PROJECT NAME:

PROPOSED OFFICE DEVELOPMENT

PROJECT LOCATION:

BLOCK 40 SECTION 19 CANBERRA CITY, ACT

CLIENT:

CANBERRA AIRPORT GROUP

DRAWING INDEX:

GN-0001 COVER SHEET, DRAWING INDEX AND LOCALITY PLAN
GN-0002 GENERAL NOTES AND LEGEND

GN-0010 GENERAL KEY PLAN

AL-0101 GENERAL ARRANGEMENT PLAN

AL-0121 ALIGNMENT CONTROL AND GRADING PLAN
AL-0141 ALIGNMENT LONGITUDINAL SECTIONS SHEET 1
AL-0142 ALIGNMENT LONGITUDINAL SECTIONS SHEET 2

EW-0201 EARTHWORKS CUT AND FILL VOLUMES PLAN

PV-0300 PAVEMENT NOTES

PV-0301 PAVEMENT PLAN
PV-0341 PAVEMENT DETAILS SHEET 1
PV-0342 PAVEMENT DETAILS SHEET 2

DR-0400 STORMWATER NOTES AND DETAILS DR-0401 STORMWATER PLAN SHEET 1

DR-0402 STORMWATER PLAN SHEET 2
DR-0421 STORMWATER LONGITUDINAL SECTION

WM-0600 WASTE MANAGEMENT NOTES WM-0601 WASTE MANAGEMENT PLAN



WASTE MANAGEMENT DETAILS

canberra sydney

ABN 82 634 296 629



JOB NUMBER:

231129

DISCIPLINE

CIVIL ENGINEERING

SUBMISSION TYPE:

WORKS APPROVAL



LOCALITY PLAN

				Status	NOT FOR (CONSTRUC	CTION	Project Name and Location PROPOSED OFFICE DEVELOPMENT		
				Original	ginal Drawn By Drafting Check			BLOCK 40 SECTION 29 CITY, ACT		
				Size	A1	DA		Drawing Title		
				Date Plotted	27-Jun-24	Designed By AM	Design Check	COVER SHEET, DRAWING INDEX		
	50% ISSUE	27.06.2024	DA	Coordinate System	GDA2020/MGA 55	Approved	Approved Date	AND LOCALITY PLAN		
	FOR WORKS APPROVAL	22.03.2024	DA	Height		Approved Signature		Project Number Type Discipline Sub-Discipline Drg No. Rev		
٧	Description	Date	Drawn By		AHD	3		231129		

WM-0611

<u>NOTATION</u>

BK	BARRIER KERB
СН	CHAINAGE
CK	CASTELLATED KERB
CL	COVER LEVEL
СТВ	CONCRETE THRUST BLOCK
СТ	CONCRETE THRUST PIER
DP	DOWN PIPE
FSL	FINISHED SURFACE LEVEL
FK	FLUSH KERB
Н	HYDRANT
HER	HIGH END RISER
HW	HEAD WALL
IL	INVERT LEVEL
IP	INTERSECTION POINT
IR	INTERMEDIATE RISER
K4A	k4A KERB
KR	KERB RETURN
KG	KERB AND GUTTER
K0	KERB ONLY
MH	MANHOLE
MK	MOUNTABLE KERB
MKG	MOUNTABLE KERB AND GUTTER
MS	MOWING STRIP
OCI	OPEN CONCRETE INVERT
PC	PRAM CROSSING
PTB	PIER THRUST BLOCK
PR	PRAM RAMP
RL	REDUCED LEVEL
ROCI	REINFORCED OPEN CONCRETE INVERT
RVC	REINFORCED VEHICLE CROSSING
SC	STOP COCK
SS	SUBSOIL
SV	STOP VALVE
TP	TANGENT POINT
TS	TRENCH STOP
TW	THRUST WALL
VC	VEHICULAR CROSSING

ALIGNMENT

GENERAL NOTES

- 1. THE CONTRACTOR MUST COMPLY WITH CURRENT WORK AND HEALTH AND SAFETY LEGISLATION, REGULATIONS AND CODES OF PRACTICE.
- 2. THE CONTRACTOR MUST SECURE ALL PERMITS. ARRANGE ALL CLEARANCES AND PAY ALL FEES REQUIRED TO COMPLETE THE PROJECT BEFORE COMMENCING WORK OR PRIOR TO THEM CAUSING DELAY TO THE PROJECT.
- 3. THE CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION WORKS BEING CARRIED OUT IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- 4. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING LEVELS WITHIN THE SITE PRIOR TO COMMENCEMENT OF WORKS. ANY DISCREPANCIES SHALL BE REFERRED TO THE DESIGN CONSULTANT A MINIMUM 7 DAYS PRIOR TO COMMENCEMENT OF ASSOCIATED WORKS.
- 5. THE CONTRACTOR SHALL ENSURE DISTURBED SURFACES OUTSIDE THE GENERAL LIMIT OF WORK IS REINSTATED AT THE CONTRACTORS EXPENSE, TO THE SUPERINTENDENTS SATISFACTION, THESE SURFACES INCLUDE BUT ARE NOT LIMITED TO ROAD PAVEMENTS, KERBS, VERGE PAVING OR GRASSING, PEDESTRIAN FOOTPATHS AND DRIVEWAYS.
- 6. THE CONTRACTOR IS RESPONSIBLE FOR MAKING SMOOTH CONNECTION TO EXISTING.
- 7. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL TEMPORARY EARTHWORKS IN A STABLE CONDITION DURING CONSTRUCTION. TEMPORARY SHORING AND BATTERING MUST BE IN ACCORDANCE WITH AS3798
- 8. THE CONTRACTOR SHALL MAKE PROVISIONS FOR BOTH VEHICULAR AND PEDESTRIAN TRAFFIC AND SITE VISITORS. THE CONTRACTOR MUST ENSURE SAFE ACCESS FOR NON CONSTRUCTION PEOPLE.
- 9. THE CONTRACTOR IS RESPONSIBLE FOR THE PREPARATION OF ALL NECESSARY TEMPORARY TRAFFIC MANAGEMENT PLANS APPROVED IN ACCORDANCE WITH AS1742.3 AND RELEVANT AUTHORITY REQUIREMENTS.
- 10. THE CONTRACTOR IS RESPONSIBLE FOR THE PREPARATION OF ALL NECESSARY POLLUTION CONTROL PLANS AND THEIR APPROVAL.
- 11. THE CONTRACTOR SHALL ENSURE ALL MATERIALS AND WORKMANSHIP IS IN ACCORDANCE WITH RELEVANT CURRENT CODES, STANDARDS, CONTRACT REQUIREMENTS AND AUTHORITY REQUIREMENTS.
- 12. THE CONTRACTOR SHALL LIAISE WITH ALL ADJACENT CONTRACTS TO ENSURE ALL ALIGNMENTS AND LEVELS OF NEW OR RELOCATED UTILITIES ARE COMPATIBLE.
- 13. THE INFORMATION PROVIDED IN THESE DRAWINGS PREPARED BY SELLICK CONSULTANTS IS SOLELY FOR THE USE OF THE RECIPIENT. SELLICK CONSULTANTS HAS NO DUTY OF CARE OR ACCEPTS ANY RESPONSIBILITY FOR A THIRD PARTY WHO MAY RELY UPON THESE DOCUMENTS FOR ANY PURPOSE.
- 14. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH OTHER ENGINEERING/ ARCHITECTURAL DRAWINGS AND SPECIFICATIONS OR OTHER WRITTEN INSTRUCTION THAT MAY BE ISSUED DURING THE TIME OF THE CONTRACT.
- 15. BLOCK BOUNDARIES SHOWN ON THESE DRAWINGS ARE IN ACCORDANCE WITH SUPPLIED DIGITAL DATA OR SURVEYED.
- 16. DO NOT SCALE THESE DRAWINGS.
- 17. ALL DIMENSIONS ARE IN MILLIMETERS OR METERS
- 18. ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM (AHD).
- 19. ORIGIN OF SURVEYED AND DESIGN COORDINATES NOTED CO-ORDINATE SYSTEM

UTILITIES NOTES

- 1. THE UTILITIES INDICATED ON THESE DRAWINGS WERE COMPILED FROM DIGITAL PLANS ISSUED BY UTILITY AUTHORITIES VIA THE DIAL BEFORE YOU DIG SERVICE. THE INFORMATION PROVIDED WAS PREPARED SOLELY FOR THE USE OF THE AUTHORITY AND IS NOT NECESSARILY ACCURATE.
- 2. BEFORE COMMENCING WORK THE CONTRACTOR SHALL CONTACT THE RELEVANT UTILITY AUTHORITIES AND VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES ON SITE AND OBTAIN NECESSARY CLEARANCES FOR POTHOLING AND CONSTRUCTION. DISCREPANCIES BETWEEN THE CONSTRUCTION DRAWINGS AND THE PHYSICAL ONSITE CONDITIONS MUST BE REPORTED BACK TO THE DESIGN CONSULTANT A MINIMUM 7 DAYS PRIOR TO COMMENCEMENT OF WORKS.
- 3. BEFORE COMMENCING EXCAVATION THE CONTRACTOR SHALL EXPOSE ALL CROSSINGS AND CONNECTIONS POINTS ON EXISTING UNDERGROUND UTILITIES. THE LEVELS OF CONNECTION POINTS AND LEVELS OF EACH CROSSING SHALL BE SURVEYED AND ANY VARIATIONS OF THE LEVELS GIVEN OR ANY DIFFICULTIES IN BEING ABLE TO ACHIEVE THE REQUIRED GRADES OF NEW PIPELINES SHALL BE REPORTED TO THE SUPERINTENDENT. A MINIMUM OF 7 DAYS PRIOR TO THE COMMENCEMENT OF WORKS
- 4. BEFORE COMMENCING WORK THE CONTRACTOR SHALL ARRANGE THE RELOCATION OR ADJUSTMENT OF A UTILITY SERVICE TO THE APPROVAL OF THE RELEVANT UTILITY AUTHORITY.
- 5. BEFORE COMMENCING WORK THE CONTRACTOR SHALL LOCATE AND MARK ALL UTILITIES WITHIN THE EXTENT OF WORKS.
- 6. IF AN UNDERGROUND SERVICE IS DAMAGED DURING CONSTRUCTION THE CONTRACTOR SHALL NOTIFY THE SUPERINTENDENT AND THE RELEVANT UTILITY AUTHORITY IMMEDIATELY. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AT NO EXTRA COST TO THE PRINCIPAL.

ICON WATER NOTES

- 1. ALL WORK ON ICON WATER WATER SUPPLY AND SEWER MAINS TO BE CARRIED OUT IN ACCORDANCE WITH CURRENT STANDARDS. REFER TO WWW.ICONWATER.COM.AU FOR THE CURRENT RELEASE OF STANDARDS
- WSA-02 'GRAVITY SEWERAGE CODE OF AUSTRALIA'
- STD-SPE-G-011 'ICON WATER SUPPLEMENT TO WSA-02'
- WSA-03 'WATER SUPPLY CODE OF AUSTRALIA'
- STD-SPE-G-012 'ICON WATER SUPPLEMENT TO WSA-03'
 STD-SPE-M-006 'REQUIREMENTS FOR PROPERTY SERVICE CONNECTIONS'
- 2. CONNECTIONS AND OR DISCONNECTIONS OF SEWER AND WATER AT THE MAIN TO BE MADE BY ICON WATER AT CONTRACTOR'S EXPENSE. THE CONTRACTOR IS TO EXPOSE THE MAIN AT THE LOCATION OF THE CONNECTION/DISCONNECTION IN PREPARATION FOR THE WORK BY ICON WATER. ALL EXCAVATION IN THE VICINITY OF MAINS IS TO BE CARRIED OUT BY HAND.
- 3. THE CONTRACTOR MUST VISIT THE SITE OF WORKS BEFORE TENDERING AND MAKE ALLOWANCES IN THEIR TENDER FOR ALL TOPOGRAPHIC CONSTRAINTS AFFECTING THE EXECUTION OF THE WORKS AND THE RESTORATION OF THE SITE.
- 4. ALTHOUGH THE POSITIONS OF EXISTING UNDERGROUND SERVICES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS, THE CONTRACTOR SHALL CONFIRM THE DEPTH AND LOCATION OF ALL SERVICES ON SITE BEFORE COMMENCING EXCAVATIONS. CONTRACTOR TO ADVISE DESIGN ENGINEER IF NOT IN ACCORDANCE WITH THE PLAN.
- 5. ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM (AHD). ALL COORDINATES ARE BASED ON NOTED CO-ORDINATE SYSTEM.
- 6. THE CONTRACTOR MUST SECURE ALL PERMITS, ARRANGE ALL CLEARANCES AND PAY ALL FEES REQUIRED TO COMPLETE THE PROJECT BEFORE COMMENCING WORK.
- 7. WORK AS EXECUTED DRAWINGS, TIE BOOK AND DEPOSITED PLAN MUST BE SUBMITTED BEFORE CONNECTION.
- 8. ANY NON-METALLIC WATER SERVICE IS TO BE INSTALLED WITH TRACER WIRE AND TESTED.
- 9. EXCESS EXCAVATED MATERIAL SHALL BE REMOVED FROM SITE AND DISPOSED OF AT AN
- APPROVED SPOIL AREA.
- 10. THE CONTRACTOR SHALL REINSTATE ALL DISTURBED SURFACES TO MATCH EXISTING.
- 11. THE CONTRACTOR IS RESPONSIBLE FOR THE PREPARATION OF ALL NECESSARY TEMPORARY TRAFFIC MANAGEMENT PLANS AND THEIR APPROVAL.
- 12. CONTRACTOR TO CONFIRM DEPTH OF SEWER AND STORMWATER TIE POINTS PRIOR TO COMMENCEMENT OF CONSTRUCTION. ADVISE DESIGN ENGINEER IF NOT IN ACCORDANCE WITH PLAN.
- 13. ANY DEVIATION OF PIPE MATERIAL TO BE PROPOSED TO ENGINEER PRIOR TO INSTALLATION.
- 14. FOR ALL ICON CONNECTIONS THE CONTRACTOR SHALL SUPPLY ALL PIPE AND FITTING SIZES DN300 OR LARGER. PIPE AND FITTING MATERIALS ARE TO BE SUBMITTED TO ICON WATER PRIOR TO WORKS FOR APPROVAL.
- 15. SULPHATE RESISTING (SR) CONCRETE IS TO BE USED ON ALL SEWER MAINTENANCE STRUCTURES.

SEWER EXPLANATIONS

PIPE INFORMATION BOX

601.005 Ø150 uPVC 13.5m 7.62%

600.022

UPSTREAM INVERT LEVEL PIPE INTERNAL DIAMETER PIPE MATERIAL RCP,VC OR PVC

PIPE LENGTH

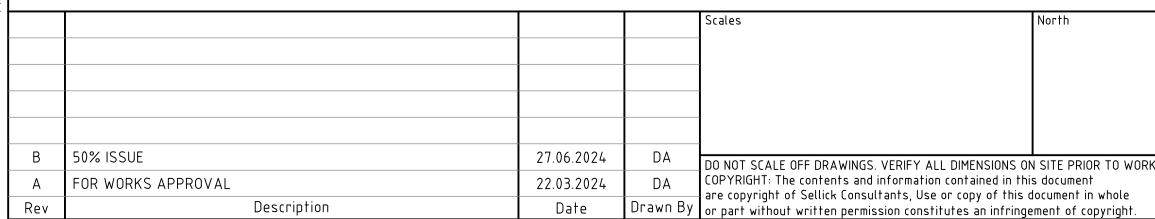
PIPE GRADE

DOWNSTREAM INVERT LEVEL

SEWER STRUCTURE ID



SEWER LINE S2, SEWER STRUCTURE '1'



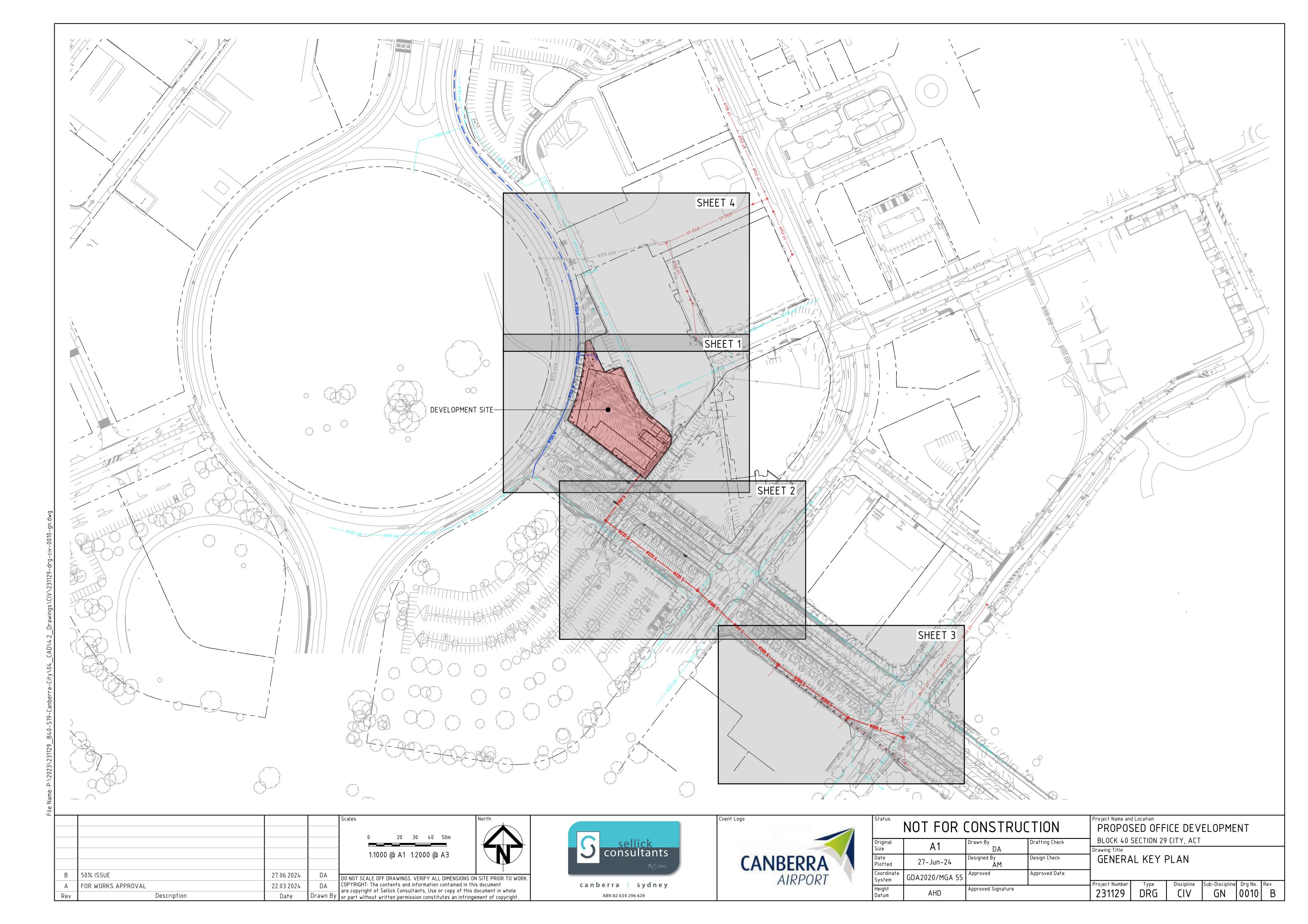


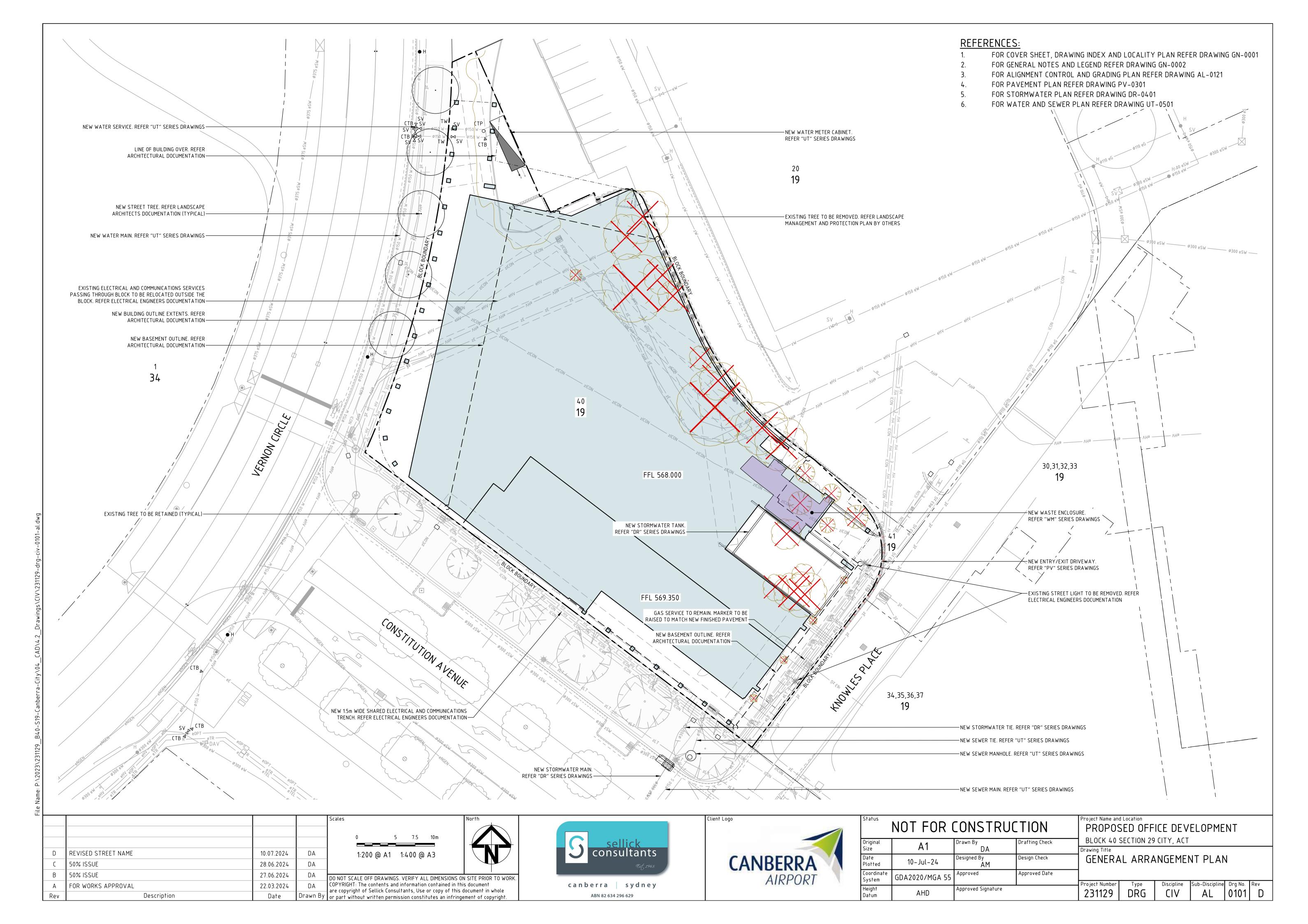
canberra sydney

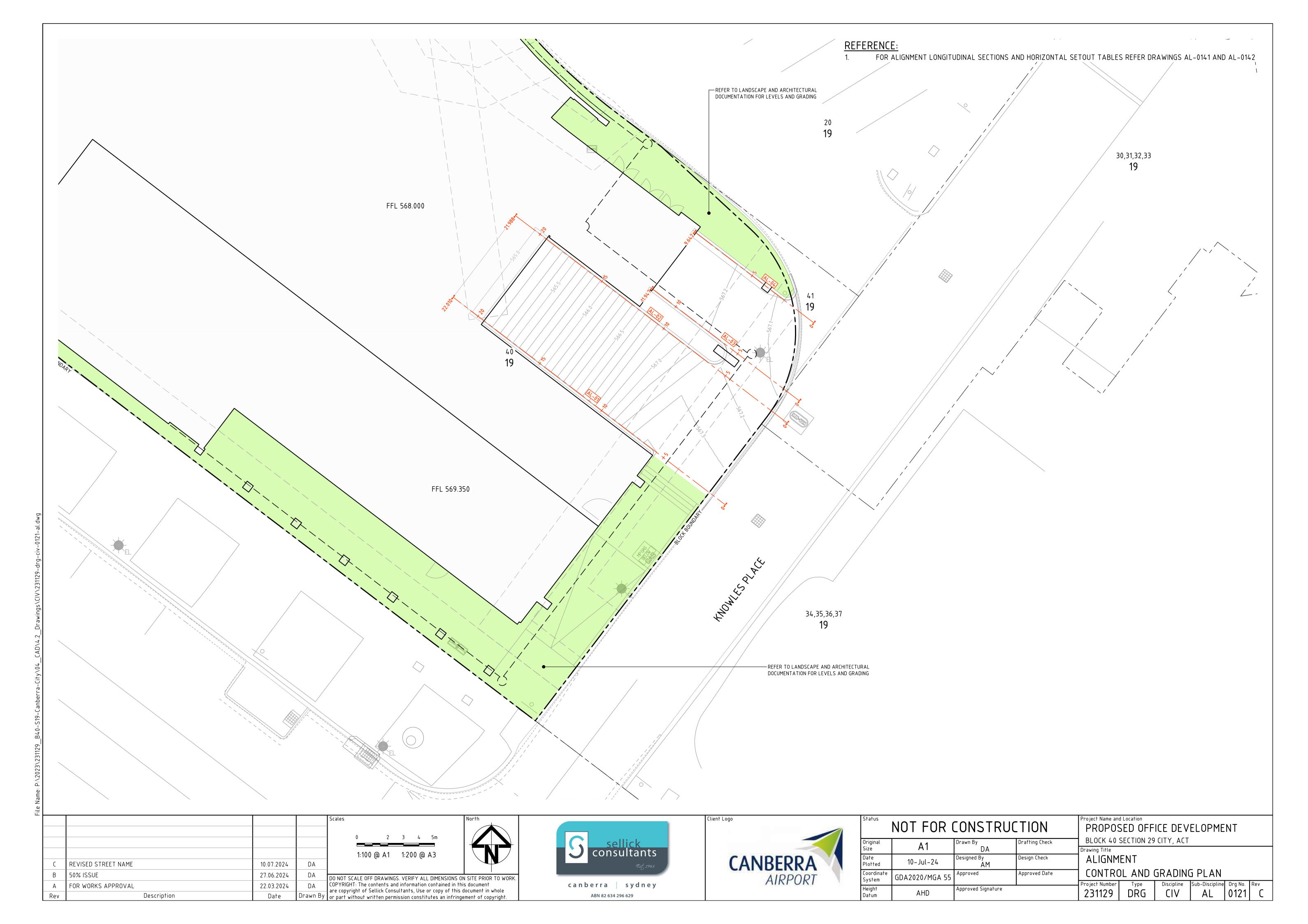
ABN 82 634 296 629



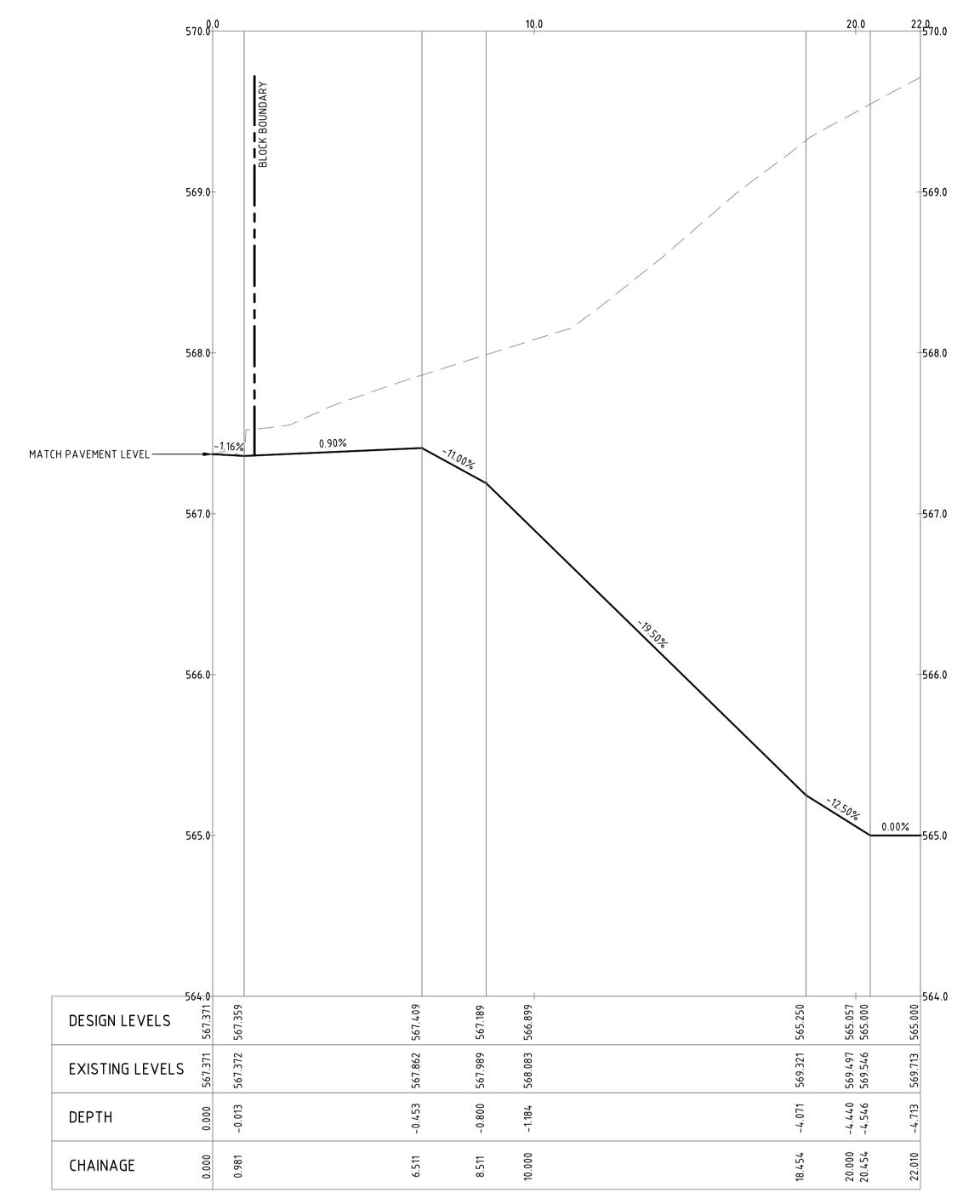
Status	NOT FOR (CONSTRUC	TION	Project Name and Location PROPOSED OFFICE DEVELOPMENT					
Original	Λ1	Drawn By	Drafting Check	BLOCK 40 SECTION 29 CITY, ACT Drawing Title GENERAL NOTES AND LEGEND					
Size	A1	DA							
Date Plotted	27-Jun-24	Designed By AM	Design Check						
Coordinate System	GDA2020/MGA 55	Approved	Approved Date						
Height Datum	AHD	Approved Signature	I	Project Number 231129	Type DRG	Discipline CIV	Sub-Discipline GN	Drg No. 0002	Rev B





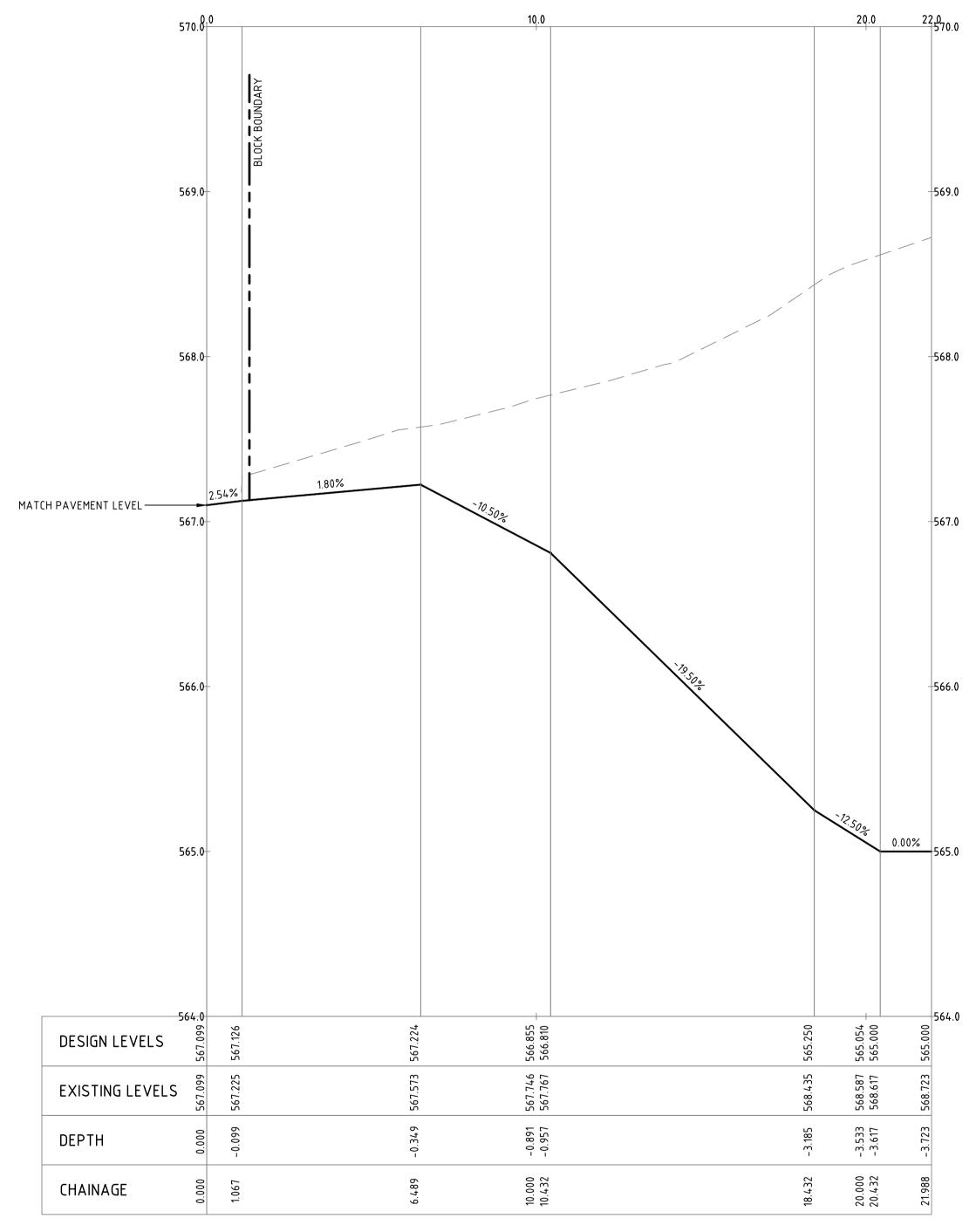


AL-01 SETOUT					
CHAINAGE EASTING NORTHING LENGTH RADIUS BEARING					
0.000 22.010	693772.366 693754.865	6093525.976 6093539.325	22.010		307° 20′ 04″



PROFILE OF ALIGNMENT AL-01 (VERT SCALE 1:20, HOR SCALE 1:100, VERT EXAG 1:5) FROM: CH 0.000 TO CH 22.010

CHAINAGE	EASTING	NORTHING	LENGTH	RADIUS	BEARING
0.000 21.988	693776.352 693758.869	6093531.236 6093544.572	21.988		307° 20′ 04"



PROFILE OF ALIGNMENT AL-02

(VERT SCALE 1:20, HOR SCALE 1:100, VERT EXAG 1:5)

FROM: CH 0.000 TO CH 21.988

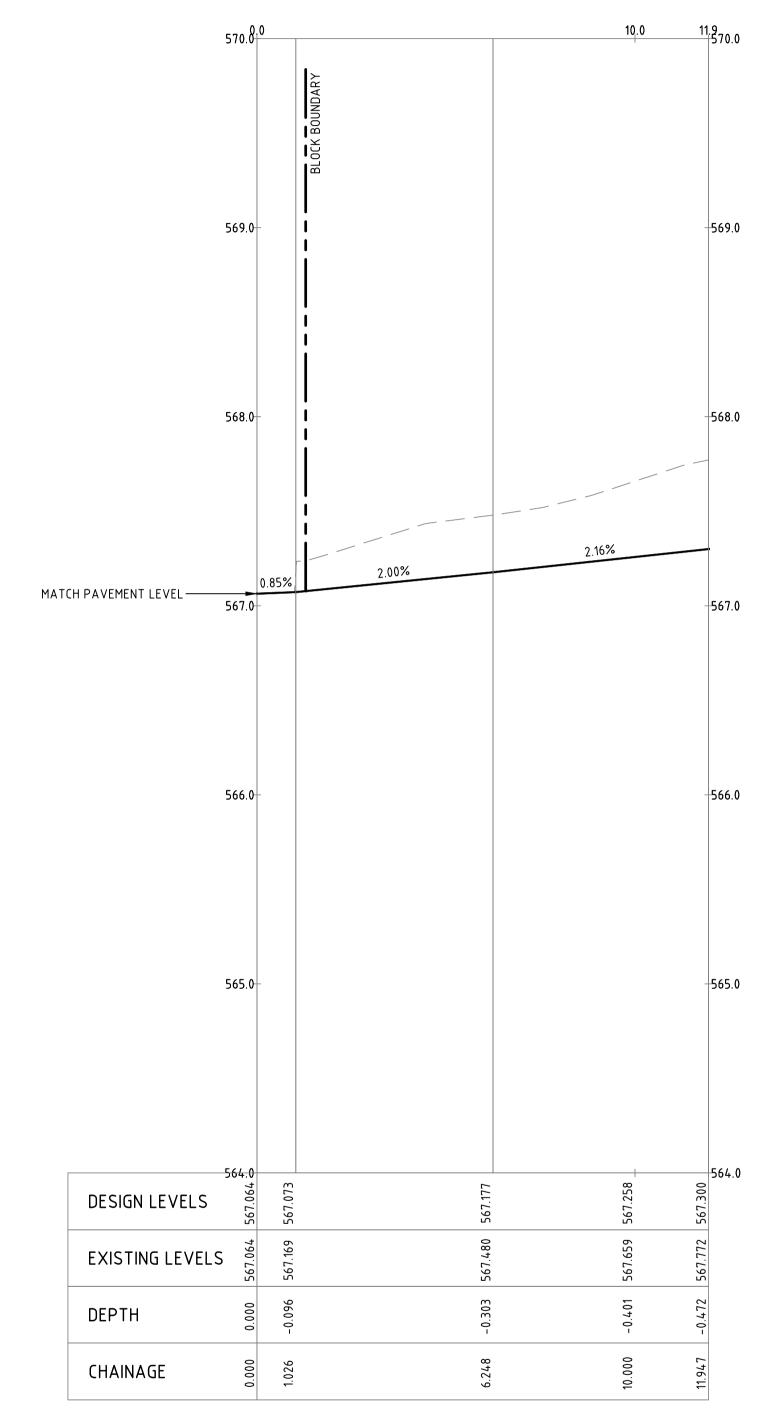
				Scales 0 500 750 1000mm North
				
				1:20 @ A1 1:40 @ A3
				0 2 3 4 5m
	F004 ICCLIE	07.04.0004	1 54	1:100 @ A1 1:200 @ A3
В	50% ISSUE	27.06.2024	DA	DO NOT SCALE OFF DRAWINGS. VERIFY ALL DIMENSIONS ON SITE PRIOR TO WORK.
А	FOR WORKS APPROVAL	22.03.2024		COPYRIGHT: The contents and information contained in this document are copyright of Sellick Consultants, Use or copy of this document in whole
Rev	Description	Date	Drawn Bv	or part without written permission constitutes an infringement of convright





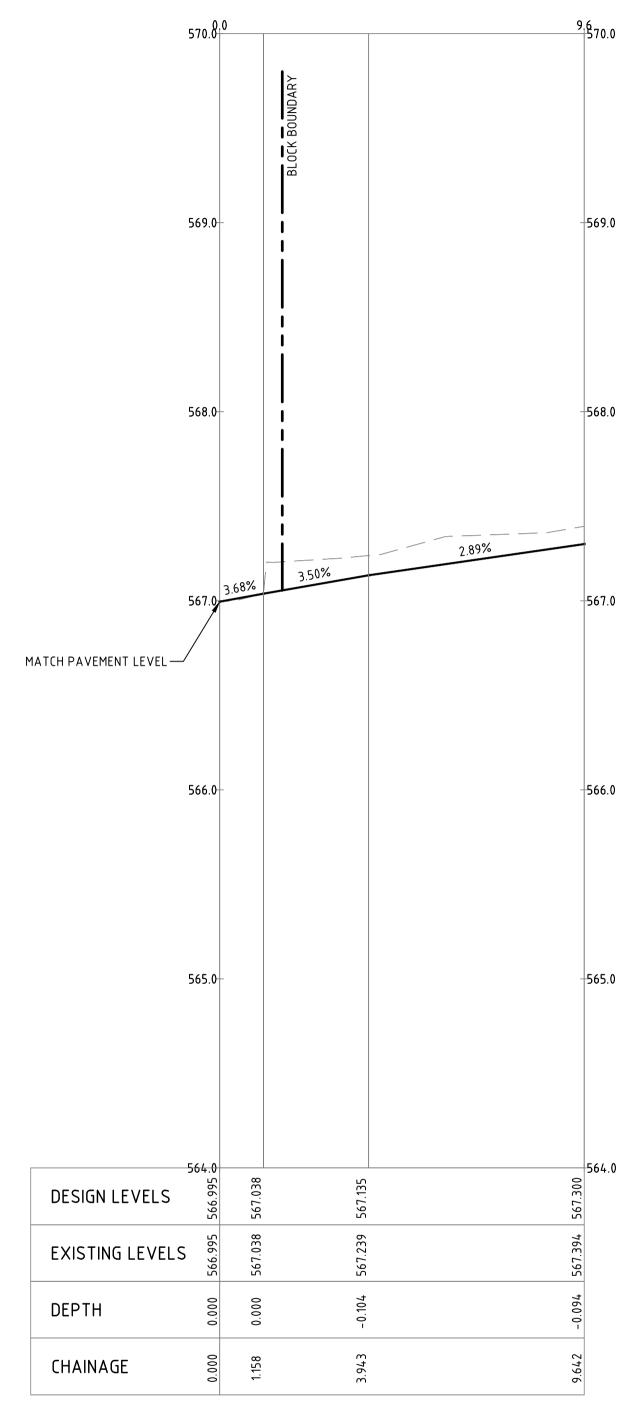
Status	NOT FOR (Project Name and Location PROPOSED OFFICE DEVELOPMENT							
Original Size	Α1	Drawn By DA	Drafting Check	BLOCK 40 SECTION 29 CITY, ACT Drawing Title					
Date Plotted	27-Jun-24	Designed By AM	Design Check		ALIGNMENT				
Coordinate System	GDA2020/MGA 55	Approved	Approved Date	LONGIT Project Number		SECTION Discipline	Sub-Discipline		Pav
Height Datum	AHD	Approved Signature		231129	DRG	CIV	AL	0141	В

AL-03 SETOUT					
CHAINAGE	EASTING	NORTHING	LENGTH	RADIUS	BEARING
0.000 11.947	693777.131 693767.632	6093532.654 6093539.900	11.947		307° 20′ 04″



PROFILE OF ALIGNMENT AL-03 (VERT SCALE 1:20, HOR SCALE 1:100, VERT EXAG 1:5) FROM: CH 0.000 TO CH 11.947

AL-04 SETOUT						
CHAINAGE EASTING NORTHING LENGTH RADIUS BEARING						
0.000 9.642	693778.059 693770.392	6093537.670 6093543.518	9.642		307° 20′ 03″	



PROFILE OF ALIGNMENT AL-04 (VERT SCALE 1:20, HOR SCALE 1:100, VERT EXAG 1:5) FROM: CH 0.000 TO CH 9.642

				Scales 0 500 750 1000mm North
				1:20 @ A1 1:40 @ A3
				0 2 3 4 5m
B	50% ISSUE	27.06.2024	DA	1:100 @ A1 1:200 @ A3
	JU/6 1330L	27.00.2024		DO NOT SCALE OFF DRAWINGS. VERIFY ALL DIMENSIONS ON SITE PRIOR TO WORK.
А	FOR WORKS APPROVAL	22.03.2024		COPYRIGHT: The contents and information contained in this document
Rev	Description	Date	Drawn By	are copyright of Sellick Consultants, Use or copy of this document in whole or part without written permission constitutes an infringement of copyright.





Status	NOT FOR (Project Name and Location PROPOSED OFFICE DEVELOPMENT								
Original 	Α1	Drawn By Drafting Check BLOCK 40 SECTION 29 CITY, ACT								
Size	~ 1	DA		Drawing Title						
)ate Plotted	27-Jun-24	Designed By AM	Design Check	ALIGNMENT LONGITUDINAL SECTIONS SHEET 2 Project Number Type Discipline Sub-Discipline Drg No. Rev						
oordinate System	GDA2020/MGA 55	Approved	Approved Date							
leight Datum	AHD	Approved Signature	•	Project Number 231129	DRG	Discipline CIV	,	0142	B	



BULK EARTHWORKS VOLUMES

CUT: 16,810m³

FILL: 0m³

BULK EARTHWORKS NOTES

- 1. ALL BULK VOLUMES ARE SOLID VOLUMES AND DO NOT INCLUDE
- BULKING FACTORS OR TOPSOIL ALLOWANCE. 2. REFER TO ARCHITECTURAL DRAWINGS FOR SETOUT.
- 3. ALL EARTHWORKS TO BE UNDERTAKEN IN ACCORDANCE WITH AS3798.
- 4. CONTRACTOR TO CONFIRM ALL BULK LEVELS PRIOR TO COMMENCEMENT OF EARTHWORKS.

<u>ASSUMPTIONS</u>

1. OVER EXCAVATIONS ARE AS FOLLOWS:

- 200mm SETDOWN FOR BASEMENT SLAB

- 1. SITE SHOULD BE STRIPPED AND REINSTATED PROGRESSIVELY AS REQUIRED TO MINIMISE EXPOSED SURFACES.
- 2. STRIP ALL GRASS COVER AND TOP SOIL TO EXPOSE UNDERLYING SOIL
- IN AREAS TO BE REGRADED. 3. TOP SOIL TO BE STOCKPILED FOR FUTURE USE IN LANDSCAPING.

FILL PLATFORMS

- 1. FOR STRIPPED SLOPES STEEPER THAN 12.5% OVER WHICH FILL PLATFORMS ARE TO BE CONSTRUCTED, PROVIDE BENCHING OF NOT
- MORE THAN 300mm DEPTH. 2. FILL IS TO BE PLACED AND COMPACTED IN LEVEL 150mm LAYERS
- MAXIMUM COMPACTED THICKNESS. 3. FILL PLATFORM COMPACTION TO BE CARRIED OUT IN ACCORDANCE WITH
- AS3798 BY NATA REGISTERED LABORATORY. 4. FILL MATERIAL TO BE FREE OF ORGANICS, BUILDERS DEBRIS, OTHER
- DELETERIOUS MATERIAL AND SILT. MATERIAL TO BE UNIFORM MOISTURE CONDITION PRIOR TO PLACEMENT AND COMPACTION.
- 5. MAX ROCK FRAGMENT SIZE TO BE 75mm DIAMETER WITHIN FILL
- 6. FILL PLATFORMS TO BE CONSTRUCTED WITH 1 VERTICAL TO 3
- HORIZONTAL BATTER UNLESS SPECIFIED OTHERWISE. 7. TERRACED CUT AND FILL AREAS ARE TO BE CONSTRUCTED FROM
- LOWER LEVEL TO UPPER LEVEL WITH OVER FILLING. FOLLOWED BY CUTTING BACK AS NECESSARY.
- 8. ALL FILL SURFACES TO BE SHAPED TO PROVIDE DRAINAGE AND

PREVENT PONDING OF SURFACE WATER.

CUT PLATFORMS 1. ALL CUT/FILL EXPOSED FACES TO BE CONFIRMED WITH GEOTECHNICAL ENGINEER.

- TESTING

 1. TESTING TO BE CARRIED OUT IN ACCORDANCE WITH AS3798 BY NATA
- REGISTERED LABORATORY. 2. TESTING TO BE UNDERTAKEN PROGRESSIVELY THROUGHOUT BULK
- EARTHWORKS. 3. ANY PLATFORMS NOT ACHIEVING MINIMUM TEST RESULTS ARE TO
- BE STRIPPED BACK, RE-COMPACTED, AND RE-TESTED UNTIL REQUIRED COMPACTION LEVELS ACHIEVED.
- 4. CONTRACTOR TO PROVIDE CERTIFICATION OF FILL BY SUITABLE QUALIFIED GEOTECHNICAL ENGINEER IN ACCORDANCE WITH AS3798.

Surface Analysis: Elevation Ranges Minimum Elevation | Maximum Elevation -12.000 -10.000 -8.000 -6.000 -4.000 -2.0000.000 2.000

	1 1 1 7 802 (-		
Scales 0 5 7.5 10m 1:200 @ A1 1:400 @ A3	North	Sellick consultants	CANBERRA
DO NOT SCALE OFF DRAWINGS. VERIFY ALL DIMENSIONS COPYRIGHT: The contents and information contained in t	his document	canberra sydney	AIRPORT

ABN 82 634 296 629

REVISED STREET NAME

FOR WORKS APPROVAL

50% ISSUE

FOR EARLY WORKS BUILDING APPROVAL

FOR EARLY WORKS BUILDING APPROVAL

Description

10.07.2024

04.07.2024 02.07.2024

27.06.2024

22.03.2024

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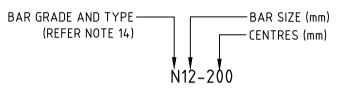
Status	BUILDING APPROVAL			Project Name and Location PROPOSED OFFICE DEVELOPMENT						
Original	Λ1	Drawn By	Drafting Check	BLOCK 40 SECT	TION 29	CITY, ACT				
Size	A1	DA		Drawing Title						
Date Plotted	10-Jul-24	Designed By AM	Design Check	EARTHWO!						
Coordinate System	GDA2020/MGA 55	Approved	Approved Date	CUT AND F				D N-	<u> </u>	
Height Datum	AHD	Approved Signature			Type ORG	Discipline CIV	Sub-Discipline EW	0201	Rev E	

CONCRETE NOTES

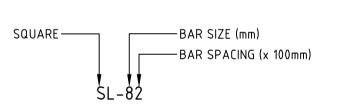
- 1. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS3600 AND OTHER RELEVANT AUSTRALIAN STANDARDS. EXCEPT WHERE VARIED BY CONTRACT DOCUMENTS.
- 2. FORMWORK SHALL BE DESIGNED, ERECTED AND REMOVED IN ACCORDANCE WITH AS3610.
- 3. CONCRETE STRENGTH SHALL BE ASSESSED IN ACCORDANCE WITH THE SPECIFICATION OR AS SPECIFIED.
- 4. CONCRETE SHALL BE MECHANICALLY VIBRATED TO ENSURE MAXIMUM COMPACTION WITHOUT SEGREGATION OF CONCRETE.
- 5. COVER TO REINFORCEMENT SHALL BE IN ACCORDANCE WITH THE SPECIFICATION OR AS SPECIFIED.
- 6. CONCRETE SHALL BE FINISHED IN ACCORDANCE WITH THE CLASS OF FINISH OUTLINED IN THE SPECIFICATION.
- 7. SIZE OF CONCRETE ELEMENTS DOES NOT INCLUDE THICKNESS OF APPLIED FINISHES.
- 8. PRIOR TO COMMENCEMENT OF CONCRETE POUR, THE CONTRACTOR SHALL SUBMIT A PROPOSED CONCRETE CURING METHODOLOGY TO THE ENGINEER FOR WRITTEN APPROVAL.
- 9. CONCRETE SHALL NOT BE PLACED IF THE AMBIENT TEMPERATURE IS ANTICIPATED TO RISE ABOVE 32°C OR FALL BELOW 5°C WITHIN 24 HOURS OF PLACEMENT, UNLESS APPROVED IN WRITING BY THE SUPERINTENDENT OR DESIGN ENGINEER.
- 10. NO ADMIXTURES SHALL BE USED UNLESS APPROVED IN WRITING BY THE DESIGN ENGINEER.
- 11. REINFORCEMENT SHALL BE FIRMLY SUPPORTED ON MILD STEEL PLASTIC DIPPED CHAIRS. SPACING OF CHAIRS SHALL NOT BE GREATER THAN 750mm CENTRES BOTH WAYS. BARS SHALL BE TIED AT ALTERNATIVE INTERSECTIONS.
- 12. REINFORCEMENT TYPE AND GRADE:

REINFORCEMENT NOTATION TYPE	DESCRIPTION AND TYPE	CLASSIFICATION AND DESIGNATION TO AS4671
N	HOT ROLLED DEFORMED BAR, MICROALLOY TEMPCORE	D500N
R	HOT ROLLED PLAIN ROUND BAR, MILD STEEL	R250N
SL	SQUARE MESH OF COLD DRAWN DEFORMED WIRE, MILD STEEL SHEETS	D500SL

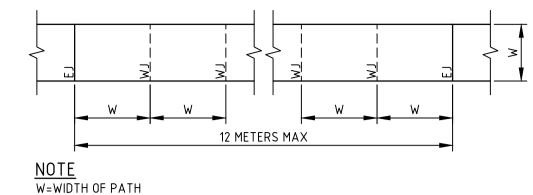
13. BAR NOTATION :



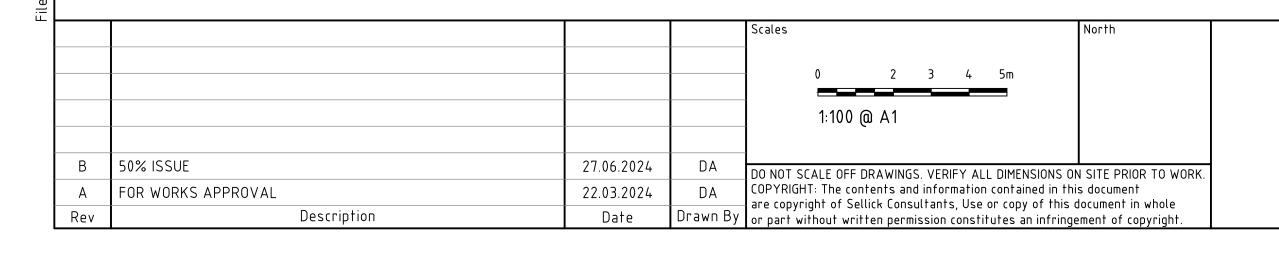
14. FABRICATION NOTATION:



- 15. REINFORCEMENT SHALL BE LAPPED SUCH THAT THE TWO OUTERMOST WIRES OF ONE SHEET OVERLAP THE TWO OUTERMOST WIRES OF THE OTHER SHEET.
- 16. REINFORCEMENT BARS SHALL BE LAPPED 40 x Ø MINIMUM U.N.O



PATH JOINTING PLAN
SCALE 1:100





ABN 82 634 296 629



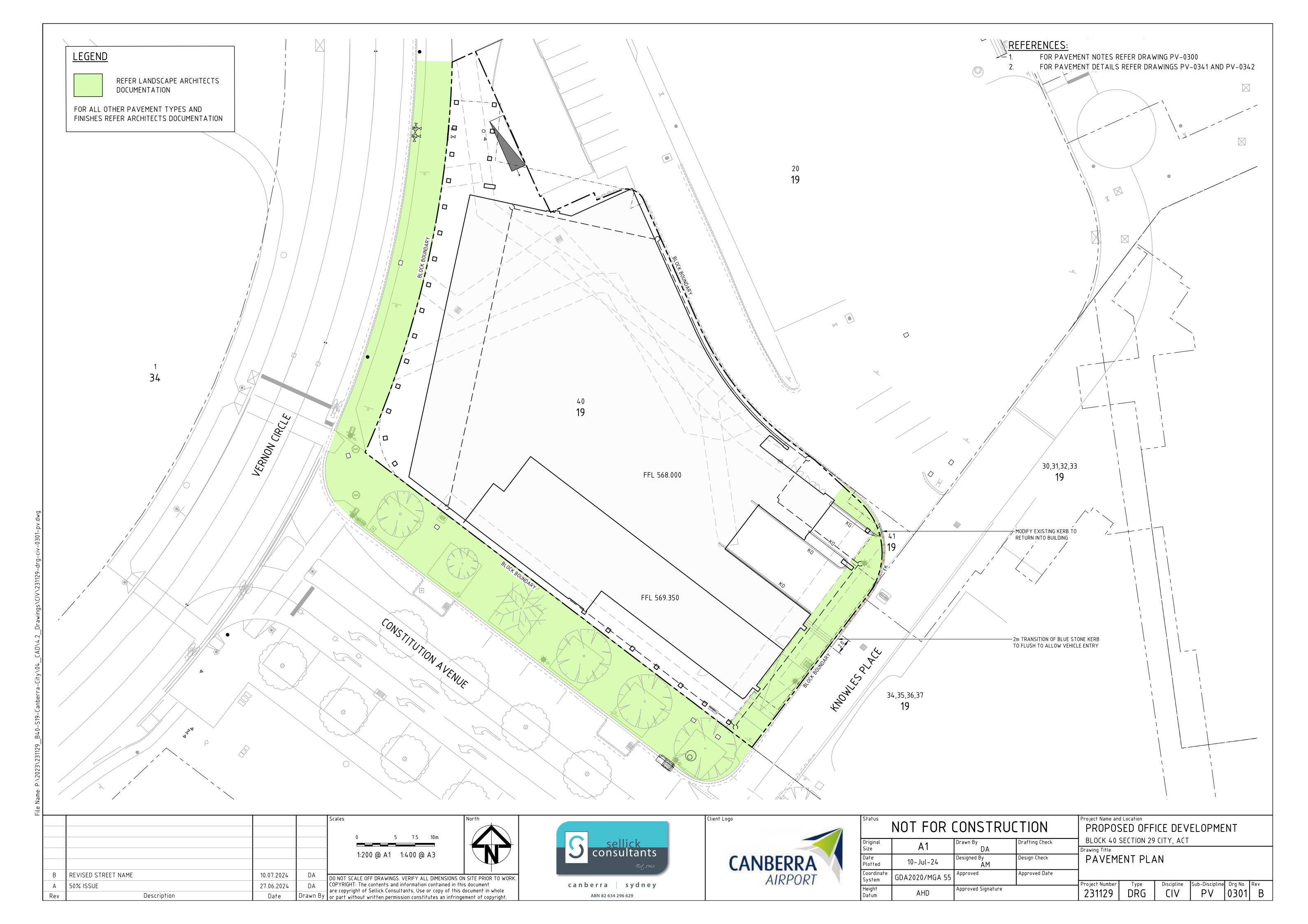
Status	NOT FOR (CONSTRUC	TION		SED OFF		ELOPME	INT	
Original	A1	Drawn By	Drafting Check	BLOCK 40 SECTION 29 CITY, ACT					
Size	A I	DA		Drawing Title					
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oordinate System	GDA2020/MGA 55	Approved	Approved Date	Deciest Number	Tuna	Disciplina	Sub-Discipline	Dag No. I	Day
leight)atum	AHD	Approved Signature	•	Project Number 231129	DRG	Discipline CIV	PV	Drg No. 0300	

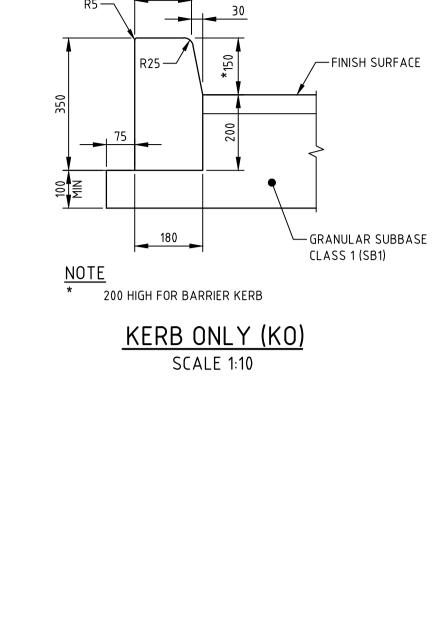
PATH NOTES

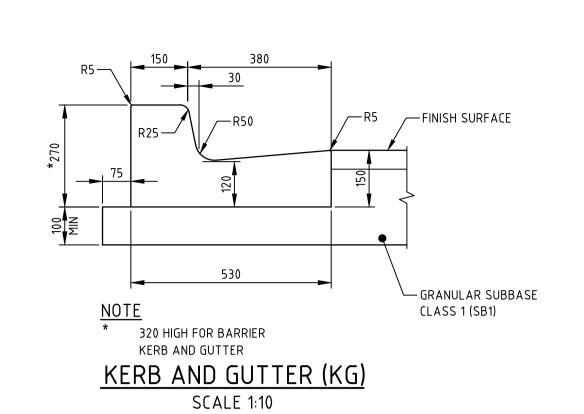
- 1. ALL PATHS TO BE CONSTRUCTED IN ACCORDANCE WITH ACT GOVERNMENT STANDARD DRAWINGS AND SPECIFICATIONS.
- 2. EXPANSION JOINTS TO BE LOCATED AT ALL DRAINAGE STRUCTURES (BOTH SIDES). ON TP's OF CURVES AND ELSEWHERE AT MAXIMUM 6.0m CENTRES
- 3. BRUSH FINISH "NON-SKID" TO ALL KERB RAMPS AND VEHICULAR CROSSINGS. ALL OTHER KERBING TO BE STEEL FLOAT FINISHED.
- 4. ALL JOINTS TO BE PERPENDICULAR TO THE PATH EDGE.
- 5. WHERE POSSIBLE JOINTS SHOULD BE LOCATED TO MATCH ADJACENT KERBING OR PAVEMENT JOINTS.
- 6. ALL SUB-BASE LAYERS SHALL BE FINISHED TO ENSURE A TIGHT LEVEL SURFACE. MAXIMUM DEVIATION IS TO BE 5.0mm OVER A 3.0m STRAIGHT EDGE.
- SURFACE. MAXIMUM DEVIATION IS TO BE 5.0mm OVER A 3.0m STRAIGHT EDGI
- 7. ALL TEST HOLES IN THE SUB-BASE/BASE LAYERS ARE TO BE RIPPED AND RE-COMPACTED TO ENSURE A HOMOGENOUS LAYER.
- 8. PATH WIDTH (W) SHALL BE MEASURED FROM THE BACK OF KERB WHEN THE PATH IS DESIGNED TO BE AGAINST THE BACK OF KERB.
- 9. REFER DRAWING PV-0342 FOR JOINT DETAILS.

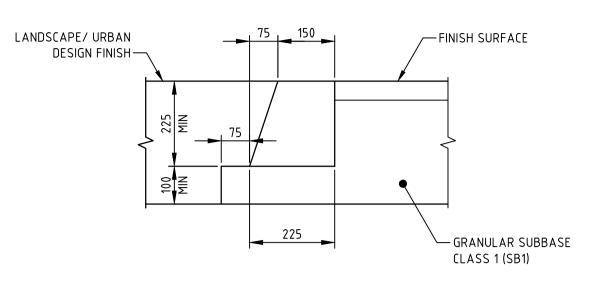
KERBING NOTES

- ALL KERB WORKS TO BE CONSTRUCTED IN ACCORDANCE WITH ACT GOVERNMENT STANDARD DRAWINGS AND SPECIFICATIONS.
- 2. ALL CONCRETE TO BE CURED CONTINUOUSLY FOR THREE DAYS OR ALTERNATIVELY COATED WITH AN APPROVED CURING COMPOUND. CURING COMPOUNDS ARE TO HAVE A CONTINUOUS COVER TO THE BACK, TOP AND FACE OF KERB
- 3. ALL CONCRETE TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 25MPa UNLESS NOTED OTHERWISE.
- 4. ALL KERBS, GUTTERS AND OPEN CONCRETE INVERT DRAINS TO BE CONSTRUCTED ON 100mm DGS20 COMPACTED TO A MINIMUM MODIFIED DRY DENSITY (MMDD) OF 95%.
- 5. EXPANSION JOINTS TO BE LOCATED AT ALL DRAINAGE STRUCTURES (BOTH SIDES). ON TP's OF CURVES LESS THAN 15m RADIUS AND ELSEWHERE AT 15m CENTRES.
- 6. WEAKENED PLANE JOINTS (WJ) ARE TO BE LOCATED AT ALL VC's, KR's AND ELSEWHERE AT 3.0m CENTRES.
- 7. BRUSH FINISH "NON-SKID" TO ALL KERB RAMPS AND VEHICULAR CROSSINGS. ALL OTHER KERBING TO BE STEEL FLOAT FINISHED.
- 8. ALL JOINTS TO BE PERPENDICULAR TO THE KERB.
- 9. FOR ASPHALTIC CONCRETE REINSTATEMENT, SAWCUT EXISTING ASPHALTIC PAVEMENT TO MATCH CLEANLY AND SMOOTHLY TO PROPOSED NEW WORKS. WHERE THIS IS NOT ACHIEVABLE OR PAVEMENT SURFACE IS DAMAGED OR UNSUITABLE, NEATLY SAWCUT, REMOVE AND REINSTATE 600mm WIDE STRIP TO MATCH EXISTING PAVEMENT LEVELS AND CROSS FALL.
- 10. IN REPLACEMENT OF KERBS, THE EXISTING ROAD PAVEMENT IS TO BE SAWCUT AT A MINIMUM DISTANCE TO ENABLE NEW PAVEMENT TO BE KEYED INTO EXISTING PAVEMENT AT MINIMUM 1:1 FROM FROM SUB-GRADE. REFER PV SERIES DRAWINGS FOR









FLUSH KERB (FK)
SCALE 1:10

				Scales	North
				0 100 200 300 400 500mm 1:10 @ A1 1:20 @ A3	
A	50% ISSUE Description	27.06.2024 Date	DΔ	DO NOT SCALE OFF DRAWINGS. VERIFY ALL DIMENSIONS ON COPYRIGHT: The contents and information contained in this are copyright of Sellick Consultants, Use or copy of this corpart without written permission constitutes an infringe	s document





Status	NOT FOR CONSTRUCTION			Project Name and Location PROPOSED OFFICE DEVELOPMENT					
Original Drawn By Drafting Check			Drafting Check	BLOCK 40 SECTION 29 CITY, ACT					
Size		DA		Drawing Title					
Date Plotted	27-Jun-24	Designed By AM	Design Check	PAVEMENT DETAILS					
Coordinate System	GDA2020/MGA 55	Approved	Approved Date	SHEET 1					
Height Datum	AHD	Approved Signature	•	Project Number Type Discipline Sub-Discipline Drg No. Rev 231129 DRG CIV PV 0341 A					

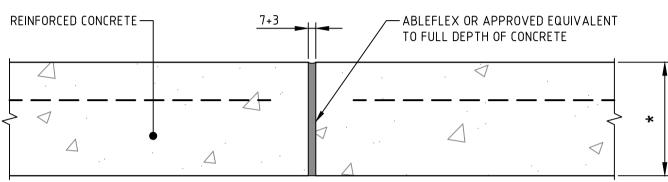
CONCRETE THICKNESS	DOWEL SIZE
100	12
125	16
150	20
175	24
200	28

NOTES:

- CONNOLLY EXPANSION JOINT ACCEPTED OR APPROVED EQUIVALENT
- 2. FOR 175 THICK REINFORCED CONCRETE PAVEMENT,
 - THICKEN EDGE TO 200 FOR USE OF CONNOLLY EXPANSION JOINT. REFER GIVEN DETAIL.

(DEJ) DOWELED EXPANSION JOINT

SCALE 1:5



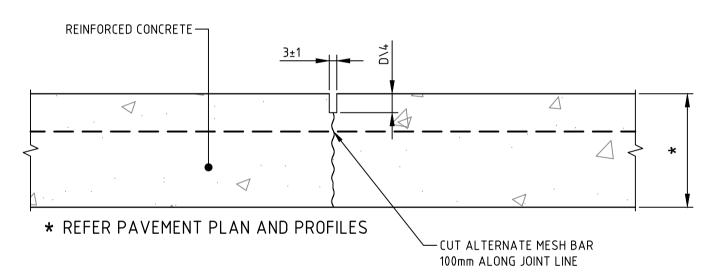
* REFER PAVEMENT PLAN AND PROFILES

NOTE:

CONNOLLY EXPANSION JOINT ACCEPTED OR APPROVED EQUIVALENT

(EJ) EXPANSION JOINT

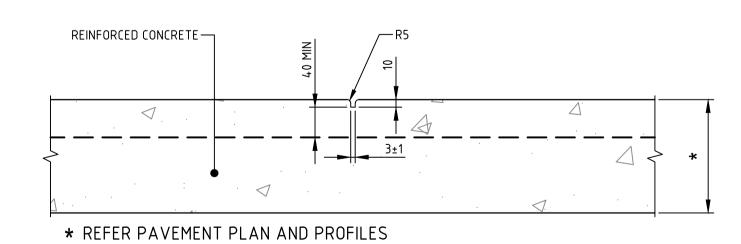
SCALE 1:5



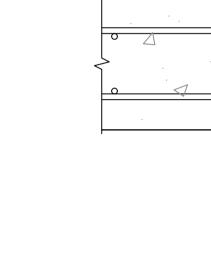
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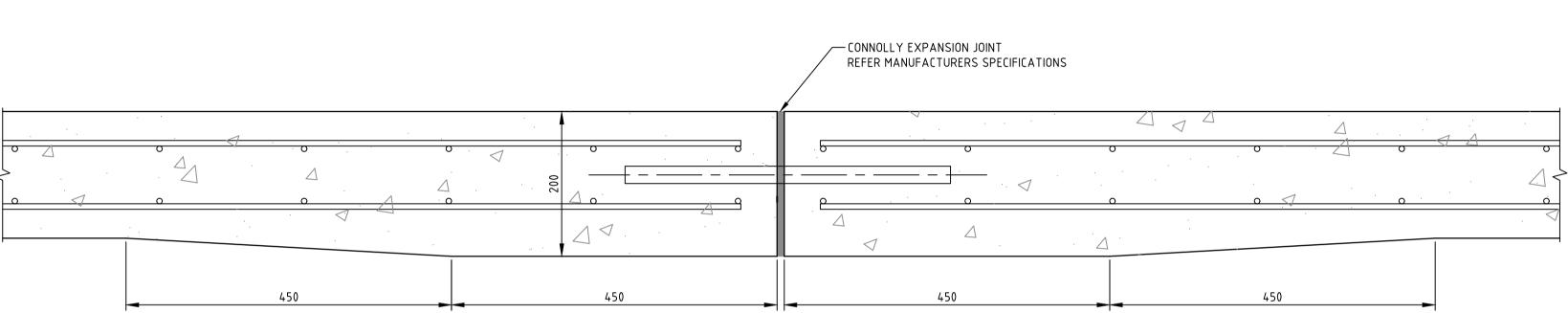
CONNOLLY CRACK INDUCED JOINT ACCEPTED OR APPROVED EQUIVALENT

(WJ) WEAKENED PLANE JOINT SCALE 1:5

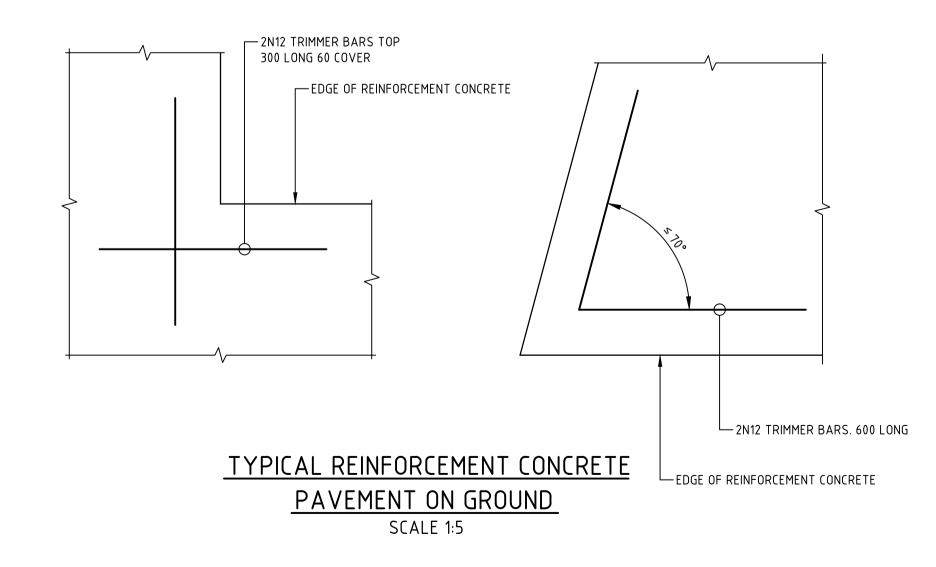


(TJ) TOOL JOINT SCALE 1:5





175 THICK REINFORCED CONCRETE EDGE THICKENING FOR THE USE OF CONNOLLY JOINT SCALE 1:5



				Scales 0 50 100 150 200 250mm 1:5@A1	North
B A Rev	50% ISSUE FOR WORKS APPROVAL Description	27.06.2024 22.03.2024 Date	ΠΔ	DO NOT SCALE OFF DRAWINGS. VERIFY ALL DIMENSIONS ON COPYRIGHT: The contents and information contained in this are copyright of Sellick Consultants, Use or copy of this dor part without written permission constitutes an infringe	s document





1									
NOT FOR CONSTRUCTION			Project Name and Location PROPOSED OFFICE DEVELOPMENT						
Original	۸ 1	Drawn By	Drafting Check	BLOCK 40 SECTION 29 CITY, ACT					
Size	A1	DA		Drawing Title PAVEMENT DETAILS					
Date Plotted	27-Jun-24	Designed By AM	Design Check						
Coordinate System	GDA2020/MGA 55	Approved	Approved Date	SHEET 2					
Height		Approved Signature	<u> </u>	Project Number	Type	,	Sub-Discipline	,	Rev
Datum	AHD	TAPPI OVCO SIGNOTOLE		231129	DRG	CIV	PV	0342	В

- 2. THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE INDICATIVE ONLY AND SHALL BE CONFIRMED BY THE CONTRACTOR PRIOR TO ANY CIVIL WORKS COMMENCING.
- 3. COVER LEVELS OF STORMWATER STRUCTURES ARE PROVISIONAL ONLY AND SHALL BE ADJUSTED TO SUIT THE FINISHED SURFACE LEVELS IN ACCORDANCE WITH DRAWINGS AND CONSTRUCTED KERB PROFILES.
- 4. WHERE PROPOSED STORMWATER PIPES CROSS EXISTING UTLITIES TO BE RETAINED, THE CONTRACTOR SHALL LOCATE, POTHOLE SURVEY (LOCATION AND LEVEL) AND ADVISE THE SUPERINTENDENT OF ANY POTENTIAL CLASHES AT LEAST 7 DAYS PRIOR TO UNDERTAKING THE WORKS.
- 5. ALL CURVED ALIGNMENTS TO BE ACHIEVED THROUGH PIPE DEFLECTIONS AT PIPE JOINTS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.
- 6. BACKFILL TRENCHES IN ACCORDANCE WITH CONTRACT SPECIFICATIONS.
- 7. MINIMUM GRADES ON STORMWATER PIPES SHALL BE 1.0% UNLESS NOTED OTHERWISE.
- 8. ALL PIPE LENGTHS, PIPE INVERTS AND GRADES ARE MEASURED FROM THE CENTRE OF STORMWATER STRUCTURES OR FACE OF HEADWALLS. AS DETAILED OR UNLESS NOTED OTHERWISE.
- 9. ALL PIPES EXCEEDING 7.0%, SHALL HAVE SCOUR STOPS CONSTRUCTED AT 5.0m MAXIMUM SPACING.
- 10. PIPES ARE DESIGNED FOR OPERATIONAL LOADS ONLY. THE CONTRACTOR SHALL TAKE APPROPRIATE MEASURES TO PROTECT PIPES DURING
- 11. THE CONTRACTOR SHALL UNDERTAKE ANY TEMPORARY DIVERSION WORKS TO ENSURE THE EXISTING STORMWATER DRAINAGE SYSTEM IS ABLE TO CHANNEL STORMWATER FLOWS DURING CONSTRUCTION.
- 12. THE CONTRACTOR SHALL PROVIDE TEMPORARY DIVERSION MEASURES TO PROTECT WORKS IN PROGRESS UNTIL SUCH TIME AS THE WORKS ARE DEEMED FINISHED BY THE SUPERINTENDENT. ANY DAMAGE TO WORKS CAUSED BY STORMWATER FLOWS OR FLOODING SHALL BE RECTIFIED PRIOR TO HANDOVER.
- 13. THE CONTRACTOR IS TO PROVIDE ALL QUALITY RECORDS AS REQUIRED UNDER THE SPECIFICATION FOR STORMWATER PRIOR TO PLACING THE FINAL ROAD PAVEMENT.
- 14. 'WORKS AS EXECUTED' DOCUMENTATION IS THE RESPONSIBILITY OF THE CONTRACTOR UNLESS OTHERWISE AGREED. WORKS AS EXECUTED RECORDS ARE TO BE PROVIDED IN ACCORDANCE WITH ACT GOVERNMENT REF DOC 8.

STORMWATER DRAINAGE EXPLANATIONS

PIPE INFORMATION BOX

RCP CL2 40.2m

UPSTREAM INVERT LEVEL PIPE NOMINAL DIAMETER PIPE MATERIAL, PIPE CLASS PIPE LENGTH PIPE GRADE DOWNSTREAM INVERT LEVEL

STORMWATER STRUCTURE ID

SW1-6

STORMWATER LINE SW1, STORMWATER STRUCTURE '6'



\$\phi 375 STORMWATER LINE WITH R-SUMP, PLANTATION SUMP, MANHOLE AND HEADWALL

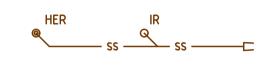
\$\phi 300 STORMWATER LINE WITH END CAP, GRATED INLET SUMP, KERB INLET SUMP

MINIMUM INTERNAL DIMENSIONS FOR STORMWATER INLET PITS							
DEPTH TO MINIMUM INTERNAL DIMENSIONS							
INVERT OF	RECTAN	CIRCULAR					
OUTLET	WIDTH	LENGTH	DIAMETER				
≤600	450	450	600				
>600<900	600	600	900				
>900<1200	600	900	1000				
>1200	900	900	1000				
	AS3500.3.2 TABLE 8.2						

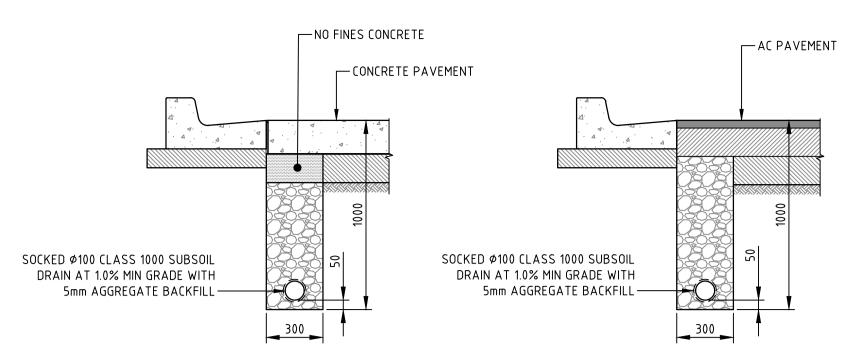
SUBSOIL DRAINAGE

- 1. ALL SUBSOIL DRAINAGE WORKS TO BE COMPLETED IN ACCORDANCE WITH ACT GOVERNMENT MUNICIPAL INFRASTRUCTURE TECHNICAL SPECIFICATION MITS 03.
- 2. SUBSOIL DRAINAGE PIPES SHALL BE Φ100 CLASS 1000 PIPE.
- 3. ALL ROAD CROSSINGS ARE TO BE CONSTRUCTED IN Φ100 uPVC (WHITE) CONDUIT.
- 4. ALL SUBSOIL DRAINAGE TO GRADE AT MINIMUM 1.0%.
- 5. WHERE EXISTING SUBSOIL DRAINAGE EXISTS WITHIN AREAS OF NEW PAVEMENT. PIPES SHALL BE EXPOSED AND CONNECTED TO NEW SUBSOIL DRAINS AND BACKFILLED IN ACCORDANCE WITH THE ACT SPEC.
- 6. ALL CONNECTIONS SHALL BE IN ACCORDANCE WITH ACT SPEC REQUIREMENTS.
- 7. ALL SUBSOILS TO BE SURVEYED FOR LINE AND LEVEL.
- 8. ALL SUBSOILS TO BE "RODDED" PRIOR TO PLACEMENT OF ASPHALT.
- 9. ALL WORKS ON SUBSOIL DRAINAGE IS TO BE COMPLETED IN DISCRETE RECORDED LOTS.

SUBSOIL DRAINAGE ABBREVIATIONS



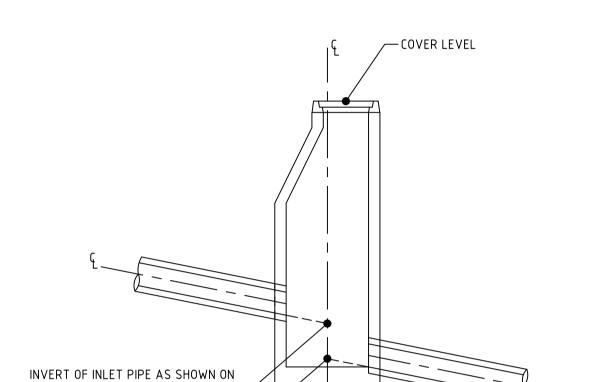
SUBSOIL LINE WITH HIGH END RISER INTERMEDIATE RISER AND HEAD WALL



SUBSOIL DRAINAGE DETAIL (RIGID PAVEMENT)

SCALE 1:10

SUBSOIL DRAINAGE DETAIL (FLEXIBLE PAVEMENT) SCALE 1:10

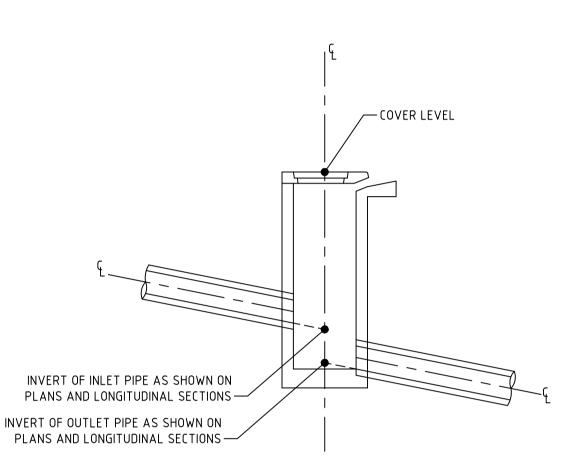


PLANS AND LONGITUDINAL SECTIONS —

INVERT OF OUTLET PIPE AS SHOWN ON

PLANS AND LONGITUDINAL SECTIONS —



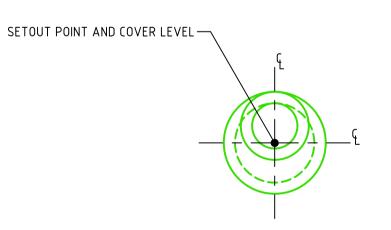


REFERENCE

FOR GENERAL NOTES AND LEGEND REFER DRAWING No. GN-0002

INVERT LEVELS AT SUMPS SCALE 1:50

STORMWATER DRAINAGE STRUCTURE SETOUT DETAILS



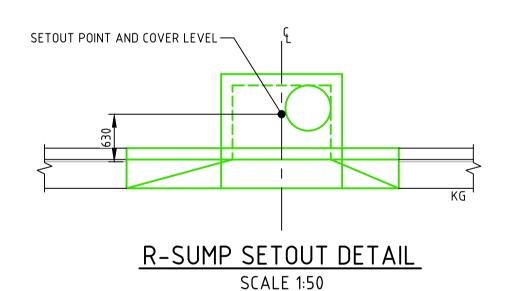
SETOUT POINT AND COVER LEVEL-

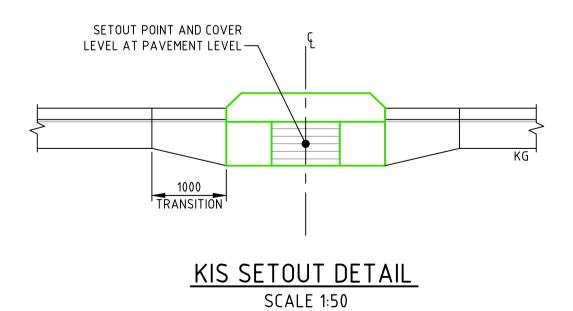
MANHOLE SETOUT DETAIL SCALE 1:50

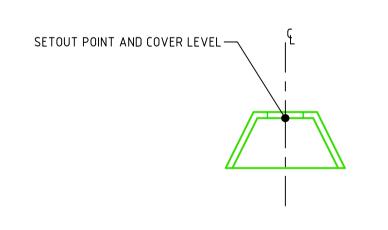
PLANTATION SUMP

SETOUT DETAIL

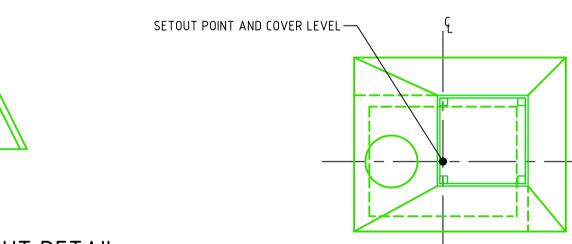
SCALE 1:50





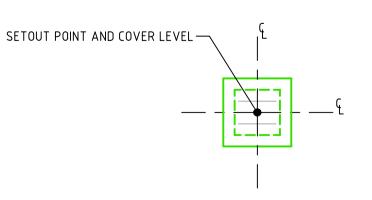


HEADWALL SETOUT DETAIL SCALE 1:50



SURCHARGE STRUCTURE SETOUT DETAIL

SCALE 1:50



GRATED INLET SUMP SETOUT DETAIL SCALE 1:50

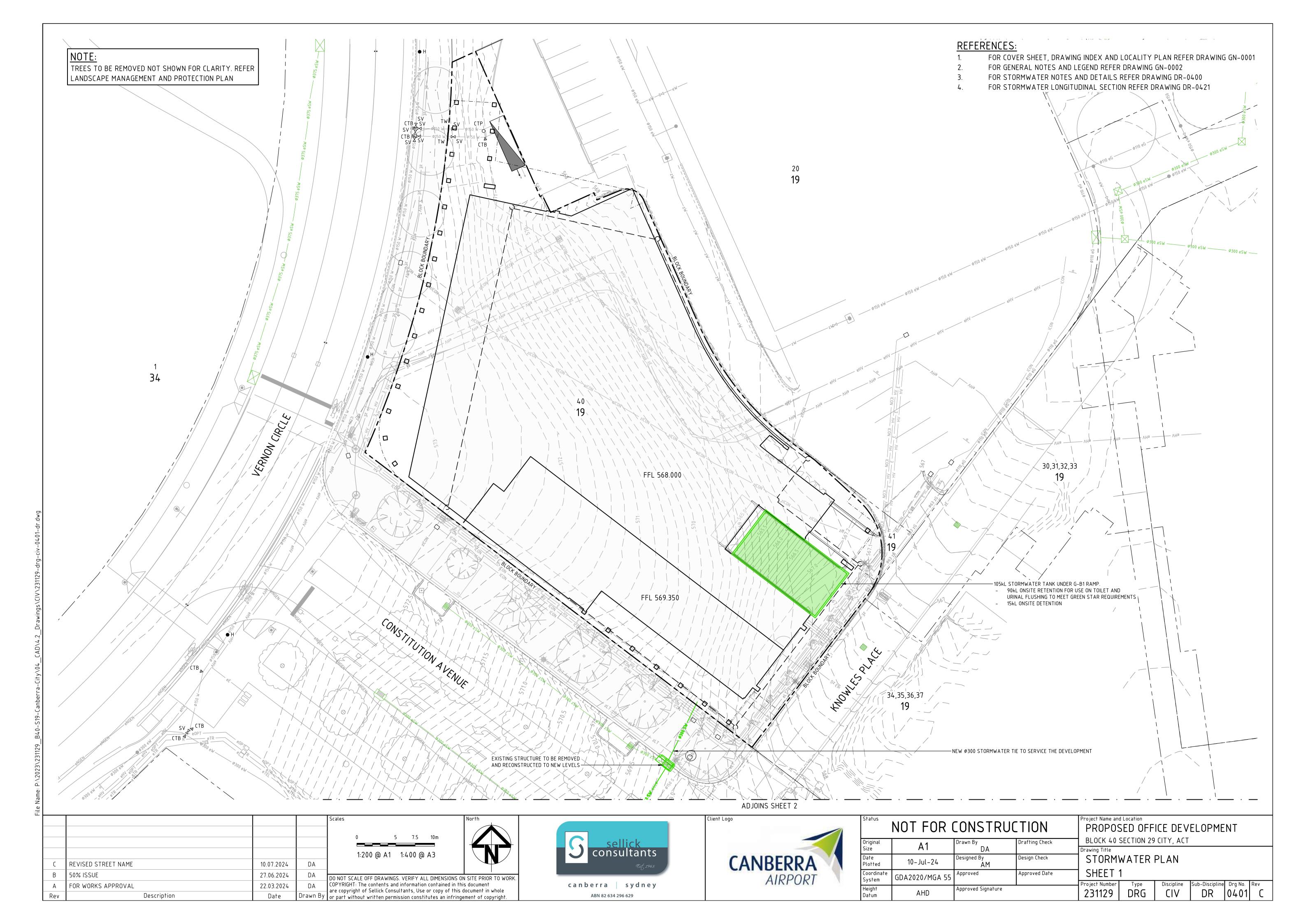
sellick consultants canberra sydney

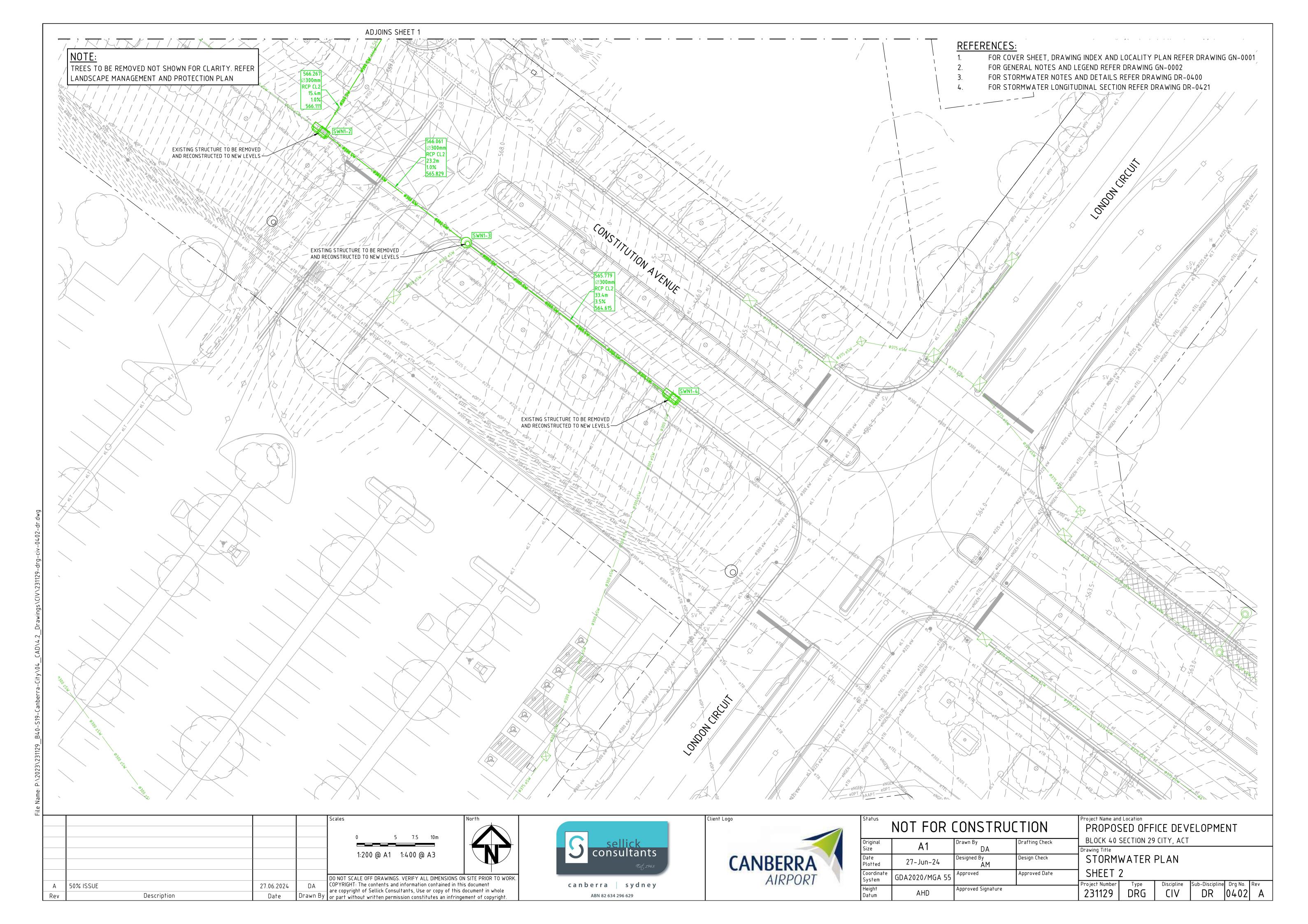
ABN 82 634 296 629



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Status	NOT FOR CONSTRUCTION			Project Name and Location PROPOSED OFFICE DEVELOPMENT					
Original	Λ1	Drawn By	Drafting Check	BLOCK 40 SECTION 29 CITY, ACT					
Size	A1	DA		STORMWATER NOTES AND DETAILS					
Date Plotted	27-Jun-24	Designed By AM	Design Check						
Coordinate System	GDA2020/MGA 55	Approved	Approved Date		_		 		
Height Datum	AHD	Approved Signature	l	Project Number 231129	DRG	Discipline CIV	Sub-Discipline DR	Drg No. 0400	Rev B

0 100 200 300 400 500mm 1:10 @ A1 1 1.5 2 2.5m 1:50 @ A1 50% ISSUE 27.06.2024 DO NOT SCALE OFF DRAWINGS. VERIFY ALL DIMENSIONS ON SITE PRIOR TO WORK COPYRIGHT: The contents and information contained in this document FOR WORKS APPROVAL 22.03.2024 DA are copyright of Sellick Consultants, Use or copy of this document in whole Description Date Drawn By or part without written permission constitutes an infringement of copyright.





1:40 @ A1 1:80 @ A3 1:200 @ A1 1:400 @ A3 50% ISSUE 27.06.2024 DA

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Status	NOT FOR CONSTRUCTION			Project Name and Location PROPOSED OFFICE DEVELOPMENT					
Original Size	A1	Drawn By	Drafting Check	BLOCK 40 SECTION 29 CITY, ACT					
Size	/ \ 1	DA		Drawing Title					
Date Plotted	27-Jun-24	Designed By AM	Design Check	STORMWATER					
Coordinate System	GDA2020/MGA 55	Approved	Approved Date			SECTION			
Height Datum	AHD	Approved Signature	ı	Project Number 231129	DRG	Discipline CIV	Sub-Discipline DR	0421	Rev B

SW1 LONG SECTION

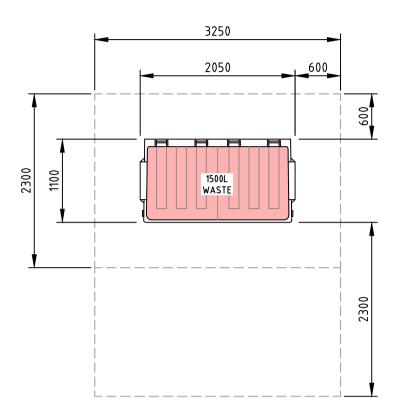
		SWN1-1	(SWN1-2)	SWN1-3	SWN1-4	
HOR. SCALE 1:200 VERT. SCALE 1:40 DATUM:560.000	560.0					
GRADE %	1.96%	1.01%		300	3.49%	
PIPE DETAILS (CL to CL LENGTHS)	RCP CL2 9.337m	RCP CL2 15.368m		RCP CL2 23.217m	RCP CL2 33.386m	
DESIGN LEVEL AT MH CL		569.117	569.126	7.48.7.95	564.615 565.507	
INVERT LEVEL	566.500	566.267 566.267	566.111	565.829	564.615	
COVER	2.328	2.515	2.730	1.683	0.557	
CHAINAGE	0.000	9.337	24.705	47.923	81.309	

STORMWATER									
PIPE NAME	SIZE	LENGTH	SLOPE	MATERIAL					
SWP1-0	300	9.337	1.96%	RCP CL2					
SWP1-1	300	15.368	1.01%	RCP CL2					
SWP1-2	300	23.217	1.00%	RCP CL2					
SWP1-3	300	33.386	3.49%	RCP CL2					

	STORMWATER STRUCTURE SCHEDULE									
NAME	TYPE	SETOUT COORDS	COVER LEVEL	PIT DEPTH [m]	COVER TYPE	COMMENTS				
SWN1-1	KERB INLET SUMP	E: 693749.330 N: 6093509.852	569.117	2.850	STANDARD	REINFORCED CONCRETE				
SWN1-2	KERB INLET SUMP	E: 693741.159 N: 6093496.836	569.126	3.065	STANDARD	REINFORCED CONCRETE				
SWN1-3	1050ND MAINTENANCE HOLE	E: 693759.552 N: 6093482.667	567.847	2.068	CLASS D COVER	REINFORCED CONCRETE				
SWN1-4	KERB INLET SUMP	E: 693786.240 N: 6093462.608	565.507	0.892	STANDARD	REINFORCED CONCRETE				

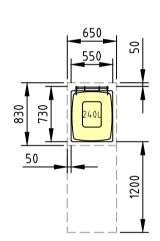
DIMENSIONS BASED ON THE 2019 DCC. 50mm CLEARANCE SHOWN ON ALL SIDES OF THE MGB AS PER DCC.

140L WASTE MGB DIMENSIONS SCALE 1:50



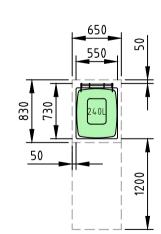
 DIMENSIONS BASED ON THE 2019 DCC. - CLEARANCE SHOWN FOR SPACING OF HOPPERS AS PER 2019 DCC.

1500L WASTE HOPPER DIMENSIONS SCALE 1:50



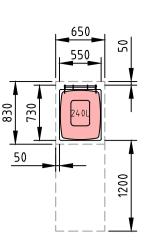
DIMENSIONS BASED ON THE 2019 DCC. - 50mm CLEARANCE SHOWN ON ALL SIDES OF THE MGB AS PER DCC.

240L RECYCLING MGB DIMENSIONS SCALE 1:50



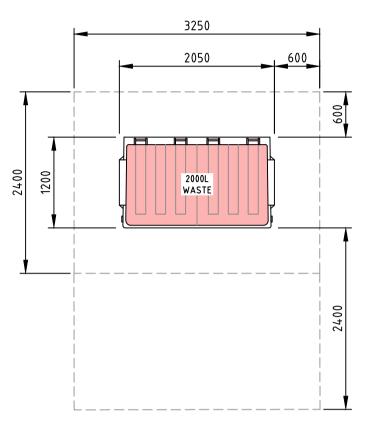
 DIMENSIONS BASED ON THE 2019 DCC. - 50mm CLEARANCE SHOWN ON ALL SIDES OF THE MGB AS PER DCC.

240L GREEN WASTE MGB DIMENSIONS SCALE 1:50



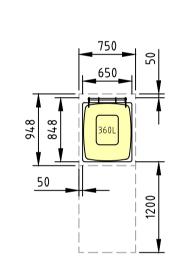
DIMENSIONS BASED ON THE 2019 DCC. 50mm CLEARANCE SHOWN ON ALL SIDES OF THE MGB AS PER DCC.

240L WASTE MGB DIMENSIONS SCALE 1:50



 DIMENSIONS BASED ON THE 2019 DCC. - CLEARANCE SHOWN FOR SPACING OF HOPPERS AS PER 2019 DCC.

2000L WASTE HOPPER DIMENSIONS SCALE 1:50

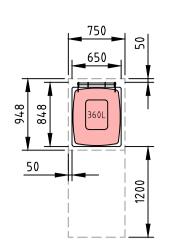


DIMENSIONS BASED ON THE 2019 DCC. 50mm CLEARANCE SHOWN ON ALL SIDES OF THE MGB AS PER DCC.

360L RECYCLING MGB DIMENSIONS SCALE 1:50



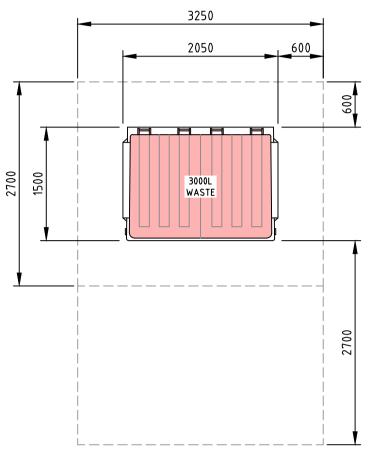
DIMENSIONS BASED ON THE 2019 DCC.



DIMENSIONS BASED ON THE 2019 DCC. 50mm CLEARANCE SHOWN ON ALL SIDES OF THE MGB AS PER DCC.

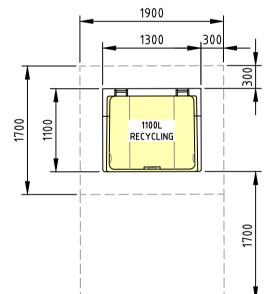
360L WASTE MGB DIMENSIONS

SCALE 1:50



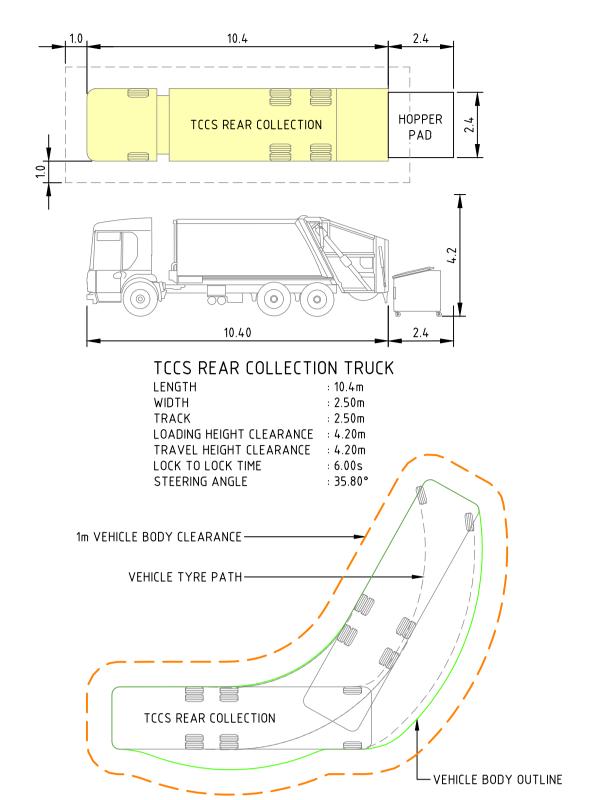
 DIMENSIONS BASED ON THE 2019 DCC. CLEARANCE SHOWN FOR SPACING OF HOPPERS AS PER 2019 DCC.

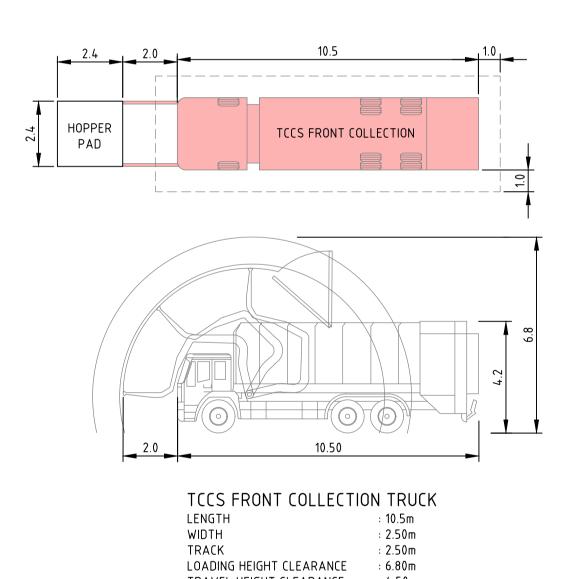
3000L WASTE HOPPER DIMENSIONS SCALE 1:50

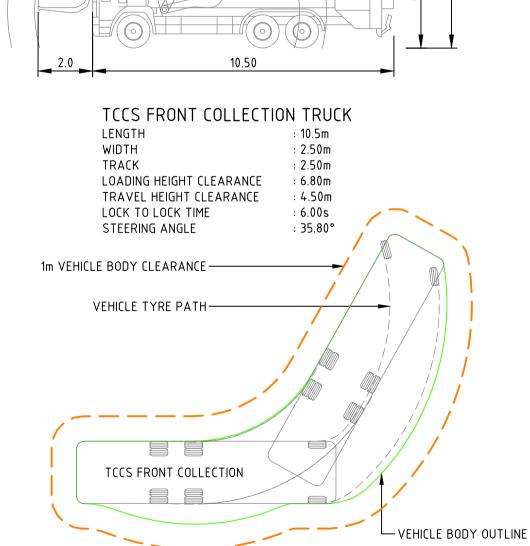


- CLEARANCE SHOWN FOR SPACING OF HOPPERS AS PER 2019 DCC.

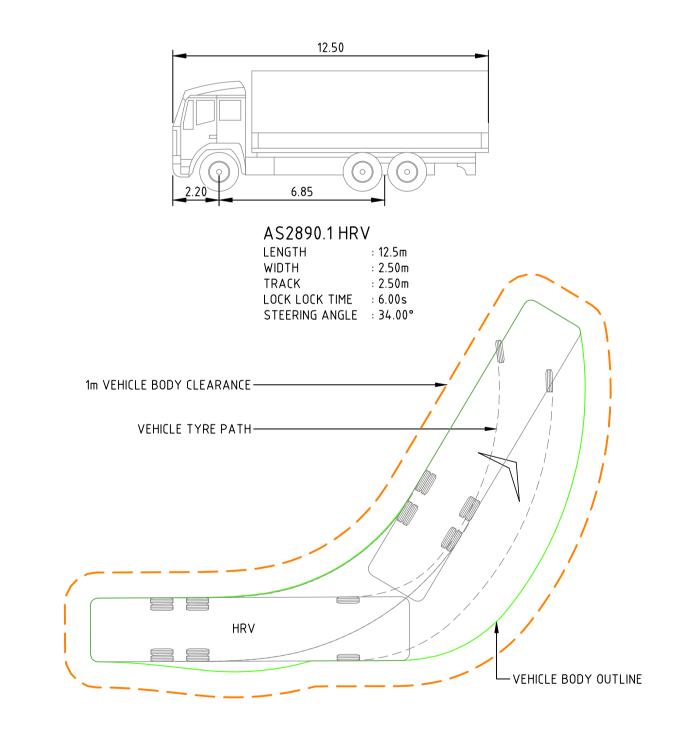
1100L RECYCLING HOPPER DIMENSIONS SCALE 1:50







- 1. WASTE ENCLOSURE FLOORS AND 2.4m x 2.4m HOPPER PADS ARE TO BE CONSTRUCTED OF FORMED CONCRETE WITH SLIP
- RESISTANCE FINISH. EDGES OF DOORWAYS OR CORNERS OF WALLS WITHIN THE WASTE ENCLOSURE ARE TO BE FITTED WITH GALVANISED STEEL
- ANGLES. FLOOR, WALLS AND CEILINGS MUST BE CONSTRUCTED OF SOLID MATERIAL. I.E NOT RENDERED OR PLASTERED.
- FINISHES ARE TO BE SMOOTH AND IMPERVIOUS.
- PROTECTIVE STEEL SHEETING MUST BE INSTALLED FLUSH ON THE INSIDE OF ENCLOSURE WALLS. A BUMP RAIL CONSTRUCTED OF GALVANISED STEEL OR OTHER DURABLE IMPERVIOUS MATERIAL MUST BE INSTALLED AROUND THE WALLS. BUMP RAILS TO BE AT A HEIGHT BETWEEN 0.9m AND 1.3m. THE BUMP RAIL MUST BE A MINIMUM 50mm
- CLEAR OF WALLS. DOORWAYS FOR HOPPER TRANSFER MUST HAVE A MINIMUM CLEAR WIDTH OF 2.4m, UNLESS OTHERWISE APPROVED BY ACT
- DOORWAYS FOR HOPPER TRANSFER MUST HAVE A MINIMUM CLEAR HEIGHT OF 2.4m, UNLESS OTHERWISE APPROVED BY ACT
- WHERE BUILDING OCCUPANTS ARE REQUIRED TO HAVE ACCESS, A SEPARATE ACCESSIBLE DOORWAY (0.85m WIDE) MUST BE
- PROVIDED WITH AN ACCESSIBLE PATH OF TRAVEL TO DEPOSIT WASTE AND RECYCLING IN THE BINS.
- 10. RAINWATER MUST BE PREVENTED FROM ENTERING THE SEWERAGE SYSTEM BY PROVIDING ROOFING OR PROTECTION
- AGAINST WIND BLOWN RAIN AND DIVERTING RUNOFF.
- DOORS TO THE WASTE ENCLOSURE MUST BE DURABLE AND SELF-CLOSING.
- WHERE ROLLER DOORS ARE USED THEY MUST HAVE SIGNAGE STATING, "DOOR TO BE KEPT SHUT WHEN NOT IN USE".
- AN INTERNAL LIGHT SWITCH MUST BE LOCATED ADJACENT TO THE ENTRY DOOR. 14. SUITABLE PROTECTION MUST BE PROVIDED TO ALL FITTINGS AND SERVICES WITHIN THE WASTE ROOM OR AROUND THE
- DESIGNATED HOPPER PAD TO PREVENT DAMAGE FROM BIN MOVEMENTS. DOORWAYS ON ENCLOSURES HOUSING HOPPERS MUST BE SUFFICIENTLY WIDE TO ALLOW FOR EASY ACCESS OF HOPPERS
- AND MUST BE FITTED WITH GALVANISED STEEL ANGLES ON THE INSIDE AND OUTSIDE TO PROTECT THEM AGAINST DAMAGE CAUSED BY HOPPERS STRIKING DOORS WHEN THEY ARE BEING RELOCATED. BOLLARDS MAY BE USED INSTEAD OF STEEL ANGLES AND IN SITUATIONS TO PROTECT ROLLER DOOR RAILS.
- 16. ALL DRAINS WITHIN WASTE ENCLOSURE ARE TO BE DESIGNED TO PREVENT THE CATCHING OF BIN WHEELS. SLOTTED GRATES ARE NOT PERMITTED.
- GRADES INSIDE THE WASTE ENCLOSURE ARE NOT TO EXCEED 2% (1:50) AND FALL TOWARDS AN INTERNAL FLOOR WASTE
- WITH SILT TRAP (IF PRESENT) OR OTHERWISE THE DOORWAY. 18. GRADES OF THE 2.4m x 2.4m HOPPER COLLECTION PAD AND THE PATH OF TRAVEL BETWEEN THE HOPPER PAD AND WASTE
- ROOM ARE NOT TO EXCEED 3% (1:33). 19. GRADES OF THE PATH OF TRAVEL FOR MGB'S BETWEEN THE COLLECTION PAD AND WASTE ROOM ARE NOT TO EXCEED 10%
- 20. FINISHED FLOOR LEVEL BETWEEN HOPPER PAD AND WASTE ROOM MUST BE FLUSH WITH NO LIP.
- 21. ALL COMMERCIAL ENCLOSURES TO INCLUDE ROOF, FLOOR WASTE AND WATER SUPPLY.
- ALL RESIDENTIAL ENCLOSURES WITHIN THE FABRIC OF THE BUILDING TO INCLUDE FLOOR WASTE AND WATER SUPPLY.
- WHERE A WATER SUPPLY IS REQUIRED, A COLD TAP MUST BE PROVIDED EITHER IN OR ADJACENT TO THE ENCLOSURE SO THAT THE WASTE CONTAINER CAN BE CLEANED. A PROTECTIVE STEEL GUARD RAIL OR BOLLARD AROUND THE TAP MUST BE
- PROVIDED TO PREVENT DAMAGE WHEN BINS ARE BEING MOVED. 24. SEPARATE SEWER AND WATER CONNECTIONS ARE TO BE PROVIDED TO THE SEPARATE WASTE ENCLOSURES.
- 25. ALL WASTE/RECYCLING/GREEN WASTE ROTATION OF BINS WITHIN SITE BETWEEN THE SATELLITE ENCLOSURES AND THE
- MAIN ENCLOSURE IS TO BE UNDERTAKEN BY BODY CORPORATE. HOPPERS TO BE FITTED WITH APPROPRIATE CONNECTIONS FOR TUG DEVICE. FITTING TO ENSURE THAT THEY ARE
- COMPATIBLE AND DO NOT INTERFERE WITH ACT NOWASTE COLLECTION., RESIDENTIAL WASTE AND RECYCLING CAPACITY HAS BEEN PROVIDED IN ACCORDANCE WITH THE 2019 DCC.
- 28. ALL BINS PROVIDED FOR THE DEVELOPMENT ARE TO COMPLY WITH AUSTRALIAN STANDARD 4123.
- 29. ALL BINS ARE TO BE CLEARLY IDENTIFIED TO PREVENT WASTE AND RECYCLING BEING CONTAMINATED.
- WASTE STRATEGY ASSESSED AGAINST 'WASTE AND RECYCLE MANAGEMENT CODE (2019)'.



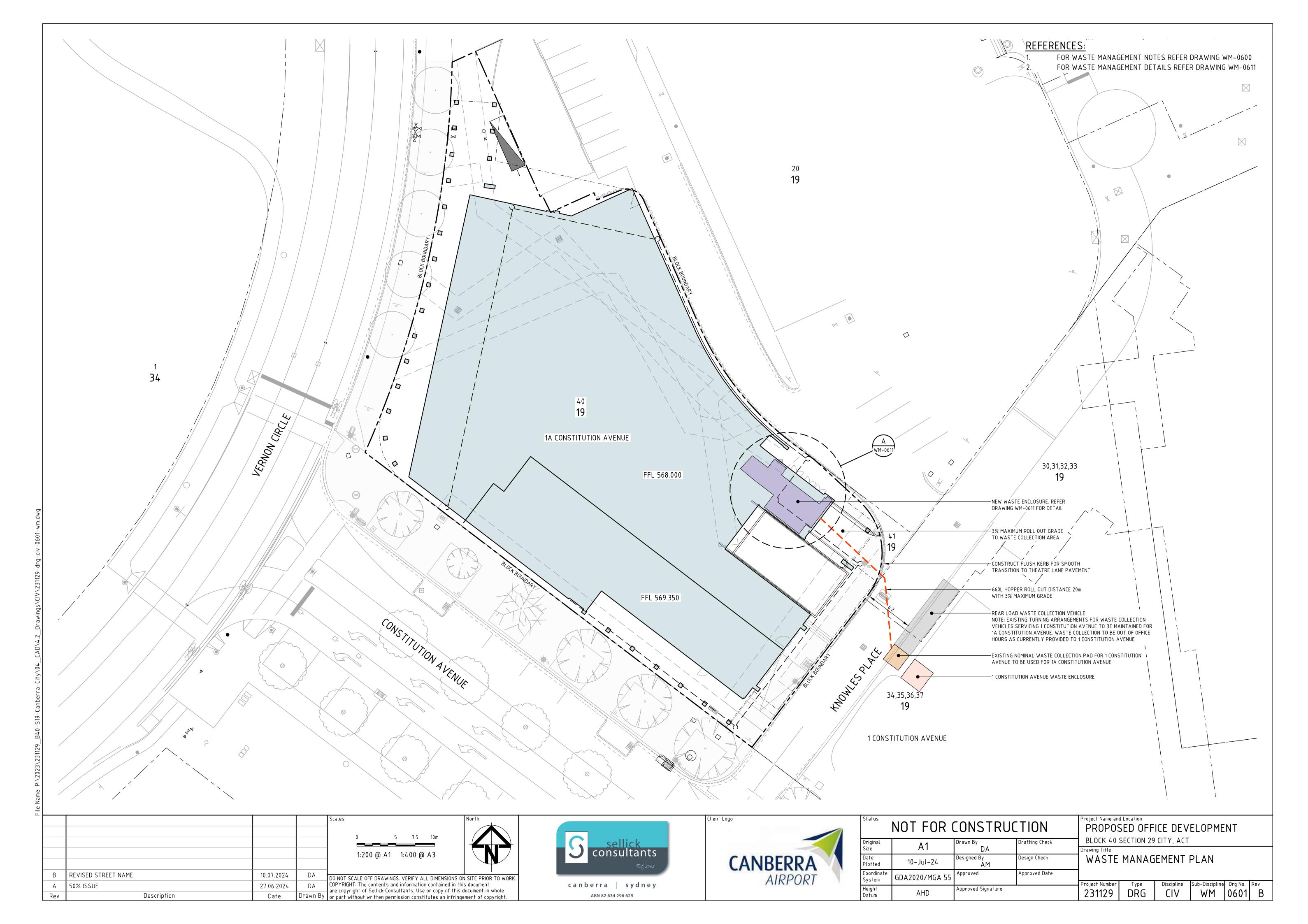
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tatus	NOT FOR CONSTRUCTION				Project Name and Location PROPOSED OFFICE DEVELOPMENT					
riginal	A1	Drawn By	Drafting Check	BLOCK 40	SECTION 29	CITY, ACT				
ize	AI	DA		Drawing Title						
ate lotted	27-Jun-24	Designed By AM	Design Check	WASTE	MANAG	EMENT I	NOTES			
oordinate ystem	GDA2020/MGA 55	Approved	Approved Date	Project Number	Type	Discipline	Sub-Discipline	Dag No.	Dov	
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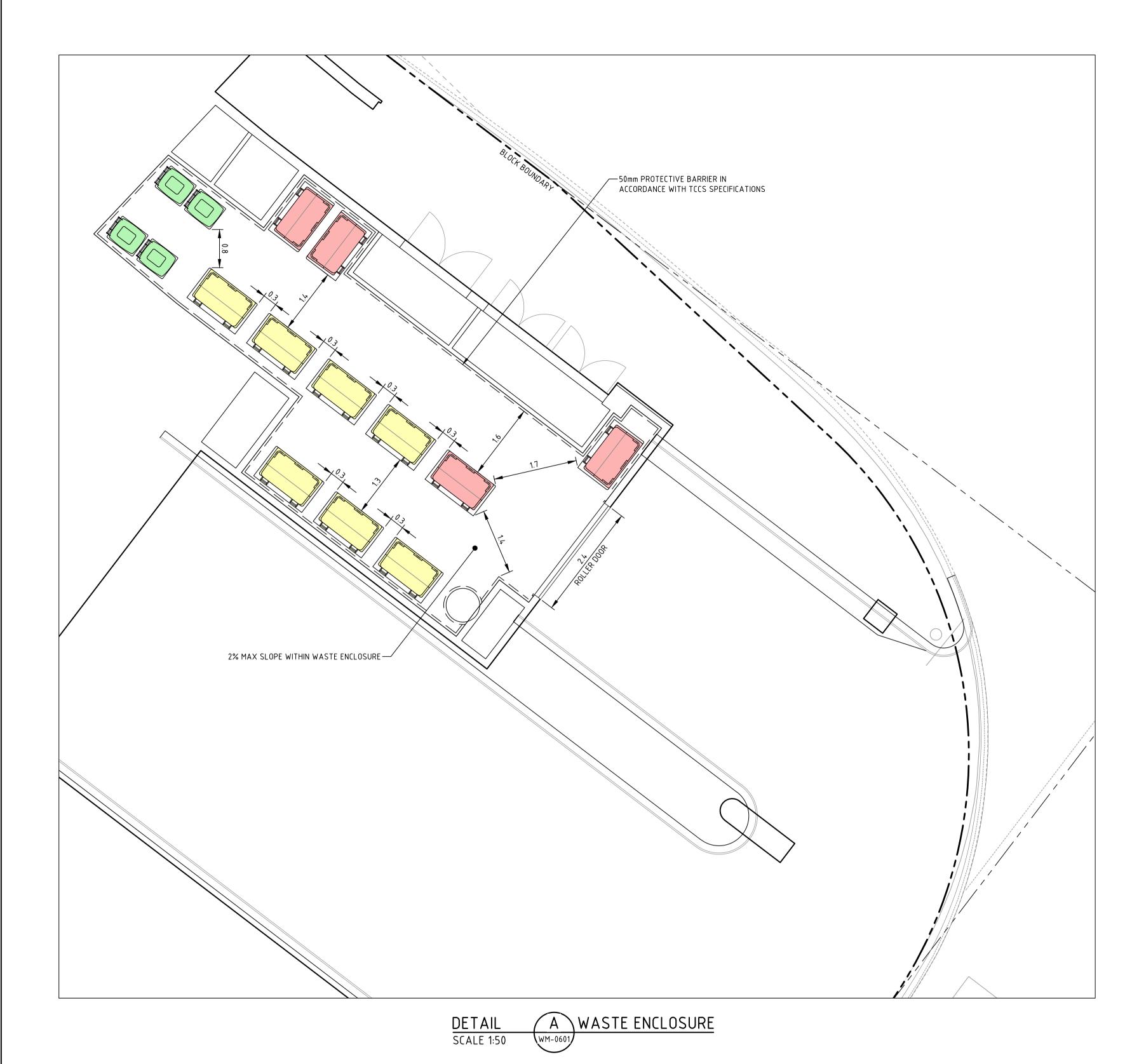


FOR WASTE MANAGEMENT NOTES REFER DRAWING WM-0600

			WASTE F	REQUIREMENT:	S			
COMMERCIAL								
USAGE	AREA m ²	DAYS OF OPERATION	WASTE/100m² /DAY (LITRES)	TOTAL WASTE/ WEEK (m³)	BIN SIZE	NO. OF COLLECTIONS PER WEEK	COMPACTION	WEEKLY CAPACITY (m³)
COMMERCIAL OFFICE	16588	5	15	12.441				
RESTAURANT/EATING	75	5	100	0.375	4 x 0.66m ³	5	1	13.20
TOTAL	16663			12.816				

RECYCLING REQUIREMENTS											
COMMERCIAL											
USAGE	AREA m²	DAYS OF OPERATION	RECYCLING/100m ² /DAY (LITRES)	TOTAL RECYCLING/ WEEK (m³)	BIN SIZE	NO. OF COLLECTIONS PER WEEK	COMPACTION	WEEKLY CAPACITY (m³			
COMMERCIAL OFFICE	16588	5	25	20.735							
RESTAURANT/EATING	75	5	135	0.506	7 x 0.66m ³	5	1	23.10			
TOTAL	16663			21.241							

	ORGANIC REQUIREMENTS											
COMMERCIAL	OMMERCIAL											
USAGE	AREA m²	DAYS OF OPERATION	RECYCLING/100m ² /DAY (LITRES)	TOTAL RECYCLING/ WEEK (m³)	BIN SIZE	NO. OF COLLECTIONS PER WEEK	COMPACTION	WEEKLY CAPACITY (m³)				
COMMERCIAL OFFICE	16588	5	5	4.147								
RESTAURANT/EATING	75 5 0		0.000	4 x 0.24m ³	5	1	4.80					
TOTAL	16663			4.147								



				0 1 1.5 2 2.5m 1:50 @ A1 1:100 @ A3						
A	50% ISSUE	27.06.2024	DΔ	DO NOT SCALE OFF DRAWINGS. VERIFY ALL DIMENSIONS ON SITE PRIOR TO WORK. COPYRIGHT: The contents and information contained in this document						
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Status	NOT FOR CONSTRUCTION				Project Name and Location PROPOSED OFFICE DEVELOPMENT					
Original Size	A1	Drawn By DA	Drafting Check	BLOCK 40 Drawing Title	SECTION 29	CITY, ACT				
Date Plotted	27-Jun-24	Designed By AM	Design Check		WASTE MANAGEMENT DETAILS					
Coordinate System	GDA2020/MGA 55	Approved	Approved Date	D : 1N 1	-	Dia talia	la i po de la	D. N.	D.	
Height Datum	AHD	Approved Signature	,	Project Number 231129	DRG	Discipline CIV	Sub-Discipline WM	Drg No. 0611	A	