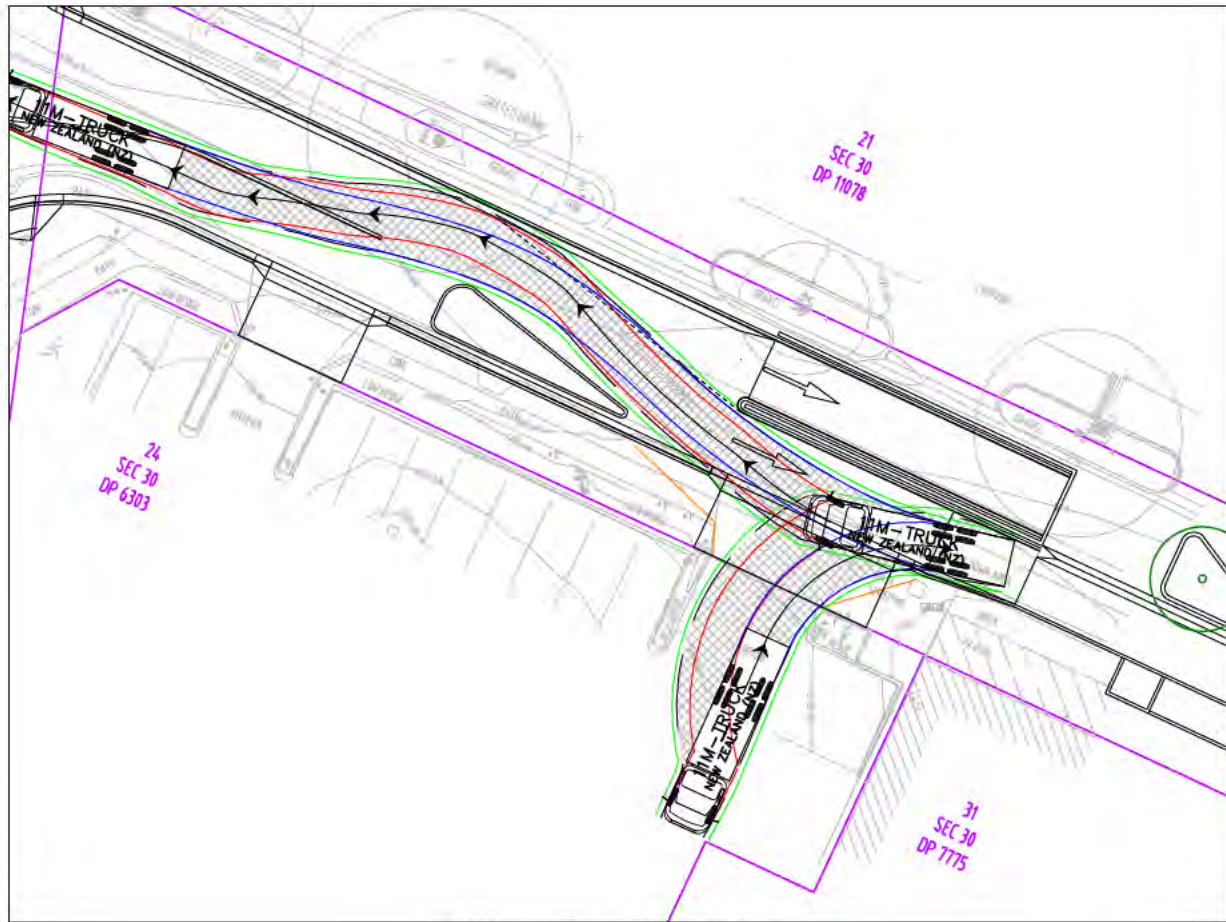
	meters
Width	: 2.50
Track	: 2.50
Lock to Lock Time	: 6.0
Steering Angle	: 38.7

NOT FOR CONSTRUCTION

REVISION		DESCRIPTION		ISSUED	VER'D	APP'D	DATE	CLIENT	ARCHITECT	PROJECT		DRAWING TITLE		JOB NUMBER	
1	FOR INFORMATION			WB			10.09.16	COLES GROUP PROPERTY DEVELOPMENT	TURNER	 ALL SETOUT TO ARCHITECT'S DRAWINGS. DIMENSIONS TO BE VERIFIED WITH THE ARCHITECT AND ON SITE BEFORE MAKING SHOP DRAWINGS OR COMMENCING WORK. NORTHROP ACCEPTS NO RESPONSIBILITY FOR THE USABILITY, COMPLETENESS OR SCALE OF DRAWINGS TRANSFERRED ELECTRONICALLY.  Canberra Unit 2, 2-4 Shea Street, Phillip ACT 2606 Ph (02) 6285 1822 Fax (02) 6285 1863 Email: canberra@northrop.com.au ABN 81 09 33 100	DICKSON MIXED USE SECTION 30 DICKSON		CIVIL WORKS VEHICLE TURNING TEMPLATES LOADING DOCK SHEET 6		CR181746
2	FOR INFORMATION (v2)			JC			13.09.18				DRAWING NUMBER	REVISION			
3	FOR INFORMATION (v3)			RC			13.11.18				SK115	4			
4	FOR INFORMATION (v4)			RC			14.11.18				DRAWING SHEET SIZE: A1				
DRAWING NOT TO BE USED FOR CONSTRUCTION UNLESS VERIFICATION SUBMITTED HAS BEEN APPROVED											THE COPYRIGHT OF THIS DRAWING REMAINS WITH NORTHROP		 PLAN SCALE 1:200 @ A1		



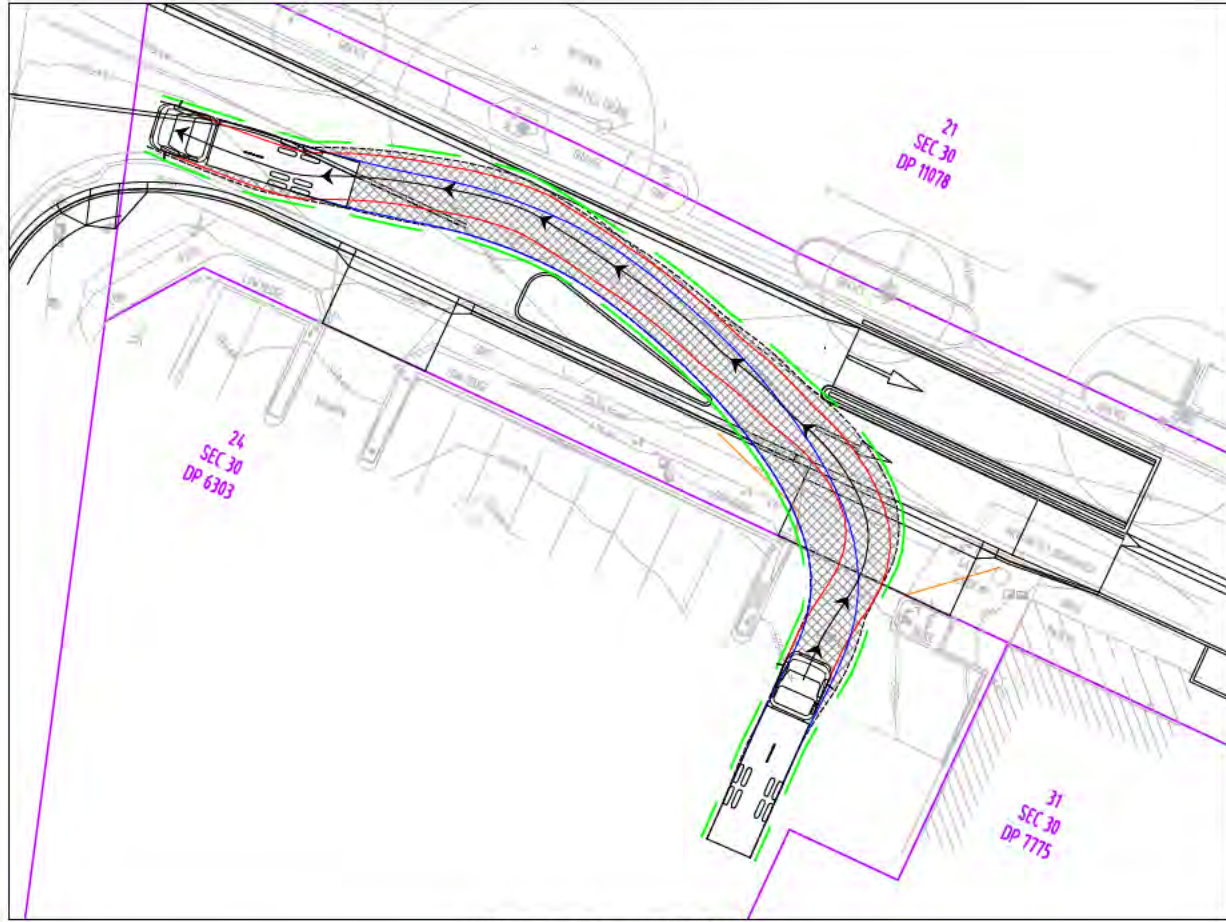
MOVEMENT 1 - FRONT IN



MOVEMENT 2 - REVERSE OUT



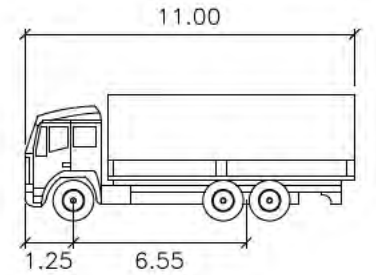
MOVEMENT 3 - REVERSE IN



MOVEMENT 4 - FRONT OUT

LEGEND

- BLOCK BOUNDARY
- PROPOSED KERB LINE/DRIVEWAY
- DENOTES FRONT WHEEL PATH
- DENOTES REAR WHEEL PATH
- DENOTES VEHICLE BODY OVER HANG
- DENOTES 300mm VEHICLE BODY OFFSET



11M-TRUCK

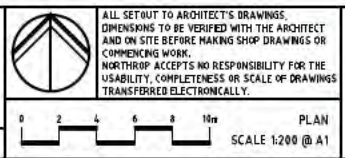
Width : 2.50
Track : 2.50
Lock to Lock Time : 6.0
Steering Angle : 37.4

VERIFIER: JOB MANAGER: DTIELD DESIGNED: JCLANCY DRAWN: JCLANCY

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
1	FOR INFORMATION	JC			05.09.18
2	FOR INFORMATION (v2)	JC			06.09.18
3	FOR INFORMATION (v3)	JC			07.09.18
4	FOR INFORMATION (v4)	JC			21.09.18
5	FOR INFORMATION (v5)	RC			13.11.18
6	FOR INFORMATION (v6)	RC			14.11.18

CLIENT	COLES GROUP PROPERTY DEVELOPMENT
ARCHITECT	TURNER

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NORTHROP
Canberra
Unit 2, 2-6 Shea Street, Phillip ACT 2606
Ph (02) 6285 1822 Fax (02) 6285 1863
Email canberra@northrop.com.au AIN 81 09 33 100

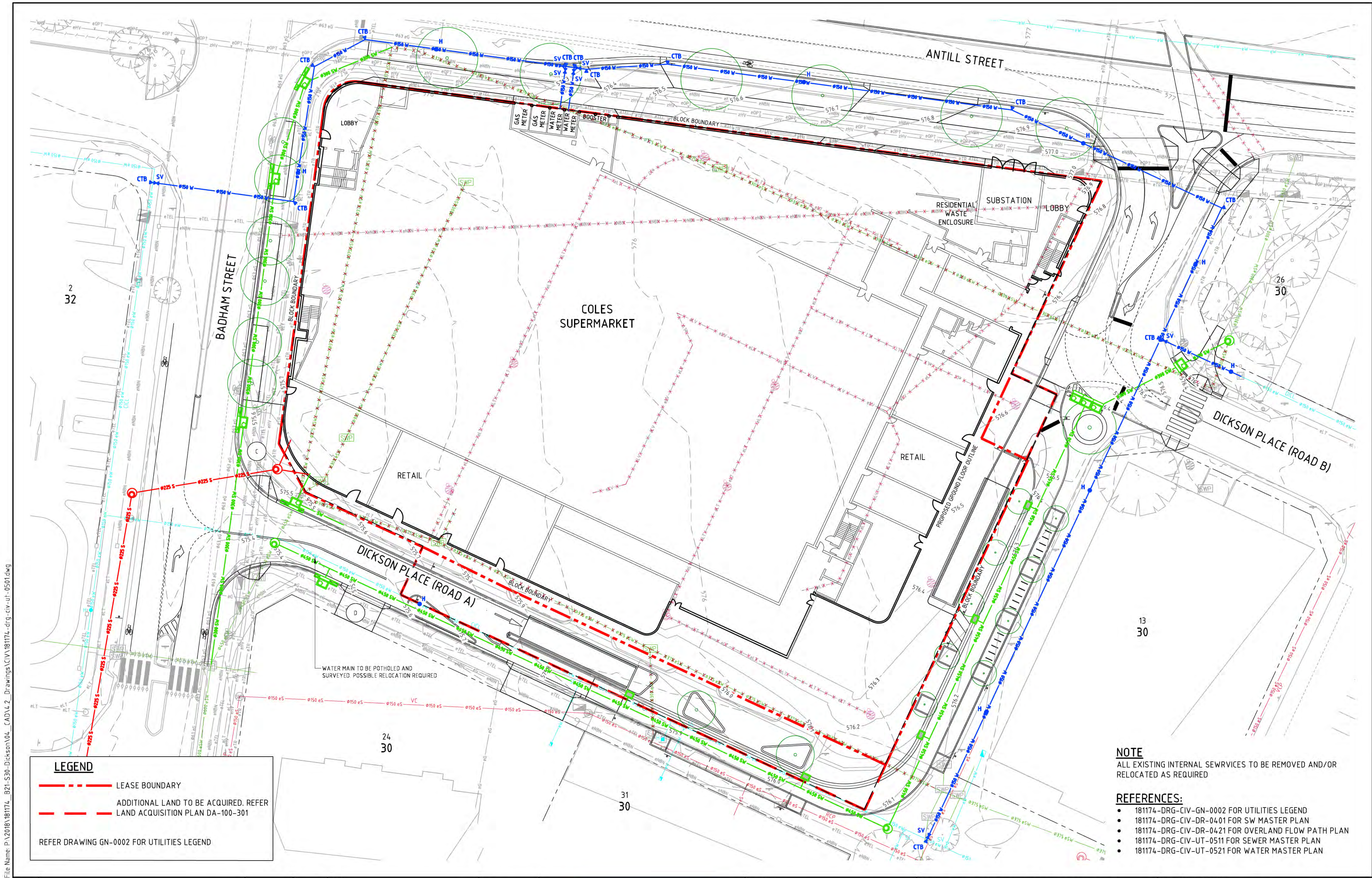
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DRAWING TITLE	CIVIL WORKS VEHICLE TURNING TEMPLATES MCDONALDS WASTE COLLECTION 11m HRV
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JOB NUMBER	CR181746
DRAWING NUMBER	C030
REVISION	6
DRAWING SHEET SIZE	A1

NOT FOR CONSTRUCTION

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E	NEW TREES REVISED ON ANTILL STREET	17.12.2018	DA
D	DEVELOPMENT APPLICATION	14.12.2018	DA
C	EDP UPDATE	14.11.2018	DA
B	EDP UPDATE	12.11.2018	DA
A	ESTATE DEVELOPMENT PLANS	9.11.2018	DA
Rev	Description	Date	Drawn By

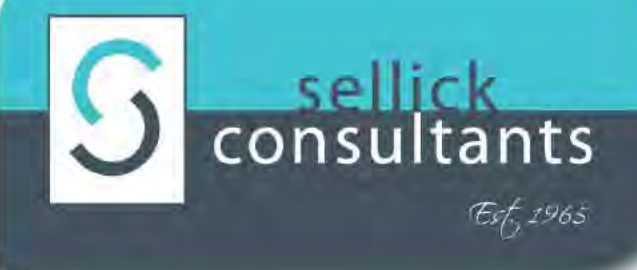
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1:250 @ A1

North

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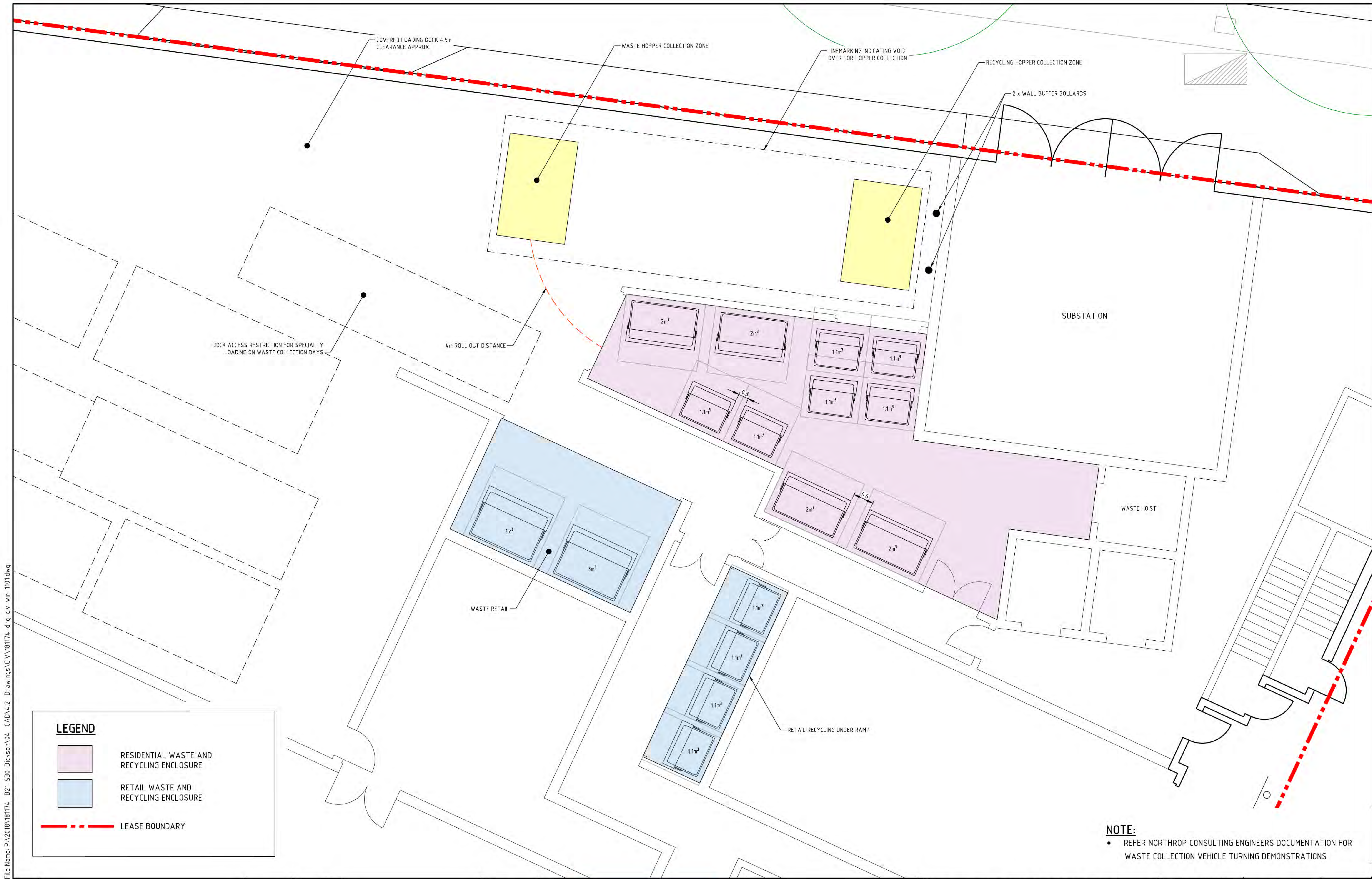
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 GROUP PROPERTY DEVELOPMENTS

NOT FOR CONSTRUCTION			
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Date Plotted	20-Dec-18	Designed By	AE
Coordinate System	STROMLO GRID	Approved	BC
Height Datum	AHD	Approved Signature	

Project Name and Location					
DICKSON MIXED USE PROJECT					
BLOCK 21 SECTION 30 DICKSON ACT					
Drawing Title					
UTILITIES INFRASTRUCTURE PLAN					
Project Number	181174	Type	DRG	Discipline	CIV
Sub-Discipline	UT	Drg No.	0501	Rev	F

File Name: P:\2018\18174_ B21-S30-Dickson\04_ CAD\4.2_Drawings\CIV\18174-drg-civ-wm-1101.dwg



				Scales 011.522.5m 1:50 @ A1 North 		 www.sellickconsultants.com.au		Client Logo  GROUP PROPERTY DEVELOPMENTS		Status NOT FOR CONSTRUCTION <table><tr><td>Original Size</td><td>A1</td><td>Drawn By</td><td>DA</td><td>Drafting Check</td><td>DCA</td></tr><tr><td>Date Plotted</td><td>20-Dec-18</td><td>Designed By</td><td>AE</td><td>Design Check</td><td>BC</td></tr><tr><td>Coordinate System</td><td>STROMLO GRID</td><td>Approved</td><td>BC</td><td>Approved Date</td><td>9.11.2018</td></tr><tr><td>Height Datum</td><td>AHD</td><td colspan="4">Approved Signature</td></tr></table>				Original Size	A1	Drawn By	DA	Drafting Check	DCA	Date Plotted	20-Dec-18	Designed By	AE	Design Check	BC	Coordinate System	STROMLO GRID	Approved	BC	Approved Date	9.11.2018	Height Datum	AHD	Approved Signature				Project Name and Location DICKSON MIXED USE PROJECT BLOCK 21 SECTION 30 DICKSON ACT Drawing Title WASTE MANAGEMENT PLAN <table><tr><td>Project Number</td><td>Type</td><td>Discipline</td><td>Sub-Discipline</td><td>Drg No.</td><td>Rev</td></tr><tr><td>181174</td><td>DRG</td><td>CIV</td><td>WM</td><td>1101</td><td>E</td></tr></table>						Project Number	Type	Discipline	Sub-Discipline	Drg No.	Rev	181174	DRG	CIV	WM	1101	E
Original Size	A1	Drawn By	DA	Drafting Check	DCA																																																		
Date Plotted	20-Dec-18	Designed By	AE	Design Check	BC																																																		
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181174	DRG	CIV	WM	1101	E																																																		
E	REVISED DEVELOPMENT APPLICATION	20.12.2018	DA																																																				
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C	EDP UPDATE	14.11.2018	DA																																																				
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A	ESTATE DEVELOPMENT PLANS	9.11.2018	DA	DO NOT SCALE OFF DRAWINGS. VERIFY ALL DIMENSIONS ON SITE PRIOR TO WORK. COPYRIGHT: The contents and information contained in this document are copyright of Sellick Consultants, Use or copy of this document in whole or part without written permission constitutes an infringement of copyright.																																																			
Rev	Description	Date	Drawn By																																																				

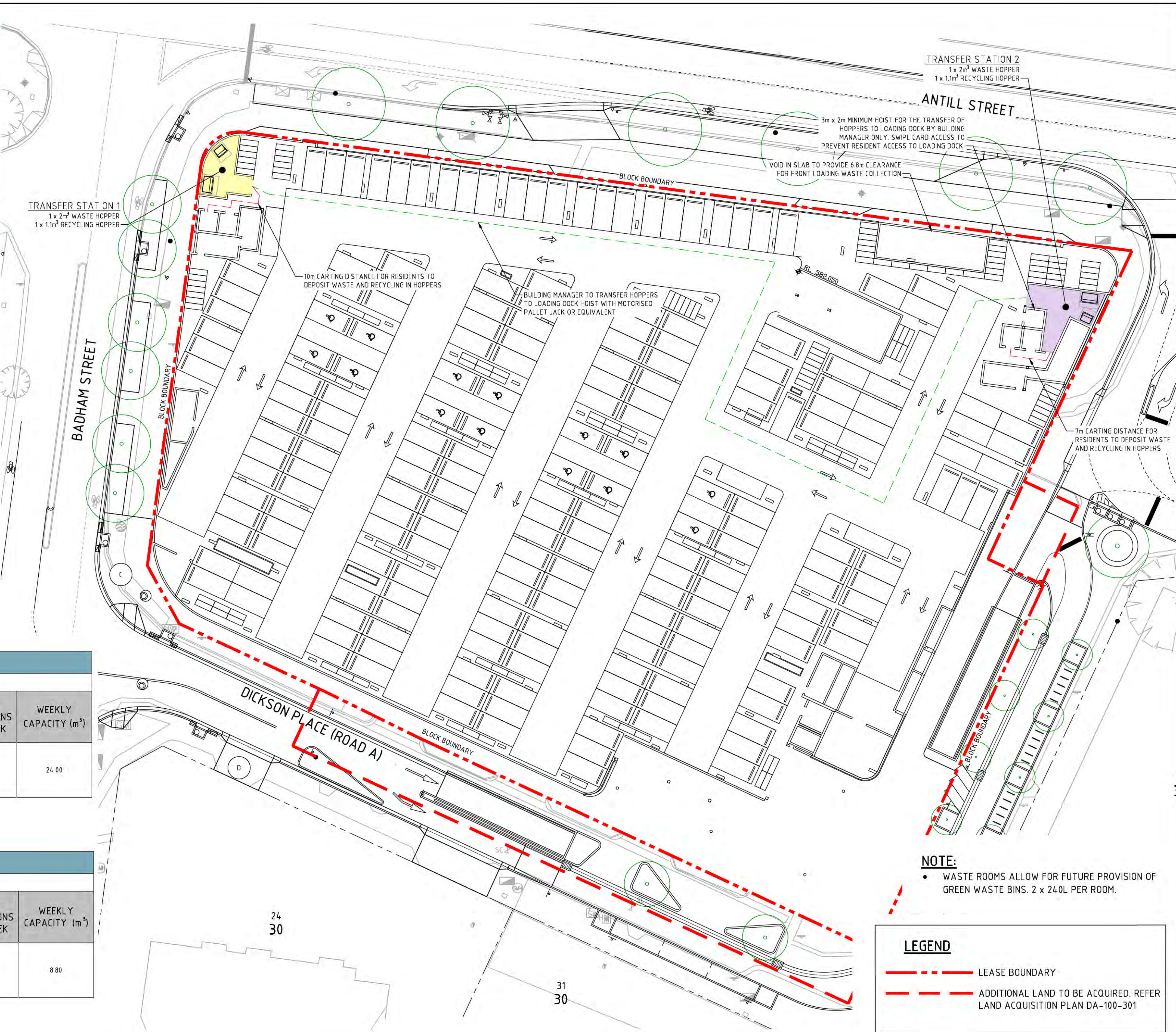
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WASTE REQUIREMENTS						
RESIDENTIAL						
NO. OF BEDS	NO. OF UNITS	WASTE/UNIT /WEEK (LITRES)	TOTAL WASTE (m ³)	BIN SIZE	NO. OF COLLECTIONS PER WEEK	WEEKLY CAPACITY (m ³)
4+	0	140	0.00	4 x 2m ³	2	16.00
3	15	120	1.80			
2	55	100	5.50			
1+S	7	90	0.63			
1	63	80	5.04			
TOTAL	140		12.97			

RECYCLING REQUIREMENTS						
RESIDENTIAL						
NO. OF BEDS	NO. OF UNITS	RECYCLING/UNIT /WEEK (LITRES)	TOTAL RECYCLING (m ³)	BIN SIZE	NO. OF COLLECTIONS PER WEEK	WEEKLY CAPACITY (m ³)
4+	0	120	0.00	6 x 1.1m ³	2	13.20
3	15	110	1.65			
2	55	90	4.95			
1+S	7	80	0.56			
1	63	70	4.41			
TOTAL	140		11.57			

WASTE REQUIREMENTS							
COMMERCIAL							
USAGE	AREA m ²	DAYS OF OPERATION	WASTE/100m ² /DAY (LITRES)	TOTAL WASTE/ WEEK (m ³)	BIN SIZE	NO. OF COLLECTIONS PER WEEK	WEEKLY CAPACITY (m ³)
RESTAURANT	434	7	660	20.051	2 x 3.0m ³	4	24.00
RETAIL	652	7	50	2.282			
TOTAL	1086			22.333			

RECYCLING REQUIREMENTS							
COMMERCIAL							
USAGE	AREA m ²	DAYS OF OPERATION	RECYCLING/100m ² /DAY (LITRES)	TOTAL RECYCLING/ WEEK (m ³)	BIN SIZE	NO. OF COLLECTIONS PER WEEK	WEEKLY CAPACITY (m ³)
RESTAURANT	434	7	135	4.101	4 x 1.1m ³	2	8.80
RETAIL	652	7	25	1.141			
TOTAL	1086			5.242			



F	REVISED DEVELOPMENT APPLICATION	20.12.2018	DA
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C	EDP UPDATE	14.11.2018	DA
B	EDP UPDATE	12.11.2018	DA
A	ESTATE DEVELOPMENT PLANS	9.11.2018	DA
Rev	Description	Date	Drawn By

Scale:
0 5 7.5 10 12.5m
1:250 @ A1

North

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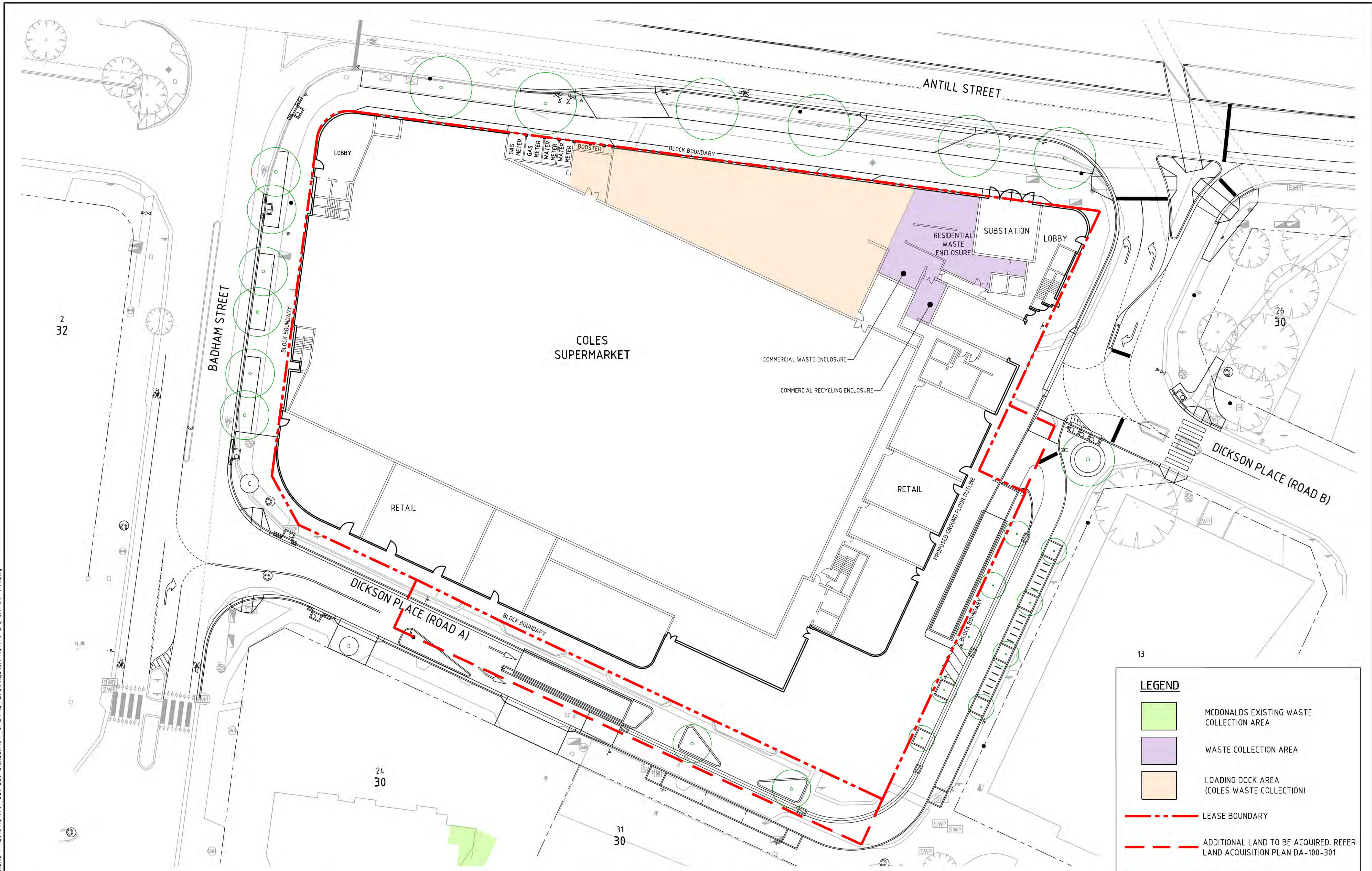
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Status
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Date Plotted	20-Dec-18	Designed By	AE	Design Check	BC
Coordinate System	STROMLO GRID	Approved	BC	Approved Date	9.11.2018
Height Datum	AHD	Approved Signature			

Project Name and Location DICKSON MIXED USE PROJECT BLOCK 21 SECTION 30 DICKSON ACT					
Drawing Title WASTE MANAGEMENT PLAN LEVEL 1					
Project Number	Type	Discipline	Sub-Discipline	Drg No.	Rev
181174	DRG	CIV	WM	1102	F

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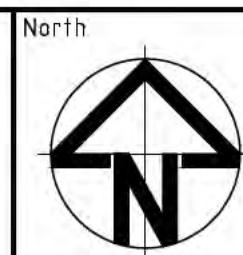
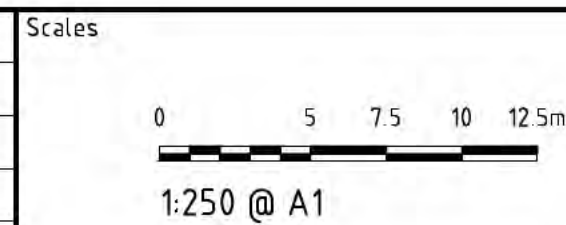


13

LEGEND

- MCDONALDS EXISTING WASTE COLLECTION AREA
- WASTE COLLECTION AREA
- LOADING DOCK AREA (COLES WASTE COLLECTION)
- LEASE BOUNDARY
- ADDITIONAL LAND TO BE ACQUIRED. REFER LAND ACQUISITION PLAN DA-100-301

F	REVISED DEVELOPMENT APPLICATION	20.12.2018	DA
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C	EDP UPDATE	14.11.2018	DA
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A	ESTATE DEVELOPMENT PLANS	9.11.2018	DA
Rev	Description	Date	Drawn By



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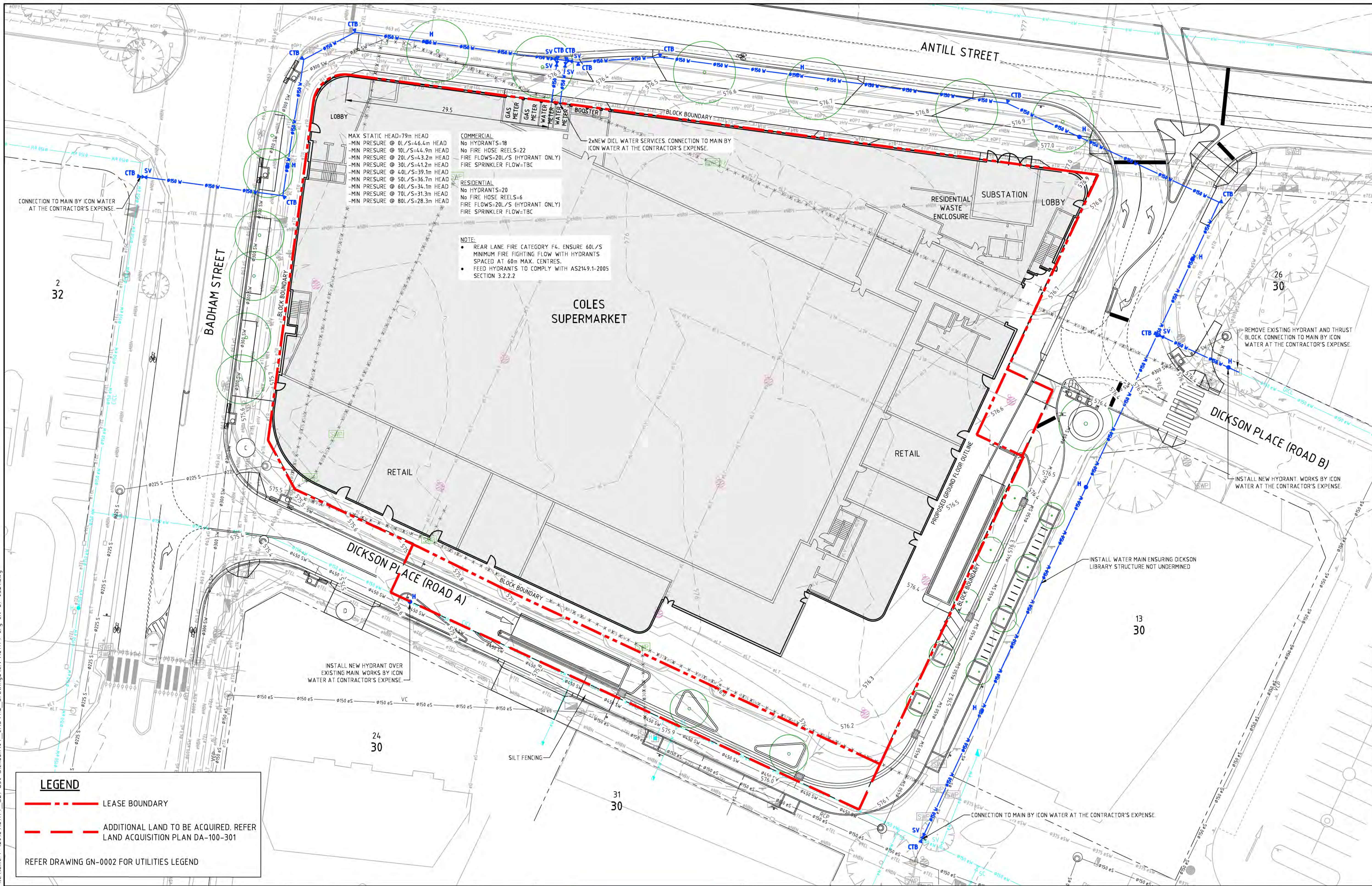
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Coordinate System	STROMLO GRID	Approved	BC
Height Datum	AHD	Approved Date	9.11.2018
Approved Signature			

Project Name and Location					
DICKSON MIXED USE PROJECT					
BLOCK 21 SECTION 30 DICKSON ACT					
Drawing Title					
WASTE COLLECTION PLAN					
Project Number	Type	Discipline	Sub-Discipline	Drg No.	Rev
181174	DRG	CIV	WM	1111	F

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D	DEVELOPMENT APPLICATION	14.12.2018	DA
C	EDP UPDATE	14.11.2018	DA
B	EDP UPDATE	12.11.2018	DA
A	ESTATE DEVELOPMENT PLANS	9.11.2018	DA
Rev	Description	Date	Drawn By

Scales	North

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GROUP PROPERTY DEVELOPMENTS

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GROUP PROPERTY DEVELOPMENTS

Status			
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Original Size	A1	Drawn By	DA
Date Plotted	20-Dec-18	Designed By	AE
Coordinate System	STROMLO GRID	Approved	BC
Height Datum	AHD	Approved Date	9.11.2018
Approved Signature			

Project Name and Location					
DICKSON MIXED USE PROJECT					
BLOCK 21 SECTION 30 DICKSON ACT					
Drawing Title					
WATER MASTER PLAN					
Project Number	181174	Type	DRG	Discipline	CIV
Sub-Discipline	UT	Drg No.	0521	Rev	F