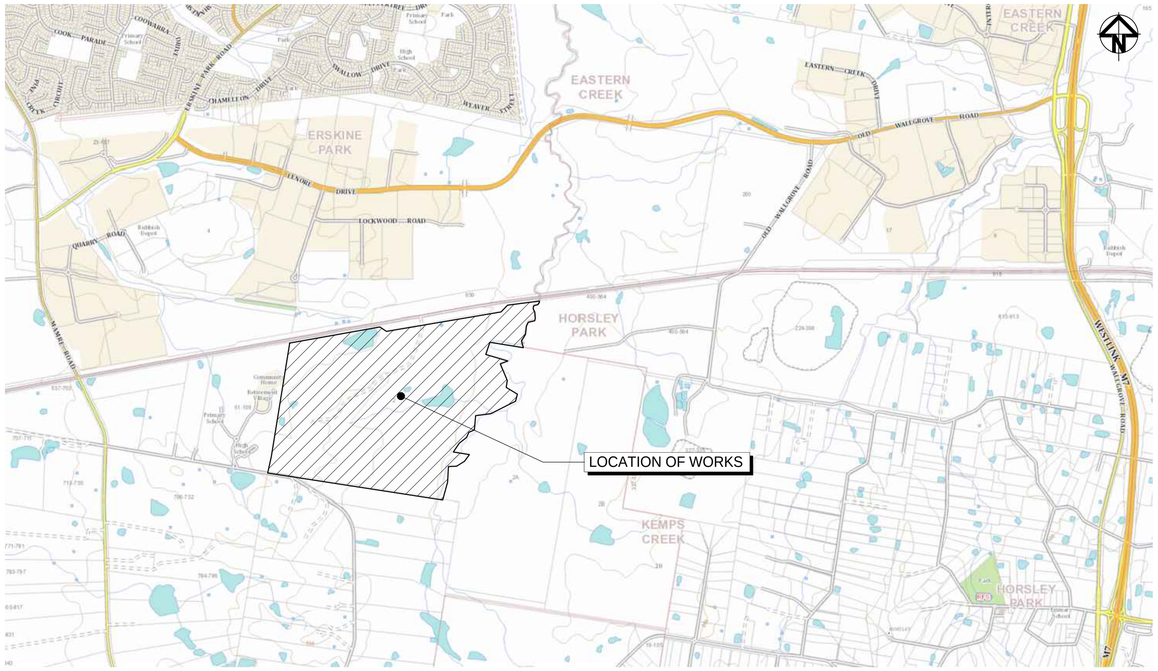
OAKDALE WEST

1000-SERIES INFRASTRUCTURE

CIVIL WORKS PACKAGE

STATE SIGNIFICANT DEVELOPMENT

MOD 3 APPLICATION



LOCALITY PLAN

NTS

NOTE:

THIS APPLICATION RELATES TO THE FOLLOWING :-

1. BULK EARTHWORKS SITE WIDE.
2. STORMWATER BASINS AND ASSOCIATED STORMWATER INLET AND OUTLETS.
3. BOUNDARY AND ROAD \ LOT RETAINING WALLS.
4. WESTERN NORTH -SOUTH LINK ROAD.
5. STAGE 1 INFRASTRUCTURE WORKS AS SHOWN ON DRAWINGS 15-272-C0004 AND 15-272-C0005.
6. PRECINCT NO.1 ON LOT BUILDING WORKS.
7. INTERNAL AND EXTERNAL SYDNEY WATER SEWER AND POTABLE WATER WORKS.
8. PRIVATE GAS MAIN RELOCATION WORKS.
9. DEMOLITION AND DECOMMISSIONING OF EXISTING DWELLING, ASSOCIATED UTILITIES, FENCING, CATTLE YARDS AND DAMS.
10. LEAD IN ELECTRICAL AND COMMUNICATIONS.

Bar Scales

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A5	ISSUED FOR INFORMATION MOD 2	07-06-19
A4	ISSUED FOR SSD APPROVAL	21-09-18

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales		15-272-C1000.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

Goodman

Civil Engineers and Project Managers

at&l
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

Project

PROPOSED INDUSTRIAL DEVELOPMENT
OAKDALE WEST

Title

COVER SHEET

Drawing No.	Project No.	Issue
15-272-C1000	15-272	A9

100mm on Original

Date Plotted: 5 Dec 2019 - 04:18PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1000.dwg V1

DRAWING LIST	
DRAWING No.	DRAWING TITLE
15-272-C1000	COVER SHEET
15-272-C1001	DRAWING LIST
15-272-C1002	GENERAL NOTES
15-272-C1003	PRECINCT GENERAL ARRANGEMENT PLAN
15-272-C1004	TYPICAL SITE SECTIONS SHEET 1 OF 6
15-272-C1005	TYPICAL SITE SECTIONS SHEET 2 OF 6
15-272-C1006	TYPICAL SITE SECTIONS SHEET 3 OF 6
15-272-C1007	TYPICAL SITE SECTIONS SHEET 4 OF 6
15-272-C1008	TYPICAL SITE SECTIONS SHEET 5 OF 6
15-272-C1009	TYPICAL SITE SECTIONS SHEET 6 OF 6
15-272-C1010	TYPICAL ROAD SECTIONS
15-272-C1011	CONTOUR PLAN
15-272-C1014	BULK EARTHWORKS CUT\FILL PLAN
15-272-C1015	EARTHWORKS AND STORMWATER DRAINAGE PLAN SHEET 1 OF 20
15-272-C1016	EARTHWORKS AND STORMWATER DRAINAGE PLAN SHEET 2 OF 20
15-272-C1017	EARTHWORKS AND STORMWATER DRAINAGE PLAN SHEET 3 OF 20
15-272-C1018	EARTHWORKS AND STORMWATER DRAINAGE PLAN SHEET 4 OF 20
15-272-C1019	EARTHWORKS AND STORMWATER DRAINAGE PLAN SHEET 5 OF 20
15-272-C1020	EARTHWORKS AND STORMWATER DRAINAGE PLAN SHEET 6 OF 20
15-272-C1021	EARTHWORKS AND STORMWATER DRAINAGE PLAN SHEET 7 OF 20
15-272-C1022	EARTHWORKS AND STORMWATER DRAINAGE PLAN SHEET 8 OF 20
15-272-C1023	EARTHWORKS AND STORMWATER DRAINAGE PLAN SHEET 9 OF 20
15-272-C1024	EARTHWORKS AND STORMWATER DRAINAGE PLAN SHEET 10 OF 20
15-272-C1025	EARTHWORKS AND STORMWATER DRAINAGE PLAN SHEET 11 OF 20
15-272-C1026	EARTHWORKS AND STORMWATER DRAINAGE PLAN SHEET 12 OF 20
15-272-C1027	EARTHWORKS AND STORMWATER DRAINAGE PLAN SHEET 13 OF 20
15-272-C1028	EARTHWORKS AND STORMWATER DRAINAGE PLAN SHEET 14 OF 20
15-272-C1029	EARTHWORKS AND STORMWATER DRAINAGE PLAN SHEET 15 OF 20
15-272-C1030	EARTHWORKS AND STORMWATER DRAINAGE PLAN SHEET 16 OF 20
15-272-C1031	EARTHWORKS AND STORMWATER DRAINAGE PLAN SHEET 17 OF 20
15-272-C1032	EARTHWORKS AND STORMWATER DRAINAGE PLAN SHEET 18 OF 20
15-272-C1033	EARTHWORKS AND STORMWATER DRAINAGE PLAN SHEET 19 OF 20
15-272-C1034	EARTHWORKS AND STORMWATER DRAINAGE PLAN SHEET 20 OF 20
15-272-C1040	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 1 OF 16
15-272-C1041	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 2 OF 16
15-272-C1042	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 3 OF 16
15-272-C1043	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 4 OF 16
15-272-C1044	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 5 OF 16
15-272-C1045	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 6 OF 16
15-272-C1046	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 7 OF 16
15-272-C1047	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 8 OF 16
15-272-C1048	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 9 OF 16
15-272-C1049	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 10 OF 16
15-272-C1050	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 11 OF 16
15-272-C1051	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 12 OF 16
15-272-C1052	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 13 OF 16
15-272-C1053	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 14 OF 16
15-272-C1054	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 15 OF 16
15-272-C1055	ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 16 OF 16
15-272-C1060	ROAD LONGITUDINAL SECTIONS SHEET 1 OF 6
15-272-C1061	ROAD LONGITUDINAL SECTIONS SHEET 2 OF 6
15-272-C1062	ROAD LONGITUDINAL SECTIONS SHEET 3 OF 6
15-272-C1063	ROAD LONGITUDINAL SECTIONS SHEET 4 OF 6
15-272-C1064	ROAD LONGITUDINAL SECTIONS SHEET 5 OF 6
15-272-C1065	ROAD LONGITUDINAL SECTIONS SHEET 6 OF 6
15-272-C1070	WESTERN BOUNDARY LAYOUT AND SECTIONS
15-272-C1071	SOUTHERN BOUNDARY LAYOUT AND SECTIONS

15-272-C1080	BIO-RETENTION BASIN 2 AND 3 DETAIL PLAN SHEET 1 OF 2
15-272-C1081	BIO-RETENTION BASIN 2 AND 3 DETAIL PLAN SHEET 2 OF 2
15-272-C1082	BIO-RETENTION BASIN 4 DETAIL PLAN SHEET 1 OF 2
15-272-C1083	BIO-RETENTION BASIN 4 DETAIL PLAN SHEET 2 OF 2
15-272-C1084	BIO-RETENTION BASIN 5 DETAIL PLAN
15-272-C1086	STORMWATER DRAINAGE CATCHMENT PLAN (PRE-DEVELOPED)
15-272-C1087	STORMWATER DRAINAGE CATCHMENT PLAN (POST-DEVELOPED)
15-272-C1090	RETAINING WALL GENERAL ARRANGEMENT PLAN
15-272-C1091	RETAINING WALL PROFILES SHEET 1 OF 8
15-272-C1092	RETAINING WALL PROFILES SHEET 2 OF 8
15-272-C1093	RETAINING WALL PROFILES SHEET 3 OF 8
15-272-C1094	RETAINING WALL PROFILES SHEET 4 OF 8
15-272-C1095	RETAINING WALL PROFILES SHEET 5 OF 8
15-272-C1096	RETAINING WALL PROFILES SHEET 6 OF 8
15-272-C1097	RETAINING WALL PROFILES SHEET 7 OF 8
15-272-C1098	RETAINING WALL PROFILES SHEET 8 OF 8
15-272-C1110	STAGE 1 SERVICES AND UTILITIES COORDINATION PLAN SHEET 1 OF 6
15-272-C1111	STAGE 1 SERVICES AND UTILITIES COORDINATION PLAN SHEET 2 OF 6
15-272-C1112	STAGE 1 SERVICES AND UTILITIES COORDINATION PLAN SHEET 3 OF 6
15-272-C1113	STAGE 1 SERVICES AND UTILITIES COORDINATION PLAN SHEET 4 OF 6
15-272-C1114	STAGE 1 SERVICES AND UTILITIES COORDINATION PLAN SHEET 5 OF 6
15-272-C1115	STAGE 1 SERVICES AND UTILITIES COORDINATION PLAN SHEET 6 OF 6
15-272-C1120	EXISTING TRANSGRID OVERHEAD ELECTRICAL CABLES PLAN
15-272-C1121	EXISTING TRANSGRID OVERHEAD ELECTRICAL CABLES LONGITUDINAL SECTIONS
15-272-C1122	EXISTING TRANSGRID OVERHEAD ELECTRICAL CABLES TYPICAL SECTIONS SHEET 1 OF 2
15-272-C1123	EXISTING TRANSGRID OVERHEAD ELECTRICAL CABLES TYPICAL SECTIONS SHEET 2 OF 2
15-272-C1130	EROSION AND SEDIMENT CONTROL PLAN SHEET 1 OF 7
15-272-C1131	EROSION AND SEDIMENT CONTROL PLAN SHEET 2 OF 7
15-272-C1132	EROSION AND SEDIMENT CONTROL PLAN SHEET 3 OF 7
15-272-C1133	EROSION AND SEDIMENT CONTROL PLAN SHEET 4 OF 7
15-272-C1134	EROSION AND SEDIMENT CONTROL PLAN SHEET 5 OF 7
15-272-C1135	EROSION AND SEDIMENT CONTROL PLAN SHEET 6 OF 7
15-272-C1136	EROSION AND SEDIMENT CONTROL PLAN SHEET 7 of 7
15-272-C1137	EROSION AND SEDIMENT CONTROL DETAILS

Bar Scales

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A5	ISSUED FOR INFORMATION MOD 2	07-06-19
A4	ISSUED FOR SSD APPROVAL	21-09-18

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales		15-272-C1001.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

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

Project
PROPOSED INDUSTRIAL DEVELOPMENT
OAKDALE WEST

Title
DRAWING LIST

Drawing No.	Project No.	Issue
15-272-C1001	15-272	A9

SITEWORKS NOTES

1. ORIGIN OF LEVELS:- REFER SURVEY NOTES.
2. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORK. ANY DISCREPANCIES TO BE REPORTED TO AT & L.
3. MAKE SMOOTH CONNECTION WITH EXISTING WORKS.
4. ALL TRENCH BACKFILL MATERIAL SHALL BE COMPACTED TO THE SAME DENSITY AS THE ADJACENT MATERIAL.
5. ALL SERVICE TRENCHES UNDER VEHICULAR PAVEMENTS SHALL BE BACKFILLED 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% MODIFIED MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS 1289 5.2.1. (OR A DENSITY INDEX OF NOT LESS THAN 75)
6. PROVIDE 10mm WIDE EXPANSION JOINTS BETWEEN BUILDINGS AND ALL CONCRETE OR UNIT PAVEMENTS.
7. ASPHALTIC CONCRETE SHALL CONFORM TO R.M.S SPECIFICATION R116.
8. ALL BASECOURSE MATERIAL SHALL BE IGNEOUS ROCK QUARRIED MATERIAL TO COMPLY WITH R.M.S FORM 3051 (UNBOUND), R.M.S FORM 3052 (BOUND) COMPACTED TO MINIMUM 98% MODIFIED DENSITY IN ACCORDANCE WITH AS 1289 5.2.1
   FREQUENCY OF COMPACTION TESTING SHALL NOT BE LESS THAN 1 TEST PER $50m^3$ OF BASECOURSE MATERIAL PLACED.
9. ALL SUB-BASE COURSE MATERIAL SHALL BE IGNEOUS ROCK QUARRIED MATERIAL TO COMPLY WITH R.M.S FORM 3051, 3051.1 AND COMPACTED TO MINIMUM 95% MODIFIED DENSITY IN ACCORDANCE WITH A.S 1289 5.2.1
   FREQUENCY OF COMPACTION TESTING SHALL NOT BE LESS THAN 1 TEST PER $50m^3$ OF SUB-BASE COURSE MATERIAL PLACED.
10. AS AN ALTERNATIVE TO THE USE OF IGNEOUS ROCK AS A SUB-BASE MATERIAL IN (9) A CERTIFIED RECYCLED CONCRETE MATERIAL COMPLYING WITH R.M.S FORM 3051 AND 3051.1 WILL BE CONSIDERED. SUBJECT TO MATERIAL SAMPLES AND APPROPRIATE CERTIFICATIONS BEING PROVIDED TO THE SATISFACTION OF AT & L.
11. SHOULD THE CONTRACTOR WISH TO USE A RECYCLED PRODUCT THE CONTRACTOR IS TO SEEK ACCEPTANCE OF THE PRODUCT FROM AT&L. THE PRICE DIFFERENCE BETWEEN AN IGNEOUS PRODUCT AND A RECYCLED PRODUCT SHALL BE CLEARLY INDICATED.
12. WHERE NOTED ON THE DRAWINGS THAT WORKS ARE TO BE CARRIED BY OTHERS, (eg. ADJUSTMENT OF SERVICES), THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CO-ORDINATION OF THESE WORKS.

SURVEY NOTES

THE EXISTING SITE CONDITIONS SHOWN ON THE FOLLOWING DRAWINGS HAVE BEEN INVESTIGATED BY CARDNO HARD & FORESTER PTY LTD, 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.

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:
THIS PLAN IS PREPARED FROM A COMBINATION OF FIELD SURVEY AND EXISTING RECORDS FOR THE PURPOSE OF DESIGNING NEW CONSTRUCTIONS ON THE LAND AND SHOULD NOT BE USED FOR ANY OTHER PURPOSE. THE TITLE BOUNDARIES SHOWN HEREON WERE NOT MARKED BY THE AUTHOR AT THE TIME OF SURVEY AND HAVE BEEN DETERMINED BY PLAN DIMENSIONS ONLY AND NOT BY FIELD MEASUREMENT.

A SERVICES SEARCH OF THE AREA SURVEYED ABOVE HAS NOT BEEN UNDERTAKEN. VISIBLE SERVICES SHOWN HEREON HAVE BEEN LOCATED WHERE POSSIBLE BY FIELD SURVEY. PRIOR TO ANY DEMOLITION, EXCAVATION OR CONSTRUCTION ON THE SITE, THE RELEVANT AUTHORITY SHOULD BE CONTACTED FOR POSSIBLE LOCATION OF FURTHER UNDERGROUND SERVICES AND DETAILED LOCATIONS OF ALL SERVICES. THIS NOTE IS AN INTEGRAL PART OF THIS PLAN.

EXISTING UNDERGROUND SERVICES NOTES

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.

DIAL 1100 BEFORE YOU DIG

CONTRACTOR SHALL CALL;
DIAL BEFORE YOU DIG 1100
PRIOR TO COMMENCEMENT OF WORK TO OBTAIN ALL CURRENT SERVICE AUTHORITY PLANS

CONCRETE NOTES

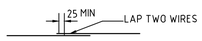
1. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS 3600 CURRENT EDITION WITH AMENDMENTS, EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS.
2. CONCRETE QUALITY
   ALL REQUIREMENTS OF THE CURRENT ACSE CONCRETE SPECIFICATION DOCUMENT 1 SHALL APPLY TO THE FORMWORK, REINFORCEMENT AND CONCRETE UNLESS NOTED OTHERWISE.

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

   - CEMENT TYPE SHALL BE (ACSE SPECIFICATION) TYPE SL
   - PROJECT CONTROL TESTING SHALL BE CARRIED OUT IN ACCORDANCE WITH AS 1379.
3. NO ADMIXTURES SHALL BE USED IN CONCRETE UNLESS APPROVED IN WRITING BY AT & L.
4. CLEAR CONCRETE COVER TO ALL REINFORCEMENT FOR DURABILITY SHALL BE 40mm TOP AND 70mm FOR EXTERNAL EDGES UNLESS NOTED OTHERWISE.
5. 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 R83.
7. 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
   17 N 20 250
   NOMINAL BAR SIZE IN mm — SPACING IN mm

   THE FIGURE FOLLOWING THE FABRIC SYMBOL SL IS THE REFERANCE NUMBER FOR FABRIC TO AS 1304.
8. FABRIC SHALL BE LAPPED IN ACCORDANCE WITH THE FOLLOWING DETAIL:



KERBING NOTES

1. ALL CONCRETE TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF25MPa U.N.O IN REINFORCED CONCRETE NOTES.
2. 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).
3. 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.
4. 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.
5. BROOMED 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.

   EXISTING KERB AND GUTTER IS TO BE COMPLETELY REMOVED WHERE NEW KERB AND GUTTER IS SHOWN.

DEWATERING

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

DECOMMISSIONING / DEMOLITION

DEMOLITION OF EXISTING DWELLING TO BE CONDUCTED IN ACCORDANCE WITH THE PROVISIONS OF AS2601-2001 - DEMOLITION OF STRUCTURES BY CONTRACTORS EXPERIENCED IN THIS CLASS OF WORK AND HOLDING REQUIRED CURRENT PERMITS AND LICENSES AS REQUIRED.

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

DAM DECOMMISSIONING TO BE COMPLETED AS PER THE DAM DECOMMISSIONING PROCEDURE AS CONTAINED WITHIN THE CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN (CEMP).

STORMWATER DRAINAGE NOTES

1. STORMWATER DESIGN CRITERIA:
   (A) AVERAGE RECURRENCE INTERVAL:
   1:100 YEARS MAJOR STORM (OVERLAND FLOW)
   1:20 YEARS MINOR STORM (PIPED NETWORK)
   (B) RAINFALL INTENSITIES:
   TIME OF CONCENTRATION: 5 MINUTES
   1:100 YEARS= 219 mm/hr
   1:20 YEARS= 167 mm/hr
   (C) RUNOFF COEFFICIENTS:
   ROOF AREAS: C_{100} =1.0
   EXTERNAL PAVEMENTS: C_{100} =1.0
2. PIPES 300 DIA. AND LARGER TO BE REINFORCED CONCRETE CLASS '2' APPROVED SPIGOT AND SOCKET WITH RUBBER RING JOINTS. U.N.O.
3. PIPES UP TO 300 DIA SHALL BE SEWER GRADE uPVC WITH SOLVENT WELDED JOINTS.
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 IN HEIGHT.
6. PIPES TO BE INSTALLED TO TYPE HS1 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 (1998).
8. PRECAST PITS MAY BE USED EXTERNAL TO THE BUILDING SUBJECT TO APPROVAL BY AT & L.
9. ENLARGERS, CONNECTIONS AND JUNCTIONS TO BE PREFABRICATED FITTINGS WHERE PIPES ARE LESS THAN 300 DIA.
10. WHERE SUBSOIL 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.
14. 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 FOR FURTHER DIRECTIONS.

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 QUALIFIED AND EXPERIENCED GEOTECHNICAL ENGINEER IF NOT ROCK.
3. IN THE CASE WHERE THE EMBANKMENT AREAS SLUSH, GROUTING AND DENTAL CONCRETE MAY BE REQUIRED, AS DIRECTED BY A QUALIFIED AND EXPERIENCED GEOTECHNICAL ENGINEER.
4. COMPACT CLAY STABILIZED WITH GYPSUM (3% BY DRY MASS, MINIMUM) AS APPROVED BY A QUALIFIED AND EXPERIENCED GEOTECHNICAL ENGINEER INTO THE CUT-OFF TRENCH OF LAYERS NOT EXCEEDING 150mm LOOSE 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. GYPSUM STABILIZED NATURAL SOILS EXPOSED IN EMBANKMENT AREA WITH MINIMUM 3% GYPSUM BY DRY MASS AND COMPACT AS FOR #4. ALL TO THE APPROVAL OF A QUALIFIED AND EXPERIENCED GEOTECHNICAL ENGINEER.
6. CONSTRUCT BODY OF EMBANKMENT WITH CLAYEY MATERIAL WON FROM SITE. COMPACT THE CLAYEY MATERIAL APPROVED BY A QUALIFIED AND EXPERIENCED GEOTECHNICAL ENGINEER IN LAYERS NOT EXCEEDING 150mm 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. MOST IMPORTANTLY, IF SHRINKAGE CRACKS OCCUR, AS DIRECTED BY A QUALIFIED AND EXPERIENCED GEOTECHNICAL ENGINEER.
7. OVERFILL THE EMBANKMENT AND TRIM OFF, SO THAT THE ENTIRE BODY OF THE EMBANKMENT IS COMPACTED.
8. TRIM THE EMBANKMENTS BATTERS TO THE OVERFILLED MATERIAL, STABILIZE THE UPSTREAM CLAY BATTERS WITH WELL MIXED GYPSUM (3% BY DRY MASS, MINIMUM) AND COMPACT TO MIN. 98% STD -2% TO +2% OMC.
9. PLACE ROCK RIP-RAP AS SHOWN.
10. 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.
11. WATER AND FERTILIZE LANDSCAPE AS REQUIRED BY CLIMACTIC CONDITIONS TO ENSURE THE LANDSCAPE IS SUCCESSFUL.
12. 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.

EROSION AND SEDIMENT CONTROL NOTES

GENERAL INSTRUCTIONS

1. THE SITE SUPERINTENDENT/ENGINEER WILL ENSURE THAT ALL SOIL AND WATER MANAGEMENT WORKS ARE LOCATED AS DOCUMENTED.
2. ALL WORK SHALL BE GENERALLY CARRIED OUT IN ACCORDANCE WITH
   a. LOCAL AUTHORITY REQUIREMENTS
   b. EPA REQUIREMENTS
   c. NSW DEPARTMENT OF HOUSING MANUAL "MANAGING URBAN STORMWATER, SOILS AND CONSTRUCTION", 4th EDITION, MARCH 2004.
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 IN THE FOLLOWING SEQUENCE:
   (A) INSTALL A WIND FENCE ALONG THE BOUNDARIES AS SHOWN ON PLAN. REFER DETAIL.
   (B) INSTALL A SEDIMENT FENCE ALONG THE BOUNDARIES AS SHOWN ON PLAN. REFER DETAIL.
   (C) CONSTRUCT STABILISED CONSTRUCTION ENTRANCE TO LOCATION AS DETERMINED BY SUPERINTENDENT/ENGINEER. REFER DETAIL.
   (D) INSTALL SEDIMENT BASIN AS SHOWN ON PLAN
   (E) INSTALL SEDIMENT TRAPS AS SHOWN ON PLAN.
   (F) UNDERTAKE SITE DEVELOPMENT WORKS IN ACCORDANCE WITH THE ENGINEERING PLANS. WHERE POSSIBLE, PHASE DEVELOPMENT SO THAT LAND DISTURBANCE IS CONFINED TO AREAS OF WORKABLE SIZE.

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.
10. 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.
11. 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

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.

STAGING

SUITABLE EROSION AND SEDIMENT CONTROLS SHALL BE DESIGNED, PROVIDED AND MAINTAINED BY THE CONTRACTOR THROUGHOUT ALL STAGES OF WORKS, INCLUDING AT COMPLETION OF THE BULK EARTHWORKS WHERE SHOWN ON AT&L DRAWINGS OR WHERE DIRECTED BY THE SUPERINTENDENT OR PENRITH CITY COUNCIL'S ENGINEERS.
SEDIMENT AND EROSION CONTROLS ARE TO BE DESIGNED AND DOCUMENTED BY A SUITABLY QUALIFIED EXPERT ENGAGED BY THE CONTRACTOR AND APPROVED AS PART OF THE CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. SUCH CONTROLS SHALL BE IN ACCORDANCE WITH THE RELEVANT REQUIREMENTS IN THE LATEST VERSION OF THE MANAGING URBAN STORMWATER: SOILS AND CONSTRUCTION GUIDELINE (LANDCOM).

BIO-RETENTION FILTER MEDIA SPECIFICATION

MATERIALS:

BIO-RETENTION FILTER MEDIA, TRANSITION LAYER AND DRAINAGE LAYERS TO BE IN ACCORDANCE WITH CURRENT VERSION OF FAWB DOCUMENT "STORMWATER BIO-FILTRATION SYSTEMS ADOPTION GUIDELINES" AND THE FOLLOWING,:

A) BIO-RETENTION FILTER MEDIA

1. BIO-RETENTION MEDIA IS TO BE FREE OF RUBBISH AND DELETERIOUS MATERIAL.
2. BIO-RETENTION FILTER MEDIA SATURATED HYDRAULIC CONDUCTIVITY TO BE 180mm/hr USING TEST METHOD ASTM F1815-06.
3. BIO-RETENTION FILTER MEDIA PARTICLE SIZE DISTRIBUTION IS TO BE AS FOLLOWS:

CLAY & SILT	<3%	(<0.05mm)
VERY FINE SAND	5-30%	(0.05-0.15mm)
FINE SAND	10-30%	(0.15-0.25mm)
MEDIUM TO COARSE SAND	40-60%	(0.25-1.0mm)
COARSE SAND	7-10%	(1.0-2.0mm)
FIN GRAVEL	<3%	(2.0-3.4mm)

THE COMBINED PERCENTAGE OF CLAY AND SILT MUST NOT EXCEED 3% (W/W) UNDER ANY CIRCUMSTANCES.

4. BIO-RETENTION FILTER MEDIA IS TO BE TESTED AND COMPLY WITH THE FOLLOWING REQUIREMENTS:
   a) ORGANIC MATTER CONTENT IN ACCORDANCE WITH AS 4419 AT LEAST 3% (W/W)
   b) TOTAL NITROGEN (TN) CONTENT <900mg/kg
   c) ORTHOPHOSPHATE (PO_4^{3-}) CONTENT - <30mg/kg WHERE PLANTS WITH MODERATE PHOSPHOROUS SENSITIVITY ARE TO BE USED, TOTAL PHOSPHOROUS CONCENTRATION SHOULD BE <20mg/kg.
   d) AS SPECIFIED FOR "NATURAL SOILS AND SOIL BLENDS" AS4419 - pH 5.5-7.5 (pH 1.5 IN WATER)
   e) ELECTRICAL CONDUCTIVITY (EC) AS SPECIFIED FOR "NATURAL SOILS AND SOILS BLENDS" AS4419 <1.2ds/m
   f) DISPENSABILITY - AS SPECIFIED FOR 'NATURAL SOILS AND SOIL BLENDS' AS4419 CATEGORY 1 OR 2
   g) TEXTURE - LOAMY SAND AS PER AS4419

5. PRIOR TO PLACEMENT OF THE FILTER MEDIA A STATEMENT IS TO BE SUBMITTED FROM A QUALIFIED HORTICULTURIST CONFIRMING THAT THE SOIL IS CAPABLE OF SUPPORTING A HEALTHY VEGETABLE COMMUNITY.

6. TESTS CONFIRMING THE REQUIREMENTS OF ITEMS 1 TO 4 ARE TO BE SUBMITTED FOR APPROVAL PRIOR TO PLACEMENT OF FILTER MEDIA.

B) DRAINAGE LAYER A

DRAINAGE LAYER MATERIAL IS TO BE CLEAN, FINE GRAVEL, SUCH AS A 2 - 5mm WASHED SCREENING. THE PARTICLE SIZE DISTRIBUTION TO BE:
D_{15} (DRAINAGE LAYER) < 5 x D_{85} (TRANSITION LAYER)
WHERE: D_{15} (DRAINAGE LAYER) IS THE 15TH PERCENTILE PARTICLE SIZE IN THE TRANSITION LAYER MATERIAL (i.e, 15% OF THE SAND IS SMALLER THAN D_{15} mm), AND D_{85} (TRANSITION LAYER) IS THE 85th PERCENTILE PARTICLE SIZE IN THE FILTER MEDIA.

C) DRAINAGE LAYER B

10-20mm CLEAN GRAVEL WITH 2% VOLUME FINE STRAW AND 4-6% VOLUME HARDWOOD CHIPS.

INSTALLATION:

FILTER MATERIAL IS TO BE LIGHTLY COMPACTED EG. A SINGLE PASS WITH A DRUM LAWN ROLLER. UNDER NO CIRCUMSTANCES SHOULD HEAVY EQUIPMENT OR MULTIPLE PASSES BE MADE. FILTER MEDIA SHOULD BE INSTALLED IN TWO LIFTS UNLESS THE DEPTH IS LESS THAN 500mm.

BULK EARTHWORKS NOTES

1. ORIGIN OF LEVELS: REFER SURVEY NOTES
2. REFER PELLS SULLIVAN MEYNINK REPORT PSM1541-020S REV 0 (DATED 16-03-12) FOR BULK EARTHWORKS SPECIFICATIONS OF THE BIO-RETENTION BASIN AND ESTATE ROAD.
3. REFER PELLS SULLIVAN MEYNINK REPORT PSM1541-003S REV 2 (DATED 06/05/13) FOR BULK EARTHWORKS SPECIFICATIONS OF ALL AREAS EXCEPT THE BIO-RETENTION BASIN AND ESTATE ROAD.

FINISHED SURFACE LEVELS

1. ALL FINISHED SURFACE LEVELS ARE ±1000mm U.N.O.

Bar Scales

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A5	ISSUED FOR INFORMATION MOD 2	07-06-19
A4	ISSUED FOR SSD APPROVAL	21-09-18

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

Status: MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION
A1

Scales: 15-272-C1002.dwg
Drawn: GB
Designed: GB
Height Datum: AHD
Checked: AM
Grid: MGA
Approved: AM

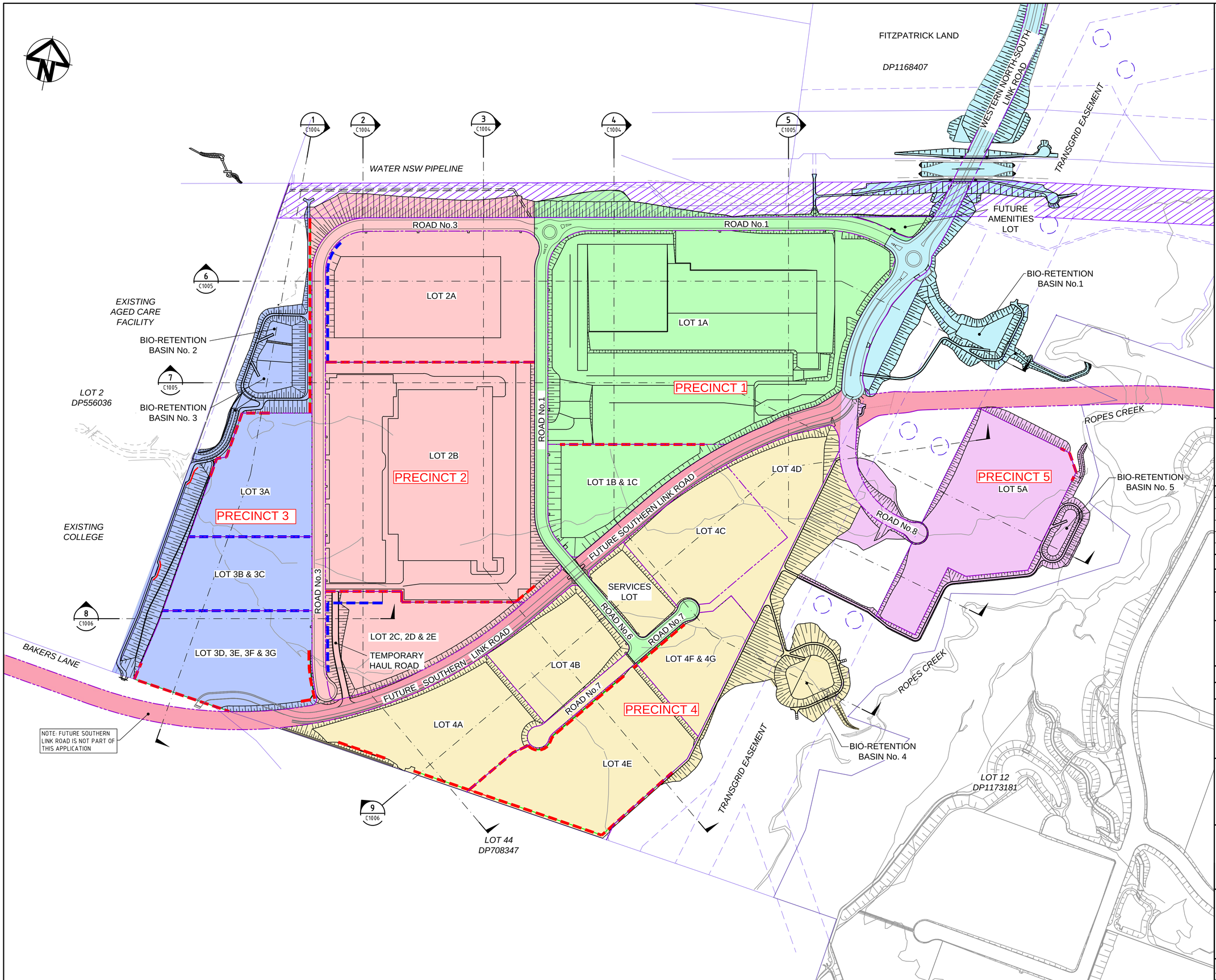
Client: Goodman

Civil Engineers and Project Managers
at&l
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

Project
PROPOSED INDUSTRIAL DEVELOPMENT
OAKDALE WEST

Title
GENERAL NOTES

Drawing No.	Project No.	Issue
15-272-C1002	15-272	A9



LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- PROPOSED BOUNDARY
- BOUNDARY WALLS
- PRECINCT No.1
- PRECINCT No.2
- PRECINCT No.3
- PRECINCT No.4
- PRECINCT No.5
- FUTURE SOUTHERN LINK ROAD
- WESTERN NORTH-SOUTH LINK ROAD REFER '3000 SERIES' PACKAGE
- PROPOSED FUTURE DEVELOPMENT

Bar Scales

0 50 100 150 200 250

1 : 3000 @ A1

Issue	Description	Date
A13	ISSUED FOR SSD APPROVAL MOD 3	14-01-20
A12	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A11	ISSUED FOR INFORMATION MOD 3	19-11-19
A10	ISSUED FOR INFORMATION MOD 3	12-11-19
A9	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A8	ISSUED FOR SSD APPROVAL MOD 2	24-07-19

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 3000	15-272-C1003.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

Goodman

Civil Engineers and Project Managers
at&l
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

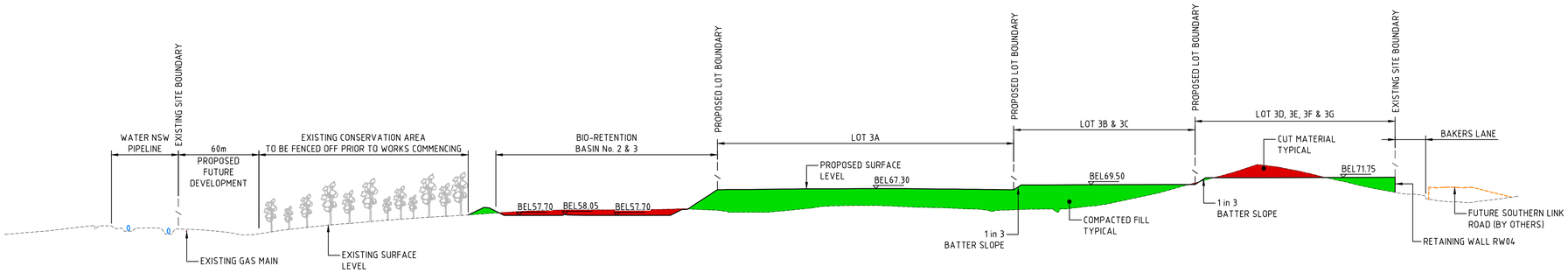
Project
PROPOSED INDUSTRIAL DEVELOPMENT
OAKDALE WEST

Title
PRECINCT
GENERAL ARRANGEMENT PLAN

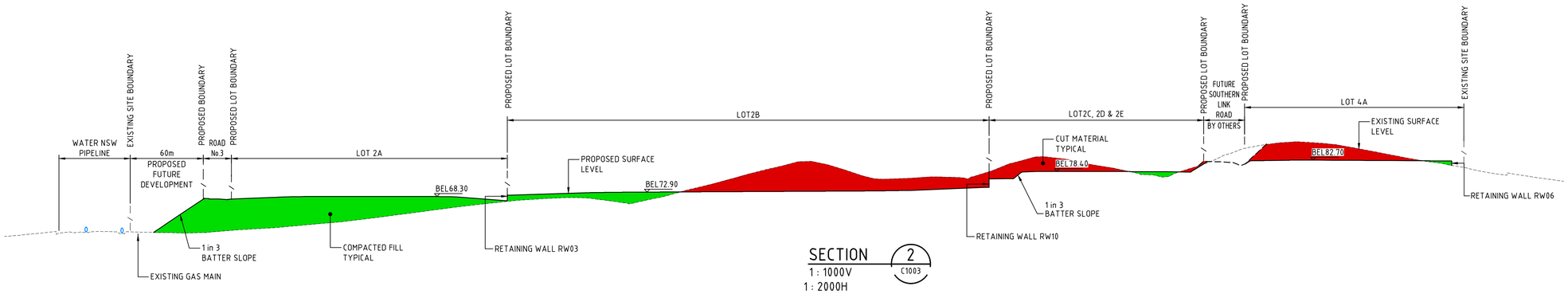
Drawing No.	Project No.	Issue
15-272-C1003	15-272	A13

100mm on Original

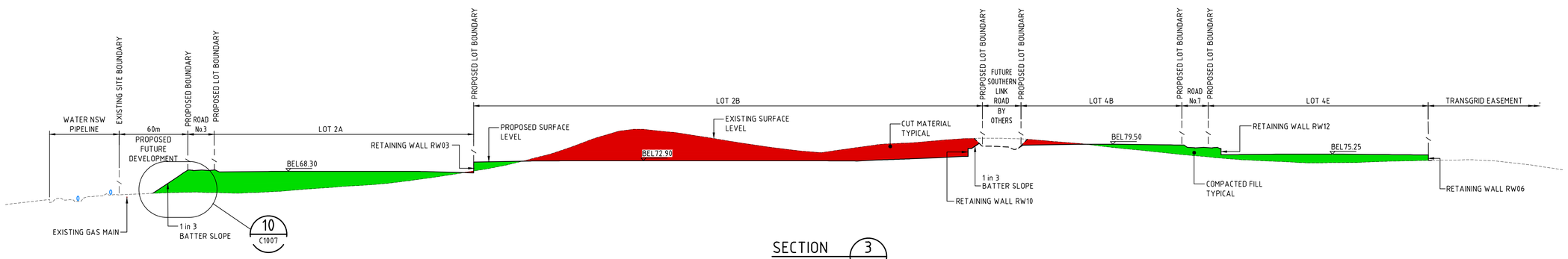
Date Plotted: 14 Jan 2020 - 05:36PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1003.dwg V1



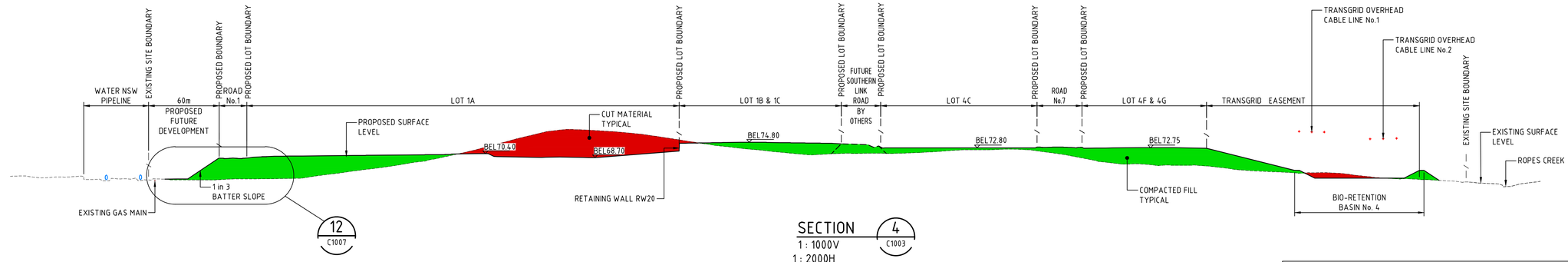
SECTION 1 (C1003)
1 : 1000V
1 : 2000H



SECTION 2 (C1003)
1 : 1000V
1 : 2000H



SECTION 3 (C1003)
1 : 1000V
1 : 2000H



SECTION 4 (C1003)
1 : 1000V
1 : 2000H

ALL FINISHED LEVELS ARE ±1000mm U.N.O

Bar Scales

0 20 40 60
1 : 1000 @ A1 1 : 2000 @ A3

0 50 100 150
1 : 2000 @ A1 1 : 4000 @ A3

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A8	ISSUED FOR SSD APPROVAL MOD 2	21-08-19
A6	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A5	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION
A1

Scales	AS SHOWN	15-272-C1004.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

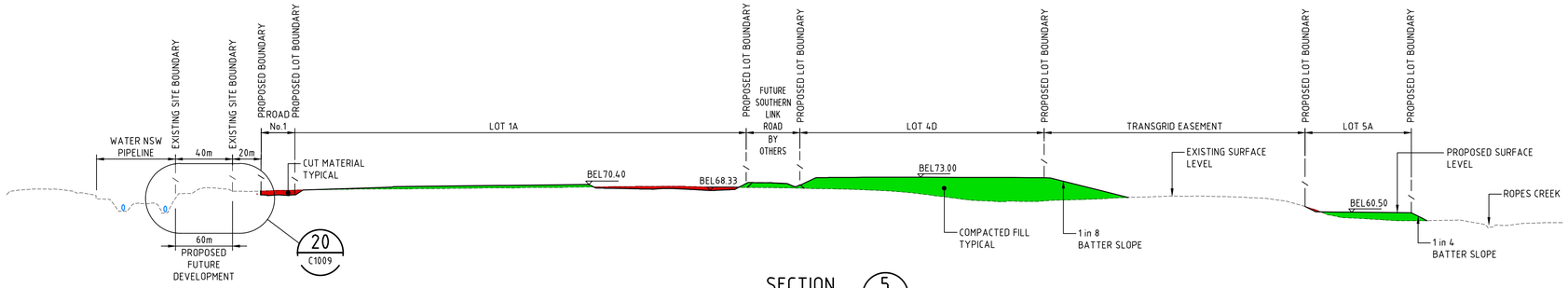
Client

Civil Engineers and Project Managers
at&l
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

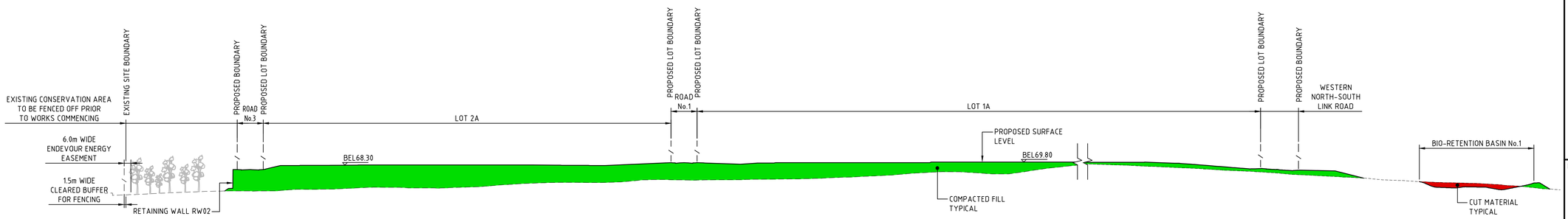
Project
PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title
TYPICAL SITE SECTIONS
SHEET 1 OF 6

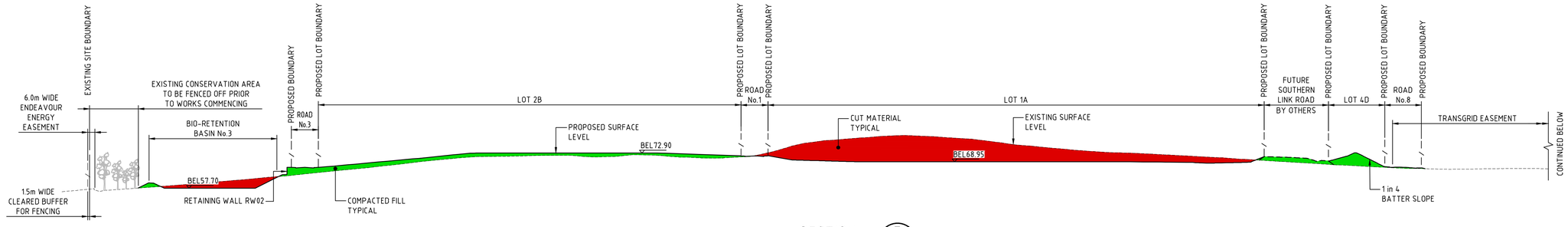
Drawing No.	Project No.	Issue
15-272-C1004	15-272	A9



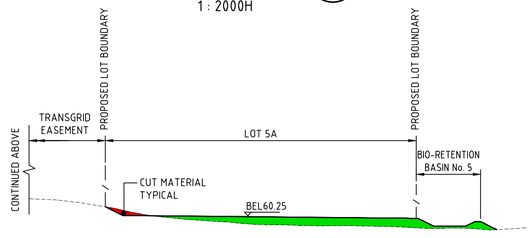
SECTION 5 C1003
1 : 1000V
1 : 2000H



SECTION 6 C1003
1 : 1000V
1 : 2000H



SECTION 7 C1003
1 : 1000V
1 : 2000H



SECTION 7 C1003
1 : 1000V
1 : 2000H

ALL FINISHED LEVELS ARE ±1000mm U.N.O

Bar Scales

0 20 40 60
1 : 1000 @ A1 1 : 2000 @ A3

0 50 100 150
1 : 2000 @ A1 1 : 4000 @ A3

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A5	ISSUED FOR INFORMATION MOD 2	07-06-19
A4	ISSUED FOR SSD APPROVAL	21-09-18

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION
A1

Scales	AS SHOWN	15-272-C1005.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client
Goodman

Civil Engineers and Project Managers
at&l
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

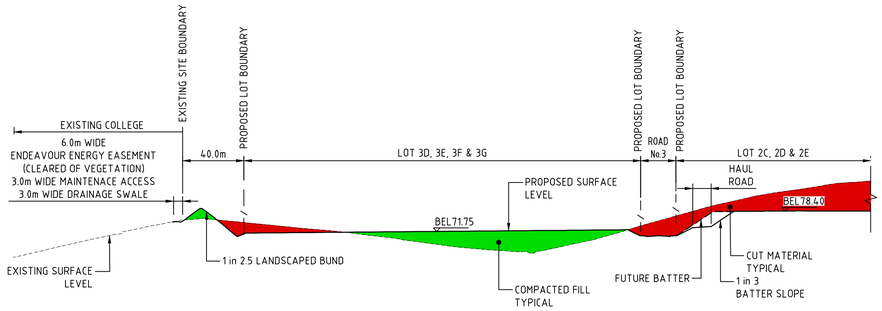
Project
PROPOSED INDUSTRIAL DEVELOPMENT
OAKDALE WEST

Title
TYPICAL SITE SECTIONS
SHEET 2 OF 6

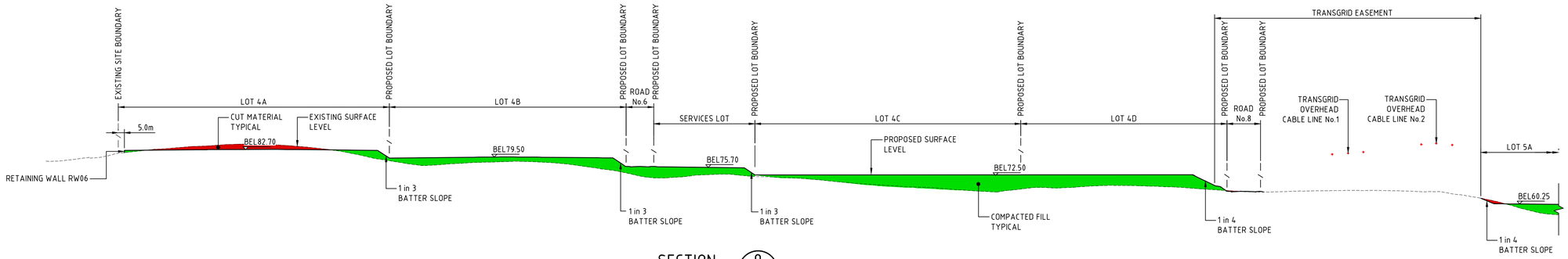
Drawing No.	Project No.	Issue
15-272-C1005	15-272	A9

100mm on Original

Date Plotted: 10 Dec 2019 - 11:45AM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1005.dwg V1



SECTION 8 C1003
1 : 1000V
1 : 2000H



SECTION 9 C1003
1 : 1000V
1 : 2000H

ALL FINISHED LEVELS ARE ±1000mm U.N.O

Bar Scales

0 20 40 60
1 : 1000 @ A1 1 : 2000 @ A3

0 50 100 150
1 : 2000 @ A1 1 : 4000 @ A3

Issue	Description	Date
A10	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A9	ISSUED FOR INFORMATION MOD 3	19-11-19
A8	ISSUED FOR INFORMATION MOD 3	12-11-19
A7	ISSUED FOR SSD APPROVAL MOD 2	21-08-19
A6	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A5	ISSUED FOR INFORMATION MOD 2	07-06-19

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&I.

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION
A1

Scales	AS SHOWN	15-272-C1006.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

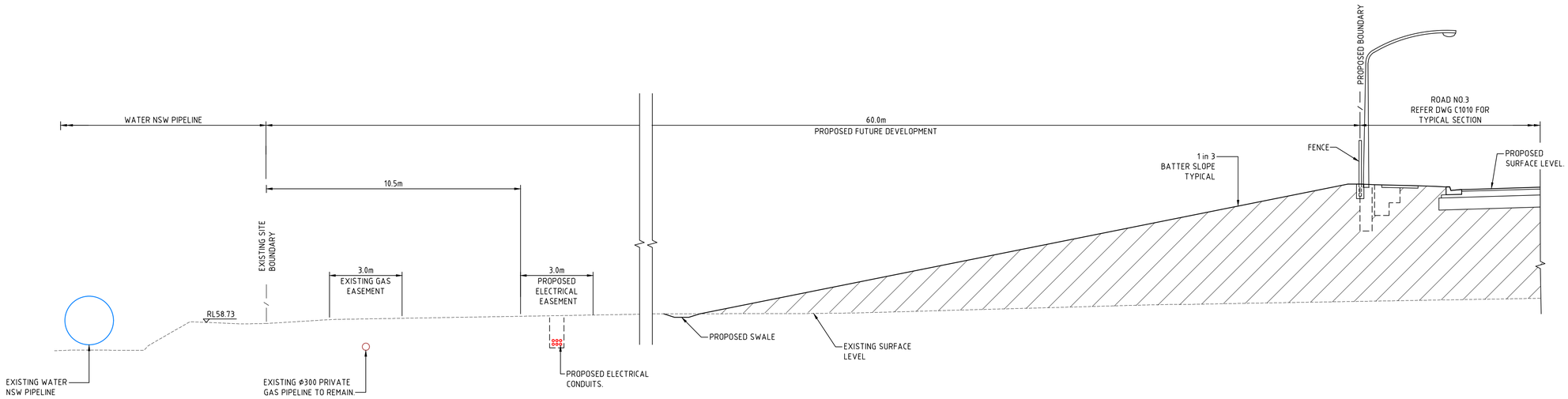
Client

Civil Engineers and Project Managers
at&l
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

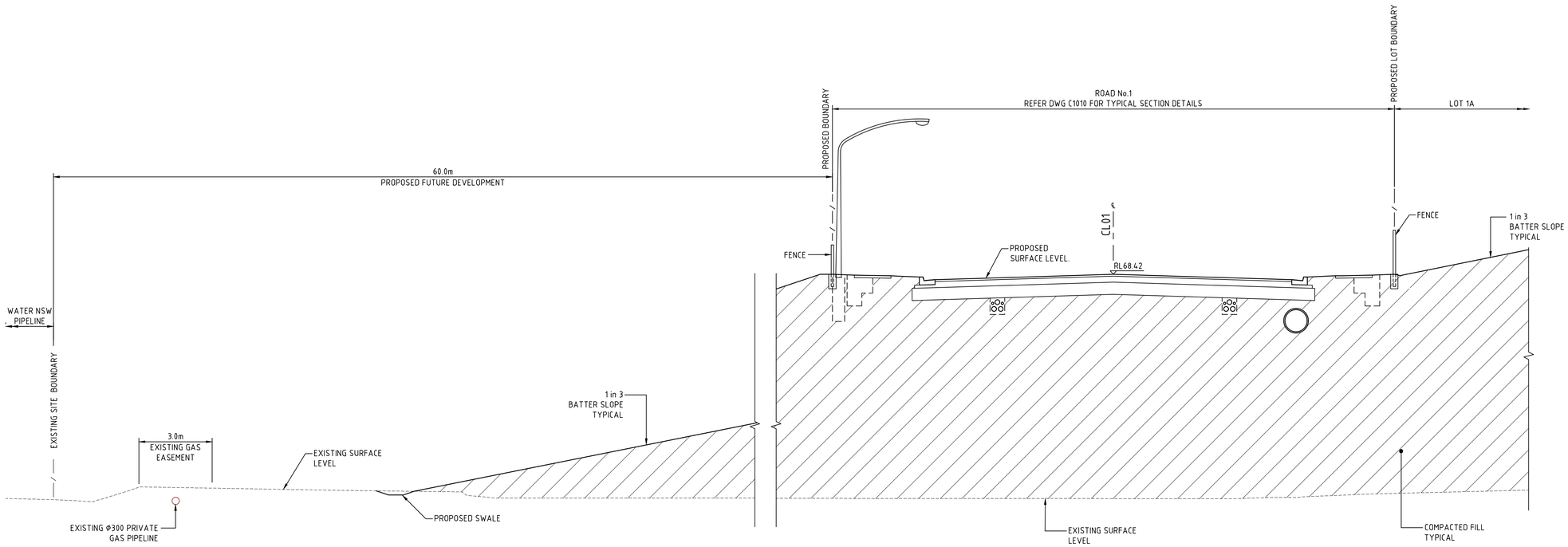
Project
PROPOSED INDUSTRIAL DEVELOPMENT
OAKDALE WEST

Title
TYPICAL SITE SECTIONS
SHEET 3 OF 6

Drawing No.	Project No.	Issue
15-272-C1006	15-272	A10



DETAIL 10 / C1016
1 : 100



DETAIL 12 / C1017
1 : 100

ALL FINISHED LEVELS ARE ±1000mm U.N.O

Bar Scales

0 2 4 6 8

1 : 100 @ A1 1 : 200 @ A3

Issue	Description	Date
A8	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A7	ISSUED FOR INFORMATION MOD 3	19-11-19
A6	ISSUED FOR INFORMATION MOD 3	12-11-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19
A3	ISSUED FOR SSD APPROVAL	21-09-18

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	AS SHOWN	15-272-C1007.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

Goodman

Civil Engineers and Project Managers

at&l
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

Project

PROPOSED INDUSTRIAL DEVELOPMENT
OAKDALE WEST

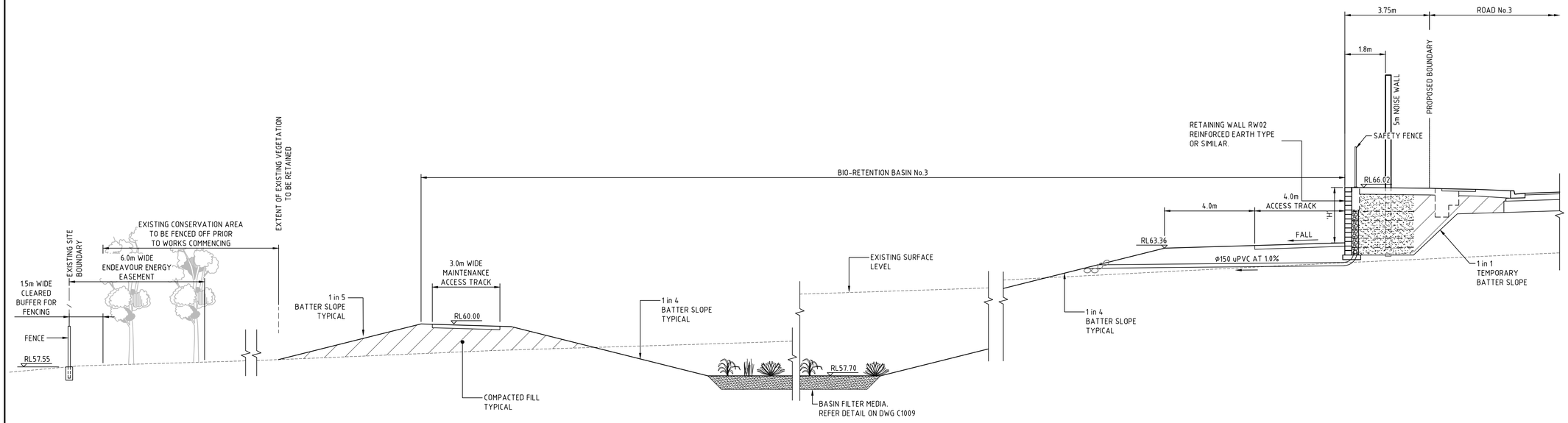
Title

TYPICAL SITE SECTIONS
SHEET 4 OF 6

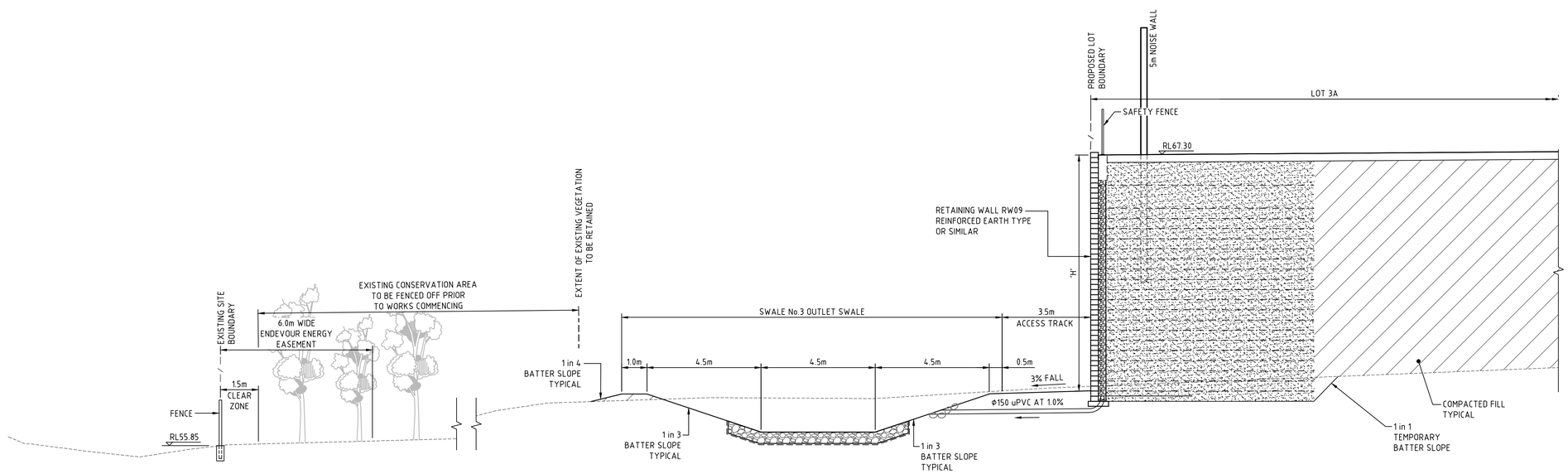
Drawing No.	Project No.	Issue
15-272-C1007	15-272	A8

100mm on Original

Date Plotted: 10 Dec 2019 - 11:46AM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1007.dwg V1



SECTION 14 (C1019)
1 : 100



SECTION 15 (C1019)
1 : 100

ALL FINISHED LEVELS ARE ±1000mm U.N.O

Bar Scales

0 2 4 6 8

1 : 100 @ A1 1 : 200 @ A3

Issue	Description	Date
A8	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A7	ISSUED FOR INFORMATION MOD 3	19-11-19
A6	ISSUED FOR INFORMATION MOD 3	12-11-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19
A3	ISSUED FOR SSD APPROVAL	11-10-18

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION
A1

Scales	AS SHOWN	15-272-C1008.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

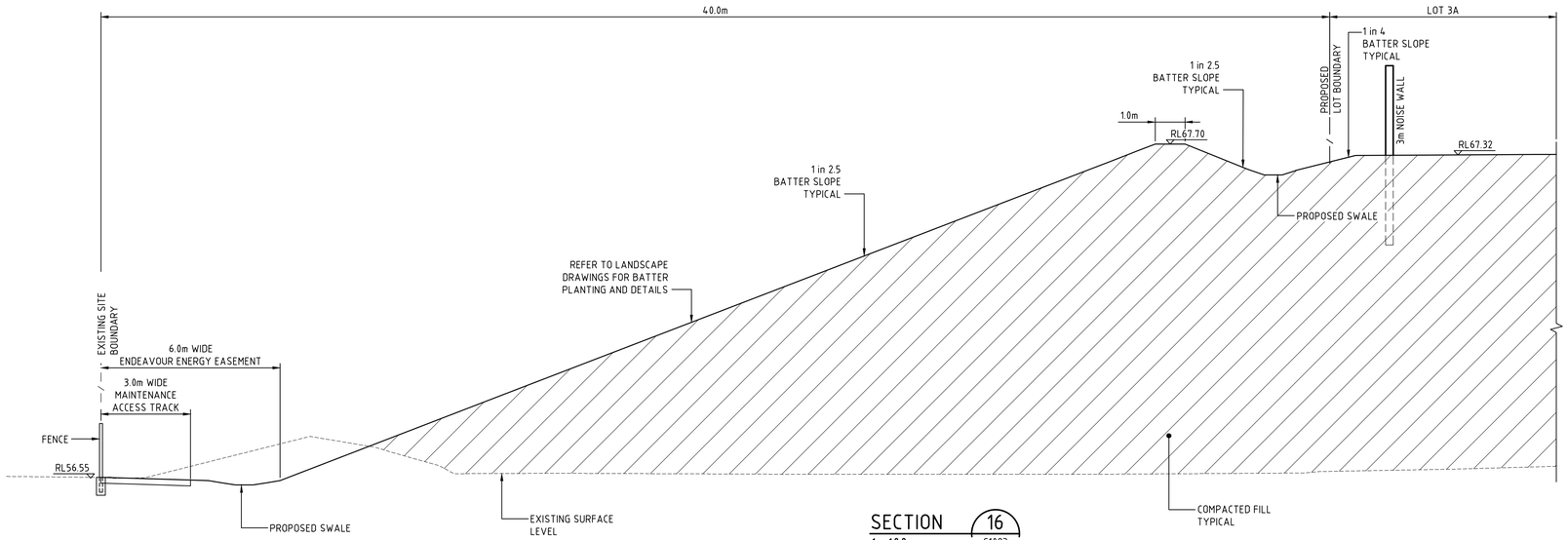
Client

Civil Engineers and Project Managers
at&l
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

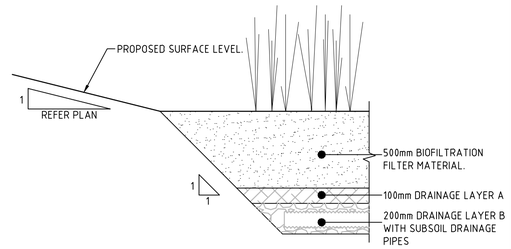
Project
PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title
TYPICAL SITE SECTIONS
SHEET 5 OF 6

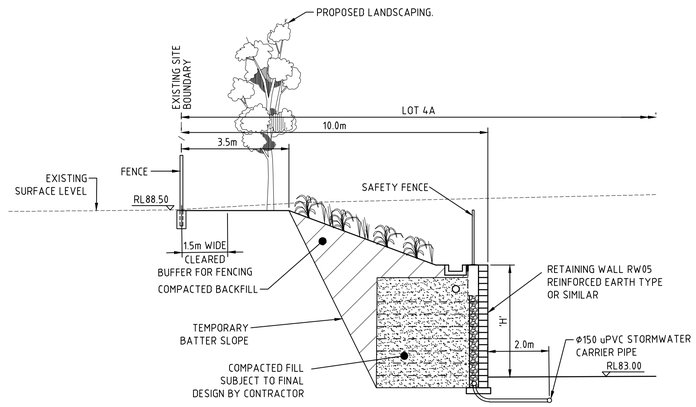
Drawing No.	Project No.	Issue
15-272-C1008	15-272	A8



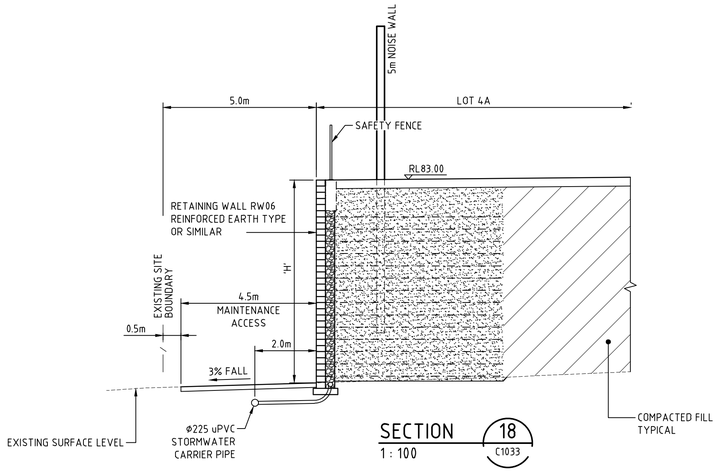
SECTION 16 (C1023)
1 : 100



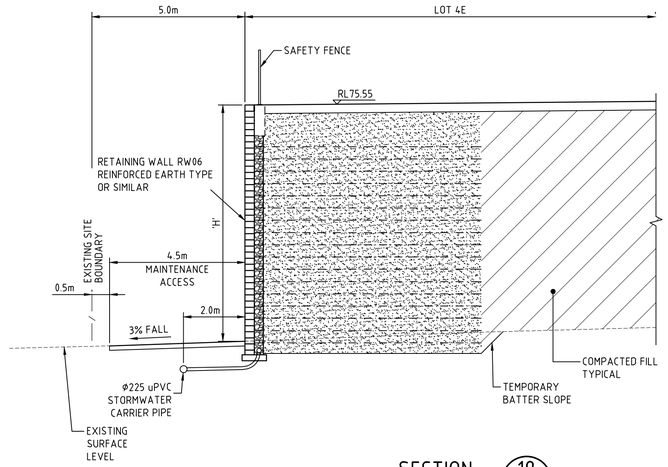
BASIN FILTER MEDIA DETAIL
SCALE 1:20



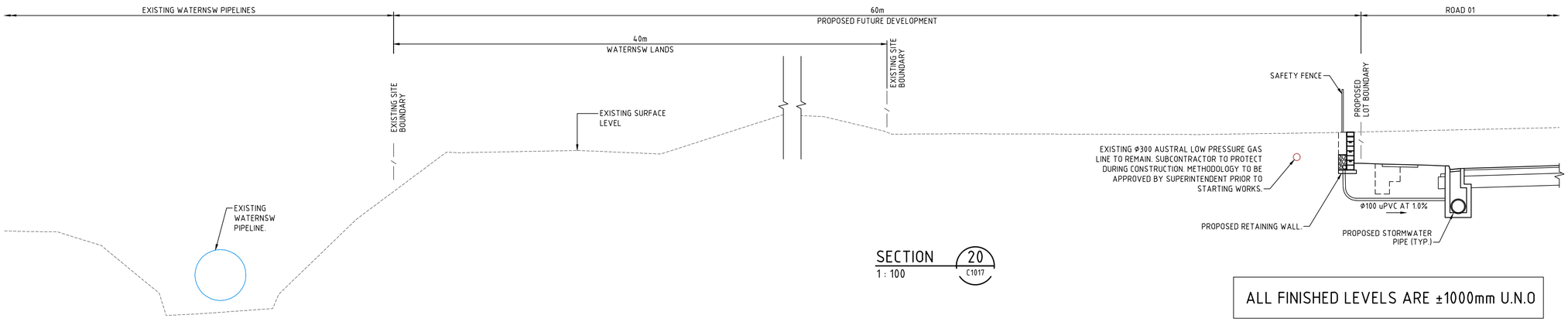
SECTION 17 (C1030 & C1033)
1 : 100



SECTION 18 (C1033)
1 : 100



SECTION 19 (C1034)
1 : 100



SECTION 20 (C1017)
1 : 100

ALL FINISHED LEVELS ARE ±1000mm U.N.O

Bar Scales
0 500 1000 1500mm
1 : 20 @ A1 1 : 40 @ A3
0 2 4 6 8
1 : 100 @ A1 1 : 200 @ A3

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A5	ISSUED FOR INFORMATION MOD 2	07-06-19
A3	ISSUED FOR SSD APPROVAL	21-09-18

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION
A1

Scales	AS SHOWN	15-272-C1009.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client
Goodman

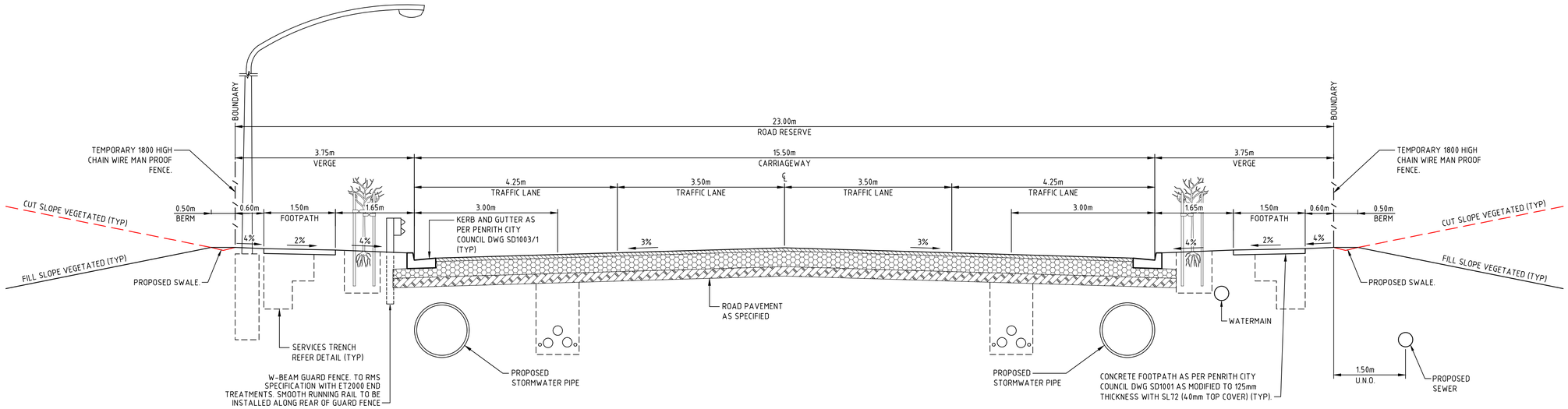
Civil Engineers and Project Managers
at&l
Level 7, 153 Walker Street
North Sydney NSW 2060
ABN 96 130 882 405
Tel: 02 9439 1777
Fax: 02 9923 1055
www.atl.net.au
info@atl.net.au

Project
PROPOSED INDUSTRIAL
DEVELOPMENT
OAKDALE WEST

Title
TYPICAL SITE
SECTIONS
SHEET 6 OF 6

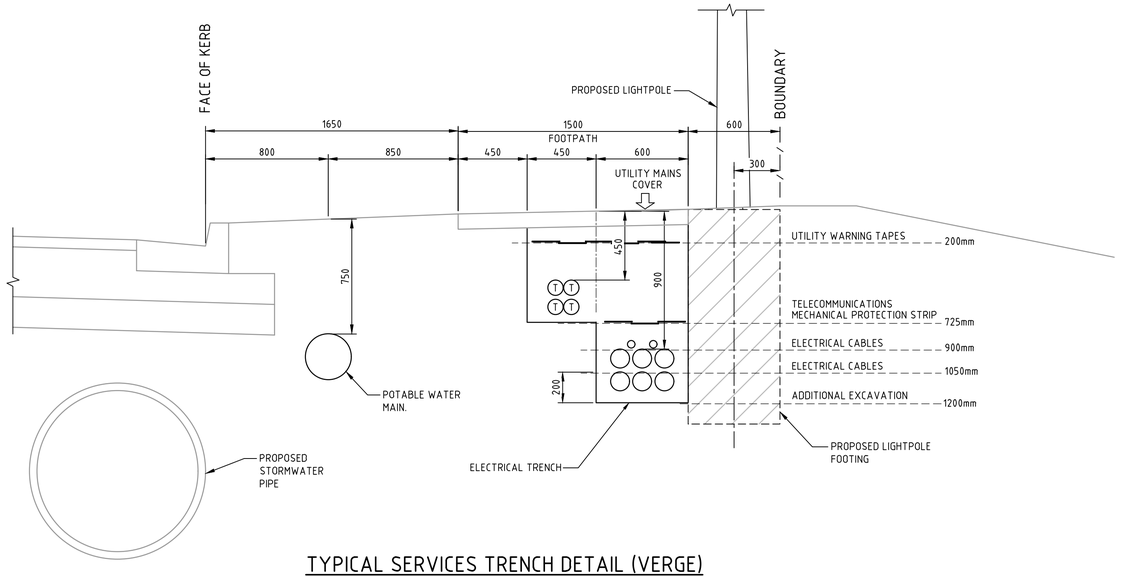
Drawing No.	Project No.	Issue
15-272-C1009	15-272	A9

100mm on Original



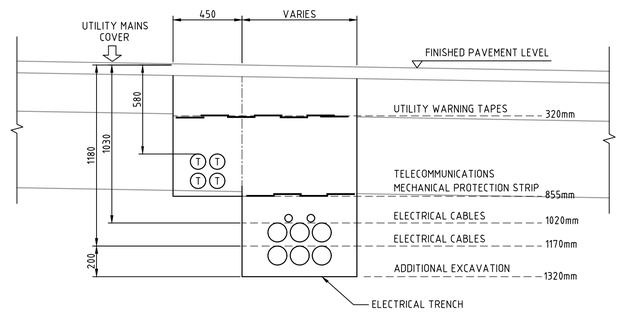
TYPICAL SECTION - ESTATE ROADS

SCALE 1:50



TYPICAL SERVICES TRENCH DETAIL (VERGE)

SCALE 1:20



TYPICAL SERVICES TRENCH DETAIL (ROAD CROSSING)

SCALE 1:20

Bar Scales

0 500 1000 1500
1 : 20 @ A1 1 : 40 @ A3

0 1 2 3 4
1 : 50 @ A1 1 : 100 @ A3

Issue	Description	Date
A8	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A7	ISSUED FOR INFORMATION MOD 3	19-11-19
A6	ISSUED FOR INFORMATION MOD 3	12-11-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19
A3	ISSUED FOR SSD APPROVAL	21-09-18

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION
A1

Scales	AS SHOWN	15-272-C1010.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

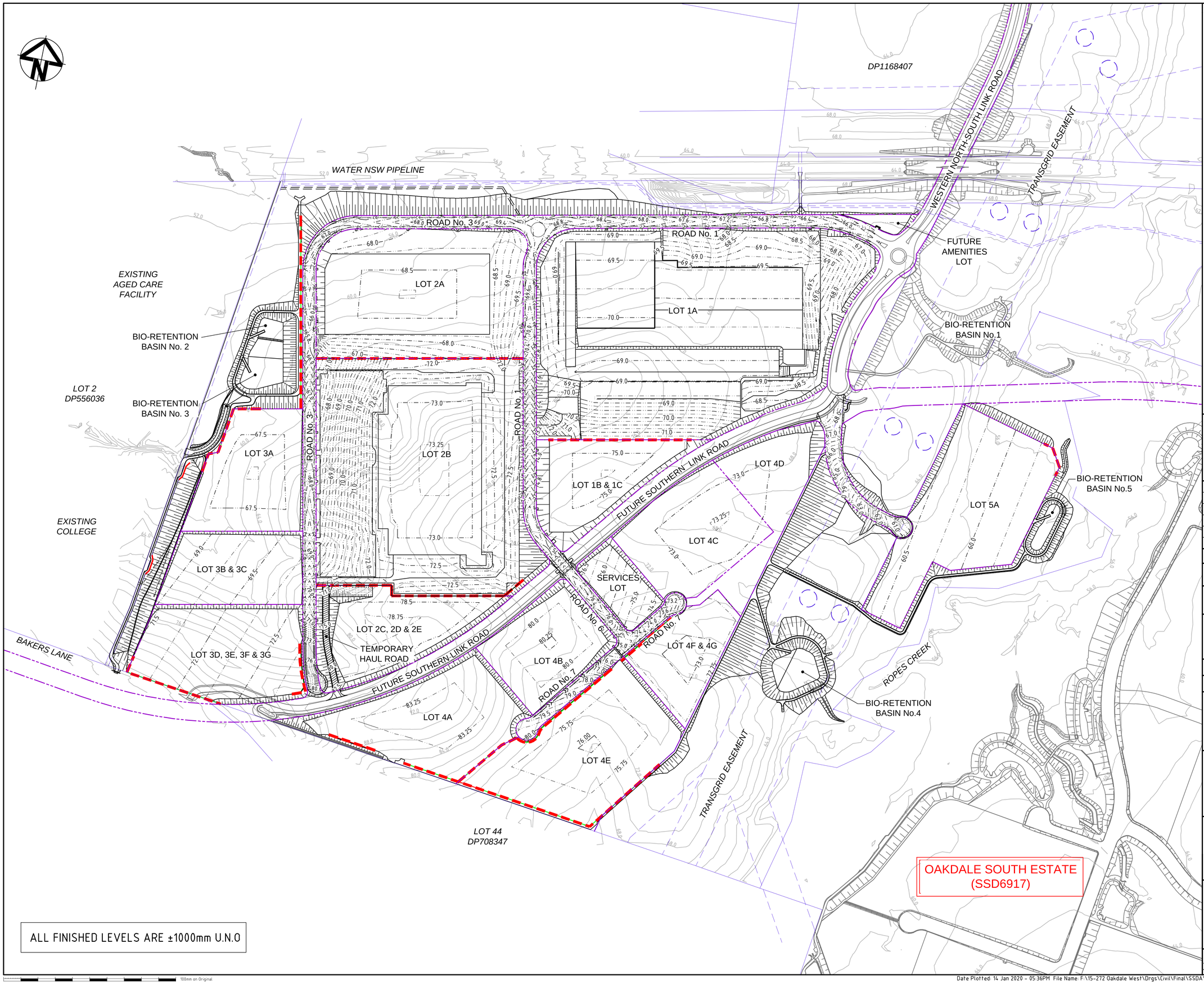
Civil Engineers and Project Managers
at&l
Level 7, 153 Walker Street
North Sydney NSW 2060
ABN 96 130 882 405
Tel: 02 9439 1777
Fax: 02 9923 1055
www.atl.net.au
info@atl.net.au

Project
PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title
TYPICAL ROAD SECTIONS

Drawing No.	Project No.	Issue
15-272-C1010	15-272	A8

100mm on Original



LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- PROPOSED BOUNDARY
- 65.0 EXISTING CONTOUR
- 65.0 PROPOSED BULK EARTHWORKS CONTOUR
- PROPOSED RETAINING WALL – STAGE 1

Bar Scales

0 50 100 150 200 250

1 : 3000 @ A1

Issue	Description	Date
A10	ISSUED FOR SSD APPROVAL MOD 3	14-01-20
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 3000	15-272-C1011.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

Goodman

Civil Engineers and Project Managers
at&l
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

Project
PROPOSED INDUSTRIAL DEVELOPMENT
OAKDALE WEST

Title
CONTOUR PLAN

Drawing No.	Project No.	Issue
15-272-C1011	15-272	A10

100mm on Original

Date Plotted: 14 Jan 2020 - 05:36PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1011.dwg V1

EARTHWORKS VOLUMES

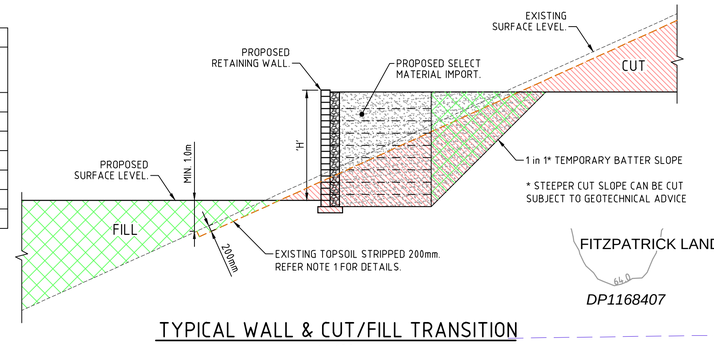
	A	B	C	D	E = A+B+C+D	F
PRECINCT	EXISTING TOPSOIL STRIPPING VOLUME (cu.m) REFER NOTE No.1	EXCAVATION OF EXISTING CREEKS AND DAMS (cu.m) REFER NOTE No.3	NET CUT (cu.m)	NET FILL (cu.m)	BALANCE (cu.m)	APPROXIMATE VOLUME OF SELECT MATERIAL IMPORT FOR RETAINING WALLS
1	-43,347	-27,007	-412,468	561,821	78,999	3,844
2	-33,394	-5,795	-1,129,837	892,682	-276,343	41,304
3	-12,361	-6,166	-108,546	447,377	320,304	28,616
4	-18,631	-17,896	-205,979	733,279	490,773	36,152
5	-4,516	-16,247	-2,974	172,957	149,220	836
WNSLR STOCKPILE	-	-	-	-83,332	-83,332	-
TOTAL	-112,249	-73,111	-1,859,804	2,724,785	679,620	110,752

EARTHWORKS CUT\FILL DEPTH RANGE LEGEND

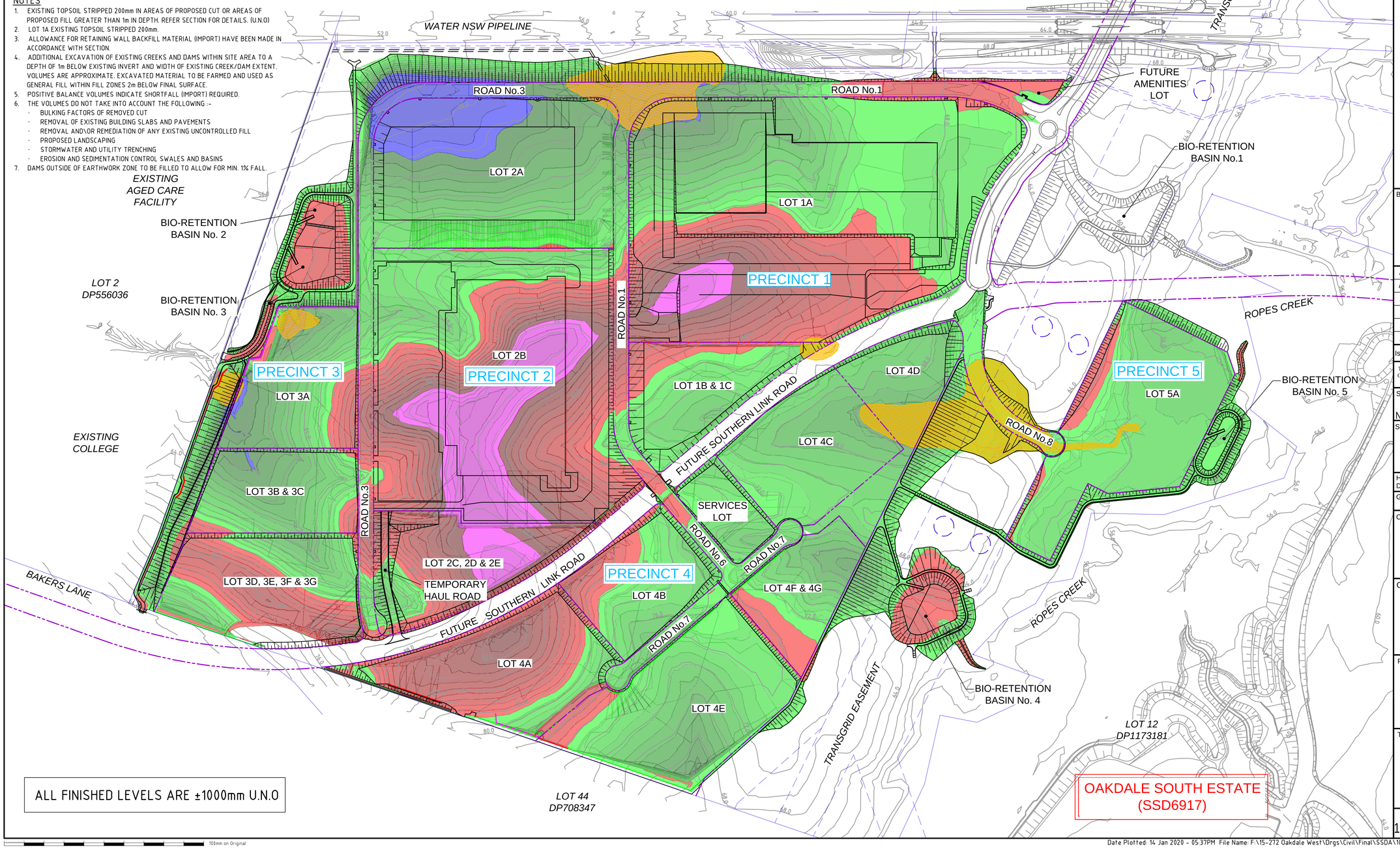
-17m to -16m	-11m to -10m	-6m to -5m	-1m to 0m	4m to 5m	9m to 10m
-15m to -14m	-10m to -9m	-5m to -4m	0m to 1m	5m to 6m	10m to 11m
-14m to -13m	-9m to -8m	-4m to -3m	1m to 2m	6m to 7m	11m to 12m
-13m to -12m	-8m to -7m	-3m to -2m	2m to 3m	7m to 8m	
-12m to -11m	-7m to -6m	-2m to -1m	3m to 4m	8m to 9m	

NOTES

1. EXISTING TOPSOIL STRIPPED 200mm IN AREAS OF PROPOSED CUT OR AREAS OF PROPOSED FILL GREATER THAN 1m IN DEPTH. REFER SECTION FOR DETAILS. (U.N.O)
2. LOT 1A EXISTING TOPSOIL STRIPPED 200mm.
3. ALLOWANCE FOR RETAINING WALL BACKFILL MATERIAL (IMPORT) HAVE BEEN MADE IN ACCORDANCE WITH SECTION.
4. ADDITIONAL EXCAVATION OF EXISTING CREEKS AND DAMS WITHIN SITE AREA TO A DEPTH OF 1m BELOW EXISTING INVERT AND WIDTH OF EXISTING CREEK/DAM EXTENT. VOLUMES ARE APPROXIMATE. EXCAVATED MATERIAL TO BE FARMED AND USED AS GENERAL FILL WITHIN FILL ZONES 2m BELOW FINAL SURFACE.
5. POSITIVE BALANCE VOLUMES INDICATE SHORTFALL (IMPORT) REQUIRED.
6. THE VOLUMES DO NOT TAKE INTO ACCOUNT THE FOLLOWING :-
   - BULKING FACTORS OF REMOVED CUT
   - REMOVAL OF EXISTING BUILDING SLABS AND PAVEMENTS
   - REMOVAL AND\OR REMEDIATION OF ANY EXISTING UNCONTROLLED FILL
   - PROPOSED LANDSCAPING
   - STORMWATER AND UTILITY TRENCHING
   - EROSION AND SEDIMENTATION CONTROL SWALES AND BASINS
7. DAMS OUTSIDE OF EARTHWORK ZONE TO BE FILLED TO ALLOW FOR MIN. 1% FALL.



TYPICAL WALL & CUT/FILL TRANSITION
1 : 100



ALL FINISHED LEVELS ARE ±1000mm U.N.O

LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- 60.0 EXISTING CONTOUR
- EXTENT OF EXCAVATION OF EXISTING CREEKS AND DAMS (REFER NOTE No.3)
- PROPOSED BOUNDARY
- BEL 70.25 AVERAGE BULK EARTHWORKS LEVEL

Bar Scales
0 2 4 6 8
1 : 100 @ A1
0 50 100 150 200 250
1 : 3000 @ A1

Issue	Description	Date
A11	ISSUED FOR SSD APPROVAL MOD 3	14-01-20
A10	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A9	ISSUED FOR INFORMATION MOD 3	19-11-19
A8	ISSUED FOR INFORMATION MOD 3	12-11-19
A7	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A6	ISSUED FOR SSD APPROVAL MOD 2	24-07-19

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

Status: MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION
A1

Scales	1 : 3000	15-272-C1014.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client: Goodman

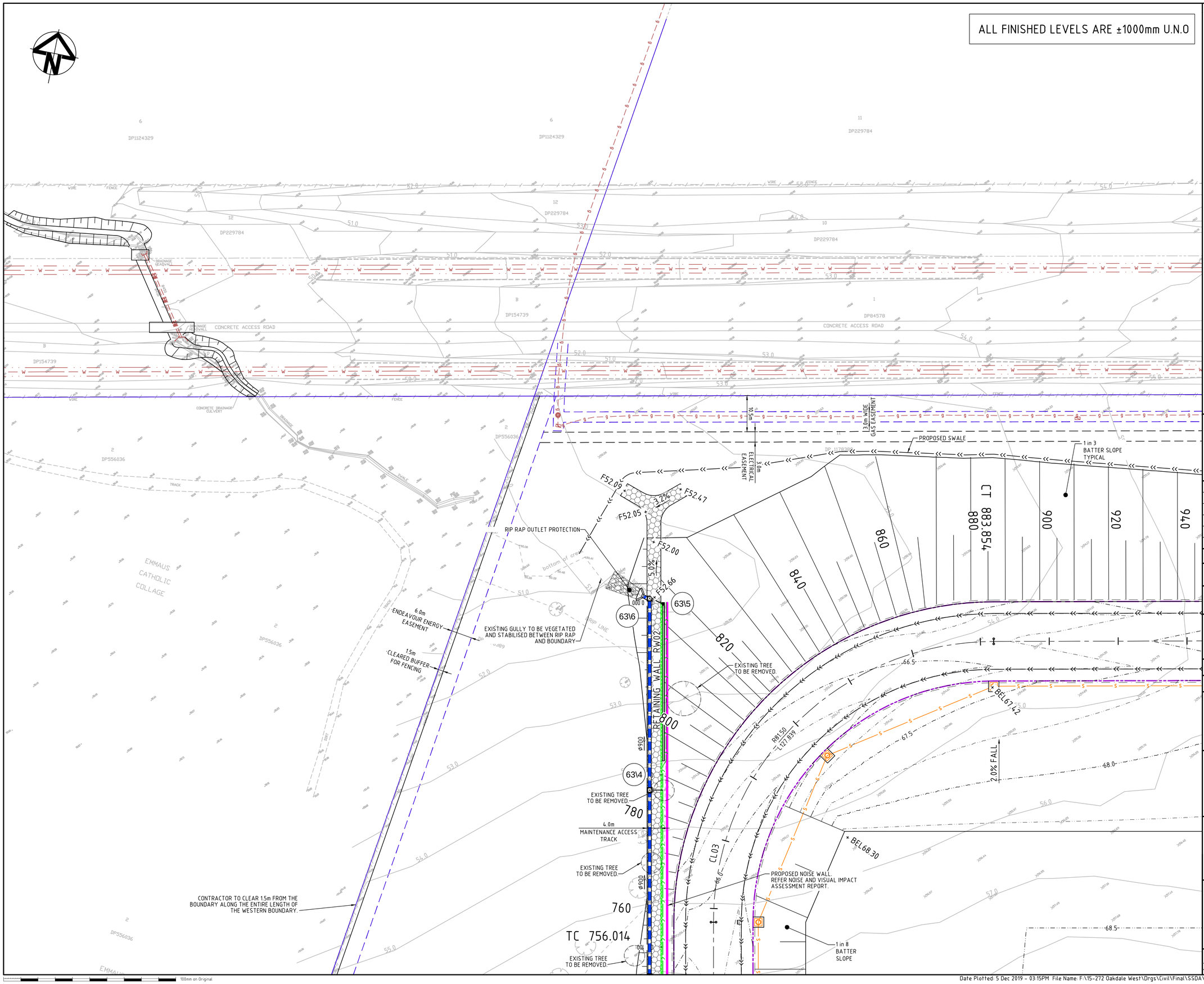
Civil Engineers and Project Managers
at&l
Level 7, 153 Walker Street
North Sydney NSW 2060
ABN 96 130 882 405
Tel: 02 9439 1777
Fax: 02 9923 1055
www.atl.net.au
info@atl.net.au

Project
PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

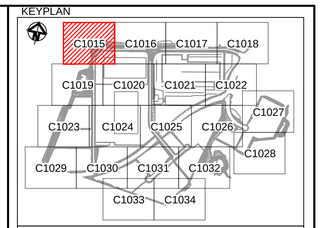
Title
BULK EARTHWORKS CUT\FILL PLAN

Drawing No.	Project No.	Issue
15-272-C1014	15-272	A11

ALL FINISHED LEVELS ARE ±1000mm U.N.O



KEYPLAN



LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- 60.0 EXISTING CONTOUR
- PROPOSED BOUNDARY
- PROPOSED EASEMENT
- 65.0 PROPOSED CONTOUR
- +BEL75.00 PROPOSED BULK EARTHWORKS LEVEL
- 375ø STORMWATER PIPE WITH SIZE
- KERB INLET PIT (REFER PCC DWG. SD2001 U.N.O.)
- SURFACE INLET PIT (REFER PCC DWG. SD2002 U.N.O)
- JUNCTION PIT (REFER PCC DWG. SD2002 U.N.O)
- HEADWALL
- 3\1 PROPOSED STORMWATER PIT NUMBER
- SWALE
- SUBSOIL
- PROPOSED RETAINING WALL- FILL
- PROPOSED RETAINING WALL - CUT
- PROPOSED NOISE WALL
- FUTURE RETAINING WALL
- S PROPOSED SEWER
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- RIP-RAP SCOUR PROTECTION ON GEOTEXTILE FABRIC
- ROCK FILLED RENO MATTRESS ON GEOTEXTILE FABRIC

Bar Scales

0 10 20 30 40

1 : 500 @ A1 1 : 1000 @ A3

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status: MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 500	15-272-C1015.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client: Goodman

Civil Engineers and Project Managers
at&l
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

Project
PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title
EARTHWORKS AND STORMWATER DRAINAGE PLAN
SHEET 1 OF 20

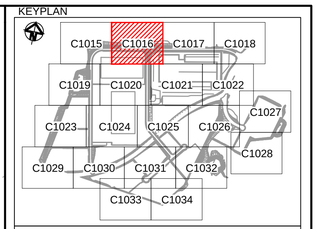
Drawing No.	Project No.	Issue
15-272-C1015	15-272	A9

100mm on Original

Date Plotted: 5 Dec 2019 - 03:15PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1015.dwg V1

ALL FINISHED LEVELS ARE ±1000mm U.N.O

KEYPLAN



LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- 60.0 EXISTING CONTOUR
- PROPOSED BOUNDARY
- PROPOSED EASEMENT
- 65.0 PROPOSED CONTOUR
- +BEL75.00 PROPOSED BULK EARTHWORKS LEVEL
- 375ø STORMWATER PIPE WITH SIZE
- KERB INLET PIT (REFER PCC DWG. SD2001 U.N.O.)
- SURFACE INLET PIT (REFER PCC DWG. SD2002 U.N.O)
- JUNCTION PIT (REFER PCC DWG. SD2002 U.N.O)
- HEADWALL
- 3\1 PROPOSED STORMWATER PIT NUMBER
- SWALE
- SUBSOIL
- PROPOSED RETAINING WALL- FILL
- PROPOSED RETAINING WALL - CUT
- PROPOSED NOISE WALL
- FUTURE RETAINING WALL
- S PROPOSED SEWER
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- RIP-RAP SCOUR PROTECTION ON GEOTEXTILE FABRIC
- ROCK FILLED RENO MATTRESS ON GEOTEXTILE FABRIC

Bar Scales

0 10 20 30 40

1 : 500 @ A1 1 : 1000 @ A3

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 500	15-272-C1016.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

Goodman

Civil Engineers and Project Managers

at&l
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

Project

PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title

EARTHWORKS AND STORMWATER DRAINAGE PLAN
SHEET 2 OF 20

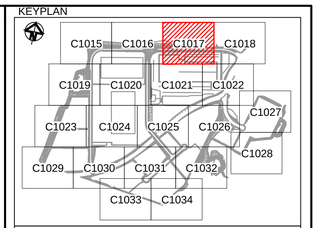
Drawing No.	Project No.	Issue
15-272-C1016	15-272	A9

100mm on Original

Date Plotted: 5 Dec 2019 - 03:15PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1016.dwg V1

ALL FINISHED LEVELS ARE ±1000mm U.N.O

KEYPLAN



LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- 60.0 EXISTING CONTOUR
- PROPOSED BOUNDARY
- PROPOSED EASEMENT
- 65.0 PROPOSED CONTOUR
- +BEL75.00 PROPOSED BULK EARTHWORKS LEVEL
- 375ø STORMWATER PIPE WITH SIZE
- KERB INLET PIT (REFER PCC DWG. SD2001 U.N.O.)
- SURFACE INLET PIT (REFER PCC DWG. SD2002 U.N.O)
- JUNCTION PIT (REFER PCC DWG. SD2002 U.N.O)
- HEADWALL
- 3\1 PROPOSED STORMWATER PIT NUMBER
- SWALE
- SUBSOIL
- PROPOSED RETAINING WALL- FILL
- PROPOSED RETAINING WALL - CUT
- PROPOSED NOISE WALL
- FUTURE RETAINING WALL
- S PROPOSED SEWER
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- RIP-RAP SCOUR PROTECTION ON GEOTEXTILE FABRIC
- ROCK FILLED RENO MATTRESS ON GEOTEXTILE FABRIC

Bar Scales

0 10 20 30 40

1 : 500 @ A1 1 : 1000 @ A3

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status: MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

15-272-C1017.dwg

Scales	1 : 500	Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client: Goodman

Civil Engineers and Project Managers
at&l
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

Project
PROPOSED INDUSTRIAL DEVELOPMENT
OAKDALE WEST

Title
EARTHWORKS AND STORMWATER DRAINAGE PLAN
SHEET 3 OF 20

Drawing No.	Project No.	Issue
15-272-C1017	15-272	A9

12 C1007

20 C1009

CONCRETE ACCESS ROAD

BITUMEN ACCESS ROAD

1 in 3 BATTER SLOPE TYPICAL

PROPOSED SWALE

EXISTING Ø300 AUSTRAL LOW PRESSURE GAS LINE TO REMAIN. SUBCONTRACTOR TO PROTECT DURING CONSTRUCTION. METHODOLOGY TO BE APPROVED BY SUPERINTENDENT PRIOR TO STARTING WORKS.

1 in 3 CUT SLOPE TYPICAL

RETAINING WALL RW15

CL01

78°35'35"
L406.851

SWALE TYPE 2.
REFER DRAWING C4031 FOR DETAILS.

1 in 4 BATTER SLOPE TYPICAL

1 in 5 BATTER SLOPE TYPICAL

1 in 10 BATTER SLOPE TYPICAL

BEL68.82 BEL69.07 BEL67.92 BEL67.37 BEL68.60 BEL69.34 BEL69.37 BEL69.69 BEL69.49 BEL69.53 BEL69.73

2.8% FALL 2.0% FALL 2.9% FALL 1.0% FALL 0.5% FALL 3.2% FALL 1.5% FALL 2.0% FALL

ALL FINISHED LEVELS ARE ±1000mm U.N.O

EXISTING Φ300 AUSTRAL LOW PRESSURE GAS LINE TO REMAIN. SUBCONTRACTOR TO PROTECT DURING CONSTRUCTION. METHODOLOGY TO BE APPROVED BY SUPERINTENDENT PRIOR TO STARTING WORKS.

PROPOSED SWALE

1 in 3 CUT SLOPE TYPICAL

PROPOSED SWALE

PROPOSED SWALE

+ BEL65.84

BEL65.82 +

+ BEL65.64

0.5% FALL

R220.00
L148.362

LIMIT OF WORKS

BEL68.05 +

BEL67.78 +

BEL66.34 +

BEL66.27 +

7.0% FALL

+ BEL67.13

0.6% FALL

BEL66.89 +

0.6% FALL

+ BEL67.45

2.6% FALL

+ BEL68.19

3.5% FALL

BEL66.61 +

BEL66.49 +

8.0%

SWALE TYPE 1
REFER DRAWING C4031 FOR DETAILS.

BEL66.57 +

+ BEL69.73

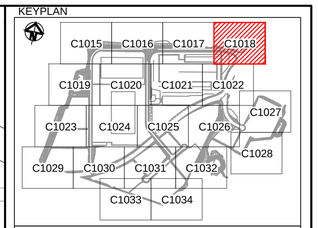
BEL69.73 +

0.5% FALL

+ BEL69.71

4.0% FALL

KEYPLAN



LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- 60.0 EXISTING CONTOUR
- PROPOSED BOUNDARY
- PROPOSED EASEMENT
- 65.0 PROPOSED CONTOUR
- +BEL75.00 PROPOSED BULK EARTHWORKS LEVEL
- 375Φ STORMWATER PIPE WITH SIZE
- KERB INLET PIT (REFER PCC DWG. SD2001 U.N.O.)
- SURFACE INLET PIT (REFER PCC DWG. SD2002 U.N.O)
- JUNCTION PIT (REFER PCC DWG. SD2002 U.N.O)
- HEADWALL
- 3\1 PROPOSED STORMWATER PIT NUMBER
- SWALE
- SUBSOIL
- PROPOSED RETAINING WALL- FILL
- PROPOSED RETAINING WALL - CUT
- PROPOSED NOISE WALL
- FUTURE RETAINING WALL
- S PROPOSED SEWER
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- RIP-RAP SCOUR PROTECTION ON GEOTEXTILE FABRIC
- ROCK FILLED RENO MATTRESS ON GEOTEXTILE FABRIC

Bar Scales

0 10 20 30 40

1 : 500 @ A1 1 : 1000 @ A3

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 500	15-272-C1018.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

Goodman

Civil Engineers and Project Managers

at&l
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

Project

PROPOSED INDUSTRIAL DEVELOPMENT
OAKDALE WEST

Title

EARTHWORKS AND STORMWATER DRAINAGE PLAN
SHEET 4 OF 20

Drawing No.	Project No.	Issue
15-272-C1018	15-272	A9

ALL FINISHED LEVELS ARE ±1000mm U.N.O

BIO-RETENTION BASIN No.2
REFER DRAWING C1080-C1081 FOR DETAILS
BEL 60.00

BIO-RETENTION BASIN No.3
REFER DRAWING C1080-C1081 FOR DETAILS
BEL 60.00

4.0m MAINTENANCE ACCESS TRACK

RIP RAP OUTLET PROTECTION

PROPOSED NOISE WALL. REFER NOISE AND VISUAL IMPACT ASSESSMENT REPORT.

1 in 6 BATTER SLOPE

6.0m WIDE ENDEAVOUR ENERGY EASEMENT

1.5m WIDE CLEARED BUFFER FOR FENCING

RIP RAP ENERGY DISSIPATER

PROPOSED SWALE

RETAINING WALL RW02

RETAINING WALL RW03

RETAINING WALL RW09

4.5% FALL

2.4% FALL

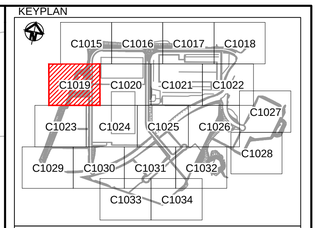
1.0% FALL

4.1% FALL

1 in 4 SLOPE TYPICAL

SAG 621.131

KEYPLAN



LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- EXISTING CONTOUR
- PROPOSED BOUNDARY
- PROPOSED EASEMENT
- PROPOSED CONTOUR
- PROPOSED BULK EARTHWORKS LEVEL
- STORMWATER PIPE WITH SIZE
- KERB INLET PIT (REFER PCC DWG. SD2001 U.N.O.)
- SURFACE INLET PIT (REFER PCC DWG. SD2002 U.N.O)
- JUNCTION PIT (REFER PCC DWG. SD2002 U.N.O)
- HEADWALL
- PROPOSED STORMWATER PIT NUMBER
- SWALE
- SUBSOIL
- PROPOSED RETAINING WALL- FILL
- PROPOSED RETAINING WALL - CUT
- PROPOSED NOISE WALL
- FUTURE RETAINING WALL
- PROPOSED SEWER
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- RIP-RAP SCOUR PROTECTION ON GEOTEXTILE FABRIC
- ROCK FILLED RENO MATTRESS ON GEOTEXTILE FABRIC

Bar Scales

1 : 500 @ A1 1 : 1000 @ A3

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status: MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION — A1

Scales	1 : 500	15-272-C1019.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

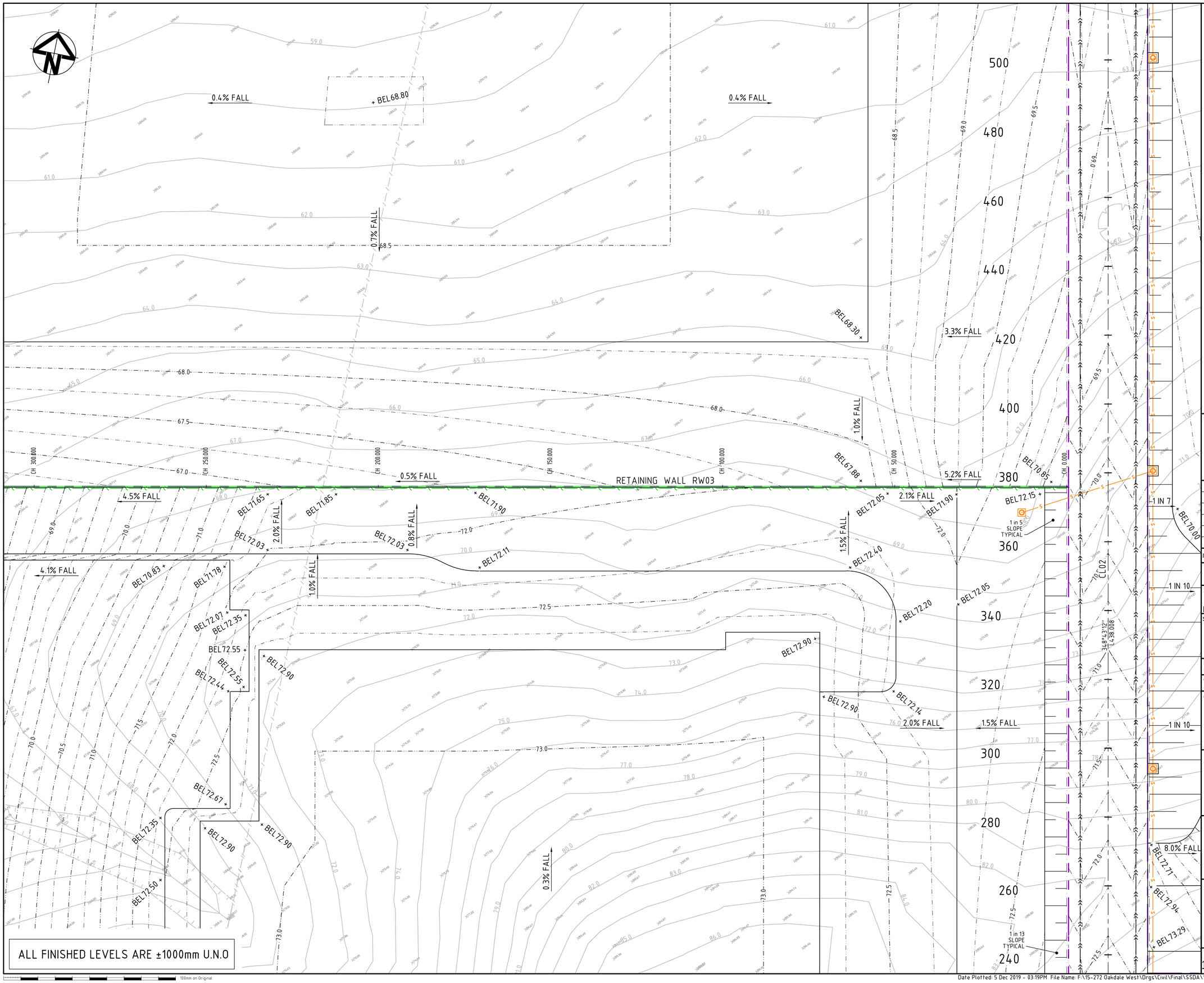
Client: Goodman

Civil Engineers and Project Managers
at&l
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

Project: PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title: EARTHWORKS AND STORMWATER DRAINAGE PLAN SHEET 5 OF 20

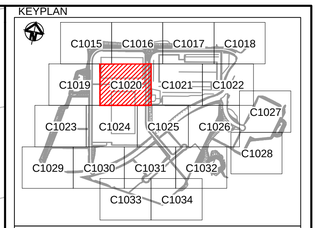
Drawing No.	Project No.	Issue
15-272-C1019	15-272	A9



ALL FINISHED LEVELS ARE ±1000mm U.N.O

100mm on Original

KEYPLAN



LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- 60.0 EXISTING CONTOUR
- PROPOSED BOUNDARY
- PROPOSED EASEMENT
- 65.0 PROPOSED CONTOUR
- +BEL75.00 PROPOSED BULK EARTHWORKS LEVEL
- 375ø STORMWATER PIPE WITH SIZE
- KERB INLET PIT (REFER PCC DWG. SD2001 U.N.O.)
- SURFACE INLET PIT (REFER PCC DWG. SD2002 U.N.O)
- JUNCTION PIT (REFER PCC DWG. SD2002 U.N.O)
- HEADWALL
- 3\1 PROPOSED STORMWATER PIT NUMBER
- SWALE
- SUBSOIL
- PROPOSED RETAINING WALL- FILL
- PROPOSED RETAINING WALL - CUT
- PROPOSED NOISE WALL
- FUTURE RETAINING WALL
- S PROPOSED SEWER
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- RIP-RAP SCOUR PROTECTION ON GEOTEXTILE FABRIC
- ROCK FILLED RENO MATTRESS ON GEOTEXTILE FABRIC

Bar Scales

0 10 20 30 40

1 : 500 @ A1 1 : 1000 @ A3

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION
A1

Scales	1 : 500	15-272-C1020.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

Goodman

Civil Engineers and Project Managers
at&l
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

Project
PROPOSED INDUSTRIAL DEVELOPMENT
OAKDALE WEST

Title
EARTHWORKS AND STORMWATER DRAINAGE PLAN
SHEET 6 OF 20

Drawing No.	Project No.	Issue
15-272-C1020	15-272	A9

Date Plotted: 5 Dec 2019 - 03:19PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1020.dwg V1

ALL FINISHED LEVELS ARE ±1000mm U.N.O

1 in 10 BATTER SLOPE TYPICAL
1 in 5 BATTER SLOPE TYPICAL
1 in 10 BATTER SLOPE TYPICAL
1 in 4 BATTER SLOPE TYPICAL
1 in 4 BATTER SLOPE TYPICAL
1 in 3 BATTER SLOPE TYPICAL

BEL70.10
BEL70.09
BEL70.09
BEL70.26
BEL70.26
BEL69.45
BEL69.36
BEL70.42
BEL68.99
BEL69.11
BEL69.20
BEL69.20
BEL69.25
BEL69.05
BEL69.00
BEL68.80
BEL69.70
BEL69.01
BEL69.09
BEL69.01
BEL70.08
BEL70.40
BEL68.98
BEL68.70
BEL68.70
BEL68.64
BEL70.48
BEL70.40
BEL70.40
BEL69.77
BEL71.16
BEL71.22
BEL70.79
BEL71.50
BEL71.50

2.9% FALL
2.8% FALL
1.4% FALL
0.5% FALL
0.5% FALL
0.5% FALL
0.5% FALL
0.5% FALL
0.5% FALL
1.0% FALL
1.0% FALL
1.0% FALL
1.0% FALL
1.0% FALL
1.0% FALL
1.2% FALL
1.2% FALL
1.2% FALL
5.0% FALL
2.0% FALL
4.0% FALL
4.0% FALL
4.0% FALL
0.9% FALL
4.4% FALL
3.5% FALL

1 IN 6
1 IN 10

LINEWORK IN 'GREEN' DENOTES FUTURE SOUTHERN LINK ROAD AND DOES NOT FORM PART OF THIS APPLICATION

SUBSURFACE DRAINAGE TO OUTLET AT 50m CENTRES ABOVE LOT 1A BULK EARTHWORKS SURFACE LEVEL. LOT 1A ONLOT CONTRACTOR TO PROVIDE STORMWATER DRAINAGE NETWORK TO CONNECT SUBSURFACE DRAINAGE.

RETAINING WALL RW20

KEYPLAN

C1015 C1016 C1017 C1018 C1019 C1020 C1021 C1022 C1023 C1024 C1025 C1026 C1027 C1028 C1029 C1030 C1031 C1032 C1033 C1034

LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- 60.0 EXISTING CONTOUR
- PROPOSED BOUNDARY
- PROPOSED EASEMENT
- 65.0 PROPOSED CONTOUR
- +BEL75.00 PROPOSED BULK EARTHWORKS LEVEL
- 375ø STORMWATER PIPE WITH SIZE
- KERB INLET PIT (REFER PCC DWG. SD2001 U.N.O.)
- SURFACE INLET PIT (REFER PCC DWG. SD2002 U.N.O)
- JUNCTION PIT (REFER PCC DWG. SD2002 U.N.O)
- HEADWALL
- 3\1 PROPOSED STORMWATER PIT NUMBER
- SWALE
- SUBSOIL
- PROPOSED RETAINING WALL- FILL
- PROPOSED RETAINING WALL - CUT
- PROPOSED NOISE WALL
- FUTURE RETAINING WALL
- S PROPOSED SEWER
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- RIP-RAP SCOUR PROTECTION ON GEOTEXTILE FABRIC
- ROCK FILLED RENO MATTRESS ON GEOTEXTILE FABRIC

Bar Scales

0 10 20 30 40

1 : 500 @ A1 1 : 1000 @ A3

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19

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&I.

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 500	15-272-C1021.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

Goodman

Civil Engineers and Project Managers
at&l
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

Project
PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title
EARTHWORKS AND STORMWATER DRAINAGE PLAN
SHEET 7 OF 20

Drawing No.	Project No.	Issue
15-272-C1021	15-272	A9

100mm on Original

Date Plotted: 5 Dec 2019 - 03:20PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1021.dwg V1

ALL FINISHED LEVELS ARE ±1000mm U.N.O

LINEWORK IN 'GREEN' DENOTES FUTURE SOUTHERN LINK ROAD AND DOES NOT FORM PART OF THIS APPLICATION

TRANSGRID EASEMENT

TRANSGRID EASEMENT

0.5% FALL

3.4% FALL

5.0% FALL

0.5% FALL

5.0% FALL

1 in 4 BATTER SLOPE TYPICAL

1 in 4 BATTER SLOPE TYPICAL

1 in 4 BATTER SLOPE TYPICAL

1 in 3 BATTER SLOPE TYPICAL

1.0% FALL

1.0% FALL

8.0%

6.0%

2.8%

3.0%

2.9% FALL

5.0%

BEL70.10 BEL68.88 BEL68.41 BEL68.11 BEL68.51 BEL68.14 BEL67.96 BEL67.90 BEL67.77 BEL67.70 BEL67.72 BEL67.30 BEL66.98 BEL67.63 BEL70.42 BEL70.42 BEL70.40 BEL69.05 BEL70.50 BEL70.50 BEL70.50 BEL70.50 BEL70.30 BEL70.04 BEL69.20 BEL68.90 BEL68.80 BEL69.10 BEL70.30 BEL70.30 BEL70.30 BEL70.10 BEL68.22 BEL67.98 BEL69.04 BEL69.04 BEL69.04 BEL69.04 BEL68.21 BEL68.13 BEL68.40 BEL68.30 BEL68.28 BEL68.35 BEL68.65 BEL68.83 BEL68.83 BEL68.83 BEL68.42 BEL72.80

2420 2440 2460 2480 2500 2520 2540 2560 2580 2600 2620 2640 2660 2680 2700 2720 2740

CT 2680.879

CREST 6.108 0.000

CREST 6.115 0.000

TC 60.249

TC 63.683

MC01 R750.45 L504.116

MC08 MC08B

ø750

L67.47 L63.68 (172°42'2")

1 in 3

1 in 4

KEYPLAN

C1015 C1016 C1017 C1018 C1019 C1020 C1021 C1022 C1023 C1024 C1025 C1026 C1027 C1028 C1029 C1030 C1031 C1032 C1033 C1034

LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- 60.0 EXISTING CONTOUR
- PROPOSED BOUNDARY
- PROPOSED EASEMENT
- 65.0 PROPOSED CONTOUR
- +BEL75.00 PROPOSED BULK EARTHWORKS LEVEL
- 375ø STORMWATER PIPE WITH SIZE
- KERB INLET PIT (REFER PCC DWG. SD2001 U.N.O.)
- SURFACE INLET PIT (REFER PCC DWG. SD2002 U.N.O)
- JUNCTION PIT (REFER PCC DWG. SD2002 U.N.O)
- HEADWALL
- 3\1 PROPOSED STORMWATER PIT NUMBER
- SWALE
- SUBSOIL
- PROPOSED RETAINING WALL- FILL
- PROPOSED RETAINING WALL - CUT
- PROPOSED NOISE WALL
- FUTURE RETAINING WALL
- S PROPOSED SEWER
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- RIP-RAP SCOUR PROTECTION ON GEOTEXTILE FABRIC
- ROCK FILLED RENO MATTRESS ON GEOTEXTILE FABRIC

Bar Scales

0 10 20 30 40

1 : 500 @ A1 1 : 1000 @ A3

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status: MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 500	15-272-C1022.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client: Goodman

Civil Engineers and Project Managers
at&l
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

Project
PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title
EARTHWORKS AND STORMWATER DRAINAGE PLAN
SHEET 8 OF 20

Drawing No.	Project No.	Issue
15-272-C1022	15-272	A9

100mm on Original

Date Plotted: 5 Dec 2019 - 03:20PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1022.dwg V1

ALL FINISHED LEVELS ARE ±1000mm U.N.O

JUTE MAT AND PLANTING TO LANDSCAPE ARCHITECTS SPECIFICATION.

PROVIDE TAILOUT DRAIN FOR WALL SUBSURFACE DRAINAGE

RETAINING WALL RW09

PROPOSED SWALE

BEL67.30

CONSTRUCT RENO MATTRESS

PROVIDE TAILOUT DRAIN FOR WALL SUBSURFACE DRAINAGE

3.0m WIDE CONCRETE APRON

RL66.41

RL67.00

RETAINING WALL RW18

PROPOSED RETAINING WALL

16
C1009

1 in 2.5 BATTER SLOPE TYPICAL

1 in 2.5 BATTER SLOPE TYPICAL

6.0m WIDE ENDEAVOUR ENERGY EASEMENT

3.0m

0.5% FALL

0.5% FALL

0.5% FALL

0.5% FALL

BEL67.80

1 in 4 BATTER SLOPE TYPICAL

PROPOSED SWALE

PROPOSED SWALE

PROPOSED NOISE WALL. REFER NOISE AND VISUAL IMPACT ASSESSMENT REPORT.

RL67.70

BEL67.30

RL69.64

BEL68.81

1 in 3 SLOPE TYPICAL

13%

PROPOSED RETAINING WALL

RETAINING WALL RW17

1 in 2.5 BATTER SLOPE TYPICAL

1 in 2.5 BATTER SLOPE TYPICAL

BEL69.00

EMMAUS CATHOLIC COLLAGE

DEMOUNTABLE BUILDING

METAL SHED

BRICK BUILDING

DP556036

DP 178389

KEYPLAN

C1015 C1016 C1017 C1018 C1019 C1020 C1021 C1022 C1023 C1024 C1025 C1026 C1027 C1028 C1029 C1030 C1031 C1032 C1033 C1034

LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- 60.0 EXISTING CONTOUR
- PROPOSED BOUNDARY
- PROPOSED EASEMENT
- 65.0 PROPOSED CONTOUR
- +BEL75.00 PROPOSED BULK EARTHWORKS LEVEL
- 375ø STORMWATER PIPE WITH SIZE
- KERB INLET PIT (REFER PCC DWG. SD2001 U.N.O.)
- SURFACE INLET PIT (REFER PCC DWG. SD2002 U.N.O)
- JUNCTION PIT (REFER PCC DWG. SD2002 U.N.O)
- HEADWALL
- 3\1 PROPOSED STORMWATER PIT NUMBER
- SWALE
- SUBSOIL
- PROPOSED RETAINING WALL- FILL
- PROPOSED RETAINING WALL - CUT
- PROPOSED NOISE WALL
- FUTURE RETAINING WALL
- S PROPOSED SEWER
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- RIP-RAP SCOUR PROTECTION ON GEOTEXTILE FABRIC
- ROCK FILLED RENO MATTRESS ON GEOTEXTILE FABRIC

Bar Scales

0 10 20 30 40

1 : 500 @ A1 1 : 1000 @ A3

Issue	Description	Date
A10	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A9	ISSUED FOR INFORMATION MOD 3	29-11-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 500	15-272-C1023.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

Goodman

Civil Engineers and Project Managers

at&l

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

Project

PROPOSED INDUSTRIAL DEVELOPMENT
OAKDALE WEST

Title

EARTHWORKS AND STORMWATER DRAINAGE PLAN
SHEET 9 OF 20

Drawing No.	Project No.	Issue
15-272-C1023	15-272	A10

100mm on Original

Date Plotted: 5 Dec 2019 - 03:52PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1023.dwg V1

ALL FINISHED LEVELS ARE ±1000mm U.N.O

5.0% FALL
0.5% FALL
0.6% FALL
0.3% FALL
4.3% FALL
2.2% FALL
3.1% FALL
1.0% FALL
1.0% FALL
9.4% FALL
6.0% FALL
9.0% FALL
2.1% FALL
3.3% FALL
3.2% FALL
3.3% FALL
4.0% FALL

RETAINING WALL RW10
RETAINING WALL RW10
FUTURE RETAINING WALL
PROPOSED TEMPORARY HAUL ROAD TO FACILITATE CONSTRUCTION ACCESS TO BUILDING 2B

1 in 4 SLOPE TYPICAL
1 in 8

CL03
348°43'12" L664.775

KEYPLAN

C1015 C1016 C1017 C1018 C1019 C1020 C1021 C1022 C1023 C1024 C1025 C1026 C1027 C1028 C1029 C1030 C1031 C1032 C1033 C1034

LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- 60.0 EXISTING CONTOUR
- PROPOSED BOUNDARY
- PROPOSED EASEMENT
- 65.0 PROPOSED CONTOUR
- +BEL75.00 PROPOSED BULK EARTHWORKS LEVEL
- 375ø STORMWATER PIPE WITH SIZE
- KERB INLET PIT (REFER PCC DWG. SD2001 U.N.O.)
- SURFACE INLET PIT (REFER PCC DWG. SD2002 U.N.O)
- JUNCTION PIT (REFER PCC DWG. SD2002 U.N.O)
- HEADWALL
- 3\1 PROPOSED STORMWATER PIT NUMBER
- SWALE
- SUBSOIL
- PROPOSED RETAINING WALL- FILL
- PROPOSED RETAINING WALL - CUT
- PROPOSED NOISE WALL
- FUTURE RETAINING WALL
- S PROPOSED SEWER
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- RIP-RAP SCOUR PROTECTION ON GEOTEXTILE FABRIC
- ROCK FILLED RENO MATTRESS ON GEOTEXTILE FABRIC

Bar Scales

0 10 20 30 40

1 : 500 @ A1 1 : 1000 @ A3

Issue	Description	Date
A10	ISSUED FOR SSD APPROVAL MOD 3	14-01-20
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION
A1

Scales	1 : 500	15-272-C1024.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

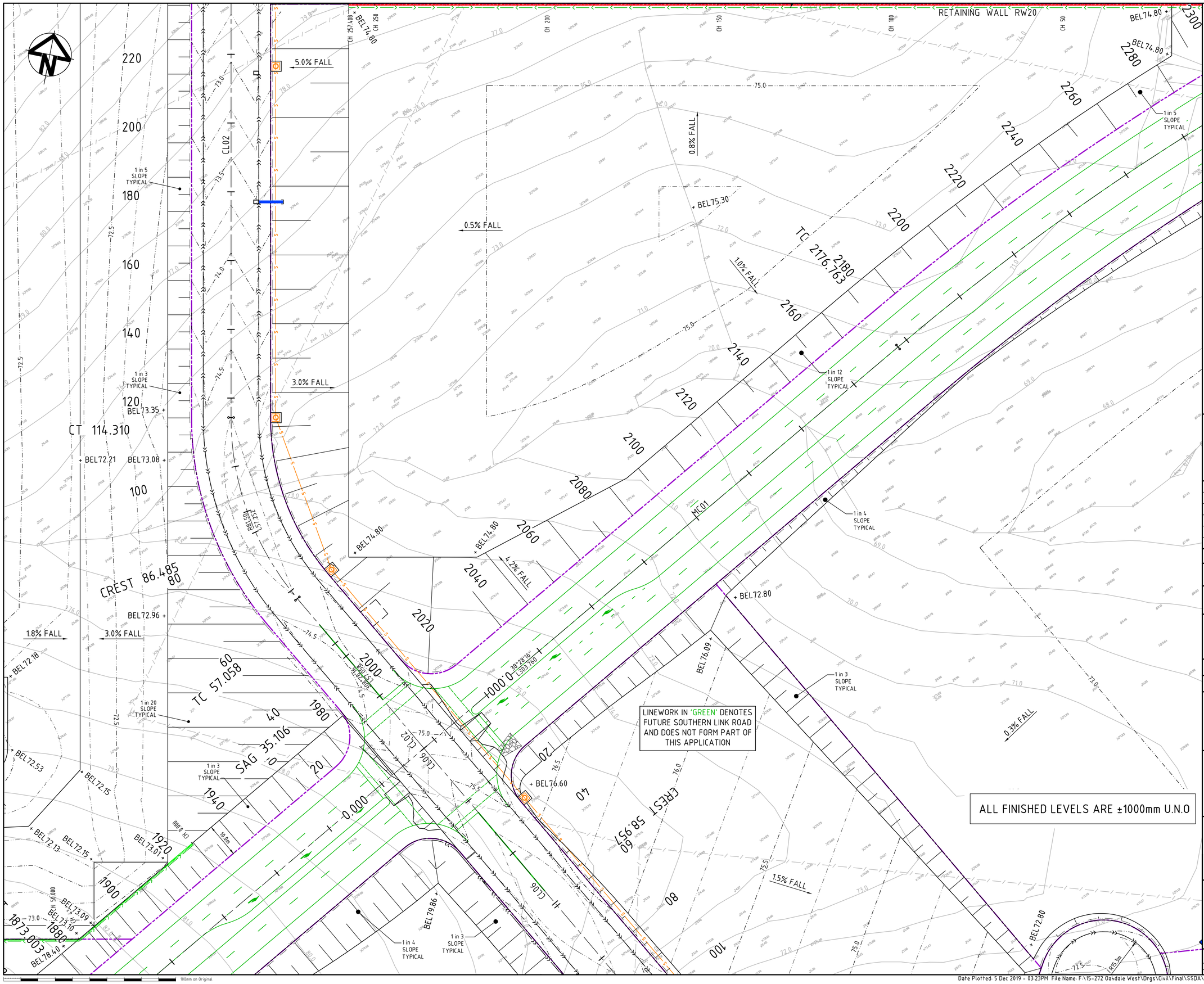
Client
Goodman

Civil Engineers and Project Managers
at&l
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

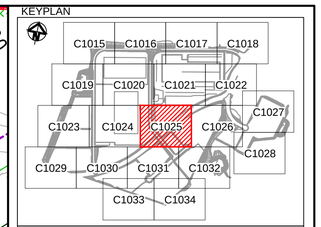
Project
PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title
EARTHWORKS AND STORMWATER DRAINAGE PLAN
SHEET 10 OF 20

Drawing No.	Project No.	Issue
15-272-C1024	15-272	A10



KEYPLAN



LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- 60.0 EXISTING CONTOUR
- PROPOSED BOUNDARY
- PROPOSED EASEMENT
- 65.0 PROPOSED CONTOUR
- +BEL75.00 PROPOSED BULK EARTHWORKS LEVEL
- 375ø STORMWATER PIPE WITH SIZE
- KERB INLET PIT (REFER PCC DWG. SD2001 U.N.O.)
- SURFACE INLET PIT (REFER PCC DWG. SD2002 U.N.O)
- JUNCTION PIT (REFER PCC DWG. SD2002 U.N.O)
- HEADWALL
- 3\1 PROPOSED STORMWATER PIT NUMBER
- SWALE
- SUBSOIL
- PROPOSED RETAINING WALL- FILL
- PROPOSED RETAINING WALL - CUT
- PROPOSED NOISE WALL
- FUTURE RETAINING WALL
- S PROPOSED SEWER
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- RIP-RAP SCOUR PROTECTION ON GEOTEXTILE FABRIC
- ROCK FILLED RENO MATTRESS ON GEOTEXTILE FABRIC

Bar Scales

0 10 20 30 40

1 : 500 @ A1 1 : 1000 @ A3

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION
A1

Scales	1 : 500	15-272-C1025.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

Goodman

Civil Engineers and Project Managers
at&l
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

Project
PROPOSED INDUSTRIAL DEVELOPMENT
OAKDALE WEST

Title
EARTHWORKS AND STORMWATER DRAINAGE PLAN
SHEET 11 OF 20

Drawing No.	Project No.	Issue
15-272-C1025	15-272	A9

100mm on Original

Date Plotted: 5 Dec 2019 - 03:23PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1025.dwg V1

ALL FINISHED LEVELS ARE ±1000mm U.N.O

LINEWORK IN 'GREEN' DENOTES FUTURE SOUTHERN LINK ROAD AND DOES NOT FORM PART OF THIS APPLICATION

1 in 4 SLOPE TYPICAL

BEL71.67 +

BEL72.80 +

0.4% FALL

0.5% FALL

0.4% FALL

+ BEL73.30

3.0m WIDE MAINTENANCE ACCESS

PROPOSED SWALE

1 in 8 BATTER SLOPE TYPICAL

+ RL72.77 12.5% RL69.14 +

3.0m WIDE CONCRETE APRON.

TRANSGRID EASEMENT

1 in 8 SLOPE TYPICAL

3.0m ACCESS TRACK

1 in 8 CUT SLOPE TYPICAL

1 in 4 SLOPE TYPICAL

EXISTING TREE TO BE REMOVED (TYP.)

+ BEL72.80

BEL72.70 +

ø1800

ø900

53\1

41\10

KEYPLAN

C1015 C1016 C1017 C1018 C1019 C1020 C1021 C1022 C1023 C1024 C1025 C1026 C1027 C1028 C1029 C1030 C1031 C1032 C1033 C1034

LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- EXISTING CONTOUR (60.0)
- PROPOSED BOUNDARY
- PROPOSED EASEMENT
- PROPOSED CONTOUR (65.0)
- +BEL75.00 — PROPOSED BULK EARTHWORKS LEVEL
- 375ø — STORMWATER PIPE WITH SIZE
- KERB INLET PIT (REFER PCC DWG. SD2001 U.N.O.)
- SURFACE INLET PIT (REFER PCC DWG. SD2002 U.N.O)
- JUNCTION PIT (REFER PCC DWG. SD2002 U.N.O)
- HEADWALL
- 3\1 — PROPOSED STORMWATER PIT NUMBER
- SWALE
- SUBSOIL
- PROPOSED RETAINING WALL- FILL
- PROPOSED RETAINING WALL - CUT
- PROPOSED NOISE WALL
- FUTURE RETAINING WALL
- S — PROPOSED SEWER
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- RIP-RAP SCOUR PROTECTION ON GEOTEXTILE FABRIC
- ROCK FILLED RENO MATTRESS ON GEOTEXTILE FABRIC

Bar Scales

0 10 20 30 40

1 : 500 @ A1 1 : 1000 @ A3

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status: MOD 3 APPROVAL — NOT TO BE USED FOR CONSTRUCTION — A1

Scales	1 : 500	15-272-C1026.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client: Goodman

Civil Engineers and Project Managers
at&l
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

Project: PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title: EARTHWORKS AND STORMWATER DRAINAGE PLAN SHEET 12 OF 20

Drawing No.	Project No.	Issue
15-272-C1026	15-272	A9

100mm on Original

Date Plotted: 5 Dec 2019 - 03:24PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1026.dwg V1

ALL FINISHED LEVELS ARE ±1000mm U.N.O

MC01

76°57'35"
L322.684

+BEL60.62

PROPOSED SWALE

1 in 4
BATTER
SLOPE
TYPICAL

LINEWORK IN 'GREEN' DENOTES FUTURE SOUTHERN LINK ROAD AND DOES NOT FORM PART OF THIS APPLICATION

CH 68.872

CH 51.914

RETAINING WALL SW01

BEL59.59 +

CH 16.672

RIP RAP OUTLET PROTECTION

66\3

CH 0.000

ø750

1 in 4
BATTER
SLOPE
TYPICAL

66\2

ø750

66\1

42\1

ø12x1050

RIP RAP OUTLET PROTECTION

42\2

1 in 4
BATTER
SLOPE
TYPICAL

EXISTING TREE TO BE REMOVED (TYP.)

BIO-RETENTION
BASIN No.5
REFER DRAWING C1084
FOR DETAILS
BEL 57.00

0.5% FALL

0.5% FALL

0.5% FALL

1 in 4
SLOPE
TYPICAL

1 in 8
CUT SLOPE
TYPICAL

R15.3m

KEYPLAN

C1015 C1016 C1017 C1018
C1019 C1020 C1021 C1022
C1023 C1024 C1025 C1026 C1027 C1028
C1029 C1030 C1031 C1032
C1033 C1034

LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- 60.0 EXISTING CONTOUR
- PROPOSED BOUNDARY
- PROPOSED EASEMENT
- 65.0 PROPOSED CONTOUR
- +BEL75.00 PROPOSED BULK EARTHWORKS LEVEL
- 375ø STORMWATER PIPE WITH SIZE
- KERB INLET PIT (REFER PCC DWG. SD2001 U.N.O.)
- SURFACE INLET PIT (REFER PCC DWG. SD2002 U.N.O)
- JUNCTION PIT (REFER PCC DWG. SD2002 U.N.O)
- HEADWALL
- 3\1 PROPOSED STORMWATER PIT NUMBER
- SWALE
- SUBSOIL
- PROPOSED RETAINING WALL- FILL
- PROPOSED RETAINING WALL - CUT
- PROPOSED NOISE WALL
- FUTURE RETAINING WALL
- S PROPOSED SEWER
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- RIP-RAP SCOUR PROTECTION ON GEOTEXTILE FABRIC
- ROCK FILLED RENO MATTRESS ON GEOTEXTILE FABRIC

Bar Scales

0 10 20 30 40

1 : 500 @ A1 1 : 1000 @ A3

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 500	15-272-C1027.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

Goodman

Civil Engineers and Project Managers

at&l
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

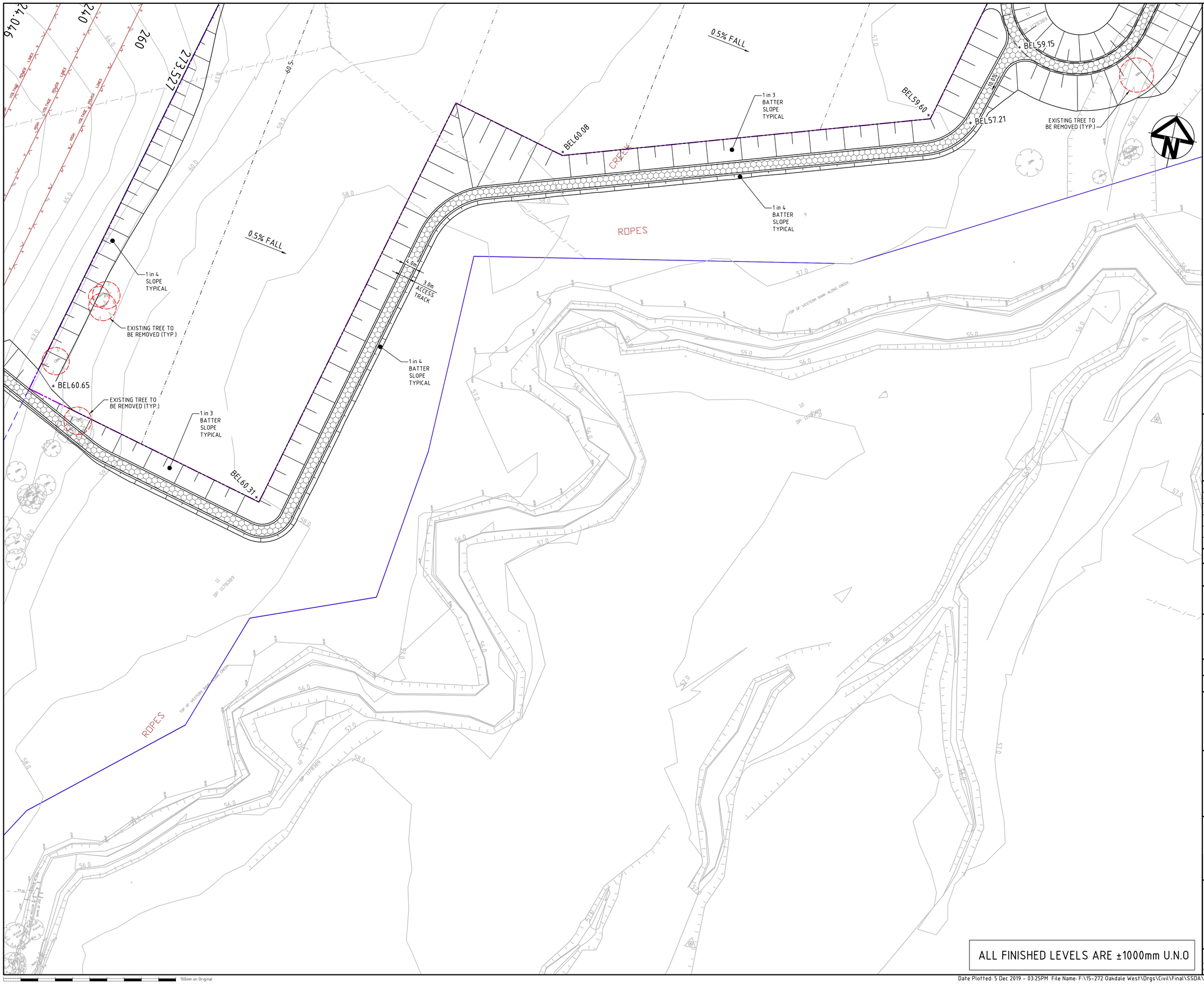
Project
PROPOSED INDUSTRIAL DEVELOPMENT
OAKDALE WEST

Title
EARTHWORKS AND STORMWATER DRAINAGE PLAN
SHEET 13 OF 20

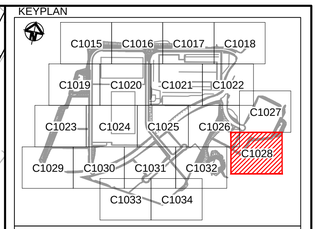
Drawing No.	Project No.	Issue
15-272-C1027	15-272	A9

100mm on Original

Date Plotted: 5 Dec 2019 - 03:24PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1027.dwg V1



KEYPLAN



LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- 60.0 EXISTING CONTOUR
- PROPOSED BOUNDARY
- PROPOSED EASEMENT
- 65.0 PROPOSED CONTOUR
- +BEL75.00 PROPOSED BULK EARTHWORKS LEVEL
- 375ø STORMWATER PIPE WITH SIZE
- KERB INLET PIT (REFER PCC DWG. SD2001 U.N.O.)
- SURFACE INLET PIT (REFER PCC DWG. SD2002 U.N.O)
- JUNCTION PIT (REFER PCC DWG. SD2002 U.N.O)
- HEADWALL
- 3\1 PROPOSED STORMWATER PIT NUMBER
- SWALE
- SUBSOIL
- PROPOSED RETAINING WALL- FILL
- PROPOSED RETAINING WALL - CUT
- PROPOSED NOISE WALL
- FUTURE RETAINING WALL
- S PROPOSED SEWER
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- RIP-RAP SCOUR PROTECTION ON GEOTEXTILE FABRIC
- ROCK FILLED RENO MATTRESS ON GEOTEXTILE FABRIC

Bar Scales

0 10 20 30 40

1 : 500 @ A1 1 : 1000 @ A3

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 500	15-272-C1028.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

Goodman

Civil Engineers and Project Managers

at&l
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

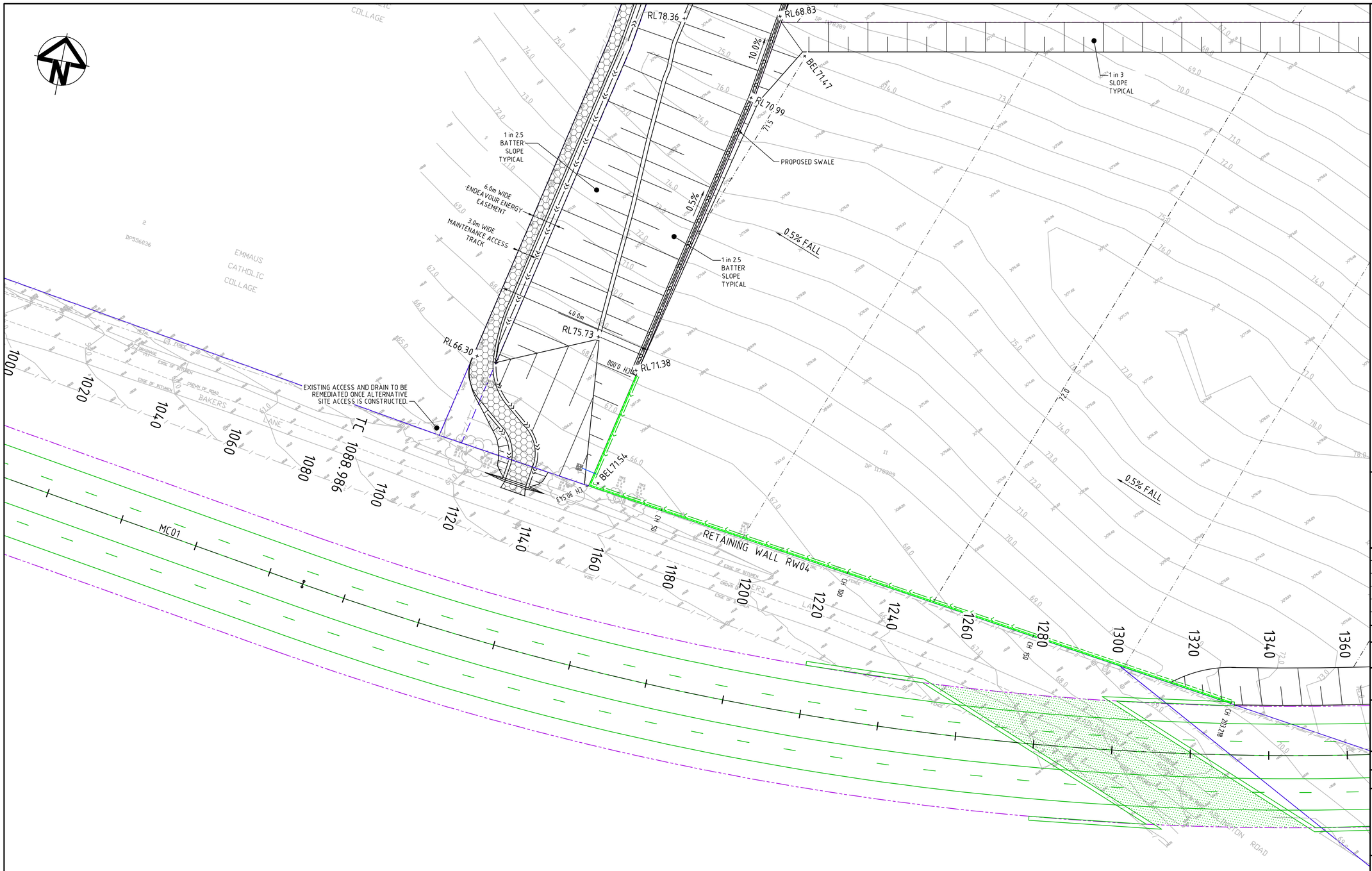
Project

PROPOSED INDUSTRIAL DEVELOPMENT
OAKDALE WEST

Title

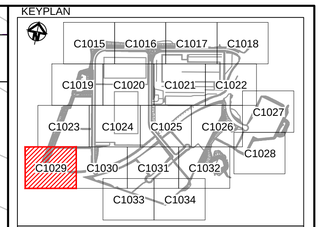
EARTHWORKS AND STORMWATER DRAINAGE PLAN
SHEET 14 OF 20

Drawing No.	Project No.	Issue
15-272-C1028	15-272	A9



ALL FINISHED LEVELS ARE ±1000mm U.N.O

KEYPLAN



LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- 60.0 EXISTING CONTOUR
- PROPOSED BOUNDARY
- PROPOSED EASEMENT
- 65.0 PROPOSED CONTOUR
- +BEL75.00 PROPOSED BULK EARTHWORKS LEVEL
- 375ø STORMWATER PIPE WITH SIZE
- KERB INLET PIT (REFER PCC DWG. SD2001 U.N.O.)
- SURFACE INLET PIT (REFER PCC DWG. SD2002 U.N.O)
- JUNCTION PIT (REFER PCC DWG. SD2002 U.N.O)
- HEADWALL
- 3\1 PROPOSED STORMWATER PIT NUMBER
- SWALE
- SUBSOIL
- PROPOSED RETAINING WALL- FILL
- PROPOSED RETAINING WALL - CUT
- PROPOSED NOISE WALL
- FUTURE RETAINING WALL
- S PROPOSED SEWER
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- RIP-RAP SCOUR PROTECTION ON GEOTEXTILE FABRIC
- ROCK FILLED RENO MATTRESS ON GEOTEXTILE FABRIC

Bar Scales

0 10 20 30 40

1 : 500 @ A1 1 : 1000 @ A3

Issue	Description	Date
A10	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A9	ISSUED FOR INFORMATION MOD 3	19-11-19
A8	ISSUED FOR INFORMATION MOD 3	12-11-19
A7	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A6	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A5	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 500	15-272-C1029.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

Goodman

Civil Engineers and Project Managers

at&l
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

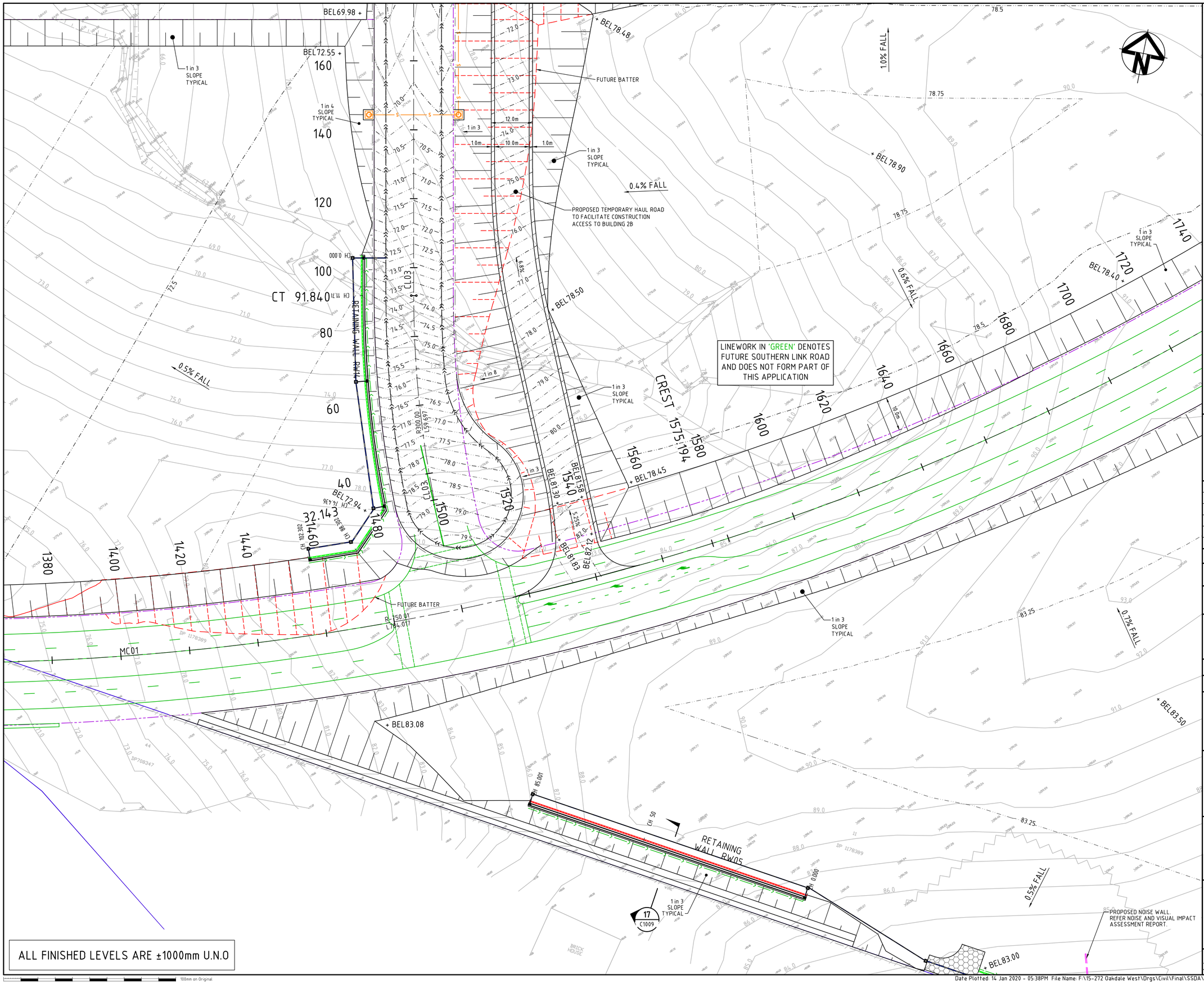
Project
PROPOSED INDUSTRIAL DEVELOPMENT
OAKDALE WEST

Title
EARTHWORKS AND STORMWATER DRAINAGE PLAN
SHEET 15 OF 20

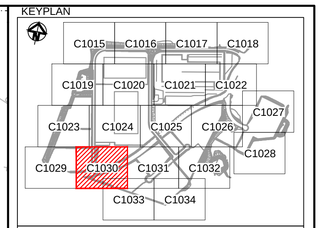
Drawing No.	Project No.	Issue
15-272-C1029	15-272	A10

100mm on Original

Date Plotted: 5 Dec 2019 – 03:26PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1029.dwg V1



KEYPLAN



LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- 60.0 EXISTING CONTOUR
- PROPOSED BOUNDARY
- PROPOSED EASEMENT
- 65.0 PROPOSED CONTOUR
- +BEL75.00 PROPOSED BULK EARTHWORKS LEVEL
- 375ø STORMWATER PIPE WITH SIZE
- KERB INLET PIT (REFER PCC DWG. SD2001 U.N.O.)
- SURFACE INLET PIT (REFER PCC DWG. SD2002 U.N.O)
- JUNCTION PIT (REFER PCC DWG. SD2002 U.N.O)
- HEADWALL
- 3\1 PROPOSED STORMWATER PIT NUMBER
- SWALE
- SUBSOIL
- PROPOSED RETAINING WALL- FILL
- PROPOSED RETAINING WALL - CUT
- PROPOSED NOISE WALL
- FUTURE RETAINING WALL
- S PROPOSED SEWER
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- RIP-RAP SCOUR PROTECTION ON GEOTEXTILE FABRIC
- ROCK FILLED RENO MATTRESS ON GEOTEXTILE FABRIC

Bar Scales

0 10 20 30 40

1 : 500 @ A1 1 : 1000 @ A3

Issue	Description	Date
A10	ISSUED FOR SSD APPROVAL MOD 3	14-01-20
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 500	15-272-C1030.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

Goodman

Civil Engineers and Project Managers

at&l

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

Project

PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title

EARTHWORKS AND STORMWATER DRAINAGE PLAN
SHEET 16 OF 20

Drawing No.	Project No.	Issue
15-272-C1030	15-272	A10

100mm on Original

Date Plotted: 14 Jan 2020 - 05:38PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1030.dwg V1

LINEWORK IN 'GREEN' DENOTES FUTURE SOUTHERN LINK ROAD AND DOES NOT FORM PART OF THIS APPLICATION

ALL FINISHED LEVELS ARE ±1000mm U.N.O

KEYPLAN

C1015 C1016 C1017 C1018 C1019 C1020 C1021 C1022 C1023 C1024 C1025 C1026 C1027 C1028 C1029 C1030 C1031 C1032 C1033 C1034

LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- 60.0 EXISTING CONTOUR
- PROPOSED BOUNDARY
- PROPOSED EASEMENT
- 65.0 PROPOSED CONTOUR
- +BEL75.00 PROPOSED BULK EARTHWORKS LEVEL
- 375ø STORMWATER PIPE WITH SIZE
- KERB INLET PIT (REFER PCC DWG. SD2001 U.N.O.)
- SURFACE INLET PIT (REFER PCC DWG. SD2002 U.N.O)
- JUNCTION PIT (REFER PCC DWG. SD2002 U.N.O)
- HEADWALL
- 3\1 PROPOSED STORMWATER PIT NUMBER
- SWALE
- SUBSOIL
- PROPOSED RETAINING WALL- FILL
- PROPOSED RETAINING WALL - CUT
- PROPOSED NOISE WALL
- FUTURE RETAINING WALL
- S PROPOSED SEWER
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- RIP-RAP SCOUR PROTECTION ON GEOTEXTILE FABRIC
- ROCK FILLED RENO MATTRESS ON GEOTEXTILE FABRIC

Bar Scales

0 10 20 30 40

1 : 500 @ A1 1 : 1000 @ A3

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status: MOD 3 APPROVAL — NOT TO BE USED FOR CONSTRUCTION — A1

Scales	1 : 500	15-272-C1031.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client: Goodman

Civil Engineers and Project Managers
at&l
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

Project: PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title: EARTHWORKS AND STORMWATER DRAINAGE PLAN SHEET 17 OF 20

Drawing No.	Project No.	Issue
15-272-C1031	15-272	A9

100mm on Original

Date Plotted: 5 Dec 2019 - 03:28PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1031.dwg V1

BIO-RETENTION
BASIN No.4
REFER DRAWING C1082-C1083
FOR DETAILS
BEL 60.00

TRANSGRID EASEMENT

RETAINING WALL RW13

1 in 4 SLOPE TYPICAL

1 in 8 BATTER SLOPE TYPICAL

1 in 3 SLOPE TYPICAL

PROPOSED SWALE

3.0m WIDE MAINTENANCE ACCESS

RIP RAP OUTLET PROTECTION TYPE 1. REFER DRAWING C4231 FOR DETAILS.

RIP RAP OUTLET PROTECTION

EXISTING TREE TO BE REMOVED (TYP.)

0.5% FALL

0.6% FALL

1.0% FALL

BEL74.34 +

BEL72.80 +

BEL72.70 +

BEL72.80 +

BEL73.20 +

BEL72.71 +

BEL75.55 +

BEL75.55 +

41\8

41\9

67\1

57\1

41\11

41\12

41\13

65\1

65\2

ALL FINISHED LEVELS ARE ±1000mm U.N.O

KEYPLAN

C1015 C1016 C1017 C1018 C1019 C1020 C1021 C1022 C1023 C1024 C1025 C1026 C1027 C1028 C1029 C1030 C1031 C1032 C1033 C1034

LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- 60.0 EXISTING CONTOUR
- PROPOSED BOUNDARY
- PROPOSED EASEMENT
- 65.0 PROPOSED CONTOUR
- +BEL75.00 375ø PROPOSED BULK EARTHWORKS LEVEL
- STORMWATER PIPE WITH SIZE
- KERB INLET PIT (REFER PCC DWG. SD2001 U.N.O.)
- SURFACE INLET PIT (REFER PCC DWG. SD2002 U.N.O)
- JUNCTION PIT (REFER PCC DWG. SD2002 U.N.O)
- HEADWALL
- 3\1 PROPOSED STORMWATER PIT NUMBER
- SWALE
- SUBSOIL
- PROPOSED RETAINING WALL- FILL
- PROPOSED RETAINING WALL - CUT
- PROPOSED NOISE WALL
- FUTURE RETAINING WALL
- S PROPOSED SEWER
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- RIP-RAP SCOUR PROTECTION ON GEOTEXTILE FABRIC
- ROCK FILLED RENO MATTRESS ON GEOTEXTILE FABRIC

Bar Scales

0 10 20 30 40

1 : 500 @ A1 1 : 1000 @ A3

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 500	15-272-C1032.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

Goodman

Civil Engineers and Project Managers
at&l
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

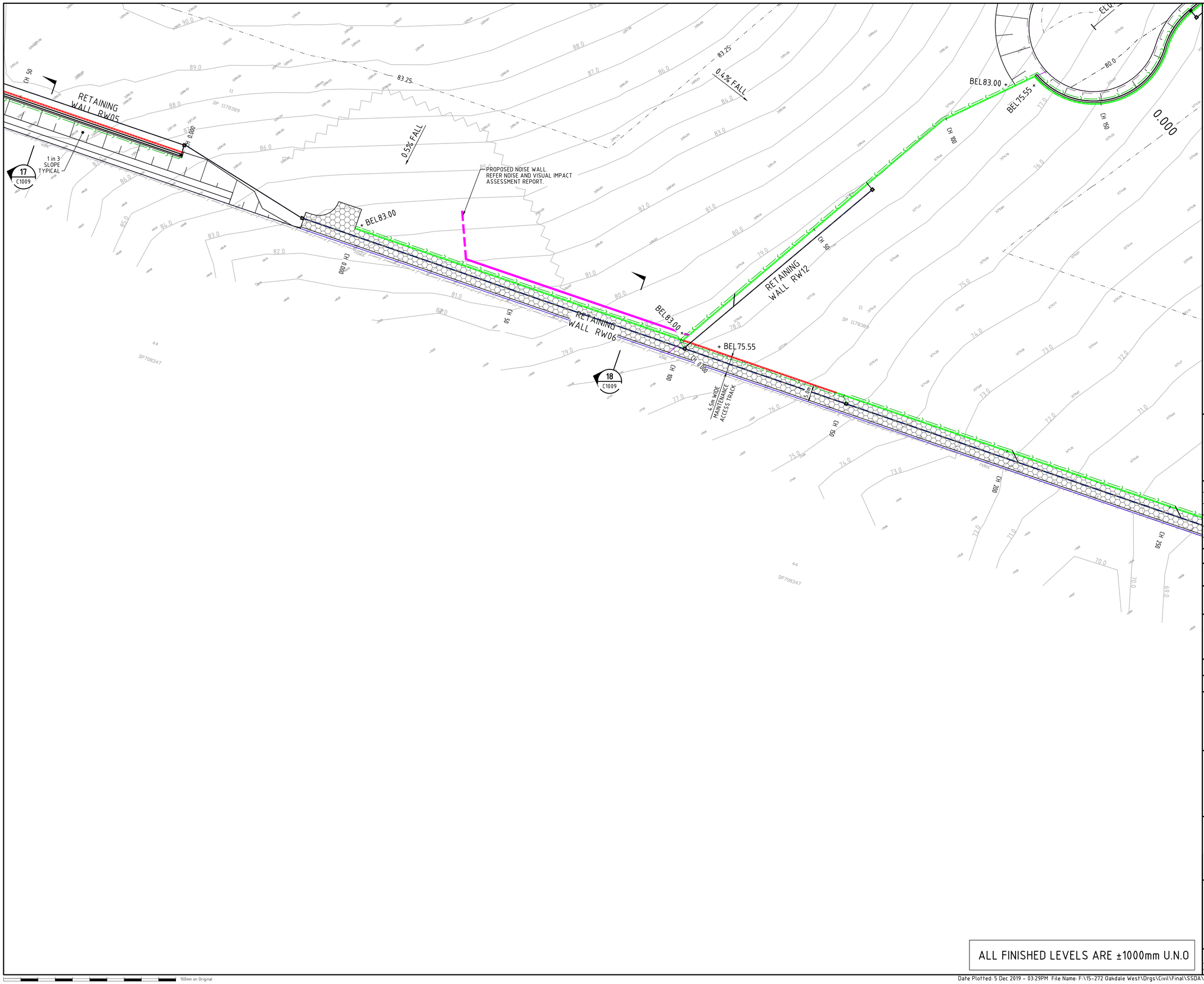
Project
PROPOSED INDUSTRIAL DEVELOPMENT
OAKDALE WEST

Title
EARTHWORKS AND STORMWATER DRAINAGE PLAN
SHEET 18 OF 20

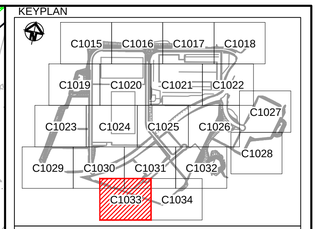
Drawing No.	Project No.	Issue
15-272-C1032	15-272	A9

100mm on Original

Date Plotted: 5 Dec 2019 - 03:28PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1032.dwg V1



KEYPLAN



LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- 60.0 EXISTING CONTOUR
- PROPOSED BOUNDARY
- PROPOSED EASEMENT
- 65.0 PROPOSED CONTOUR
- +BEL75.00 PROPOSED BULK EARTHWORKS LEVEL
- 375ø STORMWATER PIPE WITH SIZE
- KERB INLET PIT (REFER PCC DWG. SD2001 U.N.O.)
- SURFACE INLET PIT (REFER PCC DWG. SD2002 U.N.O)
- JUNCTION PIT (REFER PCC DWG. SD2002 U.N.O)
- HEADWALL
- 3\1 PROPOSED STORMWATER PIT NUMBER
- SWALE
- SUBSOIL
- PROPOSED RETAINING WALL- FILL
- PROPOSED RETAINING WALL - CUT
- PROPOSED NOISE WALL
- FUTURE RETAINING WALL
- S PROPOSED SEWER
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- RIP-RAP SCOUR PROTECTION ON GEOTEXTILE FABRIC
- ROCK FILLED RENO MATTRESS ON GEOTEXTILE FABRIC

Bar Scales

0 10 20 30 40

1 : 500 @ A1 1 : 1000 @ A3

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19

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&I.

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 500	15-272-C1033.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

Goodman

Civil Engineers and Project Managers

at&l
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

Project

PROPOSED INDUSTRIAL DEVELOPMENT
OAKDALE WEST

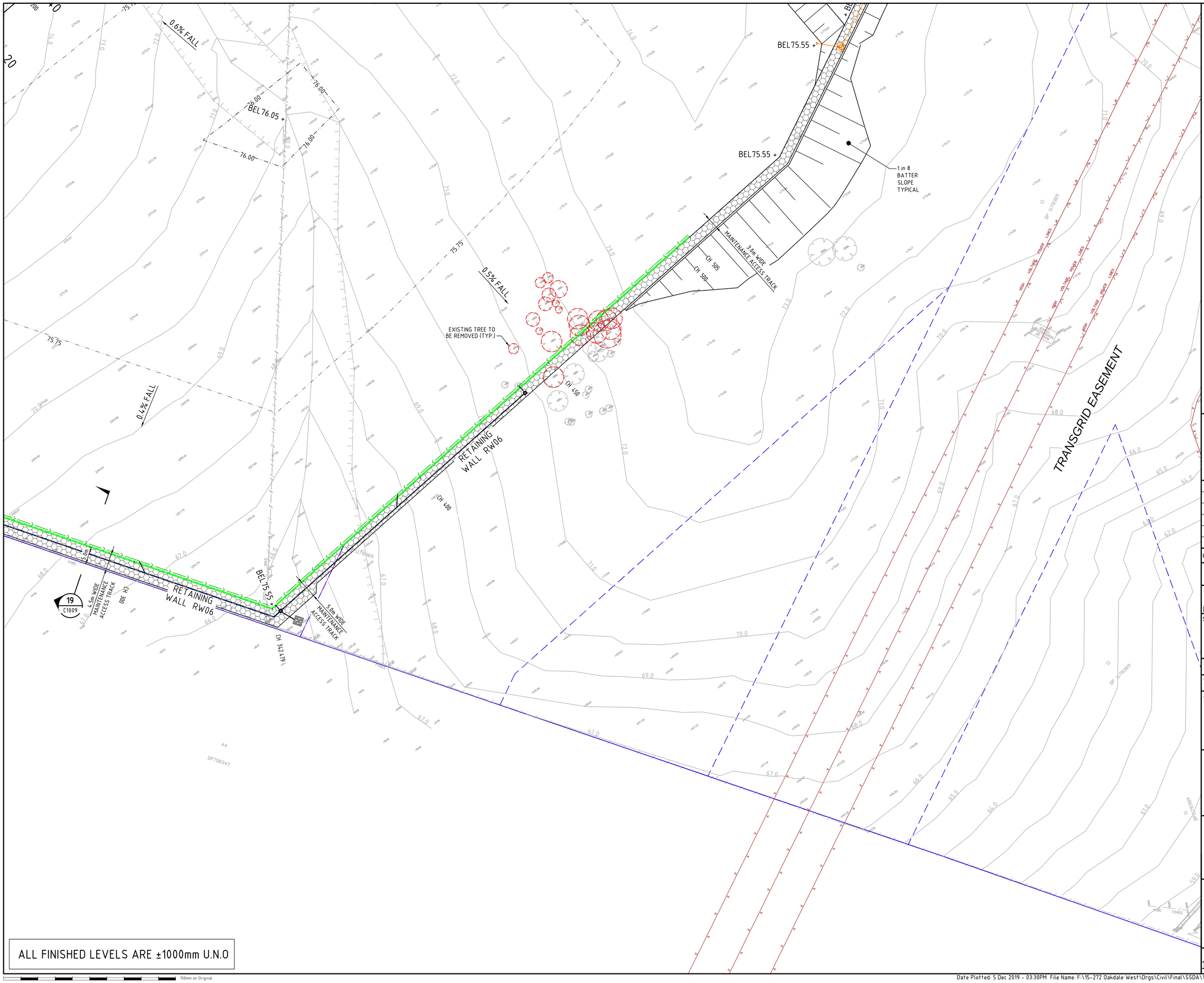
Title

EARTHWORKS AND STORMWATER DRAINAGE PLAN
SHEET 19 OF 20

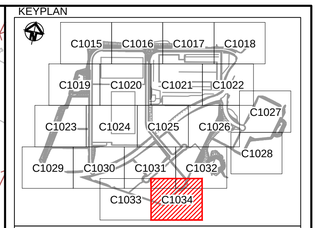
Drawing No.	Project No.	Issue
15-272-C1033	15-272	A9

100mm on Original

Date Plotted: 5 Dec 2019 - 03:29PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1033.dwg V1



KEYPLAN



LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- 60.0 EXISTING CONTOUR
- PROPOSED BOUNDARY
- PROPOSED EASEMENT
- 65.0 PROPOSED CONTOUR
- +BEL 75.00 PROPOSED BULK EARTHWORKS LEVEL
- 375ø STORMWATER PIPE WITH SIZE
- KERB INLET PIT (REFER PCC DWG. SD2001 U.N.O.)
- SURFACE INLET PIT (REFER PCC DWG. SD2002 U.N.O)
- JUNCTION PIT (REFER PCC DWG. SD2002 U.N.O)
- HEADWALL
- 3\1 PROPOSED STORMWATER PIT NUMBER
- SWALE
- SUBSOIL
- PROPOSED RETAINING WALL- FILL
- PROPOSED RETAINING WALL - CUT
- PROPOSED NOISE WALL
- FUTURE RETAINING WALL
- S PROPOSED SEWER
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- RIP-RAP SCOUR PROTECTION ON GEOTEXTILE FABRIC
- ROCK FILLED RENO MATTRESS ON GEOTEXTILE FABRIC

Bar Scales

0 10 20 30 40

1 : 500 @ A1 1 : 1000 @ A3

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION
A1

Scales	1 : 500	15-272-C1034.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

Goodman

Civil Engineers and Project Managers
at&l
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

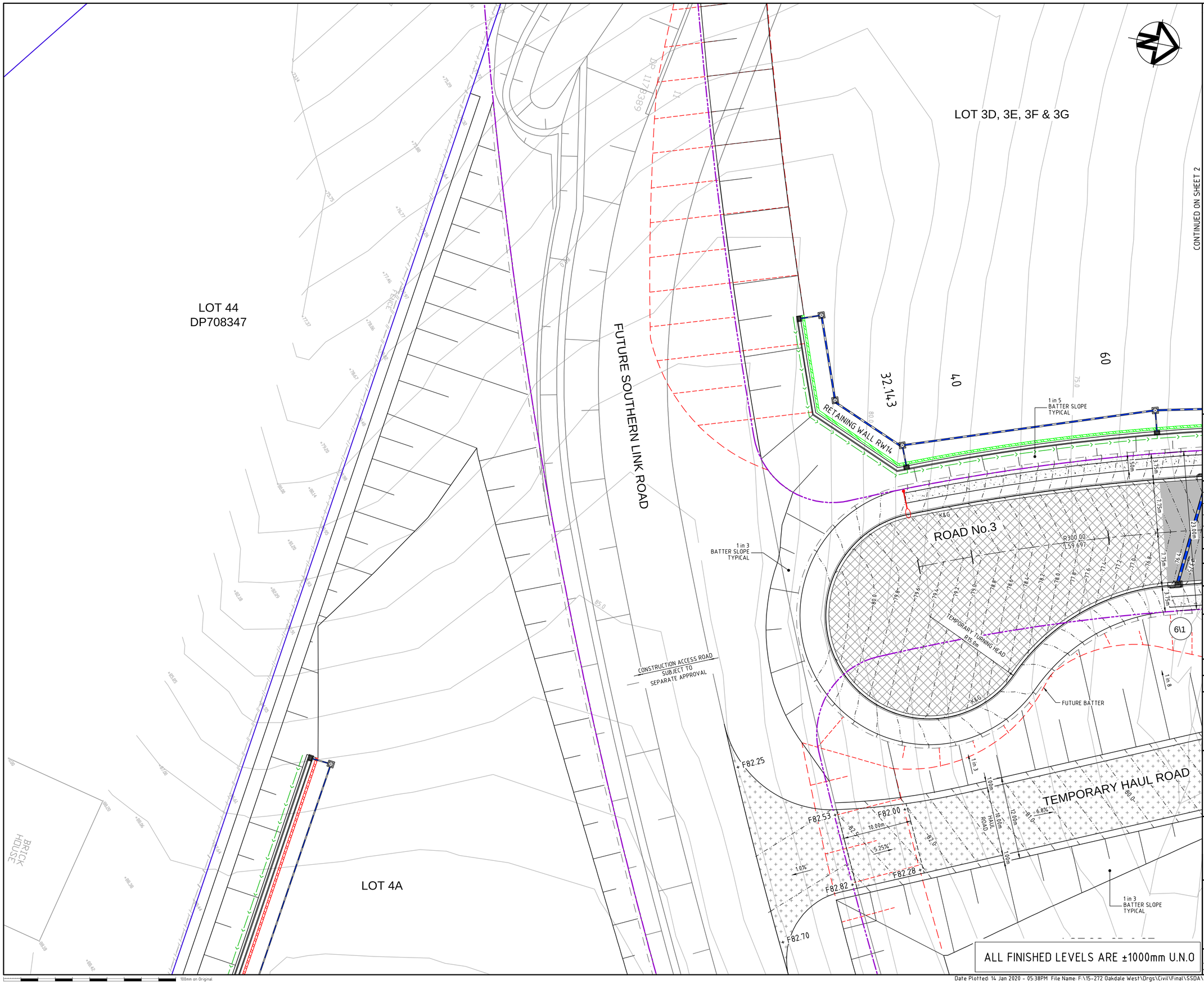
Project
PROPOSED INDUSTRIAL DEVELOPMENT
OAKDALE WEST

Title
EARTHWORKS AND STORMWATER DRAINAGE PLAN
SHEET 20 OF 20

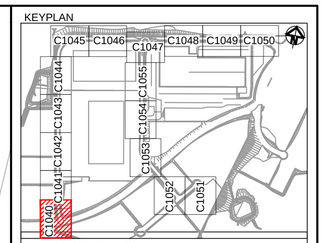
Drawing No.	Project No.	Issue
15-272-C1034	15-272	A9

100mm on Original

Date Plotted: 5 Dec 2019 - 03:30PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1034.dwg V1



KEYPLAN



LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- 60.0 EXISTING CONTOUR
- PROPOSED BOUNDARY
- 65.0 PROPOSED CONTOUR
- PROPOSED KERB AND GUTTER
- SWALE
- 375ø PROPOSED STORMWATER PIPE WITH SIZE
- PROPOSED KERB INLET PIT
- PROPOSED HEADWALL
- 375ø BOUNDARY CATCH DRAIN PIT AND PIPE SUBJECT TO DETAILED DESIGN
- 3\1 PROPOSED STORMWATER PIT NUMBER
- PROPOSED RETAINING WALL - FILL
- PROPOSED RETAINING WALL - CUT
- FUTURE RETAINING WALL NOT PART OF THIS APPROVAL
- PROPOSED GUARD RAIL
- PROPOSED FLEXIBLE ROAD PAVEMENT
- PROPOSED TEMPORARY ROAD PAVEMENT
- PROPOSED CONCRETE FOOTPATH
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- HAUL ROAD TEMPORARY PAVEMENT

Bar Scales

0 5 10 15 20

1 : 250 @ A1 1 : 500 @ A3

Issue	Description	Date
A10	ISSUED FOR SSD APPROVAL MOD 3	14-01-20
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 250	15-272-C1040.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

Goodman

Civil Engineers and Project Managers

at&l

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

Project

PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title

ROADWORKS AND STORMWATER DRAINAGE PLAN
SHEET 1 OF 16

Drawing No.	Project No.	Issue
15-272-C1040	15-272	A10

100mm on Original

Date Plotted: 14 Jan 2020 - 05:38PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1040.dwg V1

ALL FINISHED LEVELS ARE ±1000mm U.N.O

LOT 3D, 3E, 3F & 3G

LOT 3B & 3C

CONTINUED ON SHEET 1

CONTINUED ON SHEET 3

CT 91.840

VEHICULAR CROSSOVER IN ACCORDANCE WITH PENRITH CITY COUNCIL STANDARDS. LOCATION SUBJECT TO DETAILED DESIGN.

1 in 5 BATTER SLOPE TYPICAL

1 in 4 BATTER SLOPE TYPICAL

RETAINING WALL RW14

ROAD No.3

K&G

VC

TEMPORARY HAUL ROAD

HAUL ROAD

F70.29

F70.59

10.00m

6.8%

5.0%

FUTURE BATTER

PROPOSED TEMPORARY HAUL ROAD TO FACILITATE CONSTRUCTION ACCESS TO BUILDING 2B

1 in 3 BATTER SLOPE TYPICAL

FUTURE RETAINING WALL

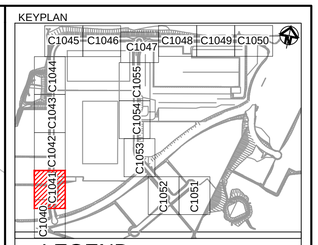
RETAINING WALL RW10

LOT 2C, 2D & 2E

LOT 2B

REFER '7100-SERIES' DWGS PACKAGE FOR DETAILS OF ON-LOT WORKS

KEYPLAN



LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- 60.0 EXISTING CONTOUR
- PROPOSED BOUNDARY
- 65.0 PROPOSED CONTOUR
- PROPOSED KERB AND GUTTER
- SWALE
- 375ø PROPOSED STORMWATER PIPE WITH SIZE
- PROPOSED KERB INLET PIT
- PROPOSED HEADWALL
- 375ø BOUNDARY CATCH DRAIN PIT AND PIPE SUBJECT TO DETAILED DESIGN
- 3\1 PROPOSED STORMWATER PIT NUMBER
- PROPOSED RETAINING WALL - FILL
- PROPOSED RETAINING WALL - CUT
- FUTURE RETAINING WALL NOT PART OF THIS APPROVAL
- PROPOSED GUARD RAIL
- PROPOSED FLEXIBLE ROAD PAVEMENT
- PROPOSED TEMPORARY ROAD PAVEMENT
- PROPOSED CONCRETE FOOTPATH
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- HAUL ROAD TEMPORARY PAVEMENT

Bar Scales

0 5 10 15 20

1 : 250 @ A1 1 : 500 @ A3

Issue	Description	Date
A10	ISSUED FOR SSD APPROVAL MOD 3	14-01-20
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19

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

Status: MOD 3 APPROVAL — NOT TO BE USED FOR CONSTRUCTION — A1

Scales	1 : 250	15-272-C1041.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client: Goodman

Civil Engineers and Project Managers
at&l
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

Project: PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title: ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 2 OF 16

Drawing No.	Project No.	Issue
15-272-C1041	15-272	A10

100mm on Original

Date Plotted: 14 Jan 2020 - 05:39PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1041.dwg V1

ALL FINISHED LEVELS ARE ±1000mm U.N.O

LOT 3B & 3C

LOT3A

CONTINUED ON SHEET 2

CONTINUED ON SHEET 4

260 280 300 320 340 360 380 400 420

1 in 4 BATTER SLOPE TYPICAL

26\1

6\7 6\8 6\9

18\1 19\1 20\1

ROAD No 3

K&G

VC

VEHICULAR CROSSOVER IN ACCORDANCE WITH PENRITH CITY COUNCIL STANDARDS. LOCATION SUBJECT TO DETAILED DESIGN.

LOT 2B

REFER '7100-SERIES' DWGS PACKAGE FOR DETAILS OF ON-LOT WORKS

KEYPLAN

C1040 C1041 C1042 C1043 C1044 C1045 C1046 C1047 C1048 C1049 C1050 C1051 C1052 C1053 C1054 C1055

LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- 60.0 EXISTING CONTOUR
- PROPOSED BOUNDARY
- 65.0 PROPOSED CONTOUR
- PROPOSED KERB AND GUTTER
- SWALE
- 375ø PROPOSED STORMWATER PIPE WITH SIZE
- PROPOSED KERB INLET PIT
- PROPOSED HEADWALL
- 375ø BOUNDARY CATCH DRAIN PIT AND PIPE SUBJECT TO DETAILED DESIGN
- 3\1 PROPOSED STORMWATER PIT NUMBER
- PROPOSED RETAINING WALL - FILL
- PROPOSED RETAINING WALL - CUT
- FUTURE RETAINING WALL NOT PART OF THIS APPROVAL
- PROPOSED GUARD RAIL
- PROPOSED FLEXIBLE ROAD PAVEMENT
- PROPOSED TEMPORARY ROAD PAVEMENT
- PROPOSED CONCRETE FOOTPATH
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- HAUL ROAD TEMPORARY PAVEMENT

Bar Scales

0 5 10 15 20

1 : 250 @ A1 1 : 500 @ A3

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status: MOD 3 APPROVAL — NOT TO BE USED FOR CONSTRUCTION — A1

Scales	1 : 250	15-272-C1042.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client: Goodman

Civil Engineers and Project Managers
at&l
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

Project: PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title: ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 3 OF 16

Drawing No.	Project No.	Issue
15-272-C1042	15-272	A9

100mm on Original

Date Plotted: 5 Dec 2019 - 03:32PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1042.dwg V1

ALL FINISHED LEVELS ARE ±1000mm U.N.O

BIO-RETENTION BASIN No.3

LOT 3A

CONTINUED ON SHEET 3

CONTINUED ON SHEET 5

440 460 480 500 520 540 560 580

1 in 4 BATTER SLOPE TYPICAL

25\1 ø1050

VEHICULAR CROSSOVER IN ACCORDANCE WITH PENRITH CITY COUNCIL STANDARDS. LOCATION SUBJECT TO DETAILED DESIGN.

PROPOSED NOISE WALL. REFER NOISE AND VISUAL IMPACT ASSESSMENT REPORT.

6\13 ø1800

RETAINING WALL RW02

VC

1.50m 3.75m

K&G

ø1500

6\10 6\11 6\12

ROAD No 3

7.75m 23.00m 7.75m

34.8°43'12"
L664.175

21\1 22\1 13\1

67.6 67.4 67.2 67.0 66.8 66.6 66.4 66.2 66.0

VEHICULAR CROSSOVER IN ACCORDANCE WITH PENRITH CITY COUNCIL STANDARDS. LOCATION SUBJECT TO DETAILED DESIGN.

VEHICULAR CROSSOVER IN ACCORDANCE WITH PENRITH CITY COUNCIL STANDARDS. LOCATION SUBJECT TO DETAILED DESIGN.

VEHICULAR CROSSOVER IN ACCORDANCE WITH PENRITH CITY COUNCIL STANDARDS. LOCATION SUBJECT TO DETAILED DESIGN.

24\1

65.0

LOT 2B

REFER '7100-SERIES' DWGS PACKAGE FOR DETAILS OF ON-LOT WORKS

KEYPLAN

C1045 C1046 C1047 C1048 C1049 C1050 C1044 C1043 C1042 C1041 C1040 C1054 C1055 C1053 C1052 C1051

LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- 60.0 EXISTING CONTOUR
- PROPOSED BOUNDARY
- 65.0 PROPOSED CONTOUR
- PROPOSED KERB AND GUTTER
- SWALE
- 375ø PROPOSED STORMWATER PIPE WITH SIZE
- PROPOSED KERB INLET PIT
- PROPOSED HEADWALL
- 375ø BOUNDARY CATCH DRAIN PIT AND PIPE SUBJECT TO DETAILED DESIGN
- 3\1 PROPOSED STORMWATER PIT NUMBER
- PROPOSED RETAINING WALL - FILL
- PROPOSED RETAINING WALL - CUT
- FUTURE RETAINING WALL NOT PART OF THIS APPROVAL
- PROPOSED GUARD RAIL
- PROPOSED FLEXIBLE ROAD PAVEMENT
- PROPOSED TEMPORARY ROAD PAVEMENT
- PROPOSED CONCRETE FOOTPATH
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- HAUL ROAD TEMPORARY PAVEMENT

Bar Scales

0 5 10 15 20

1 : 250 @ A1 1 : 500 @ A3

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 250	15-272-C1043.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

Goodman

Civil Engineers and Project Managers

at&l

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

Project
PROPOSED INDUSTRIAL DEVELOPMENT
OAKDALE WEST

Title
ROADWORKS AND STORMWATER DRAINAGE PLAN
SHEET 4 OF 16

Drawing No.	Project No.	Issue
15-272-C1043	15-272	A9

100mm on Original

Date Plotted: 5 Dec 2019 - 03:33PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1043.dwg V1

ALL FINISHED LEVELS ARE ±1000mm U.N.O

BIO-RETENTION BASIN No.3

BIO-RETENTION BASIN No.2

CONTINUED ON SHEET 4

600 620 640 660 680 700 720 740 760

SAG 621.131

TC 756.014

DRP LINE

63\1 63\2 63\3 5\18 5\17 5\16 5\15 5\14 5\13 13\1 12\1 11\1 23\1

ø900 ø900 ø1200 ø1200 ø675 ø600 ø600 ø525 ø375 ø375

W-BEAM GUARD FENCE TO RMS SPECIFICATION WITH ET2000 END TREATMENTS. SMOOTH RUNNING RAIL TO BE INSTALLED ALONG REAR OF GUARD FENCE

PROPOSED NOISE WALL. REFER NOISE AND VISUAL IMPACT ASSESSMENT REPORT.

RETAINING WALL RW02

ROAD No 3

K&G

65.8 66.0 66.2 66.4 66.6

1.50m 3.75m 7.75m 23.00m 7.75m 3.75m 1.50m

LOT 2A

CONTINUED ON SHEET 6

100mm on Original

KEYPLAN

C1040 C1041 C1042 C1043 C1044 C1045 C1046 C1047 C1048 C1049 C1050 C1051 C1052 C1053 C1054 C1055

LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- 60.0 EXISTING CONTOUR
- PROPOSED BOUNDARY
- 65.0 PROPOSED CONTOUR
- PROPOSED KERB AND GUTTER
- SWALE
- 375ø PROPOSED STORMWATER PIPE WITH SIZE
- PROPOSED KERB INLET PIT
- PROPOSED HEADWALL
- 375ø BOUNDARY CATCH DRAIN PIT AND PIPE SUBJECT TO DETAILED DESIGN
- 3\1 PROPOSED STORMWATER PIT NUMBER
- PROPOSED RETAINING WALL - FILL
- PROPOSED RETAINING WALL - CUT
- FUTURE RETAINING WALL NOT PART OF THIS APPROVAL
- PROPOSED GUARD RAIL
- PROPOSED FLEXIBLE ROAD PAVEMENT
- PROPOSED TEMPORARY ROAD PAVEMENT
- PROPOSED CONCRETE FOOTPATH
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- HAUL ROAD TEMPORARY PAVEMENT

Bar Scales

0 5 10 15 20

1 : 250 @ A1 1 : 500 @ A3

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status: MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 250	15-272-C1044.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client: Goodman

Civil Engineers and Project Managers
at&l
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

Project: PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title: ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 5 OF 16

Drawing No.	Project No.	Issue
15-272-C1044	15-272	A9

ALL FINISHED LEVELS ARE ±1000mm U.N.O

DP 1178389

1 in 3 BATTER SLOPE TYPICAL

PROPOSED SWALE.

CT 883/854

W-BEAM GUARD FENCE TO RMS SPECIFICATION WITH ET2000 END TREATMENTS. SMOOTH RUNNING RAIL TO BE INSTALLED ALONG REAR OF GUARD FENCE

PROPOSED NOISE WALL. REFER NOISE AND VISUAL IMPACT ASSESSMENT REPORT.

RETAINING WALL RW02

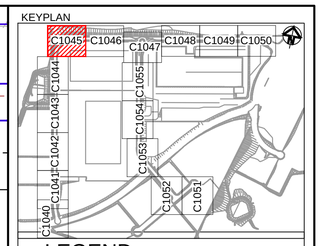
ROAD No 3

LOT 2A

CONTINUED ON SHEET 5

CONTINUED ON SHEET 7

KEYPLAN



LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- 60.0 EXISTING CONTOUR
- PROPOSED BOUNDARY
- 65.0 PROPOSED CONTOUR
- PROPOSED KERB AND GUTTER
- SWALE
- 375ø PROPOSED STORMWATER PIPE WITH SIZE
- PROPOSED KERB INLET PIT
- PROPOSED HEADWALL
- 375ø BOUNDARY CATCH DRAIN PIT AND PIPE SUBJECT TO DETAILED DESIGN
- 3\1 PROPOSED STORMWATER PIT NUMBER
- PROPOSED RETAINING WALL - FILL
- PROPOSED RETAINING WALL - CUT
- FUTURE RETAINING WALL NOT PART OF THIS APPROVAL
- PROPOSED GUARD RAIL
- PROPOSED FLEXIBLE ROAD PAVEMENT
- PROPOSED TEMPORARY ROAD PAVEMENT
- PROPOSED CONCRETE FOOTPATH
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- HAUL ROAD TEMPORARY PAVEMENT

Bar Scales

0 5 10 15 20

1 : 250 @ A1 1 : 500 @ A3

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status: MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 250	15-272-C1045.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client: Goodman

Civil Engineers and Project Managers
at&l
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

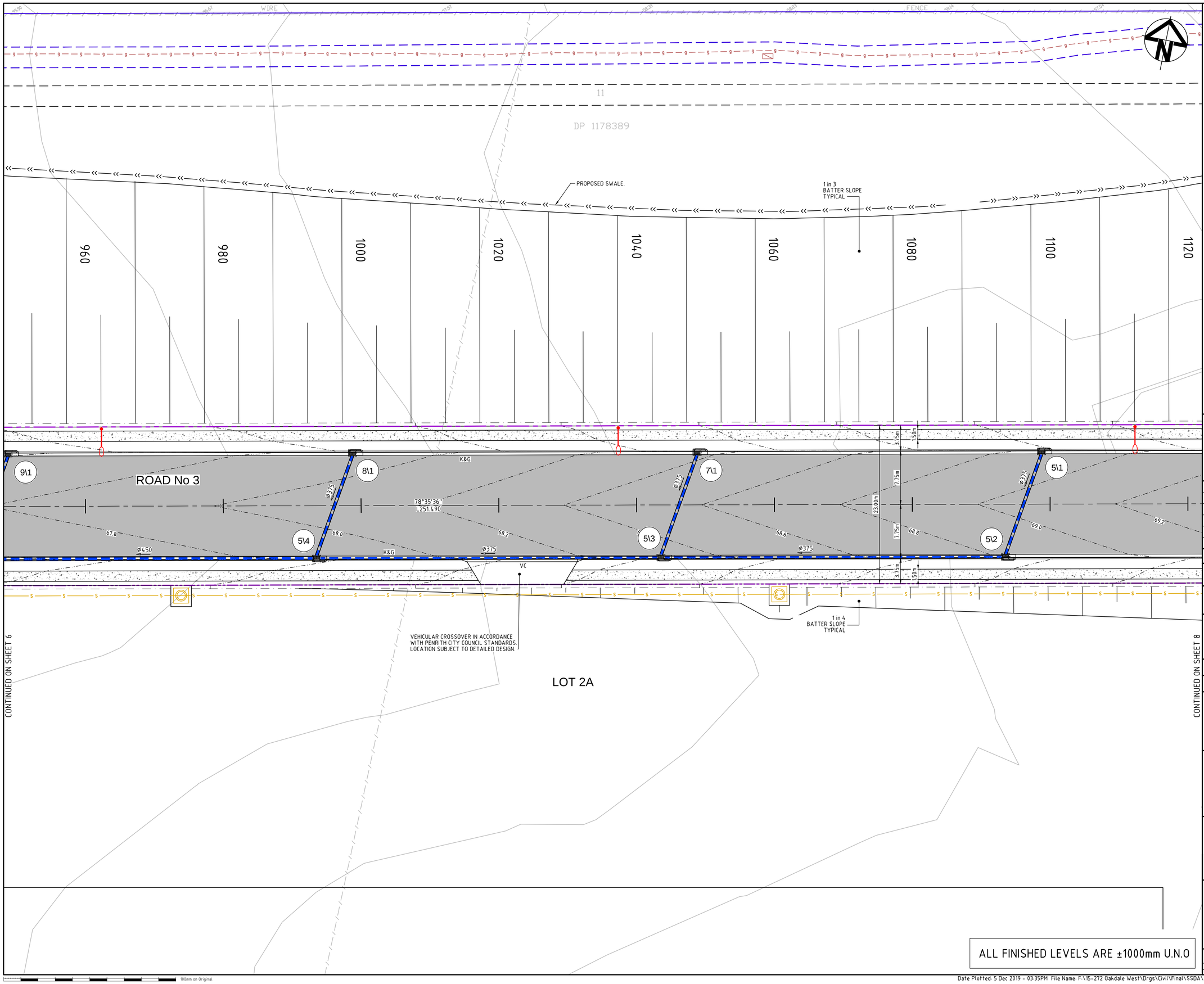
Project: PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title: ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 6 OF 16

Drawing No.	Project No.	Issue
15-272-C1045	15-272	A9

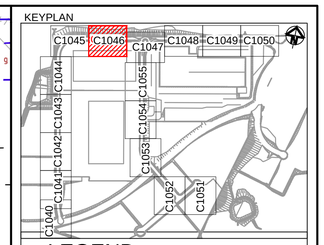
100mm on Original

Date Plotted: 5 Dec 2019 - 03:34PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1045.dwg V1



ALL FINISHED LEVELS ARE ±1000mm U.N.O

KEYPLAN



LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- 60.0 EXISTING CONTOUR
- PROPOSED BOUNDARY
- 65.0 PROPOSED CONTOUR
- PROPOSED KERB AND GUTTER
- SWALE
- 375ø PROPOSED STORMWATER PIPE WITH SIZE
- PROPOSED KERB INLET PIT
- PROPOSED HEADWALL
- 375ø BOUNDARY CATCH DRAIN PIT AND PIPE SUBJECT TO DETAILED DESIGN
- 3\1 PROPOSED STORMWATER PIT NUMBER
- PROPOSED RETAINING WALL - FILL
- PROPOSED RETAINING WALL - CUT
- FUTURE RETAINING WALL NOT PART OF THIS APPROVAL
- PROPOSED GUARD RAIL
- PROPOSED FLEXIBLE ROAD PAVEMENT
- PROPOSED TEMPORARY ROAD PAVEMENT
- PROPOSED CONCRETE FOOTPATH
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- HAUL ROAD TEMPORARY PAVEMENT

Bar Scales

0 5 10 15 20

1 : 250 @ A1 1 : 500 @ A3

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 250	15-272-C1046.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

Goodman

Civil Engineers and Project Managers

at&l

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

Project

PROPOSED INDUSTRIAL DEVELOPMENT
OAKDALE WEST

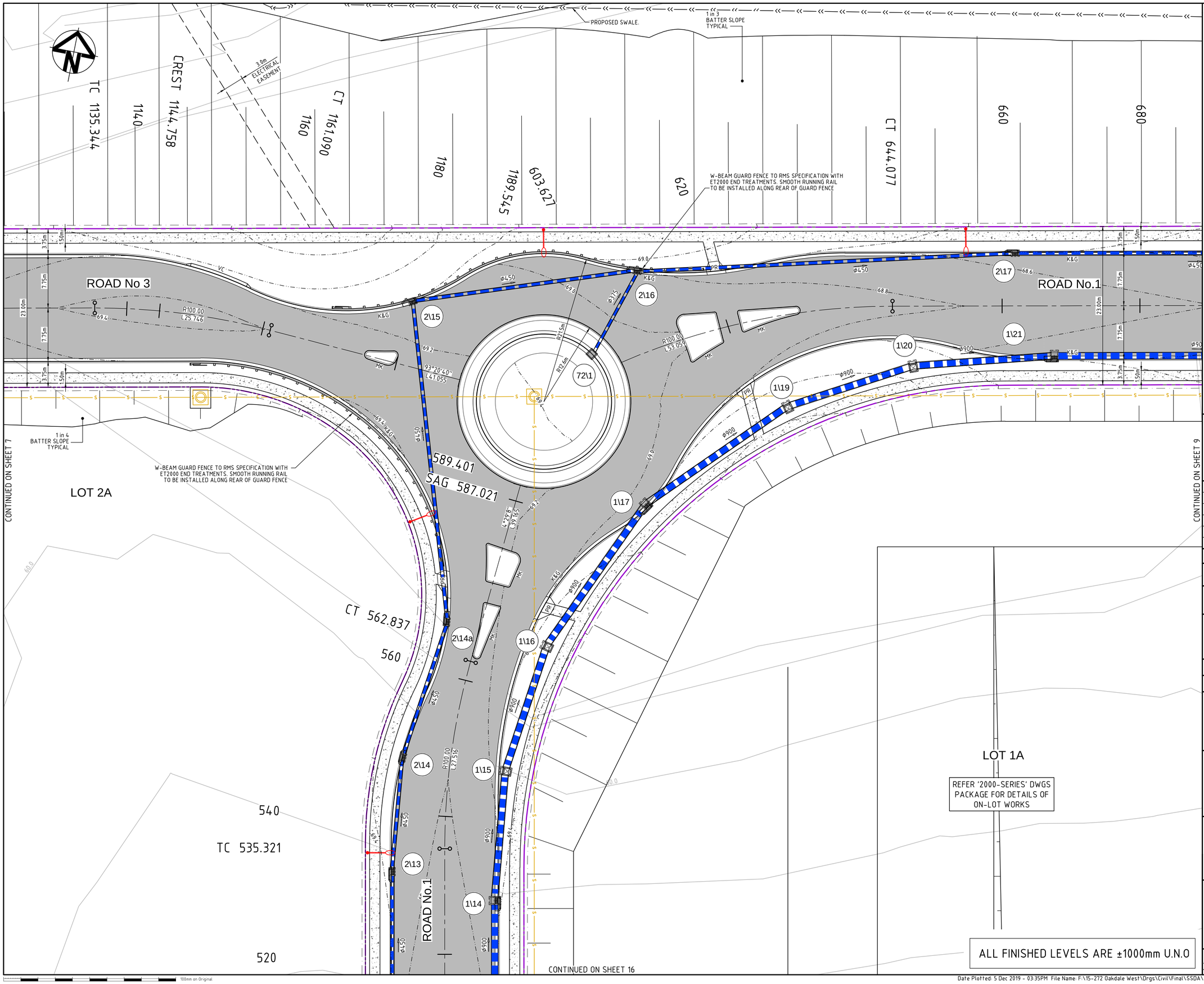
Title

ROADWORKS AND STORMWATER DRAINAGE PLAN
SHEET 7 OF 16

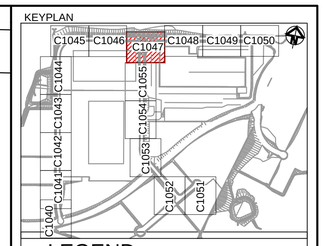
Drawing No.	Project No.	Issue
15-272-C1046	15-272	A9

100mm on Original

Date Plotted: 5 Dec 2019 - 03:35PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1046.dwg V1



KEYPLAN



LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- 60.0 EXISTING CONTOUR
- PROPOSED BOUNDARY
- 65.0 PROPOSED CONTOUR
- PROPOSED KERB AND GUTTER
- SWALE
- 375ø PROPOSED STORMWATER PIPE WITH SIZE
- PROPOSED KERB INLET PIT
- PROPOSED HEADWALL
- 375ø BOUNDARY CATCH DRAIN PIT AND PIPE SUBJECT TO DETAILED DESIGN
- 3\1 PROPOSED STORMWATER PIT NUMBER
- PROPOSED RETAINING WALL - FILL
- PROPOSED RETAINING WALL - CUT
- FUTURE RETAINING WALL NOT PART OF THIS APPROVAL
- PROPOSED GUARD RAIL
- PROPOSED FLEXIBLE ROAD PAVEMENT
- PROPOSED TEMPORARY ROAD PAVEMENT
- PROPOSED CONCRETE FOOTPATH
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- HAUL ROAD TEMPORARY PAVEMENT

Bar Scales

0 5 10 15 20

1 : 250 @ A1 1 : 500 @ A3

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status: MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 250	15-272-C1047.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client: Goodman

Civil Engineers and Project Managers
at&l
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

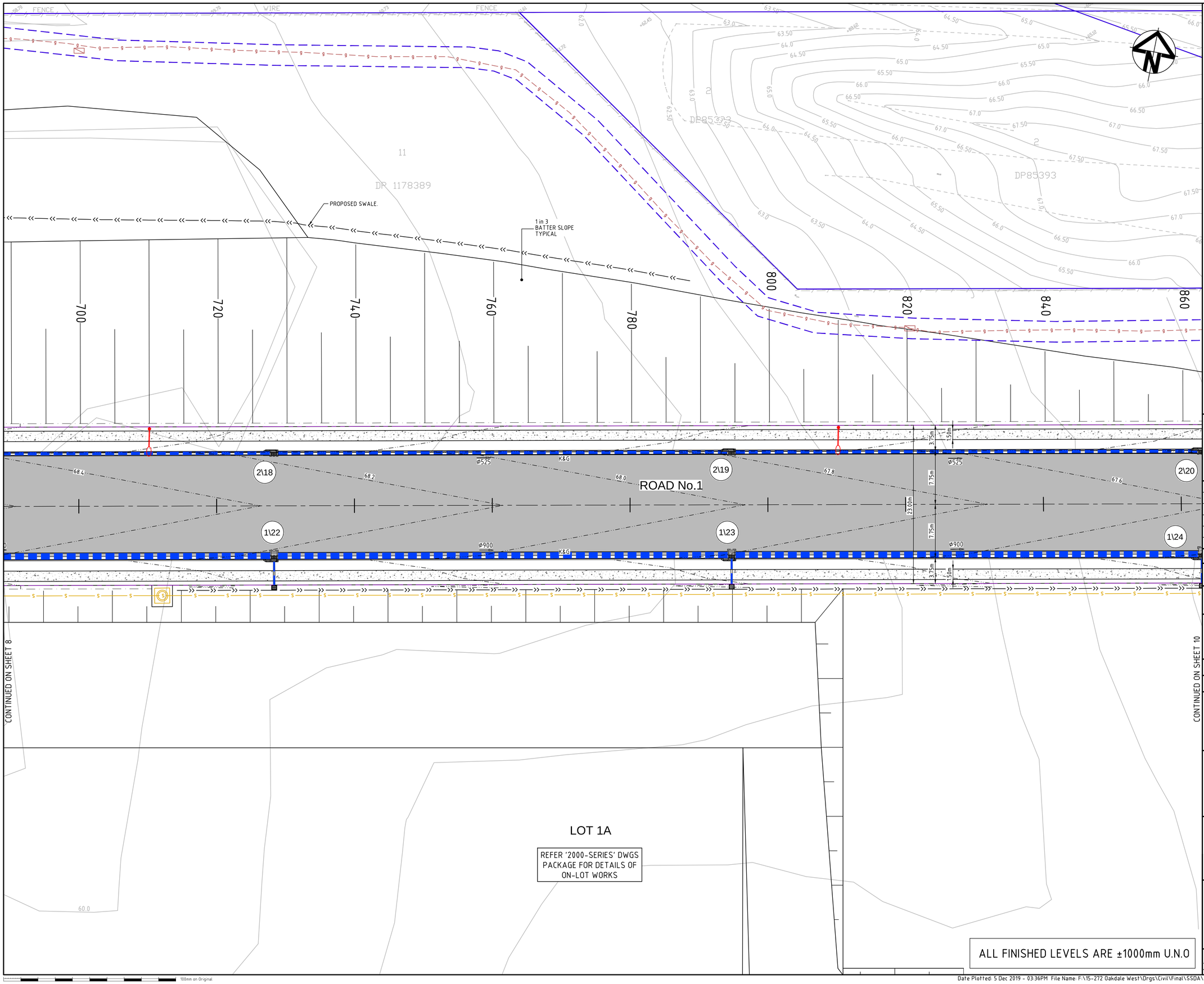
Project
PROPOSED INDUSTRIAL DEVELOPMENT
OAKDALE WEST

Title
ROADWORKS AND STORMWATER DRAINAGE PLAN
SHEET 8 OF 16

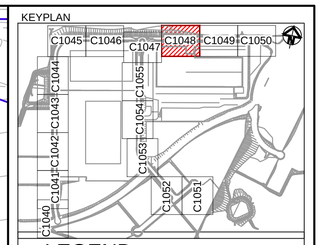
Drawing No.	Project No.	Issue
15-272-C1047	15-272	A9

100mm on Original

Date Plotted: 5 Dec 2019 - 03:35PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1047.dwg V1



KEYPLAN



LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- 60.0 EXISTING CONTOUR
- PROPOSED BOUNDARY
- 65.0 PROPOSED CONTOUR
- PROPOSED KERB AND GUTTER
- SWALE
- 375ø PROPOSED STORMWATER PIPE WITH SIZE
- PROPOSED KERB INLET PIT
- PROPOSED HEADWALL
- 375ø BOUNDARY CATCH DRAIN PIT AND PIPE SUBJECT TO DETAILED DESIGN
- 3\1 PROPOSED STORMWATER PIT NUMBER
- PROPOSED RETAINING WALL - FILL
- PROPOSED RETAINING WALL - CUT
- FUTURE RETAINING WALL NOT PART OF THIS APPROVAL
- PROPOSED GUARD RAIL
- PROPOSED FLEXIBLE ROAD PAVEMENT
- PROPOSED TEMPORARY ROAD PAVEMENT
- PROPOSED CONCRETE FOOTPATH
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- HAUL ROAD TEMPORARY PAVEMENT

Bar Scales

0 5 10 15 20

1 : 250 @ A1 1 : 500 @ A3

Issue	Description	Date
A8	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A7	ISSUED FOR INFORMATION MOD 3	19-11-19
A6	ISSUED FOR INFORMATION MOD 3	12-11-19
A5	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A4	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A3	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 250	15-272-C1048.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

Goodman

Civil Engineers and Project Managers

at&l

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

Project

PROPOSED INDUSTRIAL DEVELOPMENT
OAKDALE WEST

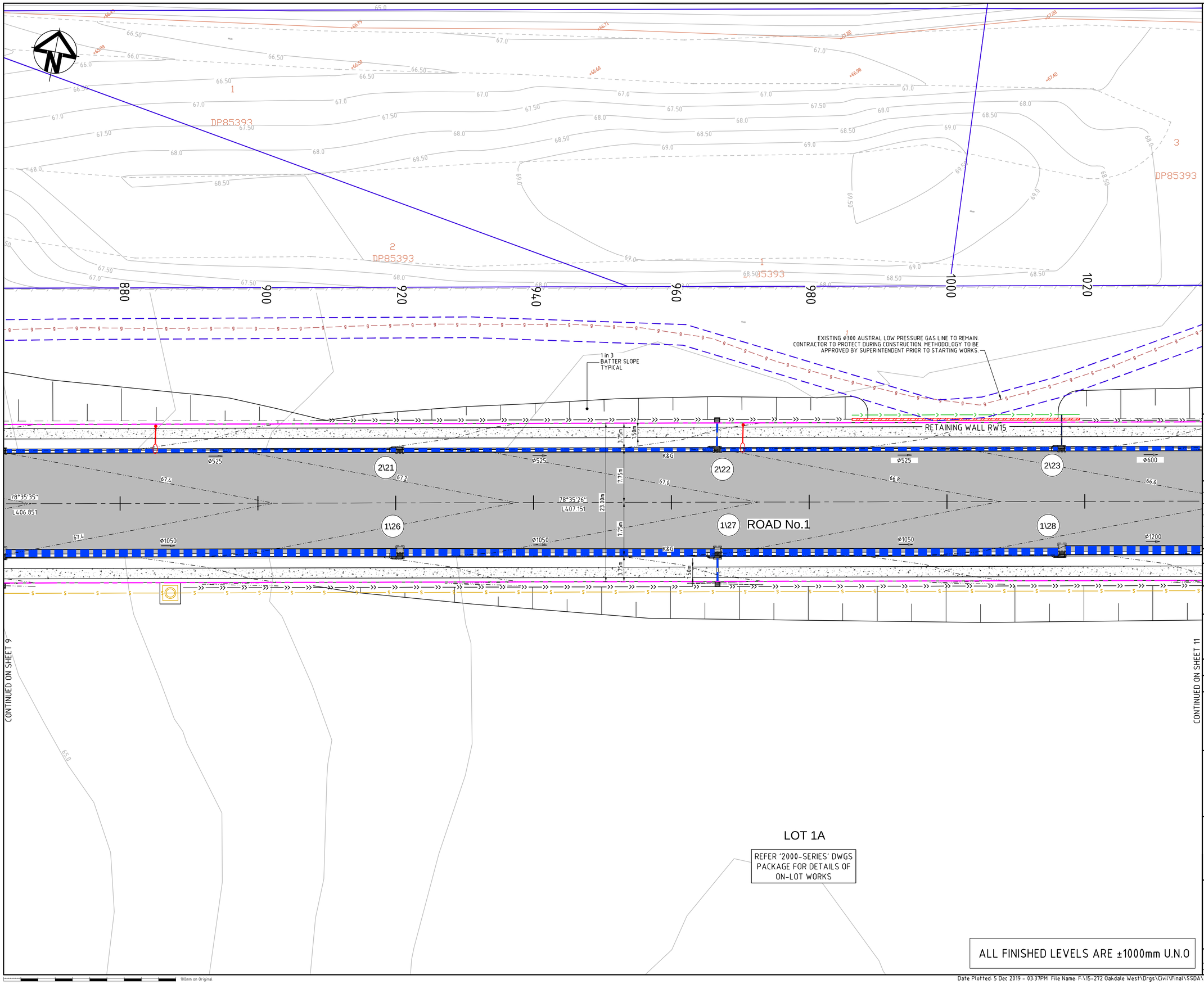
Title

ROADWORKS AND STORMWATER DRAINAGE PLAN
SHEET 9 OF 16

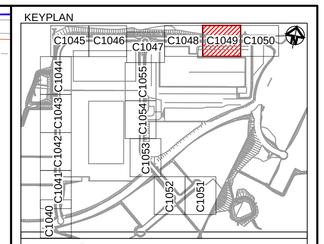
Drawing No.	Project No.	Issue
15-272-C1048	15-272	A8

100mm on Original

Date Plotted: 5 Dec 2019 - 03:36PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1048.dwg V1



KEYPLAN



LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- 60.0 EXISTING CONTOUR
- PROPOSED BOUNDARY
- 65.0 PROPOSED CONTOUR
- PROPOSED KERB AND GUTTER
- SWALE
- 375ø PROPOSED STORMWATER PIPE WITH SIZE
- PROPOSED KERB INLET PIT
- PROPOSED HEADWALL
- 375ø BOUNDARY CATCH DRAIN PIT AND PIPE SUBJECT TO DETAILED DESIGN
- 3\1 PROPOSED STORMWATER PIT NUMBER
- PROPOSED RETAINING WALL - FILL
- PROPOSED RETAINING WALL - CUT
- FUTURE RETAINING WALL NOT PART OF THIS APPROVAL
- PROPOSED GUARD RAIL
- PROPOSED FLEXIBLE ROAD PAVEMENT
- PROPOSED TEMPORARY ROAD PAVEMENT
- PROPOSED CONCRETE FOOTPATH
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- HAUL ROAD TEMPORARY PAVEMENT

Bar Scales

0 5 10 15 20

1 : 250 @ A1 1 : 500 @ A3

Issue	Description	Date
A3	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A2	ISSUED FOR INFORMATION MOD 3	19-11-19
A1	ISSUED FOR INFORMATION MOD 3	12-11-19

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION
A1

Scales	1 : 250	15-272-C1049.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

Goodman

Civil Engineers and Project Managers

at&l
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

Project
PROPOSED INDUSTRIAL DEVELOPMENT
OAKDALE WEST

Title
ROADWORKS AND STORMWATER DRAINAGE PLAN
SHEET 10 OF 16

Drawing No.	Project No.	Issue
15-272-C1049	15-272	A3

100mm on Original

Date Plotted: 5 Dec 2019 - 03:37PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1049.dwg V1

ALL FINISHED LEVELS ARE ±1000mm U.N.O

ACCESS RAMP

DIRT TRACK

POWER POLE

PROPOSED ACCIACCESS GATE

TC 1067.271

WIRE FENCE

EXTEND WATERNSW ACCESS TRACK TO ROAD No.1.

VEHICULAR CROSSOVER IN ACCORDANCE WITH PENRITH CITY COUNCIL STANDARDS. LOCATION SUBJECT TO DETAILED DESIGN.

1 in 3 BATTER SLOPE TYPICAL

ROAD No.1

R720.00

L148.362

K&G

VC

AMENITIES LOT

LIMIT OF STAGE 1 ROADWORKS

LOT 1A

REFER '2000-SERIES' DWGS PACKAGE FOR DETAILS OF ON-LOT WORKS

CONTINUED ON SHEET 10

KEYPLAN

C1040 C1041 C1042 C1043 C1044 C1045 C1046 C1047 C1048 C1049 C1050 C1051 C1052 C1053 C1054 C1055

LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- 60.0 EXISTING CONTOUR
- PROPOSED BOUNDARY
- 65.0 PROPOSED CONTOUR
- PROPOSED KERB AND GUTTER
- SWALE
- 375ø PROPOSED STORMWATER PIPE WITH SIZE
- PROPOSED KERB INLET PIT
- PROPOSED HEADWALL
- 375ø BOUNDARY CATCH DRAIN PIT AND PIPE SUBJECT TO DETAILED DESIGN
- 3\1 PROPOSED STORMWATER PIT NUMBER
- PROPOSED RETAINING WALL - FILL
- PROPOSED RETAINING WALL - CUT
- FUTURE RETAINING WALL NOT PART OF THIS APPROVAL
- PROPOSED GUARD RAIL
- PROPOSED FLEXIBLE ROAD PAVEMENT
- PROPOSED TEMPORARY ROAD PAVEMENT
- PROPOSED CONCRETE FOOTPATH
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- HAUL ROAD TEMPORARY PAVEMENT

Bar Scales

0 5 10 15 20

1 : 250 @ A1 1 : 500 @ A3

Issue	Description	Date
A3	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A2	ISSUED FOR INFORMATION MOD 3	19-11-19
A1	ISSUED FOR INFORMATION MOD 3	12-11-19

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

Status: MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION — A1

Scales	1 : 250	15-272-C1050.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

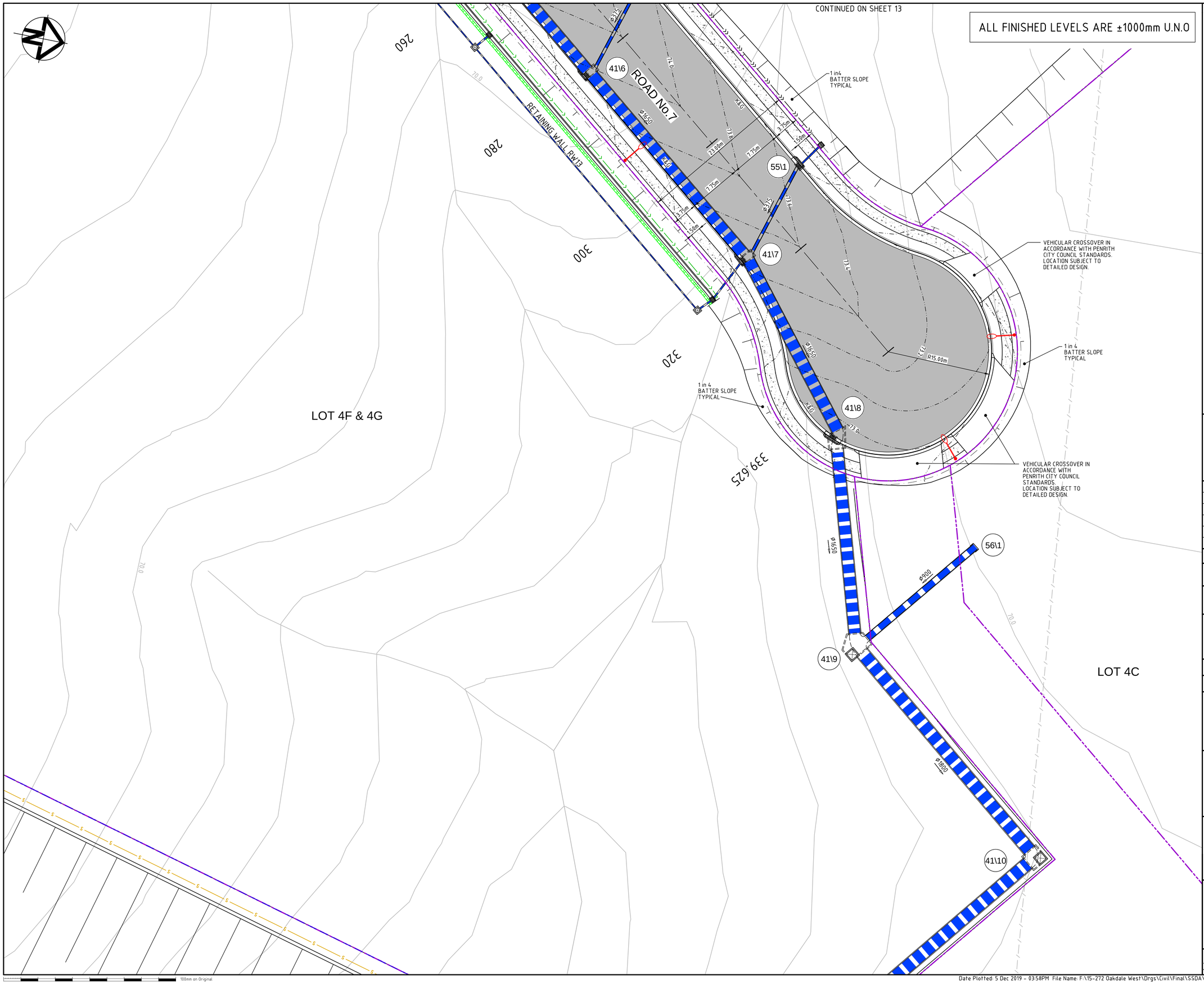
Client: Goodman

Civil Engineers and Project Managers
at&l
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

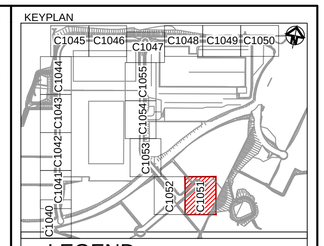
Project: PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title: ROADWORKS AND STORMWATER DRAINAGE PLAN
SHEET 11 OF 16

Drawing No.	Project No.	Issue
15-272-C1050	15-272	A3



KEYPLAN



LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- 60.0 EXISTING CONTOUR
- PROPOSED BOUNDARY
- 65.0 PROPOSED CONTOUR
- PROPOSED KERB AND GUTTER
- SWALE
- 375ø PROPOSED STORMWATER PIPE WITH SIZE
- PROPOSED KERB INLET PIT
- PROPOSED HEADWALL
- 375ø BOUNDARY CATCH DRAIN PIT AND PIPE SUBJECT TO DETAILED DESIGN
- 3\1 PROPOSED STORMWATER PIT NUMBER
- PROPOSED RETAINING WALL - FILL
- PROPOSED RETAINING WALL - CUT
- FUTURE RETAINING WALL NOT PART OF THIS APPROVAL
- PROPOSED GUARD RAIL
- PROPOSED FLEXIBLE ROAD PAVEMENT
- PROPOSED TEMPORARY ROAD PAVEMENT
- PROPOSED CONCRETE FOOTPATH
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- HAUL ROAD TEMPORARY PAVEMENT

Bar Scales

0 5 10 15 20

1 : 250 @ A1 1 : 500 @ A3

Issue	Description	Date
A3	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A2	ISSUED FOR INFORMATION MOD 3	19-11-19
A1	ISSUED FOR INFORMATION MOD 3	12-11-19

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION
A1

Scales	1 : 250	15-272-C1051.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

Goodman

Civil Engineers and Project Managers
at&l
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

Project
PROPOSED INDUSTRIAL DEVELOPMENT
OAKDALE WEST

Title
ROADWORKS AND STORMWATER DRAINAGE PLAN
SHEET 12 OF 16

Drawing No.	Project No.	Issue
15-272-C1051	15-272	A3

100mm on Original

Date Plotted: 5 Dec 2019 - 03:58PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1051.dwg V1

ALL FINISHED LEVELS ARE ±1000mm U.N.O

LOT 4B

FUTURE ROAD No.7

RETAINING WALL RW12

RETAINING WALL RW13

ROAD No.6

ROAD No.7

LIMIT OF STAGE 1 ROADWORKS

TRANSITION FROM KERB AND GUTTER TO KERB AND TOW OVER 5m

1 in 3 BATTER SLOPE TYPICAL

1 in 4 BATTER SLOPE TYPICAL

VEHICULAR CROSSOVER IN ACCORDANCE WITH PENRITH CITY COUNCIL STANDARDS. LOCATION SUBJECT TO DETAILED DESIGN.

SERVICES LOT

LOT 4F & 4G

LOT 4C

CREST 58.957

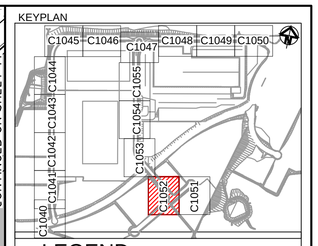
180.187

21.0.064

CONTINUED ON SHEET 12

CONTINUED ON SHEET 14

KEYPLAN



LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- 60.0 EXISTING CONTOUR
- PROPOSED BOUNDARY
- 65.0 PROPOSED CONTOUR
- PROPOSED KERB AND GUTTER
- SWALE
- 375ø PROPOSED STORMWATER PIPE WITH SIZE
- PROPOSED KERB INLET PIT
- PROPOSED HEADWALL
- 375ø BOUNDARY CATCH DRAIN PIT AND PIPE SUBJECT TO DETAILED DESIGN
- 3\1 PROPOSED STORMWATER PIT NUMBER
- PROPOSED RETAINING WALL - FILL
- PROPOSED RETAINING WALL - CUT
- FUTURE RETAINING WALL NOT PART OF THIS APPROVAL
- PROPOSED GUARD RAIL
- PROPOSED FLEXIBLE ROAD PAVEMENT
- PROPOSED TEMPORARY ROAD PAVEMENT
- PROPOSED CONCRETE FOOTPATH
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- HAUL ROAD TEMPORARY PAVEMENT

Bar Scales

0 5 10 15 20

1 : 250 @ A1 1 : 500 @ A3

Issue	Description	Date
A3	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A2	ISSUED FOR INFORMATION MOD 3	19-11-19
A1	ISSUED FOR INFORMATION MOD 3	12-11-19

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

Status: MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION — A1

Scales	1 : 250	15-272-C1052.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client: Goodman

Civil Engineers and Project Managers
at&l
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

Project: PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title: ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 13 OF 16

Drawing No.	Project No.	Issue
15-272-C1052	15-272	A3

ALL FINISHED LEVELS ARE ±1000mm U.N.O

LOT 2B

REFER '7100-SERIES' DWGS PACKAGE FOR DETAILS OF ON-LOT WORKS

ROAD No.1

FUTURE SOUTHERN LINK ROAD

VEHICULAR CROSSOVER IN ACCORDANCE WITH PENRITH CITY COUNCIL STANDARDS.

VEHICULAR CROSSOVER IN ACCORDANCE WITH PENRITH CITY COUNCIL STANDARDS.

CONSTRUCTION ACCESS ROAD SUBJECT TO SEPARATE APPROVAL

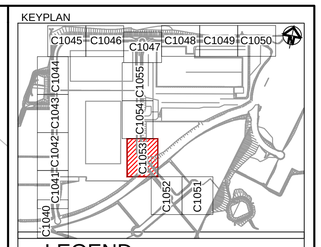
LOT 1B & 1C

REFER '2000-SERIES' DWGS PACKAGE FOR DETAILS OF ON-LOT WORKS

CONTINUED ON SHEET 13

CONTINUED ON SHEET 15

KEYPLAN



LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- 60.0 EXISTING CONTOUR
- PROPOSED BOUNDARY
- 65.0 PROPOSED CONTOUR
- PROPOSED KERB AND GUTTER
- SWALE
- 375ø PROPOSED STORMWATER PIPE WITH SIZE
- PROPOSED KERB INLET PIT
- PROPOSED HEADWALL
- 375ø BOUNDARY CATCH DRAIN PIT AND PIPE SUBJECT TO DETAILED DESIGN
- 3\1 PROPOSED STORMWATER PIT NUMBER
- PROPOSED RETAINING WALL - FILL
- PROPOSED RETAINING WALL - CUT
- FUTURE RETAINING WALL NOT PART OF THIS APPROVAL
- PROPOSED GUARD RAIL
- PROPOSED FLEXIBLE ROAD PAVEMENT
- PROPOSED TEMPORARY ROAD PAVEMENT
- PROPOSED CONCRETE FOOTPATH
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- HAUL ROAD TEMPORARY PAVEMENT

Bar Scales

0 5 10 15 20

1 : 250 @ A1 1 : 500 @ A3

Issue	Description	Date
A3	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A2	ISSUED FOR INFORMATION MOD 3	19-11-19
A1	ISSUED FOR INFORMATION MOD 3	12-11-19

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

Status: MOD 3 APPROVAL — NOT TO BE USED FOR CONSTRUCTION — A1

Scales	1 : 250	15-272-C1053.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client: Goodman

Civil Engineers and Project Managers
at&l
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

Project: PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title: ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 14 OF 16

Drawing No.	Project No.	Issue
15-272-C1053	15-272	A3

100mm on Original

Date Plotted: 5 Dec 2019 - 03:57PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1053.dwg V1

ALL FINISHED LEVELS ARE ±1000mm U.N.O

LOT 2B

REFER '7100-SERIES' DWGS PACKAGE FOR DETAILS OF ON-LOT WORKS

180 200 220 240 260 280 300 320 340

ROAD No.1

2\6 2\7 2\8

1\6 1\7 1\8 1\9

4\1

Ø375 Ø375 Ø375 Ø450

Ø750 Ø750 Ø750 Ø825

K&G K&G

74.4 74.0 73.6 73.2 72.8 72.4 72.0 71.6

3.75m 5.0m 7.75m 23.00m 7.75m 3.75m 1.5m

348°43'12"
L 438.008

VC VC VC

VEHICULAR CROSSOVER IN ACCORDANCE WITH PENRITH CITY COUNCIL STANDARDS. LOCATION SUBJECT TO DETAILED DESIGN.

VEHICULAR CROSSOVER IN ACCORDANCE WITH PENRITH CITY COUNCIL STANDARDS. LOCATION SUBJECT TO DETAILED DESIGN.

VEHICULAR CROSSOVER IN ACCORDANCE WITH PENRITH CITY COUNCIL STANDARDS. LOCATION SUBJECT TO DETAILED DESIGN.

CONTINUED ON SHEET 14

CONTINUED ON SHEET 16

RETAINING WALL RW20

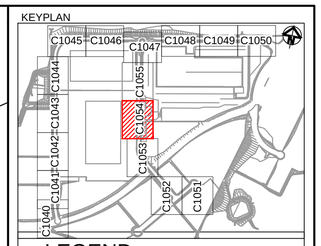
REFER '2000-SERIES' DWGS PACKAGE FOR DETAILS OF ON-LOT WORKS

LOT 1B & 1C

LOT 1A

80.0 75.0

KEYPLAN



LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- 60.0 EXISTING CONTOUR
- PROPOSED BOUNDARY
- 65.0 PROPOSED CONTOUR
- PROPOSED KERB AND GUTTER
- SWALE
- 375ø PROPOSED STORMWATER PIPE WITH SIZE
- PROPOSED KERB INLET PIT
- PROPOSED HEADWALL
- 375ø BOUNDARY CATCH DRAIN PIT AND PIPE SUBJECT TO DETAILED DESIGN
- 3\1 PROPOSED STORMWATER PIT NUMBER
- PROPOSED RETAINING WALL - FILL
- PROPOSED RETAINING WALL - CUT
- FUTURE RETAINING WALL NOT PART OF THIS APPROVAL
- PROPOSED GUARD RAIL
- PROPOSED FLEXIBLE ROAD PAVEMENT
- PROPOSED TEMPORARY ROAD PAVEMENT
- PROPOSED CONCRETE FOOTPATH
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- HAUL ROAD TEMPORARY PAVEMENT

Bar Scales

0 5 10 15 20

1 : 250 @ A1 1 : 500 @ A3

Issue	Description	Date
A3	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A2	ISSUED FOR INFORMATION MOD 3	19-11-19
A1	ISSUED FOR INFORMATION MOD 3	12-11-19

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION
A1

Scales	1 : 250	15-272-C1054.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

Goodman

Civil Engineers and Project Managers
at&l
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

Project
PROPOSED INDUSTRIAL DEVELOPMENT
OAKDALE WEST

Title
ROADWORKS AND STORMWATER DRAINAGE PLAN
SHEET 15 OF 16

Drawing No.	Project No.	Issue
15-272-C1054	15-272	A3

100mm on Original

Date Plotted: 5 Dec 2019 - 03:57PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1054.dwg V1

ALL FINISHED LEVELS ARE ±1000mm U.N.O

LOT 2B

REFER '7100-SERIES' DWGS PACKAGE FOR DETAILS OF ON-LOT WORKS

LOT 2A

360 380 400 420 440 460 480 500

VEHICULAR CROSSOVER IN ACCORDANCE WITH PENRITH CITY COUNCIL STANDARDS. LOCATION SUBJECT TO DETAILED DESIGN.

VEHICULAR CROSSOVER IN ACCORDANCE WITH PENRITH CITY COUNCIL STANDARDS. LOCATION SUBJECT TO DETAILED DESIGN.

ROAD No.1

2\9 2\10 2\11 2\12

1\10 1\11 1\12 1\13

K&G ø450 ø825 ø900 VC 23.00m 7.75m 3.75m 1.50m

CONTINUED ON SHEET 15

CONTINUED ON SHEET 8

LOT 1A

REFER '2000-SERIES' DWGS PACKAGE FOR DETAILS OF ON-LOT WORKS

KEYPLAN

C1040 C1041 C1042 C1043 C1044 C1045 C1046 C1047 C1048 C1049 C1050 C1051 C1052 C1053 C1054 C1055

LEGEND

- EXISTING BOUNDARY
- EXISTING EASEMENT
- 60.0 EXISTING CONTOUR
- PROPOSED BOUNDARY
- 65.0 PROPOSED CONTOUR
- PROPOSED KERB AND GUTTER
- SWALE
- 375ø PROPOSED STORMWATER PIPE WITH SIZE
- PROPOSED KERB INLET PIT
- PROPOSED HEADWALL
- 375ø BOUNDARY CATCH DRAIN PIT AND PIPE SUBJECT TO DETAILED DESIGN
- 3\1 PROPOSED STORMWATER PIT NUMBER
- PROPOSED RETAINING WALL - FILL
- PROPOSED RETAINING WALL - CUT
- FUTURE RETAINING WALL NOT PART OF THIS APPROVAL
- PROPOSED GUARD RAIL
- PROPOSED FLEXIBLE ROAD PAVEMENT
- PROPOSED TEMPORARY ROAD PAVEMENT
- PROPOSED CONCRETE FOOTPATH
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- HAUL ROAD TEMPORARY PAVEMENT

Bar Scales

0 5 10 15 20

1 : 250 @ A1 1 : 500 @ A3

Issue	Description	Date
A3	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A2	ISSUED FOR INFORMATION MOD 3	19-11-19
A1	ISSUED FOR INFORMATION MOD 3	12-11-19

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

Status: MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 250	15-272-C1055.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client: Goodman

Civil Engineers and Project Managers
at&l
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

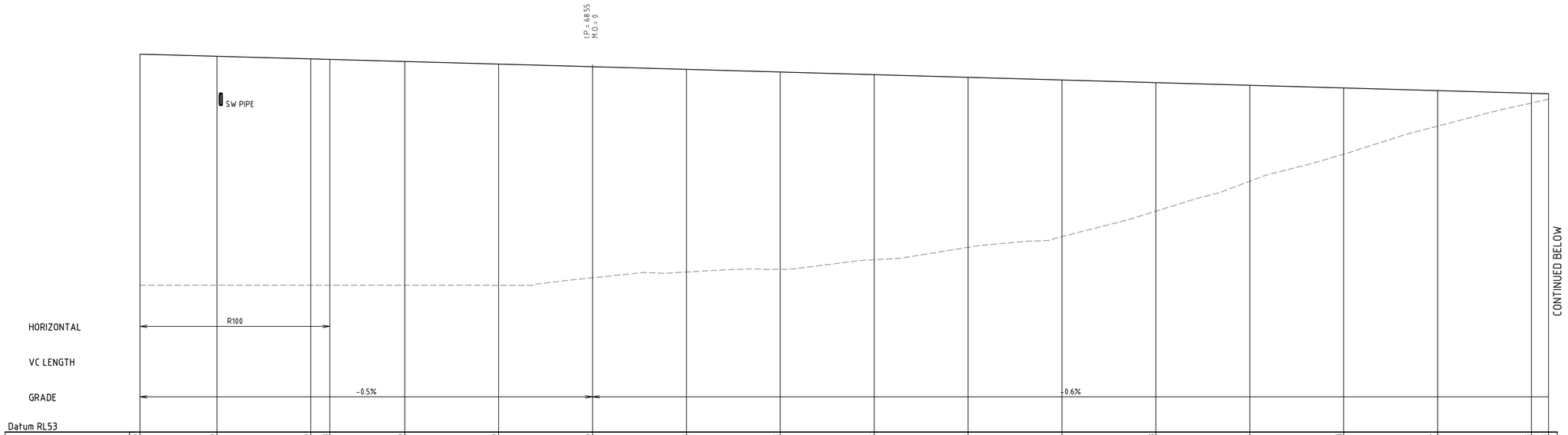
Project: PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title: ROADWORKS AND STORMWATER DRAINAGE PLAN SHEET 16 OF 16

Drawing No.	Project No.	Issue
15-272-C1055	15-272	A3

100mm on Original

Date Plotted: 5 Dec 2019 - 03:59PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1055.dwg V1



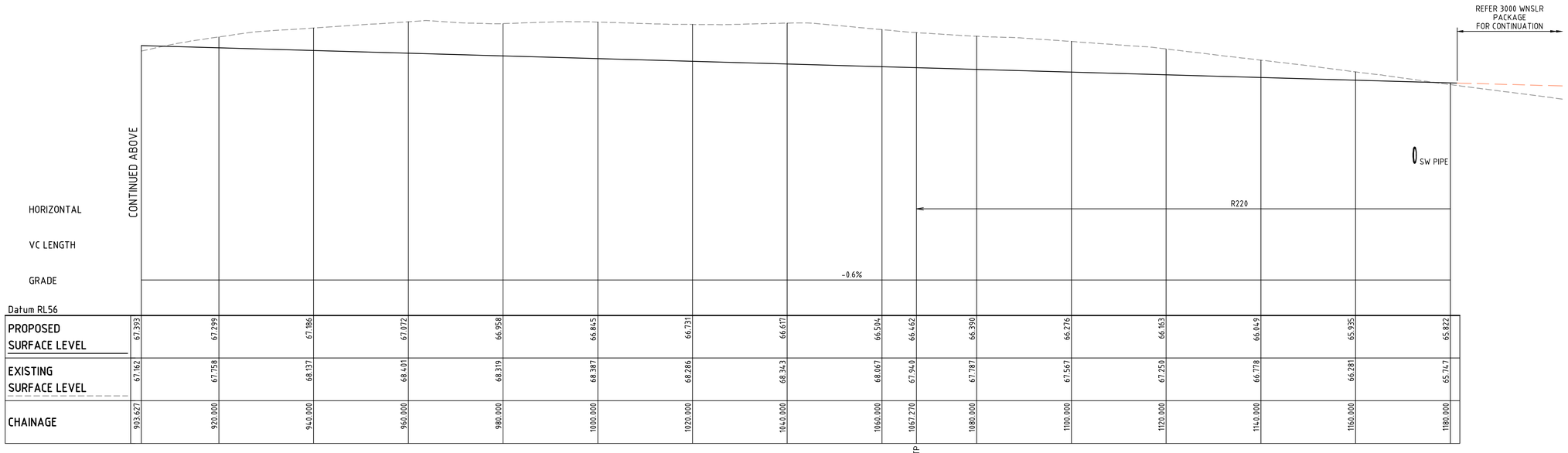
Datum RL53

PROPOSED SURFACE LEVEL	69.080	68.990	68.880	68.858	68.770	68.660	68.550	68.436	68.323	68.209	68.095	67.982	67.868	67.754	67.641	67.527	67.413	67.393
EXISTING SURFACE LEVEL	59.252	59.253	59.251	59.250	59.248	59.246	59.565	59.810	59.926	60.334	60.864	61.317	62.399	63.674	64.825	66.016	67.081	67.162
CHAINAGE	603.627	620.000	640.000	644.079	660.000	680.000	700.000	720.000	740.000	760.000	780.000	800.000	820.000	840.000	860.000	880.000	900.000	903.627

TP

CL01 LONGITUDINAL SECTION

SCALE 1:500 HORI.
1:100 VERT.



Datum RL56

PROPOSED SURFACE LEVEL	67.393	67.299	67.186	67.072	66.958	66.845	66.731	66.617	66.504	66.462	66.390	66.276	66.163	66.049	65.935	65.822
EXISTING SURFACE LEVEL	67.162	67.758	68.137	68.401	68.319	68.387	68.286	68.343	68.067	67.940	67.787	67.567	67.250	66.778	66.281	65.747
CHAINAGE	903.627	920.000	940.000	960.000	980.000	1000.000	1020.000	1040.000	1060.000	1067.270	1080.000	1100.000	1120.000	1140.000	1160.000	1180.000

TP

CL01 LONGITUDINAL SECTION

SCALE 1:500 HORI.
1:100 VERT.

ALL FINISHED LEVELS ARE ±1000mm U.N.O

Bar Scales

0 2 4 6 8
1 : 100 @ A1 1 : 200 @ A3

0 10 20 30 40
1 : 500 @ A1 1 : 1000 @ A3

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 100 V 1 : 500 H	15-272-C1060.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

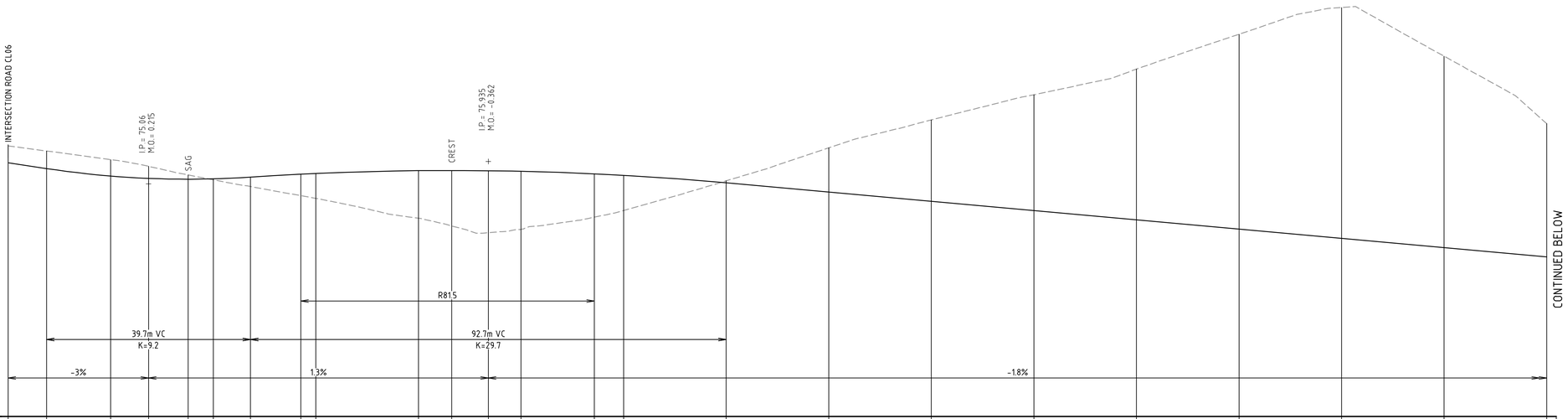
Client

Civil Engineers and Project Managers
at&l
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

Project
PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title
ROAD LONGITUDINAL SECTIONS
SHEET 1 OF 6

Drawing No.	Project No.	Issue
15-272-C1060	15-272	A9

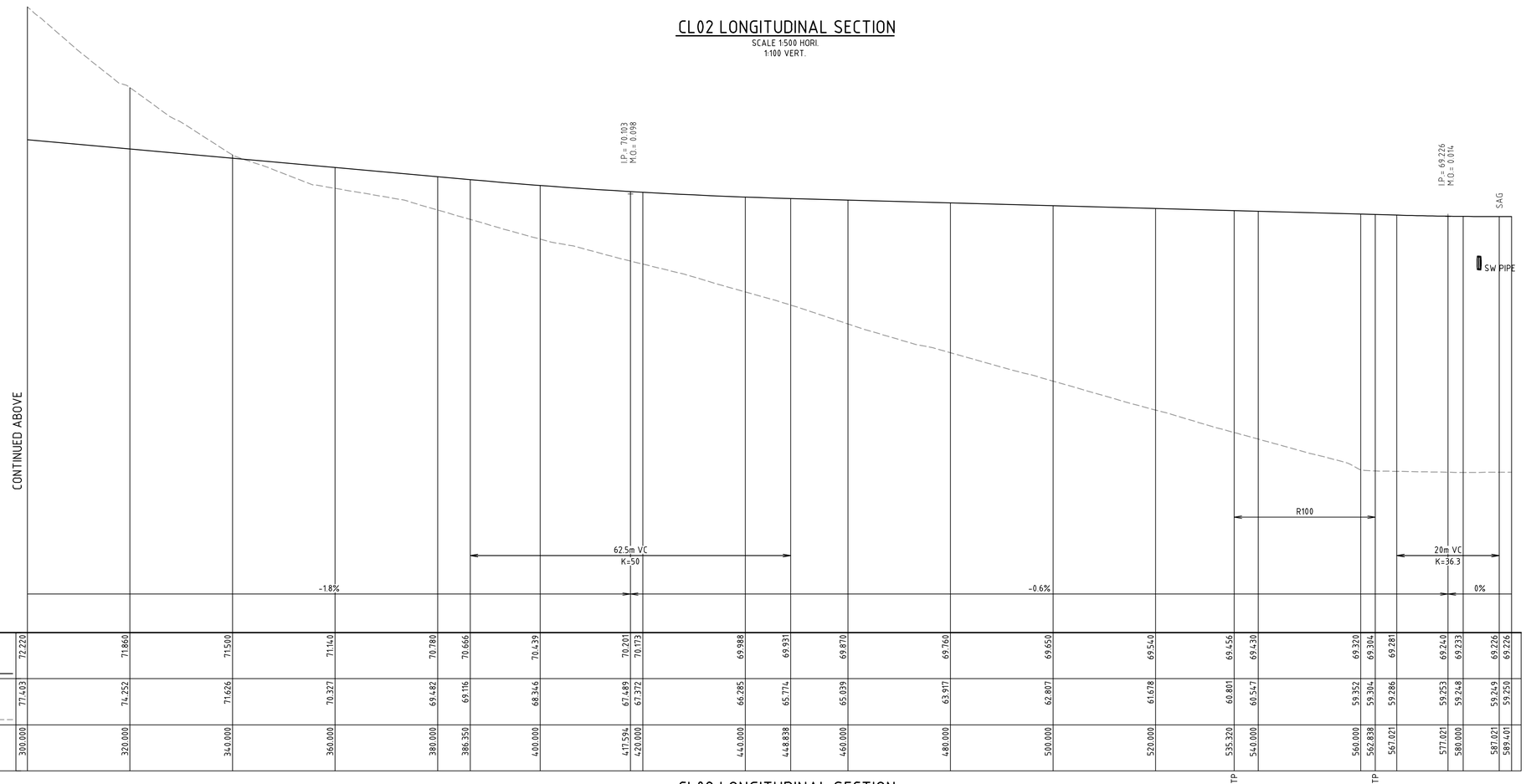


Datum RL66

PROPOSED SURFACE LEVEL	75.882	75.657	75.367	75.275	75.243	75.256	75.323	75.436	75.464	75.575	75.582	75.573	75.551	75.451	75.393	75.100	74.740	74.380	74.020	73.660	73.300	72.940	72.580	72.220
EXISTING SURFACE LEVEL	76.538	76.342	76.005	75.745	75.409	75.219	74.956	74.603	74.495	73.723	73.423	73.160	73.289	73.763	74.024	75.178	76.465	77.552	78.529	79.529	80.889	81.928	80.032	77.403
CHAINAGE	0.000	7.500	20.000	27.375	35.106	40.000	47.250	57.058	60.000	80.000	86.485	93.625	100.000	114.310	120.000	140.000	160.000	180.000	200.000	220.000	240.000	260.000	280.000	300.000
	TP								TP						TP									

CL02 LONGITUDINAL SECTION

SCALE 1:500 HORI.
1:100 VERT.



Datum RL53

PROPOSED SURFACE LEVEL	72.220	71.860	71.500	71.140	70.780	70.666	70.439	70.201	70.173	69.988	69.931	69.870	69.760	69.650	69.540	69.456	69.430	69.320	69.304	69.281	69.240	69.233	69.226	69.226
EXISTING SURFACE LEVEL	77.403	74.252	71.626	70.327	69.482	69.116	68.346	67.489	67.372	66.285	65.774	65.039	63.917	62.807	61.678	60.801	60.547	59.352	59.304	59.286	59.253	59.248	59.249	59.250
CHAINAGE	300.000	320.000	340.000	360.000	380.000	386.350	400.000	417.594	420.000	440.000	448.838	460.000	480.000	500.000	520.000	535.320	540.000	560.000	562.838	567.021	577.021	580.000	587.021	589.401
																TP			TP					

CL02 LONGITUDINAL SECTION

SCALE 1:500 HORI.
1:100 VERT.

ALL FINISHED LEVELS ARE ±1000mm U.N.O

Bar Scales

0 2 4 6 8
1 : 100 @ A1 1 : 200 @ A3

0 10 20 30 40
1 : 500 @ A1 1 : 1000 @ A3

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION
A1

Scales	1 : 100 V 1 : 500 H	15-272-C1061.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

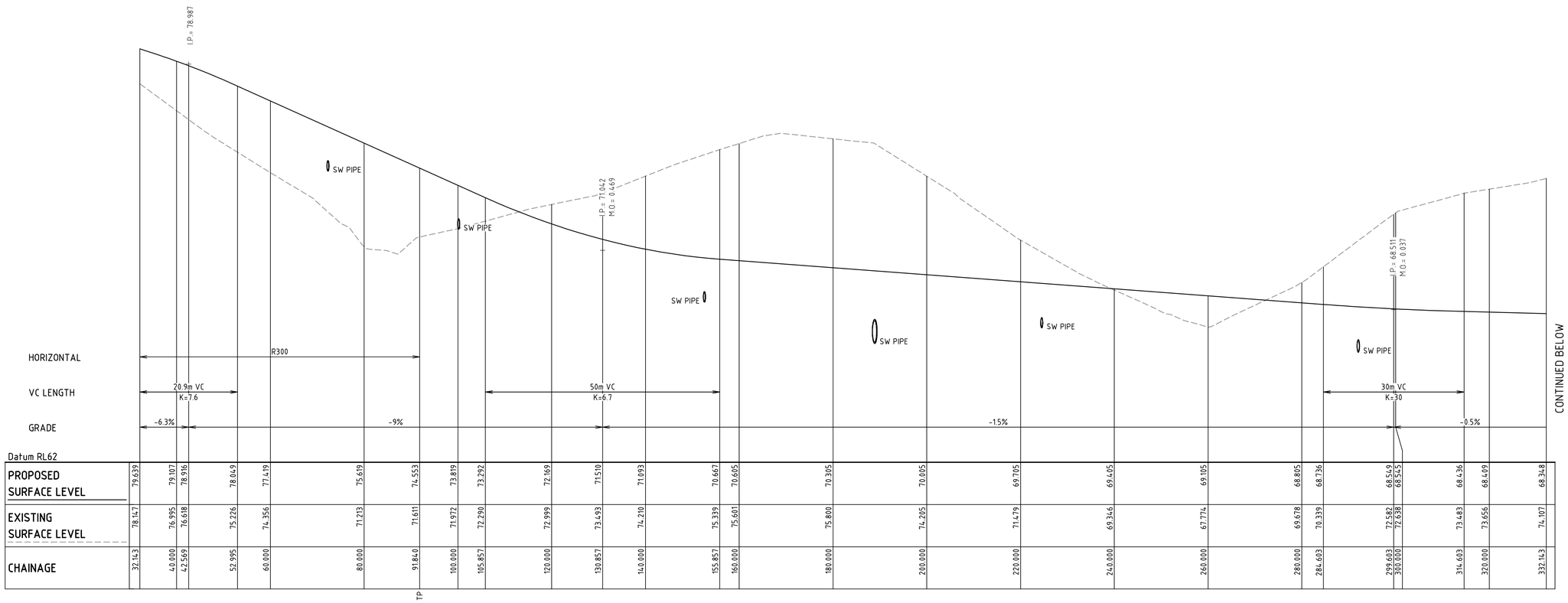
Client

Civil Engineers and Project Managers
at&l
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

Project
PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title
ROAD LONGITUDINAL SECTIONS
SHEET 2 OF 6

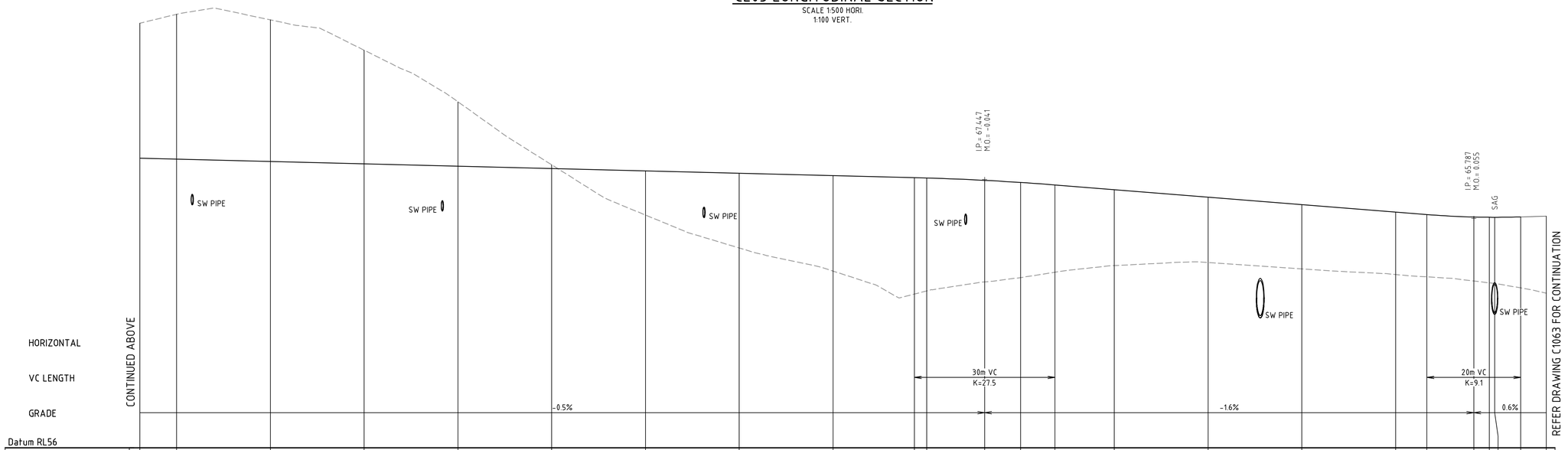
Drawing No.	Project No.	Issue
15-272-C1061	15-272	A9



PROPOSED SURFACE LEVEL	79.639	79.107	78.916	78.049	77.419	75.619	74.553	73.819	73.292	72.169	71.510	71.093	70.667	70.605	70.305	70.005	69.705	69.405	69.105	68.805	68.736	68.549	68.545	68.436	68.409	68.348
EXISTING SURFACE LEVEL	78.147	76.995	76.618	75.226	74.356	71.213	71.611	71.972	72.290	72.999	73.493	74.210	75.339	75.601	75.800	74.205	71.479	69.346	67.774	69.678	70.339	72.582	72.638	73.483	73.656	74.107
CHAINAGE	32.143	40.000	42.569	52.995	60.000	80.000	91.840	100.000	105.857	120.000	130.857	140.000	155.857	160.000	180.000	200.000	220.000	240.000	260.000	280.000	284.603	299.603	300.000	314.603	320.000	332.143

CL03 LONGITUDINAL SECTION

SCALE 1:500 HORI.
1:100 VERT.



PROPOSED SURFACE LEVEL	68.348	68.309	68.209	68.109	68.009	67.909	67.809	67.709	67.609	67.522	67.508	67.406	67.316	67.208	67.007	66.689	66.371	66.053	65.946	65.842	65.832	65.831	65.848	65.882
EXISTING SURFACE LEVEL	74.107	74.490	74.249	72.956	70.755	68.069	65.926	64.523	63.538	62.557	62.692	63.075	63.260	63.487	63.770	63.900	63.629	63.389	63.290	63.114	63.034	63.007	62.821	62.597
CHAINAGE	332.143	340.000	360.000	380.000	400.000	420.000	440.000	460.000	480.000	497.352	500.000	512.352	520.000	527.352	540.000	560.000	580.000	600.000	606.683	616.683	620.000	621.131	626.683	632.143

CL03 LONGITUDINAL SECTION

SCALE 1:500 HORI.
1:100 VERT.

ALL FINISHED LEVELS ARE ±1000mm U.N.O

Bar Scales

0 2 4 6 8
1 : 100 @ A1 1 : 200 @ A3

0 10 20 30 40
1 : 500 @ A1 1 : 1000 @ A3

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 100 V 1 : 500 H	15-272-C1062.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

Goodman

Civil Engineers and Project Managers
at&l
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

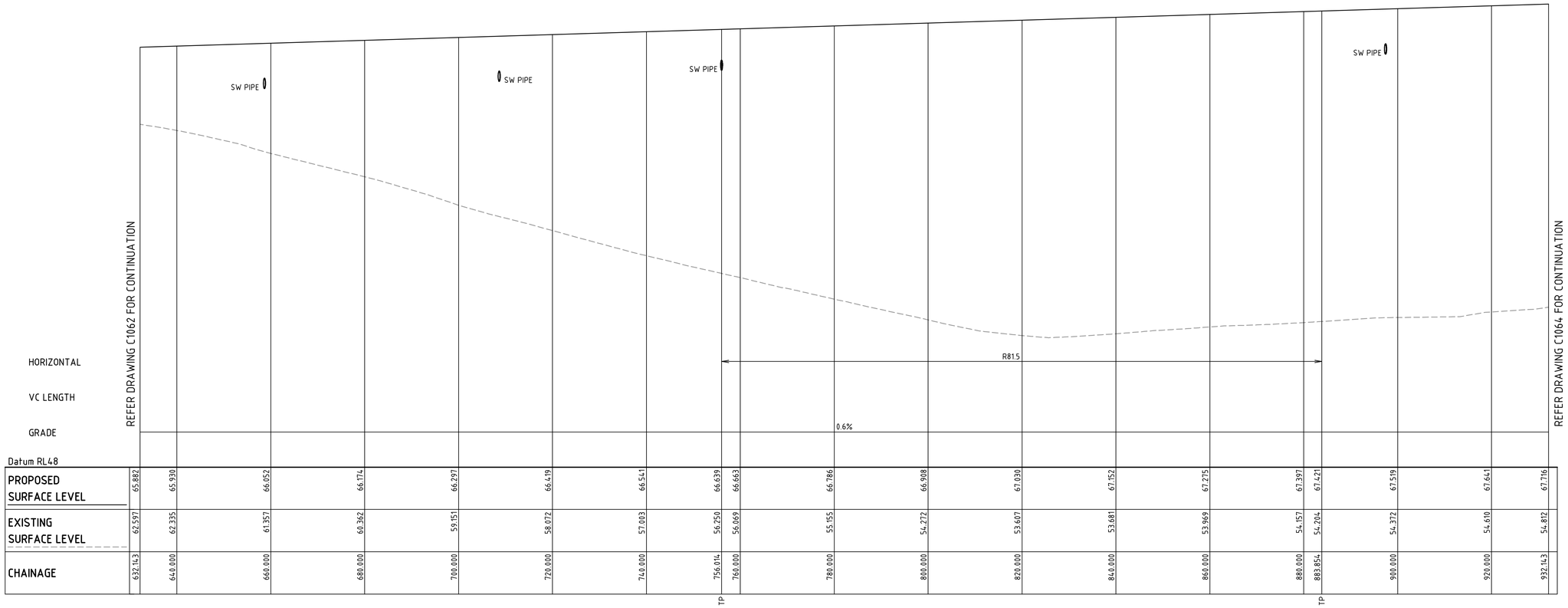
Project
PROPOSED INDUSTRIAL DEVELOPMENT
OAKDALE WEST

Title
ROAD LONGITUDINAL SECTIONS
SHEET 3 OF 6

Drawing No.	Project No.	Issue
15-272-C1062	15-272	A9

100mm on Original

Date Plotted: 5 Dec 2019 - 03:20PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1062.dwg V1



CL03 LONGITUDINAL SECTION

SCALE 1:500 HORI.
1:100 VERT.

ALL FINISHED LEVELS ARE ±1000mm U.N.O

Bar Scales

0 2 4 6 8
1 : 100 @ A1 1 : 200 @ A3

0 10 20 30 40
1 : 500 @ A1 1 : 1000 @ A3

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19

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&I.

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION
A1

Scales	1 : 100 V 1 : 500 H	15-272-C1063.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client
Goodman

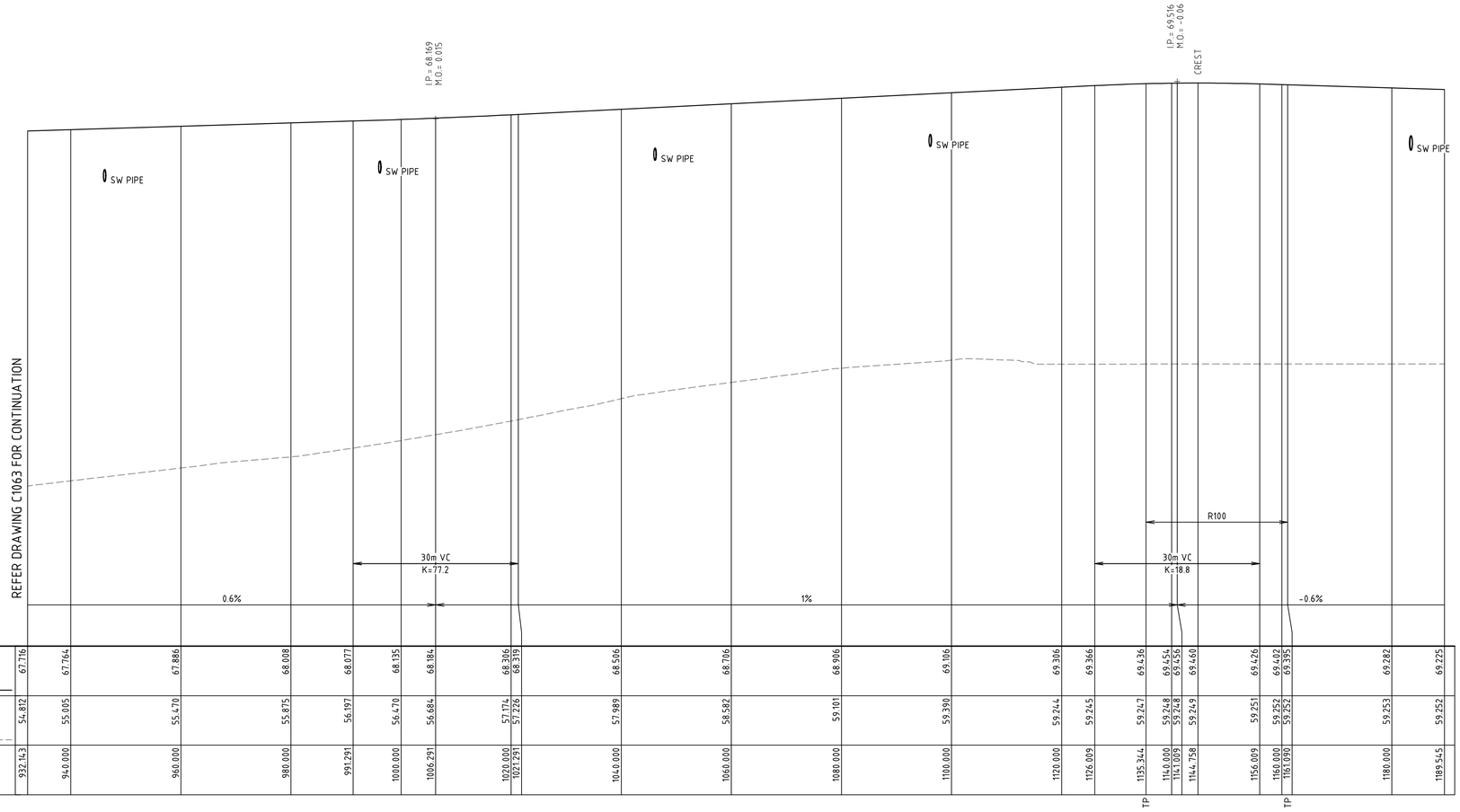
Civil Engineers and Project Managers

at&l
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

Project
PROPOSED INDUSTRIAL DEVELOPMENT
OAKDALE WEST

Title
ROAD LONGITUDINAL SECTIONS
SHEET 4 OF 6

Drawing No.	Project No.	Issue
15-272-C1063	15-272	A9



Datum RL49

PROPOSED SURFACE LEVEL	67.716	67.764	67.886	68.008	68.077	68.135	68.184	68.306	68.319	68.506	68.706	68.906	69.106	69.306	69.366	69.436	69.454	69.456	69.460	69.426	69.402	69.395	69.282	69.225
EXISTING SURFACE LEVEL	54.812	55.005	55.470	55.875	56.197	56.470	56.684	57.174	57.226	57.989	58.582	59.101	59.390	59.244	59.245	59.247	59.248	59.248	59.249	59.251	59.252	59.252	59.253	59.252
CHAINAGE	932.143	940.000	960.000	980.000	991.291	1000.000	1006.291	1020.000	1021.291	1040.000	1060.000	1080.000	1100.000	1120.000	1126.009	1135.344	1140.000	1141.009	1144.758	1156.009	1160.000	1161.690	1180.000	1189.545

CL03 LONGITUDINAL SECTION

SCALE 1:500 HORI.
1:100 VERT.

ALL FINISHED LEVELS ARE ±1000mm U.N.O

Bar Scales

0 2 4 6 8
1 : 100 @ A1 1 : 200 @ A3

0 10 20 30 40
1 : 500 @ A1 1 : 1000 @ A3

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION
A1

Scales	1 : 100 V 1 : 500 H	15-272-C1064.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

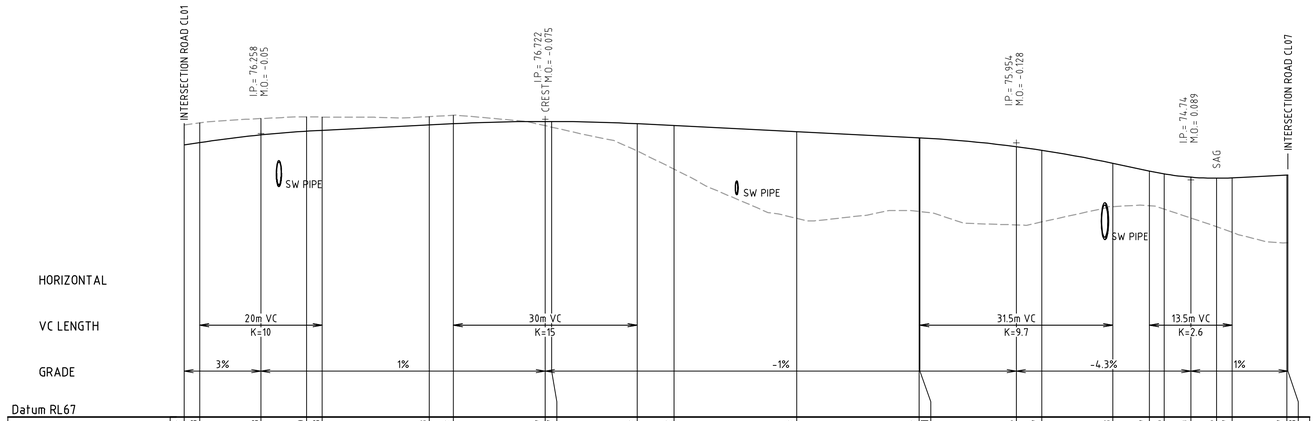
Client

Civil Engineers and Project Managers
at&l
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

Project
PROPOSED INDUSTRIAL DEVELOPMENT
OAKDALE WEST

Title
ROAD LONGITUDINAL SECTIONS
SHEET 5 OF 6

Drawing No.	Project No.	Issue
15-272-C1064	15-272	A9

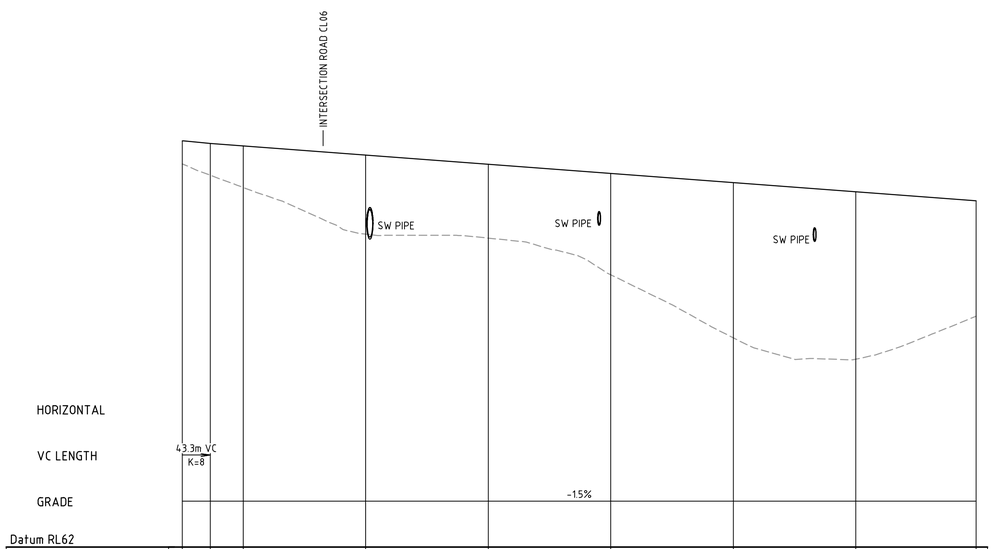


Datum RL67

PROPOSED SURFACE LEVEL	75.882	75.958	76.208	76.330	76.358	76.533	76.572	76.647	76.647	76.572	76.512	76.312	76.112	76.111	75.825	75.707	75.283	75.027	74.936	74.829	74.795	74.807	74.897	74.898
EXISTING SURFACE LEVEL	76.538	76.603	76.742	76.795	76.792	76.807	76.851	76.510	76.453	75.685	75.089	73.482	73.308	73.106	73.271	73.369	73.870	73.895	73.788	73.500	73.214	73.027	72.686	72.688
CHAINAGE	0.000	2.541	12.541	20.000	22.541	40.000	43.957	58.957	60.000	73.957	80.000	100.000	120.000	120.093	135.843	140.000	151.593	157.588	160.000	164.338	168.521	171.088	180.000	180.187

ROAD 06 (CL06) LONGITUDINAL SECTION

SCALE 1:500 HORI.
1:100 VERT.



Datum RL62

PROPOSED SURFACE LEVEL	75.256	75.175	75.094	74.794	74.494	74.194	73.894	73.594	73.300
EXISTING SURFACE LEVEL	74.506	74.133	73.735	72.213	72.082	70.883	68.827	68.129	69.533
CHAINAGE	210.064	214.625	220.000	240.000	260.000	280.000	300.000	320.000	339.625

ROAD (CL07) LONGITUDINAL SECTION

SCALE 1:500 HORI.
1:100 VERT.

ALL FINISHED LEVELS ARE ±1000mm U.N.O

Bar Scales

0 2 4 6 8
1 : 100 @ A1 1 : 200 @ A3

0 10 20 30 40
1 : 500 @ A1 1 : 1000 @ A3

Issue	Description	Date
A3	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A2	ISSUED FOR INFORMATION MOD 3	19-11-19
A1	ISSUED FOR INFORMATION MOD 3	12-11-19

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION
A1

Scales	1 : 100 V 1 : 500 H	15-272-C1065.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client
Goodman

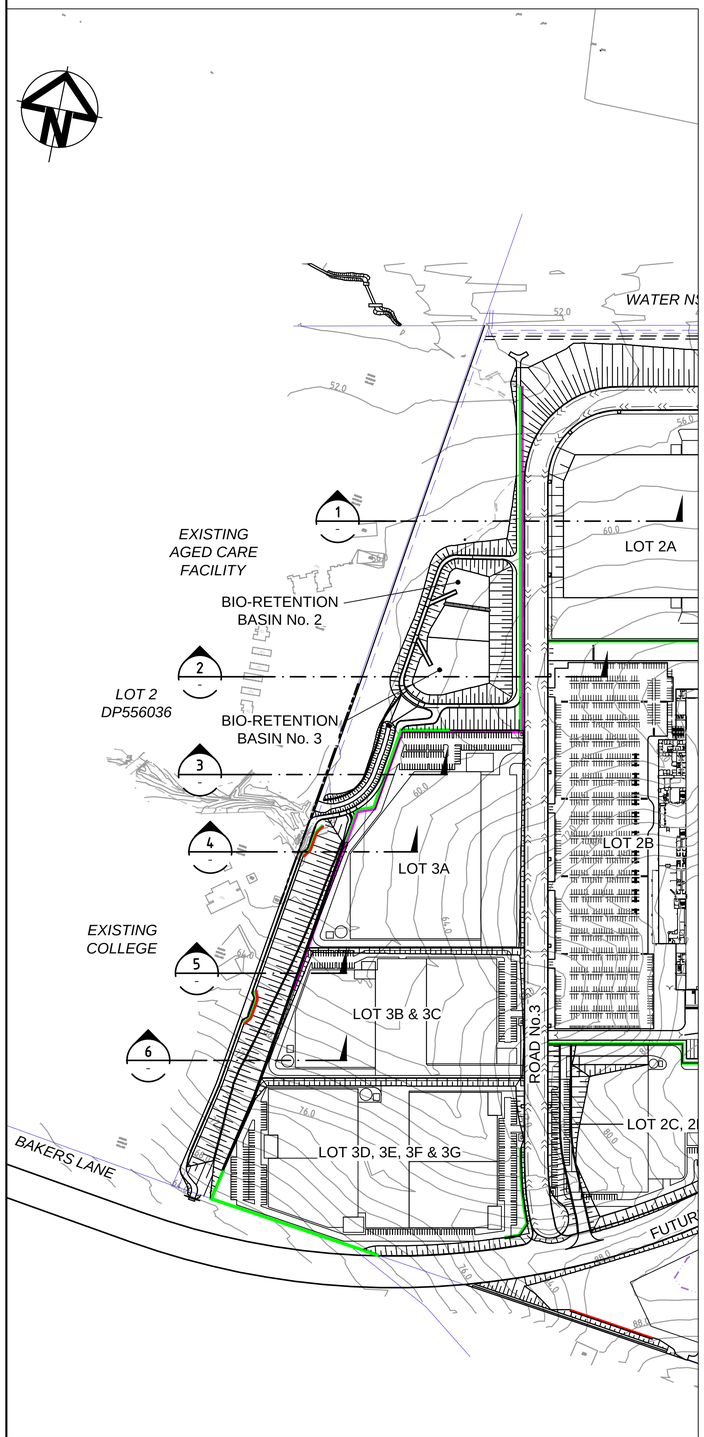
Civil Engineers and Project Managers
at&l
Level 7, 153 Walker Street
North Sydney NSW 2060
ABN 96 130 882 405
Tel: 02 9439 1777
Fax: 02 9923 1055
www.atl.net.au
info@atl.net.au

Project
PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title
ROAD LONGITUDINAL SECTIONS
SHEET 6 OF 6

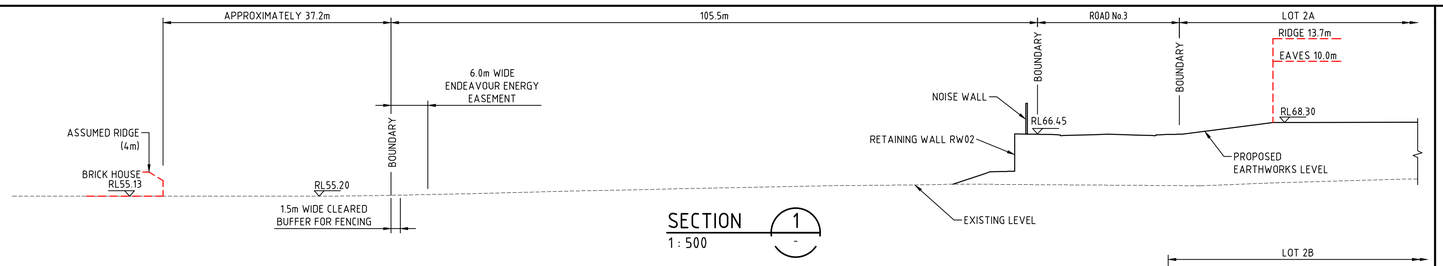
Drawing No.	Project No.	Issue
15-272-C1065	15-272	A3

100mm on Original

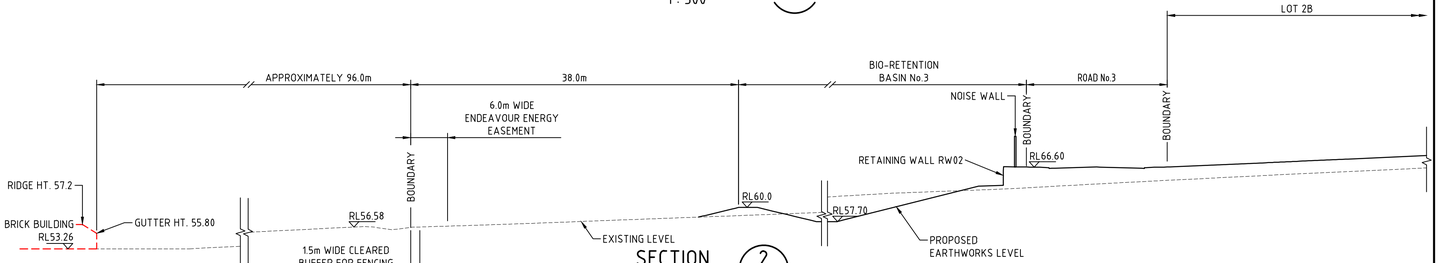


PLAN
SCALE 1 : 3000

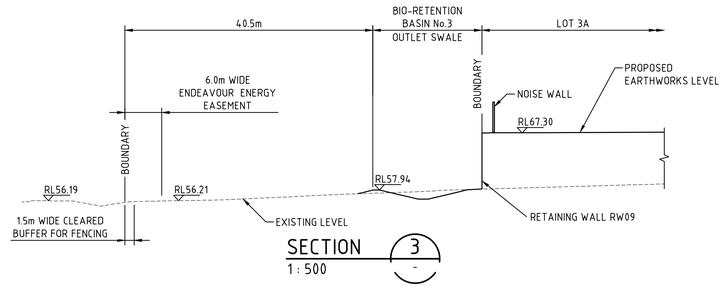
ALL FINISHED LEVELS ARE ±1000mm U.N.O



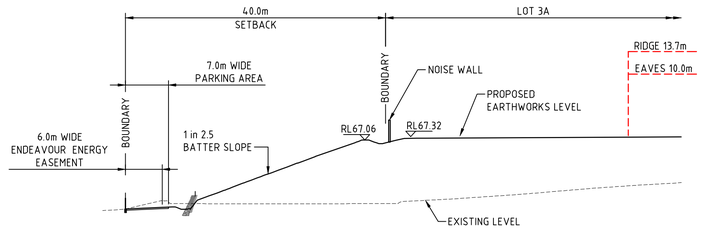
SECTION 1
1 : 500



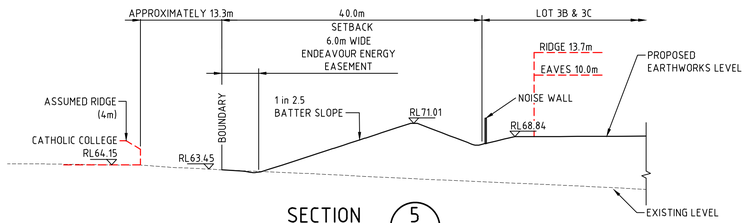
SECTION 2
1 : 500



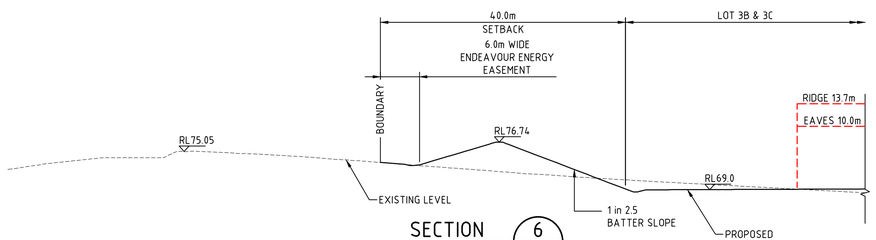
SECTION 3
1 : 500



SECTION 4
1 : 500



SECTION 5
1 : 500



SECTION 6
1 : 500

Bar Scales
0 10 20 30 40m
1 : 500 @ A1
0 50 100 150 200 250
1 : 3000 @ A1

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	29-11-19
A7	ISSUED FOR INFORMATION MOD 3	19-11-19
A6	ISSUED FOR INFORMATION MOD 3	12-11-19
A5	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A4	ISSUED FOR SSD APPROVAL MOD 2	24-07-19

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION
A1

Scales	AS SHOWN	15-272-C1070.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client
Goodman

Civil Engineers and Project Managers
at&l
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

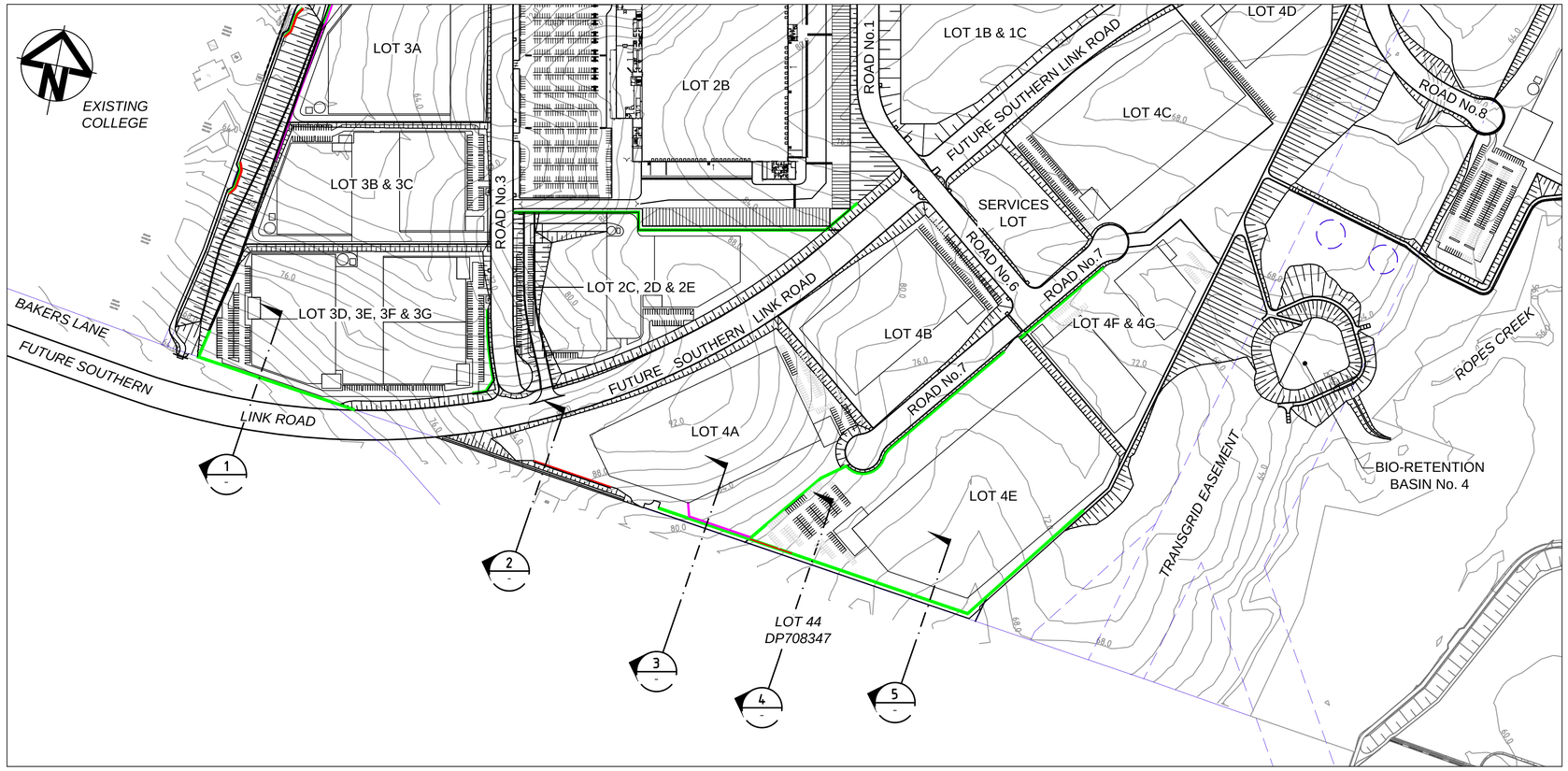
Project
PROPOSED INDUSTRIAL DEVELOPMENT
OAKDALE WEST

Title
WESTERN BOUNDARY LAYOUT AND SECTIONS

Drawing No.	Project No.	Issue
15-272-C1070	15-272	A9

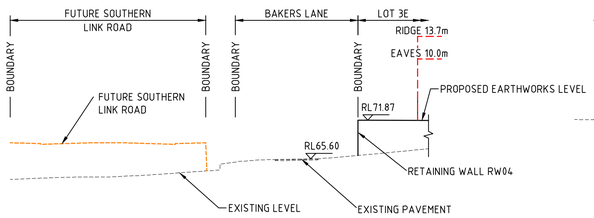
100mm on Original

Date Plotted: 5 Dec 2019 - 03:53PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1070.dwg V1

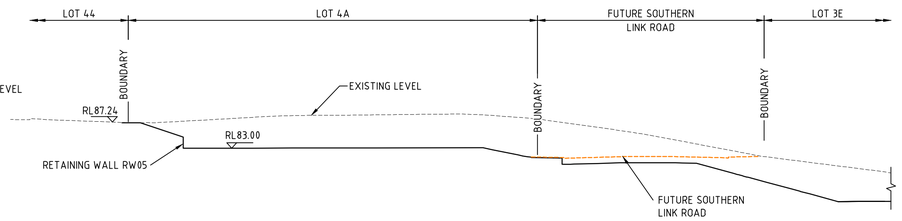


PLAN

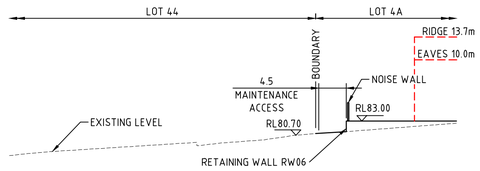
SCALE 1 : 3000



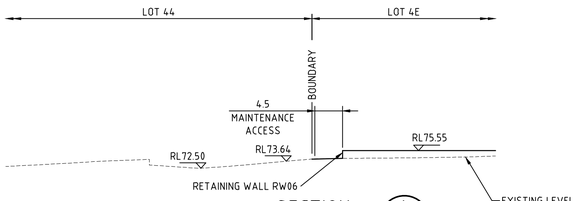
SECTION 1
1 : 500



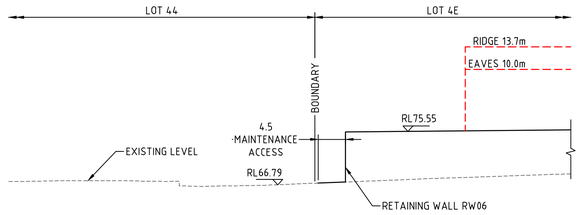
SECTION 2
1 : 500



SECTION 3
1 : 500



SECTION 4
1 : 500



SECTION 5
1 : 500

ALL FINISHED LEVELS ARE ±1000mm U.N.O

Bar Scales

0 10 20 30 40m
1 : 500 @ A1

0 50 100 150 200 250
1 : 3000 @ A1

Issue	Description	Date
A8	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A7	ISSUED FOR INFORMATION MOD 3	19-11-19
A6	ISSUED FOR INFORMATION MOD 3	12-11-19
A5	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A4	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A3	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION
A1

Scales	AS SHOWN	15-272-C1071.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

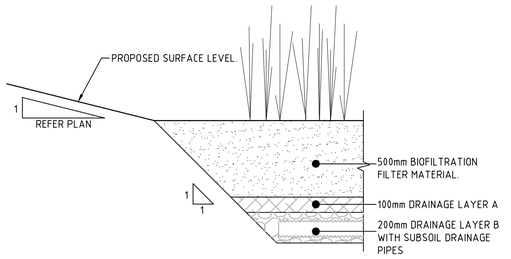
Civil Engineers and Project Managers
at&l
Level 7, 153 Walker Street
North Sydney NSW 2060
ABN 96 130 882 405
Tel: 02 9439 1777
Fax: 02 9923 1055
www.atl.net.au
info@atl.net.au

Project
PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title
SOUTHERN BOUNDARY LAYOUT AND SECTIONS

Drawing No.	Project No.	Issue
15-272-C1071	15-272	A8

ALL FINISHED LEVELS ARE ±1000mm U.N.O



BASIN FILTER MEDIA DETAIL

SCALE 1:20

EXISTING AGED CARE FACILITY

BRICK HOUSE

LOT 2 DP556036

1 in 4 BATTER SLOPE TYPICAL

3.0m ACCESS TRACK

BIO-RETENTION BASIN No.2

100yr ARI TWL 59.66

DETENTION VOLUME = 15,713m³

EXTENDER DETENTION RL58.00

BIO-FILTER MEDIA RL57.70

BIO-FILTER AREA = 1,300m²

6.0m WIDE EASEMENT

BIO-RETENTION BASIN No.3

100yr ARI TWL 59.66

DETENTION VOLUME = 15,713m³

EXTENDER DETENTION RL58.00

BIO-FILTER MEDIA RL57.70

BIO-FILTER AREA = 3,400m²

EXTENT OF CUT-OFF TRENCH BELOW. REFER TYPICAL EMBANKMENT DETAIL

HIGH FLOW OUTLET PIT

Ø225 uPVC UNSLOTTED @ 0.5%

PROPOSED 500mm WIDE x 300mm DEEP CONCRETE BERM WITH 2 LAYERS OF TRENCH MESH 50mm COVER

RETAINING WALL RW02

PROPOSED NOISE WALL

ROAD No.3

REFER DRAWING C1081 FOR CONTINUATION

LEGEND

- EXISTING BOUNDARY
- PROPOSED BOUNDARY
- EXISTING CONTOUR
- PROPOSED CONTOUR
- STORMWATER PIPE WITH SIZE
- SURFACE INLET PIT
- HEADWALL
- PROPOSED STORMWATER PIT NUMBER
- PROPOSED RETAINING WALL
- PROPOSED NOISE WALL
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- RIP-RAP SCOUR PROTECTION ON GEOTEXTILE FABRIC
- ROCK FILLED RENO MATTRESS ON GEOTEXTILE FABRIC
- CONCRETE SPILLWAY
- BASIN FILTER MEDIA REFER DWG C1009 FOR TYPICAL DETAIL
- LANDSCAPED BATTER
- CONCRETE RAMP

Bar Scales

1 : 20 @ A1 1 : 40 @ A3

1 : 250 @ A1 1 : 500 @ A3

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status: MOD 3 APPROVAL — NOT TO BE USED FOR CONSTRUCTION — A1

Scales	1 : 250	15-272-C1080.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client: Goodman

Civil Engineers and Project Managers
at&l
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

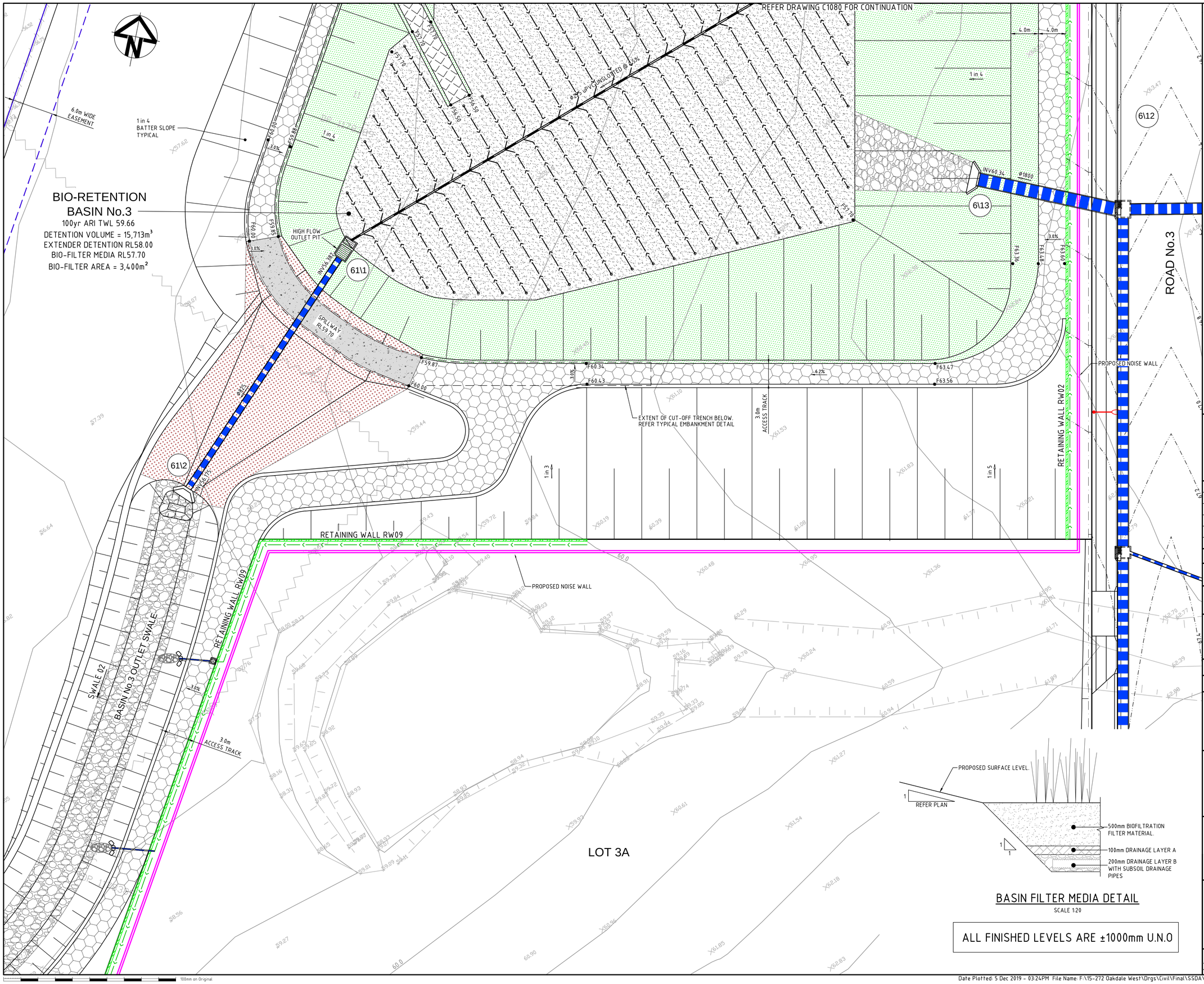
Project: PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title: BIO-RETENTION BASIN 2 AND 3 DETAIL PLAN SHEET 1 OF 2

Drawing No.	Project No.	Issue
15-272-C1080	15-272	A9

100mm on Original

Date Plotted: 5 Dec 2019 - 03:23PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1080.dwg V1



LEGEND

- EXISTING BOUNDARY
- PROPOSED BOUNDARY
- EXISTING CONTOUR
- PROPOSED CONTOUR
- STORMWATER PIPE WITH SIZE
- SURFACE INLET PIT
- HEADWALL
- PROPOSED STORMWATER PIT NUMBER
- PROPOSED RETAINING WALL
- PROPOSED NOISE WALL
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- RIP-RAP SCOUR PROTECTION ON GEOTEXTILE FABRIC
- ROCK FILLED RENO MATTRESS ON GEOTEXTILE FABRIC
- CONCRETE SPILLWAY
- BASIN FILTER MEDIA REFER DWG C1009 FOR TYPICAL DETAIL
- LANDSCAPED BATTER
- CONCRETE RAMP

Bar Scales

1 : 20 @ A1 1 : 40 @ A3

1 : 250 @ A1 1 : 500 @ A3

Issue	Description	Date
A8	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A7	ISSUED FOR INFORMATION MOD 3	19-11-19
A6	ISSUED FOR INFORMATION MOD 3	12-11-19
A5	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A4	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A3	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status: MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION — A1

Scales	1 : 250	15-272-C1081.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

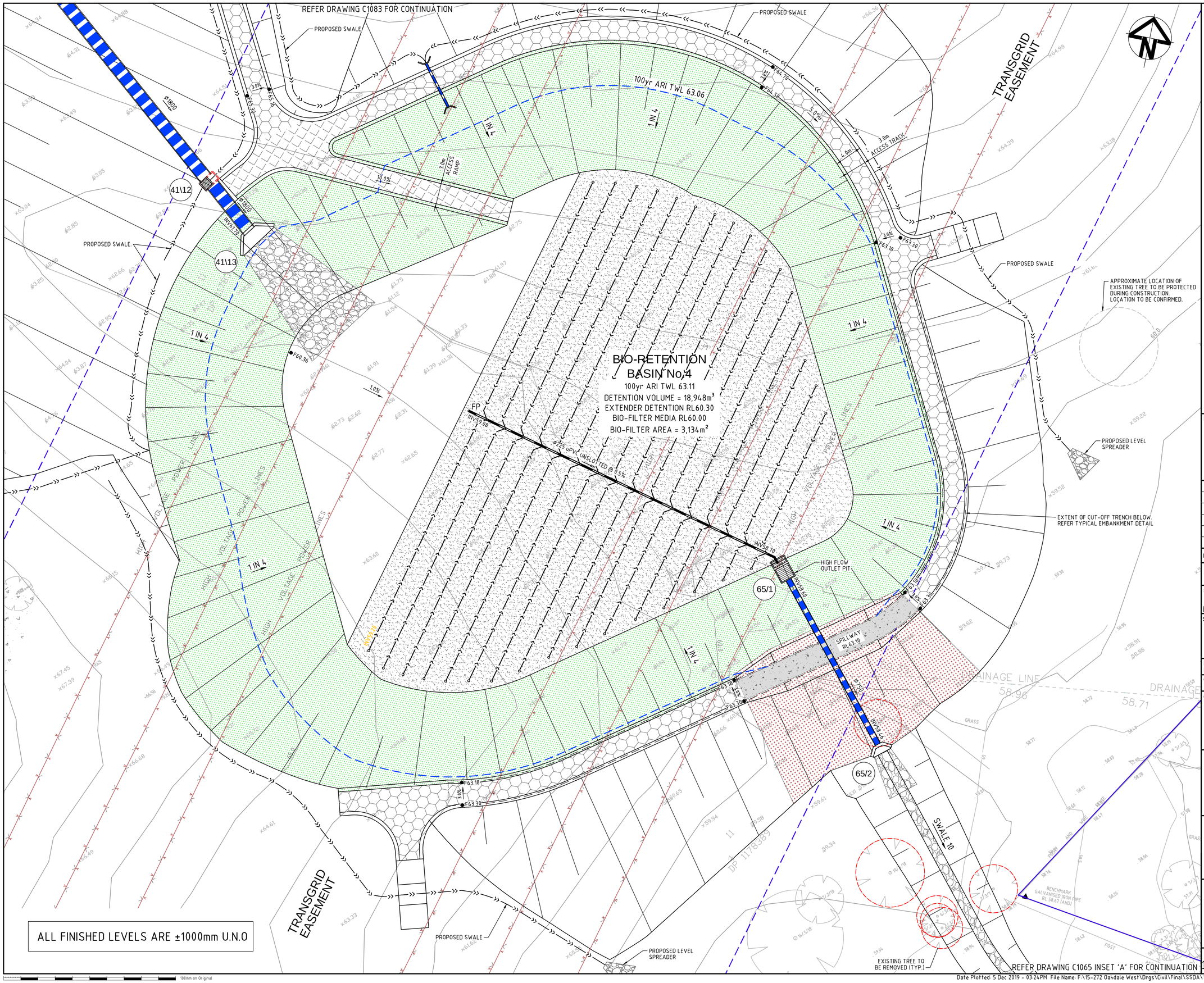
Client: Goodman

Civil Engineers and Project Managers
at&l
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

Project: PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title: BIO-RETENTION BASIN 2 AND 3 DETAIL PLAN SHEET 2 OF 2

Drawing No.	Project No.	Issue
15-272-C1081	15-272	A8



LEGEND

- EXISTING BOUNDARY
- PROPOSED BOUNDARY
- 60.0 EXISTING CONTOUR
- 65.0 PROPOSED CONTOUR
- 375ø STORMWATER PIPE WITH SIZE
- SURFACE INLET PIT
- HEADWALL
- 31\1 PROPOSED STORMWATER PIT NUMBER
- PROPOSED RETAINING WALL
- PROPOSED NOISE WALL
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- RIP-RAP SCOUR PROTECTION ON GEOTEXTILE FABRIC
- ROCK FILLED RENO MATTRESS ON GEOTEXTILE FABRIC
- CONCRETE SPILLWAY
- BASIN FILTER MEDIA REFER DWG C1009 FOR TYPICAL DETAIL
- LANDSCAPED BATTER
- CONCRETE RAMP

Bar Scales

0 5 10 15 20

1 : 250 @ A1 1 : 500 @ A3

Issue	Description	Date
A7	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A6	ISSUED FOR INFORMATION MOD 3	19-11-19
A5	ISSUED FOR INFORMATION MOD 3	12-11-19
A4	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A3	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A2	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status: MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION
A1

Scales	1 : 250	15-272-C1082.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client: Goodman

Civil Engineers and Project Managers
at&l
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

Project
PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title
BIO-RETENTION BASIN 4 DETAIL PLAN
SHEET 1 OF 2

Drawing No.	Project No.	Issue
15-272-C1082	15-272	A7

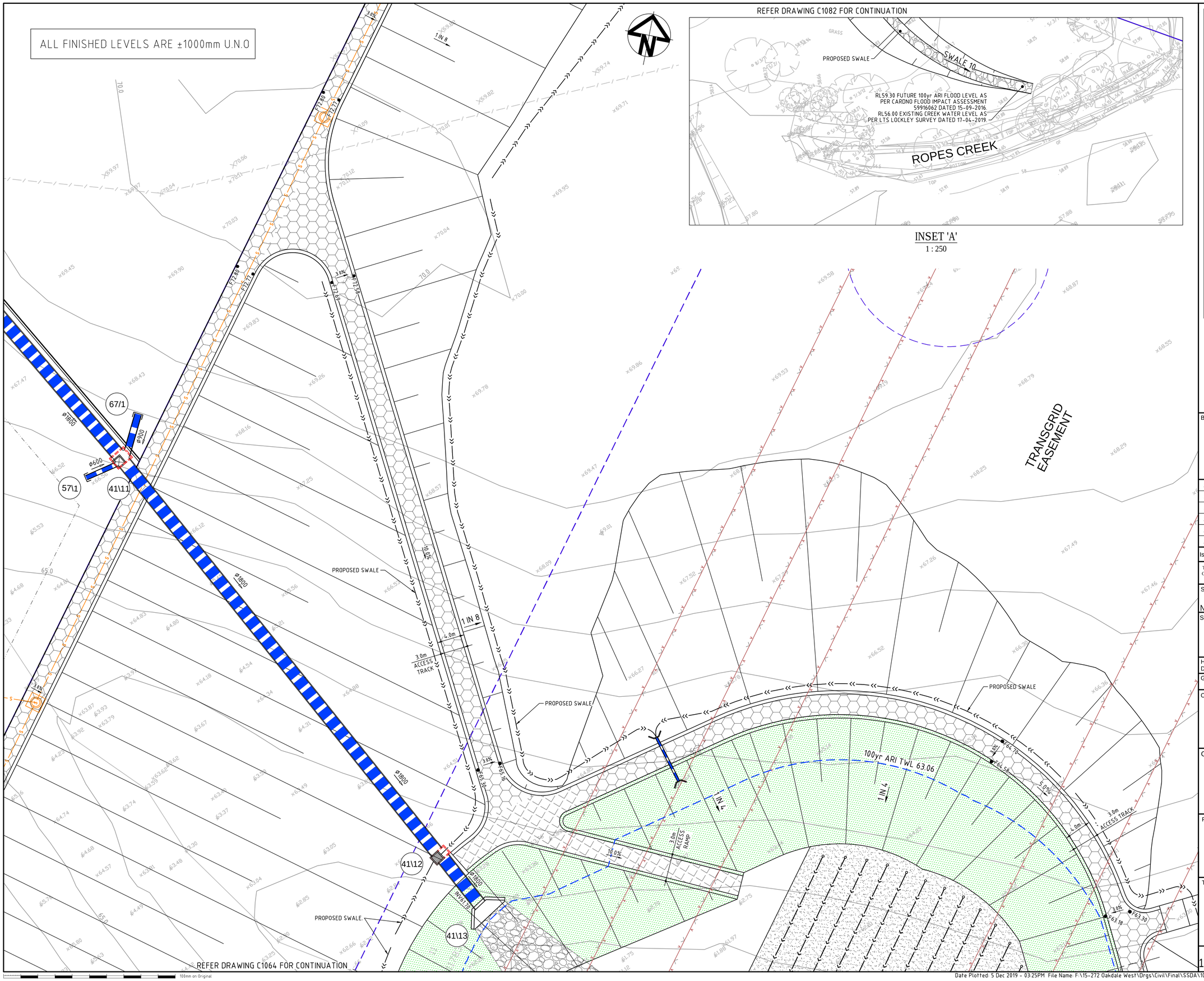
100mm on Original

Date Plotted: 5 Dec 2019 - 03:24PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1082.dwg V1

ALL FINISHED LEVELS ARE ±1000mm U.N.O

REFER DRAWING C1082 FOR CONTINUATION

INSET 'A'
1 : 250



LEGEND

- EXISTING BOUNDARY
- PROPOSED BOUNDARY
- 60.0 EXISTING CONTOUR
- 65.0 PROPOSED CONTOUR
- 375ø STORMWATER PIPE WITH SIZE
- SURFACE INLET PIT
- HEADWALL
- 31.1 PROPOSED STORMWATER PIT NUMBER
- PROPOSED RETAINING WALL
- PROPOSED NOISE WALL
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- RIP-RAP SCOUR PROTECTION ON GEOTEXTILE FABRIC
- ROCK FILLED RENO MATTRESS ON GEOTEXTILE FABRIC
- CONCRETE SPILLWAY
- BASIN FILTER MEDIA REFER DWG C1009 FOR TYPICAL DETAIL
- LANDSCAPED BATTER
- CONCRETE RAMP

Bar Scales

500 1000 1500
1 : 20 @ A1 1 : 40 @ A3

5 10 15 20
1 : 250 @ A1 1 : 500 @ A3

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 250	15-272-C1083.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

Goodman

Civil Engineers and Project Managers
at&l
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

Project
PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

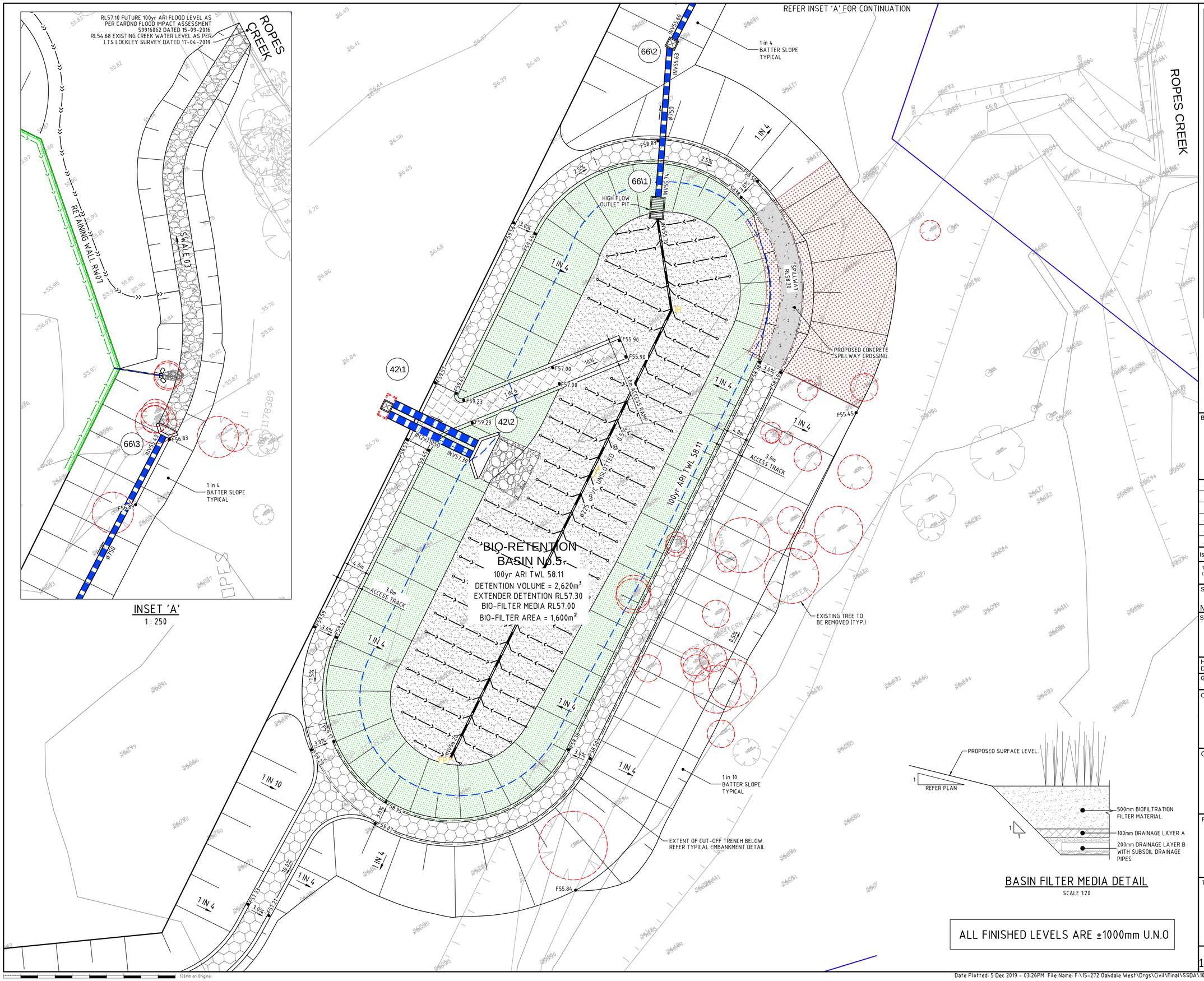
Title
BIO-RETENTION BASIN 4 DETAIL PLAN
SHEET 2 OF 2

Drawing No.	Project No.	Issue
15-272-C1083	15-272	A9

100mm on Original

Date Plotted: 5 Dec 2019 - 03:25PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1083.dwg V1

INSET 'A'
1 : 250



BASIN FILTER MEDIA DETAIL
SCALE 1:20

ALL FINISHED LEVELS ARE ±1000mm U.N.O

LEGEND

- EXISTING BOUNDARY
- PROPOSED BOUNDARY
- EXISTING CONTOUR (60.0)
- PROPOSED CONTOUR (65.0)
- STORMWATER PIPE WITH SIZE (375ø)
- SURFACE INLET PIT
- HEADWALL
- PROPOSED STORMWATER PIT NUMBER (3\1)
- PROPOSED RETAINING WALL
- PROPOSED NOISE WALL
- 3.0m WIDE ACCESS TRACK (LIGHT-DUTY PAVEMENT)
- RIP-RAP SCOUR PROTECTION ON GEOTEXTILE FABRIC
- ROCK FILLED RENO MATTRESS ON GEOTEXTILE FABRIC
- CONCRETE SPILLWAY
- BASIN FILTER MEDIA REFER DWG C1009 FOR TYPICAL DETAIL
- LANDSCAPED BATTER
- CONCRETE RAMP

Bar Scales
0 500 1000 1500
1 : 20 @ A1 1 : 40 @ A3
0 5 10 15 20
1 : 250 @ A1 1 : 500 @ A3

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status: MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION
A1

Scales	1 : 250	15-272-C1084.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

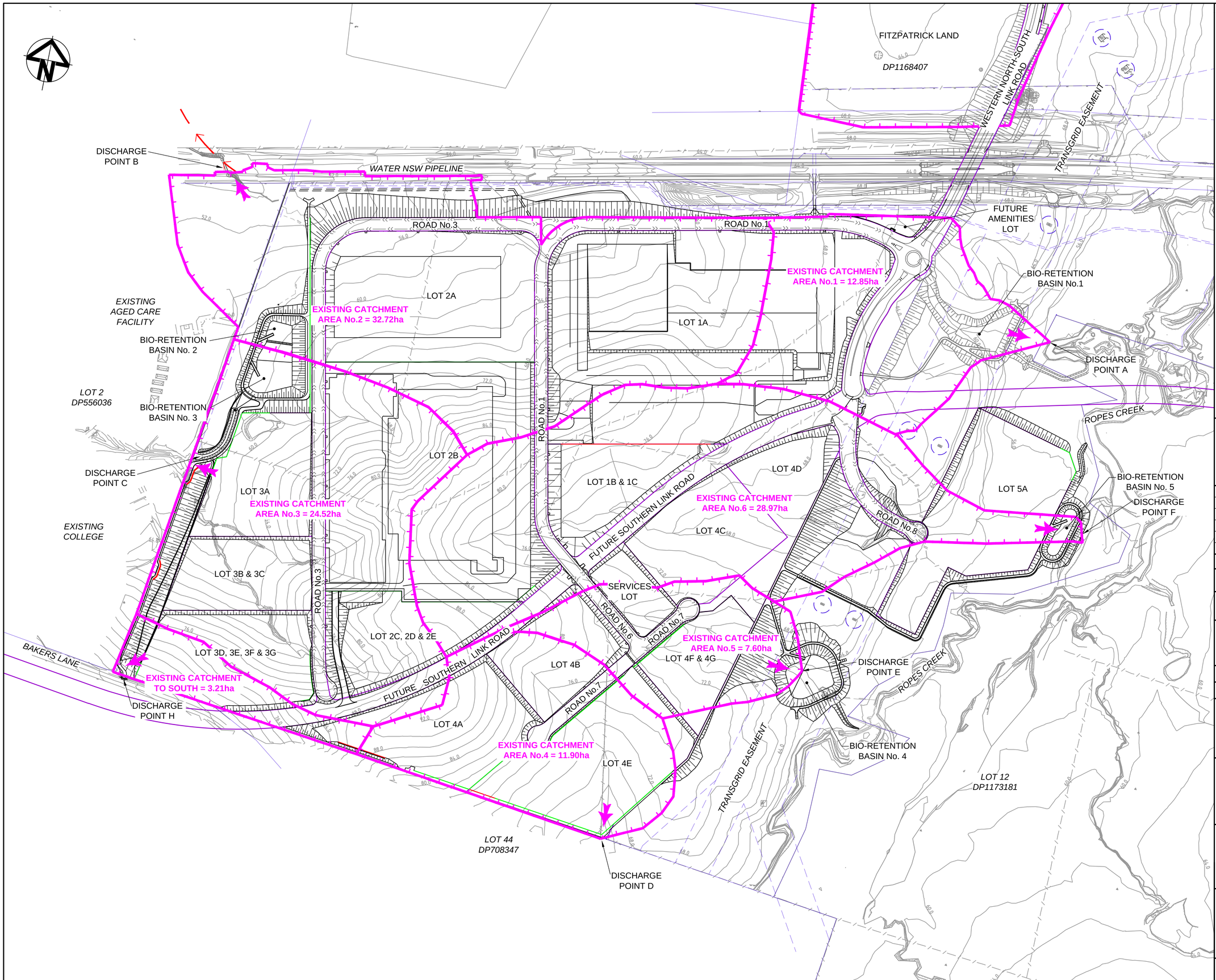
Client: Goodman

Civil Engineers and Project Managers
at&l
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

Project
PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title
BIO-RETENTION BASIN 5 DETAIL PLAN

Drawing No.	Project No.	Issue
15-272-C1084	15-272	A9



Bar Scales

0 50 100 150 200 250

1 : 3000 @ A1

Issue	Description	Date
A8	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A7	ISSUED FOR INFORMATION MOD 3	19-11-19
A6	ISSUED FOR INFORMATION MOD 3	12-11-19
A5	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A4	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A3	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 3000	15-272-C1086.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

Goodman

Civil Engineers and Project Managers
at&l
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

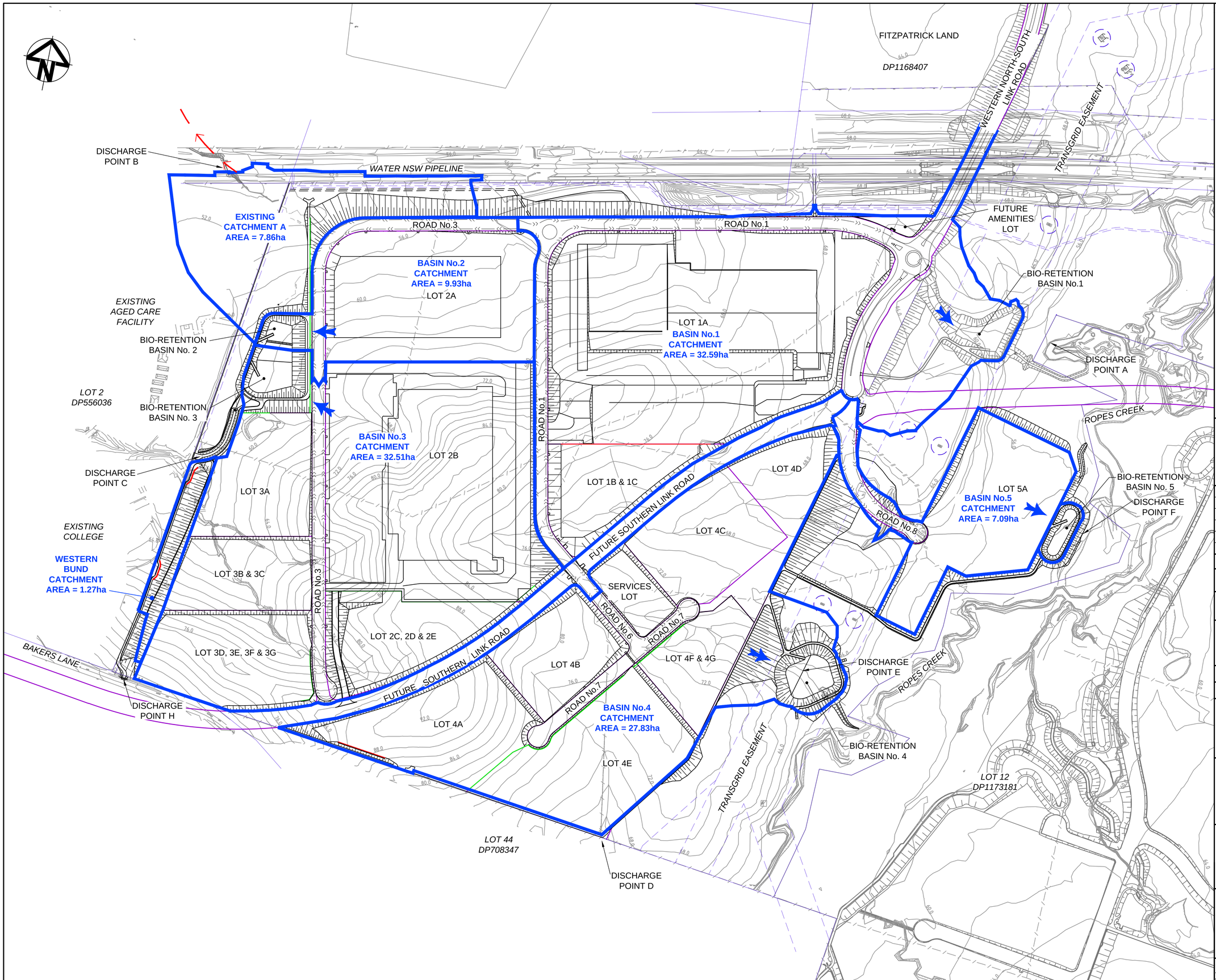
Project
PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title
STORMWATER DRAINAGE CATCHMENT PLAN (PRE-DEVELOPED)

Drawing No.	Project No.	Issue
15-272-C1086	15-272	A8

100mm on Original

Date Plotted: 5 Dec 2019 - 03:27PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1086.dwg V1



LEGEND

CATCHMENT BOUNDARY

Bar Scales

0 50 100 150 200 250

1 : 3000 @ A1

Issue	Description	Date
A8	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A7	ISSUED FOR INFORMATION MOD 3	19-11-19
A6	ISSUED FOR INFORMATION MOD 3	12-11-19
A5	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A4	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A3	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status: MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 3000	15-272-C1087.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client: Goodman

Civil Engineers and Project Managers
at&l
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

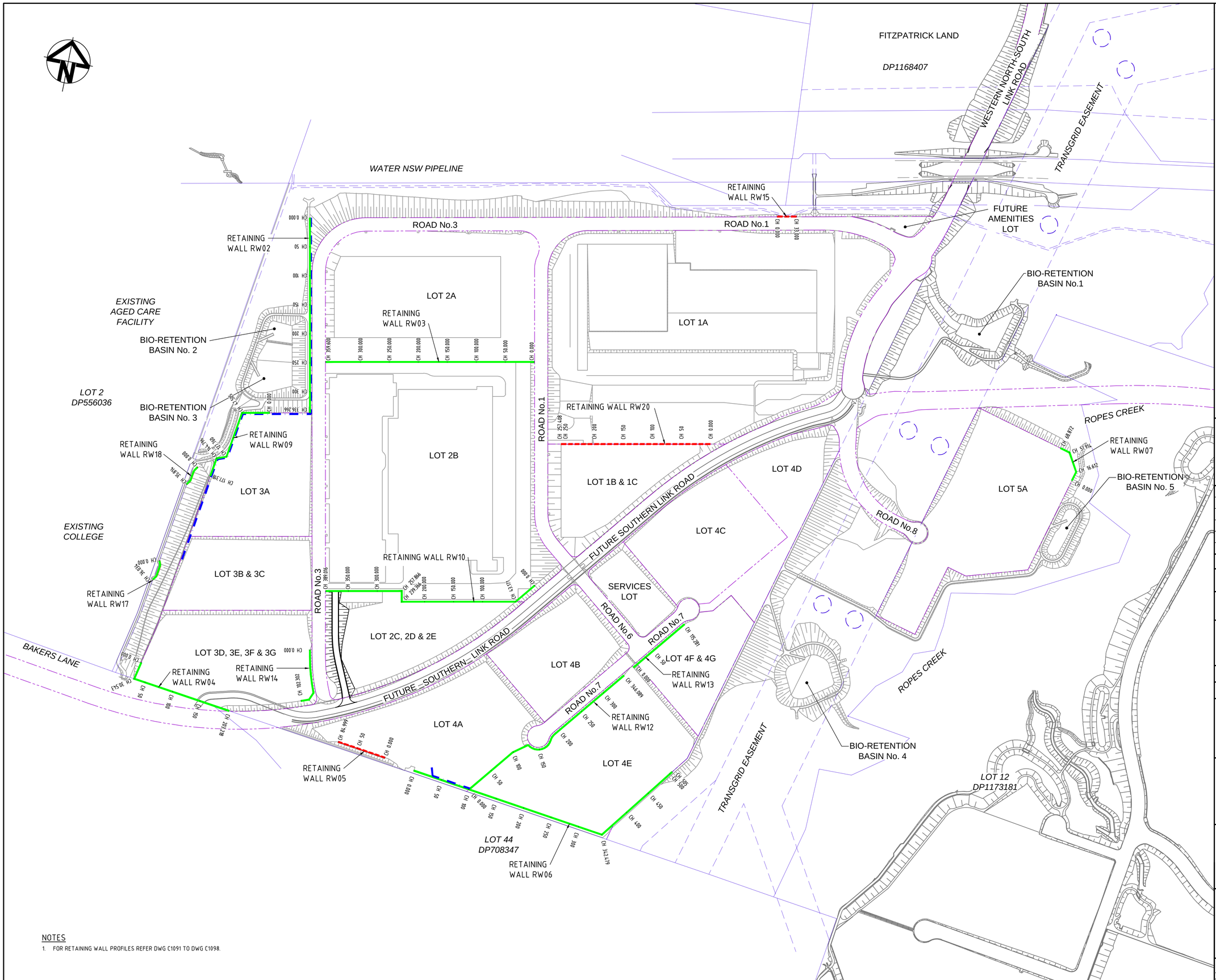
Project
PROPOSED INDUSTRIAL DEVELOPMENT
OAKDALE WEST

Title
STORMWATER DRAINAGE CATCHMENT PLAN (POST-DEVELOPED)

Drawing No.	Project No.	Issue
15-272-C1087	15-272	A8

100mm on Original

Date Plotted: 5 Dec 2019 - 03:27PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1087.dwg V1



LEGEND

EXISTING

- EXISTING BOUNDARY
- EXISTING EASEMENT

PROPOSED

- PROPOSED RETAINING WALL - FILL
- PROPOSED RETAINING WALL - CUT
- FUTURE RETAINING WALL NOT PART OF THIS APPROVAL
- PROPOSED NOISE WALLS - REFER TO SLR REPORT. LOCATION OF WALLS SUBJECT TO DETAILED DESIGN.

Bar Scales

0 50 100 150 200 250

1 : 3000 @ A1

Issue	Description	Date
A11	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A10	ISSUED FOR INFORMATION MOD 3	29-11-19
A9	ISSUED FOR INFORMATION MOD 3	19-11-19
A8	ISSUED FOR INFORMATION MOD 3	12-11-19
A7	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A6	ISSUED FOR SSD APPROVAL MOD 2	24-07-19

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

Status: MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 3000	15-272-C1090.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client: Goodman

Civil Engineers and Project Managers
at&l
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

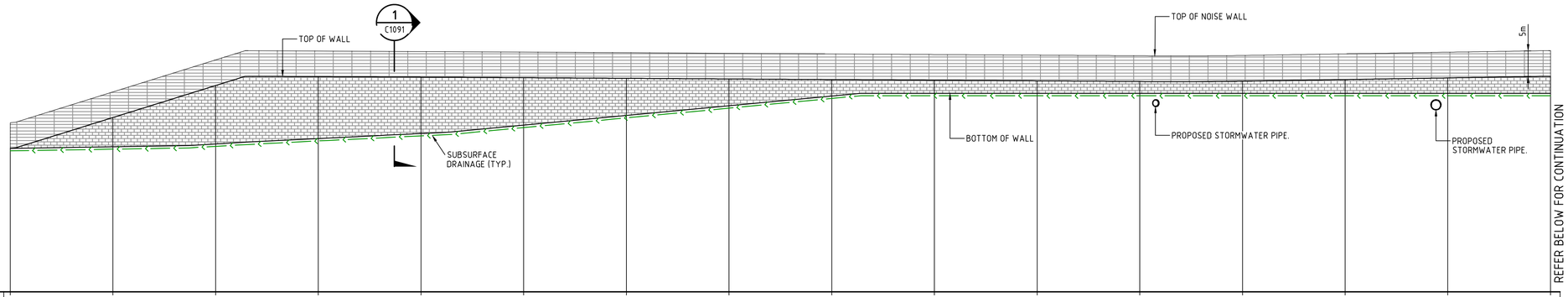
Project: PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title: RETAINING WALL GENERAL ARRANGEMENT PLAN

Drawing No.	Project No.	Issue
15-272-C1090	15-272	A11

NOTES

1. FOR RETAINING WALL PROFILES REFER DWG C1091 TO DWG C1098.

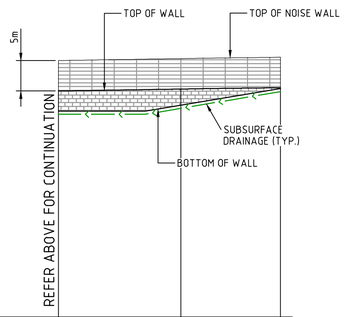


Datum RL25

BOTTOM OF RETAINING WALL	52.870	53.200	53.750	54.797	55.781	57.393	59.284	61.175	63.066	63.600	63.600	63.600	63.600	63.600	63.600	63.600
TOP OF RETAINING WALL	52.870	58.887	65.113	66.838	66.741	66.631	66.509	66.386	66.264	66.142	66.02	65.897	65.951	66.267	66.585	66.903
HEIGHT OF RETAINING WALL	0.000	5.688	11.363	12.040	10.960	9.238	7.225	5.212	3.198	2.542	2.420	2.297	2.351	2.667	2.985	3.303
CHAINAGE	0.000	20.000	40.000	60.000	80.000	100.000	120.000	140.000	160.000	180.000	200.000	220.000	240.000	260.000	280.000	300.000

RETAINING WALL RW02 PROFILE

SCALE 1:500 HORI.
1:500 VERT.

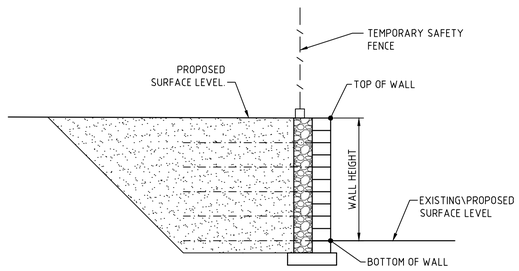


Datum RL30

BOTTOM OF RETAINING WALL	63.600	64.575	67.300
TOP OF RETAINING WALL	66.903	67.221	67.300
HEIGHT OF RETAINING WALL	3.303	2.646	0.000
CHAINAGE	300.000	320.000	336.266

RETAINING WALL RW02 PROFILE

SCALE 1:500 HORI.
1:500 VERT.



SECTION 1
1 : 50

ALL FINISHED LEVELS ARE ±1000mm U.N.O

Bar Scales
0 1 2 3 4
1 : 50 @ A1 1 : 100 @ A3
0 10 20 30 40
1 : 500 @ A1 1 : 1000 @ A3

Issue	Description	Date
A10	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A9	ISSUED FOR INFORMATION MOD 3	29-11-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION
A1

Scales	1 : 500	15-272-C1091.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

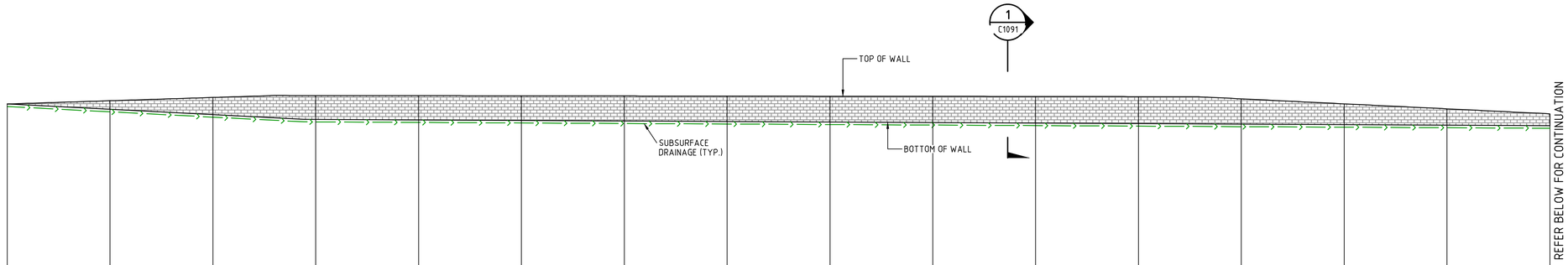
Client
Goodman

Civil Engineers and Project Managers
at&l
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

Project
PROPOSED INDUSTRIAL DEVELOPMENT
OAKDALE WEST

Title
RETAINING WALL PROFILES
SHEET 1 OF 8

Drawing No.	Project No.	Issue
15-272-C1091	15-272	A10

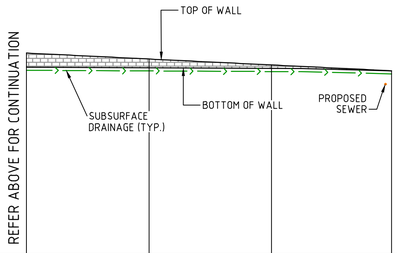


Datum RL39

BOTTOM OF RETAINING WALL	70.854	69.824	68.794	67.868	67.765	67.662	67.559	67.456	67.353	67.250	67.147	67.044	66.940	66.837	66.734	66.631
TOP OF RETAINING WALL	70.854	71.488	72.121	72.49	72.465	72.44	72.415	72.39	72.365	72.34	72.315	72.28	71.851	70.881	69.911	68.941
HEIGHT OF RETAINING WALL	0.000	1.664	3.328	4.622	4.700	4.778	4.856	4.934	5.012	5.090	5.168	5.236	4.910	4.043	3.176	2.310
CHAINAGE	0.000	20.000	40.000	60.000	80.000	100.000	120.000	140.000	160.000	180.000	200.000	220.000	240.000	260.000	280.000	300.000

RETAINING WALL RW03 PROFILE

SCALE 1:500 HORI.
1:500 VERT.



Datum RL36

BOTTOM OF RETAINING WALL	66.631	66.528	66.425	66.05
TOP OF RETAINING WALL	68.941	67.971	67.001	66.05
HEIGHT OF RETAINING WALL	2.310	1.443	0.576	0.000
CHAINAGE	300.000	320.000	340.000	359.600

RETAINING WALL RW03 PROFILE

SCALE 1:500 HORI.
1:500 VERT.

ALL FINISHED LEVELS ARE ±1000mm U.N.O

Bar Scales

0 10 20 30 40

1 : 500 @ A1 1 : 1000 @ A3

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19

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&I.

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 500	15-272-C1092.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

Goodman

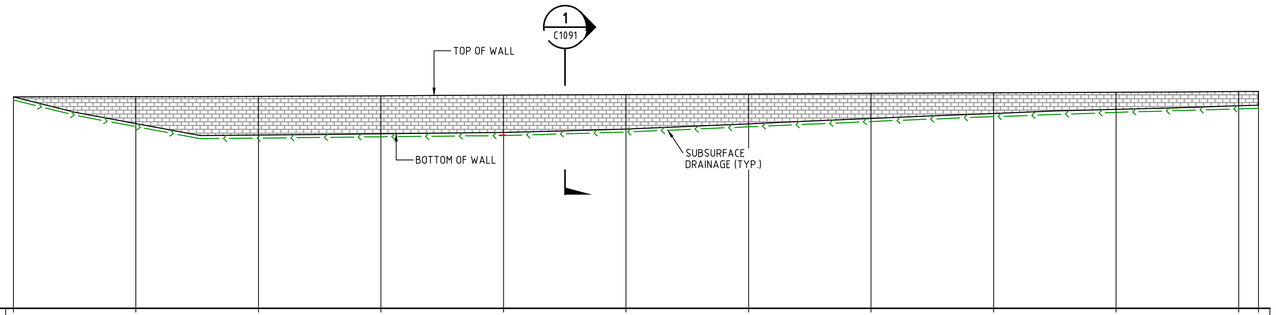
Civil Engineers and Project Managers

at&l
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

Project
PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title
RETAINING WALL PROFILES SHEET 2 OF 8

Drawing No.	Project No.	Issue
15-272-C1092	15-272	A9



Datum RL37

BOTTOM OF RETAINING WALL	71.525	67.162	65.273	65.499	65.703	66.271	67.120	67.997	68.793	69.476	70.059	70.149
TOP OF RETAINING WALL	71.527	71.541	71.594	71.692	71.79	71.887	71.985	72.082	72.18	72.278	72.375	72.391
HEIGHT OF RETAINING WALL	0.002	4.379	6.321	6.193	6.087	5.616	4.865	4.086	3.387	2.801	2.316	2.242
CHAINAGE	0.000	20.000	40.000	60.000	80.000	100.000	120.000	140.000	160.000	180.000	200.000	203.218

RETAINING WALL RW04 PROFILE

SCALE 1:500 HORI.
1:500 VERT.

ALL FINISHED LEVELS ARE ±1000mm U.N.O

Bar Scales

0 10 20 30 40

1 : 500 @ A1 1 : 1000 @ A3

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 500	15-272-C1093.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

Goodman

Civil Engineers and Project Managers

at&l
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

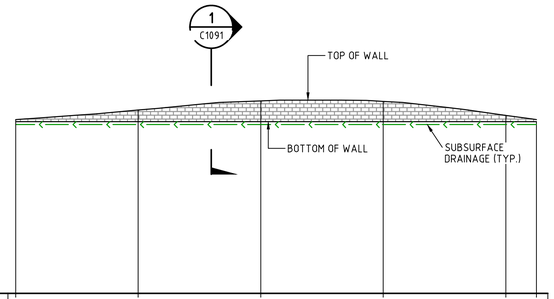
Project

PROPOSED INDUSTRIAL DEVELOPMENT
OAKDALE WEST

Title

RETAINING WALL PROFILES
SHEET 3 OF 8

Drawing No.	Project No.	Issue
15-272-C1093	15-272	A9

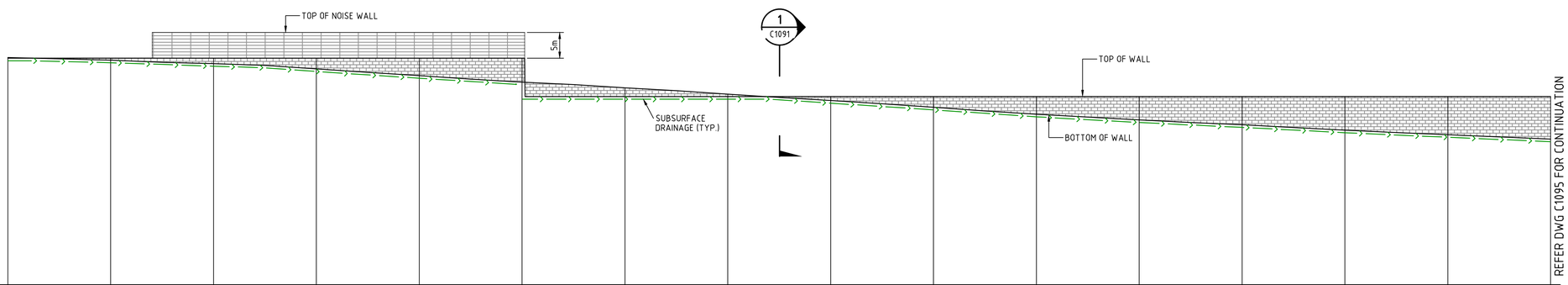


Datum RL55

BOTTOM OF RETAINING WALL	83.049	83.049	83.050	83.050	83.050	83.050
TOP OF RETAINING WALL	83.353	84.923	86.421	86.345	84.064	
HEIGHT OF RETAINING WALL	0.304	1.874	3.371	3.295	1.015	
CHAINAGE	0.000	20.000	40.000	60.000	80.000	84.999

RETAINING WALL RW05 PROFILE

SCALE 1:500 HORI.
1:500 VERT.



Datum RL39

BOTTOM OF RETAINING WALL	83.115	82.622	81.939	80.903	79.609	78.350	77.244	76.009	74.789	73.472	72.120	71.009	70.068	69.031	68.150	67.295
TOP OF RETAINING WALL	83.002	83	83	83	83	83	75.55	75.55	75.55	75.55	75.55	75.55	75.55	75.55	75.55	75.55
HEIGHT OF RETAINING WALL	-0.112	0.378	1.061	2.097	3.391	4.650	-1.694	-0.459	0.761	2.078	3.430	4.541	5.482	6.519	7.400	8.255
CHAINAGE	0.000	20.000	40.000	60.000	80.000	100.000	120.000	140.000	160.000	180.000	200.000	220.000	240.000	260.000	280.000	300.000

RETAINING WALL RW06 PROFILE

SCALE 1:500 HORI.
1:500 VERT.

ALL FINISHED LEVELS ARE ±1000mm U.N.O

Bar Scales

0 10 20 30 40

1 : 500 @ A1 1 : 1000 @ A3

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 500	15-272-C1094.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

Goodman

Civil Engineers and Project Managers

at&l
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

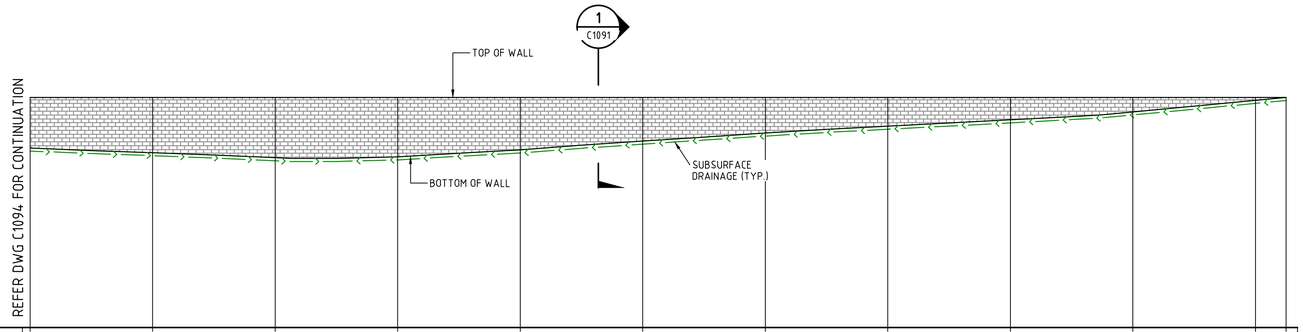
Project

PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title

RETAINING WALL PROFILES SHEET 4 OF 8

Drawing No.	Project No.	Issue
15-272-C1094	15-272	A9

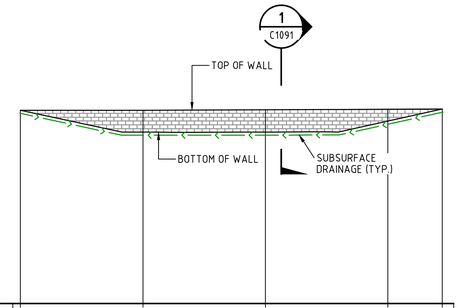


Datum RL38

BOTTOM OF RETAINING WALL	67.295	66.551	65.727	65.866	66.981	68.434	69.743	70.855	71.888	73.191	75.078	75.550
TOP OF RETAINING WALL	75.55	75.55	75.55	75.55	75.55	75.55	75.55	75.55	75.55	75.55	75.55	75.55
HEIGHT OF RETAINING WALL	8.255	8.999	9.823	9.685	8.570	7.116	5.807	4.695	3.662	2.359	0.472	0.000
CHAINAGE	300.000	320.000	340.000	360.000	380.000	400.000	420.000	440.000	460.000	480.000	500.000	505.000

RETAINING WALL RW06 PROFILE

SCALE 1:500 HORI.
1:500 VERT.

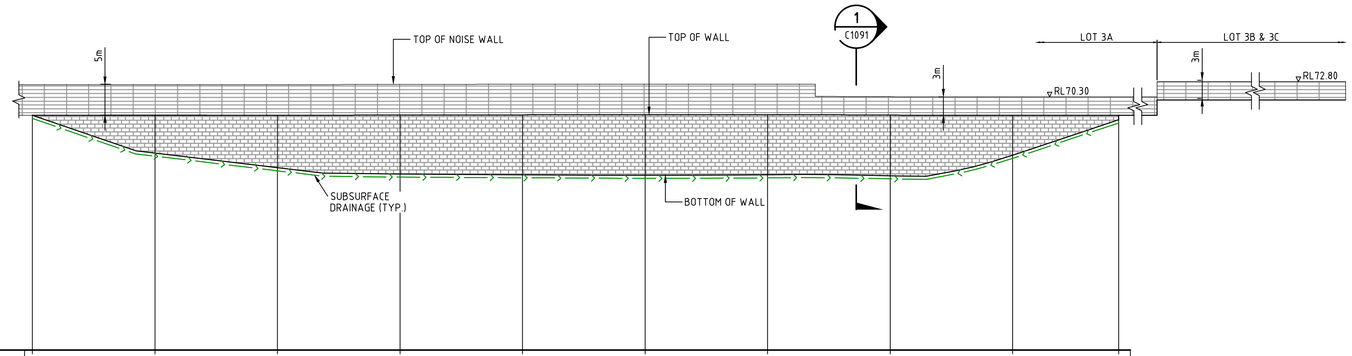


Datum RL28

BOTTOM OF RETAINING WALL	59.535	55.959	55.951	57.892	59.727
TOP OF RETAINING WALL	59.535	59.539	59.604	59.683	59.727
HEIGHT OF RETAINING WALL	0.000	3.580	3.653	1.791	0.000
CHAINAGE	0.000	20.000	40.000	60.000	68.872

RETAINING WALL RW07 PROFILE

SCALE 1:500 HORI.
1:500 VERT.



Datum RL29

BOTTOM OF RETAINING WALL	67.300	61.135	58.750	57.717	57.603	57.512	57.573	57.428	60.795	66.564
TOP OF RETAINING WALL	67.3	67.3	67.3	67.335	67.361	67.374	67.383	67.328	67.306	67.306
HEIGHT OF RETAINING WALL	0.000	6.165	8.550	9.618	9.758	9.862	9.811	9.901	6.511	0.742
CHAINAGE	0.000	20.000	40.000	60.000	80.000	100.000	120.000	140.000	160.000	177.318

RETAINING WALL RW09 PROFILE

SCALE 1:500 HORI.
1:500 VERT.

ALL FINISHED LEVELS ARE ±1000mm U.N.O

Bar Scales

0 10 20 30 40

1 : 500 @ A1 1 : 1000 @ A3

Issue	Description	Date
A10	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A9	ISSUED FOR INFORMATION MOD 3	29-11-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION
A1

Scales	1 : 500	15-272-C1095.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

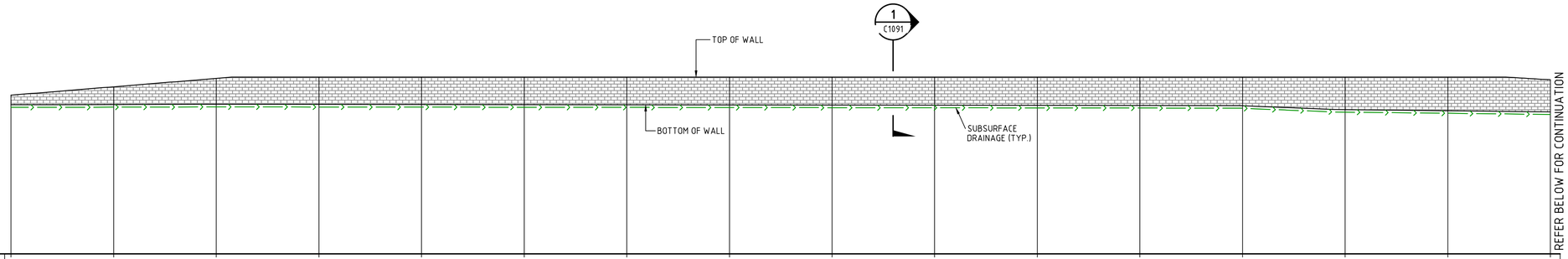
Client

Civil Engineers and Project Managers
at&l
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

Project
PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title
RETAINING WALL PROFILES
SHEET 5 OF 8

Drawing No.	Project No.	Issue
15-272-C1095	15-272	A10

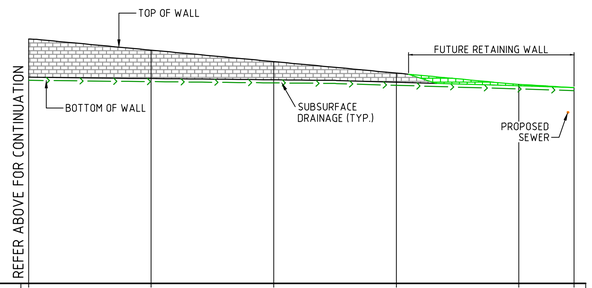


Datum RL44

BOTTOM OF RETAINING WALL	73.006	73.041	73.095	73.079	73.053	73.028	73.002	72.977	72.951	72.926	72.900	72.875	72.825	72.085	71.855	71.625
TOP OF RETAINING WALL	74.881	76.511	78.141	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	77.876
HEIGHT OF RETAINING WALL	1.875	3.470	5.046	5.321	5.347	5.372	5.398	5.423	5.449	5.474	5.500	5.525	5.575	6.315	6.545	6.251
CHAINAGE	0.000	20.000	40.000	60.000	80.000	100.000	120.000	140.000	160.000	180.000	200.000	220.000	240.000	260.000	280.000	300.000

RETAINING WALL RW10 PROFILE

SCALE 1:500 HORI.
1:500 VERT.



Datum RL38

BOTTOM OF RETAINING WALL	71.625	71.410	71.210	70.811	70.214	69.945
TOP OF RETAINING WALL	77.876	76.048	74.177	72.307	70.469	69.945
HEIGHT OF RETAINING WALL	6.251	4.638	2.967	1.495	0.255	0.000
CHAINAGE	300.000	320.000	340.000	360.000	380.000	389.016

RETAINING WALL RW10 PROFILE

SCALE 1:500 HORI.
1:500 VERT.

ALL FINISHED LEVELS ARE ±1000mm U.N.O

Bar Scales

0 10 20 30 40

1 : 500 @ A1 1 : 1000 @ A3

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 500	15-272-C1096.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

Goodman

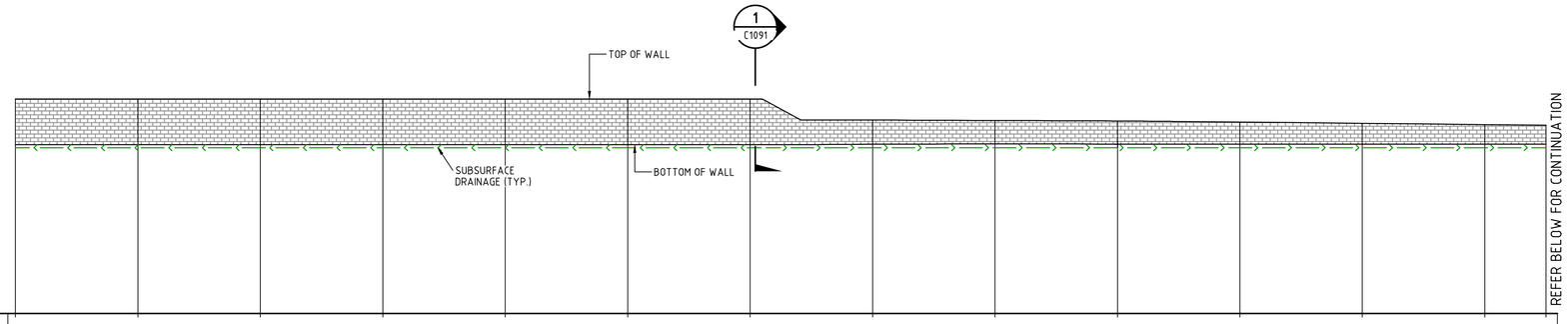
Civil Engineers and Project Managers

at&l
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

Project
PROPOSED INDUSTRIAL DEVELOPMENT
OAKDALE WEST

Title
RETAINING WALL PROFILES
SHEET 6 OF 8

Drawing No.	Project No.	Issue
15-272-C1096	15-272	A9

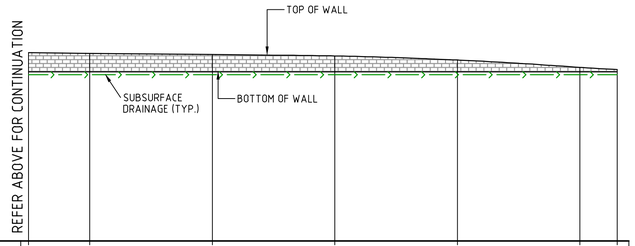


Datum RL48

BOTTOM OF RETAINING WALL	75.550	75.550	75.550	75.550	75.550	75.550	75.550	75.607	75.663	75.629	75.615	75.614	75.613	75.613
TOP OF RETAINING WALL	76.91	83	83	83	83	83	83	79.554	79.485	79.404	79.219	79.019	78.819	78.719
HEIGHT OF RETAINING WALL	1.360	7.450	7.450	7.450	7.450	7.450	7.450	3.947	3.822	3.775	3.603	3.404	3.206	3.106
CHAINAGE	0.000	20.000	40.000	60.000	80.000	100.000	120.000	140.000	160.000	180.000	200.000	220.000	240.000	250.000

RETAINING WALL RW12 PROFILE

SCALE 1:500 HORI.
1:500 VERT.

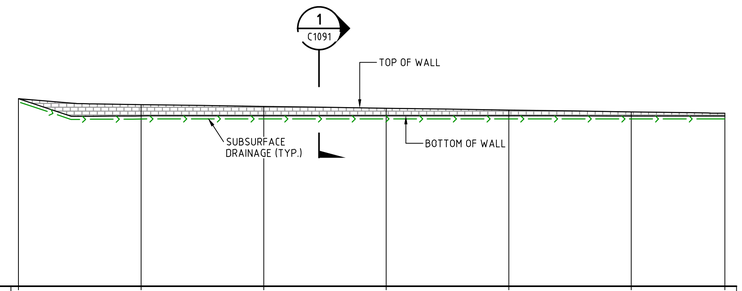


Datum RL48

BOTTOM OF RETAINING WALL	75.613	75.613	75.613	75.613	75.613	75.613	75.613
TOP OF RETAINING WALL	78.719	78.619	78.419	78.186	77.523	76.328	75.957
HEIGHT OF RETAINING WALL	3.106	3.006	2.806	2.573	1.909	0.715	0.344
CHAINAGE	250.000	260.000	280.000	300.000	320.000	340.000	346.089

RETAINING WALL RW12 PROFILE

SCALE 1:500 HORI.
1:500 VERT.



Datum RL40

BOTTOM OF RETAINING WALL	75.580	72.763	72.770	72.770	72.770	72.765	72.760
TOP OF RETAINING WALL	75.58	74.626	74.326	74.026	73.726	73.426	73.197
HEIGHT OF RETAINING WALL	0.000	1.863	1.556	1.256	0.956	0.661	0.437
CHAINAGE	0.000	20.000	40.000	60.000	80.000	100.000	115.281

RETAINING WALL RW13 PROFILE

SCALE 1:500 HORI.
1:500 VERT.

ALL FINISHED LEVELS ARE ±1000mm U.N.O

Bar Scales

0 10 20 30 40

1 : 500 @ A1 1 : 1000 @ A3

Issue	Description	Date
A8	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A7	ISSUED FOR INFORMATION MOD 3	19-11-19
A6	ISSUED FOR INFORMATION MOD 3	12-11-19
A5	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A4	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A3	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 500	15-272-C1097.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

Civil Engineers and Project Managers
at&l
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

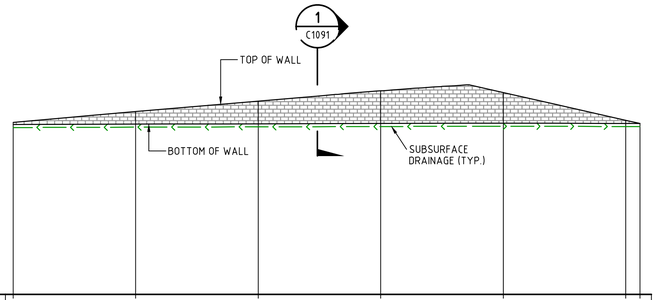
Project
PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title
RETAINING WALL PROFILES
SHEET 7 OF 8

Drawing No.	Project No.	Issue
15-272-C1097	15-272	A8

100mm on Original

Date Plotted: 5 Dec 2019 - 03:28PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1097.dwg V1

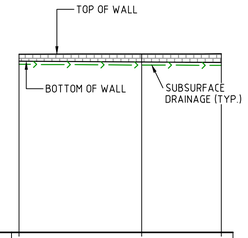


Datum RL45

BOTTOM OF RETAINING WALL	72.727	72.779	72.834	72.893	72.936	72.889	72.880
TOP OF RETAINING WALL	73.061	74.825	76.538	78.218	77.94	73.396	72.880
HEIGHT OF RETAINING WALL	0.334	2.046	3.704	5.325	5.004	0.507	0.000
CHAINAGE	0.000	20.000	40.000	60.000	80.000	100.000	102.302

RETAINING WALL RW14 PROFILE

SCALE 1:500 HORI.
1:500 VERT.

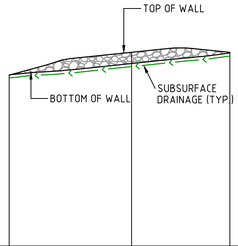


Datum RL39

BOTTOM OF RETAINING WALL	66.926	66.813	66.739
TOP OF RETAINING WALL	68.073	68.106	68.143
HEIGHT OF RETAINING WALL	1.146	1.294	1.404
CHAINAGE	0.000	20.000	33.000

RETAINING WALL RW15 PROFILE

SCALE 1:500 HORI.
1:500 VERT.

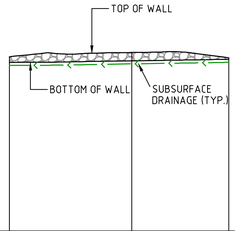


Datum RL37

BOTTOM OF RETAINING WALL	64.953	66.815	68.506
TOP OF RETAINING WALL	64.9	68.642	68.647
HEIGHT OF RETAINING WALL	-0.053	1.828	0.141
CHAINAGE	0.000	20.000	36.034

RETAINING WALL RW17 PROFILE

SCALE 1:500 HORI.
1:500 VERT.

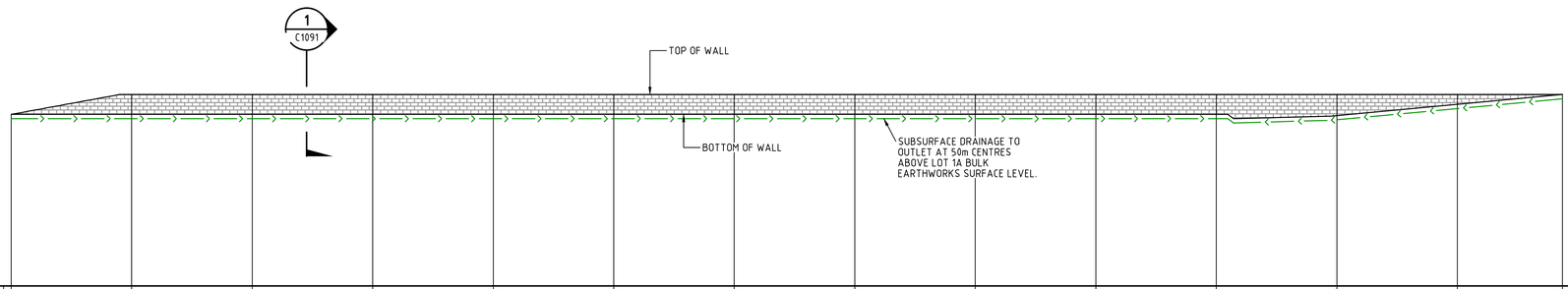


Datum RL28

BOTTOM OF RETAINING WALL	55.580	55.837	56.075
TOP OF RETAINING WALL	56.5	57.202	56.32
HEIGHT OF RETAINING WALL	0.920	1.365	0.246
CHAINAGE	0.000	20.000	35.814

RETAINING WALL RW18 PROFILE

SCALE 1:500 HORI.
1:500 VERT.



Datum RL43

BOTTOM OF RETAINING WALL	71.500	71.500	71.500	71.500	71.500	71.500	71.500	71.500	71.500	71.500	71.500	71.307	73.175	74.800
TOP OF RETAINING WALL	71.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
HEIGHT OF RETAINING WALL	0.000	3.300	3.300	3.300	3.300	3.300	3.300	3.300	3.300	3.300	3.300	3.493	1.625	0.000
CHAINAGE	0.000	20.000	40.000	60.000	80.000	100.000	120.000	140.000	160.000	180.000	200.000	220.000	240.000	257.408

RETAINING WALL RW20 PROFILE

SCALE 1:500 HORI.
1:500 VERT.

ALL FINISHED LEVELS ARE ±1000mm U.N.O

Bar Scales

0 10 20 30 40

1 : 500 @ A1 1 : 1000 @ A3

Issue	Description	Date
A8	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A7	ISSUED FOR INFORMATION MOD 3	19-11-19
A6	ISSUED FOR INFORMATION MOD 3	12-11-19
A5	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A4	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A3	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 500	15-272-C1098.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

Goodman

Civil Engineers and Project Managers

at&l
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

Project

PROPOSED INDUSTRIAL DEVELOPMENT
OAKDALE WEST

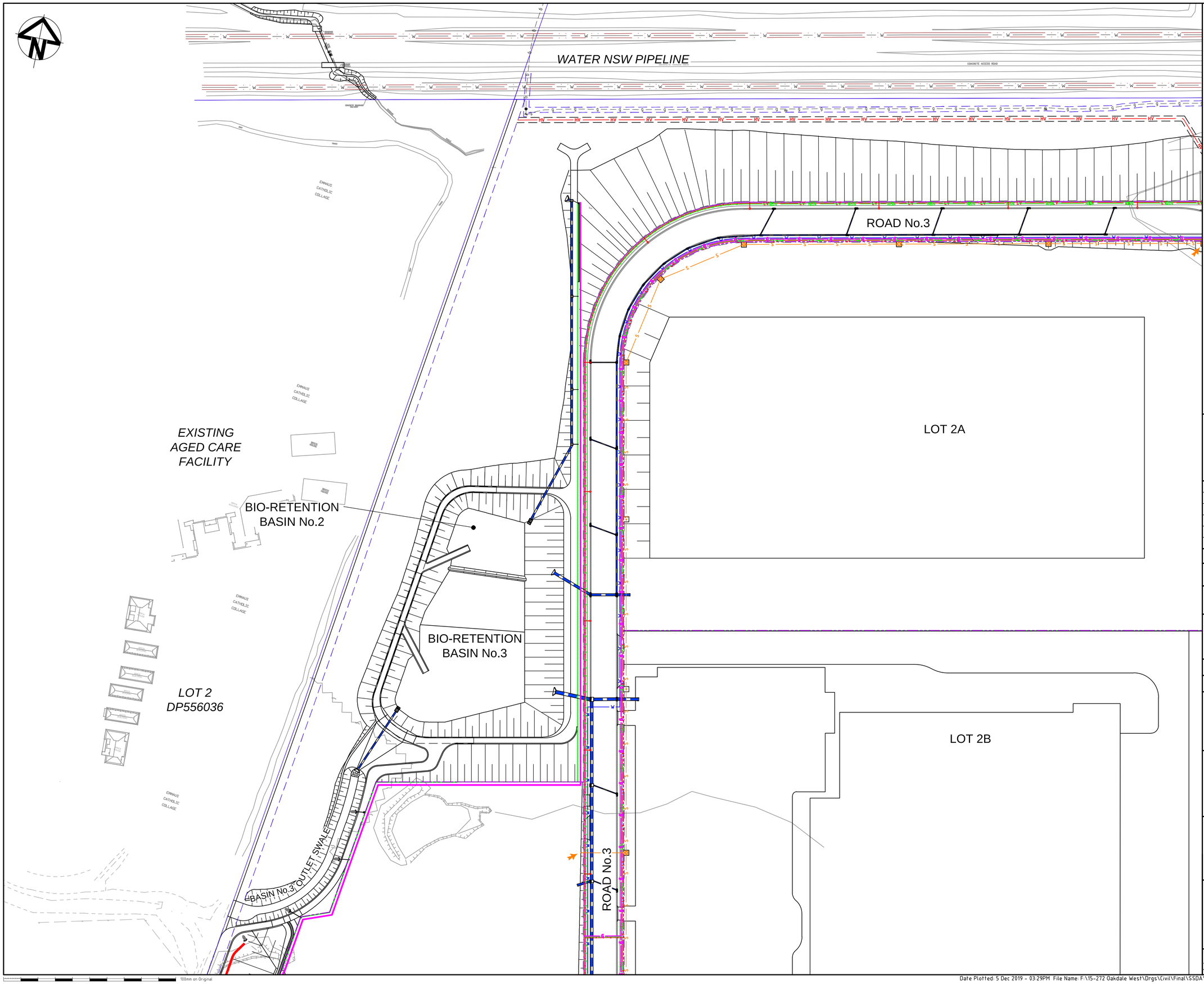
Title

RETAINING WALL PROFILES
SHEET 8 OF 8

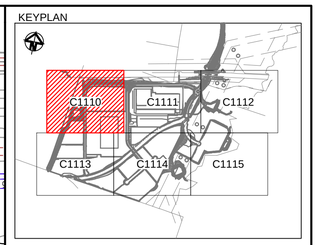
Drawing No.	Project No.	Issue
15-272-C1098	15-272	A8

100mm on Original

Date Plotted: 5 Dec 2019 - 03:29PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1098.dwg V1



KEYPLAN



SERVICES LEGEND

	PROPOSED	EXISTING
HIGH VOLTAGE ELECTRICITY	HV	hv
LOW VOLTAGE ELECTRICITY	LV	lv
ELECTRICITY	E	e
ELECTRICITY OVERHEAD		
TELSTRA CONDUITS	T	t
SEWER SERVICE	S	s
WATER SERVICE	W	w
POTABLE WATER SERVICE	PW	pw
GAS SERVICE	G	g
STORMWATER		sw
DISUSED SERVICE	X X	
SEWER MANHOLE		
LIGHT POLE		
POWER POLE		
TELSTRA PIT		

Bar Scales

0 20 40 60 80

1 : 1000 @ A1 1 : 2000 @ A3

Issue	Description	Date
A8	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A7	ISSUED FOR INFORMATION MOD 3	19-11-19
A6	ISSUED FOR INFORMATION MOD 3	12-11-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19
A3	ISSUED FOR SSD APPROVAL	21-09-18

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 1000	15-272-C1110.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

Goodman

Civil Engineers and Project Managers

at&l
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

Project

PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title

STAGE 1
SERVICES AND UTILITIES COORDINATION PLAN
SHEET 1 OF 6

Drawing No.	Project No.	Issue
15-272-C1110	15-272	A8

100mm on Original

Date Plotted: 5 Dec 2019 - 03:29PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1110.dwg V1

WATER NSW PIPELINE

EXISTING Ø300 AUSTRAL LOW PRESSURE GAS LINE TO REMAIN. CONTRACTOR TO PROTECT DURING CONSTRUCTION. METHODOLOGY TO BE APPROVED BY SUPERINTENDENT PRIOR TO STARTING WORKS.

EXISTING Ø300 AUSTRAL LOW PRESSURE GAS LINE TO REMAIN.

EXISTING Ø300 AUSTRAL LOW PRESSURE GAS LINE TO REMAIN.

ROAD No.1

AMENITIES LOT

LOT 1A

WESTERN NORTH-SOUTH LINK ROAD

TRANSGRID EASEMENT

FUTURE SOUTHERN LINK ROAD

ROAD No.1

KEYPLAN

C1110 C1111 C1112 C1113 C1114 C1115

SERVICES LEGEND

	PROPOSED	EXISTING
HIGH VOLTAGE ELECTRICITY	HV	hv
LOW VOLTAGE ELECTRICITY	LV	lv
ELECTRICITY	E	e
ELECTRICITY OVERHEAD		
TELSTRA CONDUITS	T	t
SEWER SERVICE	S	s
WATER SERVICE	W	w
POTABLE WATER SERVICE	PW	pw
GAS SERVICE	G	g
STORMWATER		sw
DISUSED SERVICE	X X	
SEWER MANHOLE		
LIGHT POLE		
POWER POLE		
TELSTRA PIT		

Bar Scales

0 20 40 60 80

1 : 1000 @ A1 1 : 2000 @ A3

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 1000	15-272-C1111.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

Goodman

Civil Engineers and Project Managers

at&l
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

Project

PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title

STAGE 1
SERVICES AND UTILITIES COORDINATION PLAN
SHEET 2 OF 6

Drawing No.	Project No.	Issue
15-272-C1111	15-272	A9

100mm on Original

Date Plotted: 5 Dec 2019 - 03:30PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1111.dwg V1

WESTERN NORTH-SOUTH LINK ROAD

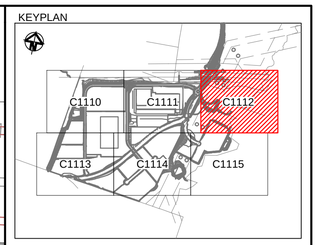
TRANSGRID EASEMENT

BIO-RETENTION BASIN No.1

ROPES CREEK

LOT 5A

KEYPLAN



SERVICES LEGEND

	PROPOSED	EXISTING
HIGH VOLTAGE ELECTRICITY	HV	hv
LOW VOLTAGE ELECTRICITY	LV	lv
ELECTRICITY	E	e
ELECTRICITY OVERHEAD		
TELSTRA CONDUITS	T	t
SEWER SERVICE	S	s
WATER SERVICE	W	w
POTABLE WATER SERVICE	PW	pw
GAS SERVICE	G	g
STORMWATER		sw
DISUSED SERVICE	X X	
SEWER MANHOLE		
LIGHT POLE		
POWER POLE		
TELSTRA PIT		

Bar Scales

0 20 40 60 80

1 : 1000 @ A1 1 : 2000 @ A3

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 1000	15-272-C1112.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

Goodman

Civil Engineers and Project Managers

at&l
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

Project

PROPOSED INDUSTRIAL DEVELOPMENT
OAKDALE WEST

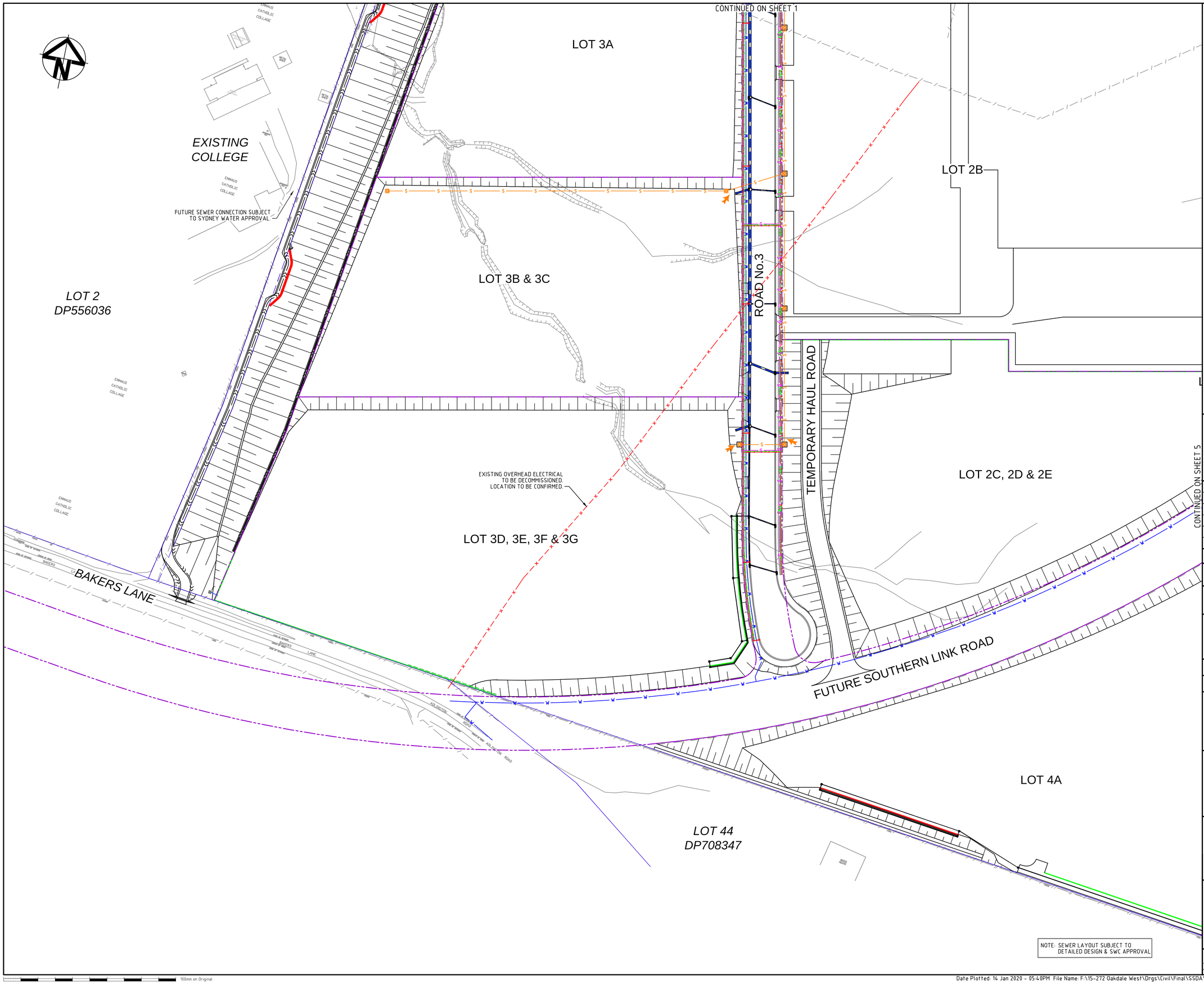
Title

STAGE 1
SERVICES AND UTILITIES COORDINATION PLAN
SHEET 3 OF 6

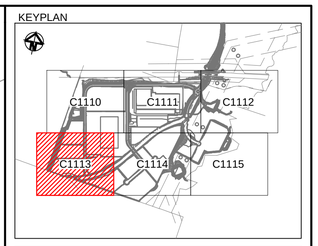
Drawing No.	Project No.	Issue
15-272-C1112	15-272	A9

100mm on Original

Date Plotted: 5 Dec 2019 - 03:30PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1112.dwg V1



KEYPLAN



SERVICES LEGEND

	PROPOSED	EXISTING
HIGH VOLTAGE ELECTRICITY	HV	hv
LOW VOLTAGE ELECTRICITY	LV	lv
ELECTRICITY	E	e
ELECTRICITY OVERHEAD		
TELSTRA CONDUITS	T	t
SEWER SERVICE	S	s
WATER SERVICE	W	w
POTABLE WATER SERVICE	PW	pw
GAS SERVICE	G	g
STORMWATER		sw
DISUSED SERVICE	X X	
SEWER MANHOLE		
LIGHT POLE		
POWER POLE		
TELSTRA PIT		

Bar Scales

0 20 40 60 80

1 : 1000 @ A1 1 : 2000 @ A3

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	14-01-20
A8	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A7	ISSUED FOR INFORMATION MOD 3	19-11-19
A6	ISSUED FOR INFORMATION MOD 3	12-11-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 1000	15-272-C1113.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

Goodman

Civil Engineers and Project Managers

at&l

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

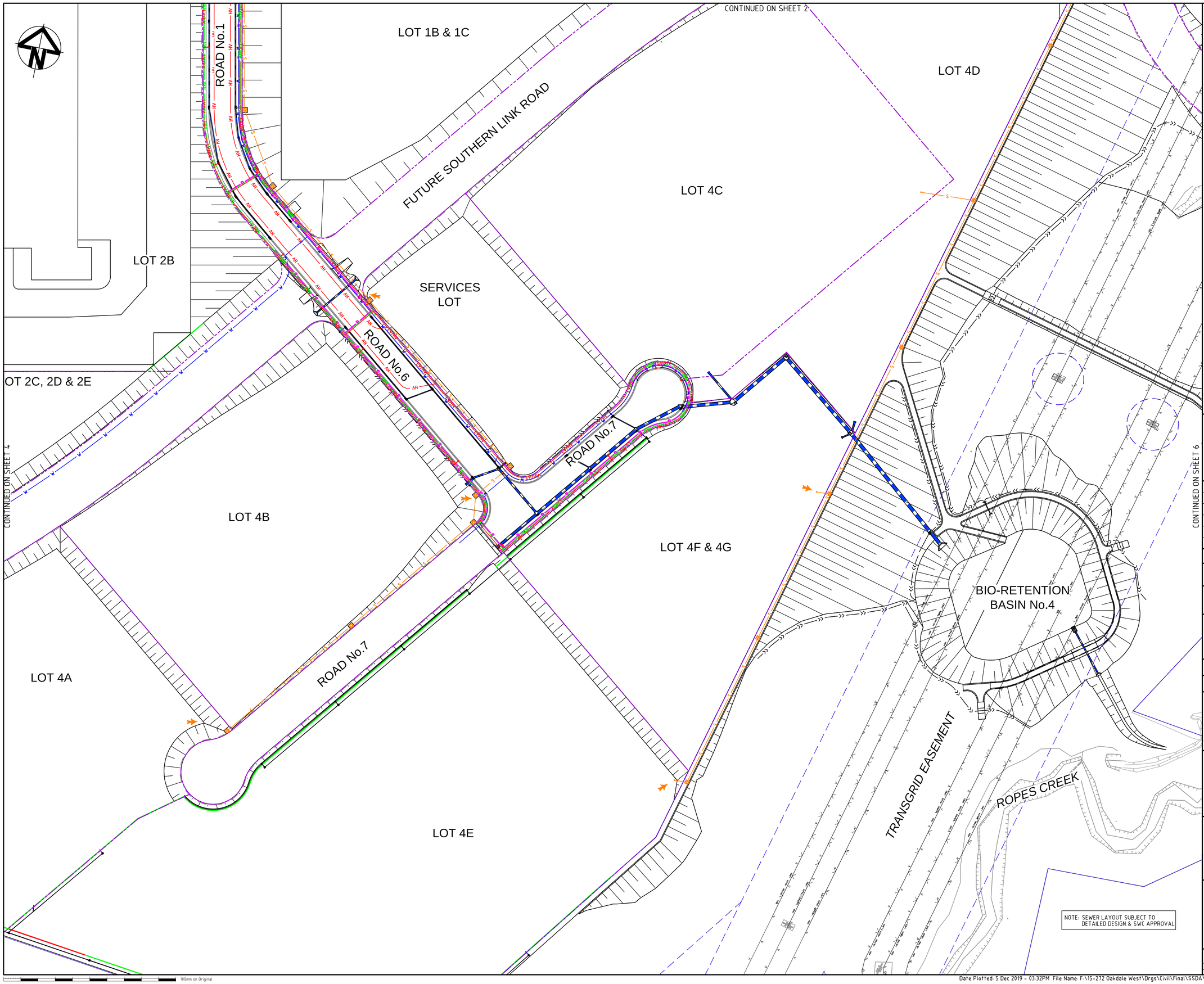
Project

PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

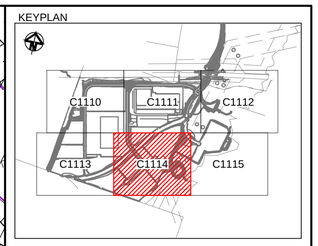
Title

STAGE 1
SERVICES AND UTILITIES COORDINATION PLAN
SHEET 4 OF 6

Drawing No.	Project No.	Issue
15-272-C1113	15-272	A9



KEYPLAN



SERVICES LEGEND

	PROPOSED	EXISTING
HIGH VOLTAGE ELECTRICITY	HV	hv
LOW VOLTAGE ELECTRICITY	LV	lv
ELECTRICITY	E	e
ELECTRICITY OVERHEAD		
TELSTRA CONDUITS	T	t
SEWER SERVICE	S	s
WATER SERVICE	W	w
POTABLE WATER SERVICE	PW	pw
GAS SERVICE	G	g
STORMWATER		sw
DISUSED SERVICE	X X	
SEWER MANHOLE		
LIGHT POLE		
POWER POLE		
TELSTRA PIT		

Bar Scales

0 20 40 60 80

1 : 1000 @ A1 1 : 2000 @ A3

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A3	ISSUED FOR SSD APPROVAL	21-09-18

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 1000	15-272-C1114.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

Goodman

Civil Engineers and Project Managers

at&l
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

Project

PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title

STAGE 1
SERVICES AND UTILITIES COORDINATION PLAN
SHEET 5 OF 6

Drawing No.	Project No.	Issue
15-272-C1114	15-272	A9

101mm on Original

Date Plotted: 5 Dec 2019 - 03:32PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1114.dwg V1

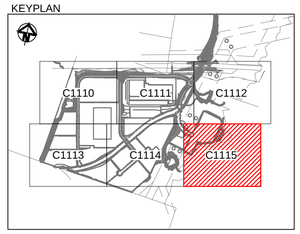
FUTURE ROAD No.8

BIO-RETENTION BASIN No.5

ROPES CREEK

LOT 12 DP1173181

KEYPLAN



SERVICES LEGEND

	PROPOSED	EXISTING
HIGH VOLTAGE ELECTRICITY	HV	hv
LOW VOLTAGE ELECTRICITY	LV	lv
ELECTRICITY	E	e
ELECTRICITY OVERHEAD		
TELSTRA CONDUITS	T	t
SEWER SERVICE	S	s
WATER SERVICE	W	w
POTABLE WATER SERVICE	PW	pw
GAS SERVICE	G	g
STORMWATER		sw
DISUSED SERVICE	X X	
SEWER MANHOLE		
LIGHT POLE		
POWER POLE		
TELSTRA PIT		

Bar Scales

0 20 40 60 80

1 : 1000 @ A1 1 : 2000 @ A3

Issue	Description	Date
A8	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A7	ISSUED FOR INFORMATION MOD 3	19-11-19
A6	ISSUED FOR INFORMATION MOD 3	12-11-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19
A3	ISSUED FOR SSD APPROVAL	21-09-18

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 1000	15-272-C1115.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

Goodman

Civil Engineers and Project Managers

at&l
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

Project

PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

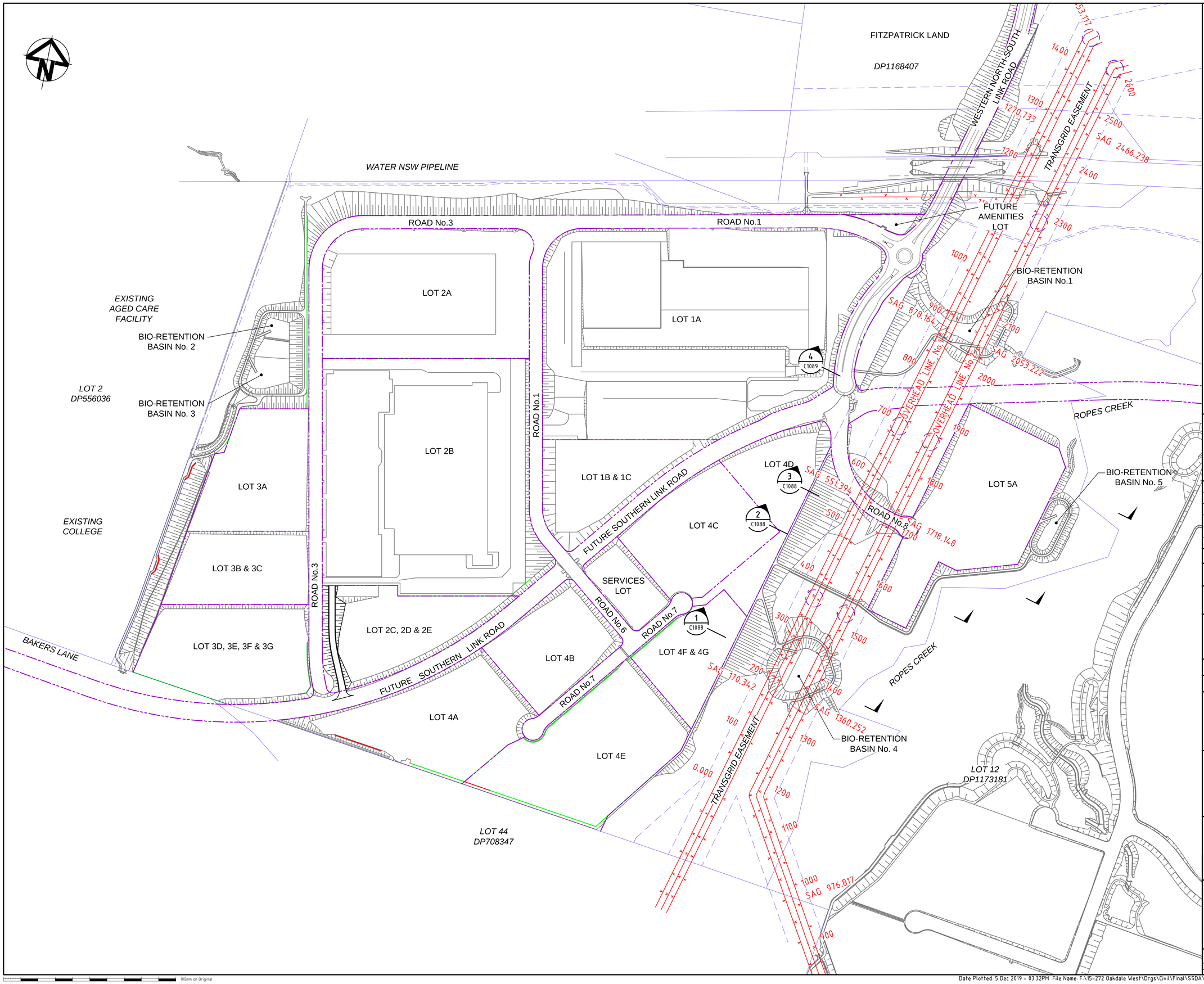
Title

STAGE 1
SERVICES AND UTILITIES COORDINATION PLAN
SHEET 6 OF 6

Drawing No.	Project No.	Issue
15-272-C1115	15-272	A8

100mm on Original

Date Plotted: 5 Dec 2019 - 03:32PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1115.dwg V1



LEGEND

EXISTING ELECTRICITY OVERHEAD

Bar Scales

0 50 100 150 200 250

1 : 3000 @ A1

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 3000	15-272-C1120.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

Goodman

Civil Engineers and Project Managers
at&l
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

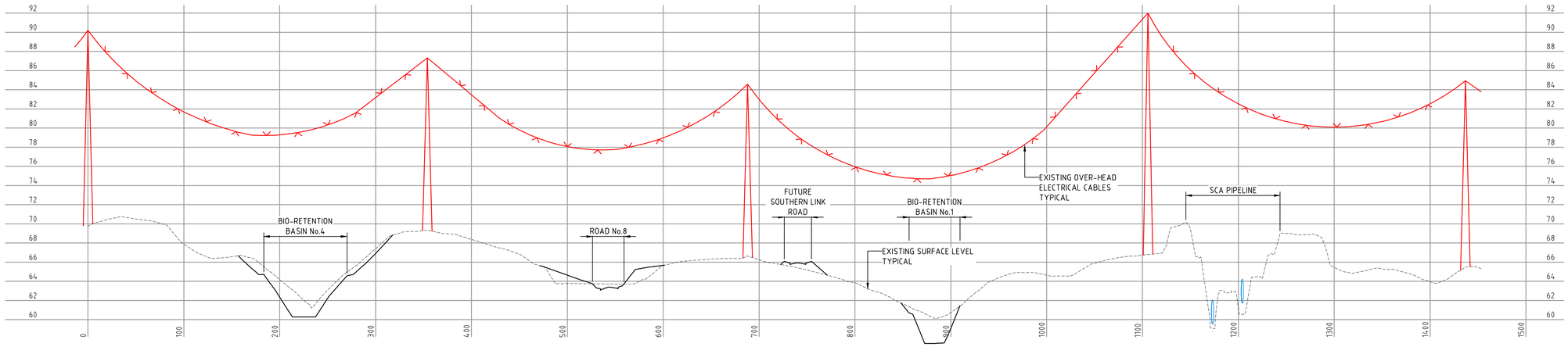
Project
PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title
EXISTING TRANSGRID OVERHEAD ELECTRICAL CABLES PLAN

Drawing No.	Project No.	Issue
15-272-C1120	15-272	A9

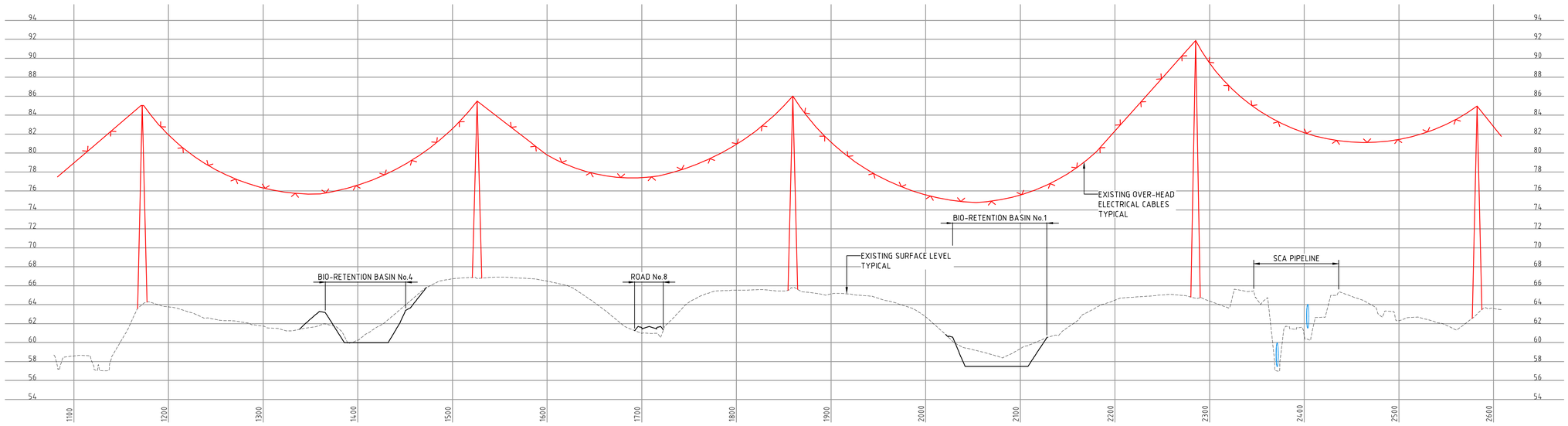
100mm on Original

Date Plotted: 5 Dec 2019 - 03:32PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1120.dwg V1



TRANSGRID OVERHEAD CABLE LINE No.1
LONGITUDINAL SECTION

1 : 250 VER
1 : 2500 HOR



TRANSGRID OVERHEAD CABLE LINE No.2
LONGITUDINAL SECTION

1 : 250 VER
1 : 2500 HOR

Bar Scales

0 5 10 15 20
1 : 250 @ A1 1 : 500 @ A3

0 50 100 150 200
1 : 2500 @ A1 1 : 5000 @ A3

Issue	Description	Date
A8	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A7	ISSUED FOR INFORMATION MOD 3	19-11-19
A6	ISSUED FOR INFORMATION MOD 3	12-11-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19
A3	ISSUED FOR SSD APPROVAL	21-09-18

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION
A1

Scales	AS SHOWN	15-272-C1121.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

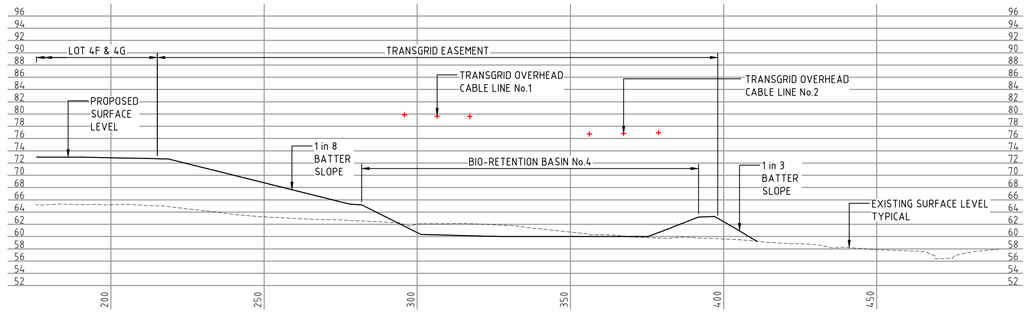
Client

Civil Engineers and Project Managers
at&l
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

Project
PROPOSED INDUSTRIAL DEVELOPMENT
OAKDALE WEST

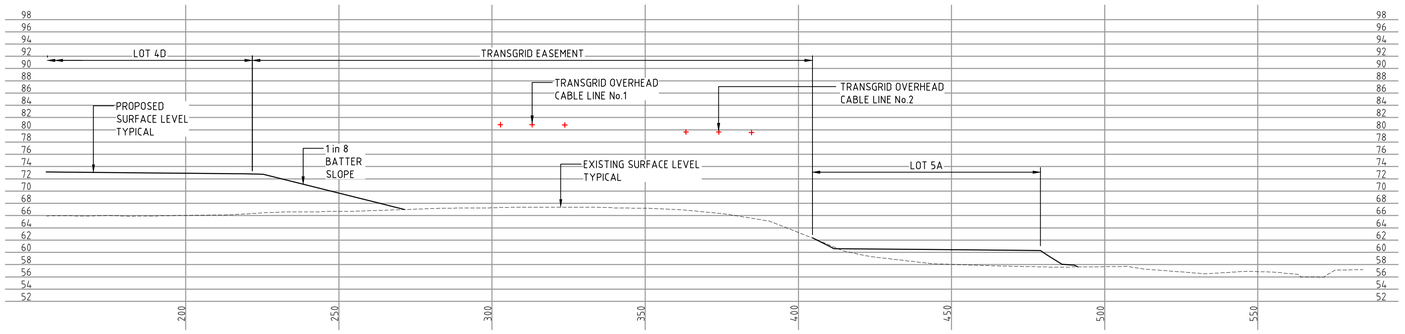
Title
EXISTING TRANSGRID OVERHEAD ELECTRICAL CABLES
LONGITUDINAL SECTIONS

Drawing No.	Project No.	Issue
15-272-C1121	15-272	A8



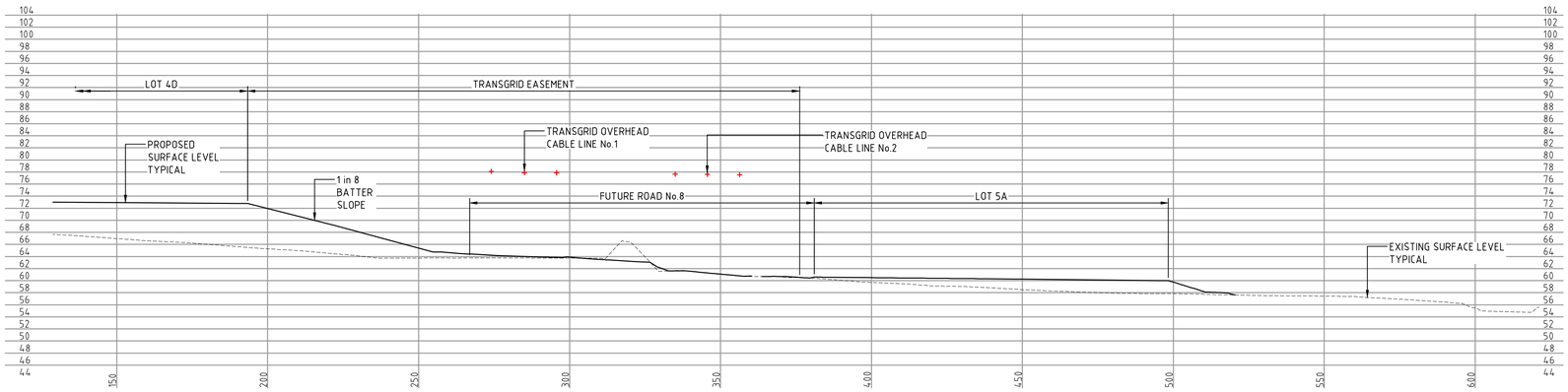
TYPICAL SECTIONAL ALONG CABLE LINE No.1 AT CH220

SECTION 1 C1087
1 : 500 VER
1 : 1000 HOR



TYPICAL SECTIONAL ALONG CABLE LINE No.1 AT CH420

SECTION 2 C1087
1 : 500 VER
1 : 1000 HOR



TYPICAL SECTIONAL ALONG CABLE LINE No.1 AT CH540

SECTION 3 C1087
1 : 500 VER
1 : 1000 HOR

Bar Scales

0 10 20 30 40
1 : 500 @ A1 1 : 1000 @ A3

0 20 40 60 80
1 : 1000 @ A1 1 : 2000 @ A3

Issue	Description	Date
A8	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A7	ISSUED FOR INFORMATION MOD 3	19-11-19
A6	ISSUED FOR INFORMATION MOD 3	12-11-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19
A3	ISSUED FOR SSD APPROVAL	21-09-18

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION
A1

Scales	AS SHOWN	15-272-C1122.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

Civil Engineers and Project Managers
at&l
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

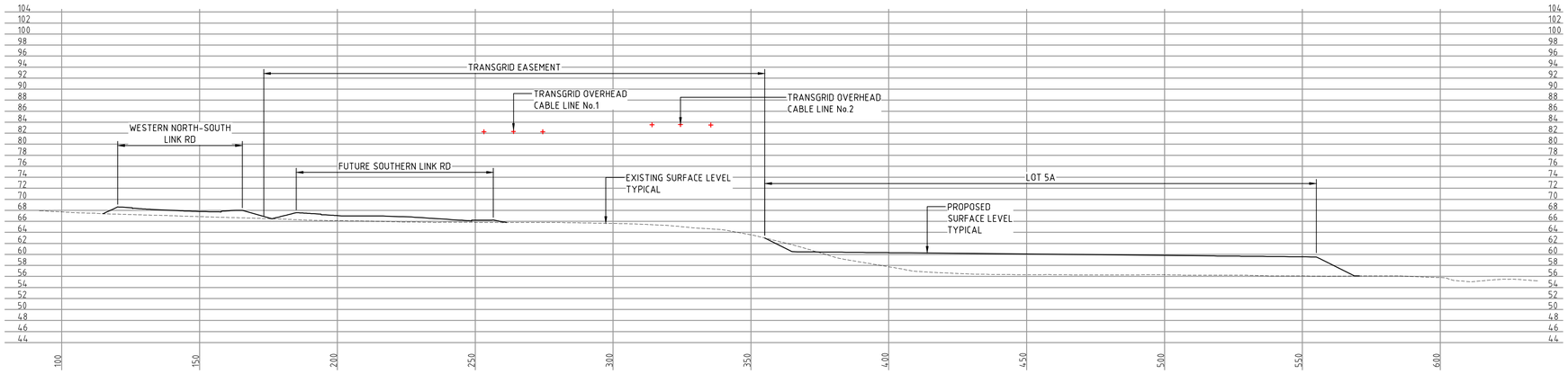
Project
PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title
EXISTING TRANSGRID OVERHEAD ELECTRICAL CABLES TYPICAL SECTIONS SHEET 1 OF 2

Drawing No.	Project No.	Issue
15-272-C1122	15-272	A8

100mm on Original

Date Plotted: 5 Dec 2019 - 03:33PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1122.dwg V1



TYPICAL SECTIONAL ALONG CABLE LINE No.1 AT CH715

SECTION 4 C1087

1 : 500 VER
1 : 1000 HOR

Bar Scales

0 10 20 30 40
1 : 500 @ A1 1 : 1000 @ A3

0 20 40 60 80
1 : 1000 @ A1 1 : 2000 @ A3

Issue	Description	Date
A8	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A7	ISSUED FOR INFORMATION MOD 3	19-11-19
A6	ISSUED FOR INFORMATION MOD 3	12-11-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19
A3	ISSUED FOR SSD APPROVAL	21-09-18

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	AS SHOWN	15-272-C1123.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

Goodman

Civil Engineers and Project Managers

at&l
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

Project
PROPOSED INDUSTRIAL DEVELOPMENT
OAKDALE WEST

Title
EXISTING TRANSGRID OVERHEAD ELECTRICAL CABLES TYPICAL SECTIONS
SHEET 2 OF 2

Drawing No.	Project No.	Issue
15-272-C1123	15-272	A8

WATER NSW PIPELINE

STRAWBALE AND GEOTEXTILE SEDIMENT FILTER AT 30m SPACING (TYP.)

ROAD No.3

PROVIDE SWALE DRAIN (TYP.)

ROCK RIFFLE CHECK DAM AT 30m SPACING (TYP.)

CULVERT CROSSING 375ø RCP @ 0.5%

PROVIDE MESH AND GRAVEL INLET FILTER (TYP.)

LOT 2A

EXISTING AGED CARE FACILITY

SEDIMENT BASIN No.2

SEDIMENT BASIN 2A
CATCHMENT AREA = 8.058 Ha
BASIN SURFACE AREA = 2352m²
DEPTH OF SETTLING ZONE = 600mm
SETTLING ZONE VOLUME = 1411m³
SEDIMENT STORAGE VOLUME = 706m³
TOTAL BASIN VOLUME = 2117m³

TEMPORARY STORMWATER PIPE

EMERGENCY OVERFLOW

SEDIMENT BASIN No.3

TEMPORARY STORMWATER PIPE

PROVIDE SWALE DRAIN (TYP.)

ROCK RIFFLE CHECK DAM AT 30m SPACING (TYP.)

LOT 2 DP556036

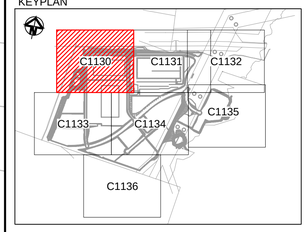
CULVERT CROSSING 375ø RCP @ 0.5%

LOT 2B

ROAD No.1

EMERGENCY OVERFLOW

KEYPLAN



LEGEND

- SEDIMENT FENCE (SD 6-8)
- CATCH DRAIN
- BARRIER FENCE
- STRAW BALE FILTER (SD 6-7)
- MESH AND GRAVEL INLET FILTER (SD 6-11)
- ROCK RIFFLE CHECK DAM
- GEOTEXTILE INLET (SD 6-12)
- STABILISED SITE ACCESS AND TRUCK WASH DOWN AREA (SD 6-14)
- PROPOSED SITE ACCESS GATE

Bar Scales

0 20 40 60 80

1 : 1000 @ A1 1 : 2000 @ A3

Issue	Description	Date
A8	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A7	ISSUED FOR INFORMATION MOD 3	19-11-19
A6	ISSUED FOR INFORMATION MOD 3	12-11-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19
A3	ISSUED FOR SSD APPROVAL	21-09-18

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

Status: MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 1000	15-272-C1130.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client: Goodman

Civil Engineers and Project Managers
at&l
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

Project
PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title
EROSION AND SEDIMENT CONTROL PLAN
SHEET 1 OF 7

Drawing No.	Project No.	Issue
15-272-C1130	15-272	A8

100mm on Original

Date Plotted: 5 Dec 2019 - 04:07PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1130.dwg V1

WATER NSW PIPELINE

STRAWBALE AND GEOTEXTILE SEDIMENT FILTER AT 30m SPACING (TYP.)

PROVIDE MESH AND GRAVEL INLET FILTER (TYP.)

ROAD No.1

AMENITIES LOT

WESTERN NORTH-SOUTH LINK ROAD

EMERGENCY OVERFLOW

PROVIDE CATCH DRAIN (TYP.)

ROCK RIFFLE CHECK DAM AT 30m SPACING (TYP.)

CULVERT CROSSING 375ø RCP @ 0.5%

SEDIMENT BASIN 1A
CATCHMENT AREA = 18.737 Ha
BASIN SURFACE AREA = 5465m²
DEPTH OF SETTLING ZONE = 600mm
SETTLING ZONE VOLUME = 3279m³
SEDIMENT STORAGE VOLUME = 1640m³
TOTAL BASIN VOLUME = 4919m³

STRAWBALE AND GEOTEXTILE SEDIMENT FILTER AT 30m SPACING (TYP.)

LOT 1A

WESTERN NORTH-SOUTH LINK ROAD

TRANSGRID EASEMENT

ROCK RIFFLE CHECK DAM AT 30m SPACING (TYP.)

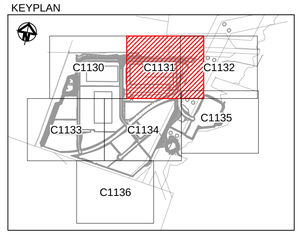
PROVIDE CATCH DRAIN (TYP.)

EMERGENCY OVERFLOW

CULVERT CROSSING 375ø RCP @ 0.4%

TEMPORARY SEDIMENT BASIN SLR B
CATCHMENT AREA = 6.821 Ha
BASIN SURFACE AREA = 2000m²
DEPTH OF SETTLING ZONE = 600mm
SETTLING ZONE VOLUME = 1200m³
SEDIMENT STORAGE VOLUME = 600m³
TOTAL BASIN VOLUME = 1800m³

KEYPLAN



LEGEND

- SEDIMENT FENCE (SD 6-8)
- CATCH DRAIN
- BARRIER FENCE
- STRAW BALE FILTER (SD 6-7)
- MESH AND GRAVEL INLET FILTER (SD 6-11)
- ROCK RIFFLE CHECK DAM
- GEOTEXTILE INLET (SD 6-12)
- STABILISED SITE ACCESS AND TRUCK WASH DOWN AREA (SD 6-14)
- PROPOSED SITE ACCESS GATE

Bar Scales

0 20 40 60 80

1 : 1000 @ A1 1 : 2000 @ A3

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status: MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 1000	15-272-C1131.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client: Goodman

Civil Engineers and Project Managers
at&l
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

Project
PROPOSED INDUSTRIAL DEVELOPMENT
OAKDALE WEST

Title
EROSION AND SEDIMENT CONTROL PLAN
SHEET 2 OF 7

Drawing No.	Project No.	Issue
15-272-C1131	15-272	A9

100mm on Original

Date Plotted: 5 Dec 2019 - 04:07PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1131.dwg V1

AMENITIES LOT

EMERGENCY OVERFLOW

WESTERN NORTH-SOUTH LINK ROAD

TRANSGRID EASEMENT

STRAWBALE AND GEOTEXTILE SEDIMENT FILTER AT 30m SPACING (TYP.)

PROVIDE SWALE DRAIN (TYP.)

SEDIMENT BASIN No.1

EMERGENCY OVERFLOW

TEMPORARY SEDIMENT BASIN SLR B

CATCHMENT AREA = 6.821 Ha

BASIN SURFACE AREA = 2000m²

DEPTH OF SETTLING ZONE = 600mm

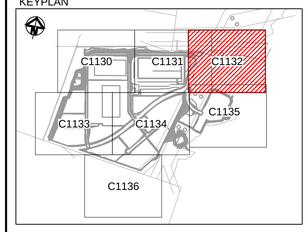
SETTLING ZONE VOLUME = 1200m³

SEDIMENT STORAGE VOLUME = 600m³

TOTAL BASIN VOLUME = 1800m³

ROPES CREEK

KEYPLAN



LEGEND

- SEDIMENT FENCE (SD 6-8)
- CATCH DRAIN
- BARRIER FENCE
- STRAW BALE FILTER (SD 6-7)
- MESH AND GRAVEL INLET FILTER (SD 6-11)
- ROCK RIFFLE CHECK DAM
- GEOTEXTILE INLET (SD 6-12)
- STABILISED SITE ACCESS AND TRUCK WASH DOWN AREA (SD 6-14)
- PROPOSED SITE ACCESS GATE

Bar Scales

0 20 40 60 80

1 : 1000 @ A1 1 : 2000 @ A3

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status: MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 1000	15-272-C1132.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client: Goodman

Civil Engineers and Project Managers
at&l
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

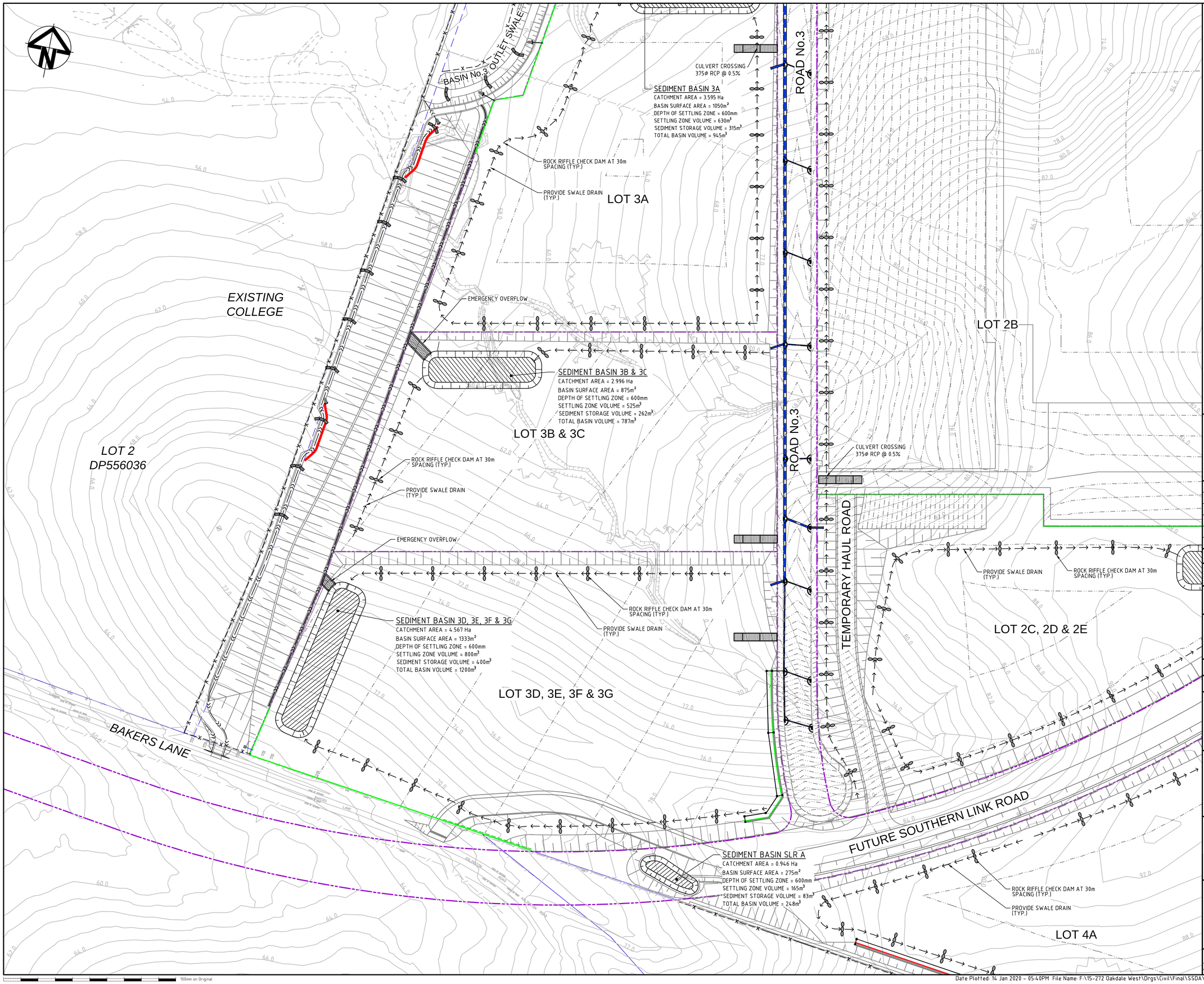
Project
PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title
EROSION AND SEDIMENT CONTROL PLAN
SHEET 3 OF 7

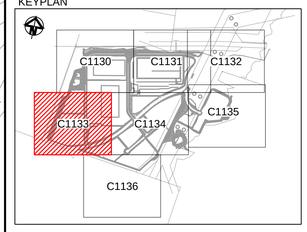
Drawing No.	Project No.	Issue
15-272-C1132	15-272	A9

100mm on Original

Date Plotted: 5 Dec 2019 - 04:07PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1132.dwg V1



KEYPLAN



LEGEND

- SEDIMENT FENCE (SD 6-8)
- CATCH DRAIN
- BARRIER FENCE
- STRAW BALE FILTER (SD 6-7)
- MESH AND GRAVEL INLET FILTER (SD 6-11)
- ROCK RIFFLE CHECK DAM
- GEOTEXTILE INLET (SD 6-12)
- STABILISED SITE ACCESS AND TRUCK WASH DOWN AREA (SD 6-14)
- PROPOSED SITE ACCESS GATE

Bar Scales

0 20 40 60 80

1 : 1000 @ A1 1 : 2000 @ A3

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	14-01-20
A8	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A7	ISSUED FOR INFORMATION MOD 3	19-11-19
A6	ISSUED FOR INFORMATION MOD 3	12-11-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 1000	15-272-C1133.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

Goodman

Civil Engineers and Project Managers
at&l
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

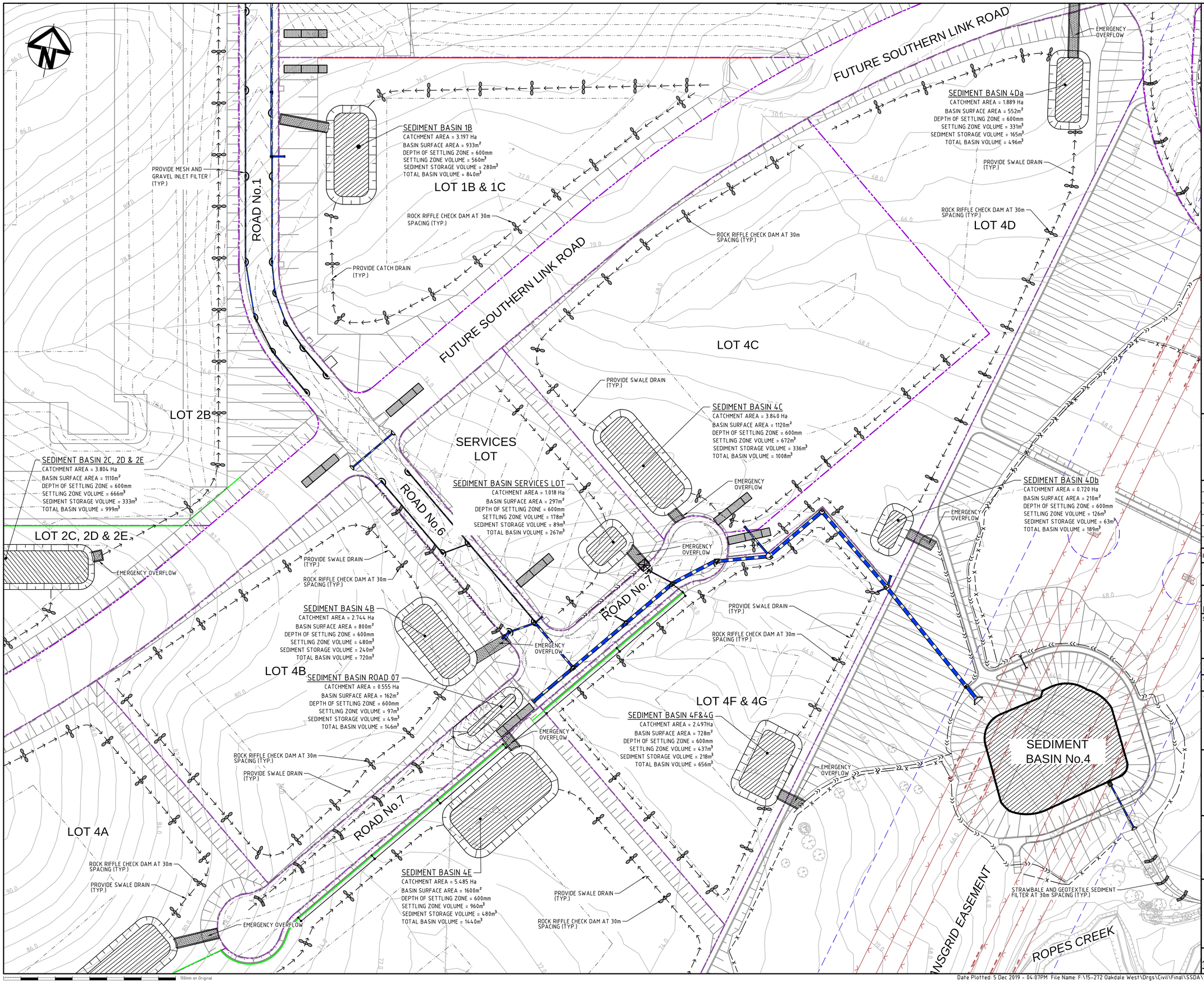
Project
PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title
EROSION AND SEDIMENT CONTROL PLAN
SHEET 4 OF 7

Drawing No.	Project No.	Issue
15-272-C1133	15-272	A9

100mm on Original

Date Plotted: 14 Jan 2020 - 05:40PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1133.dwg V1



KEYPLAN

LEGEND

- SEDIMENT FENCE (SD 6-8)
- CATCH DRAIN
- BARRIER FENCE
- STRAW BALE FILTER (SD 6-7)
- MESH AND GRAVEL INLET FILTER (SD 6-11)
- ROCK RIFFLE CHECK DAM
- GEOTEXTILE INLET (SD 6-12)
- STABILISED SITE ACCESS AND TRUCK WASH DOWN AREA (SD 6-14)
- PROPOSED SITE ACCESS GATE

Bar Scales

0 20 40 60 80

1 : 1000 @ A1 1 : 2000 @ A3

Issue	Description	Date
A9	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A8	ISSUED FOR INFORMATION MOD 3	19-11-19
A7	ISSUED FOR INFORMATION MOD 3	12-11-19
A6	ISSUED FOR SSD APPROVAL MOD 2	18-09-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19

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

Status: MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	1 : 1000	15-272-C1134.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client: Goodman

Civil Engineers and Project Managers
at&l
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

Project
PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title
EROSION AND SEDIMENT CONTROL PLAN
SHEET 5 OF 7

Drawing No.	Project No.	Issue
15-272-C1134	15-272	A9

100mm on Original

Date Plotted: 5 Dec 2019 - 04:07PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1134.dwg V1

WESTERN NORTH-SOUTH LINK ROAD

TRANSGRID EASEMENT

SEDIMENT BASIN No.1

EMERGENCY OVERFLOW

TEMPORARY SEDIMENT BASIN SLR B

CATCHMENT AREA = 6.821 Ha
BASIN SURFACE AREA = 2000m²
DEPTH OF SETTLING ZONE = 600mm
SETTLING ZONE VOLUME = 1200m³
SEDIMENT STORAGE VOLUME = 600m³
TOTAL BASIN VOLUME = 1800m³

ROPES CREEK

LOT 5A

ROCK RIFFLE CHECK DAM AT 30m SPACING (TYP.)

PROVIDE SWALE DRAIN (TYP.)

SEDIMENT BASIN 5A

CATCHMENT AREA = 6.887 Ha
BASIN SURFACE AREA = 2008m²
DEPTH OF SETTLING ZONE = 600mm
SETTLING ZONE VOLUME = 1205m³
SEDIMENT STORAGE VOLUME = 603m³
TOTAL BASIN VOLUME = 1808m³

EMERGENCY OVERFLOW

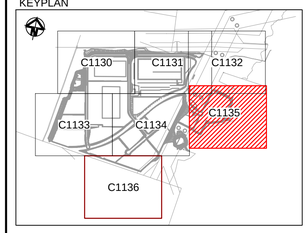
SEDIMENT BASIN No.5

STRAWBALE AND GEOTEXTILE SEDIMENT FILTER AT 30m SPACING (TYP.)

FUTURE ROAD No.8

ROPES CREEK

KEYPLAN



LEGEND

- SEDIMENT FENCE (SD 6-8)
- CATCH DRAIN
- BARRIER FENCE
- STRAW BALE FILTER (SD 6-7)
- MESH AND GRAVEL INLET FILTER (SD 6-11)
- ROCK RIFFLE CHECK DAM
- GEOTEXTILE INLET (SD 6-12)
- STABILISED SITE ACCESS AND TRUCK WASH DOWN AREA (SD 6-14)
- PROPOSED SITE ACCESS GATE

Bar Scales

0 20 40 60 80

1 : 1000 @ A1 1 : 2000 @ A3

Issue	Description	Date
A8	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A7	ISSUED FOR INFORMATION MOD 3	19-11-19
A6	ISSUED FOR INFORMATION MOD 3	12-11-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19
A3	ISSUED FOR SSD APPROVAL	21-09-18

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

Status: MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION — A1

Scales	1 : 1000	15-272-C1135.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client: Goodman

Civil Engineers and Project Managers
at&l
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

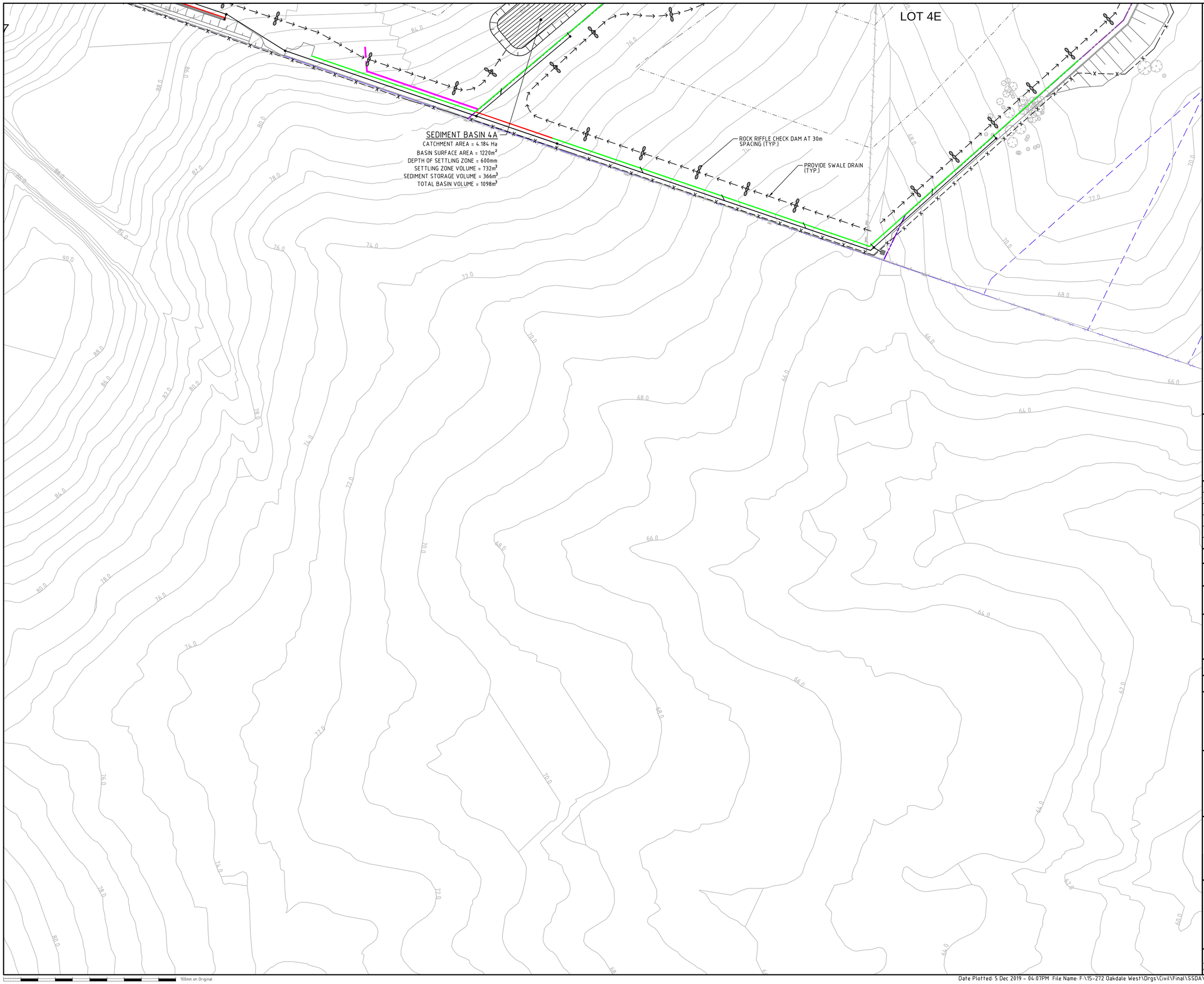
Project: PROPOSED INDUSTRIAL DEVELOPMENT OAKDALE WEST

Title: EROSION AND SEDIMENT CONTROL PLAN SHEET 6 OF 7

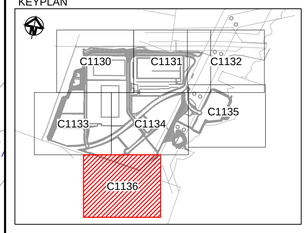
Drawing No.	Project No.	Issue
15-272-C1135	15-272	A8

100mm on Original

Date Plotted: 5 Dec 2019 - 04:07PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1135.dwg V1



KEYPLAN



LEGEND

- SEDIMENT FENCE (SD 6-8)
- CATCH DRAIN
- BARRIER FENCE
- STRAW BALE FILTER (SD 6-7)
- MESH AND GRAVEL INLET FILTER (SD 6-11)
- ROCK RIFFLE CHECK DAM
- GEOTEXTILE INLET (SD 6-12)
- STABILISED SITE ACCESS AND TRUCK WASH DOWN AREA (SD 6-14)
- PROPOSED SITE ACCESS GATE

Bar Scales

0 20 40 60 80

1 : 1000 @ A1 1 : 2000 @ A3

Issue	Description	Date
A8	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A7	ISSUED FOR INFORMATION MOD 3	19-11-19
A6	ISSUED FOR INFORMATION MOD 3	12-11-19
A5	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A4	ISSUED FOR INFORMATION MOD 2	07-06-19
A3	ISSUED FOR SSD APPROVAL	21-09-18

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales		15-272-C1136.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

Goodman

Civil Engineers and Project Managers

at&l
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

Project

PROPOSED INDUSTRIAL DEVELOPMENT
OAKDALE WEST

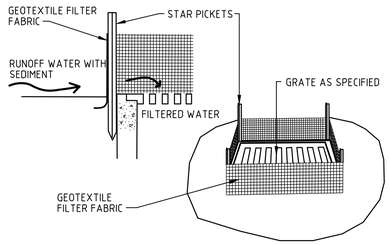
Title

EROSION AND SEDIMENT CONTROL PLAN
SHEET 7 of 7

Drawing No.	Project No.	Issue
15-272-C1136	15-272	A8

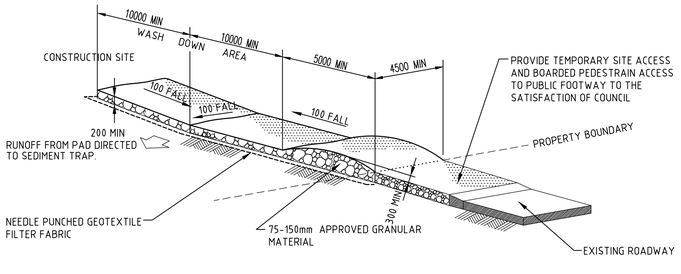
100mm on Original

Date Plotted: 5 Dec 2019 - 04:07PM File Name: F:\15-272 Oakdale West\Drgs\Civil\Final\SSDA\1000_MOD 3_Infrastructure Package\15-272-C1136.dwg V1



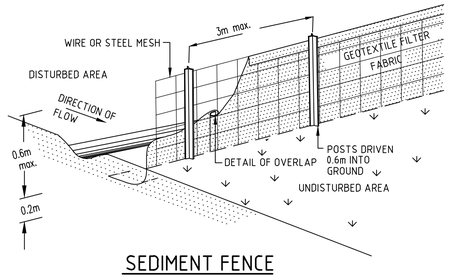
GEOTEXTILE FILTER PIT SURROUND

NTS



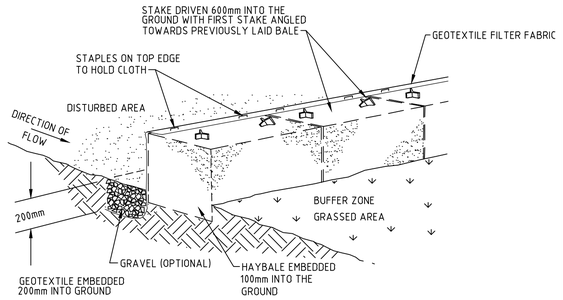
STABILISED SITE ACCESS AND TRUCK WASH DOWN AREA

NTS



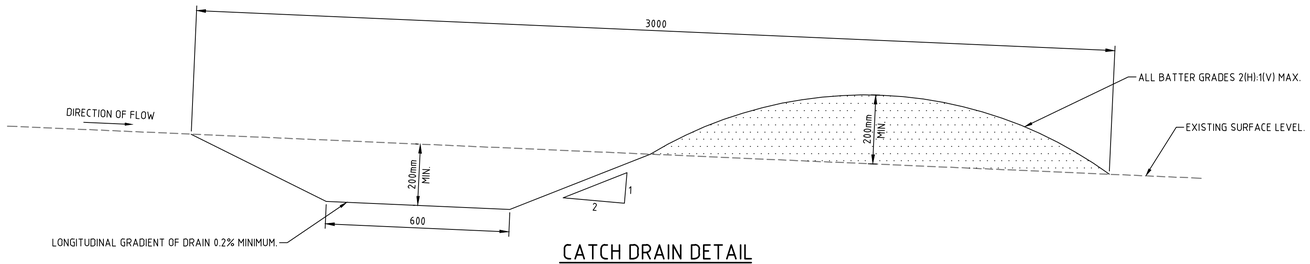
SEDIMENT FENCE

NTS



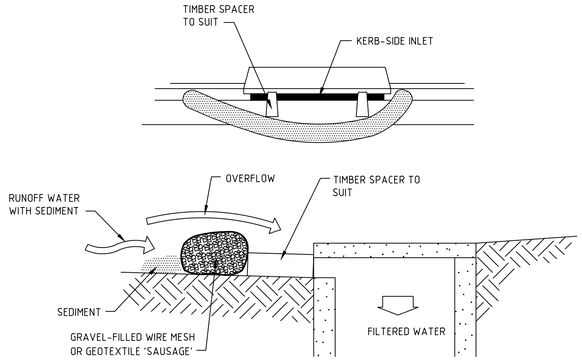
HAYBALE AND GEOTEXTILE SEDIMENT FILTER

NTS



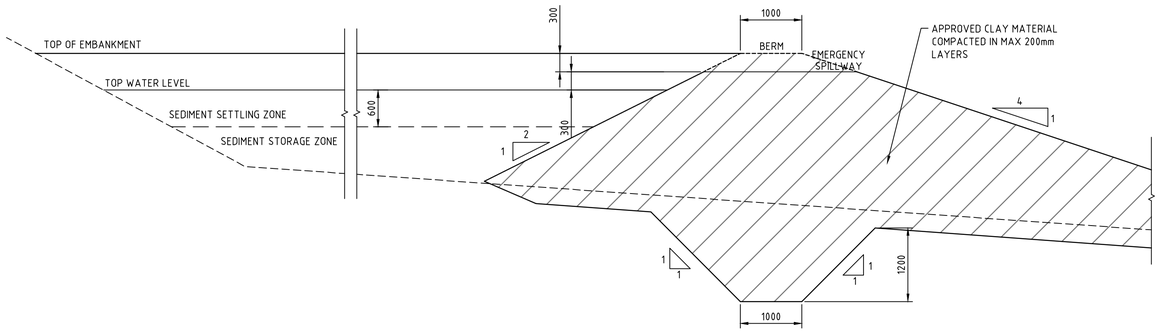
CATCH DRAIN DETAIL

SCALE 1:10



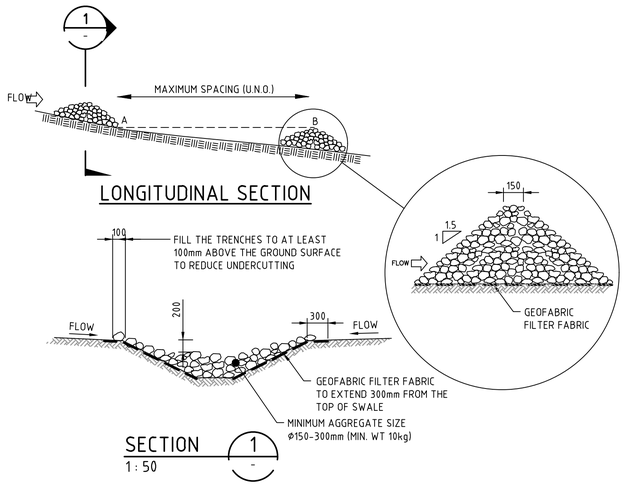
MESH AND GRAVEL INLET FILTER

NTS



SEDIMENT BASIN TYPICAL CROSS SECTION

1 : 50



LONGITUDINAL SECTION

ROCK RIFFLE CHECK DAM (SD 5-4)

1 : 50

Bar Scales

0 20 40 60 80

1 : 1000 @ A1 1 : 2000 @ A3

Issue	Description	Date
A6	ISSUED FOR SSD APPROVAL MOD 3	06-12-19
A5	ISSUED FOR INFORMATION MOD 3	19-11-19
A4	ISSUED FOR INFORMATION MOD 3	12-11-19
A3	ISSUED FOR SSD APPROVAL MOD 2	24-07-19
A2	ISSUED FOR INFORMATION MOD 2	07-06-19
A1	ISSUED FOR SSD APPROVAL	21-09-18

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

Status
MOD 3 APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales		15-272-C1137.dwg	
		Drawn	GB
		Designed	GB
Height Datum	AHD	Checked	AM
Grid	MGA	Approved	AM

Client

Goodman

Civil Engineers and Project Managers

at&l
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

Project

PROPOSED INDUSTRIAL DEVELOPMENT
OAKDALE WEST

Title

EROSION AND SEDIMENT CONTROL DETAILS

Drawing No.	Project No.	Issue
15-272-C1137	15-272	A6