ALDINGTON AND ABBOTTS ROAD UPGRADE (AARU) 3000-SERIES, CIVIL WORKS PACKAGE PHASE 1



Р3	ISSUED FOR CONSTRUCTION	13-03-25
P2	100% FOR CONSTRUCTION APPROVAL	18-12-24
P1	DRAFT ISSUE FOR REVIEW	06-03-24
Issue	Description	Date

100mm on Original

GENERAL NOTES

STREET PLANTING IS TO BE IN ACCORDANCE WITH THE MAMRE ROAD PRECINCT DCP AND REQUIREMENTS OF SYDNEY WATER

STREET LIGHT DESIGN FOR ABBOTTS ROAD AND ALDINGTON ROADS TO BE DESIGNED TO CATEGORY PR2 AS PER AS1158







Date Plotted: 13 Mar 2025 - 03:49PM File Name: F:\24-1177 AARU ESR\6.0 Drgs\Civil\Final\3000_Series\24-1177-C3000.dwg

DRAWING LIST 24-1177-C3000 COVER SHEET DRAWING LIST 24-1177-C3001 24-1177-C3002 GENERAL NOTES GENERAL ARRANGEMENT PLAN 24-1177-C3010 24-1177-C3011 DRAWING KEY PLAN TYPICAL SECTIONS 24-1177-C3021 **TYPICAL ROAD SECTIONS SHEET 1** 24-1177-C3022 TYPICAL ROAD SECTIONS SHEET 2 24-1177-C3023 TYPICAL ROAD SECTIONS SHEET 3 TYPICAL ROAD VERGE DETAILS SHEET 1 24-1177-C3029 24-1177-C3030 TYPICAL ROAD VERGE DETAILS SHEET 2 24-1177-C3031 TYPICAL ROAD DETAILS 24-1177-C3032 TYPICAL LANDSCAPE DETAILS ALIGNMENT AND SETOUT ALIGNMENT CONTROL LINE SETOUT PLANS SHEET 1 24-1177-C3051 24-1177-C3061 ALIGNMENT CONTROL LINE SETOUT TABLES 24-1177-C3081 KERB RETURN ALIGNMENT CONTROL LINE SETOUT PLANS ROADWORKS 24-1177-C3101 ROADWORKS PLAN SHEET 1 24-1177-C3102 ROADWORKS PLAN SHEET 2 24-1177-C3103 ROADWORKS PLAN SHEET 3 24-1177-C3104 ROADWORKS PLAN SHEET 4 24-1177-C3105 ROADWORKS PLAN SHEET 5 ROAD LONGSECTIONS 24-1177-C3151 ROAD LONGITUDINAL SECTIONS ALDINGTON ROAD SHEET 1 24-1177-C3152 ROAD LONGITUDINAL SECTIONS ALDINGTON ROAD SHEET 2 24-1177-C3171 ROAD LONGITUDINAL SECTIONS ABBOTTS ROAD SHEET 1 ROAD LONGITUDINAL SECTIONS ABBOTTS ROAD SHEET 2 24-1177-C3172 24-1177-C3173 ROAD LONGITUDINAL SECTIONS ABBOTTS ROAD SHEET 3 ROAD LONGITUDINAL SECTIONS ABBOTTS ROAD SHEET 4 24-1177-C3174 24-1177-C3181 DRIVEWAY LONGITUDINAL SECTIONS ABBOTTS ROAD SHEET 1 24-1177-C3182 DRIVEWAY LONGITUDINAL SECTIONS ALDINGTON ROAD SHEET 2 24-1177-C3191 KERB ALIGNMENT LONGITUDINAL SECTIONS SHEET 1 BULK EARTHWORKS PLAN 24-1177-C3201 BULK EARTHWORKS CUT\FILL PLAN SHEET 1 BULK EARTHWORKS CUT\FILL PLAN SHEET 2 24-1177-C3202 SIGNAGE AND LINEMARKING 24-1177-C3301 SIGNAGE AND LINEMARKING PLAN SHEET 1 24-1177-C3302 SIGNAGE AND LINEMARKING PLAN SHEET 2 24-1177-C3303 SIGNAGE AND LINEMARKING PLAN SHEET 3 SIGNAGE AND LINEMARKING PLAN SHEET 4 24-1177-C3304 24-1177-C3305 SIGNAGE AND LINEMARKING PLAN SHEET 5 PAVEMENT PLANS 24-1177-C3351 PAVEMENT PLAN SHEET 1 24-1177-C3352 PAVEMENT PLAN SHEET 2 24-1177-C3353 PAVEMENT PLAN SHEET 3 24-1177-C3354 PAVEMENT PLAN SHEET 4 PAVEMENT PLAN SHEET 5 24-1177-C3355 24-1177-C3381 PAVEMENT PROFILES 24-1177-C3382 PAVEMENT INTERFACE DETAILS 24-1177-C3383 PAVEMENT EDGE DETAILS STORMWATER DRAINAGE 24-1177-C3401 STORMWATER DRAINAGE PLAN SHEET 1 24-1177-C3402 STORMWATER DRAINAGE PLAN SHEET 2 24-1177-C3403 STORMWATER DRAINAGE PLAN SHEET 3 24-1177-C3404 STORMWATER DRAINAGE PLAN SHEET 4 24-1177-C3405 STORMWATER DRAINAGE PLAN SHEET 5 24-1177-C3421 PRE-DEVELOPED STORMWATER CATCHMENT PLAN SHEET 1 24-1177-C3431 SUBSURFACE DRAINAGE PLAN SHEET 1 24-1177-C3432 SUBSURFACE DRAINAGE PLAN SHEET 2 24-1177-C3433 SUBSURFACE DRAINAGE PLAN SHEET 3 24-1177-C3434 SUBSURFACE DRAINAGE PLAN SHEET 4 24-1177-C3435 SUBSURFACE DRAINAGE PLAN SHEET 5

24-1177-C3452 24-1177-C3453 24-1177-C3454 24-1177-C3455 24-1177-C3458 24-1177-C3483 24-1177-C3491 24-1177-C3492 PROPOSED UTILITIES PLAN 24-1177-C3501 24-1177-C3502 24-1177-C3503 24-1177-C3504 24-1177-C3505 ROAD FURNITURE PLAN 24-1177-C3551 24-1177-C3552 24-1177-C3553 24-1177-C3554 24-1177-C3555 24-1177-C3581 PROPOSED EROSION AND SEDIMENT CONTROL PLAN 24-1177-C3601 24-1177-C3602 24-1177-C3603 24-1177-C3604 24-1177-C3605 ROAD CROSS SECTIONS 24-1177-C3701 24-1177-C3702 24-1177-C3703 24-1177-C3704 24-1177-C3705 24-1177-C3706 24-1177-C3721 24-1177-C3722 24-1177-C3723 24-1177-C3724 24-1177-C3725 24-1177-C3726 24-1177-C3727 24-1177-C3728 24-1177-C3729 24-1177-C3730 24-1177-C3731 24-1177-C3732 VEHICLE TURN PATH PLANS 24-1177-C3801 24-1177-C3802 24-1177-C3803 24-1177-C3804 24-1177-C3821 24-1177-C3822 PROPERTY ACQUISITION 24-1177-C3851 24-1177-C3852 24-1177-C3853 24-1177-C3854 24-1177-C3855 RETAINING WALLS

24-1177-C3901

24-1177-C3902

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STORMWATER DRAINAGE LONGSECTION SHEET 1

24-1177-C3451

STORMWATER DRAINAGE LONGSECTION SHEET 2 STORMWATER DRAINAGE LONGSECTION SHEET 3 STORMWATER DRAINAGE LONGSECTION SHEET 4 STORMWATER DRAINAGE LONGSECTION SHEET 5 STORMWATER DRAINAGE LONGSECTION SHEET 8 STORMWATER DRAINAGE DETAILS SHEET 1 STORMWATER DRAINAGE PIT SETOUT DETAILS SHEET 1 STORMWATER DRAINAGE PIT SETOUT DETAILS SHEET 2

> SERVICES COORDINATION PLAN SHEET 1 SERVICES COORDINATION PLAN SHEET 2 SERVICES COORDINATION PLAN SHEET 3 SERVICES COORDINATION PLAN SHEET 4 SERVICES COORDINATION PLAN SHEET 5

> > ROAD FURNITURE PLAN SHEET 1 ROAD FURNITURE PLAN SHEET 2 **ROAD FURNITURE PLAN SHEET 3** ROAD FURNITURE PLAN SHEET 4 **ROAD FURNITURE PLAN SHEET 5** ROAD FURNITURE DETAILS

EROSION AND SEDIMENT CONTROL PLAN SHEET 1 EROSION AND SEDIMENT CONTROL PLAN SHEET 2 EROSION AND SEDIMENT CONTROL PLAN SHEET 3 EROSION AND SEDIMENT CONTROL PLAN SHEET 4 EROSION AND SEDIMENT CONTROL PLAN SHEET 5

ROAD CROSS SECTIONS ABBOTTS ROAD SHEET 1 ROAD CROSS SECTIONS ABBOTTS ROAD SHEET 2 ROAD CROSS SECTIONS ABBOTTS ROAD SHEET 3 ROAD CROSS SECTIONS ABBOTTS ROAD SHEET 4 ROAD CROSS SECTIONS ABBOTTS ROAD SHEET 5 ROAD CROSS SECTIONS ABBOTTS ROAD SHEET 6 ROAD CROSS SECTIONS ALDINGTON ROAD SHEET 1 ROAD CROSS SECTIONS ALDINGTON ROAD SHEET 2 ROAD CROSS SECTIONS ALDINGTON ROAD SHEET 3 ROAD CROSS SECTIONS ALDINGTON ROAD SHEET 4 ROAD CROSS SECTIONS ALDINGTON ROAD SHEET 5 ROAD CROSS SECTIONS ALDINGTON ROAD SHEET 6 ROAD CROSS SECTIONS ALDINGTON ROAD SHEET 7 ROAD CROSS SECTIONS ALDINGTON ROAD SHEET 8 ROAD CROSS SECTIONS ALDINGTON ROAD SHEET 9 ROAD CROSS SECTIONS ALDINGTON ROAD SHEET 10 ROAD CROSS SECTIONS ALDINGTON ROAD SHEET 11 ROAD CROSS SECTIONS ALDINGTON ROAD SHEET 12

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> PROPERTY ACQUISITION PLAN SHEET 1 PROPERTY ACQUISITION PLAN SHEET 2 PROPERTY ACQUISITION PLAN SHEET 3 PROPERTY ACQUISITION PLAN SHEET 4 PROPERTY ACQUISITION PLAN SHEET 5

> > RETAINING WALLS PLAN RETAINING WALLS SECTIONS

Client		Scales	Drawn	SK	Project	Civil Engineers and Project Managers	
		N.T.S.	Designed	EH	ALDINGTON AND ABBOTTS	Level 7, 153 North Sydne	Walker Street y NSW 2060
		Grid GDA2020	Checked	GB		ABN 96 130 Tel: 02 94 Fax: 02 99	882 405 39 1777 23 1055
	FSR	Height AHD Datum AHD	Approved	AL		www.atl.net.au info@atl.net.au	
		GDA2020		DRAWING LIST	FOR CONSTRUCTIO	N A1	
		THIS DRAWING CANNOT BE COP OR USED FOR ANY OTHER PURPO INTENDED WITHOUT THE W	ED OR REPRODUC DSE OTHER THAN T RITTEN PERMISSIC	ED IN ANY FORM HAT ORIGINALLY NN OF AT&L		Project - Drawing No. 24-1177-C3001	Issue P3
Date Plotted: 13 Mar 2025 – 03:49PM File Name: F:\24–1177 AARU ESR\6.0 Drgs\Civil\Final\3000_Series\24–1177–C3001.dw					4–1177–C3001.dwg		

PENRITH

Development Consent:

PENRITH

S138 Roads Act:

CITY COUNCIL

Subdivision Works Certificate: EA24/0058

Subject to the conditions outlined in the consent

Subject to the conditions outlined in the consent

This plan / document relates to

CITY COUNCIL This plan / document relates to

Development Consent: SSD9138102

COUNCIL DOES NOT ATTEST TO THE ACCURACY OF DETAILS IN PLANS

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SSD9138102

EA24/0058

CIVIL WORKS GENERAL NOTES

GENERAL NOTES

- LEVELS ARE TO AUSTRALIAN HEIGHT DATUM (A.H.D). 2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTES OTHERWISE. ALL LEVELS, METREAGES, STATIONS AND
- CO-ORDINATES ARE EXPRESSED IN METRES. SERVICES ARE INDICATIVE ONLY. THE CONTRACTOR IS TO CONFIRM LOCATIONS OF ALL SERVICES PRIOR TO COMMENCING WORK. THE CONTRACTOR TO ENSURE ADOPTED. METHOD OF CONSTRUCTION WILL AVOID DAMAGE TO ALL
- SERVICES. ACCESS TO PROPERTIES TO BE MADE AVAILABLE BY CONTRACTOR AT ALL TIMES DURING CONSTRUCTION.

SURVEY NOTES

THE EXISTING SITE CONDITIONS SHOWN ON THE FOLLOWING DRAWINGS HAVE BEEN INVESTIGATED BY LANDPARTNERS, BEING REGISTERED SURVEYORS. THE INFORMATION IS SHOWN TO PROVIDE A

BASIS FOR DESIGN. AT & L DOES NOT GUARANTEE THE ACCURACY OR COMPLETENESS OF THE SURVEY BASE OR ITS SUITABILITY AS A BASIS FOR CONSTRUCTION DRAWINGS. POINT OF ORIGIN: PM33562

SHOULD DISCREPANCIES BE ENCOUNTERED DURING CONSTRUCTION BETWEEN THE SURVEY DATA AND ACTUAL FIELD DATA, CONTACT AT & L.

THE FOLLOWING NOTES HAVE BEEN TAKEN DIRECTLY FROM THE ORIGINAL SURVEY DOCUMENTS.

IMPORTANT NOTE:

TREE SIZES ARE ESTIMATES ONLY. ONLY VISIBLE SERVICES HAVE BEEN LOCATED IN THIS SURVEY.

SERVICE AND UTILITIES SHOWN ON PLAN HAVE BEEN LOCATED BY PHYSICAL EVIDENCE ON SITE ONLY AND MAY NOT HAVE BEEN OPENED TO VERIFY THE TYPE OF UTILITY. NEITHER EXCAVATION NOR POTHOLING HAVE BEEN CARRIED OUT TO CONFIRM UNDERGROUND LOCATION. SERVICE DETAILS SHOULD BE CONFIRMED WITH THE RELEVANT SERVICE AUTHORITY DURING DESIGN AND PRIOR TO ANY CONSTRUCTION

ALL DIMENSIONS MUST BE VERIFIED ON SITE PRIOR TO ANY CONSTRUCTION. THE POSITION OF SURVEYED DATA HAS BEEN LOCATED AND IS SHOWN TO TOPOGRAPHIC ACCURACIES. IF CLEARANCES TO BOUNDARIES OR OTHER FEATURES ARE CRITICAL AND DIMENSIONS ARE NOT SHOWN FURTHER SURVEY MAY BE REQUIRED. THE TITLE BOUNDARIES SHOWN HEREON WERE NOT MARKED AT THE TIME OF

SURVEY AND HAVE BEEN DETERMINED BY PLAN DIMENSIONS ONLY AND NOT BY FIELD SURVEY. ANY CONSTRUCTION ON OR NEAR BOUNDARIES WILL REQUIRE FURTHER

SURVEY IN ORDER THAT MARKS DEFINING BOUNDARIES CAN BE PLACED.

EXISTING UNDERGROUND SERVICES

- THE LOCATIONS OF UNDERGROUND SERVICES SHOWN IN THIS SET OF DRAWINGS HAVE BEEN PLOTTED FROM SURVEY INFORMATION AND SERVICE AUTHORITY INFORMATION. THE SERVICE INFORMATION HAS BEEN PREPARED ONLY TO SHOW THE APPROXIMATE POSITIONS OF ANY KNOWN SERVICES AND MAY NOT BE AS CONSTRUCTED OR ACCURATE.
- AT & L CAN NOT GUARANTEE THAT THE SERVICES INFORMATION SHOWN ON THESE DRAWINGS ACCURATELY INDICATES THE PRESENCE OR ABSENCE OF SERVICES OR THEIR LOCATION AND WILL ACCEPT NO LIABILITY FOR INACCURACIES IN THE SERVICES INFORMATION SHOWN FROM ANY CAUSE WHATSOEVER.
- CONTRACTORS SHALL TAKE DUE CARE WHEN EXCAVATING ONSITE INCLUDING HAND EXCAVATION WHERE NECESSARY.
- CONTRACTORS ARE TO CONTACT THE RELEVANT SERVICE AUTHORITY PRIOR TO COMMENCEMENT OF EXCAVATION WORKS.
- CONTRACTORS ARE TO UNDERTAKE A SERVICES SEARCH. PRIOR TO COMMENCEMENT OF WORKS ON SITE. SEARCH RESULTS ARE TO BE KEPT ON SITE AT ALL TIMES.
- PRIOR TO COMMENCEMENT OF WORKS, THE CONTRACTOR IS TO CONFIRM THE ALIGNMENT AND LEVELS OF ALL EXISTING SERVICES AT ALL LOCATIONS WHERE THE PROPOSED SERVICES ARE TO CROSS, CONNECT TO, OR ARE LOCATED IN CLOSE PROXIMITY TO THE EXISTING SERVICES.

DEWATERING

ANY DEWATERING WORKS TO BE AS PER THE DEWATERING PROCEDURE AS CONTAINED WITHIN THE CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN (CEMP).

DECOMMISSIONING / DEMOLITION

EXISTING FENCING, UTILITIES AND OTHER REDUNDANT STRUCTURES TO BE DEMOLISHED AND REMOVED TO AN APPROVED WASTE MANAGEMENT FACILITY.

100mm on Original

NOTE

THESE NOTES ARE TO BE READ IN CONJUNCTION WITH THE CONSTRUCTION SPECIFICATION FOR THE THE RELEVANT AUTHORITY.

WHERE A DISCREPANCY EXISTS BETWEEN THESE NOTES AND THOSE WITHIN AN AUTHORITY SPECIFICATION. THE AUTHORITY SPECIFICATION MUST BE ADOPTED.

KERBING NOTES

- ALL CONCRETE TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 25 MPa U.N.O IN REINFORCED CONCRETE NOTES.
- ALL KERBS, GUTTERS, DISH DRAINS AND CROSSINGS TO BE CONSTRUCTED ON MIN. 100mm GRANULAR BASECOURSE COMPACTED TO MINIMUM 95% MODIFIED DRY DENSITY (AS 1289 5.2.1).
- EXPANSION JOINTS (E.J) TO BE FORMED FROM 10mm COMPRESSIBLE CORK FILLER BOARD FOR THE FULL DEPTH OF THE SECTION AND CUT TO PROFILE. EXPANSION JOINTS TO BE LOCATED AT DRAINAGE PITS, ON TANGENT POINTS OF CURVES AND ELSEWHERE AT MAX 12m CENTRES EXCEPT FOR INTEGRAL KERBS WHERE THE EXPANSION JOINTS ARE TO MATCH THE JOINT LOCATIONS IN THE SLABS.
- WEAKENED PLANE JOINTS TO BE MIN 3mm WIDE AND LOCATED AT 3m CENTRES EXCEPT FOR INTEGRAL KERBS WHERE THE WEAKENED PLANE JOINTS ARE TO MATCH THE JOINT LOCATIONS IN THE SLABS.
- BROOM FINISH TO ALL RAMPED AND VEHICULAR CROSSINGS. ALL OTHER KERBING OR DISH DRAINS TO BE STEEL FLOAT FINISHED.
- 6. IN THE REPLACEMENT OF KERB AND GUTTER :-EXISTING ROAD PAVEMENT IS TO BE SAWCUT 900mm U.N.O FROM THE LIP OF GUTTER. UPON COMPLETION OF THE NEW KERB AND GUTTER NEW BASECOURSE AND SURFACE TO BE LAID 900mm WIDE U.N.O.
- EXISTING ALLOTMENT DRAINAGE PIPES ARE TO BE BUILT INTO THE NEW KERB AND GUTTER WITH 100mm DIA HOLE.
- 8. EXISTING KERB AND GUTTER IS TO BE COMPLETELY REMOVED WHERE NEW KERB AND GUTTER IS SHOWN.

EMBANKMENT CONSTRUCTION SEQUENCE

1. STRIP VEGETATION AND TOPSOIL FROM EMBANKMENT AREA AND STOCKPILE TOPSOIL FOR LATER USE. CUT BACK AREA TO FIRM GROUND.

- 2. CONSTRUCT EMBANKMENT IN PRESENCE OF YOUR QUALIFIED AND EXPERIENCED GEOTECHNICAL ENGINEER IF NOT ROCK. GEOTECHNICAL ENGINEER TO PROVIDE CERTIFICATION EMBANKMENTS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH DOCUMENTATION.
- 3. IN THE CASE WHERE THE EMBANKMENT MATERIAL IN UNSUITABLE, THE CONTRACTOR WILL SOURCE SUITABLE MATERIAL FOR EMBANKMENTS AND PROVIDE GEOTECHNICAL CERTIFICATION.
- 4. COMPACT CLAY STABILISED WITH HYDRATED LIME (3% BY DRY MASS, MINIMUM) AS APPROVED BY A QUALIFIED AND EXPERIENCED GEOTECHNICAL ENGINEER INTO THE CUT-OFF TRENCH OF LAYER OF 300mm THICKNESS TO A DRY DENSITY EQUIVALENT TO 98% OF THAT DETERMINED BY STANDARD COMPACTION (AS 1289.5.1.1) AND AT A MOISTURE CONTENT OF -2% TO +2% OF OPTIMUM MOISTURE CONTENT.
- 5. CONSTRUCT BODY OF EMBANKMENT WITH STABILISED CLAYEY MATERIAL WON FROM SITE WITH HYDRATED LIME (3% BY DRY MASS MINIMUM) OR IMPORT STABILISED MATERIAL OF THE SAME STANDARD. COMPACT THE CLAYEY MATERIAL APPROVED BY A QUALIFIED AND EXPERIENCED GEOTECHNICAL ENGINEER IN LAYER OF 300mm THICKNESS TO A DRY DENSI EQUIVALENT TO 98% OF THAT DETERMINED BY STANDARD COMPACTION (AS 1289.5.1.1) AND AT A MOISTURE CONTENT OF -2% TO +2% OF OPTIMUM MOISTURE CONTENT. MOST IMPORTANTLY, IF SHRINKAGE CRACKS OCCUR. REPAIR AS DIRECTED BY YOUR QUALIFIED AND EXPERIENCED GEOTECHNICA ENGINEER.
- 6. OVERFILL THE EMBANKMENT AND TRIM OFF, SO THAT THE ENTIRE BODY OF THE EMBANKMENT IS COMPACTED.
- 7. PLACE ROCK RIP-RAP AS SHOWN.
- 8. RECOVER TOPSOIL FROM STOCKPILE AND SPREAD OVER EMBANKMENT AND CUT BATTERS (A THIN COVER OF TOPSOIL ONLY HAS BEEN NOMINATED). ONLY LIGHTLY TRACK-ROLL THE TOPSOIL AND THEN LANDSCAPE IN ACCORDANCE WITH THE LANDSCAPE AREA DRAWINGS.
- 9. WATER AND FERTILIZE LANDSCAPE AS REQUIRED BY CLIMACTIC CONDITIONS TO ENSURE THE LANDSCAPE IS SUCCESSFUL.
- 10. AT THE COMPLETION OF WORK WRITTEN CONFIRMATION & CERTIFICATION IS TO BE PROVIDED FROM A QUALIFIED & EXPERIENCED GEOTECHNICAL ENGINEER THAT THE EMBANKMENTS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THESE DRAWINGS.

(CONC
1.	ALL WC AS 3600 VARIED
2.	CONCR ALL RE SPECIF REINFC
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KERB PITS

NOMINAL BAR

8. FOLLOWING DETAIL:

- 1% AFP 5% AEP
- WELDED JOINTS.
- IN HEIGHT.

- FOR FURTHER DIRECTIONS.

16. ALL PIPE CROSSINGS AND DRAINAGE PIPES Bar Scales **UNDER ROAD PAVEMENT TO BE CLASS 4 RCPS** P3 | ISSUED FOR CONSTRUCTION 13-03-25 18-12-24 P2 100% FOR CONSTRUCTION APPROVAL 06-03-24 DRAFT ISSUE FOR REVIEW Date Description

CRETE NOTES

ORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH 0 CURRENT EDITION WITH AMENDMENTS. EXCEPT WHERE D BY THE CONTRACT DOCUMENTS.

RETE QUALITY EQUIREMENTS OF THE CURRENT ACSE CONCRETE FICATION DOCUMENT 1 SHALL APPLY TO THE FORMWORK,

DRCEMENT AND CONCRETE UNLESS NOTED OTHERWISE.

ELEMENT	AS 3600 F'c MPa AT 28 DAYS	SPECIFIED SLUMP	NOMINAL AGG. SIZE
VEHICULAR BASE	32	60	20
KERBS, PATHS, AND	25	80	20

- CEMENT TYPE SHALL BE (ACSE SPECIFICATION) TYPE SL

- PROJECT CONTROL TESTING SHALL BE CARRIED OUT IN ACCORDANCE WITH AS 1379.

NO ADMIXTURES SHALL BE USED IN CONCRETE UNLESS APPROVED IN WRITING BY AT & L.

CLEAR CONCRETE COVER TO ALL REINFORCEMENT FOR DURABILITY SHALL BE 40mm TOP AND 70mm FOR EXTERNAL **FDGES UNLESS NOTED OTHERWISE.**

ALL REINFORCEMENT SHALL BE FIRMLY SUPPORTED ON MILD STEEL PLASTIC TIPPED CHAIRS, PLASTIC CHAIRS OR CONCRETE CHAIRS AT NOT GREATER THAN 1m CENTRES BOTH WAYS, BARS SHALL BE TIED AT ALTERNATE INTERSECTIONS.

6. THE FINISHED CONCRETE SHALL BE A DENSE HOMOGENEOUS MASS. COMPLETELY FILLING THE FORMWORK. THOROUGHLY EMBEDDING THE REINFORCEMENT AND FREE OF STONE POCKETS. ALL CONCRETE INCLUDING SLABS ON GROUND AND FOOTINGS SHALL BE COMPACTED AND CURED IN ACCORDANCE WITH R.M.S SPECIFICATION

REINFORCEMENT SYMBOLS:

N DENOTES GRADE 450 N BARS TO AS 1302 GRADE N R DENOTES 230 R HOT ROLLED PLAIN BARS TO AS 1302

SL DENOTES HARD-DRAWN WIRE REINFORCING FABRIC TO AS 1304 NUMBER OF BARS IN GROUP ____ BAR GRADE AND TYPE

THE FIGURE FOLLOWING THE FABRIC SYMBOL SL IS THE REFERANCE NUMBER FOR FABRIC TO AS 1304.

FABRIC SHALL BE LAPPED IN ACCORDANCE WITH THE

1 <u>25</u> MIN LAP TWO WIRES

STORMWATER DRAINAGE NOTES

STORMWATER DESIGN CRITERIA (A) AVERAGE EXCEEDANCE PROBABILITY:

MAJOR STORM (OVERLAND FLOW) MINOR STORM (PIPED NETWORK)

2. PIPES 300 DIA. AND LARGER TO BE REINFORCED CONCRETE CLASS '3' APPROVED SPIGOT AND SOCKET WITH RUBBER RING JOINTS. U.N.O. 3. PIPES UP TO 300 DIA SHALL BE SEWER GRADE uPVC WITH SOLVENT

4. EQUIVALENT STRENGTH VCP OR FRC PIPES MAY BE USED, SUBJECT TO THE APPROVAL OF PENRITH CITY COUNCIL.

5. ALL STORMWATER DRAINAGE LINES UNDER PROPOSED BUILDING SLABS TO BE uPVC PRESSURE PIPE GRADE 6. ENSURE ALL VERTICALS AND DOWNPIPES ARE uPVC PRESSURE PIPE, GRADE 6 FOR A MIN OF 3.0m

6. PIPES TO BE INSTALLED TO TYPE HS3 SUPPORT IN ACCORDANCE WITH AS 3725 (2007) IN ALL CASES BACKFILL TRENCH WITH SAND TO 300mm ABOVE PIPE. WHERE PIPE IS UNDER PAVEMENTS BACKFILL REMAINDER OF TRENCH TO UNDERSIDE OF PAVEMENT WITH SAND OR APPROVED GRANULAR MATERIAL COMPACTED IN 150mm LAYERS TO MINIMUM 98% STANDARD MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS 1289 5.2.1. (OR A DENSITY INDEX OF NOT LESS THAN 75)

7. ALL INTERNAL WORKS WITHIN PROPERTY BOUNDARIES ARE TO COMPLY WITH THE REQUIREMENTS OF AS 3500 3.1 (1998) AND AS/NZS 3500 3.2

8. PRECAST PITS MAY BE USED SUBJECT TO APPROVAL BY AT & L.

9. ENLARGERS, CONNECTIONS AND JUNCTIONS TO BE PREFABRICATED

FITTINGS WHERE PIPES ARE LESS THAN 300 DIA. 10. WHERE SUBSURFACE DRAINS PASS UNDER FLOOR SLABS AND VEHICULAR PAVEMENTS, UNSLOTTED uPVC SEWER GRADE PIPE IS TO BE USED.

11. CARE IS TO BE TAKEN WITH LEVELS OF STORMWATER LINES. GRADES SHOWN ARE NOT TO BE REDUCED WITHOUT APPROVAL.

12. GRATES AND COVERS SHALL CONFORM TO AS 3996.

13. AT ALL TIMES DURING CONSTRUCTION OF STORMWATER PITS, ADEQUATE SAFETY PROCEDURES SHALL BE TAKEN TO ENSURE AGAINST THE POSSIBILITY OF PERSONNEL FALLING DOWN PITS.

4. ALL EXISTING STORMWATER DRAINAGE LINES AND PITS THAT ARE TO REMAIN ARE TO BE INSPECTED AND CLEANED. DURING THIS PROCESS ANY PART OF THE STORMWATER DRAINAGE SYSTEM THAT WARRANTS REPAIR SHALL BE REPORTED TO THE SUPERINTENDENT/ENGINEER

5. PROVIDE ANTI GRAFFITI PAINT TO FACE OF HEADWALLS.

EROSION AND SEDIMENT CONTROL

NOTES

GENERAL INSTRUCTIONS

- THE CONTRACTOR IS RESPONSIBLE FOR ENGAGING A SUITABLY QUALIFIED EROSION AND SEDIMENT CONSULTANT FOR THE DURATION OF THE CONTRACT WITH THE EXPERTISE IN DESIGNING AND DOCUMENTING THE CONTROLS TO ALLOW THE INSTALLATION AND MAINTENANCE OF THE EROSION AND SEDIMENT CONTROLS. SUITABLE EROSION AND SEDIMENT CONTROLS SHALL BE PROVIDED AND MAINTAINED BY THE CONTRACTOR REQUIRED TO SUIT THE CONSTRUCTION STAGING
- 2. ALL WORK SHALL BE GENERALLY CARRIED OUT IN ACCORDANCE WITH
- THE OFFICE OF ENVIRONMENT AND HERITAGE'S 'MANAGING URBAN STORMWATER: SOILS AND CONSTRUCTION. LANDCOM, (4TH EDITION) MARCH 2004 (REPRINTED 2006) (THE "BLUE BOOK"). VOLUME 1 AND VOLUME 2. LOCAL AUTHORITY REQUIREMENTS
- c. EPA REQUIREMENTS 3. MAINTAIN THE EROSION CONTROL DEVICES TO THE SATISFACTION
- OF THE SUPERINTENDENT AND THE LOCAL AUTHORITY. 4. WHEN STORMWATER PITS ARE CONSTRUCTED. PREVENT SITE RUNOFF ENTERING UNLESS SEDIMENT FENCES ARE ERECTED AROUND PITS.
- 5. CONTRACTOR IS TO ENSURE ALL EROSION & SEDIMENT CONTROL DEVICES ARE MAINTAINED IN GOOD WORKING ORDER AND OPERATE EFFECTIVELY. REPAIRS AND OR MAINTENANCE SHALL BE UNDERTAKEN AS REQUIRED, PARTICULARLY FOLLOWING STORM EVENTS.

LAND DISTURBANCE

6. WHERE PRACTICAL, THE SOIL EROSION HAZARD ON THE SITE WILL BE KEPT AS LOW AS POSSIBLE. TO THIS END, WORKS SHOULD BE UNDERTAKEN / INSTALLED AS DIRECTED BY THE CONTRACTORS EROSION AND SEDIMENT CONTROL CONSULTANT.

EROSION CONTROL

- 7. DURING WINDY WEATHER, LARGE, UNPROTECTED AREAS WILL BE KEPT MOIST (NOT WET) BY SPRINKLING WITH WATER TO KEEP DUST UNDER CONTROL
- 8. FINAL SITE LANDSCAPING WILL BE UNDERTAKEN AS SOON AS POSSIBLE AND WITHIN 20 WORKING DAYS FROM COMPLETION OF CONSTRUCTION ACTIVITIES.

SEDIMENT CONTROL

- 9. STOCKPILES WILL NOT BE LOCATED WITHIN 2 METRES OF HAZARD AREAS, INCLUDING LIKELY AREAS OF CONCENTRATED OR HIGH VELOCITY FLOWS SUCH AS WATERWAYS. WHERE THEY ARE BETWEEN 2 AND 5 METRES FROM SUCH AREAS, SPECIAL SEDIMENT CONTROL MEASURES SHOULD BE TAKEN TO MINIMISE POSSIBLE POLLUTION TO DOWNSLOPE WATERS, E.G. THROUGH INSTALLATION OF SEDIMENT FENCING.
- 0. ANY SAND USED IN THE CONCRETE CURING PROCESS (SPREAD OVER THE SURFACE) WILL BE REMOVED AS SOON AS POSSIBLE AND WITHIN 10 WORKING DAYS FROM PLACEMENT.
- 1. WATER WILL BE PREVENTED FROM ENTERING THE PERMANENT DRAINAGE SYSTEM UNLESS IT IS RELATIVELY SEDIMENT FREE. I.E. THE CATCHMENT AREA HAS BEEN PERMANENTLY LANDSCAPED AND/OR ANY LIKELY SEDIMENT HAS BEEN FILTERED THROUGH AN APPROVED STRUCTURE.
- 12. TEMPORARY SOIL AND WATER MANAGEMENT STRUCTURES WILL BE REMOVED ONLY AFTER THE LANDS THEY ARE PROTECTING ARE REHABILITATED.

OTHER MATTERS

Client

- 13. ACCEPTABLE RECEPTORS WILL BE PROVIDED FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER.
- 14. ANY EXISTING TREES WHICH FORM PART OF THE FINAL LANDSCAPING PLAN WILL BE PROTECTED FROM CONSTRUCTION ACTIVITIES BY:
- (A) PROTECTING THEM WITH BARRIER FENCING OR SIMILAR MATERIALS INSTALLED OUTSIDE THE DRIP LINE

(B) ENSURING THAT NOTHING IS NAILED TO THEM

- (C) PROHIBITING PAVING, GRADING, SEDIMENT WASH OR PLACING OF STOCKPILES WITHIN THE DRIP LINE EXCEPT UNDER THE FOLLOWING CONDITIONS.
- (I) ENCROACHMENT ONLY OCCURS ON ONE SIDE AND NO CLOSER TO THE TRUNK THAN EITHER 1.5 METRES OR HALF THE DISTANCE BETWEEN THE OUTER EDGE OF THE DRIP LINE AND THE TRUNK, WHICH EVER IS THE GREATER
- (II) A DRAINAGE SYSTEM THAT ALLOWS AIR AND WATER TO CIRCULATE THROUGH THE ROOT ZONE (E.G. A GRAVEL BED) IS PLACED UNDER ALL FILL LAYERS OF MORE THAN 300 MILLIMETRES DEPTH
- (III) CARE IS TAKEN NOT TO CUT ROOTS UNNECESSARILY NOR TO COMPACT THE SOIL AROUND THEM.

CONTINUED ABOV

STAGING

SUITABLE EROSION AND SEDIMENT CONTROLS SHALL BE PROVIDED AND MAINTAINED BY THE CONTRACTOR THROUGHOUT ALL STAGES OF WORKS, THROUGHOUT THE FULL TERM OF THE CONTRACT, WHERE SHOWN ON AT&L DRAWINGS OR WHERE DIRECTED BY THE SUPERINTENDENT OR PENRITH CITY COUNCIL'S ENGINEERS. THE CONTRACTOR IS RESPONSIBLE FOR DESIGNING, DOCUMENTING, INSTALLING AND MAINTAINING THE SEDIMENT AND EROSION CONTROLS REQUIRED TO SUIT THE SELECTED CONSTRUCTION STAGING. THIS IS TO BE DOCUMENTED IN THE FORM OF A SOIL AND WATER MANAGEMENT PLAN TO BE DEVELOPED BY THE CONTRACTOR AND THEIR EROSION ND SEDIMENT CONSULTANT AND PROVIDED BY THE SUPERINTENDENT PRIOR TO CONSTRUCTION COMMENCEMENT.

SUCH CONTROLS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE PROTECTION OF THE ENVIRONMENT OPERATIONS ACT, PENRITH CITY COUNCIL'S SPECIFICATIONS AND THE OFFICE OF ENVIRONMENT AND HERITAGE'S 'MANAGING URBAN STORMWATER: SOILS AND CONSTRUCTION. LANDCOM, (4TH EDITION) MARCH 2004 (REPRINTED 2006) (THE "BLUE BOOK"). VOLUME 1 AND VOLUME 2. EPA REQUIREMENTS

EARTHWORKS NOTES

- WHERE EARTHWORKS ARE TO BE CONSTRUCTED ON OR AGAINST ANY EMBANKMENTS OR AGAINST ANY SLOPES AND THE EMBANKMENT/SLOPE IS STEEPER THAN 10(H):1(V) IN ANY DIRECTION, THE CONTRACTOR SHALL CUT TERRACES INTO THE SLOPE TO A MINIMUM DEPTH OF 300mm, EXCEPT WHERE SLOPES ARE STEEPER THAN 4(H):1(V) WHERE, MINIMUM DEPTH SHALL BE 600mm, TO ALLOW ADEQUATE KEY AND COMPACTION OF MATERIAL.
- THE CONTRACTOR SHALL PRODUCE A MATERIAL TRACKING REGISTER FOR ALL IMPORT AND EXPORT MATERIAL INCLUDING DEMOLITION WASTE. FOR INSTANCES WHERE CONTAMINATED MATERIAL IS EXPORTED FROM THE SITE, THE CONTRACTOR SHALL ENSURE A CHAIN OF CUSTODY REPORT AND CERTIFICATES ARE PROVIDED FOR THE CONTAMINATED MATERIAL.

CONSTRUCTION TOLERANCES

ALL WORKS

BULK EARTHWORKS EARTHWORKS	-10mm / +20mm
VERGE TURF	-10mm / +0mm
MULCH	-10mm / +0mm
RETAINING / WALLS	
WALL	-20mm / +20mm
WALL	-10mm / +10mm
WALL	-5mm / +0mm
WALL	-20mm / +20mm

Scales	NTO	Drawn	SK	Project
	IN. I . J.	Designed	EH	
Grid	GDA2020	Checked	GB	ROA
Height Datum	AHD	Approved	AL	Titlo
	GD,	A2020		Title

THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L





24-1177-C3002

P3



LEGEND:

----- EXISTING BOUNDARY

----- EXISTING BOUDARY TO BE REMOVED

PROPOSED BOUNDARY

----- EXISTING EASEMENT

FUTURE TINSW ROAD PROJECT

<text><text><text><text><text><text><text><text><text><text><text>

Civil Engineers and Project Managers

ALDINGTON AND ABBOTTS ROAD UPGRADE (AARU) PHASE 1	ABN 96 130 882 Tel: 02 9439 1 Fax: 02 9923 10 www.atl.net.au	er Street W 2060 405 777 055
GENERAL ARRANGEMENT	Status FOR CONSTRUCTION	A1
PLAN	Project - Drawing No. 24-1177-C3010	Issue P3

F:\24-1177 AARU ESR\6.0 Drgs\Civil\Final\3000_Series\24-1177-C3010.dwg

	Bar Scales
	0
P3 ISSUED FOR CONSTRUCTION	13-03-25
P2 100% FOR CONSTRUCTION APPROVAL P1 DRAFT ISSUE FOR REVIEW	18-12-24 06-03-24
Description	Date





Date Plotted: 13 Mar 2025 – 03:50PM File Name: F:\24–1177 AARU ESR\6.0 Drgs\Civil\Final\3000_Series\24–1177-C3021.dwg







			Bar Scale	Bar Scales	
				0	500
Р3	ISSUED FOR CONSTRUCTION	13-03-25			
P2	100% FOR CONSTRUCTION APPROVAL	18-12-24			
P1	DRAFT ISSUE FOR REVIEW	06-03-24			
Issue	Description	Date			

	Client	Scales	Drawn	SK	Proje
		1:20	Designed	EH	AI
		Grid GDA2020	Checked	GB	F
J0 1000 1500 2000mm	FSR	Height AHD Datum AHD	Approved	AL	Title
1 : 20 @ A1 1 : 40 @ A3			A2020 D OR REPRODUCED	IN ANY FORM	nue
		OR USED FOR ANY OTHER PURPOR INTENDED WITHOUT THE WE	SE OTHER THAN THA ITTEN PERMISSION C	T ORIGINALLY DF AT&L	

ect	Civil Engineers and Project Managers		
LDINGTON AND ABBOTTS ROAD UPGRADE (AARU) PHASE 1	Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au		
TYPICAL ROAD	Status FOR CONSTRUCTION	A1	
VERGE DETAILS SHEET 2	Project - Drawing No. 24-1177-C3030	Issue P3	
Date Plotted: 13 Mar 2025 - 03:50PM File Name: F:\24-117	7 AARU ESR\6.0 Drgs\Civil\Final\3000Series\24-117	7-C3030.dwg	

PENRITH CITY COUNCIL

CITY COUNCIL This plan / document relates to

Development Consent: SSD9138102 S138 Roads Act: EA24/0058

Subject to the conditions outlined in the consent

Development Consent: SSD9138102 Subdivision Works Certificate: EA24/0058

Subject to the conditions outlined in the consent

This plan / document relates to

PENRITH

COUNCIL DOES NOT ATTEST TO THE ACCURACY OF DETAILS IN PLANS

COUNCIL DOES NOT ATTEST TO THE ACCURACY OF DETAILS IN PLANS





1 : 50 @ A1	1 : 100 @ A3

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	1 843 30	UU CONT	RUL RUA	D - 2 N C			SEGIVIE				TRULR			JRIZUNT	AL SEG	IVIEIN I S	
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	DEP:SEG	DEP:RAD	DEP:LEN	PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	DEP:SEG	DEP:RAD	DEP:LEN
S	0.000	295591.995	6251491.315	44.066	67°28'02.49"			62.441	S	0.000	296031.361	6251500.223	50.602	6°49'21.77"			232:755
•	50.000	295638.178	6251510.476	43.957	67°28'02.49"	•				50.000	296037.301	6251549.869	51.365	6°49'21.77"	•		
TC	62.441	295649.669	6251515.243	44.226	67°28'02.49"	ARC	275:400	141:103		100:000	296043.241	6251599.515	52.917	6°49'21.77"	•		
•	100:000	295685.233	6251527.230	44.799	75°16'52.56"		275:400			150:000	296049.181	6251649.161	55.375	6°49'21.77"			
	150:000	295734.477	6251535.486	45.499	85°41'00.78"		275:400			200:000	296055.121	6251698.807	57.323	6°49'21.77"			
	200:000	295784.403	6251534.715	46.199	96°05'09.00"	•	275:400		TC	232:755	296059.012	6251731.330	57.754	6°49'21.77"	ARC	-1050.000	29.804
CT	203:544	295787.924	6251534.316	46.249	96°49'23.33"	LINE		33.657	•	250:000	296060.920	6251748.469	57.832	5°52'54.17"		-1050.000	•
T·T	237:201	295821.343	6251530.318	46.720	96°49'23.33"	LINE		192:500	CC	262:559	296062.132	6251760.969	57.831	5°11'47.04"	ARC	-4092.744	1.656
•	250:000	295834.051	6251528.797	46.899	96°49'23.33"	•			E	264:215	296062.282	6251762.618	57.827	5°10'23.58"			
	300:000	295883.697	6251522.857	47.670	96°49'23.33"	•											
	350:000	295933.343	6251516.917	48.633	96°49'23.33"	•											
	400:000	295982.989	6251510.977	49.633	96°49'23.33"	•				CON		OAD->MC	02A HC	ORIZONT	AL SEG	MENTS	
DIS	429:701	296012.479	6251507.448	50.227	98°23'02.95"	LINE		41.500	PT	CHAINAGE	FASTING			BEARING	DEP		
•	450:000	296032.562	6251504.488	50.684	98°23'02.95"				S		296037 957	6251499 434	50 735	6°49'21 77"			34 171
DIS	471:201	296053.536	6251501.397	51.160	96°49'23.42"	LINE		132:777		34 171	296042 017	6251533 363	51 248	6°49'21 77"			2 492
•	500:000	296082.131	6251497.975	51.808	96°49'23.42"					36 663	296042.313	6251535 837	51 285	6°49'21.77"	ARC	-549 950	41 919
	550:000	296131.777	6251492.035	52.913	96°49'23.42"					50.000	296043 736	6251549 098	51 485	5°25'59 50"		-549 950	· ·
	600:000	296181.423	6251486.095	54.017	96°49'23.42"				СТ	77 875	296045.730	6251576 902	52 088	2°31'44 83"		-000-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0	13.000
E	603:977	296185.372	6251485.622	54.105	96°49'23.42"	•				90.875	296046 245	6251580 800	52.526	2°31'44 83"		750.000	47 523
										100.000	296046 703	6251599.004	52.020	3°13'34 51"		750:000	
									CC	138.398	296049 844	6251637 268	54 790	6°09'34 65"	ARC	-7316 824	125 967
2	21 843 30	00 CONT	ROL ROA	D->MC	00 HORIZ	ZONTAL	SEGME	ENTS		150.000	296051 080	6251648 805	55 378	6°04'07 58"		-7316 824	
P.T			NORTHING		BEARING					200.000	296056 196	6251698 542	57 331	5°40'38.05"		-7316 824	•
S		295594 294	6251485 773	44 009	67°28'02 49"			75 682		250.000	296060 973	6251748 313	57 832	5°17'08 53"		-7316 824	•
	50.000	295640 477	6251504 934	43 835	67°28'02.40			10.002	F	264.365	296062 282	6251762 618	57 827	5°10'23 58"		-7010.02-	
TC	75 682	295664 199	6251514 775	40.000	67°28'02.49	ARC	250.000	128.089		204.000	230002.202	0201702.010	01.021	0 10 20.00			
	100.002	295687 078	6251522 988	44 753	73°02'26 04"		250.000										
	150.000	295007.070	6251522.300	15 531	81°20'50 00"		250.000										
	200.000	295730.059	6251532.709	40.001	04 29 39.00 05°57'31 06"		250.000										
СТ	200.000	295789.703	6251532.089	46.227	<u>95 57 51.90</u> 96°40'23 33"			31.627									
	235.308	295821 105	6251528 222	46 720	06°40'22 32"			102.500									
	255.590	295835 604	6251526.552	46 022	06°40'22 22"			132.300									
	300.000	295055.004	6251520.597	40.923	90 49 23.33 96°40'23 33"												
	350.000	295005.250	6251520.037	47.000	90 49 23.33 06°40'23 33"												
	400.000	295954.090	6251514.717	40.009	90 49 23.33 06°40'23 33"												
פוח	400.000	295904.542	6251505.770	<u>49.009</u> 50.202	90 49 25.55 07°40'55 12"			41 401									
	421:090	200012.242	6251503.402	50.202	07°10'55 10"		-	41.431									
	400:000	200034.100	6251400 000	51 126	06°10'02 10"			120.777									
013	500.000	290000.040	6251499.000	51.100	06°10'02 10"		-	132:111									
· ·	500:000	290003.740	0201490.171	52.020	06°40'02 40"												
		290133.380	0201490.231	52.929	90 49 23.42 06° 40'23 40"												
		290103.032	0201404.291	54.033	90 49 23.42												
E	002:105	290100.102	0201404.034	<u>54.081</u>	<u> 90 49 23.42 "</u>	•											

ISSUED FOR CONSTRUCTION	13-03-25
100% FOR CONSTRUCTION APPROVAL	18-12-24
DRAFT ISSUE FOR REVIEW	06-03-24
Description	Date
	ISSUED FOR CONSTRUCTION 100% FOR CONSTRUCTION APPROVAL DRAFT ISSUE FOR REVIEW

Client	Scales	Drawn	SK	Project	Civil Engineers and Project Managers	
	AS SHOWN	Designed	EH	ALDINGTON AND ABBOTTS	Level 7, 153 Walk North Sydney NS	ker Street SW 2060
	Grid GDA2020	Checked	GB	ROAD UPGRADE (AARU)	ABN 96 130 882 Tel: 02 9439 1 Fax: 02 9923 1	405 777
ESR	Height AHD Datum AHD	Approved	AL	Title	www.atl.net.au info@atl.net.au	000
	G G	DA2020		ALIGNMENT CONTROL LINE	FOR CONSTRUCTION	A1
	THIS DRAWING CANNOT BE C OR USED FOR ANY OTHER PU INTENDED WITHOUT THE	OPIED OR REPRODUC RPOSE OTHER THAN 1 E WRITTEN PERMISSIO	ed in any form That originally On of at&l	SETOUT TABLES	Project - Drawing No. 24-1177-C3061	Issue P3
				Date Plotted: 13 Mar 2025 – 03:51PM File Name: F:\24–117	7 AARU ESR\6.0 Drgs\Civil\Final\3000_Series\24-11	77-C3061.dwr



21 843 3000 CONTROL KERB->MK105 HORIZONTAL SEGMENTS												
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	DEP:SEG	DEP:RAD	DEP:LEN				
S	0.000	296011.767	6251513.223	50.284	6°49'21.77"	ARC	-17.450	27.411				
CC	27.411	296031.166	6251528.477	50.952	6°49'21.77"	ARC	-17.450	11.573				
E	38.984	296028.770	6251539.584	50.966	328°49'21.77"							

	21 843 3000 CONTROL KERB->MK106 HORIZONTAL SEGMENTS											
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	DEP:SEG	DEP:RAD	DEP:LEN				
S	0.000	296048.117	6251528.791	51.342	110°19'23.18"	ARC	-19.450	25.969				
CC	25.969	296060.674	6251508.241	51.428	110°19'23.18"	ARC	-50.450	11.887				
E	37.856	296072.202	6251505.458	51.660	96°49'23.42"							

21 843 3000 CONTROL KERB->MS012 HORIZONTAL SEGMENTS (CLOSED)

								`
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	DEP:SEG	DEP:RAD	DEP:LEN
S	0.000	296056.686	6251501.674	51.240	96°49'23.42"	LINE		8.700
TC	8.700	296065.325	6251500.641	51.435	96°49'23.42"	ARC	0.500	1.477
CC	10.177	296065.299	6251499.646	51.434	266°07'18.87"	ARC	35.000	6.537
CT	16.714	296058.774	6251499.813	51.267	276°49'23.42"	LINE		2.294
TC	19.008	296056.496	6251500.086	51.216	276°49'23.42"	ARC	0.800	2.513
E	21.521	296056.686	6251501.674	51.240	96°49'23.42"	•		

21 8	343 3000	CONTRC)L KERB->	MS013	B HORIZON	ITAL SE	GMENT	S (CLOSED
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	DEP:SEG	DEP:RAD	DEP:LEN
S	0.000	296039.175	6251523.078	51.073	6°49'21.77"	LINE		10.550
T·T	10.550	296040.428	6251533.553	51.231	6°49'21.77"	LINE	•	2.492
TC	13.042	296040.724	6251536.027	51.268	6°49'21.77"	ARC	-548.350	1.155
CC	14.197	296040.860	6251537.174	51.285	6°42'07.37"	ARC	0.500	1.478
CC	15.675	296041.855	6251537.150	51.293	176°06'38.04"	ARC	35.000	6.544
CT	22.219	296041.688	6251530.618	51.225	186°49'21.77"	LINE		3.657
TC	25.876	296041.254	6251526.987	51.171	186°49'21.77"	ARC	15.000	4.330
CC	30.206	296040.130	6251522.820	51.081	203°21'46.15"	ARC	0.500	1.426
E	31.632	296039.175	6251523.078	51.073	6°49'21.77"			

218	343 3000	CONTRC	L KERB->	MS014	HORIZON	ITAL SE	GMENT	S (CLOSED)
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	DEP:SEG	DEP:RAD	DEP:LEN
S	0.000	296002.471	6251508.243	50.021	96°49'23.33"	LINE		7.494
TC	7.494	296009.912	6251507.352	50.170	96°49'23.33"	ARC	0.600	1.776
CC	9.270	296009.878	6251506.158	50.161	266°26'03.44"	ARC	25.000	4.533
CT	13.803	296005.353	6251506.286	50.058	276°49'23.33"	LINE		9.500
TC	23.303	295995.920	6251507.415	49.868	276°49'23.33"	ARC	0.500	1.477
CC	24.780	295995.946	6251508.410	49.870	86°07 ^{',} 18.77"	ARC	35.000	6.537
E	31.317	296002.471	6251508.243	50.021	96°49'23.33"			

2	21 843 30	00 CONT	ROL KER	B->MS	011 HORIZ	ONTAL	SEGME	INTS
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	DEP:SEG	DEP:RAD	DEP:LEN
S	0.000	295649.823	6251514.874	44.238	94°13'21.27"	ARC	275:000	128:416
•	50.000	295697.489	6251529.742	44.986	77°53'05.18"		275:000	•
	100:000	295747.058	6251535.746	45.687	88°18'07.88"		275:000	•
DIS	128:416	295775.454	6251535.121	46.086	96°10'24.62"	LINE	•	24.979
	150:000	295796.913	6251532.799	46.388	96°10'24.62"	•		
DIS	153:395	295800.288	6251532.434	46.436	96°49'23.33"	LINE		21.157
T·T	174:552	295821.295	6251529.921	46.732	96°49'23.33"	LINE	•	91.212
•	200:000	295846.563	6251526.897	47.089	96°49'23.33"	•		
	250:000	295896.209	6251520.957	47.910	96°49'23.33"			
TC	265:763	295911.861	6251519.084	48.214	96°49'23.33"	ARC	0.500	1.493
CC	267:256	295911.820	6251518.088	48.230	267°53'35.41"	ARC	50.000	7.793
СT	275:049	295904.042	6251518.409	48.025	276°49'23.33"	LINE		83.528
•	300:000	295879.267	6251521.373	47.580	276°49'23.33"	•		
	350:000	295829.622	6251527.313	46.839	276°49'23.33"	•		
T·T	358:577	295821.105	6251528.332	46.720	276°49'23.33"	LINE		23.657
T·T	382:234	295797.616	6251531.143	46.391	276°49'23.33"	LINE	•	5.000
T·T	387:234	295792.651	6251531.737	46.321	276°49'23.33"	LINE		3.980
TC	391:214	295788.699	6251532.209	46.265	276°49'23.33"	ARC	-273.400	139:968
•	400:000	295779.960	6251533.113	46.139	274°58'54.78"	•	-273.400	•
	450:000	295730.031	6251532.889	45.422	264°30'12.61"	•	-273.400	•
	500:000	295680.974	6251523.588	44.587	254°01'30.45"	•	-273.400	•
E	531:182	295651.550	6251513.317	43.985	247°29'25.50"	•		

			Bar Scales
P3	ISSUED FOR CONSTRUCTION	13-03-25	
P2	100% FOR CONSTRUCTION APPROVAL	18-12-24	
P1	DRAFT ISSUE FOR REVIEW	06-03-24	
Issue	Description	Date	

100mm on Original



LIMIT OF WORK

LOT 2 DP 250002





COUNCIL DOE NOT ATTEST T THE ACCURAC OF DETAILS IN PLANS **CITY COUNCIL** This plan / document relates to Development Consent: SSD9138102 S138 Roads Act: EA24/0058 Subject to the conditions outlined in the consent Civil Engineers and Project Managers Level 7, 153 Walker Street North Sydney NSW 2060 ALDINGTON AND ABBOTTS ROAD UPGRADE (AARU) ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 C **C**X PHASE 1 www.atl.net.au info@atl.net.au FOR CONSTRUCTION A1 KERB RETURNFOR CONSALIGNMENT CONTROL LINEProject - Drawing No. Issue 24-1177-C3081 SETOUT PLANS P3 Date Plotted: 13 Mar 2025 – 03:51PM File Name: F:\24–1177 AARU ESR\6.0 Drgs\Civil\Final\3000_Series\24–1177–C3081.dwg



R CONTINUATION REFER TO DRAWING C3102

				Client		Scales	4 . 050	Drawn	SK	Proj
							1:250	Designed	EH] A
40	45	00	05			Grid	GDA2020	Checked	GB	
10	15	20	25m		FSR	Height Datum	AHD	Approved	AL	
250 @ A1	1 : 500 @ /	A3					GD	A2020		
						THIS DRA OR USED INTE	WING CANNOT BE COPI FOR ANY OTHER PURPO ENDED WITHOUT THE W	ED OR REPRODUC DSE OTHER THAN T RITTEN PERMISSIC	ed in any form 'hat originally 'n of at&l	,

				Client		Scale	s 4 - 050	Drawn	SK	Proj
							1:250	Designed	EH	7 A
						Grid	GDA2020	Checked	GB	
10	15	20	25m		FS	R Heigh Datu	m AHD	Approved	AL	Titlo
250 @ A1	1 : 500 @ /	43					GE	DA2020		
						THIS I OR US I	DRAWING CANNOT BE COP ED FOR ANY OTHER PURP INTENDED WITHOUT THE V	PIED OR REPRODUC OSE OTHER THAN T VRITTEN PERMISSIC	ed in any form "Hat originall")n of at&l	/I Y

Date Plotted: 13 Mar 2025 – 03:53PM File Name: F:\24-1177 AARU ESR\6.0 Drgs\Civil\Final\3000_Series\24-1177-C3103.dwg

LEGEND		LEGEND		/
EXISTING BOUNDARY		PROPOSED CATCH DRAIN	>>	
EXISTING BOUNDARY TO BE REMOVED		PROPOSED SWALE TYPE 1		T
EXISTING EASEMENT		FUTURE SYDNEY WATER	;) = = = = = = = = = = = = = = = = = = =	
EXISTING PAVEMENT		PROPOSED CONTOUR (MAJOR)43.0	
TREE TO BE INSTALLED	$\overline{\cdot}$	PROPOSED CONTOUR (MINOR)		
EXISTING TREE TO BE REMOVE	D ()	BATTER		
PROPOSED BOUNDARY		LIGHT POLE		
FUTURE BOUNDARY		STORMWATER PIT		
TYPE PCC KERB AND GUTTER	<u> </u>	STORMWATER PIPE		
KERB AND TOE	K&T	SW BOX CULVERT		
KERB INLET	KI	RETAINING WALL		
		VEHICULAR CROSSING	VC	
REINFORCED DISH CHANNEL		EXISTING CONTOUR (MAJOR)	43.00	
TYPE SF KERB	SF	KERB RAMP	\land	
TYPE SE KERB	<u>SE</u>			

			KEY PLAN Bar Scales	5
P3	ISSUED FOR CONSTRUCTION	13-03-25		1
P2	100% FOR CONSTRUCTION APPROVAL	18-12-24		
P1	DRAFT ISSUE FOR REVIEW	06-03-24		
Issue	Description	Date		
	100mm on Original			

				I.P.= 51.771 M.O.= 0.306 M.O.= 0.306			
HORIZONTAL		o WATER	SW LINE 2			PROP WATER	
VC LENGTH		PR01		70m VC K=20			
GRADE	<	1.5%		><		5%	
Datum RL42.6							
PROPOSED	200.00 20.902	51.202	51.575	52.146	52.917	53.521	54.875
AARU DESIGN	206:0 <u>9</u>	51.202	51.567	52.128	22.889	53.486	54.840 55.341
EXISTING SURFACE LEVEL	50.765	50.929	51.322	51.825	52.637	53.559	54.521
CHAINAGE	20:000	40.000	60.000	80.000	100.000	112.910	140.000
SUPER ELEVATION	· · · · · · · · · · · · · · · · · · ·				LHS -3%		

			I.P.= 57.545 M.O.= -0.391		ALDINGTON R	COAD (MC03A) SCALE 1:250 1:100 VE	LONGITU 10 HORI. ERT.	DINAL SECT	ΓΙΟΝ	I.P.= 57.861 M.O.= -0.02				
					EX WATER									
HORIZONTAL								<		R-1050		R-4092.1	2.744	
VC LENGTH	<		70m VC K=15.7				~>		-	22.6m VC K=27.3				
GRADE		5%	><			0.5%				><	-0.3%			
Datum RL47.3 PROPOSED SURFACE LEVEL	55.375 55.795 55.875	56.726	57.154	57.323		57.664	57.731	57.754	57.801	57.837 57.839	57 836	57.827	1780 JC	
AARU DESIGN ULTIMATE LEVEL	55.341 55.759 55.839	56.828	57.445	57.717		58.410	58.645	58.755	58.948 58.948	59.141 59.183	50 220	59.255 59.270	PENRITH CITY COUNCIL This plan / decument relates to	COUNCIL DO NOT ATTEST THE ACCUR OF DETAIL IN PLANS
EXISTING SURFACE LEVEL	55.006 55.401 55.472	56.328	56.805	57.010		57.485	57.623	57.681	57.783	57.836 57.826	57 810	57.823	Development Consent: SSD913 Subdivision Works Certificate: EA24/00	102 58
CHAINAGE	150.000 158.399 160.000	180.000	193.399	200.000		220.000	228.399	232.755	240.000	252.902 256.043	260 000	262.559 264.215	Subject to the conditions outlined in the c	COUNCIL DO
SUPER ELEVATION													CITY COUNCIL This plan / document relates to	IOT ATTEST THE ACCURA OF DETAIL IN PLANS
	150								240				Development Consent: SSD9138102 S138 Roads Act: EA24/0058	

			Bar Scales
			0 5
			1:2
P3	ISSUED FOR CONSTRUCTION	13-03-25	0 2
P2	100% FOR CONSTRUCTION APPROVAL	18-12-24	
P1	DRAFT ISSUE FOR REVIEW	06-03-24	1:1
Issue	Description	Date	

ALDINGTON ROAD (MC03A) LONGITUDINAL SECTION

SCALE 1:250 HORI. 1:100 VERT.

		11100 121						
				Client	Scales	Drawn	SK	Project
10	15	20	25m		AS SHOWN	Designed	EH	
250 @ 11	1.500 @	۸ <u>۵</u>			Grid GDA2020	Checked	GB	R(
250 @ AT	1.500@/	AJ			Height AHD	Approved	AL	Tible
4	6	8	10m			0000	•	F
100 @ A1	1 : 200 @	A3				JAZUZU		
					THIS DRAWING CANNOT BE CO OR USED FOR ANY OTHER PUR INTENDED WITHOUT THE	PIED OR REPRODU(POSE OTHER THAN WRITTEN PERMISSI	CED IN ANY FORM THAT ORIGINALLY ON OF AT&L	

		UTILITY CROSSING						
ΗΟΡΙΖΟΝΤΑΙ				 0 	SW LINE 2BO			
VC LENGTH				PROP WATER				1.5%
GRADE Datum RL42.7								
PROPOSED SURFACE LEVEL	50.735	51 035 1	CSU.IC			51.285	51.335	
AARU DESIGN ULTIMATE LEVEL		53 053	5CU.1C			51.304	51.354	
EXISTING SURFACE LEVEL			DU./44			50.700	50.785	
CHAINAGE	0.000		20.000			ТР 36.663	40.000	
SUPER ELEVATION						<u></u>		
				30			10	2

I.P.= 57.541 M.O.= -0.397

					-	
HORIZONTAL						
VC LENGTH		-	<		70m K=1	V(5.4
GRADE				5.1%	~ ~	<
Datum RL47.3						
PROPOSED SURFACE LEVEL	55.378	55.767	55.883	56.737	57.144	
AARU DESIGN ULTIMATE LEVEL	55.372	55.755	55.871	0 82 20 82	57.444	
EXISTING SURFACE LEVEL	55.019	55.370	55.477	56.322	56.773	
CHAINAGE	150.000	157.667	160.000	180.000	192.667	
SUPER ELEVATION						_

			Bar Scales		
				0	5
					1
P3	ISSUED FOR CONSTRUCTION	13-03-25		0	2
P2	100% FOR CONSTRUCTION APPROVAL	18-12-24			
P1	DRAFT ISSUE FOR REVIEW	06-03-24			1
Issue	Description	Date			
	100mm on Original	1			

ALDINGTON ROAD (MC02A) LONGITUDINAL SECTION

SCALE 1:250 HORI. 1:100 VERT.

				Client	Scales	Drawn	SK	Project
10	15	20	25m		AS SHOWN	Designed	EH	
250 @ 41	1 . 500 @ 4				Grid GDA2020	Checked	GB	R
250 @ AT	T. 500 @ A	5		FSR	Height Datum AHD	Approved	AL	Tible
4	6	8	10m			A2020		
100 @ A1	1 : 200 @ A	3			GD	A2020		
-	-				THIS DRAWING CANNOT BE COPI OR USED FOR ANY OTHER PURPO INTENDED WITHOUT THE W	IED OR REPRODUC DSE OTHER THAN T RITTEN PERMISSIC	ed in any form That originally On of at&l	

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-	>	~	R-7316.8	324	
	0	0			
	4.79(4.87			5.378
	ù	Ω			5
	.790	1.871			.372
	54	5			55
	.461	538			.019
	54	54			55
	398	000			000
	138.	140.			150.
			R <u>HS</u> -2. <u>9%</u>		
		140	145		
		,-	v		

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		o_= 43.68	0=:0:	= 43.504	= 43.501	J.= U	0.= 0 :=43.597			
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				/					—	
			×≝			0				
			ATER – EX WA			NE M2-				
HORIZONTAL			EXW			SWLI				
VC LENGTH										
CDADE		-3%	-1.7%		0.2%	0.8%	1.9%			2.2
GRADE					/					
Datum RL35.5	99		60	4	1	8	12	22		
PROPOSED SURFACE LEVEL	44.06	43.68	43.55	43.50	43.5(43.55	43.59	43.73		
AARU DESIGN										
ULTIMATE LEVEL										
EXISTING		.3.036	.3.264	3.346	3.386	.3.445	3.442	3.454		
SURFACE LEVEL		4	7		7	7	7	7		
CHAINAGE	0.000	12.855	20.000	23.255	24.855	31.652	33.655	40.000		
SUPER ELEVATION										
		<u></u> <u>LHS AN</u> E) <u>RHS -3%</u>				=			
	0				24.94					49.941

HORIZONTAL			R275.4		
VC LENGTH					
GRADE					
Datum RL37.4					
PROPOSED	15.499	15.639	15.919		46.199
SURFACE LEVEL		1			
AARU DESIGN					
ULTIMATE LEVEL					
EXISTING	14.598	14.904	45.372		t5.809
SURFACE LEVEL		7	,		7
	20.000	000.08	80.000		00.000
	1	Ę	÷		5
			LHS 3%		
SUPER ELEVATION					
L	150			1001	
				6	2

			Bar Scales		
				0	5
					1
P3	ISSUED FOR CONSTRUCTION	13-03-25		0	2
P2	100% FOR CONSTRUCTION APPROVAL	18-12-24			
P1	DRAFT ISSUE FOR REVIEW	06-03-24			1
Issue	Description	Date			

100mm on Original

				Client	Scales		Drawn	SK	Prog
10	15	20	25m				Designed	EH] A
250 @ \1	1 · 500 @ /	3			Grid	GDA2020	Checked	GB	
230 @ A1	1.300 @ <i>F</i>	10		FS	R Height Datum	AHD	Approved	AL	Titl
4	6	8	10m				A2020		
100 @ A1	1:200 @ A	13				CID.	A2020		
en e					THIS DI OR USE IN	RAWING CANNOT BE COPI D FOR ANY OTHER PURPC ITENDED WITHOUT THE W	ED OR REPRODUC DSE OTHER THAN T RITTEN PERMISSIO	ed in any form That originally On of at&l	

			SING						.P.= 50.227	0 = .	
			TILITY CROS								
		0									
HORIZONTAL		LINE 1D								S	
VC LENGTH	70m VC K=116 7	S	>								
GRADE						2%			>	2.2%	
Datum RL39.6	0	2	<u></u> б						>	6 4	
PROPOSED SURFACE LEVEL	47.67	48.03	48.21	48.43	48.83		49.23	49.63 50.03	50 22 50 22	50.68	
AARU DESIGN ULTIMATE LEVEL	47.676	48.028	48.202	48.433	48.833		49.233	49.633 50.033	50.227	50.684	
	47.701	48.054	48.220	48.429	48.829		49.267	49.714 50.161	20 32 32 32 32 32 32 32 32 32 32 32 32 32	50.796	
CHAINAGE	300.000	320.000	329.301	340.000	360.000		380.000	400.000 420.000	429 701	440.000	
SUPER ELEVATION			I							· · · · · · · · · · · · · · · · · · ·	
					СНА					450	
				IMIT OF V	ALDINGT	ON ROAD (MC01) LON	GITUDINAL SECTION				
				NORK	=:0:W 5 =:d:1)2.973						
	WATER		NE 11								
HORIZONTAL	Δ		SWL								
VC LENGTH											
GRADE			2.2%			2.2%		2 2%			
Datum RL42.6 PROPOSED	0.908	.160		808.	.947	2250	2.692	5133	ľ	.017	
	08 50 50	60 51	22	5	ین ا	22		න 		22 22	
ULTIMATE LEVEL	20.9	7 51.1	<u> </u>	51.8				თ		0 m	CITY COUNCIL This plan / document relates to
EXISTING SURFACE LEVEL	50.94	51.14	21.34	51.80:	1 51.93	52.26 52.27	52.83	53.71		56.27 ⁷	Development Consent: SSD9138102 Subdivision Works Certificate: EA24/0058
CHAINAGE	450.000	471.201	480.000	200.000	506.201	520.000 520.549	540.000	260.000		280.000 600.000	Subject to the conditions outlined in the consent
SUPER ELEVATION							<u></u>				CITYCOUNCIL DOES NOT ATTEST TO THE ACCURACY OF DETAILS IN PLANS
	450									009	Development Consent: SSD9138102 S138 Roads Act: EA24/0058
					ALDINGT	ON ROAD (MC01) LON SCALE 1:250 HORI. 1:100 VERT.	GITUDINAL SECTION				Subject to the conditions outlined in the consent
			Bar Sc	cales	45	Client	t	Scales Drawn AS SHOWN Designed	SK Projec	DINGTON AND ABBOTTS	Civil Engineers and Project Managers Level 7, 153 Walker Street North Sydney NSW 2060
				0 5 10 1 : 250 @ /	A1 1:500@A3	u 25m		Grid GDA2020 Checked		ROAD UPGRADE (AARU) PHASE 1	ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055
CONSTRUCTION	13-03-25			0 2 4	6 8	3 10m	ESR	Datum AHD	AL	ROAD LONGITUDINAL	Status FOR CONSTRIICTION A 1
DNSTRUCTION APPROVAL E FOR REVIEW Description	18-12-24 06-03-24 Date			1 : 100 @ /	A1 1:200 @ A3			THIS DRAWING CANNOT BE COPIED OR REPRODUC OR USED FOR ANY OTHER PURPOSE OTHER THAN INTENDED WITHOUT THE WRITTEN PERMISSIO	CED IN ANY FORM THAT ORIGINALLY ON OF AT&L	SECTIONS ABBOTTS ROAD SHEET 2	Project - Drawing No. Issue 24-1177-C3172 P3
	100mm on Original					Į.		-		Date Plotted: 13 Mar 2025 - 03:54PM File Name: F:\24-11	7 AARU ESR\6.0 Drgs\Civil\Final\3000_Series\24-1177-C3172.dwg

HORIZONTAL		EX WATER			SW LINE 17-0
VC LENGTH					
GRADE				2.2%	
PROPOSED SURFACE LEVEL	50.684	50.908	51.160	51.358	
AARU DESIGN ULTIMATE LEVEL	50.684	50. <u>9</u> 08	51.160	51.358	
EXISTING SURFACE LEVEL	50.796	50.947	51.147	51.341	
CHAINAGE	450.000	460.000	471.201	480.000	
SUPER ELEVATION					
	450				

			Dal Scales		
				0	5
					1
Р3	ISSUED FOR CONSTRUCTION	13-03-25		0	2
P2	100% FOR CONSTRUCTION APPROVAL	18-12-24			
P1	DRAFT ISSUE FOR REVIEW	06-03-24			1
Issue	Description	Date			
	100mm on Original				

					I.P.= 50.227 M.O.= 0	
					SW LINE 2O	
33	2%				2.2%	78
48.833 48.8	49.233		49.633	50.033	50.459 50.4	50.684
360.000 48.829	380.000 49.267		400.000 49.714	420.000 50.161	429.701 50.359 440.000 50.600	450.000 50.796
	L <u>HS AND RHS -3</u> %					420
ALDING ALDING 24619 = di HAINAGE 502.973	GTON ROAD (MC01) LONGITU	JDINAL SECTION				
><	2.2%		2.2%			
51.947	52.250 52.262	52.692	53.133		53.575	PENRITH COUNCIL DOES NOT ATTEST TO THE ACCURACY
01 51.936	00 52.266 52.278 52.278	22.830	00 53.719		54.915	CITY COUNCIL This plan / document relates to Development Consent: SSD9138102 Subdivision Works Certificate: EA24/0058
206.2	00105 0020 00 0				280 280 	PENRITH CITY COUNCIL DOES NOT ATTEST TO THE ACCURACY OF DETAILS IN PLANS
ALDINC	GTON ROAD (MC01) LONGITU SCALE 1:250 HORI. 1:100 VERT	JDINAL SECTION				Bevelopment Consent: SSD9138102 S138 Roads Act: EA24/0058 Subject to the conditions outlined in the consent
10 15 0 @ A1 1 : 500 @ A	20 25m	FSP	Scales Dr AS SHOWN De Grid GDA2020 ^{Ch} Height AHD ^{Ap}	awn SK esigned EH lecked GB oproved AL	Project ALDINGTON AND ABBOT ROAD UPGRADE (AARU PHASE 1	Civil Engineers and Project Managers Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au
4 6	8 10m				ROAD LONGITUDINAL	

P3 P2 P1	ISSUED FOR CONSTRUCTION 100% FOR CONSTRUCTION APPROVAL DRAFT ISSUE FOR REVIEW Description			13-03-25 18-12-24 06-03-24 Date			Bar Scales	0	5 1 2 1
P3 P2 P1	ISSUED FOR CONSTRUCTION 100% FOR CONSTRUCTION APPROVAL DRAFT ISSUE FOR REVIEW			13-03-25 18-12-24 06-03-24			Bar Scales	0	5 1 2 1
P3				13-03-25			Bar Scales	0	5 1 2
							Bar Scales	0	51
							Bar Scales	0	51
							Bar Scales	0	5
							Bar Scales		
							Bar Scales		
		150						191.271	
	SUPER ELEVATION								<u>RHS</u> - <u>3%</u>
	CHAINAGE	150.00	160.00		LH <u>S 3</u> %	180.00			
	EXISTING SURFACE LEVEL	0 44.757	0 44.951			0 45.379			
	AARU DESIGN ULTIMATE LEVEL	45.531	45.670			45.949			
	PROPOSED SURFACE LEVEL	45.531	45.670			45.949			
	Datum RL37.5								
	UNADE								

HORIZONTAL

VC LENGTH

Datum RL35.3																					
PROPOSED SURFACE LEVEL	44.009		43.709	43.652	43.598	43.544	43.494	43.451	43.422	43.403	43.396	43.402	43.420	43.449	43.490		43.620	43.664	43.705	43.748	
AARU DESIGN ULTIMATE LEVEL	_																				
EXISTING SURFACE LEVEL	43.313		42.469	42.512	42.714	42.901	42.981	43.039	43.066	43.104	43.147	43.177	43.188	43.198	43.206		43.221	43.233	43.246	43.274	
CHAINAGE	0.000	-	10.000	12.000	14.000	16.000	18.000	20.000	22.000	24.000	26.000	28.000	30.000	32.000	34.000		40.000	42.000	44.000	46.000	
SUPER ELEVATION			 				_ L <u>HS</u>	AND	 R <u>HS -</u> 3	%						 _	=				
		2														 38.182					
			 													 0	_		_		

R250

ALDINGTON ROAD (MC00) LONGITUDINAL SECTION

SCALE 1:250 HORI. 1:100 VERT.

: 100 @ A1 1 : 200 @ A3

THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L

I.P.= 45.3 M.O.= 0	
1.4%	
45.300 45.300 45.392 45.392	45.531 45.531
133.366 44.374 140.000 44.473	150.000 44.757
I.P.= 47.573 M.O.= 0.053	150
70m VC 2% K=115.1 2% SSE.14 929.14 SSE.14 929.14 0000082 0000082	0000 0000 0000
	Bevelopment Consent: State Roads Act: Subject to the conditions outlined in the consent
ECT LDINGTON AND ABBOTTS ROAD UPGRADE (AARU) PHASE 1	Civil Engineers and Project Managers Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au
RUAD LONGTIUDINAL SECTIONS ABBOTTS ROAD SHEET 3 Date Plotted: 13 Mar 2025 - 03:54PM_File Name: F:\24-2	Status FOR CONSTRUCTION A1 Project - Drawing No. Issue 24-1177-C3173 P3 1177 AARU ESR\6.0 Drgs\Civil\Final\3000 Series\24-1177-C3173 dwg

				ROP UTILITY CROSSING		
HORIZONTAL VC LENGTH GRADE		70m VC K=115.1	SW LINE 1D-0			
Datum RL39.6 PROPOSED SURFACE LEVEL	47.683	48.045		48.273	48.439	
AARU DESIGN ULTIMATE LEVEL	47.683	48.045		48.273	48.439	
EXISTING SURFACE LEVEL	47.751	48.102		48.342	48.500	
CHAINAGE	300.000	320.000		331.672	340.000	
SUPER ELEVATION						

HORIZONTAL	EX WATER		SW LINE 1J0	
VC LENGTH				
GRADE	2.3	%	<	2.2%
Datum RL42.6				
PROPOSED SURFACE LEVEL	50.925	51.136	51.375	
AARU DESIGN	50 50 50 50	51.136	51.375	
EXISTING	20 20 20 20	51.140	51.372	
CHAINAGE	460.000	469.388	480.000	
SUPER ELEVATION				·
L				

			Bar Scales	Bar Scales		
					0	5
						1
P3	ISSUED FOR CONSTRUCTION	13-03-25			0	2
P2	100% FOR CONSTRUCTION APPROVAL	18-12-24				
P1	DRAFT ISSUE FOR REVIEW	06-03-24				1
Issue	Description	Date				

100mm on Original

					1
					1
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839	239	639 639	039	.157	
48.	49	40	20 20	20	
3.839	.239		0.039	.157	
48	46	46	20	20	
				(0	
8.917	9.34	78/ 6.0	0.22	0.346	
4	4	4	OT CO	2ı 2	
9	0			<u>∞</u>	c
00.06	80.00	00	20.00	25.89	
ñ	с С	4	4	4	-
			1	1	
	LHS AND RHS -3%				

				1.100 VERT.				
				Client	Scales	Drawn	SK	Proj
10	15	20	25m		AS SHOWN	Designed	EH	7 A
· 250 @ A1	1 : 500 @	۸3			Grid GDA2020	Checked	GB	
. 230 @ A I	1.500@	AJ			Height Datum AHD	Approved	AL	Titlo
4	6	8	10m			A2020		The
: 100 @ A1	1 : 200 @	A3				A2020		
U	C				THIS DRAWING CANNOT BE CON OR USED FOR ANY OTHER PURF INTENDED WITHOUT THE	PIED OR REPRODUC OSE OTHER THAN VRITTEN PERMISSI	CED IN ANY FORM THAT ORIGINALLY ON OF AT&L	1 Y

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GROUND CLEARANCE (m)									
FRONT	WHEELBASE	REAR							
0.12	0.12	0.12							

								, LBDY			
				3.9m (CON	CRETE D	DRI	/Ę	WAY		
	Г				1						9)
	L_ [_0				10	
						•					
HORIZONTAL						< R12	>				
VC LENGTH											
GRADE	-	<	-3%	~~>	<	-2.9%			9.1%	>	7.3%
Datum RL47.8											
PROPOSED	4.600			4.450	4.426		4.346	4.337		4.701	4.773
	2			2	5		2	പ		2J	5
EXISTING	.244			999	.111		.247	.263		.701	.773
SURFACE LEVEL	54			53	54		54	54		54	54
CHAINAGE	000.			000.	.834		.662	.975		000.	.975
	0			2J	ß		œ	ω		13	13
	Ê	:			Ę	:	<u>ل</u>	₽			

ML11X DRIVEWAY - LONGITUDINAL SECTION

1 : 100 HORI. 1 : 100 VERT.

DESIGN VEHICLE

meters

: 1.94 : 1.84 : 6.0 : 33.6

PASSENGER-CAR

Width	
Track	
Lock to Lock Time	
Steering Angle	
eteening / angle	

GROUND CLEARANCE (m)								
FRONT	WHEELBASE	REAR						
0.12	0.12	0.12						

KERB RETURN MK105 LONGITUDINAL SECTION SCALE 1:250 HORI.

HORIZONTAL

VC LENGTH

GRADE

Datum RL45.8 PROPOSED SURFACE LEVEL AARU DESIGN ULTIMATE LEVEL

EXISTING SURFACE LEVEL

CHAINAGE

KERB RETURN MS012 LONGITUDINAL SECTION

SCALE 1:250 HORI. 1:50 VERT.

			Bar Scales		
				0	5
					1:
P3	ISSUED FOR CONSTRUCTION	13-03-25		0	1
P2	100% FOR CONSTRUCTION APPROVAL	18-12-24			1 ·
P1	DRAFT ISSUE FOR REVIEW	06-03-24			Ι.
Issue	Description	Date			
		100mm on Original	-		

		I.P.= 51.2 M.O.= 0.066		I.P.= 51.44 M.O.= 0.02					
	•		SA	PROP UTILITY CROSSING			SW LINE 1J		
HORIZONTAL		<		R-19.45	>	<	R-50.45		
VC LENGTH		H H	n VC 6.7) >	<	18.9 K=	n VC		
GRADE		 -1.5% -1.5% 	-	1.3	3%	>	<		
Datum RL45.9									
PROPOSED SURFACE LEVEL	51.342	51.266	51.266	51.323	51.428	51.469	51.660		
AARU DESIGN ULTIMATE LEVEL	51.390	51.411	51.413	51.456	51.511	51.526	51.660		
EXISTING SURFACE LEVEL	50.415	50.888 50.888	50.910	51.016	51.151 51.151	51.211	51.468		
CHAINAGE	0.000	9 9.464 464	10.116	18.928	25.969	28.392	37.856		

100mm on Original

А	В	С	D =A+B+C							
EXISTING TOPSOIL STRIPPING VOLUME (cu.m) REFER NOTE No.1	NET CUT (cu.m)	NET FILL (cu.m)	BALANCE (cu.m)							
-3,320	-4,410	1,950	-5,820							

Date Plotted: 13 Mar 2025 – 03:56PM File Name: F:\24–1177 AARU ESR\6.0 Drgs\Civil\Final\3000_Series\24–1177-C3202.dwg

Date Plotted: 13 Mar 2025 – 03:57PM File Name: F:\24–1177 AARU ESR\6.0 Drgs\Civil\Final\3000_Series\24–1177-C3302.dwg

P2

P1

100mm on Original

			œ
	Client	Scales Draw 1 : 250 Desig	vn SK Pro gned EH
10 15 20 25m		Grid GDA2020 Chec Height AHD Appr	cked GB roved AL
: 250 @ A1 1 : 500 @ A3		THIS DRAWING CANNOT BE COPIED OR F OR USED FOR ANY OTHER PURPOSE OTH INTENDED WITHOUT THE WRITTEN	Tit

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TINSW ARE THE AUTHORITY TO CHANGE SPEED LIMITS. A SEPARATE APPLICATION TO TINSW TO **CHANGE SPEED LIMITS IS TO BE OBTAINED**

			KEY PLAN Bar Scales
P3	ISSUED FOR CONSTRUCTION	13-03-25	
P2	100% FOR CONSTRUCTION APPROVAL	18-12-24	$\prod_{i=1}^{n} SHEET 4 - SHEET 5 +$
P1	DRAFT ISSUE FOR REVIEW	06-03-24	
Issue	Description	Date	

100mm on Original



LEGEND		
EXISTING EXISTING BOUNDARY 60.0 EXISTING CONTOUR EXISTING CONTOUR EXISTING EASEMENT BOUNDARY EXISTING BOUNDARY TO BE REMOVED PROPOSED PROPOSED BOUNDARY PAVEMENT TYPES EXISTING PAVEMENT PAVEMENT TYPE 1 FULL ROAD DEPTH PAVEMENT PAVEMENT TYPE 2 SHARED PATH/FOOTPATH NOTES - FOR DETAILED PAVEMENT PROFILES REFER DRAW - FOR PAVEMENT INTERFACE DETAILS REFER DRAW	 PAVEMENT TYPE 3 RAISED MEDIAN ISLAND PAVEMENT TYPE 4 ACCESS DRIVEWAY PAVEMENT TYPE 5 TEMPORARY INTERFACE TYPE 6 - LANDSCAPING REFER LANDSCAPE ARCHITECTS DRAWINGS FOR DETAILS TYPE 7 - VEGETATED LANDSCAPING REFER LANDSCAPE ARCHITECTS DRAWINGS FOR DETAILS HIGH FRICTION ASPHALT MINIMUM PAFV>58 	
ODRAWING C3352	LOT 11 DP 1296455	
FOR CONTINUATION REFER TO	CONTROL MC01 CONTROL MC00	ABBOTTS ROAD
		400











P3	ISSUED FOR CONSTRUCTION	13-03-25	0 5
	100% FOR CONSTRUCTION APPROVAL	18-12-24	1
P1 Issue	DRAFT ISSUE FOR REVIEW Description	06-03-24 Date	





Date

Description

100mm on Original

- 50mm THICKNESS AC14 (R116, A15E, E=2,000MPA)⁴ ON -140mm THICKNESS AC20 (R116, C450, E=2,900MPa) ON

– 225mm HEAVY BOUND BASE (R73, E=5,000MPa) ON

-150mm SELECT MATERIAL ZONE (R3071, CBR=30%) ON

-150mm SELECT MATERIAL ZONE (R3071, CBR=15%) ON

- 300mm IN-SITU STABILISED SUBGRADE (R50, 3-4% LIME BY MASS)³











	Client	Scales	Drawn SK	Project
		AS SHOWN	Designed EH	
		Grid GDA2020	Checked GB	
400 600 800 1000mm	FSR	Height AHD Datum AHD	Approved AL	Title
: 10 @ A1 1:20 @ A3		GD,	A2020	
		THIS DRAWING CANNOT BE COPIE OR USED FOR ANY OTHER PURPO INTENDED WITHOUT THE WF	ED OR REPRODUCED IN ANY F SE OTHER THAN THAT ORIGIN RITTEN PERMISSION OF AT&L	ORM IALLY



Date Plotted: 13 Mar 2025 - 04:00PM File Name: F:\24-1177 AARU ESR\6.0 Drgs\Civil\Final\3000_Series\24-1177-C3381.dwg







			Bar Scale	Bar Scales			
					0 1	00 2	200
P3	ISSUED FOR CONSTRUCTION	13-03-25					
P2	100% FOR CONSTRUCTION APPROVAL	18-12-24					
P1	DRAFT ISSUE FOR REVIEW	06-03-24					
Issue	Description	Date					



				Client		Scales		Drawn	SK	Proj
							AS SHOWN	Designed	ЕН] A
						Grid	GDA2020	Checked	GB	
400	600	800	1000mm		FSR	Height Datum	AHD	Approved	AL	
1 : 10 @ A1	1 : 20 @ A	43					🌠 GD	A2020		
						THIS DR/ OR USED INT	AWING CANNOT BE COP FOR ANY OTHER PURPO ENDED WITHOUT THE W	ED OR REPRODUC DSE OTHER THAN 1 RITTEN PERMISSIO	ed in any form "Hat originall")n of at&l] Y





- TRENCH DRAIN AT MINIMUM 0.5% GRADE WITH Ø100 PERFORATED PLASTIC PIPE. F20 AGGREGATE FILTER MATERIAL WRAPPED IN GEOTEXTILE FABRIC. TO COMPLY WITH PCC STANDARD DRAWING SD2004.

G3 GEOTEXTILE

300









				Client		Scales	4 . 050	Drawn	SK	Proje
							1:250	Designed	EH	
						Grid	GDA2020	Checked	GB	
10	15	20	25m		FSR	Height Datum	AHD	Approved	AL	Title
250 @ A1	1 : 500 @ /	43					GD	A2020		S
						THIS DR/ OR USED INT	Awing Cannot be Cop) For Any other Purp() Ended without the w	IED OR REPRODUC DSE OTHER THAN 1 RITTEN PERMISSIO	ed in any form That originall On of at&l	И Ү



				Client		Scales	1 . 250	Drawn	SK	Proje
							1:250	Designed	EH] A
10	45	00	05			Grid	GDA2020	Checked	GB	
10	15	20	25m		FSR	Height Datum	AHD	Approved	AL	Title
250 @ A1	1 : 500 @ <i>I</i>	43					GE	DA2020		S
						THIS DF OR USEI IN	RAWING CANNOT BE COP D FOR ANY OTHER PURP TENDED WITHOUT THE V	PIED OR REPRODUC OSE OTHER THAN VRITTEN PERMISSIO	ed in any fori That originali On of at&l	N _Y

LEGEND	<u> LEGEND</u>	
EXISTING BOUNDARY	STORMWATER PIPE	
	BOX CULVERT	
EXISTING EASEMENT	STORMWATER PIT	A-1
PROPOSED BOUNDARY	PROPOSED OUTLET RIP-RAP	
EXISTING CONTOUR (MAJOR) 43	AARU ULTIMATE WORKS	
PROPOSED CATCH DRAIN>-		w w
PROPOSED FENCE/		- sw — sw —
	PROPOSED SERVICES	
TRUNK DRAINAGE (BY OTHERS)		•

			KEY PLAN
P3 P2	ISSUED FOR CONSTRUCTION 100% FOR CONSTRUCTION APPROVAL	13-03-25 18-12-24	
P1	DRAFT ISSUE FOR REVIEW	06-03-24	
Issue	Description	Date	







Date Plotted: 13 Mar 2025 – 04:03PM File Name: F:\24–1177 AARU ESR\6.0 Drgs\Civil\Final\3000_Series\24–1177-C3421.dwg





				Client		Scales	4 . 050	Drawn	SK	Proj
							1:250	Designed	EH] A
						Grid	GDA2020	Checked	GB	
10	15	20	25m		FSI	Height Datum	AHD	Approved	AL	Title
250 @ A1	1 : 500 @ /	43					GD	A2020		
						THIS DR OR USED INT	Awing Cannot be Copie For Any other Purpo Ended Without the WF	ED OR REPRODUC SE OTHER THAN T RITTEN PERMISSIC	ED IN ANY FORM HAT ORIGINALLY IN OF AT&L	,



				Client		Scales	4 050	Drawn	SK	Proj
							1:250	Designed	EH	 A
10	45	00	05			Grid	GDA2020	Checked	GB	
10	15	20	25m		FSR	Height Datum	AHD	Approved	AL	Title
250 @ A1	1 : 500 @ A	43					GE	DA2020		
						THIS DRA OR USED INTE	AWING CANNOT BE COF FOR ANY OTHER PURP ENDED WITHOUT THE V	PIED OR REPRODUC OSE OTHER THAN VRITTEN PERMISSIO	Ced in any for That originali On of at&l	M _Y

Date Plotted: 13 Mar 2025 – 04:04PM File Name: F:\24–1177 AARU ESR\6.0 Drgs\Civil\Final\3000_Series\24–1177-C3433.dwg

LE EXENTED EXEMPTED E	EGEND ISTING BOUNDARY ISTING BOUNDARY BE REMOVED ISTING EASEMENT OPOSED BOUNDARY ISTING CONTOUR (MA OPOSED CONTOUR (M OPOSED FENCE ORMWATER HEADWAL TURE SYDNEY WATER UNK DRAINAGE (BY OT BSOIL DRAINAGE (100)	JOR) IAJOR) IINOR) N IL THERS) mm Ø) 			100n A	nm uPVC SUBSO S PER PCC PLA
						LOT 2 DP 250002
P3 P2 P1 Issue	ISSUED FOR CONSTRUCTION 100% FOR CONSTRUCTION A DRAFT ISSUE FOR REVIEW D	I APPROVAL escription	13-03-25 18-12-24 06-03-24 Date	EY PLAN	Bar Scales 0	5





N 625 E 29	51490.197 96084.853 -1		N 625 E 29	51492. 96062. -2	014 087)					
				JUNCTION LINE 11 -84°	JUNCTION LINE 1J 91°					
_		×			×		*	**		×
										-
	URE CONNECTION	WATER		400x900 2.4m Lintel	WATER		WATER	WATER	WATER	
5% AEP FLOW (m3/s)	FUT	3.9	~~~>	A KIP4	EXST		EXST	EXST	EXST	
5% AEP VELOCITY (m/s) PIPE SIZE & CLASS GRADE (%)	<f< td=""><td>5.2 Ø1350 RJ RCP 3 1.8%</td><td>~~~~></td><td><</td><td></td><td></td><td></td><td>5.1 0135 </td><td>50 CP 3 6</td><td></td></f<>	5.2 Ø1350 RJ RCP 3 1.8%	~~~~>	<				5.1 0135 	50 CP 3 6	
DATUM R.L DEPTH TO INVERT	37.00 37.00 25		34 3.491 34 3.540	36 3.540						
3% AEF 89 H.G.L. LEVEL 89 INVERT 89 LEVEL 70 TOP OF PIT 80 LEVEL 91 LEVEL 95	48.139 48.8		51.219 47.728 48.30	47.679 48.3	47.609	47.424		47.262 47.255 47.242		47.060
EXISTING SURFACE LEVEL 52 BOAD CENTRE 52		L=22.823	994 51.239					L=49.3	302	
LINE CHAINAGE	9.439		22.823 478.9		4.295	14.382		23.209 23.595 24.304		34.235
					7	~~~~~		Bar Scales		
									0	5 1
P3 ISSUED FOR CONSTRUCTION P2 100% FOR CONSTRUCTION AP P1 DRAFT ISSUE FOR REVIEW	PROVAL		13–0 18–1 06–0	3-25 2-24 3-24					0	1 1
Issue Des	scription		Da	ate						



				Client	Scales	Drawn	SK	Proj
10	15	20	25m		1 :50	(V) Designed	EH	7 A
250 @ 41	1 : 500 @ 4	2			Grid GDA2	2020 Checked	GB	
250 @ AT	1.500 @ P	40		FS	R Height AH	D Approved	AL	
2	3	4	5m			CDA2020		
: 50 @ A1	1 : 100 @ A	3				GDA2020		
-	-				THIS DRAWING CAN OR USED FOR ANY O	NOT BE COPIED OR REPRODU THER PURPOSE OTHER THAN HOUT THE WRITTEN PERMISS	JCED IN ANY FORM I THAT ORIGINALL'	1 Y

	NE	6251511.623 		N 62 E2	51521.148 95826.436					N 625 E 29
		1-5			1-6				(
		JUNCTION LINE 1D 90° JUNCTION LINE 1K -90°			JUNCTION LINE 1C 72° JUNCTION LINE 1E -95°					
					A	×				
					<u> </u>					
ς٥/	ά ΑΕΡ FLOW/ (m3/s)	KIP 400x900 2.4m Lintel	NOTE: ALL PIPE CROSSINGS UNDER ROAD PAVEMENT TO	S AND DRAINAGE PIPES BE CLASS 4 RCPS	KIP 400x900 2.4m Lintel	4.3	PENRITH Development Consert Subdivision Works Cell Development Consert Subject to the condit Development Consert Subject to the condit Development Consert Subject to the consert Subject to the condit	INCIL relates to t: SSD91: ertificate: EA24/0 tions outlined in the INCIL relates to t: SSD913810 EA24/0058	COUNCIL DOES NOT ATTEST TO THE ACCURACY OF DETAILS IN PLANS 38102 J058 Consent COUNCIL DOES NOT ATTEST TO THE ACCURACY OF DETAILS IN PLANS	EXST WATER
5%	6 AEP VELOCITY (m/s)	<	3.8	>	<	3.	1			>
PIF	PE SIZE & CLASS	<	Ø1350 RRJ RCP 3	>	~	Ø13 RRJ R	50 CP 3			>
GF	RADE (%)	< 24.00	1%	>	><	19	6			>
	DEPTH	34.00 222 223 233 232 24.00		800 802	922					678 698
	5% AEP	431 3. 431 3.		i>i> 000 000	015 2.					645 2. 645 2.
		84 55 45 55 45 55		82 5.5 45	32 45.					89 44. 09 44.
	LEVEL	6 44.5 44.4 44.4		4 43.6	43.6					7 43.1
		47.85		46.58						45.78
	EXISTING SURFACE LEVEL	47.878		46.686						45.740
		1.717	L=80.173	1.544	2	L=55	235			3.000
		01 32		74 24						09 18
	CHAINAGE	180.1		260.2						54.70 315.5
					LI	NE 1				
			Ba	r Scales	Client		Scales 1・250 (山)	Drawn	SK	Proj
				0 5 10 15 20 25m			1 :50 (V)	Designed	ЕН] A
				1 : 250 @ A1 1 : 500 @ A3			Grid GDA2020 Height	Approved	GB AI	-
P3	ISSUED FOR CONSTRUCTION	13-03-25		0 1 2 3 4 5m		ESK	Datum AHD			- Title
P2 P1	100% FOR CONSTRUCTION A DRAFT ISSUF FOR REVIEW	APPROVAL 18-12-24		1 : 50 @ A1 1 : 100 @ A3			GD	A2020		5
Issue		escription Date					THIS DRAWING CANNOT BE COP OR USED FOR ANY OTHER PURPO INTENDED WITHOUT THE W	IED OR REPRODUC DSE OTHER THAN T RITTEN PERMISSIC	ED IN ANY FORM HAT ORIGINALLY ON OF AT&L	l Y



Date Plotted: 13 Mar 2025 – 04:05PM File Name: F:\24–1177 AARU ESR\6.0 Drgs\Civil\Final\3000_Series\24–1177-C3452.dwg



Date Plotted: 13 Mar 2025 - 04:05PM File Name: F:\24-1177 AARU ESR\6.0 Drgs\Civil\Final\3000_Series\24-1177-C3453.dwg



Date Plotted: 13 Mar 2025 - 04:06PM File Name: F:\24-1177 AARU ESR\6.0 Drgs\Civil\Final\3000_Series\24-1177-C3454.dwg



				Client		Scales	1 · 250 (山)	Drawn	SK	Projec
10	15	20	25m				1 :50 (V)	Designed	EH	
	1 : 500 @ /	12				Grid	GDA2020	Checked	GB	
U W A I	1.500 <i>@ F</i>	40			FSR	Height Datum	AHD	Approved	AL	Titlo
2	3	4	5m					A2020		Title
@ A1	1 : 100 @ A	.3						JA2020		SI
						THIS DR/ OR USED INT	AWING CANNOT BE COF FOR ANY OTHER PURP ENDED WITHOUT THE V	PIED OR REPRODUC POSE OTHER THAN ⁻ WRITTEN PERMISSI	CED IN ANY FORM THAT ORIGINALLY ON OF AT&L	1 Y

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Proje
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S
T

ect	Civil Engineers and Project Managers					
LDINGTON AND ABBOTTS ROAD UPGRADE (AARU) PHASE 1	ABN 96 130 882 4 Tel: 02 9439 17 Fax: 02 9923 10 www.atl.net.au	er Street W 2060 05 777 055				
	inio@aii.nei.au					
STORMWATER DRAINAGE	FOR CONSTRUCTION A1					
DETAILS	Project - Drawing No.	Issue				
SHEET 1	24-1177-C3483	P3				
Date Plotted: 13 Mar 2025 - 04:06PM File Name: F:\24-1177	7 AARU ESR\6.0 Drgs\Civil\Final\3000_Series\24-117	7-C3483.dwg				





F	PENRITH CITYCOUNCIL OF DETAILS IN PLANS				
D	evelopment Consent: SSD9138102 ubdivision Works Certificate: EA24/0058				
	Subject to the conditions outlined in the consent				
F T	PENRITH CITYCOUNCIL The ACCURACY OF DETAILS IN PLANS				
D S	Development Consent: SSD9138102 S138 Roads Act: EA24/0058				
L-	Subject to the conditions outlined in the consent				
ect	Civil Engineers and Project Managers				
LDINGTON AND ABBOTTS ROAD UPGRADE (AARU) PHASE 1	ABN 96 130 882 4 Tel: 02 9439 17 Fax: 02 9923 10 www.atl.net.au info@atl.net.au	er Street V 2060 05 777 055			
TORMWATER DRAINAGE	FOR CONSTRUCTION	A1			
PIT SETOUT DETAILS	Project - Drawing No. $2/1177 - 2/01$	Issue D3			
Date Plotted: 13 Mar 2025 - 04:06PM File Name: F:\24-117	7 AARU ESR\6.0 Drgs\Civil\Final\3000_Series\24-117	7-C3491.dwg			



	Client	Scales	Drawn	SK	Proj
		1 : 25	Designed	EH	A
		Grid GDA2020	Checked	GB	
1 1.5 2 2.5m	FSR	Height AHD Datum AHD	Approved	AL	Title
I : 25 @ A1 1 : 50 @ A3		GD/	A2020		
		THIS DRAWING CANNOT BE COPIE OR USED FOR ANY OTHER PURPO INTENDED WITHOUT THE WF	D OR REPRODUCE SE OTHER THAN TH RITTEN PERMISSION	D IN ANY FORM IAT ORIGINALLY I OF AT&L	





				Client			Scales	4 050	Drawn	SK	Proje
								1 : 250	Designed	EH	A
10	4-		05				Grid	GDA2020	Checked	GB	
10	15	20	25m		F	SR	Height Datum	AHD	Approved	AL	Title
250 @ A1	1 : 500 @ /	43						ø GD/	A2020		S
							THIS DRA OR USED F INTE	WING CANNOT BE COPIE FOR ANY OTHER PURPOS NDED WITHOUT THE WR	ED OR REPRODUCI SE OTHER THAN T RITTEN PERMISSIO	ED IN ANY FORM HAT ORIGINALLY N OF AT&L	



				Client		Scales	4 . 050	Drawn	SK	Proje
							1:250	Designed	EH	
40	45	00	05			Grid	GDA2020	Checked	GB	7 I
10	15	20	25m		FSR	Height Datum	AHD	Approved	AL	Title
250 @ A1	1 : 500 @ /	A3					GD	A2020		S
						THIS DR. OR USED INT	AWING CANNOT BE COP) FOR ANY OTHER PURP(FENDED WITHOUT THE W	IED OR REPRODUC DSE OTHER THAN RITTEN PERMISSIO	ed in any form That originall' On of at&l	/I Y

Date Plotted: 13 Mar 2025 – 04:08PM File Name: F:\24–1177 AARU ESR\6.0 Drgs\Civil\Final\3000_Series\24–1177-C3503.dwg

LEGEND EXISTING BOUNDARY EXISTING BOUNDARY TO BE REMOVED EXISTING EASEMENT PROPOSED BOUNDARY PROPOSED BOUNDARY PROPOSED SERVICES ELECTRICITY OVERHEAD COMMUNICATIONS FIBRE WATER WATER HYDRANT WATER STOP VALVE DISUSED SERVICE LIGHT POLE UTILITY POLE ELECTRICITY PILLAR	LEGEND PROPOSED SERVICES SIGNAL POST COMMUNICATIONS FIBRE STORMWATER PIPE STORMWATER PITS TEMPORARY SERVICES ELECTRICITY OVERHEAD COMMUNICATIONS FIBRE ELECTRICAL POLE ELECTRICAL POLE OVERHEAD COMMUNICATIONS OVERHEAD COMMUNICATIONS POLE WATER WATER WATER HYDRANT	LEGEND FUTURE SERVICES FUTURE POTABLE WATER ALLOCATION FUTURE RECYCLED WATER ALLOCATION EXISTING SERVICES ELECTRICITY OVERHEAD COMMUNICATIONS OVERHEAD WATER SERVICE WATER SERVICE STORMWATER	
ELECTRICITY PILLAR	WATER HYDRANT • WATER STOP VALVE ×		

				l l
			KEY PLAN Bar Scales	5
			Ser Contraction of the second se	
				0 5
Р3	ISSUED FOR CONSTRUCTION	13-03-25		1:2
P2	100% FOR CONSTRUCTION APPROVAL	18-12-24	4	
P1	DRAFT ISSUE FOR REVIEW	06-03-24		
Issue	Description	Date		





Date Plotted: 13 Mar 2025 – 04:09PM File Name: F:\24–1177 AARU ESR\6.0 Drgs\Civil\Final\3000_Series\24–1177-C3505.dwg





CONTIN TO DRAW G C3552







				Client		Scales	4 050	Drawn	SK	Proj
							1:250	Designed	EH] A
10						Grid	GDA2020	Checked	GB]
10	15	20	25m		FSR	Height Datum	AHD	Approved	AL	Title
: 250 @ A1	1 : 500 @ /	A3					GE	DA2020		
						THIS DRAV OR USED F INTE	VING CANNOT BE COP OR ANY OTHER PURP NDED WITHOUT THE V	PIED OR REPRODUC OSE OTHER THAN VRITTEN PERMISSIO	ED IN ANY FORM THAT ORIGINALL ON OF AT&L	Л .Ү

FURNITURE LEGEND EXISTING BOUNDARY ____ EXISTING BOUNDARY TO BE _____ REMOVED EXISTING EASEMENT _____ PROPOSED BOUNDARY ____ SP2 BOUNDARY ____ EXISTING FENCE TO BE REMOVED FENCE TYPE 2 0-0-0----0-----MONOWILLS BARRIER RAIL REFER DRAWING C3581 FOR DETAILS. FENCE TYPE 3 ____//____//____ 1800 HIGH CHAIN WIRE GALVANISED FENCE. **REFER DRAWING C3581 FOR** DETAILS. BARRIER TYPE 1 TfNSW ACCEPTED TRAFFIC BARRIER WITH ET-SS END TERMINALS. POST LOCATIONS TO BE SETOUT ONSITE AND BE COORDINATED WITH DRAINAGE AND UTILITIES INFRASTRUCTURE.



			KEY PLAN	, Bar Scales
				0 5
				1
P2	ISSUED FOR CONSTRUCTION	13-03-25	HISHEET 4- SHEET 5+	_
P1	100% FOR CONSTRUCTION APPROVAL	18-12-24		
Issue	Description	Date		



N KN KNN 8				g///////
				LOT 1 DP 12964
			EXISTING FENCE TO BE PROTECTED DURING CONSTRUCTION	15 10 10 10 10 10 10 10 10 10 10 10 10 10
			LOT 113 DP 129646 ESR DEVELOF	9 MENT
P2 ISSUED FOR CONSTR P1 100% FOR CONSTRUCT Issue	RUCTION CTION APPROVAL Description	13-03-25 18-12-24 Date	SHEET 2 SHEET 3 SHEET 3	




P2

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OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY
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NOT	ES:
1.	THESE PLANS PREPARE THE CONSTRUCTION
2.	INSTALL GEOT
3.	INSTALL SEDII
4.	IMMEDIATELY
5.	STABILISE BA PROVIDE HAY MUST BE FIXE
6.	CONTRACTOR



				Client		Scales	4 050	Drawn	SK	Proje
							1:250	Designed	EH	
						Grid	GDA2020	Checked	GB	
10	15	20	25m		FS	Height Datum	AHD	Approved	AL	
250 @ A1 1 : 500 @ A3						GE	DA2020	<u>.</u>	- Title	
						THIS DR. OR USED	AWING CANNOT BE COP FOR ANY OTHER PURP	PIED OR REPRODUC	ED IN ANY FOF	≀M .LY

	EGEND		
SI C/	EDIMENT FENCE (SD 6-8)		
B/	ARRIER FENCEB		
M	ESH AND GRAVEL INLET		
G Sl	EOTEXTILE FILTER PIT JRROUND (SD 6-12)		
PF S	ROPOSED SITE ACCESS GATE		
AI	REA (SD 6-14)		
	NOTES:		
	1. THESE PLANS ARE INDICATIVE ONLY AND FOR PRICING PREPARE THEIR OWN PLANS AS REQUIRED AND ADJU	G PURPOSES ONLY. THE CONTRACTOR MUST ST THESE PLANS TO SUIT THE VARIOUS	
	CONSTRUCTION STAGES. EACH PLAN MUST BE ENDOR APPROVED BY THE CERTIFIER IN WRITING PRIOR TO II	RSED BY THE SUPERINTENDENT AND MPLEMENTING THE PLAN.	
	 INSTALL GEOTEXTILE FILTER PIT SURROUND AROUND INSTALL SEDIMENT FENCE ALONG BASE OF BATTERS 	ALL PITS THROUGHOUT CONSTRUCTION (TYP.).	
	 IMMEDIATELY ON COMPLETION OF FORMING FINAL BA STABILISE BATTERS. 	TTER, COMPLETE LANDSCAPE WORKS TO	
	 PROVIDE HAY BALES WRAPPED IN GEOTEXTILE FABRING MUST BE FIXED WITH MIN_2 STAR PICKETS PER HAY B 	C EVERY 50m WITHIN CATCH DRAINS. HAY BALE	
	6. CONTRACTOR TO MAINTAIN BASINS FOR FULL CONTRA	ACT PERIOD.	
			P
			250
			002
		KEY PLAN @ Bar Scales	
) 5
23	ISSUED FOR CONSTRUCTION		
·2	100% FOR CONSTRUCTION APPROVAL	18-12-24	
P1	DRAFT ISSUE FOR REVIEW	06-03-24	
Serve Serve	Description		









CH 125

RL39.75	1 in		9%	4.0%	2 CANE LINE	.4% 0.2
PROPOSED SURFACE LEVEL	44.274 -	45.358 - 45.338 - 45.318 -	45.268 -	45.136 - 45.136 - 44.986 - 45.026 -	44.904 -	44.821 - 44.811 - 44.811 -
EXISTING SURFACE LEVEL	44.274	44.288 44.292 44.297	44.303	44.310 44.310 44.310 44.311	44.306	44.183 44.147 44.120
CENTRELINE OFFSET	-19.337	-15.000 -14.500 -14.000	-11.500	-8.190 -8.040 -8.000 -7.550	-3.500	0.000 0.401 0.700

	Bar Scales	Client	Scales	Drawn	SK	Project	Civil Engineers and Project Managers	
			1 : 100	Designed	EH	ALDINGTON AND ABBOTTS	Level 7, 153 Wal North Sydney NS	lker Street SW 2060
		Grid GDA2020 Checked				ROAD UPGRADE (AARU)	ABN 96 130 882 Tel: 02 9439 1 Fax: 02 0023 1	2 405 1777 1055
	0 2 4 6 8 10m	FSR	Height AHD Datum AHD	Approved	AL	1 PHASE 1	www.atl.net.au info@atl.net.au	
P3 ISSUED FOR CONSTRUCTION 13-03-25	1 : 100 @ A1 1 : 200 @ A3			10000			Status	
P2 100% FOR CONSTRUCTION APPROVAL 18-12-24			GL	JA2020		ROAD CROSS SECTIONS	FOR CONSTRUCTION	A1
P1 DRAFT ISSUE FOR REVIEW 06-03-24			THIS DRAWING CANNOT BE COP			ABBOTTS ROAD	Project - Drawing No.	Issue
Issue Description Date			INTENDED WITHOUT THE V	VRITTEN PERMISS	INAT ORIGINALL	SHEET 1	24-1177-C3701	P3

Ч ß 2% 3.2% 3.1% 4.0% 3.1% <u>1 in 4</u> 3.1% \times 44.841 44.941 44.943 44.943 44.943 44.843 44.813 44.742 44.324 44.284 44.434 44.434 .512 .685 .431 634 4. 4. 4 4 44.119 44.009 44.000 44.005 44.005 43.989 .933 .035 .026 .025 .025 .361 .431 .963 4444 44 43. 43. 25.241 26.254 18.248 18.698 18.738 18.888 107 0.710 0.880 0.940 2.136 2.366 2.376 4.600 8.103 12.

CH 100

LEGEND	
	PROPOSED BOUNDARY
	EXISTING BOUNDARY
	PROPOSED BULK EARTHWORK LINE
	ESR DESIGN SURFACE
	SFKC (200A) DESIGN SURFACE
	PROPOSED ELECTRICAL SERVICES
	PROPOSED COMMUNICATION SERVICES
0	PROPOSED WATER SERVICES
\bigcirc	PROPOSED STORMWATER
0	EXISTING WATER SERVICES



RL41.75		1 in 4	2.0%	4.0%	1.1%	
PROPOSED SURFACE LEVEL	47.260	46.800 46.780 46.780	46.710	46.578 46.578 46.428 46.468	46.511	46.556 46.556 46.561 46.691 46.691 46.680 46.680
EXISTING SURFACE LEVEL	47.260	47.142 47.079 47.017	46.703	46.288 46.288 46.264 46.208	46.140	46.327 46.327 46.345 46.345 46.345 46.351 46.386 46.385
CENTRELINE OFFSET	-16.838	-15.000 -14.500	-11.500	-8.190 -8.040 -7.550	-3.500	0.000 0.463 0.473 0.643 0.703 1.760
		L.			CH 225	
RL41.25		• •	2.0%	4.0%	1.9%	
PROPOSED SURFACE LEVEL		46.682 - 46.677 - 46.677 -	46.587 -	46.454 - 46.454 - 46.304 - 46.344 -	46.266 -	46.219 - 46.219 - 46.211 - 46.341 - 46.341 - 46.335 - 46.335 -
EXISTING SURFACE LEVEL		46.682 46.682 46.682	46.671	46.207 46.195 46.139 45.541	45.673	45.809 45.809 45.822 45.822 45.823 45.833 45.833
CENTRELINE OFFSET		-15.023 -15.000 -14 500	-14.000	-8.190 -8.040 -8.000	-3.500	0.000 0.560 0.859 0.869 1.039 1.775 1.775
		Į			CH N	I 200
		1 in 4	2.0%	4.0%	3.0%	2.4%
RL41.00		m ∞ ∞ ∞		2020		
SURFACE LEVEL		46.21 46.40 46.38 46.38	46.31	46.18 46.03 46.03	45.95	45.87 45.86 45.86 45.99 45.99 46.00
EXISTING SURFACE LEVEL		46.213 46.159 46.125 46.000	45.917	45.657 45.667 45.597 45.597	45.254	45.248 45.248 45.245 45.243 45.243 45.243 45.232 45.233
CENTRELINE OFFSET		-15.779 -15.000 -14.500	-11.500	-8.190 -8.040 -8.000 -7.550	-3.500	0.000 0.401 0.710 0.880 0.940 1.927
					.	· — —

CH 175

			Bar Scales	Client	Scales		Drawn	SK	Project	Civil Engineers and Project Mar	nagers	
		_						EH	ALDINGTON AND ABBOTTS		el 7, 153 Walke th Sydney NSW	∍r Street N 2060
				Grid C		GDA2020	Checked	GB	ROAD UPGRADE (AARU)	ABN 96 13 Tel: 02	N 96 130 882 40 : 02 9439 177	05 777 255
		_	0 2 4 6 8 10m	0 2 4 6 8 10m 1 : 100 @ A1 1 : 200 @ A3 Approv	Height Datum	AHD	Approved	AL		www.atl.net.au info@atl.net.au	55	
SSUED FOR CONSTRUCTION	13-03-2	5	1 : 100 @ A1 1 : 200 @ A3		1:100 @ A1 1:200 @ A3							
00% FOR CONSTRUCTION APPROVAL	18-12-2	4			A2020		ROAD CROSS SECTIONS	FOR CONSTRUC		A1		
RAFT ISSUE FOR REVIEW	06-03-2	4			THIS DRAW	ING CANNOT BE COP	ED OR REPRODUC	CED IN ANY FORM	ABBOTTS ROAD	Project - Drawing No.	F	Issue
Description Date				OR USED FO)r any other purp(Ided without the w	DSE OTHER THAN RITTEN PERMISSI	THAT ORIGINALLY ON OF AT&L	SHEET 2	24-1177-C3702		P3	
	SSUED FOR CONSTRUCTION 100% FOR CONSTRUCTION APPROVAL DRAFT ISSUE FOR REVIEW Description	SSUED FOR CONSTRUCTION 13-03-2 100% FOR CONSTRUCTION APPROVAL 18-12-24 DRAFT ISSUE FOR REVIEW 06-03-2 Description Date	Lescription Description Descri	Image:	Image: Sele construction Image: Sele con	Image: Client Image: Client Scales Client Scales Grid Image: Client Image: Client Image: Client Grid Height Image: Client Grid Height Image: Client Scales Image: Client Scales Image: Client Image: Client Grid Height Image: Client Image: Client	Image: Construction Approval. Bar Scales Image: Construction Approval. Image: Construction Approval. Image: Construction Approval. Image: Construction Approva			Image: mark display by the product of the product	Image: mark display bit imark display bit image: mark display bit image	Image: mark and mar







LEGEND	
	PROPOSED BOUNDARY
	EXISTING BOUNDARY
	PROPOSED BULK EARTHWORK LINE
	ESR DESIGN SURFACE
	SFKC (200A) DESIGN SURFACE
	PROPOSED ELECTRICAL SERVICES
	PROPOSED COMMUNICATION SERVICES
0	PROPOSED WATER SERVICES
\bigcirc	PROPOSED STORMWATER
0	EXISTING WATER SERVICES





Р3	ISSUED FOR CONSTRUCTION	13-03-2
P2	100% FOR CONSTRUCTION APPROVAL	18-12-2
P1	DRAFT ISSUE FOR REVIEW	06-03-2
ssue	Description	Date
	100mm on Original	

1:

Client	Scales	Drawn	SK	Project	Civil Engineers and Project Managers	
	1 : 100	Designed	EH	ALDINGTON AND ABBOTTS	Level 7, 153 Wal North Sydney NS	ker Street 3W 2060
	Grid GDA2020	Checked	GB	ROAD UPGRADE (AARU)	ABN 96 130 882 Tel: 02 9439 7 Fax: 02 9923 7	405 777 1055
	Height AHD	Approved	AL	PHASET	www.atl.net.au	000
	GD	A2020		ROAD CROSS SECTIONS	FOR CONSTRUCTION	A1
	THIS DRAWING CANNOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY OTHER PURPOSE OTHER THAN THAT ORIGINALLY INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L			ABBOTTS ROAD SHEET 3	Project - Drawing No. 24-1177-C3703	Issue P3
	Client ESR	Client Scales 1 : 100 Grid GDA2020 Height AHD Without THE DATUMENT OF COMPORED THIS DRAWING CANNOT BE COMPORED FOR ANY OTHER PURPORED OF UNTENDED WITHOUT THE	Client Client Scales Drawn 1:100 Designed Grid GDA2020 Checked Height AHD Approved Datum AHD Approved Itis DRAWING CANNOT BE COPIED OR REPRODUCED OR USED FOR ANY OTHER PURPOSE OTHER THAN TH INTENDED WITHOUT THE WRITTEN PERMISSION	Client Client Scales Drawn SK 1:100 Designed EH Grid GDA2020 Checked GB Height AHD Approved AL Image: Client Image: Client Image: Client Image: Client Image: Client Image: Client Image: Client <td< td=""><td>Client Client Scales 1:100 Designed EH Grid GDA2020 Checked Grid GDA2020 Checked GB Height AHD AHD Approved AL Title ROAD CROSS SECTIONS ABBOTTS ROAD BBOTTS ROAD SHEET 3 COMPAND ABBOTTS ROAD CROSS SECTIONS ABBOTTS ROAD SHEET 3</td><td>Client Scales Drawn SK Project ALDINGTON AND ABBOTTS ROAD UPGRADE (AARU) PHASE 1 Image: Clivit Engineers and Project Managers Grid GDA2020 Checked GB ALDINGTON AND ABBOTTS ROAD UPGRADE (AARU) PHASE 1 Image: Clivit Engineers and Project Managers Height AHD Approved AL Image: Clivit Engineers and Project Managers Image: Clivit Engineers and Project Managers Image: Clivit Engineers Image: Clivit Engineers</td></td<>	Client Client Scales 1:100 Designed EH Grid GDA2020 Checked Grid GDA2020 Checked GB Height AHD AHD Approved AL Title ROAD CROSS SECTIONS ABBOTTS ROAD BBOTTS ROAD SHEET 3 COMPAND ABBOTTS ROAD CROSS SECTIONS ABBOTTS ROAD SHEET 3	Client Scales Drawn SK Project ALDINGTON AND ABBOTTS ROAD UPGRADE (AARU) PHASE 1 Image: Clivit Engineers and Project Managers Grid GDA2020 Checked GB ALDINGTON AND ABBOTTS ROAD UPGRADE (AARU) PHASE 1 Image: Clivit Engineers and Project Managers Height AHD Approved AL Image: Clivit Engineers and Project Managers Image: Clivit Engineers and Project Managers Image: Clivit Engineers Image: Clivit Engineers

LEGEND	
	PROPOSED BOUNDARY
	EXISTING BOUNDARY
	PROPOSED BULK EARTHWORK LINE
	ESR DESIGN SURFACE
	SFKC (200A) DESIGN SURFACE
	PROPOSED ELECTRICAL SERVICES
	PROPOSED COMMUNICATION SERVICES
0	PROPOSED WATER SERVICES
\bigcirc	PROPOSED STORMWATER
0	EXISTING WATER SERVICES



Date Plotted: 13 Mar 2025 – 04:14PM File Name: F:\24–1177 AARU ESR\6.0 Drgs\Civil\Final\3000_Series\24–1177-C3703.dwg



RL43.75		
PROPOSED SURFACE LEVEL	48.647 - 48.618 - 48.574 - 48.574 - 48.574 - 48.454 - 48.464 - 48.464 - 48.555 -	48.582 -
EXISTING SURFACE LEVEL	48.551 48.551 48.545 48.537 48.533 48.533 48.533 48.533 48.519 48.510 48.500	48.600
CENTRELINE OFFSET	-8.716 -7.990 -6.790 -6.140 -5.650 -2.600	0.000



CH 325

			Bar Scales		
				0	2
P3	ISSUED FOR CONSTRUCTION	13-03-25			1:
P2	100% FOR CONSTRUCTION APPROVAL	18-12-24			
P1	DRAFT ISSUE FOR REVIEW	06-03-24			
Issue	Description	Date			
		00mm on Original			



LEGEND	
	PROPOSED BOUNDARY
	EXISTING BOUNDARY
	PROPOSED BULK EARTHWORK LINE
	ESR DESIGN SURFACE
	SFKC (200A) DESIGN SURFACE
	PROPOSED ELECTRICAL SERVICES
	PROPOSED COMMUNICATION SERVICES
0	PROPOSED WATER SERVICES
\bigcirc	PROPOSED STORMWATER
0	EXISTING WATER SERVICES



LDINGTON AND ABBOTTS ROAD UPGRADE (AARU) PHASE 1	Level 7, 153 Walk North Sydney NSV ABN 96 130 882 4 Tel: 02 9439 17 Fax: 02 9923 10 www.atl.net.au info@atl.net.au	er Street W 2060 105 777 055
ROAD CROSS SECTIONS	FOR CONSTRUCTION	A1
ABBOTTS ROAD SHEET 4	Project - Drawing No. 24-1177-C3704	Issue P3
Date Plotted: 13 Mar 2025 – 04:14PM File Name: F:\24–1177	7 AARU ESR\6.0 Drgs\Civil\Final\3000_Series\24-117	7-C3704.dwg

					ся І
		1.5%	1.5%	1.5%	
RL45.75 PROPOSED	.768		.658		.557 .517 .667 .667 .667 .485
	.763 50		.796 50 .797 50		
	20		00 50 04 50		21 50 81 50 81 50 81 50 957 50
OFFSET	ې بې 9		0.00		8.88 9.09 10.00 10.00
RL45.25	2.0% 4.0% 1.5%		CH	450	⁹ ¹ ¹ ¹ ¹
PROPOSED SURFACE LEVEL	50.403 - 50.388 - 50.384 - 50.328 - 50.328 - 50.218 - 50.218 -	50.172 -	50.133 - 50.133 - 50.157 - 50.257 - 50.257 -	50.237 - 50.237 - 50.136 - 50.106 - 50.103 -	49.998 - 49.960 - 50.110 - 50.110 - 50.098 - 49.839 -
EXISTING SURFACE LEVEL	50.081 50.087 50.105 50.114 50.114 50.123	50.192	50.265 50.274 50.274 50.276 50.276	50.290 50.290 50.292 50.292 50.289	49.980 49.946 49.943 49.931 49.907 49.839
CENTRELINE OFFSET	-8.767 -8.767 -8.381 -7.181 -6.140 -6.100 -5.650	-2.600	0.000 0.400 0.580 0.580	1.659 1.719 1.890 2.000	8.980 9.470 9.620 9.930 9.930 10.967
RL44.75	4.0% 2.0% 1.0%	0	CH 425	2.1% <u>2</u> .	
PROPOSED SURFACE LEVEL	49.762 - 49.731 - 49.687 - 49.687 - 49.537 - 49.537 -	49.607 -	49.605 - 49.603 -	49.541 -	49.466 - 49.466 - 49.427 - 49.577 - 49.577 - 49.565 - 49.508 -
EXISTING SURFACE LEVEL	49.549 49.545 49.545 49.579 49.582 49.582 49.582	49.659	49.714 49.744	49.583	49.538 49.538 49.527 49.526 49.528 49.508
CENTRELINE OFFSET	-8.758 -7.990 -6.790 -6.140 -5.650	-2.600	0.000	2.000	8.592 8.593 9.044 9.084 9.545 9.772
			CH 400		
				Bar	Scales
					0 0
P3 ISSUED FOR CONSTRUCTIO P2 100% FOR CONSTRUCTION P1 DRAFT ISSUE FOR REVIEW	N APPROVAL	13-03-25 18-12-24 06-03-24			1 : 100
sue	Description	Date			

	Client	Scales	Drawn	SK	Project
		1:100	Designed	EH	ALD
		Grid GDA2020	Checked	GB	RC
4 6 8 10m	FSR	Height Datum AHD	Approved	AL	
100 @ A1 1:200 @ A3		THIS DRAWING CANNOT BE COPIE	A2020 ED OR REPRODUCEI	D IN ANY FORM	RC
		INTENDED WITHOUT THE WE	RITTEN PERMISSION	I OF AT&L	





LDINGTON AND ABBOTTS ROAD UPGRADE (AARU) PHASE 1	Cate Cate Cate Cate Cate Cate Cate Cate	er Street W 2060 405 777 055
ROAD CROSS SECTIONS	Status FOR CONSTRUCTION	A1
ABBOTTS ROAD SHEET 5	Project - Drawing No. 24-1177-C3705	Issue P3
Date Plotted: 13 Mar 2025 – 04:14PM File Name: F:\24–117	7 AARU ESR\6.0 Drgs\Civil\Final\3000 Series\24-117	7-C3705.dwg

RL47.00	98 98 4.0% 2.3%		2.8%						
PROPOSED 22.519 SURFACE LEVEL 51.875	51.845 51.777 51.777 51.667 51.667 51.744	51.769 51.784 51.707	51.612 51.572 51.722 51.722 51.722 51.595						
EXISTING SURFACE LEVEL 25.219 51.799	51.759 51.707 51.703 51.690 51.706	51.803 51.796 51.738	51.666 51.666 51.649 51.642 51.595 51.595						
CENTRELINE 07.00 OFFSET 0.10.00 CENTRELINE 07.01 CENTRELINE 07.01 CENTRELI	-8.600 -6.890 -6.740 -6.250 -2.844	0.000 1.600 4.375	7.850 8.300 8.340 8.990 9.575						
	Cł	⊣ 500							
RL46.25	0.7% 0.7% 0.5%	³⁶ 2.1% 1.5% 1.5%	1.5% 1 in 4						PERRITH COUNCIL DOES NOT ATTEST TO NOT ATTEST TO This plan / document relates to Development Consent: SSD9138102 Subdivision Works Certificate: EA24/0058
Andress Structure	51.489 51.490 51.340 51.287 51.287 51.270	51.255 51.255 51.385 51.385 51.385 51.361 51.261 51.222 51.222 51.222	51.128 51.128 51.128 51.240 51.240 51.227 50.928						Subject to the conditions outlined in the consent
EXISTING 22.068 51.428 51.093 51.105 51.093 51.093 51.093 51.105 51.093	51.091 51.092 51.093 51.124 51.172 51.172	51.212 51.213 51.218 51.237 51.233 51.233 51.233 51.233 51.233 51.233	50.558 50.558 50.616 50.624 50.651 50.928 50.928						PENRITH CITYCOUNCIL This plan / document relates to
CENTRETINE 16.54 0LL 11.871 10.803 11.871	-9.141 -8.979 -8.936 -8.451 -6.250 -3.650	-0.650 -0.640 -0.640 -0.470 -0.410 0.000 0.770 0.950 0.950 1.600 4.600	7.850 7.850 8.300 8.340 8.490 8.800 9.999						Development Consent: SSD9138102 S138 Roads Act: EA24/0058
	CH 475							L	Subject to the conditions outlined in the consent
		Bar Scales 0 2 4	6 8 10m	Client	Scales 1 : 100 Grid GDA2020 Height AHD	Drawn Designed Checked Approved	SK EH GB AL	Project ALDINGTON AND ABBOTTS ROAD UPGRADE (AARU) PHASE 1	Civil Engineers and Project Managers Level 7, 153 Walker Street North Sydney NSW 2060 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au
P3 ISSUED FOR CONSTRUCTION 13-03-2 P2 100% FOR CONSTRUCTION APPROVAL 18-12-2 P1 DRAFT ISSUE FOR REVIEW 06-03-2 ssue Description Date	25 24 24	1 : 100 @ A	A1 1:200 @ A3		THIS DRAWING CANNOT BE COP OR USED FOR ANY OTHER PURPO INTENDED WITHOUT THE W	PIED OR REPRODUCE OSE OTHER THAN TI VRITTEN PERMISSIO	ED IN ANY FORM HAT ORIGINALLY N OF AT&L	ROAD CROSS SECTIONS ABBOTTS ROAD SHEET 6	Status FOR CONSTRUCTION A1 Project - Drawing No. Issue 24-1177-C3706 P3 77 AARU ESR\6.0 Drgs\(ivil\Einal\3000) Series\24-1177-C3706 dwg

	1:		ļ	ç	9		ANE LINE		
	- 11 2.5	4.0%	2.0%	4.0%	×	2.3%	0.9%	0.9%	2.8%
17.00									
ROPOSED	519 -	- 919 - 899 - 77	- c/o. 845 -	- 111.	.777 - .627 - .667 -		- 44 /.	- 601.	+0

ISSUED FOR CONSTRUCTION 100% FOR CONSTRUCTION APPROVAL DRAFT ISSUE FOR REVIEW			
ISSUED FOR CONSTRUCTION 13 100% FOR CONSTRUCTION APPROVAL 18 DRAFT ISSUE FOR REVIEW 06			
ISSUED FOR CONSTRUCTION 13 100% FOR CONSTRUCTION APPROVAL 18 DRAFT ISSUE FOR REVIEW 06			
3 ISSUED FOR CONSTRUCTION 13 2 100% FOR CONSTRUCTION APPROVAL 18 4 DRAFT ISSUE FOR REVIEW 06			
3 ISSUED FOR CONSTRUCTION 13 2 100% FOR CONSTRUCTION APPROVAL 18 1 DRAFT ISSUE FOR REVIEW 06			
2 100% FOR CONSTRUCTION APPROVAL 18 1 DRAFT ISSUE FOR REVIEW 06	3	ISSUED FOR CONSTRUCTION	13-03-25
DRAFT ISSUE FOR REVIEW	2	100% FOR CONSTRUCTION APPROVAL	18-12-24
	1	DRAFT ISSUE FOR REVIEW	06-03-24
Je Description	ue	2 Description	Date





LEGEND	
	PROPOSED BOUNDARY
	EXISTING BOUNDARY
	PROPOSED BULK EARTHWORK LINE
	ESR DESIGN SURFACE
	SFKC (200A) DESIGN SURFACE
	PROPOSED ELECTRICAL SERVICES
	PROPOSED COMMUNICATION SERVICES
0	PROPOSED WATER SERVICES
\bigcirc	PROPOSED STORMWATER
0	EXISTING WATER SERVICES



RL48.00			
PROPOSED SURFACE LEVEL			
EXISTING SURFACE LEVEL			
CENTRELINE OFFSET			
			Į
L47.00			
PROPOSED SURFACE LEVEL			
EXISTING SURFACE LEVEL			
CENTRELINE OFFSET			
L47.50 PROPOSED			38
L47.50 PROPOSED SURFACE LEVEL			24 E1 138
L47.50 PROPOSED SURFACE LEVEL EXISTING SURFACE LEVEL			ED 121 E1 128
L47.50 PROPOSED SURFACE LEVEL EXISTING SURFACE LEVEL CENTRELINE OFFSET			8 866 ED 434 E1 138
L47.50 PROPOSED SURFACE LEVEL EXISTING SURFACE LEVEL CENTRELINE OFFSET		Bar Scales	8 866 E0 434 E1 138
PROPOSED SURFACE LEVEL EXISTING SURFACE LEVEL CENTRELINE OFFSET		Bar Scales	8 966 ED 121 E1 128
RL47.50 PROPOSED SURFACE LEVEL EXISTING SURFACE LEVEL CENTRELINE OFFSET		Bar Scales	0 866 ED /138
RUAT.50 PROPOSED SURFACE LEVEL EXISTING SURFACE LEVEL CENTRELINE OFFSET ISSUED FOR CONSTRUCTION	13-03-25	Bar Scales	0 8 866 F0 /3/

100mm on Original







INTENDED WITHOUT THE WRITTEN PERMISSION OF AT&L



ROAD CROSS SECTIONS ALDINGTON ROAD SHEET 1

FOR CONSTRUCTION A1 Project - Drawing No. Issue 24-1177-C3721 P3

Date Plotted: 13 Mar 2025 - 04:14PM File Name: F:\24-1177 AARU ESR\6.0 Drgs\Civil\Final\3000_Series\24-1177-C3721.dwg

RL51.75		
PROPOSED SURFACE LEVEL	,	
EXISTING SURFACE LEVEL		
CENTRELINE OFFSET		
		I
RL50.00		
PROPOSED SURFACE LEVEL		54.196 -
EXISTING SURFACE LEVEL		54.196
CENTRELINE OFFSET		-8.408
		I

RL49.00		
PROPOSED SURFACE LEVEL		52.977
EXISTING SURFACE LEVEL		52.977
CENTRELINE OFFSET		-8.375

			Bar Scales		
				0	2
					4.
P3	ISSUED FOR CONSTRUCTION	13-03-25			1:
P2	100% FOR CONSTRUCTION APPROVAL	18-12-24			
P1	DRAFT ISSUE FOR REVIEW	06-03-24			
Issue	Description	Date			

1



: 100 @ A1 1 : 200 @ A3

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Date Plotted: 13 Mar 2025 – 04:14PM File Name: F:\24–1177 AARU ESR\6.0 Drgs\Civil\Final\3000_Series\24–1177-C3722.dwg

SHEET 2

24-1177-C3722

Issue

P3

RL	.53.75				
S	SURFACE LEVEL				
S	SURFACE LEVEL				
C	CENTRELINE DFFSET				
RL	53.50				
P S	ROPOSED SURFACE LEVEL				
E	XISTING SURFACE LEVEL				
C C	ENTRELINE DFFSET				
RI	52 75				
P	PROPOSED SURFACE LEVEL				57.317 +
E S	XISTING SURFACE LEVEL				57.317
	ENTRELINE DFFSET				8.758
	I				
				Bar Scales	
					0 2
P3			13-03-25		1
P1	DRAFT ISSUE FOR REV	Description	06-03-24		
	I		1 Juic		







1:′	00 @ A1	1 : 200 @	A3				THIS DR/		A2020	CED IN AN
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PROPOSED BOUNDARY EXISTING BOUNDARY _----PROPOSED BULK EARTHWORK LINE ESR DESIGN SURFACE SFKC (200A) DESIGN SURFACE PROPOSED ELECTRICAL SERVICES PROPOSED COMMUNICATION SERVICES PROPOSED WATER SERVICES PROPOSED STORMWATER EXISTING WATER SERVICES

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RL54.25				
PROPOSED SURFACE LEVEL				
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PROPOSED SURFACE LEVEL				
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PAVE EDGE SHOULDER

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1-1

2.4%

1.6%

57.734 57.717 57.732 57.732 57.747	57.831 57.831 57.831	57.775 57.775	
57.734 57.734 57.741 57.747	57.826 57.826 57.826	57.775 57.775	
-4.549 -4.500 -4.000 -3.500	0.000 0.000 0.000	3.500 3.500	
BAVE EDGE 3.0% 3.9%	CH 26	52.5 <u>5</u> 9	×
57.690 + 57.660 + 57.675 + 57.695 +	57.832 + 57.832 + 57.832 +	57.762 - 57.762 -	
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-4.772 -4.682 -4.182 -3.500	0.000 0.000 0.067	3.567 3.567	

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PENRITH COUNCIL DO DO TATTEST THIS PLANS This plan / document relates to Development Consent: Subdivision Works Certificate: EA24/0058 Subject to the conditions outlined in the consent Subject to the conditions outlined in the consent Development Consent: Subject to the conditions outlined in the consent Subject to the conditions outlined in the consent Subject to the conditions outlined in the consent Development Consent: Subject to the conditions outlined in the consent Development Consent: Subject to the consent Development Consent: Subject to the consent Development Consent: Subject consent: Subject to the consent Development Consent: Subject c	PENRITH CITYCOUNCIL This plan / document relates to
This plan / document relates to Development Consent: SSD9138102 Subdivision Works Certificate: EA24/0058 Subject to the conditions outlined in the consent Subject to the conditions outlined in the consent PENRITH CICUCUL COUNCIL This plan / document relates to Development Consent: SSD9138102 S138 Roads Act: SSD9138102 EA24/0058	This plan / document relates to
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Development Consent: SSD9138102 S138 Roads Act: EA24/0058	PENRITH CITY COUNCIL This plan / document relates to
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Subject to the conditions outlined in the concept	Subject to the conditions outlined in the concent

ect	Civil Engineers and Project Managers	
LDINGTON AND ABBOTTS ROAD UPGRADE (AARU) PHASE 1	ABN 96 130 882 4 Tel: 02 9439 17 Fax: 02 9923 10 www.atl.net.au info@atl.net.au	er Street W 2060 05 777 055
ROAD CROSS SECTIONS	FOR CONSTRUCTION	A1
ALDINGTON ROAD SHEET 4	Project - Drawing No. 24-1177-C3724	Issue P3

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			KEY PLAN Bar Scales
Р3	ISSUED FOR CONSTRUCTION	13-03-25	
P2	100% FOR CONSTRUCTION APPROVAL	18-12-24	24 /
P1	DRAFT ISSUE FOR REVIEW	06-03-24	
Issue	Description	Date	

LEGEND EXISTING BOUNDARY EXISTING BOUNDARY TO BE REMOVED EXISTING EASEMENT PROPOSED BOUNDARY LAND ACQUSITION/ DEDICATION

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P3	ISSUED FOR CONSTRUCTION	13-03-25	KEY PLAN Bar Scales 0 5 1: SHEET 4- SHEET 5
P3 P2	ISSUED FOR CONSTRUCTION 100% FOR CONSTRUCTION APPROVAL	13-03-25 18-12-24	
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PENRITH CITYCOUNCIL This plan / document relates to	P C This
Development Consent: SSD9138102 Subdivision Works Certificate: EA24/0058	Dev S13
Subject to the conditions outlined in the consent	

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atum RL46					CH30											
OTTOM OF ETAINING WALL	59.295 -	57.589 -	57.127 -	56.944 -	56.623 -	56.115 -	55.606 -	55.100 - 55.098 -	54.598 -	54.098 -	53.598 -	53.101 -	52.643 -	52.356 - 52.341 - 52.309 -	52.125 -	52.050 -
OP OF ETAINING WALL		58.824	58.33	58.147	57.828	57.265	56.673	56.104 56.102	55.54	54.978	54.416	53.854	53.291	52.763 52.732 52.678	52.283	
IEIGHT OF ETAINING WALL		1.235	1.203	1.203	1.205	1.151	1.067	1.004	0.942	0.881	0.818	0.753	0.648	0.407 0.392 0.369	0.159	
XISTING SURFACE LEVEL	59.302	58.767	58.116	57.942	57.636	57.077	56.474	55.901 55.898	55.337	54.775	54.214	53.652	53.090	52.564 52.531 52.479	52.095	51.916
HAINAGE	0.000	10.000	20.000	23.687	30.000	40.000	50.000	59.951 60.000	70.000	80.000	90.00	100.000	110.000	119.381 120.000 121.351	130.000	133.594



				SECTION CH30 1:100 RW13					Subject to the conditions outlined in the consent	
			Bar Scales	Client	Scales	Drawn	SK	Project	Civil Engineers and Project Managers	
			0 5 40 45 00		AS SHOWIN	Designed	EH	ALDINGTON AND ABBOTTS	Level 7, 153 Walk North Sydney NS	er Street W 2060
				25m	Grid GDA2020	Checked	GB	7 ROAD UPGRADE (AARU)	ABN 96 130 882 4 Tel: 02 9439 1 Fax: 02 0923 1	405 777
\vdash			1 : 250 @ A1 1 : 500 @ A3	FSR	Height AHD Datum AHD	Approved	AL		www.atl.net.au info@atl.net.au	555
P3	3 ISSUED FOR CONSTRUCTION	13-03-25	0 2 4 6 8			10000		Title		
P2	2 100% FOR CONSTRUCTION APPROVAL	18-12-24	1 : 100 @ A1 1 : 200 @ A3		GD	A2020		RETAINING WALLS	FOR CONSTRUCTION	AT
P1 Issu	JRAFT ISSUE FUR REVIEW Description	Date			THIS DRAWING CANNOT BE COPI OR USED FOR ANY OTHER PURPO INTENDED WITHOUT THE W	ED OR REPRODUC DSE OTHER THAN ⁻ RITTEN PERMISSIO	ED IN ANY FORM THAT ORIGINALL ON OF AT&L		Project - Drawing No. 24-1177-C3902	Issue P3
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RETAINING WALL RW141A PROFILE SCALE 1:250 HORI. 1:100 VERT.

