

<b>PROJECT:</b>	<b>BUNNINGS WAREHOUSE, PENRITH</b>	
<b>RAINFALL DATA:</b>	<b>RICHMOND RAAF FROM 1984 TO 1993</b>	
<b>DESIGNER</b>	<b>WW</b>	
<b>DATE:</b>	<b>11-Mar-15</b>	
ROOF AREA (Ha)	0.18	<b>SUMMARY RESULTS</b>
NON-ROOF AREA (Ha)	0	
FRACTION IMPERVIOUS	0	
PERVIOUS LOSS COEFF	0	
Max Tank/pond Capacity (m3)	100	Average Annual Rainfall (mm)
Average Surface Area (m2)	0	880
Pond base area (m2)	0	Total No. Days: 3653
Average Infiltration rate (mm/hr)	0	Total # days with empty tank: 307
Porosity of soil (%)	0%	Percentage: 8.4%
Total # days with overflow/full tank: 368		Percentage: 10.1%
<b>Usage:</b>		Total Annual Runoff Collected (KL) 1584
Total Number of occupants	30	Average Annual Rainwater Usage (KL) 655
Toilet Flushing (l/d/person)	30	% Reuse 41.3%
Laundry (l/d/person)	0	Total Average Annual Water Demand (KL) 728
Other usage (l/d/person)	0	Average Annual Portable Water Required (KL) 74
<b>Total Domestic Usage (m3/d)</b>	0.90	Portable Water Usage (%) 10.2%
Irrigation Area (m2)	940	
Max Irrigation Rate (mm/day)	1.5	
No irrigation if rainfall > (mm)	1	
<b>Max Irrigation Usage (m3/d)</b>	1.41	
<b>Daily Infiltration (m3)</b>	0.00	
% Irrigation water re-collected	0	



DATE	REV	PLANNING ISSUE	BY	DATE	REV	AMENDMENT	BY
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**PLANNING ISSUE**

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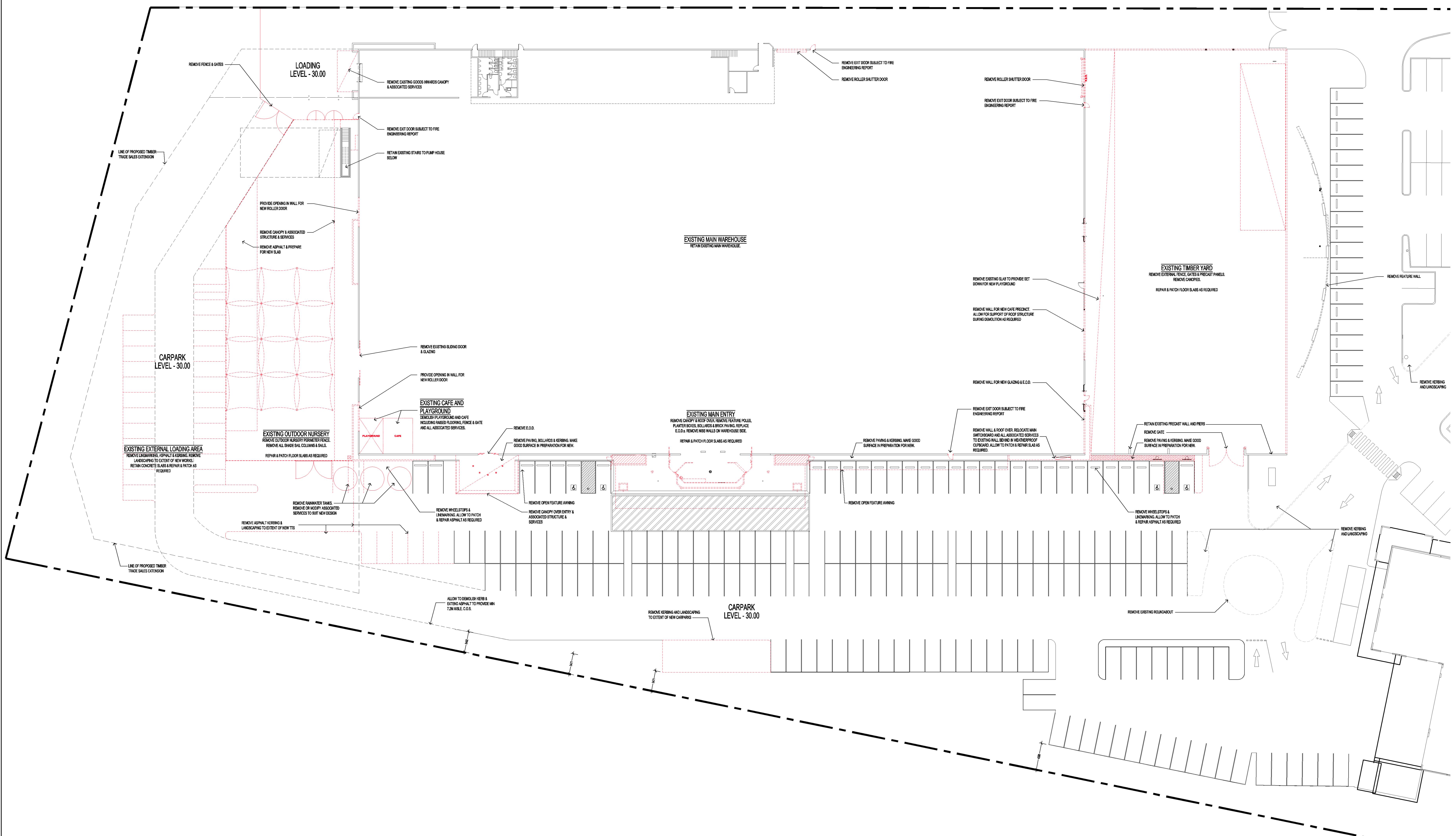
107 York Street, South Melbourne VIC 3205  
Ph 03 9645 6000 Fax 03 9699 4500  
Email [info@michaelcarr.com.au](mailto:info@michaelcarr.com.au)

**Michael Carr Architect Pty Ltd**  
107 York Street, South Melbourne VIC 3205  
Ph 03 9645 6000 Fax 03 9699 4500  
Email [info@michaelcarr.com.au](mailto:info@michaelcarr.com.au)

**BUNNINGS Warehouse**  
301-335 MULGOA ROAD  
JAMISONTOWN NSW 2750

**FOR TOWN PLANNING PURPOSES ONLY**  
PROJECT: BUNNINGS WAREHOUSE PENRITH  
DRAWING TITLE: OVERALL SITE PLAN  
DRAWN: CG  
CHECKED: TP-01  
SCALE: AS SHOWN @ A3  
DATE: FEBRUARY 2015  
PROJECT No.: 13054





EXISTING & DEMOLITION: SITE PLAN  
SCALE 1:250

22.2.15	P1	PRELIMINARY ISSUE	22.2.15	P2	PRELIMINARY ISSUE	22.2.15	P3	PRELIMINARY ISSUE	22.2.15	P4	PRELIMINARY ISSUE	22.2.15	P5	PRELIMINARY ISSUE
DATE	REV	AMENDMENT												
BY	BY	BY												

PLANNING ISSUE

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Michael Carr Architect Pty. Ltd.  
88 Tope Street, South Melbourne 3205  
Ph 03 9645 5935 Fax 03 9666 4264  
Email: [mcarchitects.com.au](mailto:mcarchitects.com.au)

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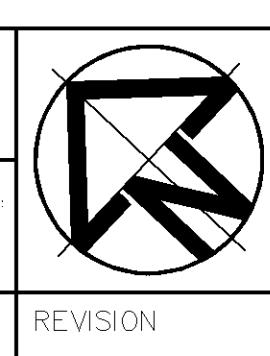
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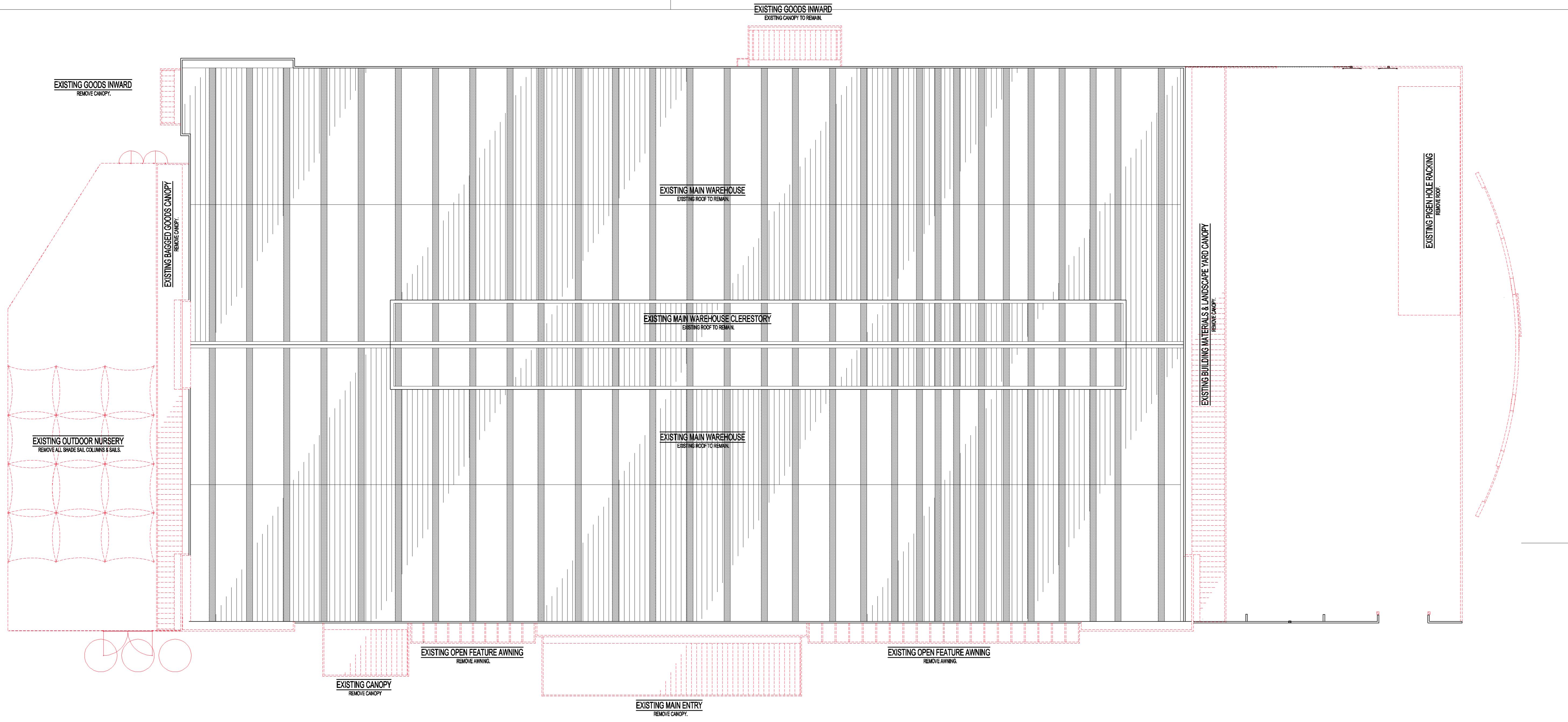
PROJECT  
BUNNINGS WAREHOUSE PENRITH  
301-335 MULGOA ROAD  
JAMISONTOWN NSW 2750

DRAWING TITLE  
EXISTING/DEMOLITION PLAN

SCALE	AS SHOWN @ A0	PROJECT No.
1:250	FEBRUARY 2015	13054
FILE	VERIFICATION	THIS DRAWING HAS BEEN REVIEWED & VERIFIED BY
DESIGNED		
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TP-02		P3

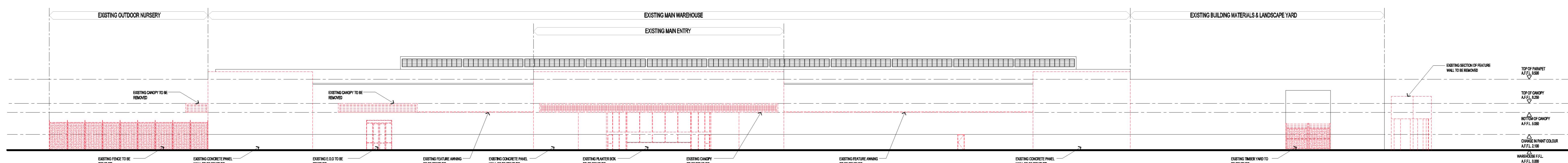




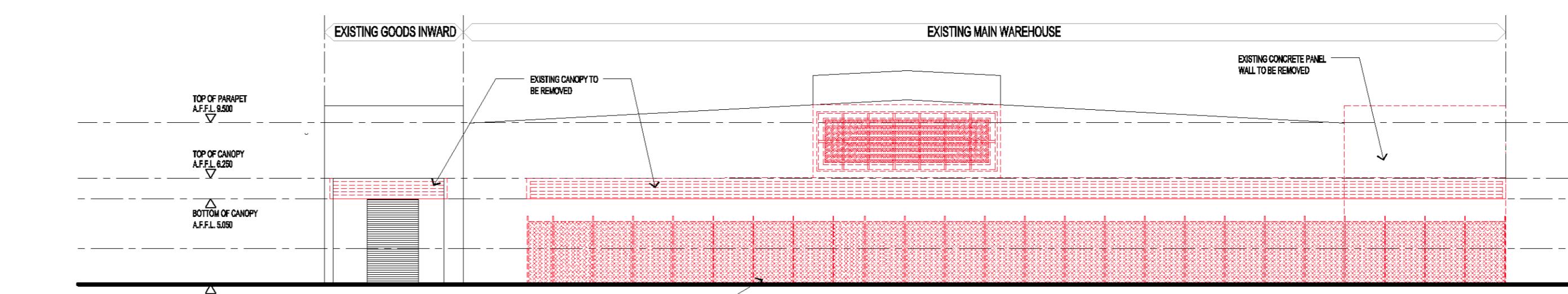
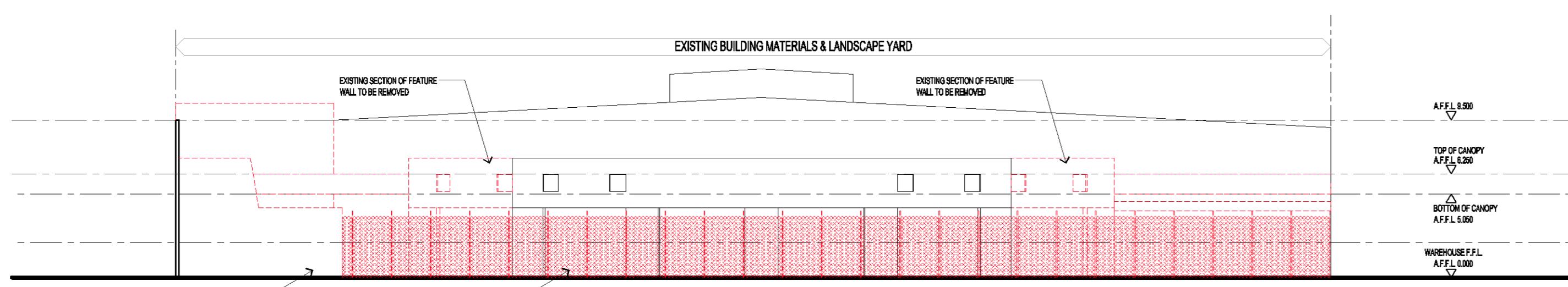


# EXISTING & DEMOLITION: ROOF PLAN

SCALE 1:250

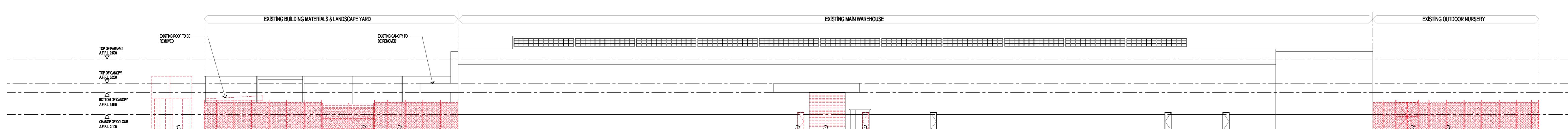


## EXISTING & DEMOLITION: SOUTHWEST ELEVATION (FRONT)



# EXISTING & DEMOLITION: NORTHWEST ELEVATION

SCALE 1:250



**EXISTING & DEMOLITION: NORTHEAST ELEVATION (REAR)**

SCALE 1:250						
02.03.15	P3	PRELIMINARY ISSUE		CG		
26.02.15	P2	PRELIMINARY ISSUE		CG		
23.02.15	P1	PRELIMINARY ISSUE		CG		



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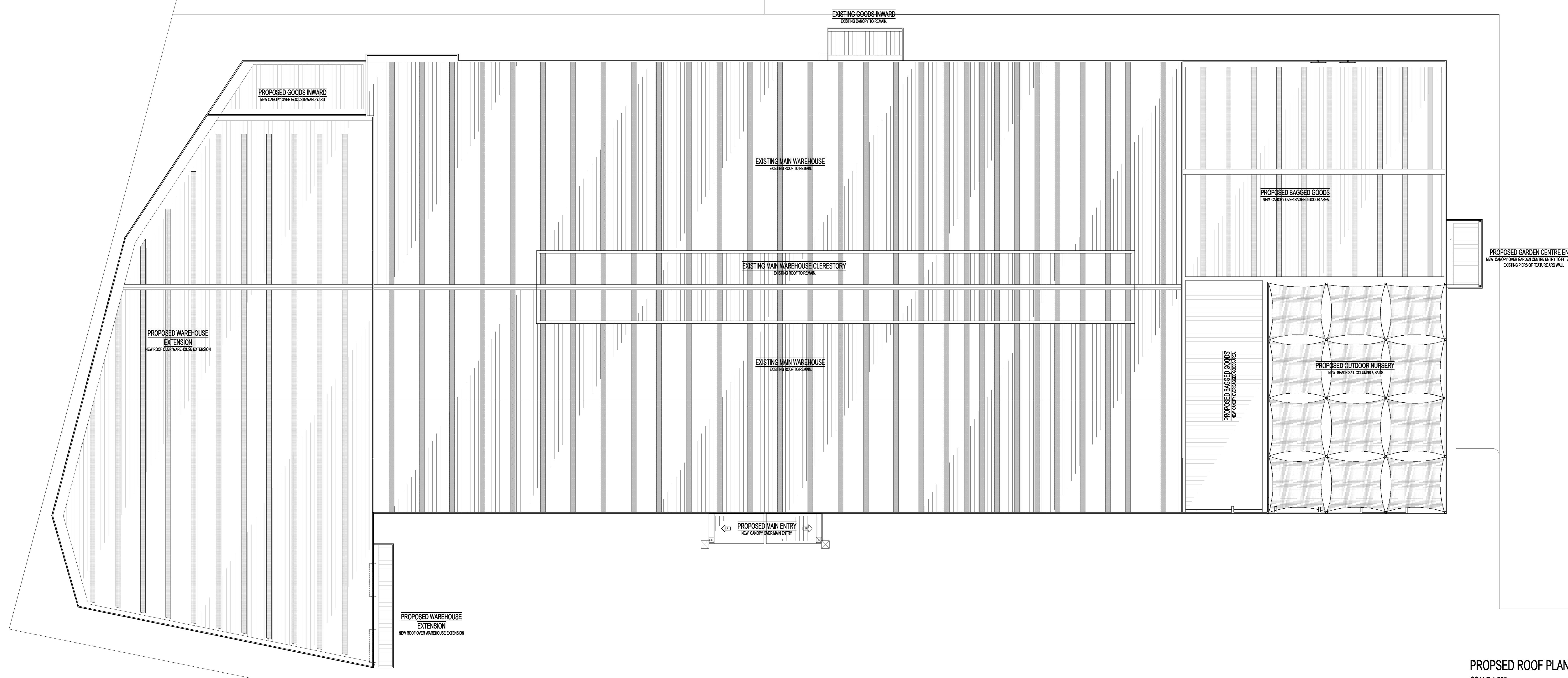
Michael Carr Architect

**Michael Carr Architect** Pty. Ltd.  
ACN 005 121 219

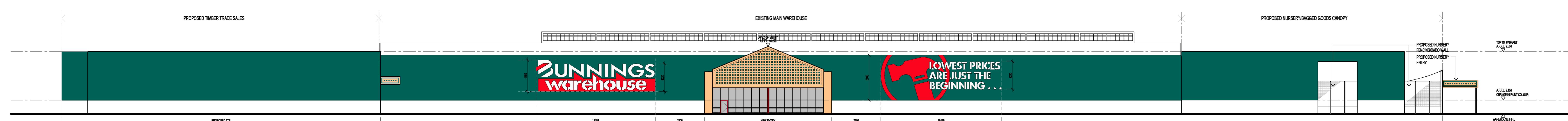
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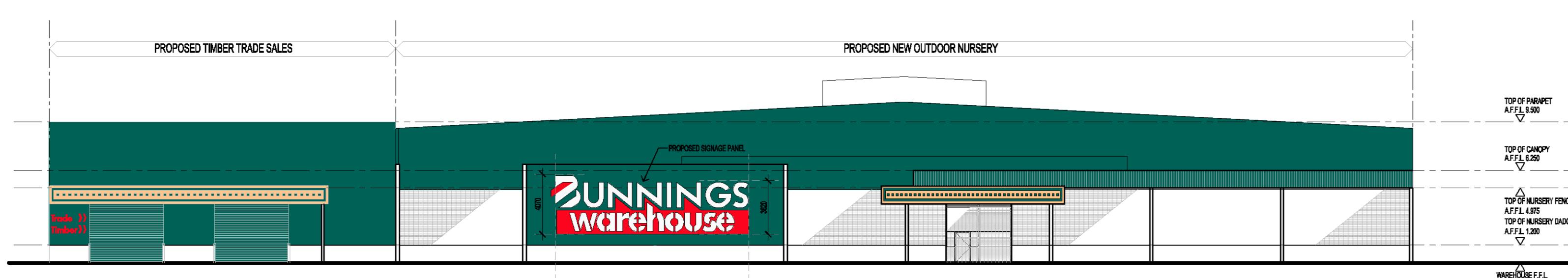
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DATE FEBRUARY 2015	13054	
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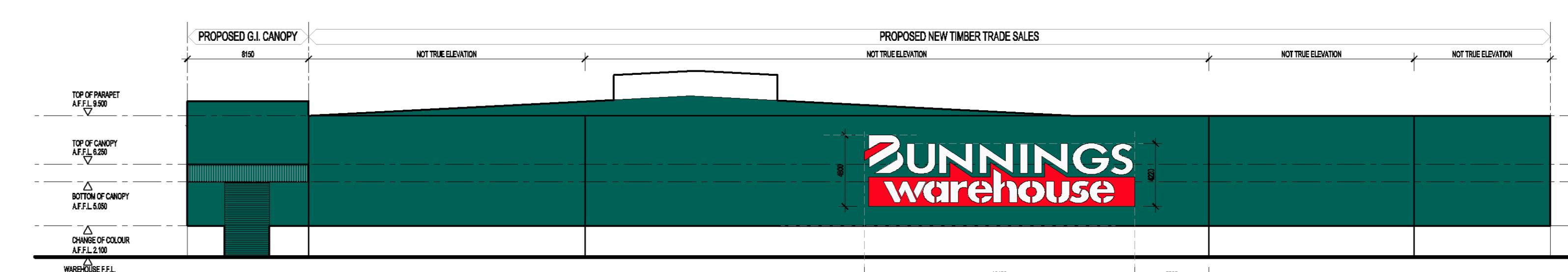
PROPOSED ROOF PLAN  
SCALE 1:250



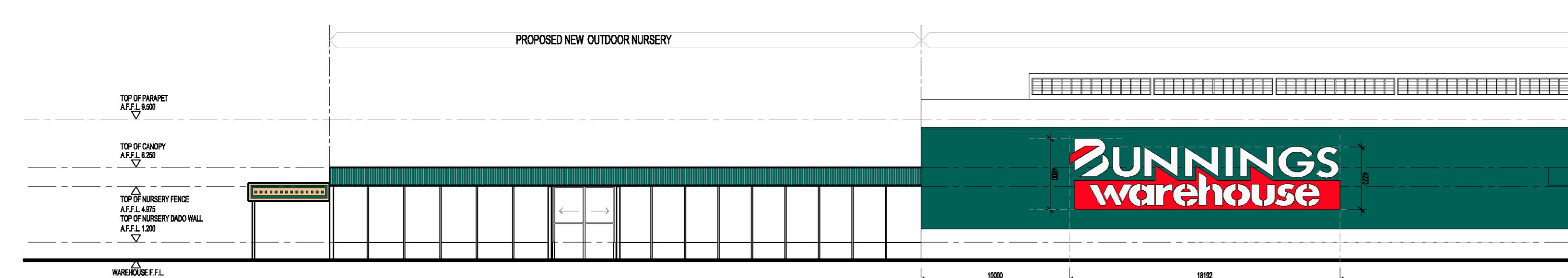
PROPOSED SOUTHWEST ELEVATION (FRONT)  
SCALE 1:250



PROPOSED SOUTHEAST ELEVATION  
SCALE 1:250



PROPOSED NORTHWEST ELEVATION  
SCALE 1:250



PROPOSED NORTHEAST ELEVATION (REAR)  
SCALE 1:250

DATE	REV	AMENDMENT	BY	DATE	REV	AMENDMENT	BY
02.04.16	PS	PRELIMINARY ISSUE	MC				
02.04.16	PS	PRELIMINARY ISSUE	CS				
22.04.16	PS	PRELIMINARY ISSUE	CS				
28.04.16	PS	PRELIMINARY ISSUE	CS				
28.04.16	PS	PRELIMINARY ISSUE	CS				
DATE	REV	AMENDMENT	BY	DATE	REV	AMENDMENT	BY

PLANNING ISSUE

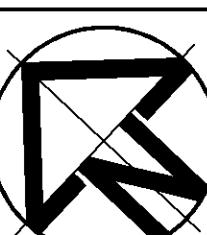
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Michael Carr Architect Pty. Ltd.  
88 Tope Street, South Melbourne 3205  
Ph 03 9645 5935 Fax 03 9666 4264  
Email: [admin@mcarched.com.au](mailto:admin@mcarched.com.au)

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**BUNNINGS**  
warehouse

FOR TOWN PLANNING PURPOSES ONLY  
PROJECT  
BUNNINGS WAREHOUSE PENRITH  
301-335 MULGOA ROAD  
JAMISONTOWN NSW 2750  
DRAWING TITLE  
PROPOSED ROOF PLAN & ELEVATIONS

SCALE	AS SHOWN @ A0	PROJECT No.
1:250	FEBRUARY 2015	13054
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REVISION		P5

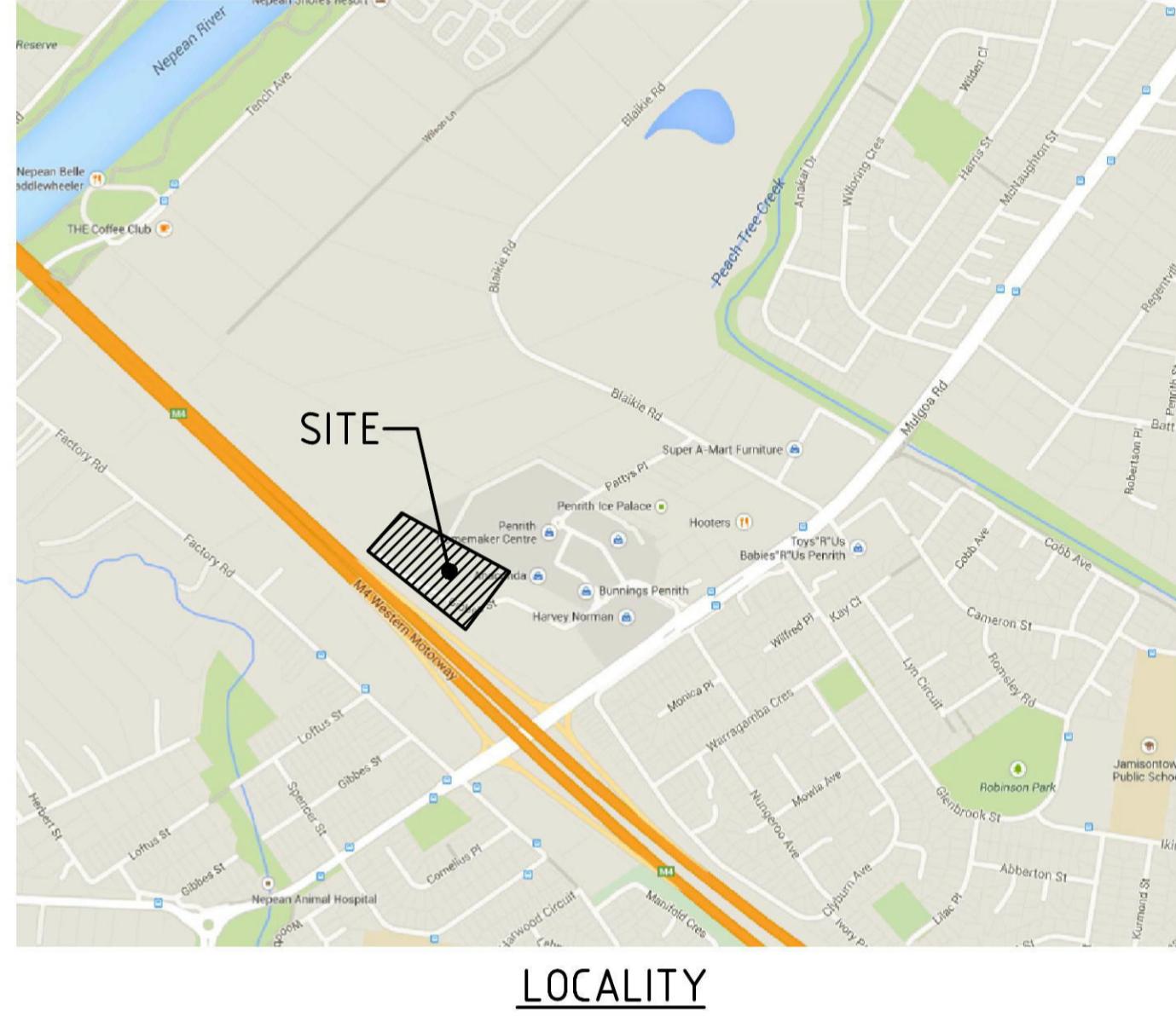




# BUNNINGS WAREHOUSE PENRITH

## 301-335 MULGOA ROAD, JAMISONTOWN

### CIVIL ENGINEERING WORKS FOR DEVELOPMENT APPLICATION



LOCALITY

NOT FOR CONSTRUCTION

DRAWING LIST	
SHEET No.	SHEET TITLE
01155_100	COVER SHEET & DRAWING LIST
01361_110	SITE LAYOUT PLAN
01361_201	GENERAL ARRANGEMENT PLAN
01361_202	GENERAL ARRANGEMENT PLAN
01361_351	TYPICAL SECTIONS
01361_701	SEDIMENT & EROSION CONTROL PLAN AND DETAILS

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#### GENERAL NOTES:

- ALL WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH PENRITH CITY COUNCIL'S TECHNICAL SPECIFICATION.
- THE CONTRACTOR SHALL PREPARE A DILAPIDATION REPORT FOR THE EXISTING INFRASTRUCTURE WITHIN THE ROAD RESERVE, INCLUDING BUT NOT LIMITED TO KERBS, GUTTERS, FOOTPATHS, VEHICULAR CROSSINGS, STREET SIGNS, SERVICE FITTING COVERS, ETC.
- THE CONTRACTOR SHALL REVIEW, BE AWARE AND AT ALL TIMES COMPLY WITH THE SPECIFIC REQUIREMENTS FOR THIS DEVELOPMENT AS SET OUT IN THE DEVELOPMENT APPROVAL FOR THE PROJECT.
- ANY CHANGES MADE BY THE CONTRACTOR TO ANY LEVEL, DIMENSION, LOCATION, POSITION, ALIGNMENT ETC., OF ANY OF THE WORKS SHOWN ON THE DRAWINGS WITHOUT THE WRITTEN CONSENT OF C&M CONSULTING ENGINEERS PTY. LTD. AND OR THE PRINCIPAL CERTIFYING AUTHORITY IS DONE SO AT THE CONTRACTOR'S OWN RISK.
- THE CONTRACTOR SHALL ALLOW TO LIAISE WITH AND PROVIDE SUFFICIENT NOTICE TO THE PRINCIPAL CERTIFYING AUTHORITY TO ENSURE THAT ALL WORKS ARE INSPECTED TO ENABLE COMPLIANCE CERTIFICATES TO BE ISSUED THROUGHOUT THE CONSTRUCTION PERIOD. THE CONTRACTOR SHALL LIAISE WITH THE PRINCIPAL CERTIFYING AUTHORITY PRIOR TO ANY CONSTRUCTION WORKS COMMENCING AND PREPARE AN INSPECTION AND TEST PLAN WITH A MUTUALLY AGREED WITNESS AND HOLD POINTS FOR THE CONSTRUCTION WORKS.
- IF THE PRINCIPAL CERTIFYING AUTHORITY IS NOT PENRITH CITY COUNCIL'S COUNCIL, THEN THE CONTRACTOR MUST CONTACT PENRITH CITY COUNCIL'S COUNCIL'S WORKS DIVISION TO ENABLE THEIR INSPECTION OF ALL WORKS (INCLUDING EROSION AND SEDIMENT CONTROL MEASURES) WITHIN THE ROAD RESERVE AREA.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL ACCESS TO THE SITE. THE ACCESS SHALL BE ALL WEATHER SAFE ACCESS TO THE CONTRACTOR'S SITE FACILITIES AT ALL TIMES FOR THE DURATION OF THE CONTRACT.
- A TEMPORARY HOARDING OR FENCE OF MINIMUM 1.5m HIGH IS TO BE PROVIDED AROUND THE SITE TO PROTECT THE PUBLIC PRIOR TO COMMENCEMENT OF WORKS. HOARDINGS OR FENCES ARE TO BE STRUCTURALLY ADEQUATE. THE CONTRACTOR SHALL OBTAIN AN APPROVAL FROM COUNCIL PRIOR TO ERECTING THE HOARDING OR FENCE.
- ALL NEW WORKS SHALL MAKE A SMOOTH CONNECTION WITH ANY FORMATIONS, STRUCTURES, ETC.
- ALL ALTERATIONS AND/OR ADDITIONS TO EXISTING WORK, THE CONTRACTOR SHALL VERIFY THE DIMENSIONS OF THE EXISTING WORK BEFORE PROCEEDING AND NOTIFY THE SUPERINTENDENT OF DISCREPANCIES.
- THE CONTRACTOR SHALL USE MANUFACTURED ITEMS IN THE WORK ONLY IN ACCORDANCE WITH THE CURRENT PUBLISHED
- THE WORKS SHALL BE CONSTRUCTED IN SUCH A MANNER THAT THERE IS MINIMUM DISTURBANCE TO EXISTING TREES AND VEGETATION.
- THE PUBLIC FOOTWAY AND ROADWAY FRONTING THE SITE SHALL BE MAINTAINED IN A SAFE AND UNOBSTRUCTED MANNER AT ALL TIMES DURING THE CONSTRUCTION WORKS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING TO THE SATISFACTION OF THE ASSET OWNER, ANY DAMAGE CAUSED TO ANY EXISTING INFRASTRUCTURE WITHIN THE ROAD RESERVE, INCLUDING BUT NOT LIMITED TO KERBS, GUTTERS, FOOTPATHS, VEHICULAR CROSSINGS, STREET SIGNS, SERVICE FITTING COVERS, ETC.
- THE SITE SHALL BE KEPT IN A TIDY CONDITION AT ALL TIMES. LITTER RUBBISH AND BUILDING RUBBLE SHALL BE PLACED IN CONTAINERS OR BINS AND REGULARLY REMOVED FROM SITE AS REQUIRED.

#### STORMWATER NOTES:

- STORMWATER DESIGN CRITERIA: MINOR STORM ARI: 50 YEARS  
MAJOR STORM ARI: 100 YEARS
- PIPES DN375 AND LARGER TO BE STEEL REINFORCED CONCRETE PIPES CLASS '2' APPROVED SPIGOT AND SOCKET WITH RUBBER RING JOINTS U.N.O.
- PIPES DN300 AND SMALLER SHALL BE GRADE SH (SEWER GRADE) uPVC WITH RUBBER RING JOINTS.
- EQUIVALENT STRENGTH FIBRE REINFORCED CONCRETE PIPES MAY BE USED UP TO DN450.
- PIPES FOR SUB-SOIL DRAINS SHALL BE SLOTTED 100MM DIAMETER CLASS 1000 WRAPPED IN GEOFABRIC, U.O.N, COMPLYING WITH THE REQUIREMENTS OF AS 2439.
- PRECAST PITS, WHERE ALLOWED, AND THE INSITU BASE SHALL COMPLY WITH THE REQUIREMENT OF THE MANUFACTURER.
- ALL MILD STEEL FIXTURES INCLUDING GRATES, FRAMES, STEP IRONS, LADDERS, ETC., SHALL BE HOT DIP GALVANISED. GALVANISING SHALL COMPLY WITH THE REQUIREMENTS OF AS 1214 OR AS 1650, AS APPROPRIATE.
- GEOFABRIC FILTER SHALL BE PERMEABLE, NON-WOVEN FABRIC MANUFACTURED FROM A POLYMER SUCH AS POLYPROPYLENE OR POLYESTER OF MASS NOT LESS THAN 135G/M<sup>2</sup>.
- THE MINIMUM TRENCH WIDTHS SHALL BE AS FOLLOWS:  
CONCRETE AND FRC PIPES: EXTERNAL PIPE DIAMETER PLUS 400MM.  
uPVC PIPE: EXTERNAL DIAMETER OF PIPE PLUS 200MM.  
SUBSOIL PIPE: 250MM.
- ALL PIPES SHALL BE PLACED CENTRALLY WITHIN THE TRENCH WITH EQUAL CLEARANCE EACH SIDE.
- PIPE BEDDING MATERIAL SHALL BE CLEAN COARSE RIVER SAND WITH DEPTH AS FOLLOWS:  
CONCRETE AND FRC PIPES: 100MM (175MM IN ROCK)  
UPVC PIPE: 75MM (100MM IN ROCK)  
SUBSOIL DRAINS: 50MM
- ALL PIPES SHALL BE BACKFILLED WITH GRANULAR MATERIAL SUCH AS QUARRY FINES OR COARSE RIVER SAND TO A MINIMUM OF 150MM ABOVE THE PIPE. THE GRANULAR MATERIAL SHALL BE PLACED IN 150MM THICK MAXIMUM LAYERS AND COMPAKTED TO ACHIEVE A DENSITY INDEX (ID) OF 70%. FREQUENCIES OF COMPAKCTION TESTS FOR TRENCHES SHALL BE 1 TEST PER 2 LAYERS PER 40 LINEAR METRE.
- BACKFILL THE REMAINDER OF THE TRENCH ABOVE THE SAND TO SUBGRADE LEVEL WITH TRENCH MATERIAL. PLACE AND COMPACT MATERIALS IN LAYERS NOT EXCEEDING 150MM LOOSE THICKNESS. MATERIAL LOWER THAN 500MM BELOW SUBGRADE LEVEL SHALL BE COMPACTED TO AT LEAST 95% OF STANDARD MAXIMUM DRY DENSITY. THE TOP 500MM BELOW PAVEMENT SUBGRADE LEVELS SHALL BE COMPACTED TO AT LEAST 100% STANDARD MAXIMUM DRY DENSITY.
- FILTER MATERIAL FOR SUBSOIL SHALL BE COARSE SAND OR CRUSHED STONE COMPLYING WITH ONE OF THE GRADINGS IN THE TABLE BELOW. WHERE NOTED ON THE DRAWINGS THE 7MM CRUSHED ROCK FILTER MATERIAL SHALL BE ENCLOSED WITHIN FILTER FABRIC SHEET AS SPECIFIED. FILTER MATERIAL SHALL BE PLACED IN 250MM LAYERS AND COMPAKTED TO DENSITY INDEX (ID) OF 60%.

## AS SIEVE

SIZE (mm)	SAND	7mm ROCK
9.5	100	100
6.7	-	75-100
4.75	90-100	20-55
2.36	75-100	0-15
1.18	50-90	
0.6	20-60	
0.3	10-30	
0.15	2-10	
0.075	0-3	0-2

- UNLESS OTHERWISE DETAILED OR PERMITTED, THE MINIMUM GRADE OF ALL PIPE WORKS SHALL BE 1.0%, AND HAVE MINIMUM 300mm COVER.

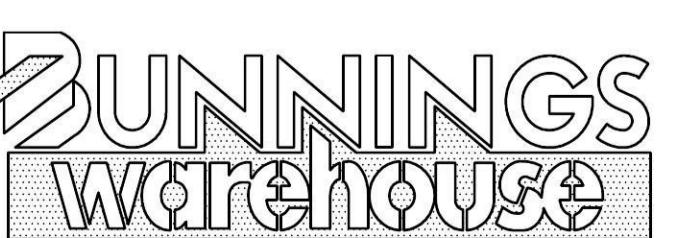
#### EARTHWORKS NOTES:

- THE CONTRACTOR SHALL STRIP THE MATERIAL CLASSIFIED AS TOPSOIL OR MATERIAL CONTAINING ORGANIC MATTER TO A LEVEL APPROVED BY THE CONTRACTOR'S GEOTECHNICAL ENGINEER AND THE SUPERINTENDENT. THE STRIPPED TOPSOIL SHOULD BE REMOVED AND STOCKPILED PRIOR TO ANY EARTHWORKS OPERATIONS.
- THE CONTRACTOR SHALL STRIP THE MATERIAL CLASSIFIED AS TOPSOIL OR MATERIAL CONTAINING ORGANIC MATTER TO A LEVEL APPROVED BY THE CONTRACTOR'S GEOTECHNICAL ENGINEER AND THE SUPERINTENDENT. THE STRIPPED TOPSOIL SHOULD BE REMOVED AND STOCKPILED PRIOR TO ANY EARTHWORKS OPERATIONS.
- THE MAXIMUM HEIGHT OF TOPSOIL STOCKPILES SHALL NOT EXCEED 2.5M AND THE MAXIMUM BATTER SLOPE SHALL NOT EXCEED 2H : 1V.
- ALL EARTHWORKS OPERATIONS SHALL BE CARRIED OUT TO LEVEL 1 SUPERVISION IN ACCORDANCE WITH AS3798 - 2007. THE CONTRACTOR SHALL ISSUE A WRITTEN LETTER FROM THE GEOTECHNICAL CONSULTANT THAT THEY HAVE BEEN ENGAGED ACCORDINGLY AND TAKES FULL RESPONSIBILITY OF THE EARTHWORKS OPERATION.
- THE CONTRACTOR SHALL OVER-EXCAVATE TO REMOVE ALL UNACCEPTABLE FILL MATERIAL CONTAINING DELETERIOUS MATERIALS SUCH AS ORGANIC MATTER AND CONSTRUCTION MATERIALS. ALL OVER-EXCAVATED AREAS SHALL BE REPLACED WITH SUITABLE MATERIAL WITH A CBR AT LEAST EQUAL TO THE SPECIFIED SUBGRADE CBR, SOURCED FROM ON SITE, IF AVAILABLE, OR IMPORTED.
- WET MATERIAL WILL NOT BE REGARDED AS UNSUITABLE. SHOULD WET MATERIAL BE ENCOUNTERED, THE CONTRACTOR SHALL DRY THE MATERIAL SUFFICIENTLY BY RE-WORKING, OR SPREADING IT TO ALLOW DRYING. ALL ASSOCIATED COSTS SHALL BE BORNE BY THE CONTRACTOR.
- ALL EXCESS EARTHWORKS MATERIALS, INCLUDING EXCESS MATERIALS FROM THE STORMWATER AND SERVICE TRENCH EXCAVATIONS SHALL BE REMOVED AND LEGALLY DISPOSED OF OFF-SITE BY THE CONTRACTOR AT THE CONTRACTOR'S COST.
- ALL BATTER SLOPES SHALL BE A MAXIMUM OF 1V:5H (U.N.O.)
- UNLESS NOTED OTHERWISE OR APPROVED ALL FILL MUST BE CONSTITUTED OF VIRGIN EXCAVATED NATURAL MATERIAL (VENM).
- THE CONTRACTOR SHALL EXCAVATE AND/OR PLACE AND COMPACT FILL TO CONFORM TO THE LINES, GRADES, CROSS SECTIONS, AND DIMENSIONS SHOWN ON THE DRAWINGS, ALLOWING FOR PAVEMENT/SLAB AND TOPSOIL LAYERS.
- FREQUENCIES OF COMPAKCTION TESTS FOR EARTHWORKS SHALL BE AS FOLLOWS (WHICHEVER IS GREATER NUMBER):
  - 1 TEST PER 500 M<sup>3</sup> DISTRIBUTED AREA, OR
  - 1 TEST PER LAYER OR 200MM THICKNESS, OR
  - 3 TESTS PER VISIT.
- COMPAKCTION REQUIREMENTS FOR EARTHWORKS SHALL BE AS FOLLOWS:
  - GENERAL FILL: 95% OF SMDD
  - TOP 500MM UNDER PAVEMENT OR STRUCTURE: 100% OF SMDD
  - BACKFILL WITHIN 2M OF STRUCTURES: 100% OF SMDD
- MOISTURE CONTENT TO BE IN THE RANGE OF - 2% TO +2% OF THE OPTIMUM MOISTURE CONTENT.
- ALL COMPAKCTION TEST RESULTS SHALL BE PROVIDED TO THE SUPERINTENDENT.
- ALL SITE REGRADED AREAS AFTER FORMATION, SHALL BE COVERED WITH A 150MM SELECT TOPSOIL LAYER. TOPSOIL STOCKPILED PRIOR TO EARTHWORKS OPERATIONS CAN BE REUSED FOR THIS PURPOSE PROVIDED ANY DELETERIOUS MATERIAL IS REMOVED PRIOR TO PLACING.
- ALL DISTURBED AND DENUDED AREAS SHALL BE REGRASSSED WITHIN 7 DAYS AFTER THE COMPLETION OF EARTHWORKS FORMATION. REFER LANDSCAPE PLAN L1003 FOR DETAIL OF REGRASS.

#### SERVICES NOTES:

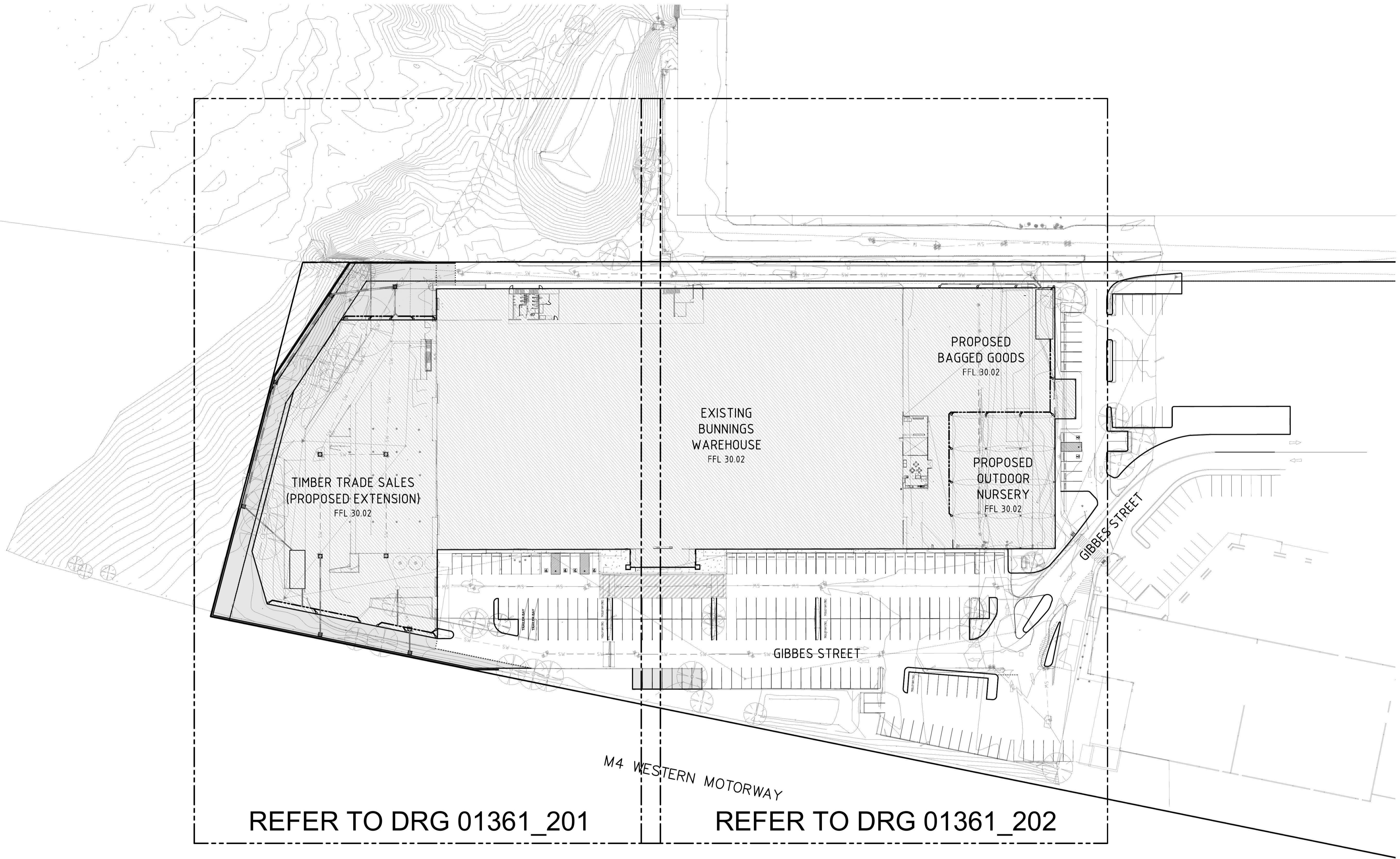
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE RELEVANT SERVICES AUTHORITIES OF THE WORKS AND VERIFY THE LOCATION OF ALL EXISTING SERVICES PRIOR TO ANY CONSTRUCTION ACTIVITIES COMMENCING.
- THE CONTRACTOR SHALL LIAISE AND COORDINATE THE TIMING OF THE CONSTRUCTION OF THE WORKS WITH THE RELEVANT SERVICES AUTHORITIES AND/OR OTHER CONTRACTORS INSTALLING SERVICES CONCURRENTLY AT THIS SITE.
- THE LOCATION OF ALL EXISTING SERVICES SHOWN ON THE DRAWINGS ARE APPROXIMATE ONLY AND HAVE BEEN TAKEN FROM INFORMATION PROVIDED BY THE RELEVANT SERVICE AUTHORITIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE CAUSED TO EXISTING SERVICES AS A RESULT OF THE CONSTRUCTION WORKS.

					CIVIL AND HYDRAULIC ENGINEERING DESIGN AND PROJECT MANAGEMENT	DESIGNED	W. WEBB	DATE	11/03/2015	BUNNINGS WAREHOUSE PENRITH						
					VERIFIED	A. MANCONE	DATE	11/03/2015	COVER SHEET & DRAWING LIST			STATUS	DEVELOPMENT APP.	DRAWING No.	01155_100	REVISION
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01	W.W.	17/03/15	E.S.	17/03/15	ISSUE FOR REVIEW											
REV.	DES.	DATE	VER.	DATE	DESCRIPTION											



CIVIL AND HYDRAULIC  
ENGINEERING DESIGN AND  
PROJECT MANAGEMENT  
SUITE 26  
11 - 13 BROOKHOLLOW AVE  
BAULKHAM HILLS NSW 2153  
PHONE: (02) 9680 3100  
FAX: (02) 9634 6989  
ABN 21 118 134 240

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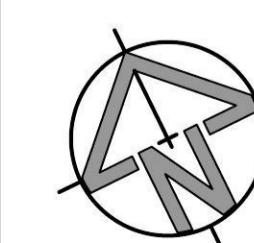


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# NOT FOR CONSTRUCTION

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REV.	DES.	DATE	VER.	DATE	DESCRIPTION
02	W.W.	01/04/15	E.S.	01/04/15	ISSUE FOR APPROVAL
01	W.W.	17/03/15	E.S.	17/03/15	ISSUE FOR REVIEW



**BUNNINGS**  
**warehouse**



CIVIL AND HYDRAULIC  
ENGINEERING DESIGN  
PROJECT MANAGEMENT

SUITE 26  
11 - 13 BROOKHOLLOW  
BAULKHAM HILLS NSW

PHONE: (02) 9680  
FAX: (02) 9634

ABN 21 118 134 240

DESIGNED	W.W.
VERIFIED	A.MAN
DRAWN	M.STC

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BB	DATE	11/03/2015
CONE	DATE	11/03/2015
KER	SCALE @ A1	1:500
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# BUNNINGS WAREHOUSE PENRITH

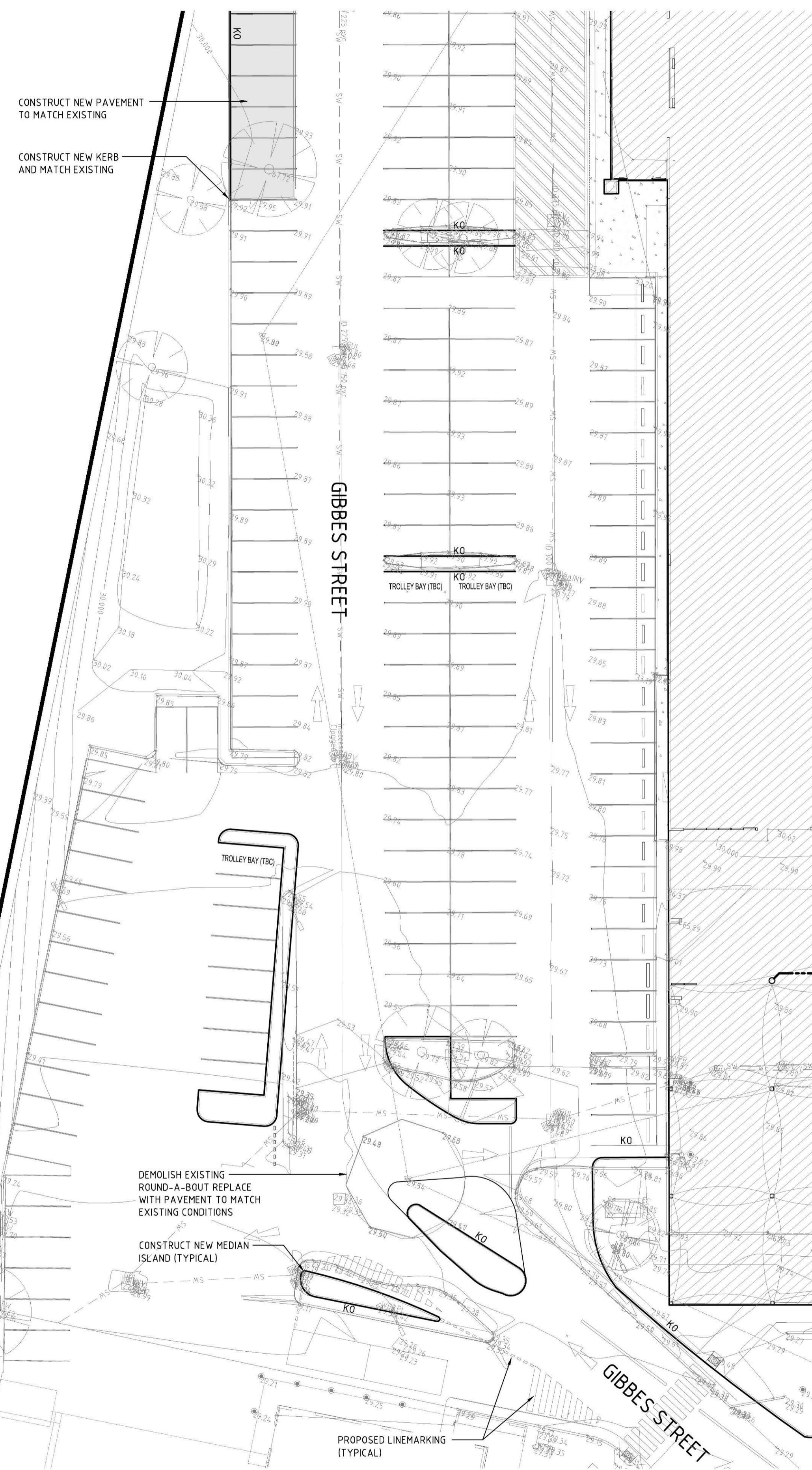
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## SITE LAYOUT PLAN

## SITE LAYOUT PLAN



## M4 WESTERN MOTORWAY

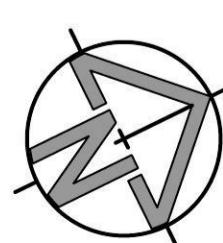
EXISTING BUNNINGS  
WAREHOUSE  
FFL 30.02PROPOSED BAGGED GOODS  
FFL 30.02PROPOSED  
OUTDOOR NURSERY  
FFL 30.02RAINWATER TANK  
60m<sup>3</sup>

## LEGEND

- EXISTING SURFACE CONTOUR
- PROPOSED STORMWATER DRAINAGE LINE
- PROPOSED STORMWATER AT HIGH LEVEL
- STORMWATER DRAINAGE PITS
- DOWNPipe
- GSIP
- JP
- DPO

NOT FOR CONSTRUCTION

02	W.W.	01/04/15	E.S.
01	W.W.	17/03/15	E.S.
REV.	DES.	DATE	VER.



**BUNNINGS**  
warehouse

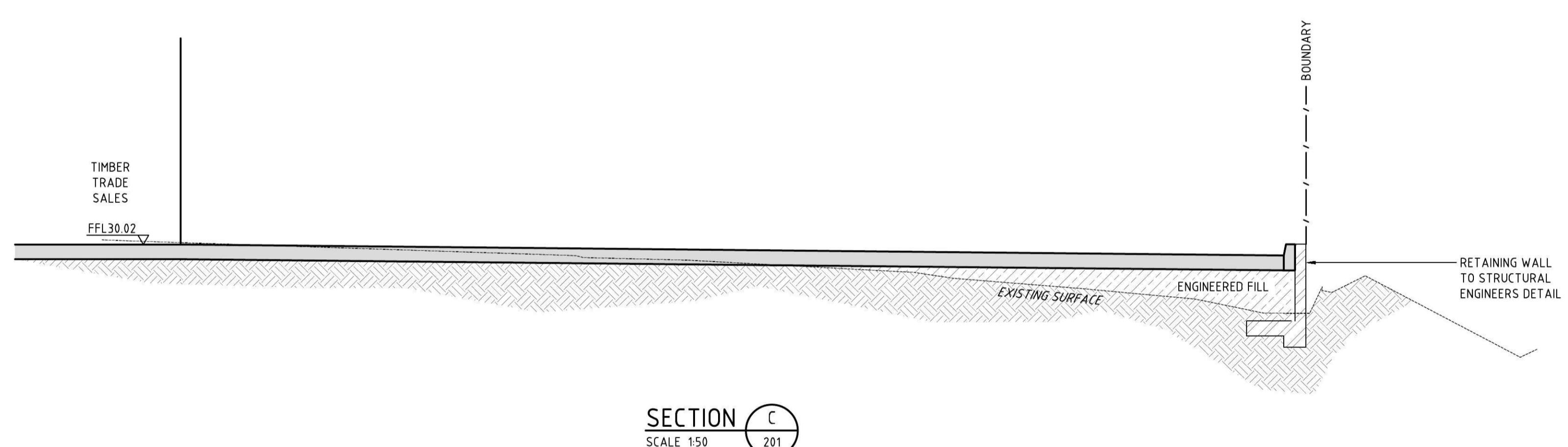
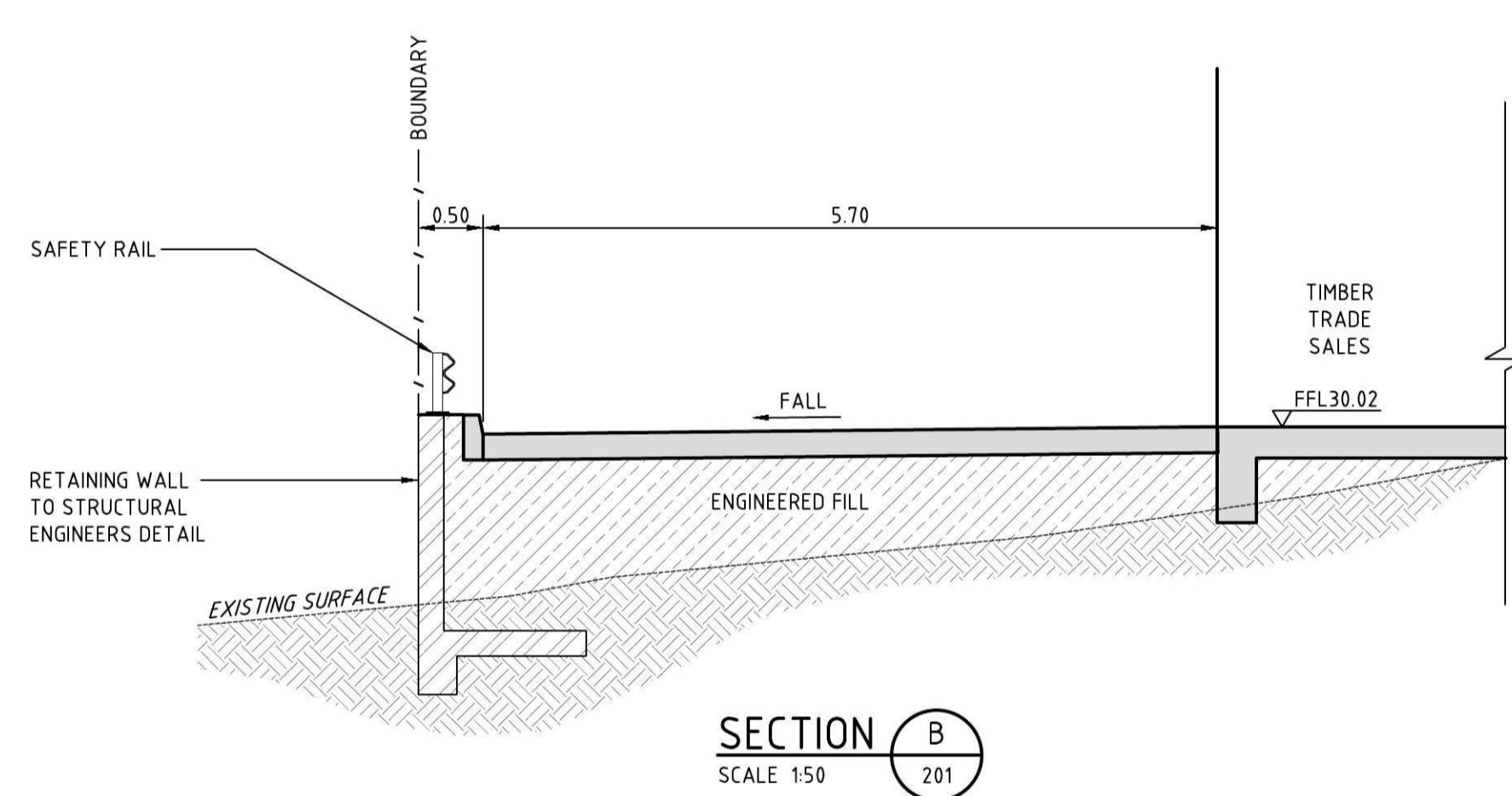
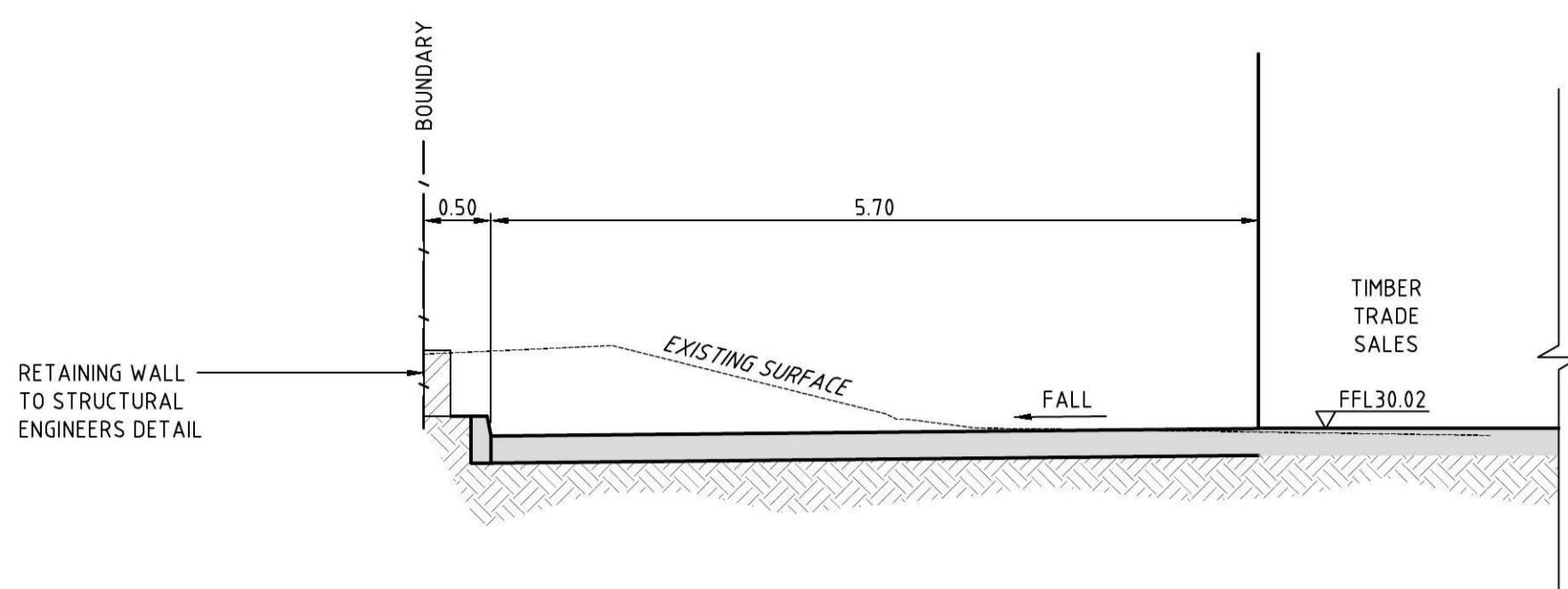


CIVIL AND HYDRAULIC  
ENGINEERING DESIGN AND  
PROJECT MANAGEMENT  
SUITE 26  
11 - 13 BROOKHOLLOW AVE  
BAULKHAM HILLS NSW 2153  
PHONE: (02) 9680 3100  
FAX: (02) 9634 6989  
ABN 21 118 134 240

DESIGNED	W. WEBB	DATE	11/03/2015
VERIFIED	A. MANCONE	DATE	11/03/2015
DRAWN	M. STOKER	SCALE @ A1	1:250

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STATUS	DEVELOPMENT APP.	DRAWING NO.	01361_202	REVISION
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**NOT FOR CONSTRUCTION**

02	W.W.	01/04/15	E.S.	01/04/15
01	W.W.	17/03/15	E.S.	17/03/15
REV.	DES.	DATE	VER.	DATE

DESCRIPTION

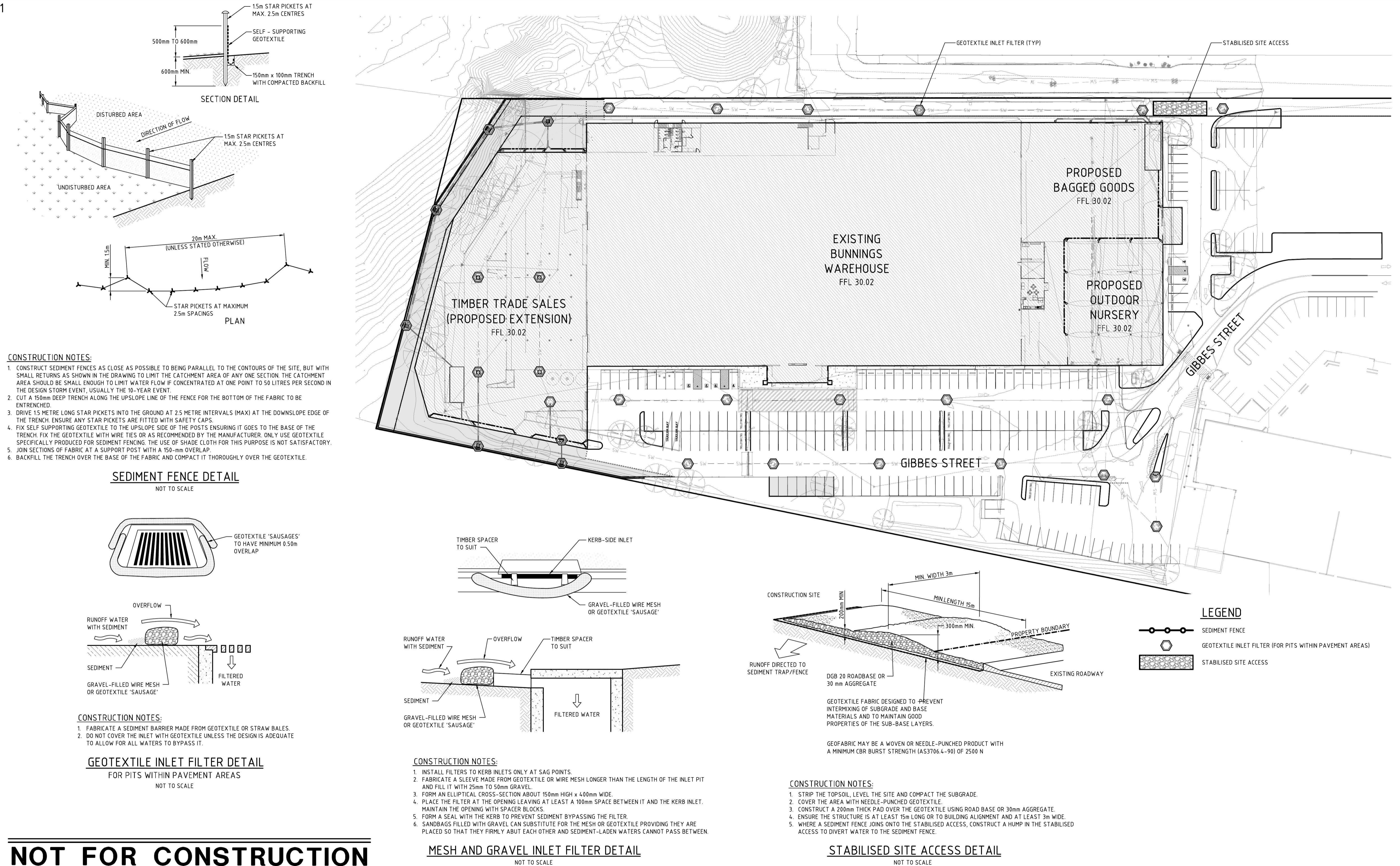


CIVIL AND HYDRAULIC  
ENGINEERING DESIGN AND  
PROJECT MANAGEMENT  
SUITE 26  
11 - 13 BROOKHOLLOW AVE  
BAULKHAM HILLS NSW 2153  
PHONE: (02) 9680 3100  
FAX: (02) 9634 6989  
ABN 21 118 134 240

DESIGNED W.WEBB DATE 11/03/2015  
VERIFIED A.MANCONE DATE 11/03/2015  
DRAWN M.STOKER SCALE @ A1 AS SHOWN

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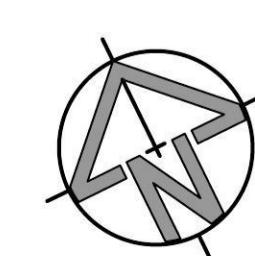
BUNNINGS WAREHOUSE PENRITH  
TYPICAL SECTIONS  
STATUS DEVELOPMENT APP. DRAWING No. 01361\_351  
REVISION 02



**NOT FOR CONSTRUCTION**

02	W.W.	01/04/15	A.M.	01/04/15
01	W.W.	17/03/15	E.S.	17/03/15
REV.	DES.	DATE	VER.	DATE

ISSUE FOR APPROVAL  
ISSUE FOR REVIEW  
DESCRIPTION



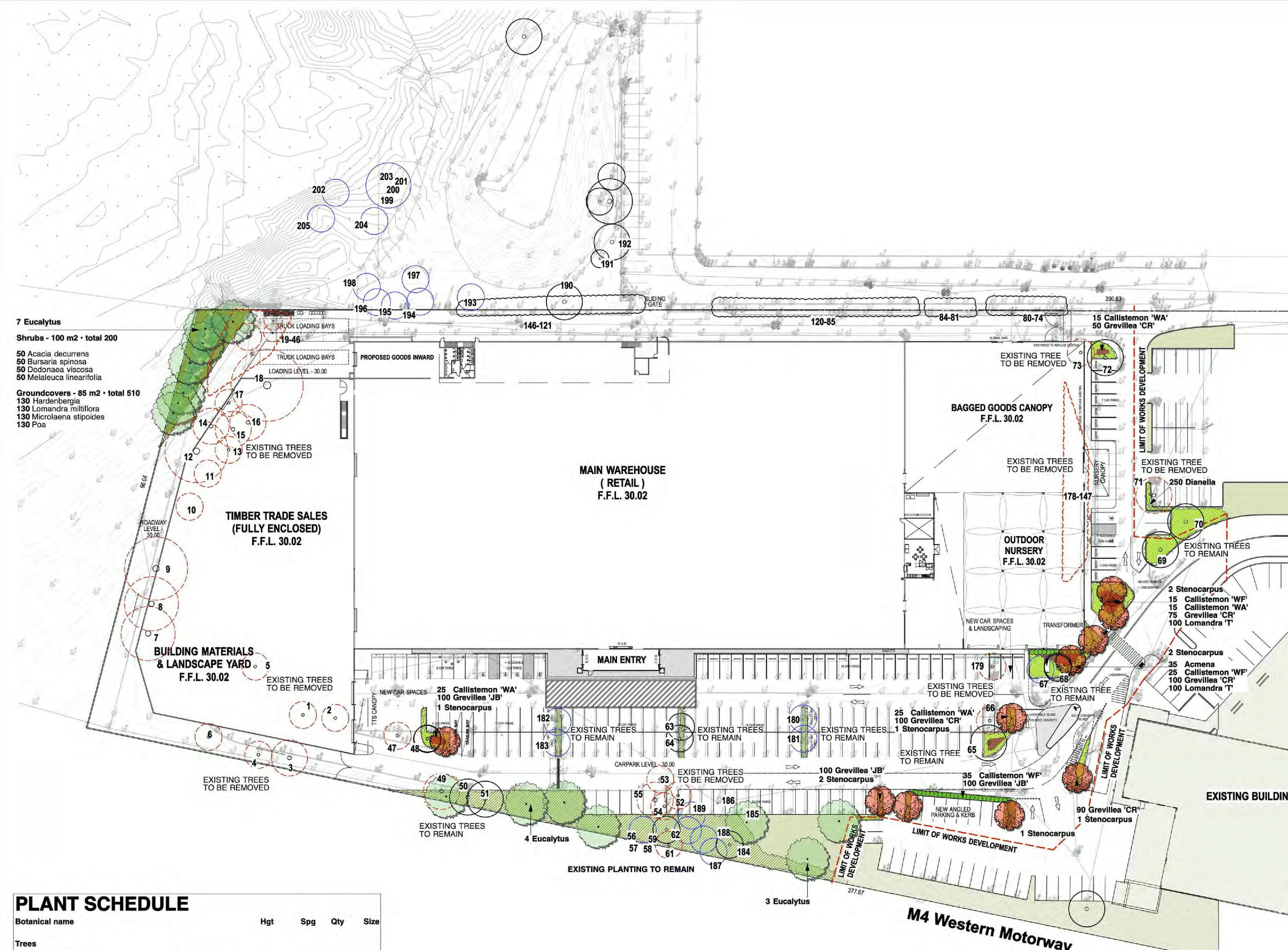
**BUNNINGS**  
Warehouse



CIVIL AND HYDRAULIC  
ENGINEERING DESIGN AND  
PROJECT MANAGEMENT  
SUITE 26  
11 - 13 BROOKHOLLOW AVE  
BAULKHAM HILLS NSW 2153  
PHONE: (02) 9680 3100  
FAX: (02) 9634 6989  
ABN 21 118 134 240

DESIGNED W. WEBB DATE 11/03/2015  
VERIFIED A. MANCONE DATE 11/03/2015  
DRAWN M. STOKER SCALE @ A1 1:500  
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**BUNNINGS WAREHOUSE PENRITH**  
**SEDIMENT & EROSION CONTROL**  
**PLAN AND DETAILS**  
STATUS DEVELOPMENT APP. DRAWING No. 01361\_701  
REVISION 02



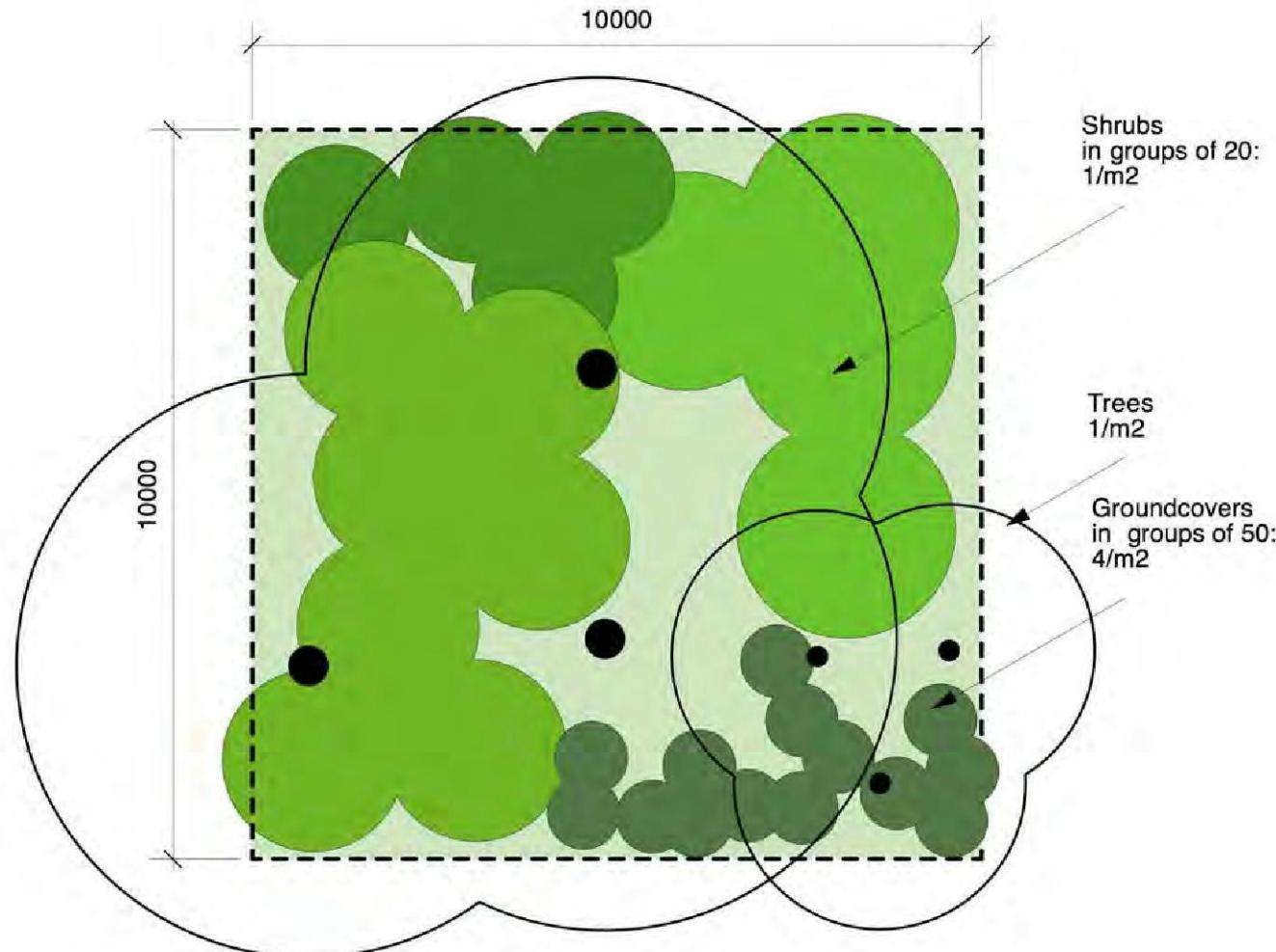
#### EXISTING TREE SCHEDULE

NOTE - Refer to Arborist Report:  
ABEL ECOLOGY, 2015, for full report & descriptions

# Species	Hgt	DBH (cm)	Condition	Comments	
1 Melia azedarach	8	28	G G	REMOVE	
2 Melia azedarach	4	30	F F	REMOVE	
3 Eucalyptus tereticornis	13	44	E G	REMOVE	
4 Eucalyptus tereticornis	14	36	E E	REMOVE	
5 Melia azedarach	7	37, 17, 14, 10	G F	REMOVE	
6 Corymbia citriodora	9	20, 12, 14, 10	G F	REMOVE	
7 Eucalyptus tereticornis	13	20, 24, 29, 20	G F	REMOVE	
8 Eucalyptus tereticornis	16	42	G E	REMOVE	
9 Eucalyptus tereticornis	12	19, 19, 47	G E	REMOVE	
10 Melia azedarach	6	22	G G	REMOVE	
11 Eucalyptus tereticornis	8	18	G E	REMOVE	
12 Eucalyptus tereticornis	14	36, 13, 30	G G	REMOVE	
13 Eucalyptus tereticornis	9	22	G G	REMOVE	
14 Eucalyptus tereticornis	13	37	G G	REMOVE	
15 Eucalyptus tereticornis	12	34	G G	REMOVE	
16 Eucalyptus tereticornis	8	34	F P	REMOVE	
17 Eucalyptus tereticornis	9	20	G F	REMOVE	
18 Eucalyptus tereticornis	14	49	G G	REMOVE	
19 Casuarina glauca	10	17, 10	G G	REMOVE	
20 Casuarina glauca	10	11	G G	REMOVE	
21 Casuarina glauca	15	24	G G	REMOVE	
22 Casuarina glauca	8	9	F P	REMOVE	
23 Casuarina glauca	14	22	G E	REMOVE	
24 Casuarina glauca	8	7, 9	F P	REMOVE	
25 Casuarina glauca	8	7, 13, 4, 5	F F	REMOVE	
26 Casuarina glauca	10	21	G F	REMOVE	
27 Casuarina glauca	14	21	G G	REMOVE	
28 Casuarina glauca	9	10	G G	REMOVE	
29 Casuarina glauca	10	Multiple st'	G G	REMOVE	
30 Casuarina glauca	9	14	F P	REMOVE	
31 Casuarina glauca	12	14	P P	REMOVE	
32 Casuarina glauca	9	9	G G	REMOVE	
33 Casuarina glauca	9	19	G F	REMOVE	
34 Casuarina glauca	11	17	F G	REMOVE	
35 Casuarina glauca	11	18	G G	REMOVE	
36 Casuarina glauca	12	17	G G	REMOVE	
37 Casuarina glauca	12	15	G G	REMOVE	
38 Casuarina glauca	15	16	G G	REMOVE	
39 Casuarina glauca	13	13	G F	REMOVE	
40 Casuarina glauca	11	9	F F	REMOVE	
41 Casuarina glauca	14	20	G F	REMOVE	
42 Casuarina glauca	12	19	F F	REMOVE	
43 Casuarina glauca	11	11	F G	REMOVE	
44 Casuarina glauca	16	20	G G	REMOVE	
45 Tecoma stans	4	7	11	G G	REMOVE
46 Tecoma stans	4	8	11	G G	REMOVE
47 Melia Azedarach	7	21, 27	37	E G	REMOVE
48 Melia Azedarach	6	25	32	E G	REMOVE
49 Eucalyptus tereticornis	13	35	E F	REMOVE	
50 Eucalyptus tereticornis	15	34	G F	REMOVE	
51 Eucalyptus tereticornis	18	33	G F	REMOVE	
52 Corymbia maculata	20	44	G G	REMOVE	
53 Corymbia maculata	6	10, 10	G F	REMOVE	
54 Eucalyptus tereticornis	7	13	G F	REMOVE	
55 Acacia fimbriata	4	9	12	F P	REMOVE
56 Acacia fimbriata	7	12	G F	REMOVE	
57 Acacia fimbriata	7	12	G G	REMOVE	
58 Acacia fimbriata	7	7	G F	REMOVE	
59 Acacia fimbriata	7	7	G G	REMOVE	
60 Acacia fimbriata	7	7	G F	REMOVE	
61 Cinnamomum camphora	2	Multiple st'	F P	REMOVE	
62 Eucalyptus tereticornis	11	29	33	P F	REMOVE
63 Melia azedarach	5	15	17	G G	REMOVE
64 Melia azedarach	6	27	35	G G	REMOVE
65 Melia azedarach	7	31, 22	44	G G	REMOVE
66 Melia azedarach	6	21, 21	36	G F	REMOVE
67 Corymbia maculata	12	16	25	P F	REMOVE
68 Corymbia maculata	20	31	41	E E	REMOVE
69 Corymbia maculata	22	44	54	E E	REMOVE
70 Corymbia maculata	22	36	49	G G	REMOVE
71 Corymbia maculata	19	32	46	E E	REMOVE
72 Corymbia maculata	14	22	31	E E	REMOVE
73 Corymbia maculata	15	18, 8	25	G F	REMOVE
74 Casuarina glauca	16	26	31	G F	REMOVE
75 Casuarina glauca	13	24	32	G G	REMOVE
76 Casuarina glauca	13	23	29	F G	REMOVE
77 Casuarina glauca	14	23	29	F G	REMOVE
78 Casuarina glauca	12	16	26	G G	REMOVE
79 Casuarina glauca	12	16	26	G G	REMOVE
80 Casuarina glauca	11	17	24	G G	REMOVE
81 Casuarina glauca	6	11	15	G F	REMOVE
82 Casuarina glauca	10	13	19	F F	REMOVE
83 Casuarina glauca	5	6	9	F F	REMOVE
84 Casuarina glauca	9	14	21	P F	REMOVE
85 Casuarina glauca	10	10	16	P F	REMOVE
86 Casuarina glauca	7	12	17	G F	REMOVE
87 Casuarina glauca	11	14	19	G G	REMOVE
88 Casuarina glauca	10	10	13	G G	REMOVE
89 Casuarina glauca	7	8	12	F F	REMOVE
90 Casuarina glauca	9	9	19	G F	REMOVE
91 Casuarina glauca	8	14	20	G F	REMOVE
92 Casuarina glauca	6	9, 6, 10, 7	11	F G	REMOVE
93 Casuarina glauca	6	7	11	F G	REMOVE
94 Casuarina glauca	12	25	36	G G	REMOVE
95 Casuarina glauca	12	12, 6, 17	22	G P	REMOVE
96 Casuarina glauca	9	7	8	F G	REMOVE
97 Casuarina glauca	8	8, 6	20	G G	REMOVE
98 Casuarina glauca	7	8	10	F G	REMOVE
99 Casuarina glauca	10	11	14, 11	G G	REMOVE
100 Casuarina glauca	10	7, 9, 11	11	G G	REMOVE
101 Casuarina glauca	13	17	21	G G	REMOVE
102 Casuarina glauca	10	10	15	G G	REMOVE
103 Casuarina glauca	10	17	22	G G	REMOVE
104 Casuarina glauca	8	10	15	G G	REMOVE
105 Casuarina glauca	10	10	14	G G	REMOVE
106 Casuarina glauca	12	14	19	G G	REMOVE
107 Casuarina glauca	12	14	19	G G	REMOVE
108 Casuarina glauca	11	13	18	F F	REMOVE
109 Casuarina glauca	9	13	19	G F	REMOVE
110 Casuarina glauca	12	9, 4, 18, 14	18	G G	REMOVE
111 Casuarina glauca	9	9	10	F F	REMOVE
112 Casuarina glauca	10	11	19	G G	REMOVE
113 Casuarina glauca	10	11, 7, 10	10	G G	REMOVE
114 Casuarina glauca	3	12, 10, 11, 7	6	P F	REMOVE
115 Casuarina glauca	10	11, 10	10	G G	REMOVE
116 Casuarina glauca	11	11, 10	22	G G	REMOVE
117 Casuarina glauca	11	23	31	E G	REMOVE
118 Casuarina glauca	11	20	29	G G	REMOVE
119 Casuarina glauca	6	8	G F	REMOVE	
120 Casuarina glauca	14	16, 19	28	G G	REMOVE
121 Casuarina glauca	12	18	36	G G	REMOVE
122 Casuarina glauca	12	19	28	G G	REMOVE
123 Casuarina glauca	5	8	10	F F	REMOVE
124 Casuarina glauca	7	8	11	G G	REMOVE
125 Casuarina glauca	11	19	26	G G	REMOVE
126 Casuarina glauca	12	18	23	G F	REMOVE
127 Casuarina glauca	11	12	15	G G	REMOVE
128 Casuarina glauca	12	18	23	G F	REMOVE
129 Casuarina glauca	8	6, 8	F F	REMOVE	
130 Casuarina glauca	8	7, 5, 6	F F	REMOVE	
131 Casuarina glauca	9	8, 7	F F	REMOVE	
132 Casuarina glauca	12	19	28	G G	REMOVE
133 Casuarina glauca	13	16, 23	F G	REMOVE	
134 Casuarina glauca	13	16	23	F G	REMOVE
135 Casuarina glauca	13	16	23	F G	REMOVE
136 Casuarina glauca	11	14	20	F G	REMOVE
137 Casuarina glauca	7	9	15	G F	REMOVE
138 Casuarina glauca	13	18	25	F G	REMOVE
139 Casuarina glauca	12	18	27	G F	REMOVE
140 Casuarina glauca	11	14	20	G G	REMOVE

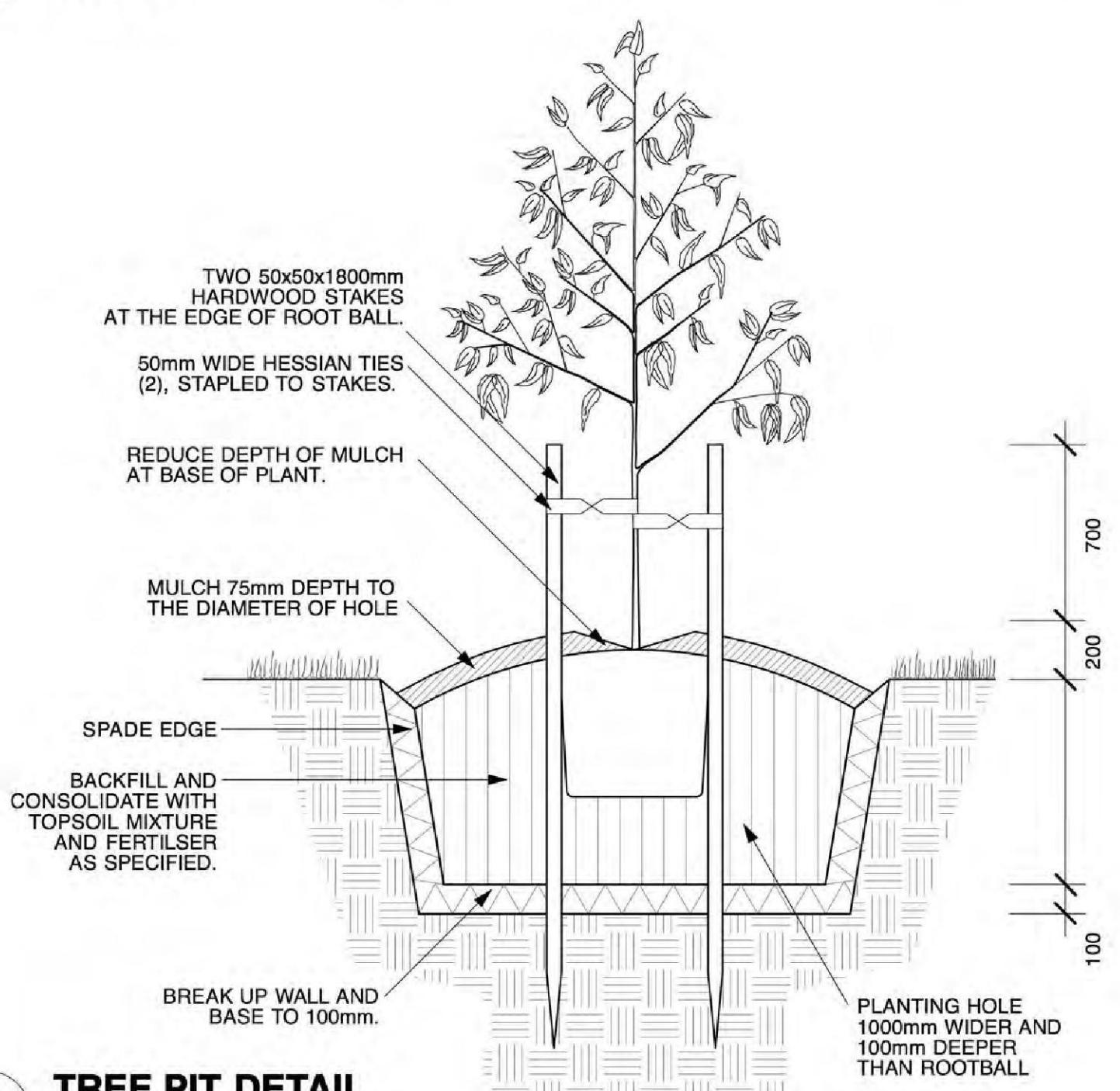
#### PLANT SCHEDULE

Botanical name	Hgt	Spg	Qty
----------------	-----	-----	-----



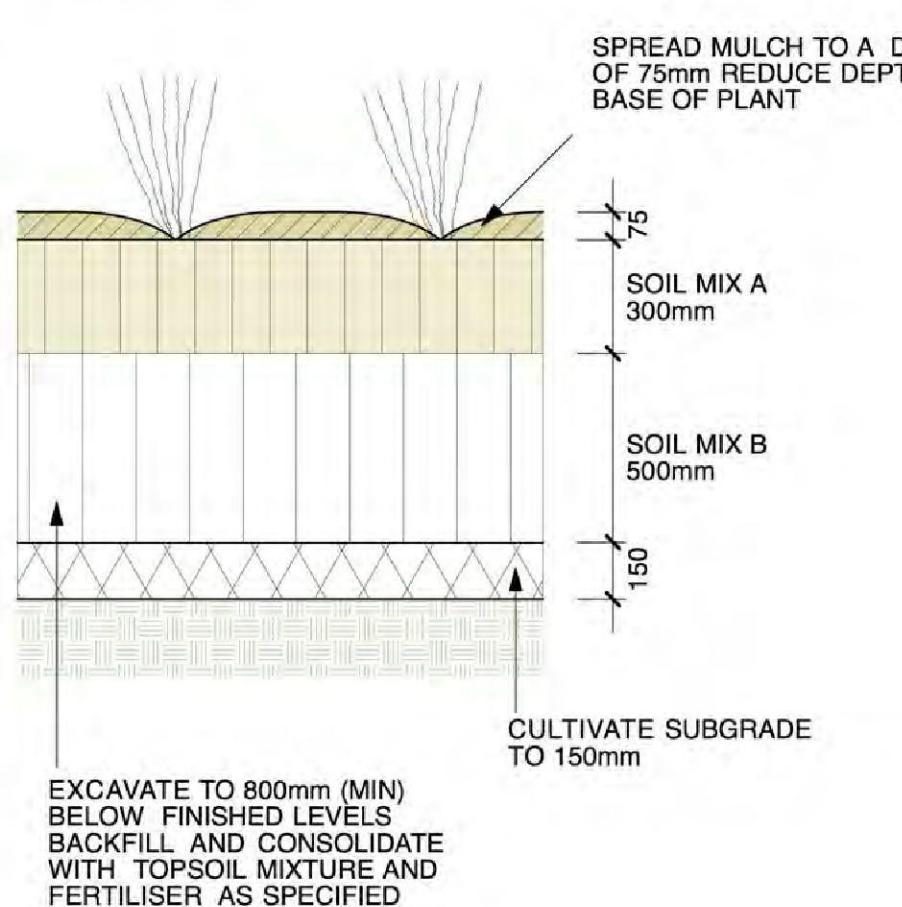
**A PLANTING MATRIX - MASSED NATIVE SHRUBS + GRASSES DETAIL**  
1:100@A1

1:100@A1



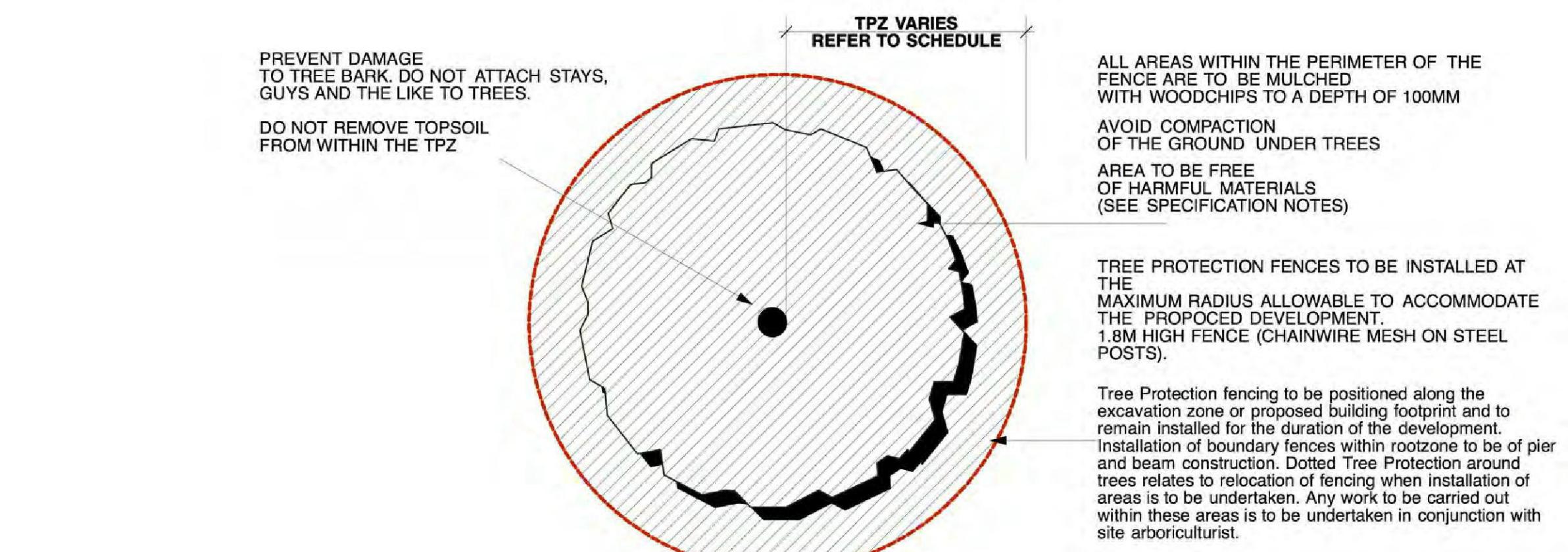
## **B** TREE PIT DETAIL

1-20@A1



## **D MASS PLANTING DETAIL**

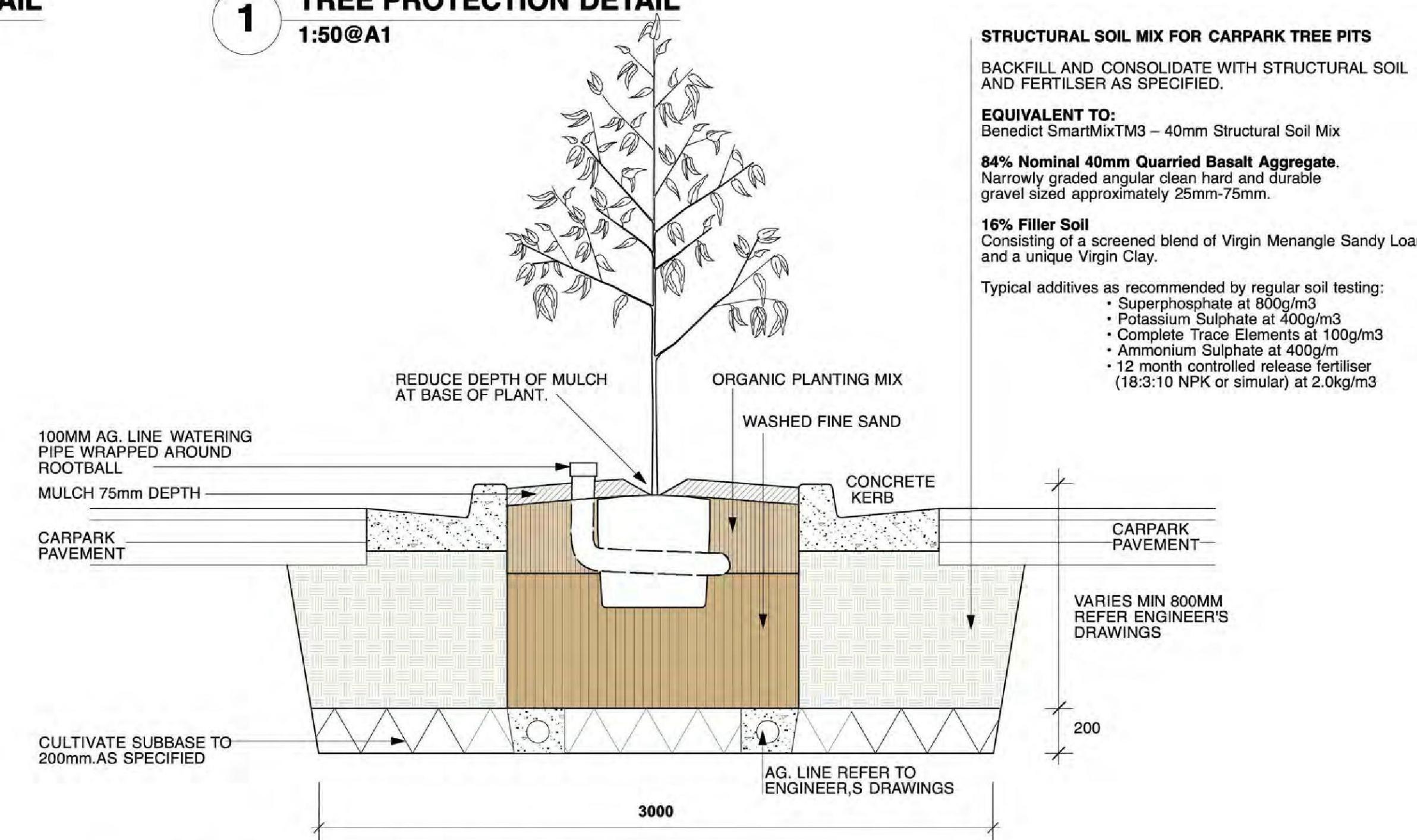
1:20@A1



# TREE PROTECTION DETAIL

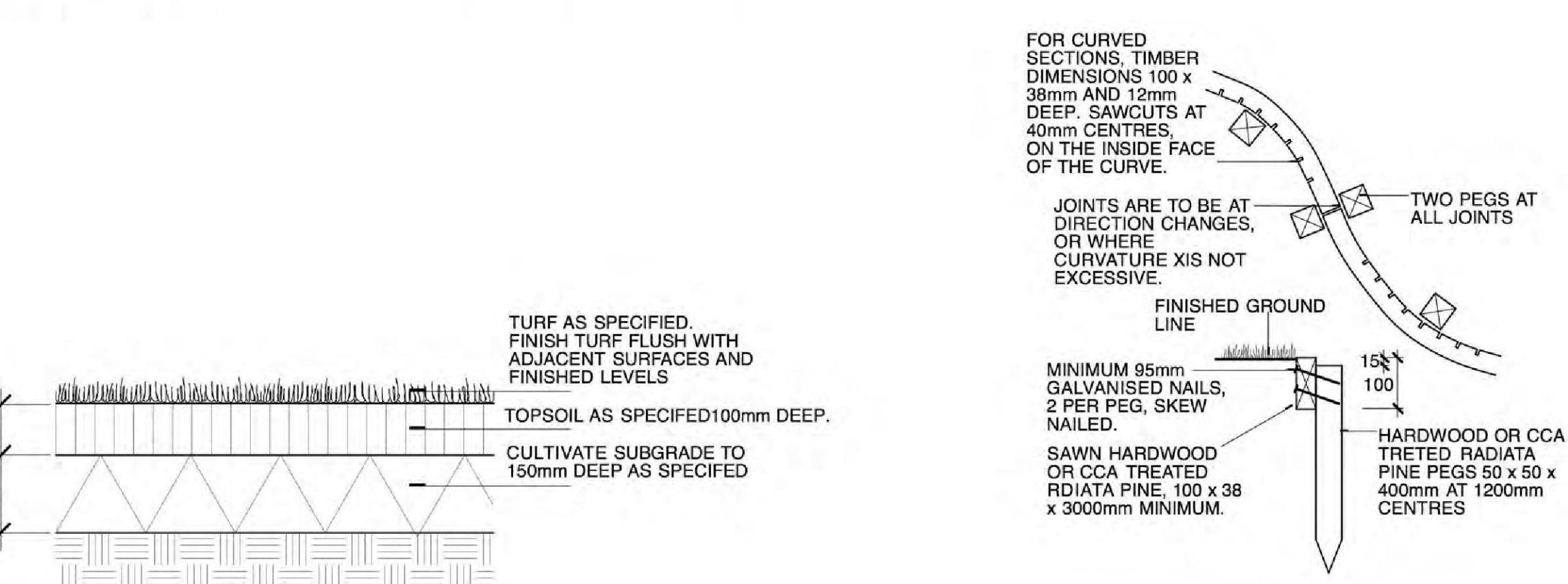
1:50@A1

1:50@A1



## **TREE PIT + MEDIAN IN CAR PARK DETAIL**

1-50@A1

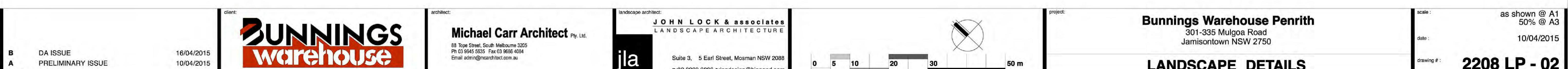


## **E TURF DETAIL**

1:10@A1

## **TIMBER EDGE DETAIL**

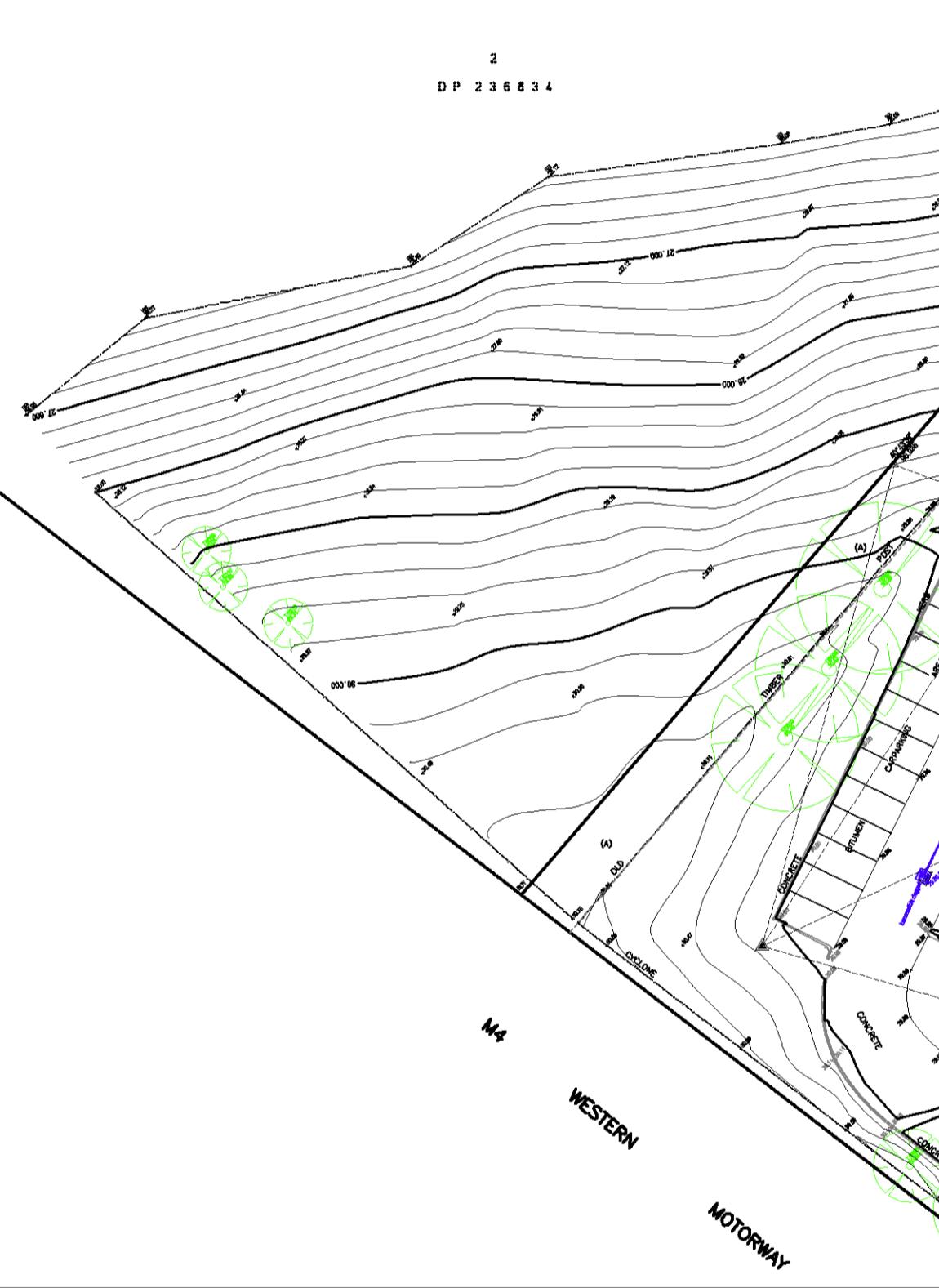
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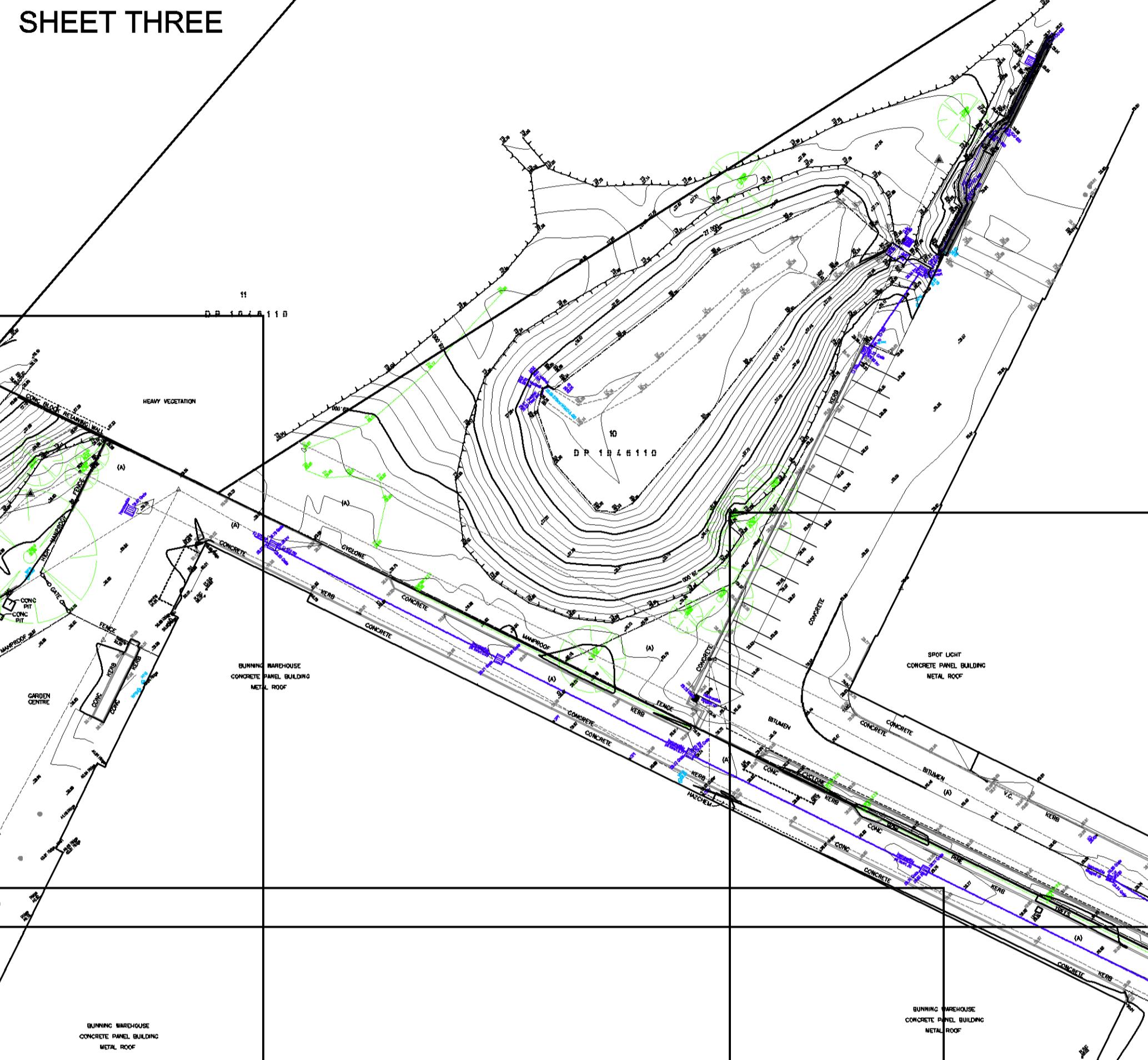
## NOTES

- \* BOUNDARY DIMENSIONS AND AREAS HAVE BEEN COMPILED FROM PLANS MADE AVAILABLE AT LPI NSW AND ARE SUBJECT TO FINAL SURVEY.
- \* CONTOURS IF SHOWN ARE AN INDICATION OF THE TOPOGRAPHY AND SHOULD ONLY BE USED FOR PLANNING PURPOSES. IF DETAILED DESIGN IS TO BE UNDERTAKEN, SPOT LEVELS SHOULD BE USED.
- \* DO NOT SCALE OFF THIS PLAN – RELATIONSHIP OF IMPROVEMENTS AND DETAIL TO BOUNDARIES IS DIAGRAMMATIC AND IF CRITICAL SHOULD BE CONFIRMED BY A BOUNDARY SURVEY.
- \* NO SERVICES SEARCH HAS BEEN UNDERTAKEN. SERVICES SHOWN ARE BASED ON SURFACE INDICATORS EVIDENT AT THE DATE OF SURVEY DURING FIELD SURVEY & CHARTED AS A GUIDE TO THE POSITION & NATURE OF THE SERVICE.
- \* THE POSITIONS OF ANY UNDERGROUND SERVICES, INCLUDING FIBRE OPTIC CABLE, HAVE NOT BEEN DETERMINED.
- \* NO "DIAL BEFORE YOU DIG" SEARCH HAS BEEN UNDERTAKEN. CONTACT "DIAL BEFORE YOU DIG" ON Ph: 1100 PRIOR TO COMMENCING WORK ON SITE.

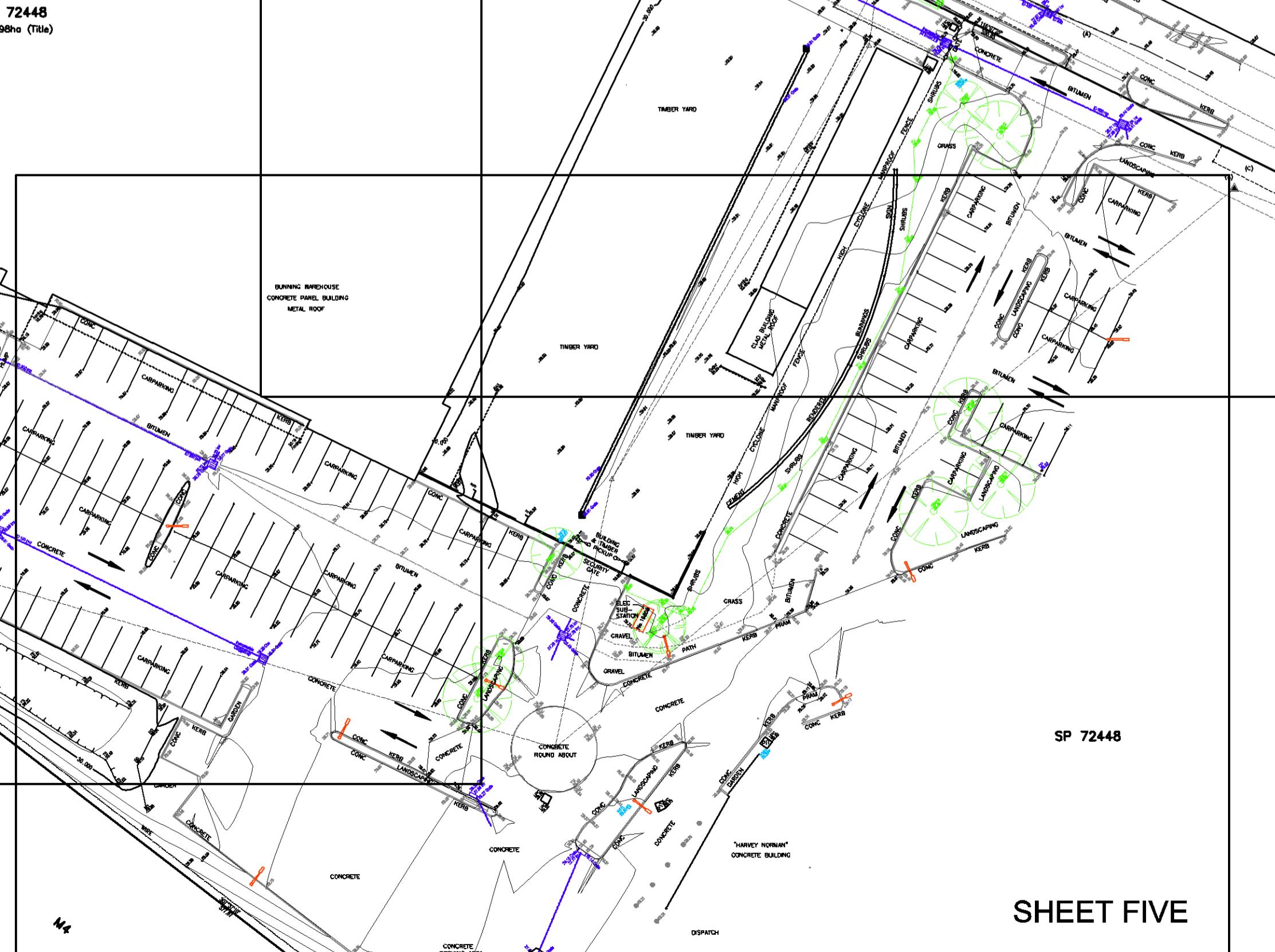
## SHEET TWO



## SHEET THREE



## SHEET FIVE



## SHEET SIX



CLIENT

**BUNNINGS GROUP  
LIMITED**

PROJECT

**DETAIL SURVEY  
OF  
LOT 322 IN DP 1037757  
(SP 72448)  
303 MULGOA ROAD  
PENRITH**

NOTES

The title boundaries shown herein were not marked at the time of survey and have been determined by plan dimensions only and not by field survey. Services shown herein have been located where possible by field survey. If not able to be so located, services have been plotted from the records of relevant authorities where available and have been noted accordingly on the plan. Where such records do not exist or are inadequate a notation has been made herein. 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.

A	LJMc	22/01/15	ISSUED FOR COMMENT
PPP/CF	LPL	DD/MM/YY	COMMENT

Symbols shown are indicative only. The symbol size and orientation does not necessarily represent the real size or orientation of the feature.



Sydney Office  
Level 2, 23-29 South Street  
Ryde NSW 2116  
PO Box 1144  
Dundas NSW 2117  
(02) 9685 2000  
(02) 9685 2001  
e sydney@landpartners.com.au  
w www.landpartners.com.au



HEIGHT DATUM	LOCAL AUTHORITY
AHD	PENRITH COUNCIL
HEIGHT ORIGIN	SCALE
SSM 32517 RL 30 813	N.T.S. (A1)
MERIDIAN	CONTOUR INTERVAL
56	0.2 Metre
CO-ORD SYSTEM	SURVEYOR
MGA	DATE OF SURVEY
73560	MF
CCAD FILE	DRAWN
73560	DATE
AUTOCAD FILE	CHECKED
73560	DATE
ARCHIVE FILE	APPROVED
73560	DATE
PLAN NUMBER	SY073560.000

BSI

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Sheet 1 of 6



## NOTES

- \* BOUNDARY DIMENSIONS AND AREAS HAVE BEEN COMPILED FROM PLANS MADE AVAILABLE AT LPI NSW AND ARE SUBJECT TO FINAL SURVEY.
- \* CONTOURS IF SHOWN ARE AN INDICATION OF THE TOPOGRAPHY AND SHOULD ONLY BE USED FOR PLANNING PURPOSES. IF DETAILED DESIGN IS TO BE UNDERTAKEN, SPOT LEVELS SHOULD BE USED.
- \* DO NOT SCALE OFF THIS PLAN - RELATIONSHIP OF IMPROVEMENTS AND DETAIL TO BOUNDARIES IS DIAGRAMMATIC AND IF CRITICAL SHOULD BE CONFIRMED BY A BOUNDARY SURVEY.
- \* NO SERVICES SEARCH HAS BEEN UNDERTAKEN. SERVICES SHOWN ARE BASED ON SURFACE INDICATORS EVIDENT AT THE DATE OF SURVEY DURING FIELD SURVEY & CHARTED AS A GUIDE TO THE POSITION & NATURE OF THE SERVICE.
- \* THE POSITIONS OF ANY UNDERGROUND SERVICES, INCLUDING FIBRE OPTIC CABLE, HAVE NOT BEEN DETERMINED.
- \* NO "DIAL BEFORE YOU DIG" SEARCH HAS BEEN UNDERTAKEN. CONTACT "DIAL BEFORE YOU DIG" ON Ph: 1100 PRIOR TO COMMENCING WORK ON SITE.

## NOTE:

THESE PLANS SHOULD BE READ IN CONJUNCTION WITH DIGITAL DATA ISSUED TO CLIENT. THE DIGITAL DATA CONTAINS NUMEROUS LAYERS OF INFORMATION WHICH ARE NOT SHOWN ON THESE PLANS FOR THE SAKE OF CLARITY.

- (A)-EASEMENT TO DRAIN WATER 5 WIDE (DP1037757)
- (B)-RIGHT OF CARRIAGeway VARIABLE WIDTH (DP1046110)
- (C)-RIGHT OF CARRIAGeway VARIABLE WIDTH (DP1167909)

5 0 5 10 15 20 METRES  
SCALE 1 : 200

CLIENT

**BUNNINGS GROUP  
LIMITED**

PROJECT

**DETAIL SURVEY  
OF  
LOT 322 IN DP 1037757  
(SP 72448)  
303 MULGOA ROAD  
PENRITH**

NOTES

The title boundaries shown herein were not marked at the time of survey and have been determined by plan dimensions only and not by field survey. Services shown herein have been located where possible by field survey. If not able to be located, services have been plotted from the records of relevant authorities where available and have been noted accordingly on the plan. Where such records do not exist or are inadequate a notation has been made herein. 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.

A LJMc 22/01/15 ISSUED FOR COMMENT  
PPP/CF LPL DD/MM/YY COMMENT

LEGEND

- △ Bench Mark
- State Survey Mark
- Traverse Station
- △ Drill Hole & Wing
- Borehole
- Sign
- Power Pole & Light
- Gate
- Unidentified Pit Ltd
- Unidentified Service
- Sewer Manhole Cover
- Sewer Lamphole
- Gully Pit Grate Centre
- Drainage Junction Manhole
- Tree
- Tree Shrub
- Water Meter
- Water Hydrant
- Water Stop Valve

Symbols shown are indicative only. The symbol size and orientation does not necessarily represent the real size or orientation of the feature.



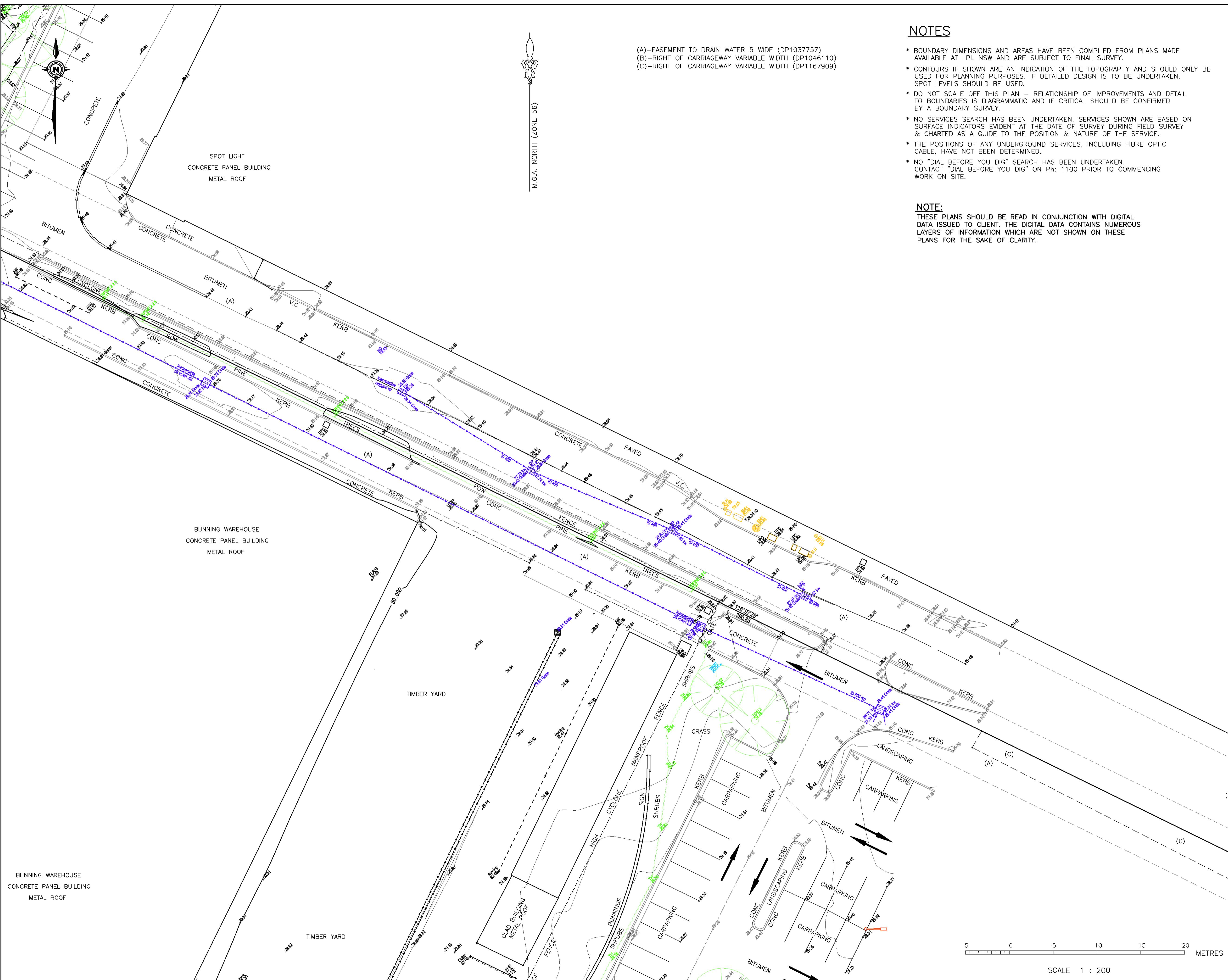
Sydney Office  
Level 2, 23-29 South Street  
Ryde/Alme NSW 2116  
PO Box 1144  
Dundas NSW 2117

(02) 9685 2000  
(02) 9685 2001  
e sydney@landpartners.com.au  
w www.landpartners.com.au



HEIGHT DATUM	LOCAL AUTHORITY
AHD	PENRITH COUNCIL
HEIGHT ORIGIN	SCALE
SSM 32517 RL 30.813	1:200 (A1)
MERIDIAN	CONTOUR INTERVAL
56	0.2 Metre
CO-ORD SYSTEM	SURVEYOR
MGA	DATE OF SURVEY
73560	MF
ACAD FILE	DRAWN
73560	DATE
AUTOCAD FILE	CHECKED
73560	DATE
ARCHIVE FILE	APPROVED
73560	DATE
PLAN NUMBER	SY073560.000

3 OF 6



## NOTES

- \* BOUNDARY DIMENSIONS AND AREAS HAVE BEEN COMPILED FROM PLANS MADE AVAILABLE AT LPI. NSW AND ARE SUBJECT TO FINAL SURVEY.
- \* CONTOURS IF SHOWN ARE AN INDICATION OF THE TOPOGRAPHY AND SHOULD ONLY BE USED FOR PLANNING PURPOSES. IF DETAILED DESIGN IS TO BE UNDERTAKEN, SPOT LEVELS SHOULD BE USED.
- \* DO NOT SCALE OFF THIS PLAN – RELATIONSHIP OF IMPROVEMENTS AND DETAIL TO BOUNDARIES IS DIAGRAMMATIC AND IF CRITICAL SHOULD BE CONFIRMED BY A BOUNDARY SURVEY.
- \* NO SERVICES SEARCH HAS BEEN UNDERTAKEN. SERVICES SHOWN ARE BASED ON SURFACE INDICATORS EVIDENT AT THE DATE OF SURVEY DURING FIELD SURVEY & CHARTED AS A GUIDE TO THE POSITION & NATURE OF THE SERVICE.
- \* THE POSITIONS OF ANY UNDERGROUND SERVICES, INCLUDING FIBRE OPTIC CABLE, HAVE NOT BEEN DETERMINED.
- \* NO "DIAL BEFORE YOU DIG" SEARCH HAS BEEN UNDERTAKEN. CONTACT "DIAL BEFORE YOU DIG" ON Ph: 1100 PRIOR TO COMMENCING WORK ON SITE.

11

# BUNNINGS GROUP LIMITED

## PROJECT

## DETAIL SURVEY

OF  
OT 322 IN DP 1037757  
(SP 72448)

303 MULGOA ROAD  
PENRITH

## NOTES

The title boundaries shown hereon were not marked at the time of survey and have been determined by plan dimensions only and not by field survey.

Services shown hereon have been located where possible by field survey. If not able to be so located, services have been plotted from the records of relevant authorities where available and have been noted accordingly on the plan. Where such records do not exist or are inadequate a notation has been made hereon.

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.

NOT

THESE PLANS SHOULD BE READ IN CONJUNCTION WITH DIGITAL DATA ISSUED TO CLIENT. THE DIGITAL DATA CONTAINS NUMEROUS LAYERS OF INFORMATION WHICH ARE NOT SHOWN ON THESE PLANS FOR THE SAKE OF CLARITY.

A	LJMc	22/01/15	ISSUED FOR COMMENT
PPP/CF	LPL	DD/MM/YY	COMMENT

ND

Symbols shown are indicative only. The symbol size and orientation does not necessarily represent the real size or orientation of the feature.



**Sydney Office**  
 Level 2, 23-29 South Street      **t** (02) 9685 2000  
 Rydalmerle NSW 2116      **f** (02) 9685 2001  
 PO Box 1144      **e** [sydney@landpartners.com.au](mailto:sydney@landpartners.com.au)  
 Rydalmerle NSW 2117



Dundas NSW 2117	www.landpartners.com.au	FS 535063
HEIGHT DATUM AHD	LOCAL AUTHORITY PENRITH COUNCIL	

HEIGHT ORIGIN SSM 32517 RL 30.813	SCALE 1:200 (A1)
MERIDIAN	CONTOUR INTERVAL

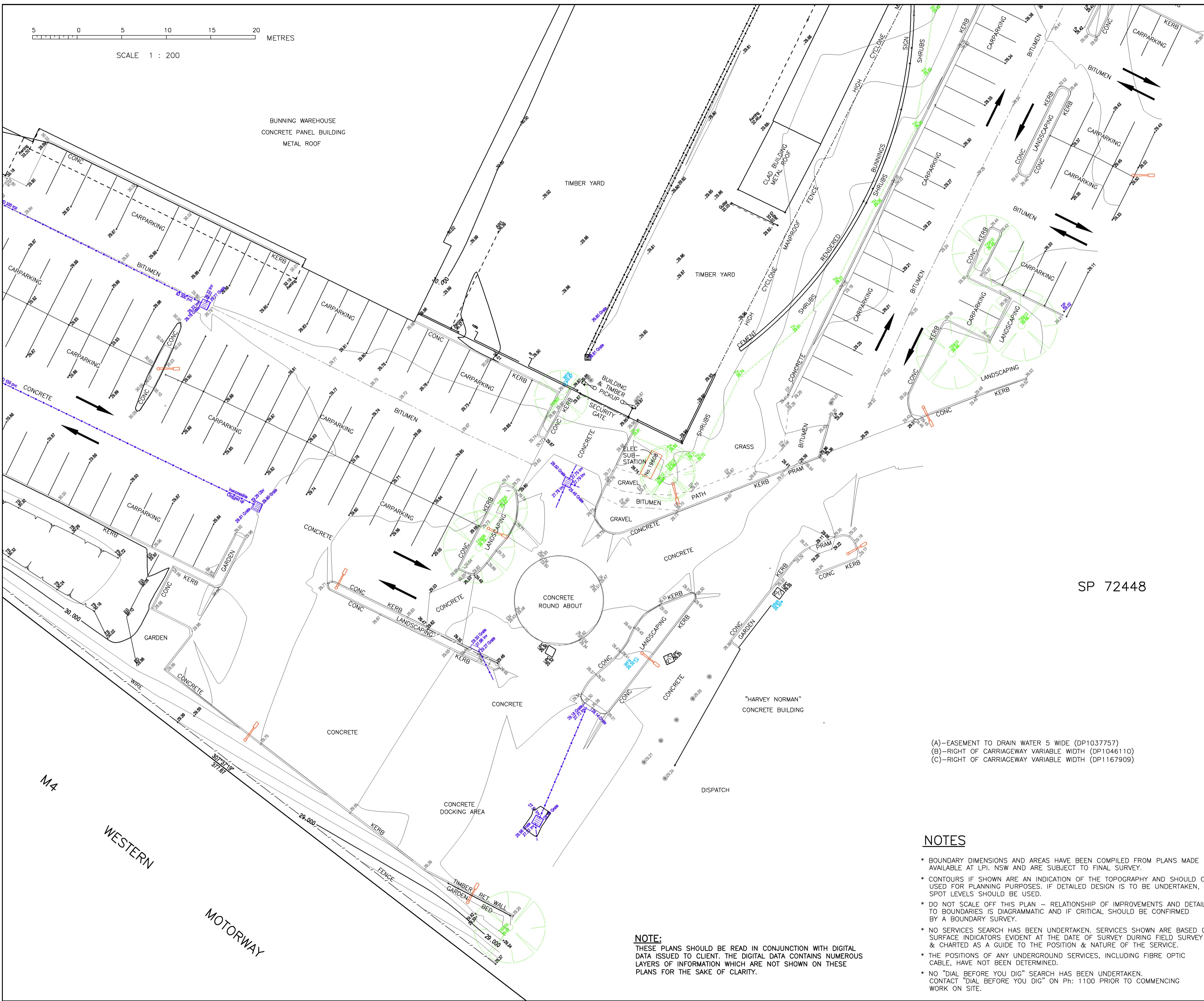
56	0.2 Metre
CO-ORD SYSTEM	SURVEYOR
MGA	MF

<b>CCAD FILE</b>	<b>DRAWN</b>	<b>DATE</b>
73560	LJMc	22/01/15
<b>AUTOCAD FILE</b>	<b>CHECKED</b>	<b>DATE</b>

<b>AUTOCAD FILE</b> 73560	<b>CHECKED</b> M	<b>DATE</b> 22/01/15
<b>ARCHIVE FILE</b> 73560	<b>APPROVED</b> CKD	<b>DATE</b> 22/01/15

73560	GRU	22/01/15
<b>PLAN NUMBER</b>		
<b>SY073560.000</b>		

SY073560.000



CLIENT

BUNNINGS GROUP LIMITED

PROJECT  
DETAIL SURVEY  
OF  
LOT 322 IN DP 1037757  
(SP 72448)  
303 MULGOA ROAD  
PENRITH

M.G.A. NORTH (ZONE 56)

NOTES

The site boundaries shown herein were not marked at the time of survey and have been determined by plan dimensions only and not by field survey. Services shown herein have been located where possible by field survey. If not able to be so located, services have been plotted from the records of relevant authorities where available and have been noted accordingly on the plan. Where such records do not exist or are inadequate a notation has been made herein. 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.

A LJM 22/01/15 ISSUED FOR COMMENT  
PPP/CF LPL DD/MM/YY COMMENT

LEGEND

- Bench Mark
- State Survey Mark
- Traverse Station
- Drill Hole & Wing
- Borehole
- Sign
- Power Pole & Light
- Gate
- Unidentified P/Ltd
- Unidentified Service
- Sewer Manhole Cover
- Sewer Lamphole
- Gully Pit Grate Centre
- Drainage Junction Manhole
- T=Tree 054x0.5m Diameter Of Trunk 05x0.5m High
- Tree Shrub
- Water Meter
- Water Hydrant
- Water Stop Valve

Symbols shown are indicative only. The symbol size and orientation does not necessarily represent the real size or orientation of the feature.

LANDPARTNERS built environment consultants

Sydney Office  
Level 2, 23-29 South Street  
Ryde NSW 2116  
PO Box 1144  
Dundas NSW 2117  
(02) 9885 2000  
(02) 9885 2001  
e sydney@landpartners.com.au  
w www.landpartners.com.au  
ISO 9001:2008  
FS 535063

HEIGHT DATUM  
AHD

HEIGHT ORIGIN  
SSM 32517 RL 30.813

MERIDIAN  
56

CO-ORD SYSTEM  
MGA

CCAD FILE  
73560

AUTOCAD FILE  
73560

ARCHIVE FILE  
73560

PLAN NUMBER  
SY073560.000

LOCAL AUTHORITY  
PENRITH COUNCIL

SCALE  
1:200 (A1)

CONTOUR INTERVAL  
0.2 Metre

SURVEYOR  
MF  
DATE OF SURVEY  
22/01/15

DRAWN  
LJM  
DATE  
22/01/15

CHECKED  
M  
DATE  
22/01/15

APPROVED  
GKO  
DATE  
22/01/15

BSI  
ISO 9001:2008  
FS 535063

HEIGHT DATUM  
AHD

HEIGHT ORIGIN  
SSM 32517 RL 30.813

MERIDIAN  
56

CO-ORD SYSTEM  
MGA

CCAD FILE  
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73560

ARCHIVE FILE  
73560

PLAN NUMBER  
SY073560.000

SY073560.000

HEET 5 OF 6  
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