

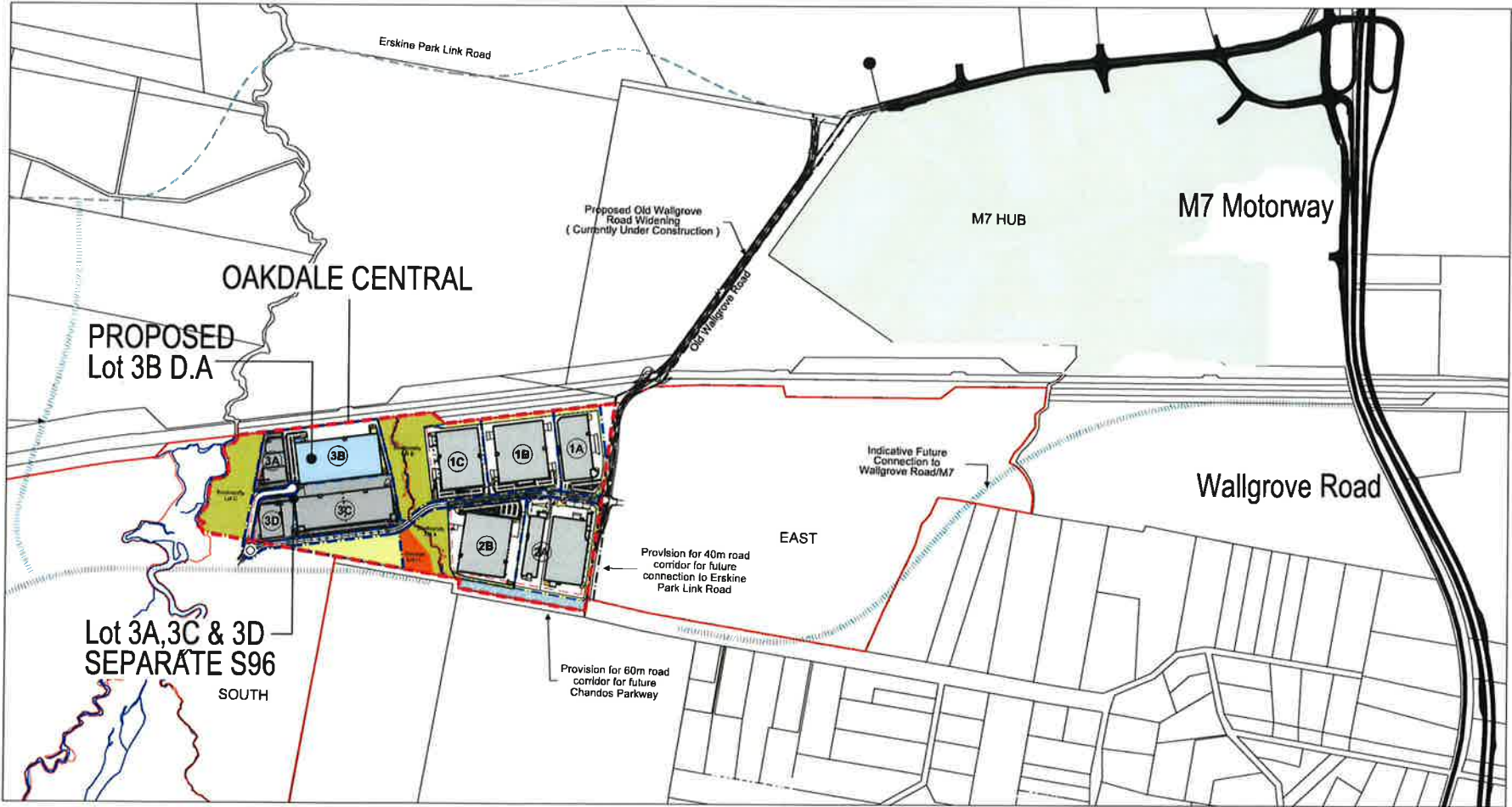
PROPOSED INDUSTRIAL FACILITIES
LOT 3B
OAKDALE CENTRAL
Old Wallgrove Road HORSLEY PARK, NSW 2175

Drawing List

DA-01	W	Cover Sheet & Title Page
DA-02	V	Estate Masterplan
DA-03	G	Lot 3 Masterplan
3 DA-10	T	Lot 3B Site Plan / Floor Plan
3 DA-11	F	Lot 3B Roof Plan
3 DA-12	K	Lot 3B Office Plans
3 DA-13	F	Lot 3B Office Elevations
3 DA-14	F	Lot 3B Elevations
3 DA-15	D	Lot 3B Sections



OFFICE VIEW FROM NORTH WEST



NSW GOVERNMENT
Planning

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granted on the.... 16 September 2016.....

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Sheet No.....1.....of.....28.....



CENTRAL Area Schedule

TOTAL LAND AREA		612,065 sqm
Lot	Site Area	Building Area
Lot 1A	41,368 sqm	20,220 sqm
Lot 1B	58,760 sqm	31,745 sqm*
Lot 1C	46,417 sqm	27,145 sqm*
Lot 2A	74,693 sqm	36,570 sqm
Lot 2B	60,010 sqm	31,080 sqm*
Lot 3A	16,016 sqm	7,283 sqm*
Lot 3B	58,493 sqm	36,635 sqm*
Lot 3C	55,622 sqm	33,426 sqm*
Lot 3D	18,795 sqm	8,275 sqm*
SUB TOTAL		414,158 sqm 232,379 sqm*
Lot 4	21,615 sqm	0 sqm*
CENTRAL TOTAL		435,773 sqm 232,379 sqm*
Services Lot	10,000 sqm	
Biodiversity Lot A	18,367 sqm	
Biodiversity Lot B	40,812 sqm	
Biodiversity Lot C	41,533 sqm	
Road Widening Lots	4,572 sqm	

* Areas subject to Survey.



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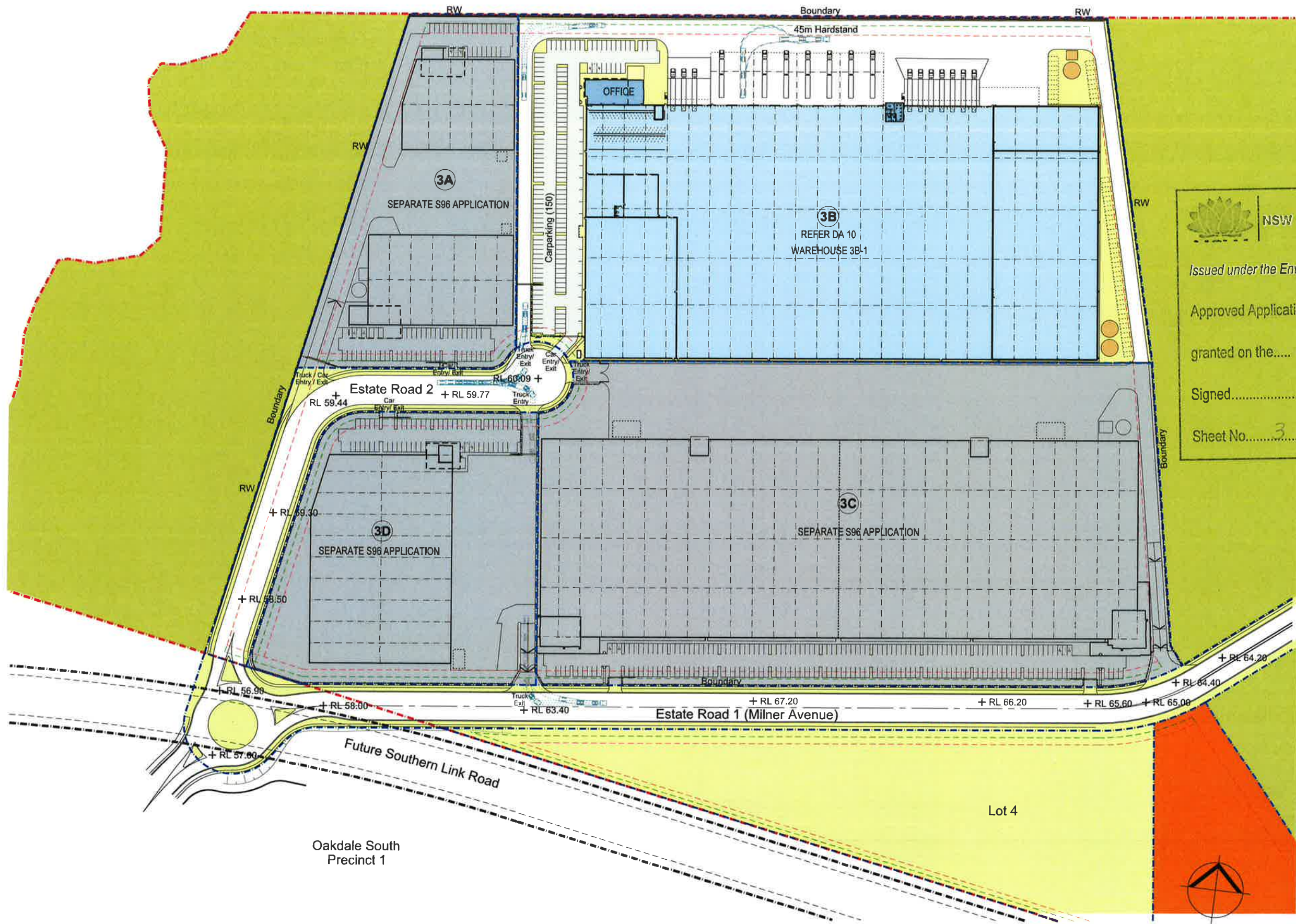
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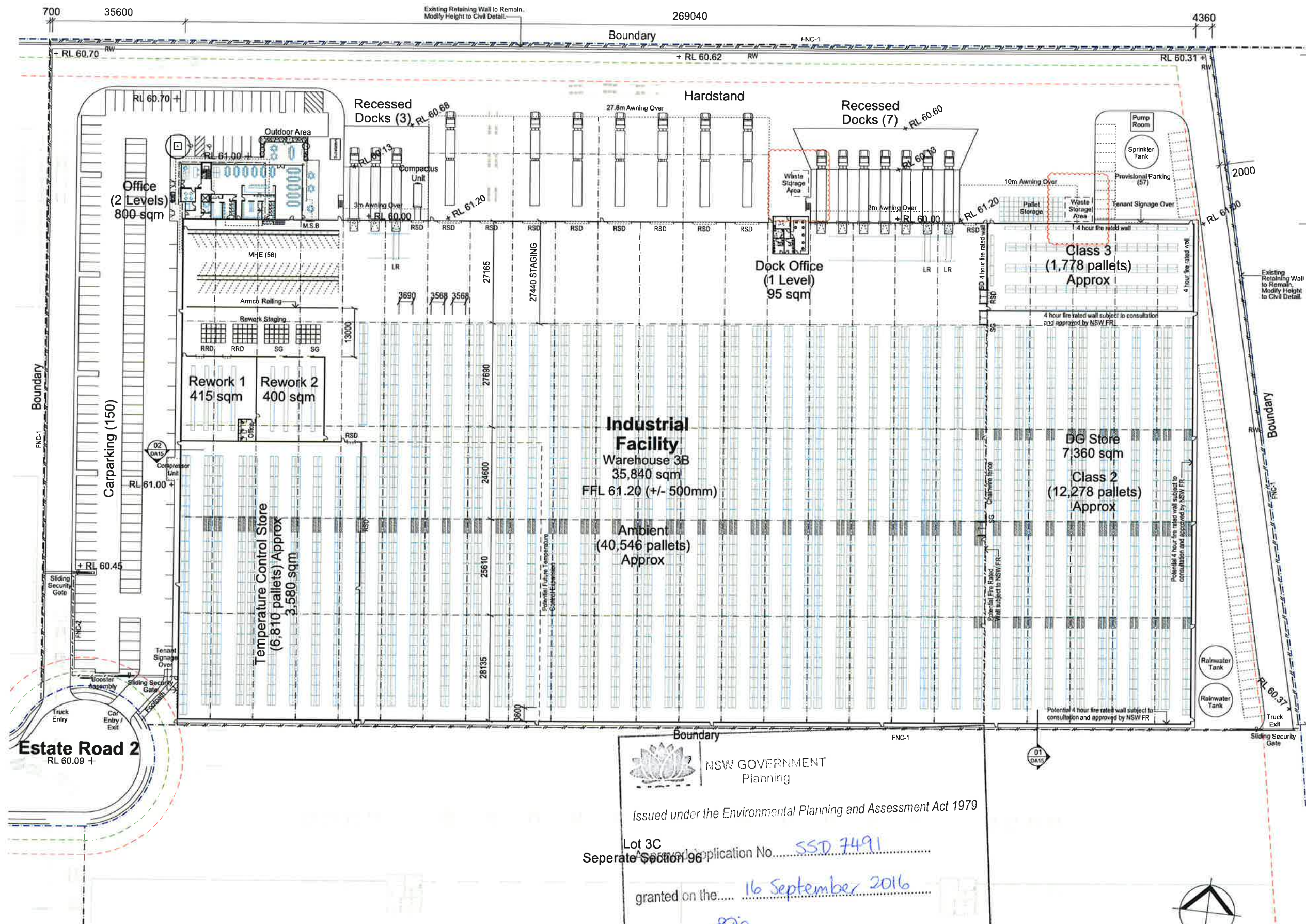
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Development Area Schedule	
Total Site Area	155,899 sqm
Estate Road 2	6,974 sqm
Lot 3B	
Site Area	58,493 sqm
Warehouse	35,840 sqm
Office	700 sqm
Dock Office (1 level)	95 sqm
Total Building Area	36,635 sqm
Awning	2,953 sqm
Site Cover (exc. awning)	63 %
Floor Space Ratio	0.63 : 1
Hardstand Area	12,606 sqm
Light Duty Area	4,495 sqm
Carparking	150



- LEGEND**
- Site Boundary
 - Lot Boundary
 - Building Setback 7.5m
 - Landscape Setback 3.75m
 - FNC-1 Chainwire Fencing
 - FNC-2 Palisade Fencing
 - RW Retaining Wall

NOTE:
INDICATIVE RACKING PLAN
SUBJECT TO FINAL
CO-ORDINATION

Development Area Schedule

Site Area	58,493 sqm
Warehouse	35,840 sqm
Office	800 sqm
Dock Office (1 level)	95 sqm
Total Building Area	36,735 sqm
Awning	2,953 sqm
Site Cover (exc. awning)	63 %
Floor Space Ratio	0.63 : 1
Hardstand Area	12,606 sqm
Light Duty Area	4,495 sqm
Carparking	150

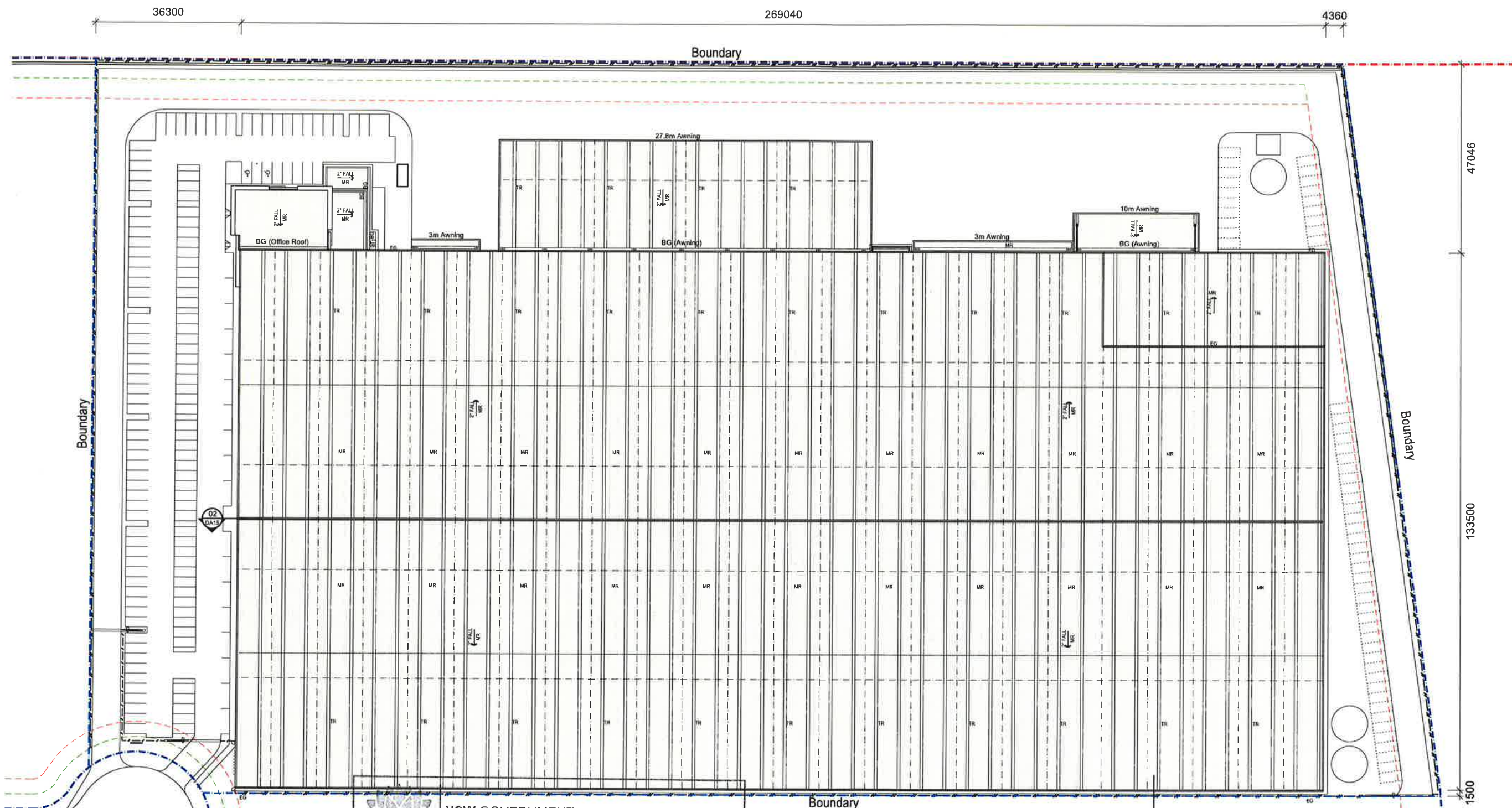
Lot 3C
Separate Section 96

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4 28



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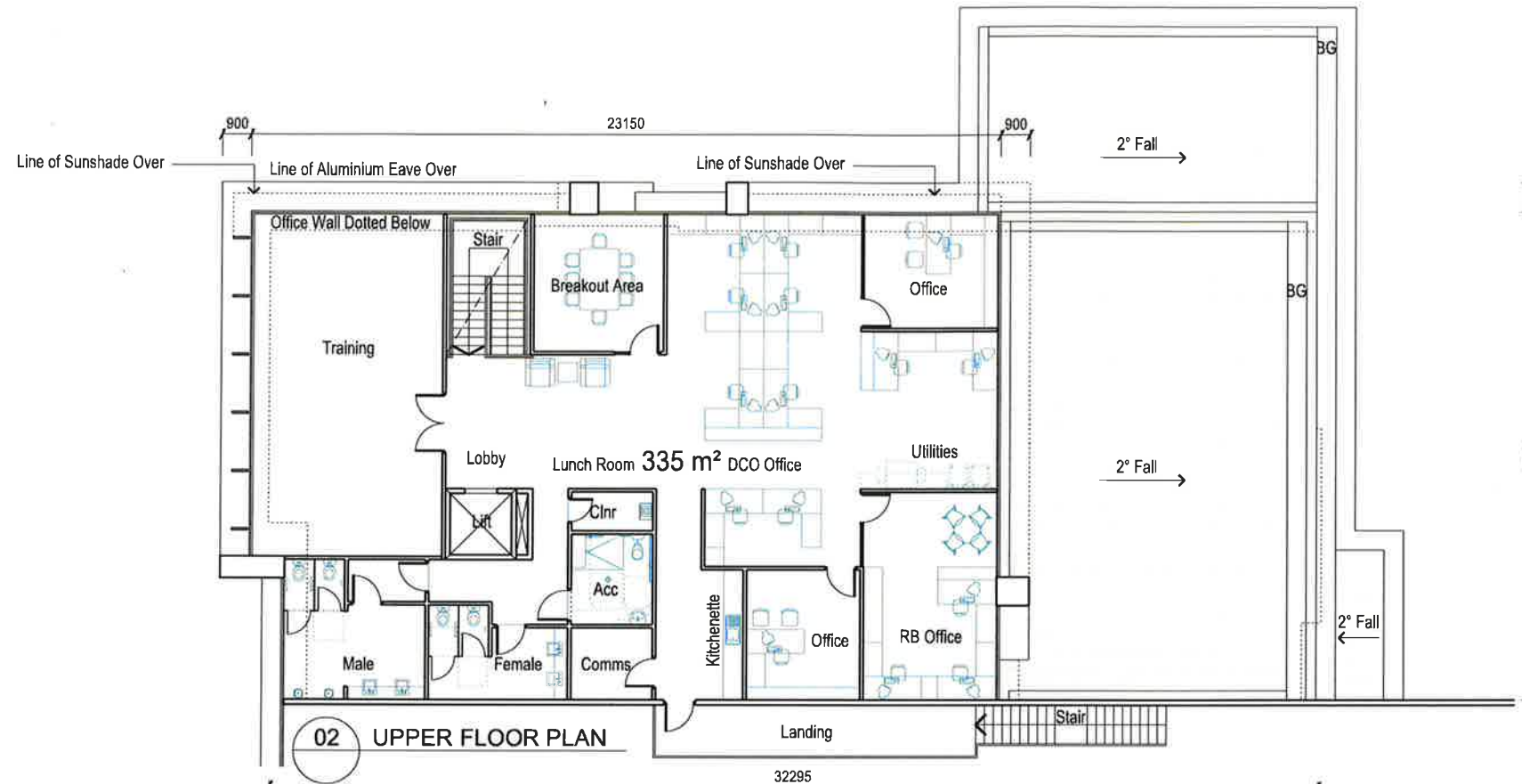
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LEGEND	
BG	Box Gutter
EG	Eaves Gutter
MR	Metal Roof Sheetting
TR	Translucent Sheetting





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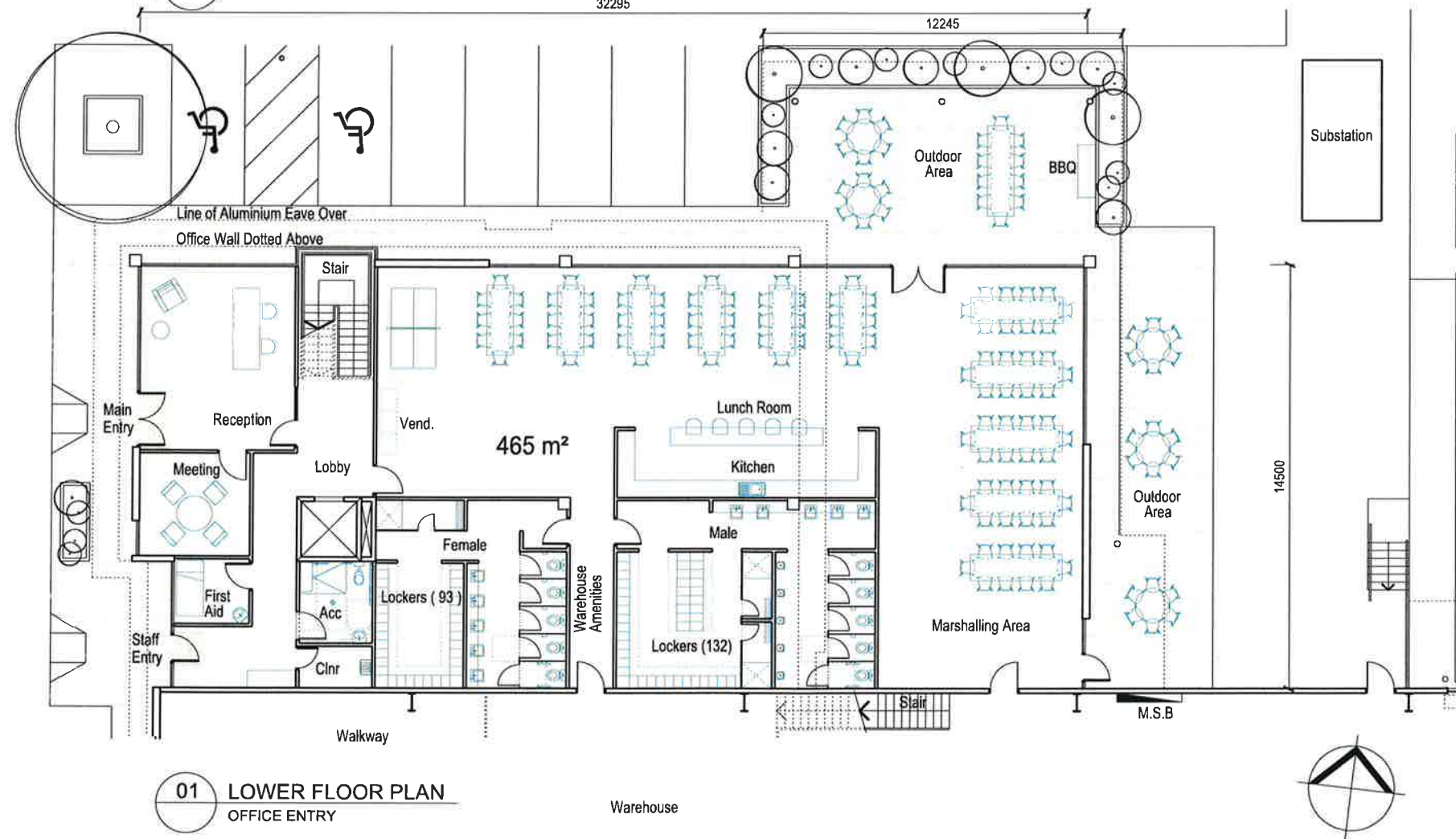
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AREA SCHEDULE

LOWER FLOOR	465 m²
UPPER FLOOR	335 m²
TOTAL AREA	800 m²



01 North Elevation
WAREHOUSE 3B

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Planning
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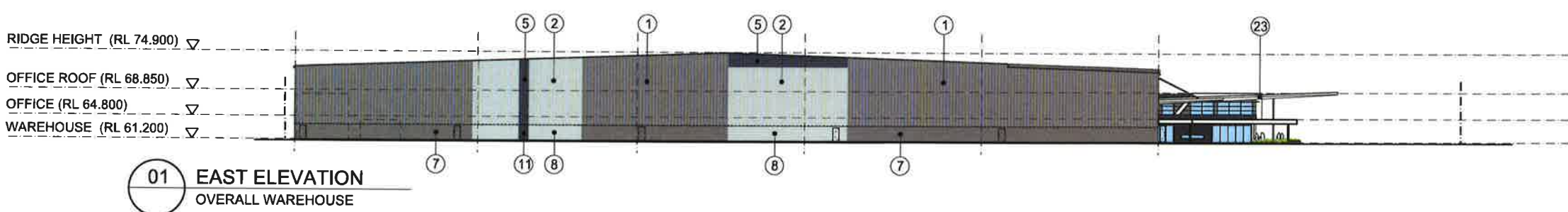
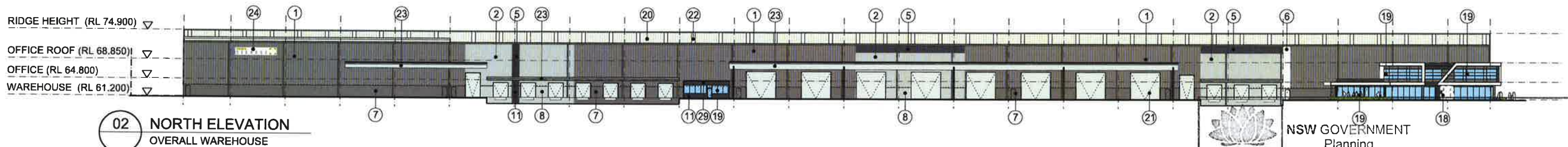
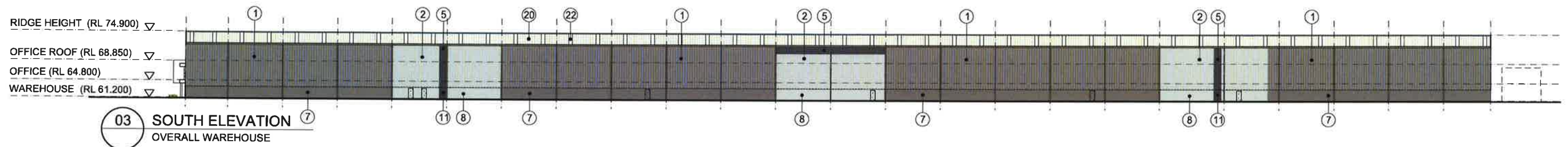
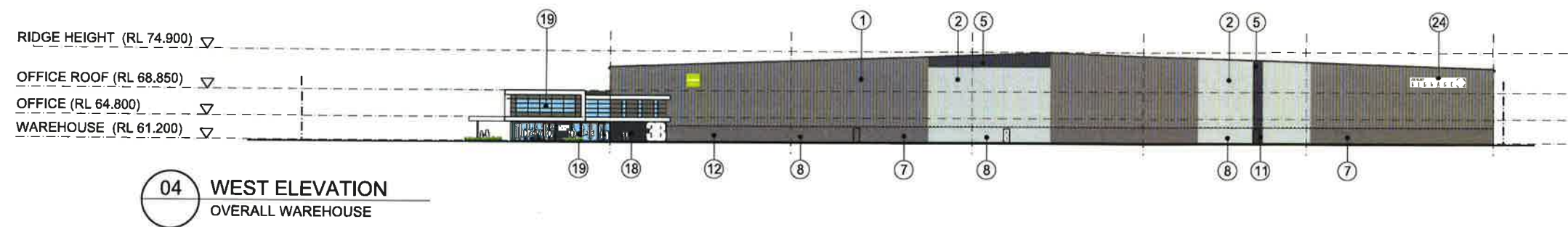


02 West Elevation
WAREHOUSE 3B

03 East Elevation
WAREHOUSE 3B

Indicative External Finishes Legend

① Profiled Metal Wall Cladding Colorbond Basalt	⑦ Precast Concrete Dado Panel Paint Finish 'Basalt'	⑬ Aluminium Cladding 'Copper'	⑲ Aluminium Window Frames - Dark Grey (or sim.)	⑲ Goodman Sign
② Profiled Metal Wall Cladding Colorbond Shale Grey	⑧ Precast Concrete Dado Panel Paint Finish 'Shale Grey'	⑭ Aluminium Cladding 'Pommel Blue'	⑲ Profiled Metal Roofing - Light Grey	⑲ Colour Back Glass -
③ Profiled Metal Wall Cladding Dulux Alphatec 'Copper'	⑨ Precast Concrete Dado Panel Paint Finish 'Copper'	⑮ Aluminium Cladding 'Dark Grey'	⑲ Metal Roller Shutter Door - 'Galv. Finish'	⑲ Aluminium Cladding 'White'
④ Profiled Metal Wall Cladding Dulux Alphatec 'Pommel Blue'	⑩ Precast Concrete Dado Panel Paint Finish 'Pommel Blue'	⑯ Kingspan Colorbond Panel 'Basalt'	⑲ Translucent Skylight Panel	⑲ Aluminium Cladding 'Grey'
⑤ Profiled Metal Wall Cladding Dulux Alphatec 'Monument'	⑪ Precast Concrete Dado Panel Paint Finish 'Monument'	⑰ Kingspan Colorbond Highlight Panel 'Off White'	⑲ Steel Framed Awning - 'Galv. Finish'	
⑥ Profiled Metal Wall Cladding Dulux Alphatec 'White'	⑫ Precast Concrete Dado Panel Paint Finish 'White'	⑱ Terracade Facade System 'TN Smooth Simpson'	⑲ Tenant Signage	



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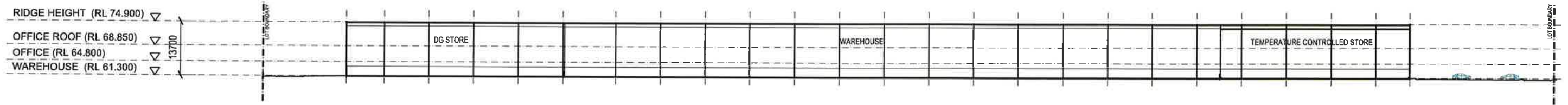
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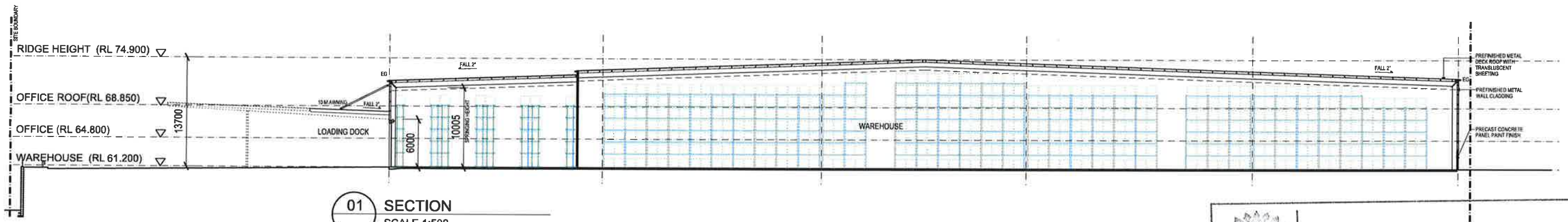
Sheet No. 8 of 28

Indicative External Finishes Legend

① Profiled Metal Wall Cladding Colorbond Basalt	⑦ Precast Concrete Dado Panel Paint Finish 'Basalt'	⑬ Aluminium Cladding 'Copper'	⑲ Aluminium Window Frames - Dark Grey (or sim.)	⑳ Goodman Sign
② Profiled Metal Wall Cladding Colorbond Shale Grey	⑧ Precast Concrete Dado Panel Paint Finish 'Shale Grey'	⑭ Aluminium Cladding 'Pommel Blue'	⑳ Profiled Metal Roofing - Light Grey	㉑ Colour Back Glass -
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02 SECTION
SCALE 1:1000



01 SECTION
SCALE 1:500

NSW GOVERNMENT
Planning

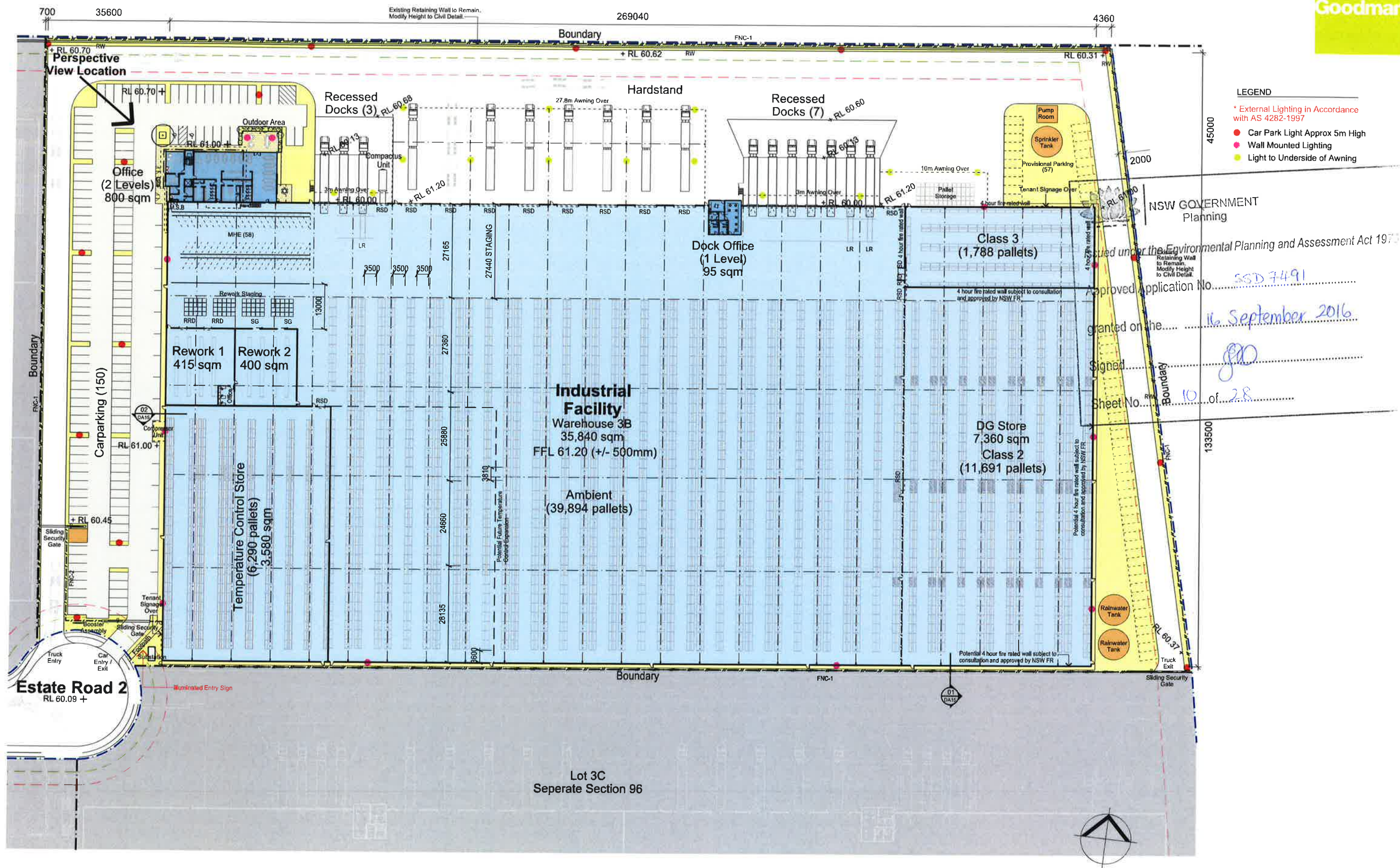
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OAKDALE CENTRAL - LOT 3B

DEVELOPMENT APPLICATION

CIVIL WORKS PACKAGE

DRAWING LIST

DWG No.	DRAWING TITLE
C400	COVER SHEET AND LOCALITY PLAN
C401	GENERAL NOTES
C402	TYPICAL SECTIONS
C410	GENERAL ARRANGEMENT PLAN
C411	SITWORKS AND STORMWATER DRAINAGE PLAN SHEET 1
C412	SITWORKS AND STORMWATER DRAINAGE PLAN SHEET 2
C413	SITWORKS AND STORMWATER DRAINAGE PLAN SHEET 3
C414	SITWORKS AND STORMWATER DRAINAGE PLAN SHEET 4
C420	SEDIMENTATION AND EROSION CONTROL PLAN
C421	SEDIMENTATION AND EROSION CONTROL DETAILS
C422	PAVEMENT PLAN
C425	SITWORK'S DETAILS
C426	STORMWATER DRAINAGE DETAILS

 **NSW GOVERNMENT**
Planning

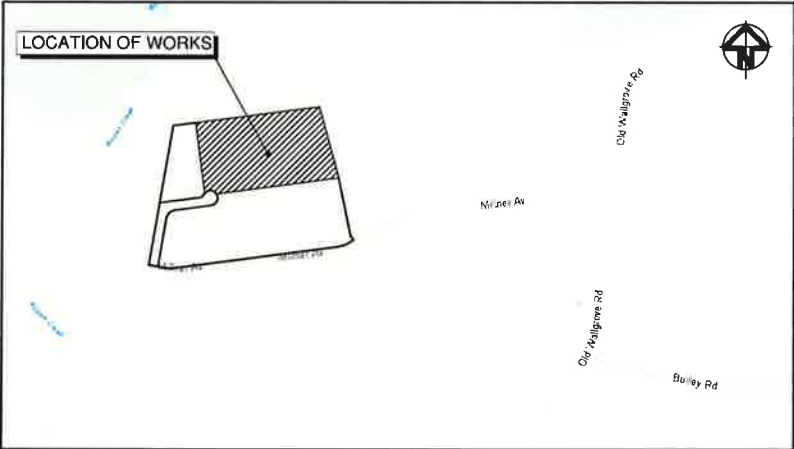
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LOCALITY PLAN
NTS

A	ISSUED FOR DEVELOPMENT APPLICATION	04-03-16
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Status
FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

Scales	NTS	Drawn FX	
		Designed FX	
Height Datum	AHD	Checked MM	
Grid	MGA	Approved	

File: C400.dwg

Client



Civil Engineers and Project Managers
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Level 7, 153 Walker Street
North Sydney NSW 2065
ABN 96 130 862 405
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Fax: 02 9923 1055
www.atl.net.au
info@atl.net.au

Project
**OAKDALE CENTRAL
INDUSTRIAL FACILITIES
LOT 3B**

Title
**COVER SHEET AND
LOCALITY PLAN**

Drawing No. C400	Project No. 13-143	Issue A
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KERBING NOTES

1. ALL CONCRETE TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 25 MPa UNO.
2. ALL KERBS, GUTTERS, DISH DRAINS AND CROSSINGS TO BE CONSTRUCTED ON 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 UNO FROM THE LIP OF GUTTER. UPON COMPLETION OF THE NEW KERB AND GUTTER NEW BASECOURSE AND SURFACE TO BE LAID 600mm WIDE UNO.

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

PROPOSED WORKS LEGEND

PROPOSED

- F62.25 FINISHED SURFACE LEVEL
- E70.15 EXISTING SURFACE LEVEL
- TW70.6 TOP OF WALL LEVEL
- ▼ BW70.6 BOTTOM OF WALL LEVEL
- 60.0 PROPOSED CONTOUR
- K&G KERB AND GUTTER
- IKO INTEGRAL KERB
- KO KERB ONLY
- A1 STORMWATER PIT, LINE & NUMBER
- EXISTING STORMWATER LINE
- FP SUBSOIL PIPE (100DIA AT MIN 0.5% FALL) WITH FLUSHING POINT AT MAX 30m CENTRES
- BATTER SLOPE
- RETAINING WALL
- GUARD FENCE
- FENCE LINE

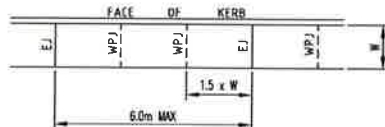
SITeworks NOTES

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 RMS SPECIFICATION R116
8. ALL BASECOURSE MATERIAL SHALL BE IGNEOUS ROCK QUARRIED MATERIAL TO COMPLY WITH R.T.A. FORM 3051 (UNBOUND), R.T.A. 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 50m² OF SUB-BASE COURSE MATERIAL PLACED.
9. ALL SUB-BASE COURSE MATERIAL SHALL BE IGNEOUS ROCK QUARRIED MATERIAL TO COMPLY WITH RMS FORM 3051, 3051.1 AND COMPACTED TO MINIMUM 95% MODIFIED DENSITY IN ACCORDANCE WITH AS 1289 5.2.1. FREQUENCY OF COMPACTION TESTING SHALL NOT BE LESS THAN 1 TEST PER 50m² 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 RMS 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 THIS SHALL BE CLEARLY INDICATED IN THEIR TENDER AND 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.

JOINTING NOTES

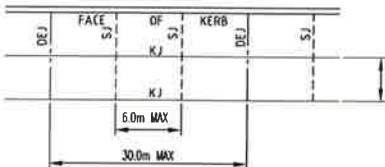
PEDESTRIAN PAVEMENT JOINTS

1. ALL PEDESTRIAN PAVEMENTS ARE TO BE JOINTED AS FOLLOWS (UNO)
2. EXPANSION JOINTS ARE TO BE LOCATED WHERE POSSIBLE AT TANGENT POINTS OF CURVES AND ELSEWHERE AT MAX. 6.0m CENTRES
3. WEAKENED PLANE JOINTS ARE TO BE LOCATED AT A MAX. SPACING OF 15 x WIDTH OF THE PAVEMENT
4. WHERE POSSIBLE JOINTS SHOULD BE LOCATED TO MATCH KERBING AND OR ADJACENT PAVEMENT JOINTS.
5. PEDESTRIAN PAVEMENT JOINT DETAIL



VEHICULAR PAVEMENT JOINTS

6. ALL VEHICULAR PAVEMENTS TO BE JOINTED AS FOLLOWS (UNO)
6. ALL VEHICULAR PAVEMENTS TO BE JOINTED AS SHOWN ON DRAWINGS.
7. KEYED CONSTRUCTION JOINTS SHOULD GENERALLY BE LOCATED AT A MAX OF 6.0m CENTRES
8. SAWN JOINTS SHOULD GENERALLY BE LOCATED AT A MAX OF 6.0m CENTRES WITH DOWELED EXPANSION JOINTS AT MAX 30.0m CENTRES
9. VEHICULAR PAVEMENT JOINT DETAIL



STORMWATER DRAINAGE NOTES

1. STORMWATER DESIGN CRITERIA:
(A) AVERAGE RECURRENCE INTERVAL:
1100 YEARS ROOFED AREAS TO SURCHARGE PIT
15 YEARS EXTERNAL PAVEMENTS
(B) RAINFALL INTENSITIES:
TIME OF CONCENTRATION: 5 MINUTES
1100 YEARS= 219 mm/hr
15 YEARS= 134 mm/hr
(C) RUNOFF COEFFICIENTS:
ROOF AREAS: $\frac{100}{15} = 10$
EXTERNAL PAVEMENTS: $\frac{15}{15} = 10$
2. PIPES 300 DIA. AND LARGER TO BE REINFORCED CONCRETE CLASS '2' APPROVED SPIGOT AND SOCKET WITH RUBBER RING JOINTS UNO.
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.
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 HSI SUPPORT IN ACCORDANCE WITH AS 3725 (1989) 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.

BULK EARTHWORKS NOTES

1. ORIGIN OF LEVELS: REFER SURVEY NOTES
2. STRIP ALL TOPSOIL/ORGANIC MATERIAL FROM CONSTRUCTION AREA AND REMOVE FROM SITE OR STOCK PILE AS DIRECTED BY SUPERINTENDENT.
3. EXCAVATED MATERIAL TO BE USED AS STRUCTURAL FILL PROVIDED THE PLACEMENT MOISTURE CONTENT OF THE MATERIAL IS +/- 2% OF THE OPTIMUM MOISTURE CONTENT.
4. COMPACT FILL AREAS AND SUBGRADE TO NOT LESS THAN
LOCATION STANDARD DRY DENSITY (AS 1289 5.1.1)
UNDER BUILDING SLABS 98%
ON GROUND 98%
UNDER ROADS AND CARPARKS 98%
LANDSCAPED AREAS UNLESS NOTED OTHERWISE 98%
5. FOR NON COHESIVE MATERIAL, COMPACT TO 75% DENSITY INDEX
6. BEFORE PLACING FILL, PROOF ROLL EXPOSED SUBGRADE WITH AN 8 TONNE (MINI DEADWEIGHT SMOOTH DRUM VIBRATORY ROLLER TO DETECT THEN REMOVE SOFT SPOTS (AREAS WITH MORE THAN 2mm MOVEMENT UNDER ROLLER).
7. FREQUENCY OF COMPACTION TESTING SHALL BE NOT LESS THAN :-
(A) 1 TEST PER 200m² OF FILL PLACED PER 300 LAYER OF FILL.
(B) 3 TESTS PER VISIT
(C) 1 TEST PER 1000m² OF EXPOSED SUBGRADE
TESTING SHALL BE "LEVEL 1" TESTING IN ACCORDANCE WITH AS 3798 (1996).
8. FILLING TO BE PLACED AND COMPACTED IN MAXIMUM 150mm LAYERS
9. NO FILLING SHALL TAKE PLACE TO EXPOSE SUBGRADE UNTIL THE AREA HAS BEEN PROOF ROLLED IN THE PRESENCE OF AT & L AND APPROVAL GIVEN IN WRITING THAT FILLING CAN PROCEED.

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 TYPED 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.T.A. 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: $\frac{17}{17} \text{ N } 20 \text{ 250}$
NOMINAL BAR SIZE IN mm: $\frac{17}{17} \text{ N } 20 \text{ 250}$
THE FIGURE FOLLOWING THE FABRIC SYMBOL SL IS THE REFERENCE NUMBER FOR FABRIC TO AS 1304.
- 8. FABRIC SHALL BE LAPPED IN ACCORDANCE WITH THE FOLLOWING DETAIL:
 $\frac{25}{25} \text{ MIN}$ LAP TWO WIRES

SURVEY NOTES

THE EXISTING SITE CONDITIONS SHOWN ON THE FOLLOWING DRAWINGS HAS BEEN COMPILED VIA WAE 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.

PRIOR TO THE COMMENCEMENT OF THE WORKS, THE CONTRACTOR IS TO CONFIRM THE ALIGNMENT AND LEVELS OF ALL EXISTING SERVICES AT ALL LOCATIONS WHERE THE PROPOSED SERVICES ARE TO CROSS, CONNECT TO, OR ARE LOCATED IN CLOSE PROXIMITY TO THE EXISTING SERVICES

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 SEDIMENT FENCE ALONG THE BOUNDARIES AS SHOWN ON PLAN. REFER DETAIL.
- (B) CONSTRUCT STABILISED CONSTRUCTION ENTRANCE TO LOCATION AS DETERMINED BY SUPERINTENDENT/ENGINEER. REFER DETAIL.
- (C) INSTALL SEDIMENT BASIN AS SHOWN ON PLAN
- (D) INSTALL SEDIMENT TRAPS AS SHOWN ON PLAN
- (E) 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 15 METRES OR HALF THE DISTANCE BETWEEN THE OUTER EDGE OF THE DRIP LINE AND THE TRUNK, WHICHEVER 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.



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granted on the..... 16 September 2016.....

Signed..... [Signature].....

Sheet No..... 12..... of..... 28.....

A	ISSUED FOR DEVELOPMENT APPLICATION	04-03-16
Issue	Description	Date

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Status: **FOR APPROVAL**
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A1

Scales	NTS	Drawn: FX	Designed: FX
Height Datum	AHD	Checked: MM	
Grid	MGA	Approved:	

File: C401.dwg

Client:

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Project: **OAKDALE CENTRAL INDUSTRIAL FACILITIES LOT 3B**

Title: **GENERAL NOTES**

Drawing No.	Project No.	Issue
C401	13-143	A



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Planning

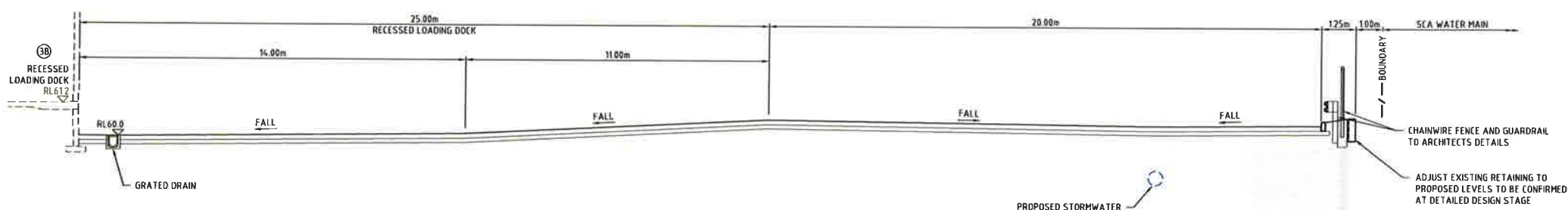
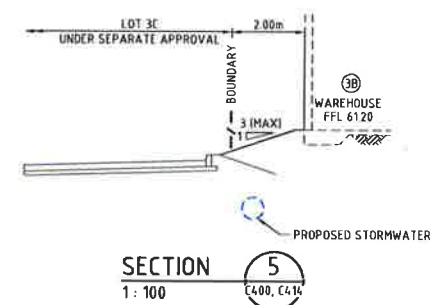
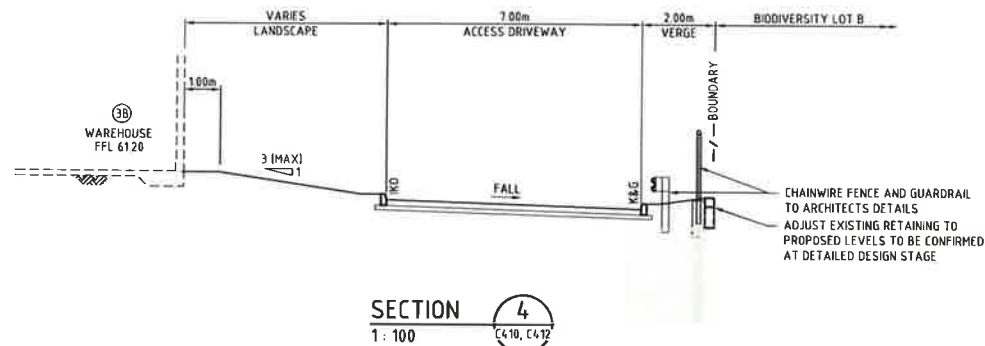
under the Environmental Planning and Assessment Act 1979

oved Application No. SSD 7491

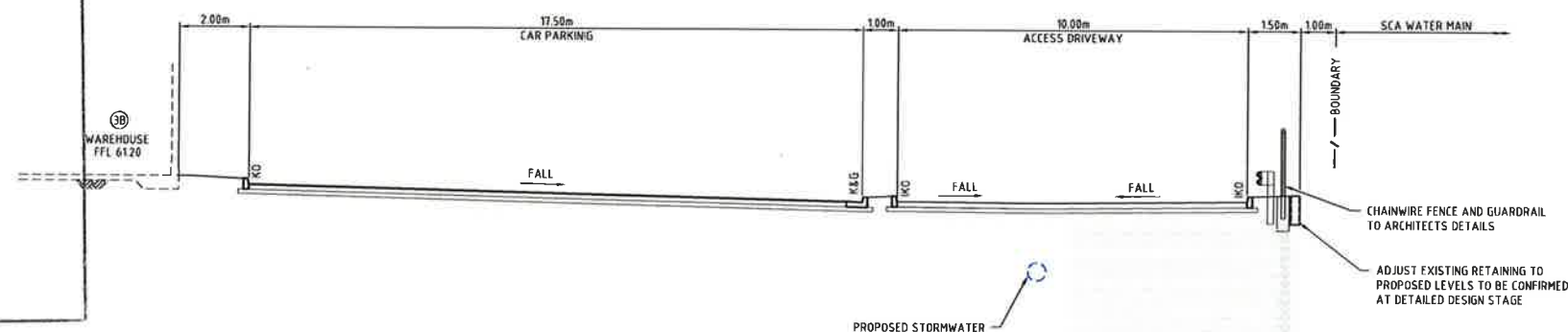
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ted PD

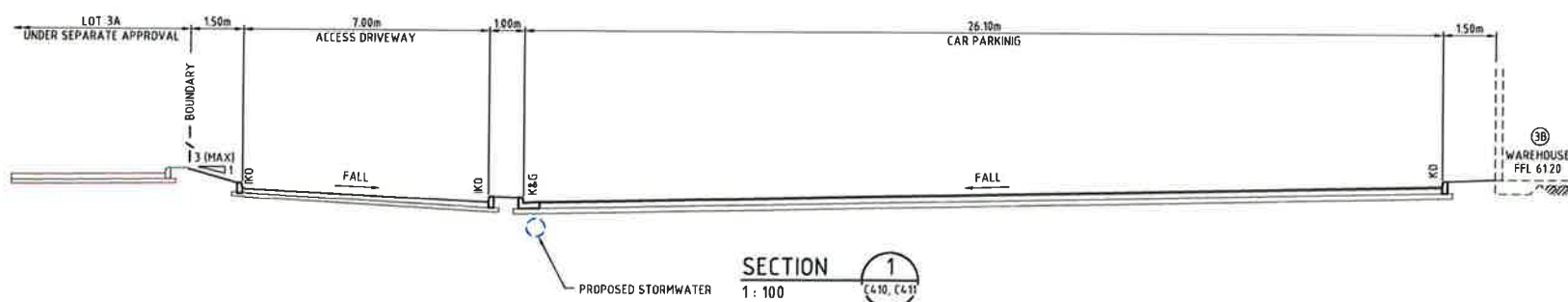
et No. 13 of 28



SECTION 3
1:100



SECTION 2
1:100



SECTION 1
1:100

0 2 4 6 8 10m
1:100 @ A1 1:200 @ A3

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Status FOR APPROVAL A1
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Scales 1:100 @ A1
Drawn FX
Designed FX
Height Datum AHD
Grid MGA
Checked MM
Approved

File: C402.dwg

Client
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Project
OAKDALE CENTRAL INDUSTRIAL FACILITIES LOT 3B

Title
TYPICAL SECTIONS

Drawing No. C402 Project No. 13-143 Issue A

Date Plotted: 8 Mar 2016 - 02:47PM File Name: F:\13-143 Oakdale - SSD Application\Drawings\Civil\Final\Lot 3B ONLY\C402.dwg



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Sheet No. 14 of 28

BIODIVERSITY LOT B

EXISTING BIODIVERSITY BASIN

EXISTING BIODIVERSITY BASIN

ESTATE ROAD No.2 (CL02)
(UNDER SEPARATE APPROVAL)

(3D)
(UNDER SEPARATE APPROVAL)

PROPOSED MILLNER AVENUE EXTENSION
(APPROVED FOR CONSTRUCTION DA76.1/2016)

WATER

MAIN

DWG. C411

DWG. C412

DWG. C413

DWG. C414

WAREHOUSE

(3B)

(2)
C402

(3)
C402

(4)
C402

(5)
C402

(3C)
(UNDER SEPARATE APPROVAL)

LOT 4

0 20 40 60 80 100m

1: 1000 @ A1 1: 2000 @ A3

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Height Datum	AHD	Checked MM	
Grid	MGA	Approved	

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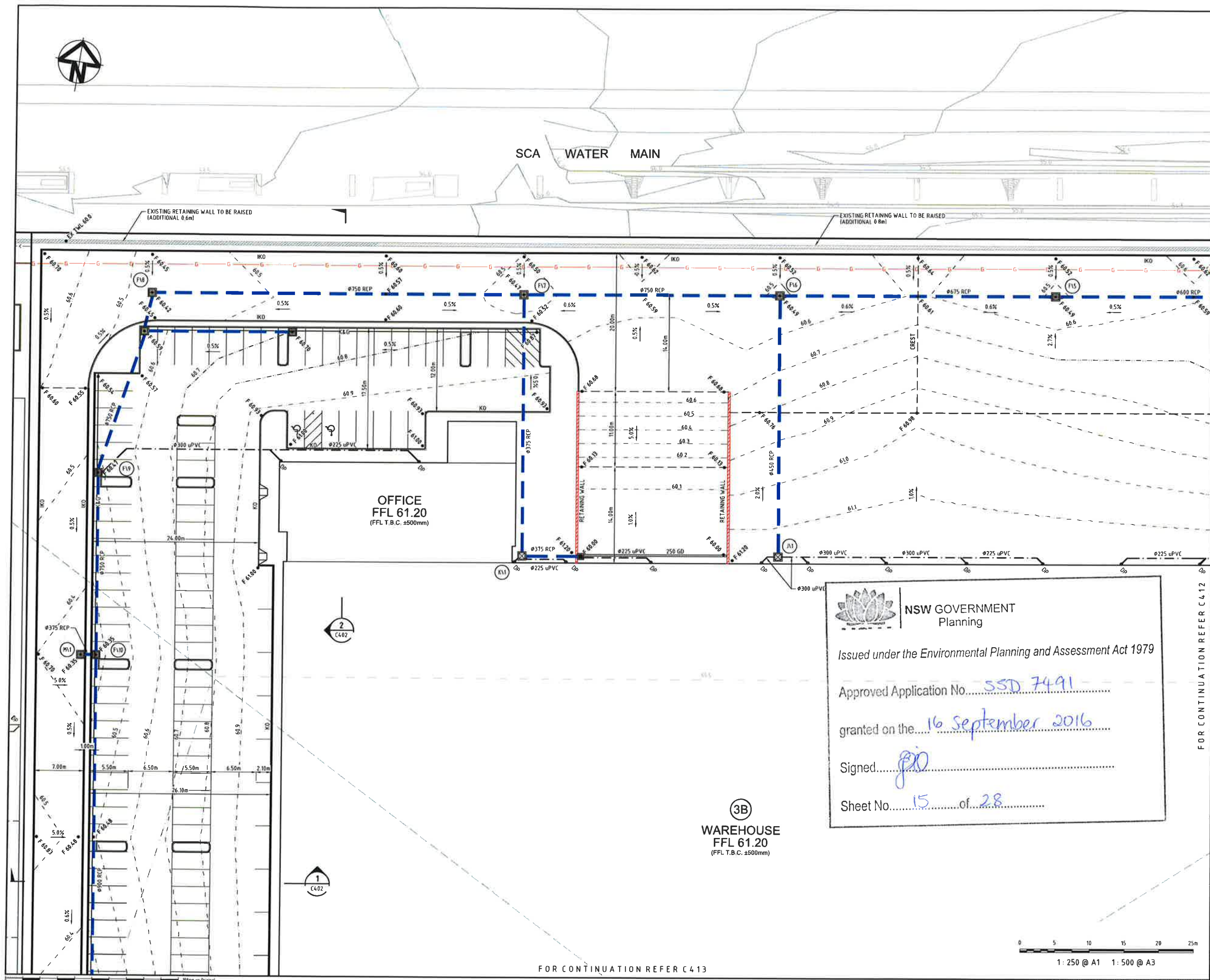


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Project **OAKDALE CENTRAL INDUSTRIAL FACILITIES LOT 3B**

Title **GENERAL ARRANGEMENT PLAN**

Drawing No. C410	Project No. 13-143	Issue A
----------------------------	------------------------------	-------------------



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Signed [Signature]

Sheet No. 15 of 28

(3B)
WAREHOUSE
FFL 61.20
(FFL T.B.C. ±500mm)

A	ISSUED FOR DEVELOPMENT APPLICATION	04-03-16
Issue	Description	Date

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Status	FOR APPROVAL	A1
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		Designed FX	
Height Datum	AHD	Checked MM	
Grid	MGA	Approved	

File: C411.dwg

Client:



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Project
**OAKDALE CENTRAL
INDUSTRIAL FACILITIES
LOT 3B**

Title
**SITWORKS AND
STORMWATER
DRAINAGE PLAN
SHEET 1**

Drawing No. C411	Project No. 13-143	Issue A
----------------------------	------------------------------	-------------------

0 5 10 15 20 25m
1:250 @ A1 1:500 @ A3

FOR CONTINUATION REFER C411



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Sheet No. 17 of 28

(3B)
WAREHOUSE
FFL 61.20
(FFL T.B.C. ±500mm)



FOR CONTINUATION REFER C414

Issue	Description	Date
A	ISSUED FOR DEVELOPMENT APPLICATION	04-03-16

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Status **FOR APPROVAL**
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Height Datum	AHD	Checked MM	
Grid	MGA	Approved	

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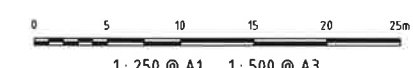


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Project
**OAKDALE CENTRAL
INDUSTRIAL FACILITIES
LOT 3B**

Title
**SITWORKS AND
STORMWATER
DRAINAGE PLAN
SHEET 3**

Drawing No. C413	Project No. 13-143	Issue A
----------------------------	------------------------------	-------------------





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Sheet No. 18 of 28

(3B)

WAREHOUSE
FFL 61.20
(FFL T.B.C. ±500mm)

3 (MAX)

BIO-DIVERSITY
LOT B

FIRE TANK
(T.B.C.)

MATCH PAVEMENT LEVELS
AND MAKE GOOD

5
C402

(3C)

WAREHOUSE
(UNDER SEPARATE APPROVAL)

A ISSUED FOR DEVELOPMENT APPLICATION 04-03-16

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Scales 1:250 @ A1

Height Datum AHD

Grid MGA

File: C414.dwg

Client

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Project **OAKDALE CENTRAL
INDUSTRIAL FACILITIES
LOT 3B**

Title **SITWORKS AND
STORMWATER
DRAINAGE PLAN
SHEET 4**

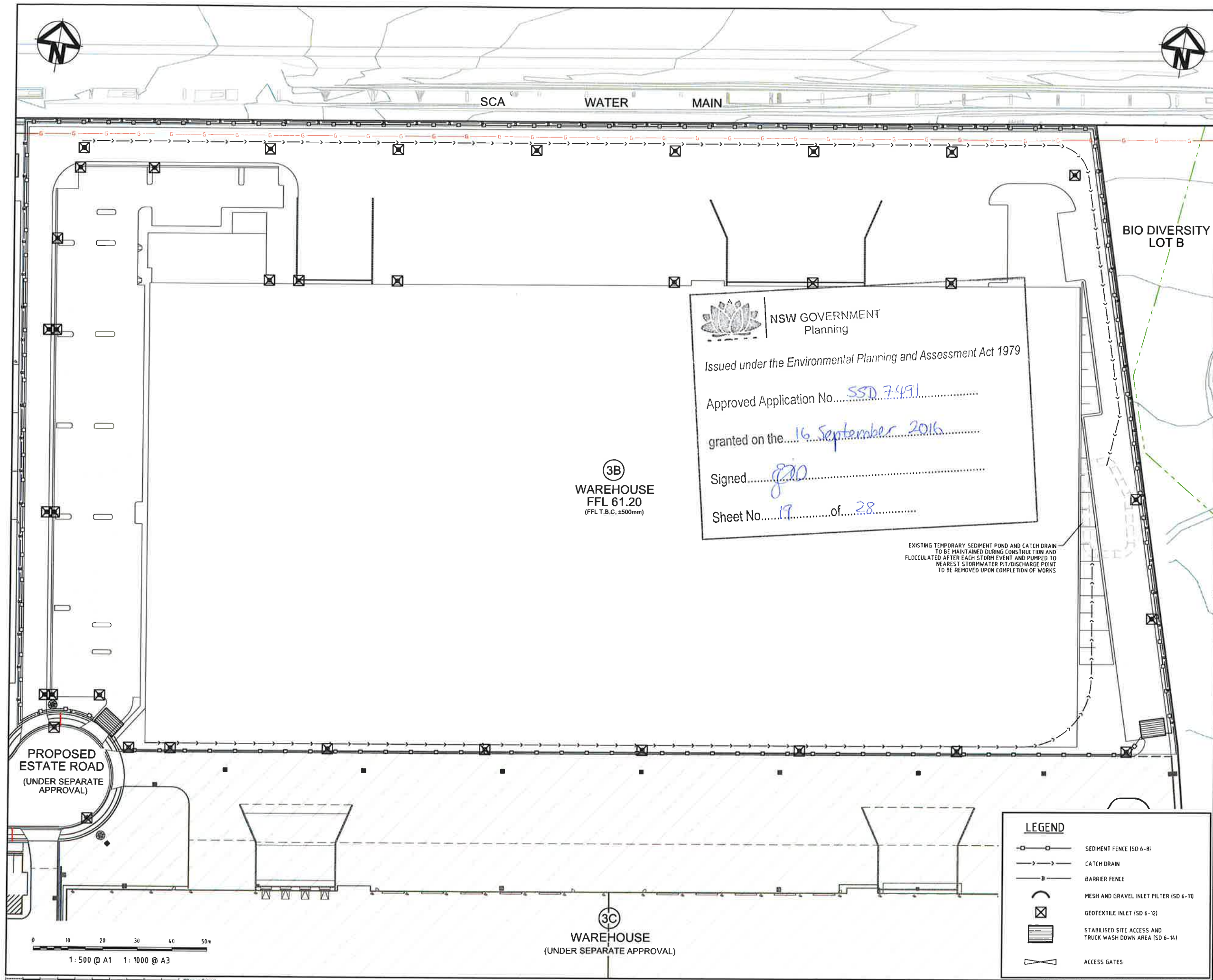
Drawing No. **C414**

Project No. **13-143**

Issue **A**

FOR CONTINUATION REFER C413

0 5 10 15 20 25m
1:250 @ A1 1:500 @ A3



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Sheet No. 19 of 28

(3B)
WAREHOUSE
FFL 61.20
(FFL T.B.C. ±500mm)

EXISTING TEMPORARY SEDIMENT POND AND CATCH DRAIN
TO BE MAINTAINED DURING CONSTRUCTION AND
FLOCCULATED AFTER EACH STORM EVENT AND PUMPED TO
NEAREST STORMWATER PIT/DISCHARGE POINT
TO BE REMOVED UPON COMPLETION OF WORKS

(3C)
WAREHOUSE
(UNDER SEPARATE APPROVAL)

- LEGEND**
- SEDIMENT FENCE (SD 6-8)
 - CATCH DRAIN
 - BARRIER FENCE
 - MESH AND GRAVEL INLET FILTER (SD 6-11)
 - GEOTEXTILE INLET (SD 6-12)
 - STABILISED SITE ACCESS AND TRUCK WASH DOWN AREA (SD 6-14)
 - ACCESS GATES

Issue	Description	Date
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Height Datum	AHD	Checked MM	Approved
Grid	MGA	Approved	

File: C420.dwg



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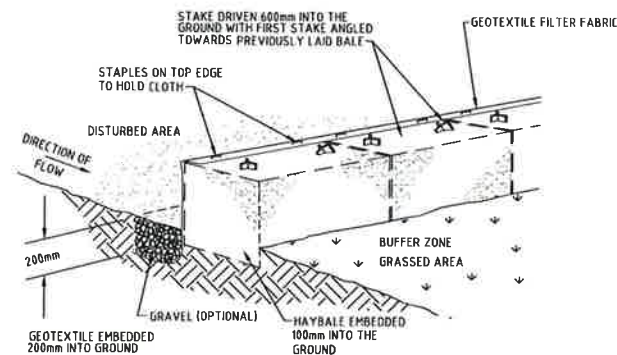
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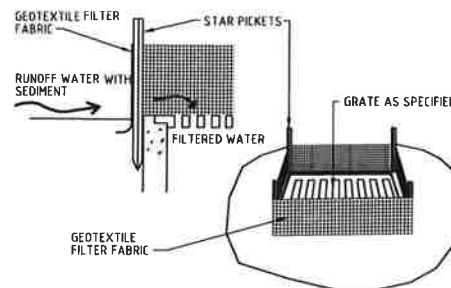
Project: **OAKDALE CENTRAL INDUSTRIAL FACILITIES LOT 3B**

Title: **SEDIMENTATION AND EROSION CONTROL PLAN**

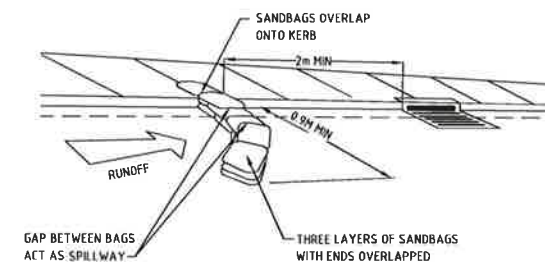
Drawing No.	Project No.	Issue
C420	13-143	A



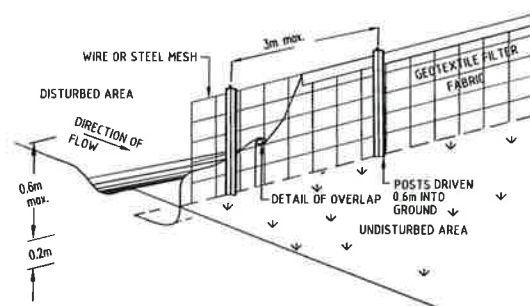
HAYBALE AND GEOTEXTILE SEDIMENT FILTER
NTS



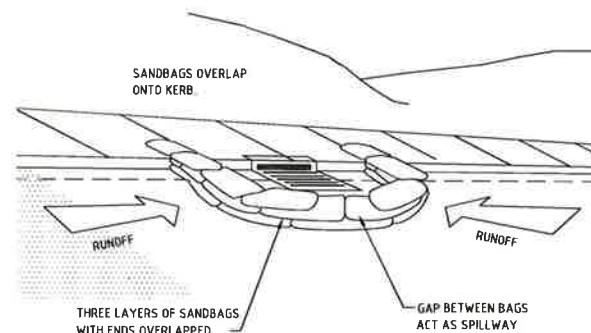
GEOTEXTILE FILTER PIT SURROUND
NTS



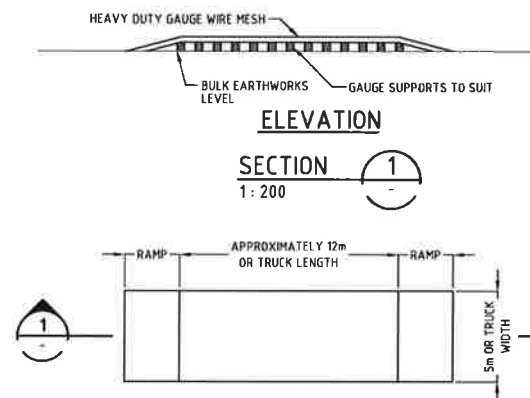
SANDBAG SEDIMENT TRAP FOR KERB INLET ON GRADE
NTS



SEDIMENT FENCE
NTS



SANDBAG SEDIMENT TRAP FOR KERB INLET AT LOWPOINT
NTS



TEMPORARY CONSTRUCTION EXIT
SCALE 1:200

THE EXIT SHALL BE MAINTAINED IN A CONDITION WHICH PREVENTS TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS OF WAY. THIS MAY REQUIRE REPAIR AND OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS OF WAY MUST BE REMOVED IMMEDIATELY.



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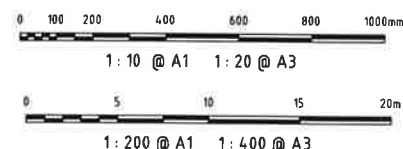
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Sheet No. 20 of 28



Issue	Description	Date
A	ISSUED FOR DEVELOPMENT APPLICATION	24-03-16

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Scale	AS SHOWN	Drawn FX	Designed FX
Height Datum	AHD	Checked MM	
Grid	MGA	Approved PK	

File: C421.dwg

Client



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Project
OAKDALE CENTRAL INDUSTRIAL FACILITIES LOT 3B

Title
SEDIMENTATION AND EROSION CONTROL DETAILS

Drawing No.	Project No.	Issue
C421	13-143	A



SCA WATER MAIN

BIO DIVERSITY LOT B

3B
WAREHOUSE
FFL 61.20
(FFL T.B.C. ±500mm)



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granted on the...16 September 2016

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Sheet No...21.....of...28.....

PROPOSED ESTATE ROAD
(UNDER SEPARATE APPROVAL)

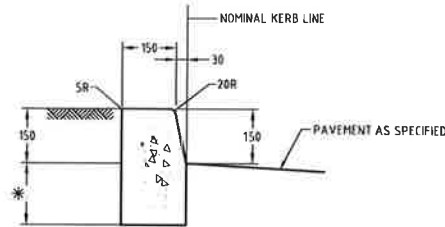
PAVEMENT LEGEND

- HEAVY DUTY RIGID PAVEMENT
- ASPHALT PAVEMENT
- VEHICULAR CROSSING PAVEMENT
- FOOTPATH PAVEMENT

1 : 500 @ A1 1 : 1000 @ A3

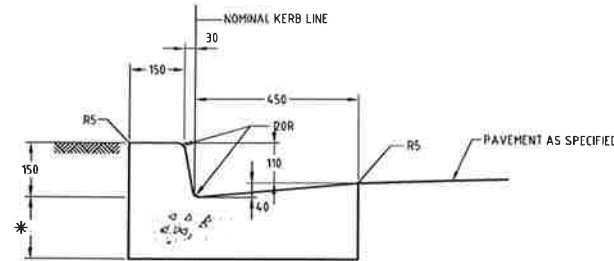
3C
WAREHOUSE
(UNDER SEPARATE APPROVAL)

A		ISSUED FOR DEVELOPMENT APPLICATION		04-03-16
Issue	Description	Date		
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Status	FOR APPROVAL			A1
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Scales	1 : 500 @ A1	Drawn FX	Designed FX	
Height Datum	AHD	Checked MM	Approved	
Grid	MGA			
File:	C422.dwg			
Client:				
Civil Engineers and Project Managers				
				
Level 7, 153 Walker Street North Sydney NSW 2065 ABN 96 130 882 405 Tel: 02 9439 1777 Fax: 02 9923 1055 www.atl.net.au info@atl.net.au				
Project				
OAKDALE CENTRAL INDUSTRIAL FACILITIES LOT 3B				
Title				
PAVEMENT PLAN				
Drawing No.	Project No.	Issue		
C422	13-143	A		



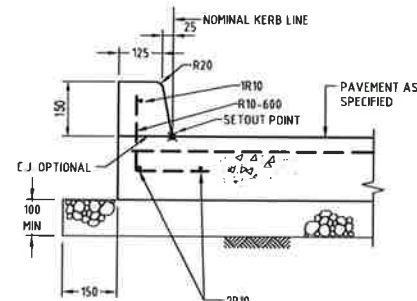
KERB ONLY (KO)
SCALE 1:10

* TO SUIT PAVEMENT DEPTH MIN. 150mm

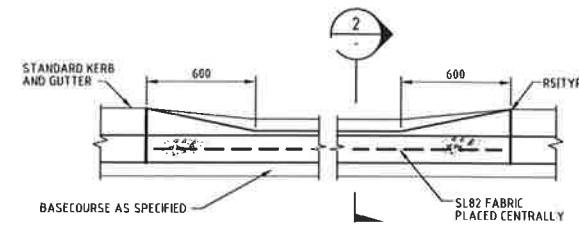


KERB AND GUTTER (K&G)
SCALE 1:10

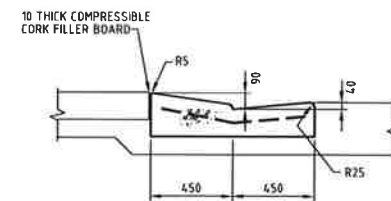
* TO SUIT PAVEMENT DEPTH MIN. 150mm



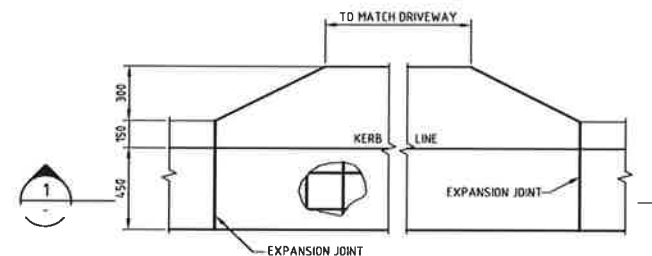
INTEGRAL KERB (IK)
SCALE 1:10



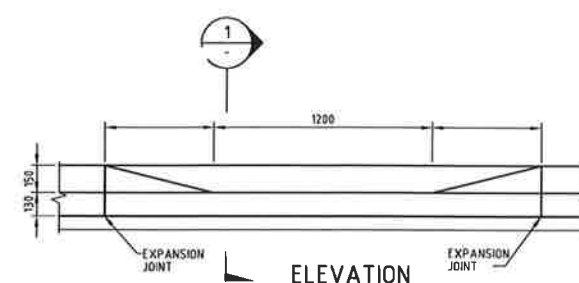
SECTION 1
1:20



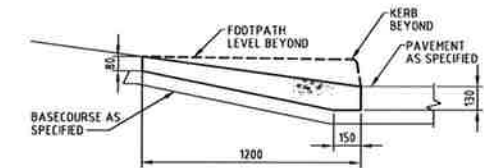
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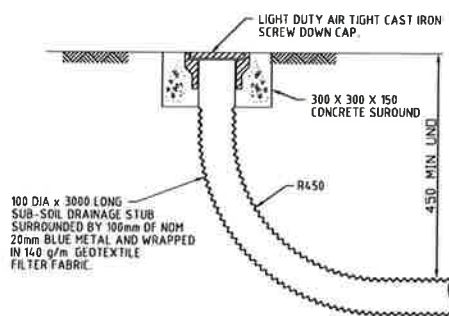
PLAN VEHICULAR CROSSING
SCALE 1:20



PLAN RAMPED CROSSING
SCALE 1:20

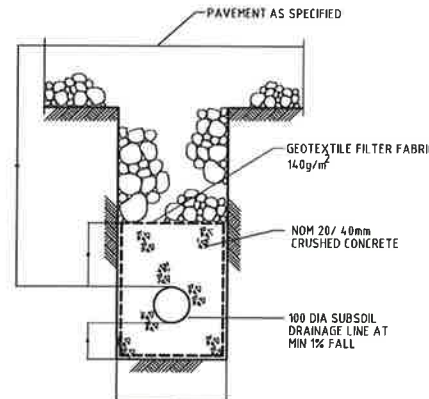


SECTION 1
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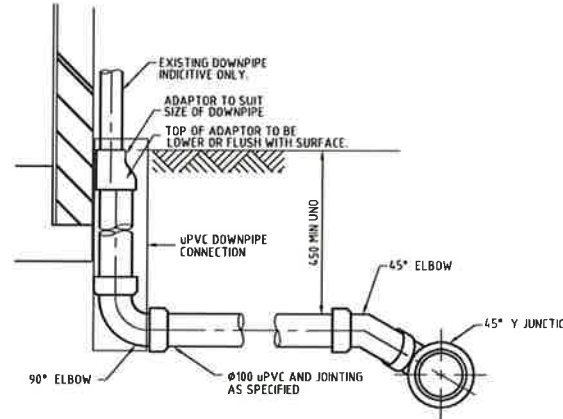


FLUSHING POINT
SCALE 1:10

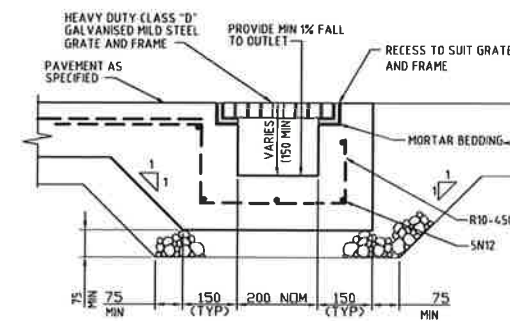
NOTE: SLOTTED RIGID PVC PIPE AND FITTINGS MAY BE USED



SUBSOIL IN PAVED AREAS
SCALE 1:10



PVC DOWNPIPE CONNECTION
SCALE 1:10



GRADED DRAIN (GD)
SCALE 1:10

NSW GOVERNMENT Planning

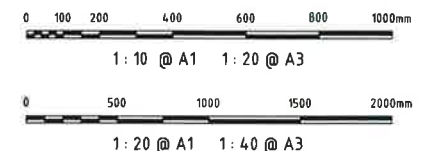
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Approved Application No. SSD 7491

granted on the 16 September 2016

Signed [Signature]

Sheet No. 22 of 28



A	ISSUED FOR DEVELOPMENT APPLICATION	04-03-16
Issue	Description	Date

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Status **FOR APPROVAL** A1
NOT TO BE USED FOR CONSTRUCTION

AS SHOWN	Drawn FX	Designed FX
AHD	Checked MM	Approved
MGA		

File: C425.dwg



Civil Engineers and Project Managers

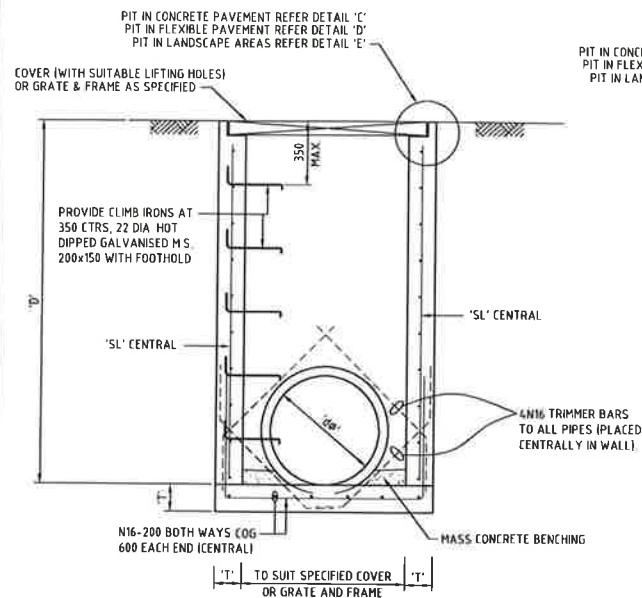
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Project **OAKDALE CENTRAL INDUSTRIAL FACILITIES LOT 3B**

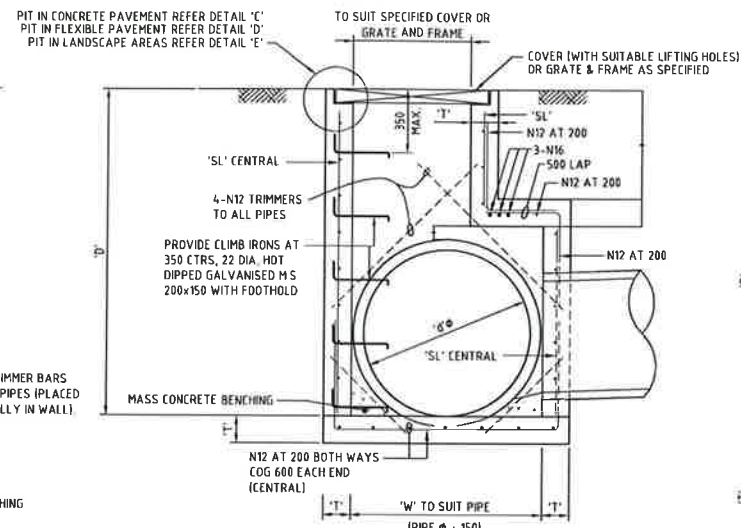
Title **SITWORK'S DETAILS**

Drawing No. C425	Project No. 13-143	Issue A
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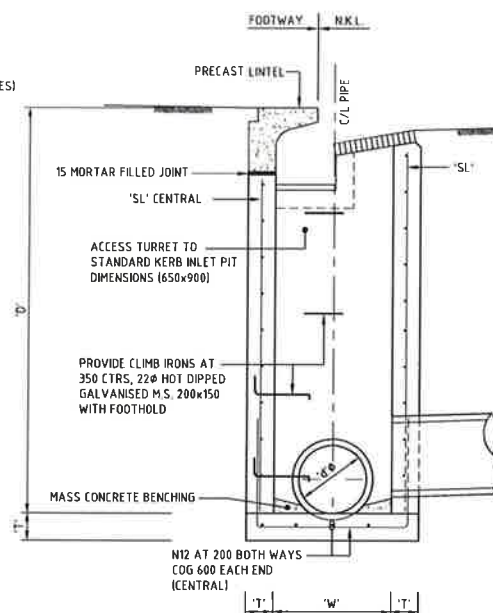
**PIT TYPE 'A' DETAIL
SURFACE INLET PIT
FOR PIPES UP TO 525Ø**
SCALE: 1:20

PIPE DIA. 'ØP'	WIDTH 'W'	DEPTH 'D'	WALL 'T'	FABRIC/COV 'SL'
375	650	800	150	SL72
	650	1200	150	SL72
	650	1600	150	SL72
	650	2000	150	SL72
450	650	800	150	SL72
	650	1200	150	SL72
	650	1600	150	SL72
	650	2000	150	SL72
525	650	800	150	SL72
	650	1200	150	SL72
	650	1600	150	SL72
	650	2000	150	SL72



**PIT TYPE 'B' DETAIL
SURFACE INLET PIT
FOR PIPES FROM 600Ø TO 1200Ø
(ENLARGED CHAMBER)**
SCALE: 1:20

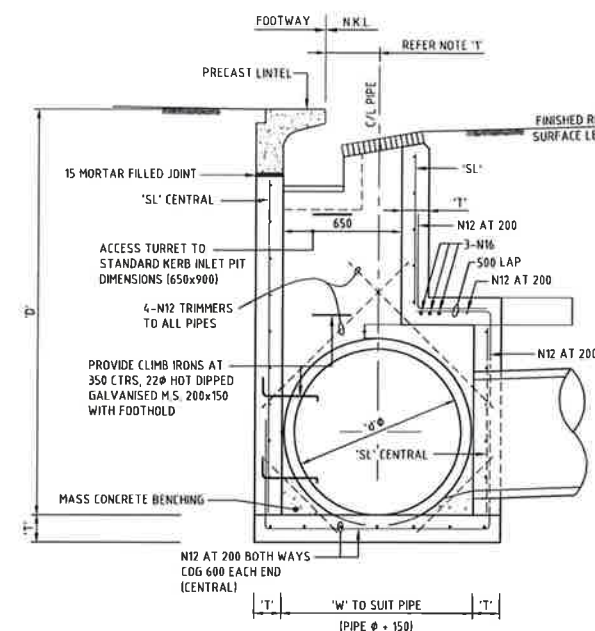
PIPE DIA. 'ØP'	WIDTH 'W'	DEPTH 'D'	WALL 'T'	FABRIC/COV 'SL'
600	850	1200	150	SL72
	850	1600	150	SL72
	850	2000	150	SL72
	850	2400	150	SL72
675	940	1200	150	SL72
	940	1600	150	SL72
	940	2000	150	SL72
	940	2400	150	SL72
750	1020	1200	150	SL72
	1020	1600	150	SL72
	1020	2000	150	SL72
	1020	2400	150	SL72
825	1100	1600	150	SL72
	1100	2000	150	SL72
	1100	2400	150	SL72
	1100	2800	150	SL72
900	1180	1600	150	SL72
	1180	2000	150	SL72
	1180	2400	150	SL72
	1180	2800	150	SL72
1050	1345	1600	150	SL92
	1345	2000	150	SL92
	1345	2400	150	SL92
	1345	2800	150	SL92
1200	1510	2000	150	SL102
	1510	2400	150	SL102
	1510	2800	150	SL102
	1510	3200	150	SL102



**PIT TYPE 'D' DETAIL
STANDARD GRATED KERB INLET PIT
FOR PIPES UP TO 525Ø**
SCALE: 1:20

PIPE DIA. 'ØP'	WIDTH 'W'	DEPTH 'D'	WALL 'T'	FABRIC/COV 'SL'
375	650	800	150	SL72
	650	1200	150	SL72
	650	1600	150	SL72
	650	2000	150	SL72
450	650	800	150	SL72
	650	1200	150	SL72
	650	1600	150	SL72
	650	2000	150	SL72
525	650	800	150	SL72
	650	1200	150	SL72
	650	1600	150	SL72
	650	2000	150	SL72

NOTE 1
150 FOR Ø600 DIA
180 FOR Ø675 DIA
220 FOR Ø750 DIA
255 FOR Ø825 DIA
295 FOR Ø900 DIA
370 FOR Ø1050 DIA
445 FOR Ø1200 DIA



**PIT TYPE 'E' DETAIL
STANDARD GRATED KERB INLET PIT
FOR PIPES FROM 600Ø TO 1200Ø
(ENLARGED CHAMBER)**
SCALE: 1:20

PIPE DIA. 'ØP'	WIDTH 'W'	DEPTH 'D'	WALL 'T'	FABRIC/COV 'SL'
600	850	1200	150	SL72
	850	1600	150	SL72
	850	2000	150	SL72
	850	2400	150	SL72
675	940	1200	150	SL72
	940	1600	150	SL72
	940	2000	150	SL72
	940	2400	150	SL72
750	1020	1200	150	SL72
	1020	1600	150	SL72
	1020	2000	150	SL72
	1020	2400	150	SL72
825	1100	1600	150	SL72
	1100	2000	150	SL72
	1100	2400	150	SL72
	1100	2800	150	SL72
900	1180	1600	150	SL72
	1180	2000	150	SL72
	1180	2400	150	SL72
	1180	2800	150	SL72
1050	1345	1600	150	SL92
	1345	2000	150	SL92
	1345	2400	150	SL92
	1345	2800	150	SL92
1200	1510	2000	150	SL102
	1510	2400	150	SL102
	1510	2800	150	SL102
	1510	3200	150	SL102

NOTE

- FOR PIT SIZE REFER TO TABLE (900 MIN LONG).
- ALL PIT ACCESS GRATES AND COVERS TO BE CLASS E.
- REINFORCING MESH IS TO BE BENT TO LAP 300 AROUND ALL CORNERS. VERTICAL BARS ARE NOT TO BE CUT. ALTERNATELY PROVIDE N12 'L' BARS (500x500) AT 400 VERTICAL CTS.
- COMPRESSIVE STRENGTH (F_{CD}) FOR CAST IN SITU CONCRETE SHALL BE A MINIMUM 32 MPa AT 28 DAYS.
- TOP OF BENCHING SHALL BE 1/2 OF OUTLET PIPE DIAMETER.
- 100mm SUBSOIL DRAINAGE PIPE 3000 LONG WRAPPED IN FABRIC SOCK TO BE PROVIDED ADJACENT TO INLET PIPES.
- ALL PITS SHALL BE PROVIDED WITH A LOCKING CLIP.
- PIT GRATE TO BE 'WELDLOK' GULLY GRATE GG 78-50 OR APPROVED EQUIVALENT.
- DURING INSTALLATION OF GRATE AND FRAME CONTRACTOR TO ENSURE CLEARANCE BETWEEN LINTEL AND OPENED GRATE (REFER TO INSTALLATION TOLERANCE).
- PROVIDE STEP IRONS AS INDICATED FOR PITS DEEPER THAN 2000.
- N12 AT 200 CENTRAL MAY BE USED IN LIEU OF MESH LAP 500 AT CORNERS.
- 2 ADDITIONAL N14 TRIMMER BARS AT ALL 4 CORNERS OF PAVEMENT SURROUNDING PIT.
- CONCRETE STRENGTH - UNLESS NOTED OTHERWISE.

ELEMENT	F _{CD} MPa (28 DAYS)	SUMP	MAX AGG SIZE	CEMENT TYPE
PITS	32	80mm	20mm	GR

ELEMENT	INTERIOR	EXTERIOR
PITS		
SLAB TOP	45mm	45mm
SLAB BOTTOM	45mm	45mm
BEAM TOP		
BEAM BOTTOM		
BEAM SIDE		
COLUMNS		



NSW GOVERNMENT
Planning

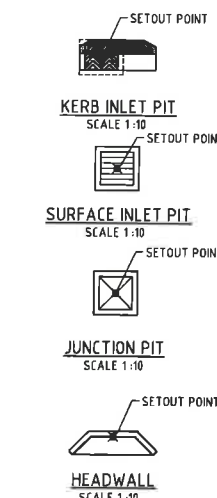
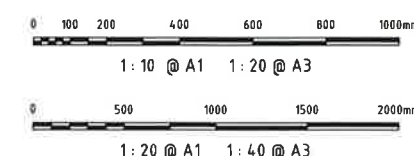
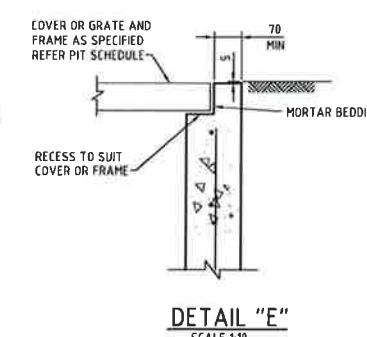
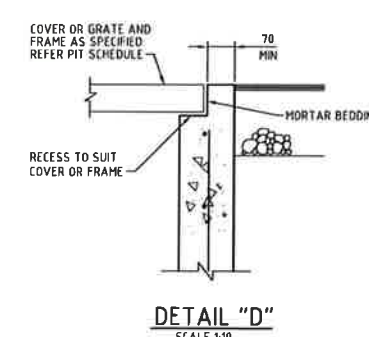
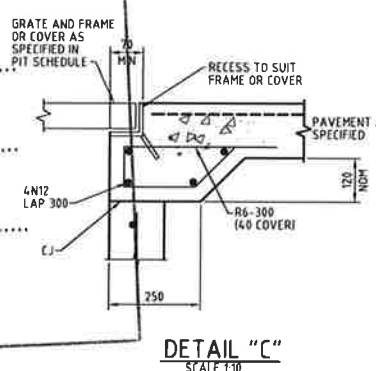
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Approved Application No. **SSD 7491**

granted on the **16 September 2016**

Signed **[Signature]**

Sheet No. **23** of **28**



**STORMWATER PIT
SETOUT POINTS**

Issue	Description	Date
A	ISSUED FOR DEVELOPMENT APPLICATION	04-03-16

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Status **FOR APPROVAL**
NOT TO BE USED FOR CONSTRUCTION **A1**

Scalors	AS SHOWN	Drawn FX	Designed FX
Height Datum	AHD	Checked MM	
Grid	MGA	Approved	

File: C426.dwg



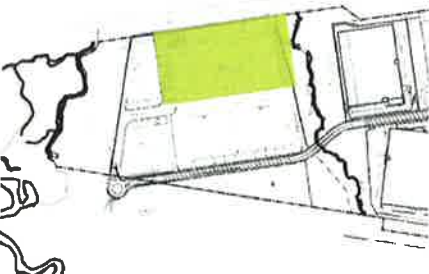
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Project **OAKDALE CENTRAL
INDUSTRIAL FACILITIES
LOT 3B**

Title **DRAINAGE DETAILS**

Drawing No. **C426** Project No. **13-143** Issue **A**

Landscape Plan



This plan shows sites 3B in the context of 3A, 3C & 3D the western most precinct within Oakdale Central. This precinct is situated between the Biodiversity lots B & C. Landscaping will be provided to the estate road boundary as well as buffer planting along the north, south and western boundaries.



Massed grasses



Massed grasses with groups of trees



Front Entry Treatment



SITE IMAGE

Lot 3B Oakdale Central | Landscape SSDA

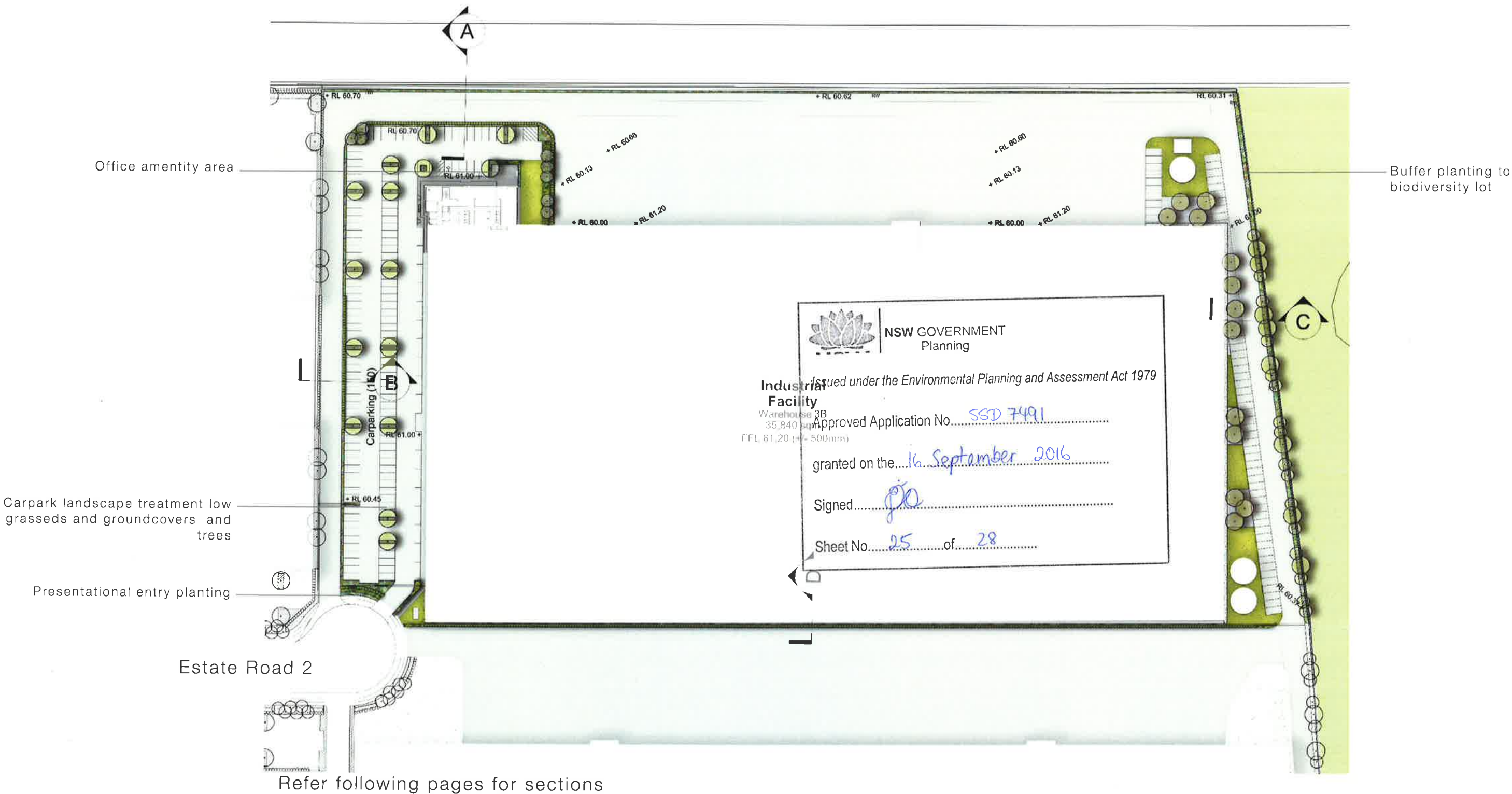


Client
Architect
Site Image Job Number

Goodman
SBA Architects
SS13-2656

Drawing Number 002
Issue B
Date 21.03.2016

Lot 3B -
Landscape Plan



SITE IMAGE

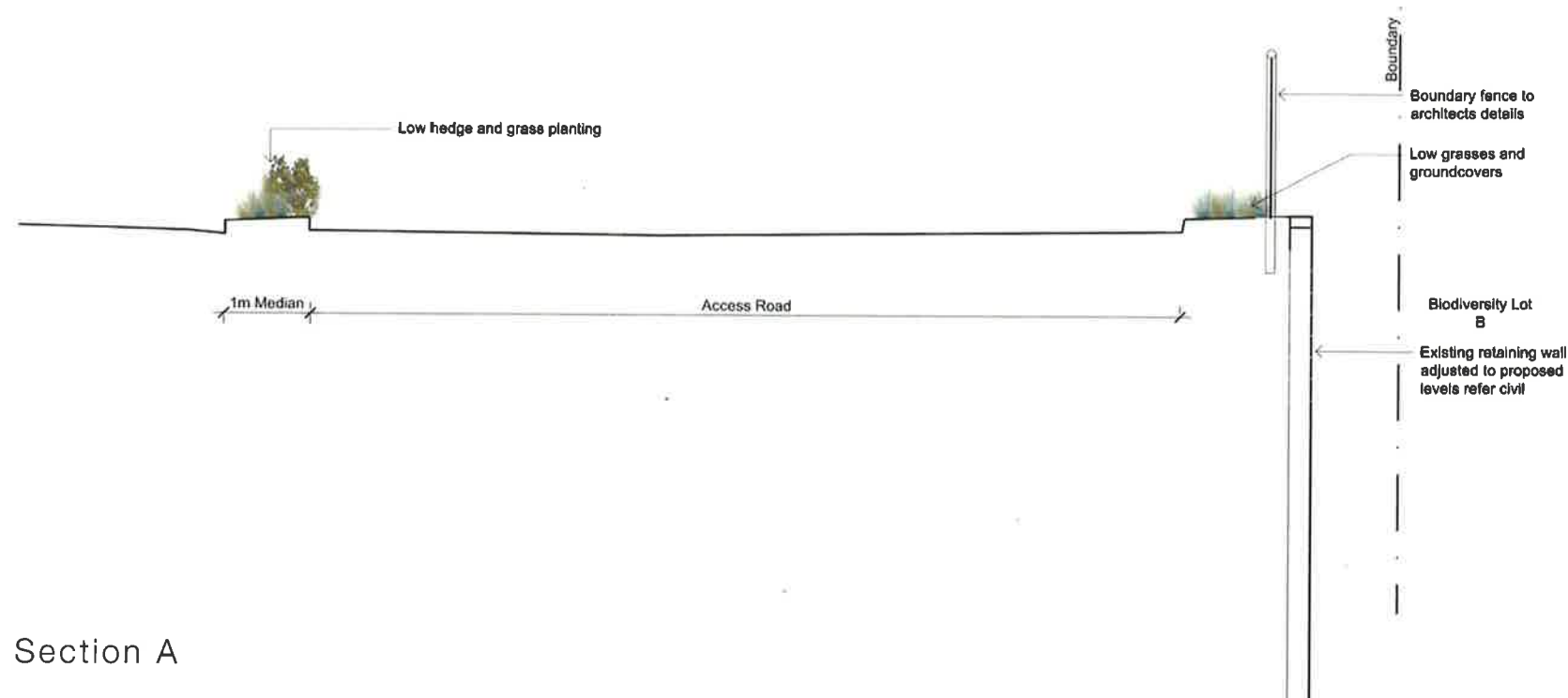
Lot 3B Oakdale Central | Landscape SSDA



Client
Architect
Site Image Job Number

Goodman
SBA Architects
SS13-2656

Drawing Number 003
Issue B
Date 21.03.2016



Section A



Section B

 **NSW GOVERNMENT**
Planning

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Approved Application No. SSD 7491

granted on the 16 September 2016

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Sheet No. 26 of 28



SITE IMAGE

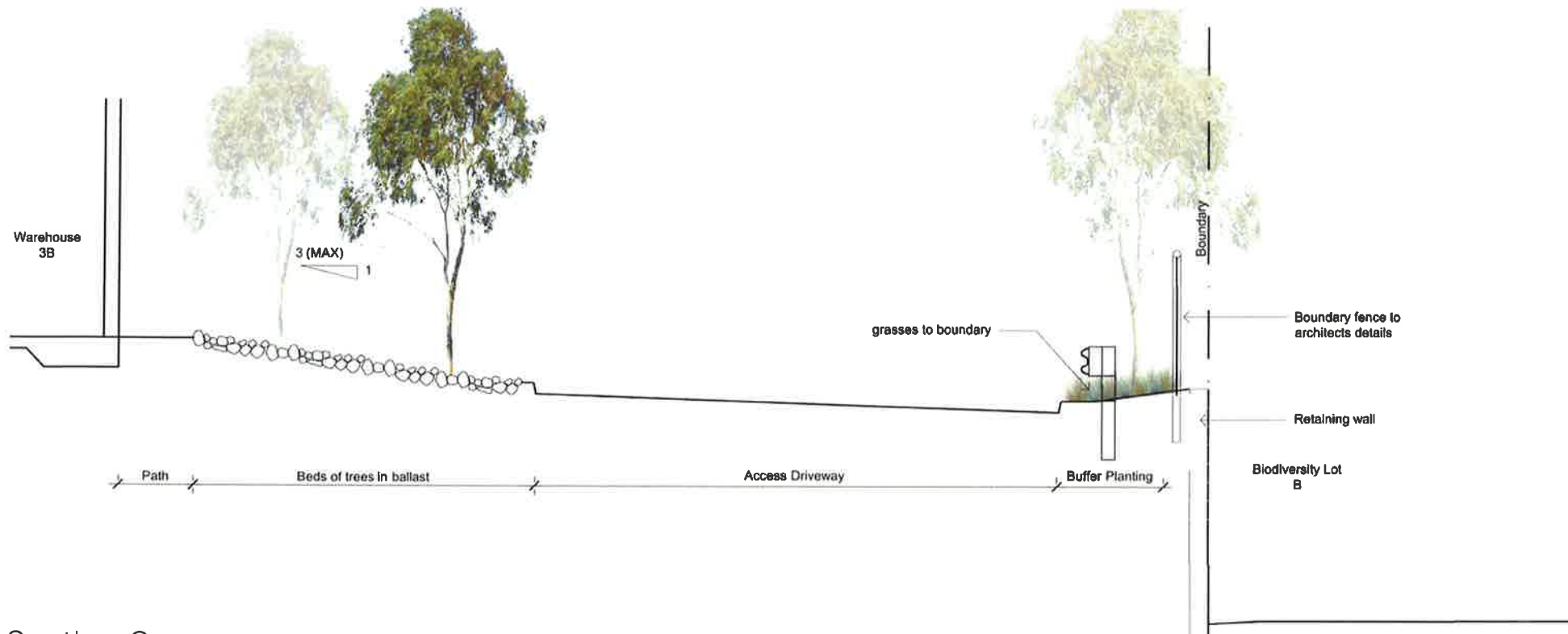
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Client
Architect
Site image Job Number

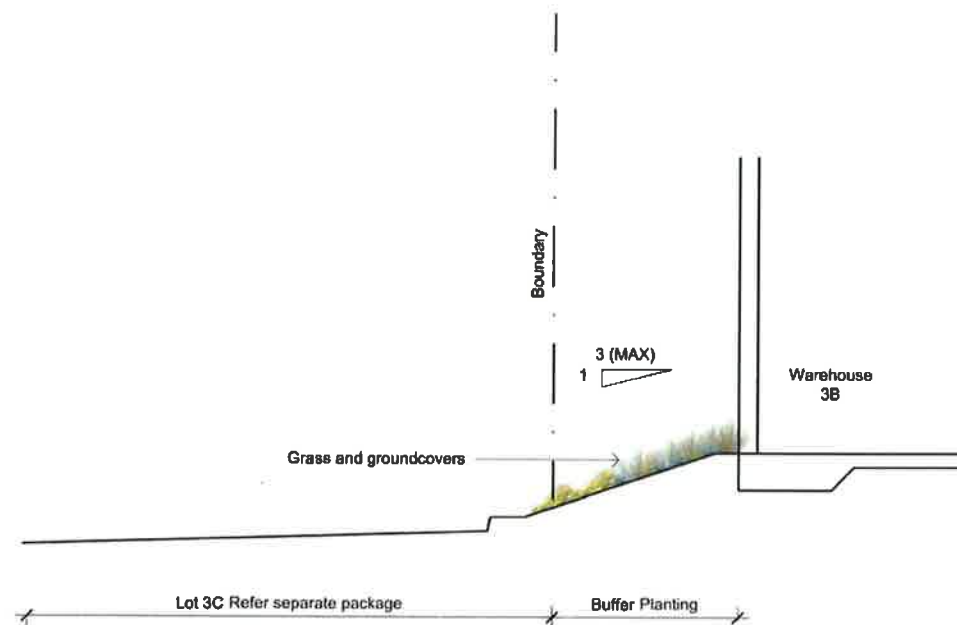
Goodman
SBA Architects
SS13-2656

Drawing Number
Issue
Date

004
B
21.03.2016



Section C



Section D

	NSW GOVERNMENT Planning
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Approved Application No. <u>SSD 7491</u>	
granted on the <u>16 September 2016</u>	
Signed <u>[Signature]</u>	
Sheet No. <u>27</u> of <u>28</u>	



SITE IMAGE

Lot 3B Oakdale Central | Landscape SSDA

Client	Goodman	Drawing Number	005
Architect	SBA Architects	Issue	B
Site Image Job Number	SS13-2656	Date	21.03.2016

Planting Design

Planting design is a specific response to the design requirements for the building surrounds, but also provides some performance outcomes in terms of general presentation and character.

The intention is that all buildings, where possible, be provided a comprehensive landscape setting that integrates with the public domain. The design demonstrates linkage and continuity with tree planting themes and groupings of mass planted shrub and groundcover planting areas, swathes of native grasses and accent planting.

The indicative species below have been selected for hardiness, ease of maintenance and proven ability in the area and taking into consideration indigenous species, the Cumberland Plain Woodland and other ecological habitats and communities.

The large scale of the open space areas requires an appropriate large scale response to broad groupings of densely planted gardens that generally give an impact as a single mass of sculpted foliage. The canopy of trees across the site is to have strong groupings and lines to reinforce the continuity of character.

Indicative Planting Schedule

Botanical Name	Common Name	Mature Height (m.)	Mature Spread (m.)	Pot Size
Trees				
Angophora floribunda	Rough-barked Apple	20	8	75L
Corymbia maculata	Spotted Gum	15	7	75L
Cupaniopsis anacardioides	Tuckeroo	7	5	75L
Eucalyptus amplifolia	Cabbage Gum	25	8	75L
Eucalyptus crebra	Narrow Leaved Ironbark	15	6	25L
Eucalyptus moluccana	Grey Box	20	8	25L
Eucalyptus tereticornis	Forest Red Gum	30	10	75L
Pyrus calleryana	Callery Pear	11	7	75L
Tristaniopsis laurina 'Luscious'	Water Gum	9	8	75L
Melaleuca decora	White Feather Honey-myrtle	7	3	25L
Melaleuca nodosa	Ball Honey-myrtle	4	2.5	25L
Melaleuca styphelioides	Prickly Leaved Paperbark			75L
Shrubs				
Acacia falcata	Sickle Wattle	4	2	300mm
Acmena smithii Var Minor	Lilly Pilly	3	1.5	300mm
Callistemon 'Endeavour'	Bottlebrush	3	3	300mm
Kunzea ambigua	Tick Bush	2.5	2.5	300mm
Nandina domestica 'Gulf Stream'	Gulf Stream Heavenly Bamboo	.8	.8	300mm
Pittosporum 'Miss Muffet'	Dwarf Pittosporum	1	1.5	300mm
Viburnum odoratissimum	Sweet Viburnum	5	3.5	300mm
Westringia glabra	Violet Westringia	1	1	300mm
Accent Species				
Doryanthus excelsa	Gymea	2	2	300mm
Phormium tenax 'Purpurea'	Purple NZ Flax	1.5	1	300mm
Groundcovers and Grasses				
Dianella caerulea 'Breeze'	Blue Flax Lily	0.4	0.4	150mm
Gazania tomentosa	Silver Leaf Gazania	.15	2	150mm
Hardenbergia violacea	Happy Wanderer Native Sarsparilla	2.5	2.5	150mm
Hibbertia scandens	Snake Vine	0.2	2	150mm
Lomandra longifolia	Mat Rush	1	0.6	150mm
Lomandra longifolia 'Tanika'	Matt Rush Grass	0.7	0.6	150mm
Myoporum parvifolium	Creeping Boobialla	0.2	1.5	150mm
Pennisetum alopecuroides	Swamp Foxtail	0.8	0.5	150mm
Poa labillardieri	Tussock Grass	0.8	0.5	150mm
Themeda australis	Kangaroo Grass	0.8	0.3	150mm
Trachelospermum jasminoides	Star Jasmine	0.2	0.5	150mm



Corymbia maculata



Eucalyptus crebra



Tristaniopsis laurina 'Luscious'



Doryanthus excelsa



Cupaniopsis anacardioides



Pyrus calleryana



Myoporum parvifolium



Nandina domestica 'Gulf Stream'



Dianella caerulea 'Breeze'



Phormium tenax 'Purpurea'



Pennisetum alopecuroides



Westringia fruticosa



Gazania tomentosa



SITE IMAGE

Lot 3B Oakdale Central | Landscape SSDA

Client
Architect
Site Image Job Number

Goodman
SBA Architects
SS13-2656

Drawing Number 006
Issue B
Date 21.03.2016