

CLIENT			
CADENCE PROPERT GROUP			
PROJECT			
DETAIL SURVEY OF LOT 20 IN DP1216618 ANDREWS ROAD, PENRITH			
NOTES			
<p>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.</p> <p>Services shown hereon have been located where possible by field survey. If not able to be so located, services have been plotted according to 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.</p> <p>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.</p>			
A	GKO	30/08/2018	CLIENT ISSUE
PPP/CF	LPL	DD/MM/YY	COMMENT
SYM	CODE	DESCRIPTION	SYM
○	BIN	BIN	○
△	BM	BENCH MARK	○
●	BO	BOLLARD	○
□	DJM	DRAINAGE MANHOLE	○
⊗	EFP	ELEC FUSE BOX	○
⊗	ELP	ELEC GARDEN LIGHT	○
⊗	EL	ELEC GREEN PILLAR	○
⊗	LP	ELEC LIGHT POLE	○
⊗	EP	ELEC SINGLE PIT	○
⊗	SPL	ELEC STAY POLE	○
⊗	PP	ELEC POWER POLE	○
⊗	ELP	ELEC POLE/LIGHT	○
⊗	TRANS	ELE POLE/TRANSFORM	○
●	FD	FUEL DIP	○
■	GM	GAS MAIN	○
■	GMR	GAS METER	○
■	GAS	GAS VALVE	○
→	AG	GATE	○
○	GUL	GULLY PIT	○
○	HYD	HYDRANT	○
○	BOH	BOREHOLE	○
○	OFM	OPTICAL FIBRE MARKER	○
○	OFPP	OPTICAL FIBRE PIT	○
○	TM	PALM TREE	○
○	SE	SEAT	○
○	TS	SHRUB	○
○	TCA	TELSTRA PIT	○
○	SLH	SEWER LAMP HOLE	○
○	SMH	SEWER MANHOLE	○
○	SVP	SEWER VENT PIPE	○
○	SI	SIGN	○
○	BS	BUS STOP SIGN	○
○	T	TREE	○
○	SGL	TRAFFIC LIGHT	○
○	SCL	TRAFFIC CONTROLLER	○
○	SJX	TRAFFIC JUNCTION BOX	○
○	US	UNKNOWN SERVICE	○
○	WAV	WATER AIR VALVE	○
○	WMR	WATER METER	○
○	WEP	WATER PUMP	○
○	WSV	WATER STOP VALVE	○
○	WTP	WATER TAP	○
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DRAINAGE PIPE U/G	---		
DRAIN	---		
ELECT. CABLE A/G	---		
ELECT. CABLE U/G	---		
GAS PIPE	---		
FENCE LINE	---		
SEWERAGE PIPE	---		
TELSTRA CABLE	---		
WATER PIPE	---		
<p>LANDPARTNERS built environment consultants</p> <p>Sydney Office Level 2, 23-29 South Street Hydralmere NSW 2116 PO Box 1144 Dundas NSW 2117</p> <p>(02) 9685 2000 info@landpartners.com.au www.landpartners.com.au</p> <p>ISO 9001:2008 FS 53063</p>			
HEIGHT DATUM	AHD	LOCAL AUTHORITY	PENRITH COUNCIL
HEIGHT ORIGIN	PM20631 RL 26.514	SCALE	1:1500 (A1)
MERIDIAN	ZONE 56	CONTOUR INTERVAL	0.5 Metre
CO-ORD SYSTEM	MGA	SURVEYOR	DATE OF SURVEY
OCAD FILE	SY074503.000	DRAWN	DATE
AUTOCAD FILE	SY074503.	CHECKED	DATE
ARCHIVE FILE	SY074503.	APPROVED	DATE
PLAN NUMBER	SY074503.000	SHEET	1 OF 9
		REVISION	A

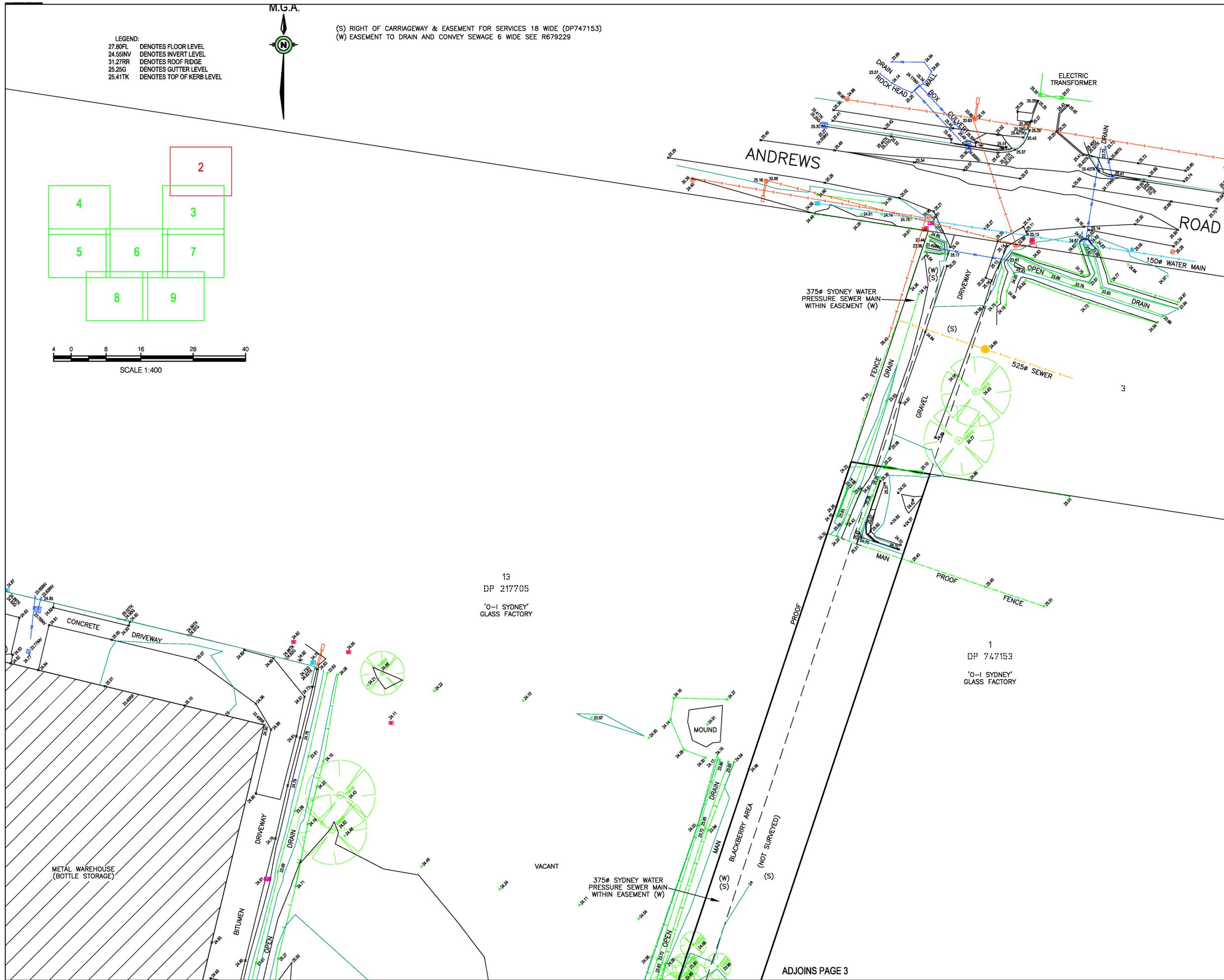
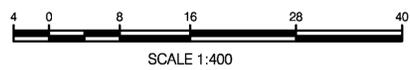
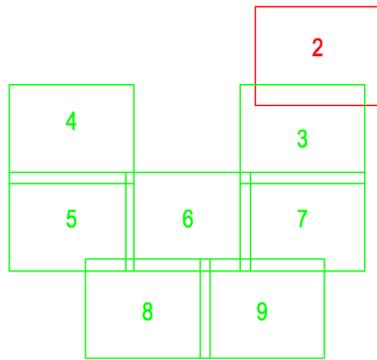
- (A) EASEMENT TO DRAIN WATER 3.7, 5 & VARIABLE WIDTH (DP1236071)
- (B) EASEMENT TO DRAIN WATER 3 WIDE (DP1122705)
- (C) EASEMENT TO DRAIN WATER 2 WIDE (DP787827)
- (D) RIGHT OF CARRIAGEWAY & EASEMENT FOR SERVICES 7 WIDE & VARIABLE (DP1148504)
- (S) RIGHT OF CARRIAGEWAY & EASEMENT FOR SERVICES 18 WIDE (DP747153)
- (W) EASEMENT TO DRAIN AND CONVEY SEWAGE 6 WIDE SEE R679229
- (Y) EASEMENT FOR TRANSMISSION LINE 15.24 WIDE (SEE J303766)





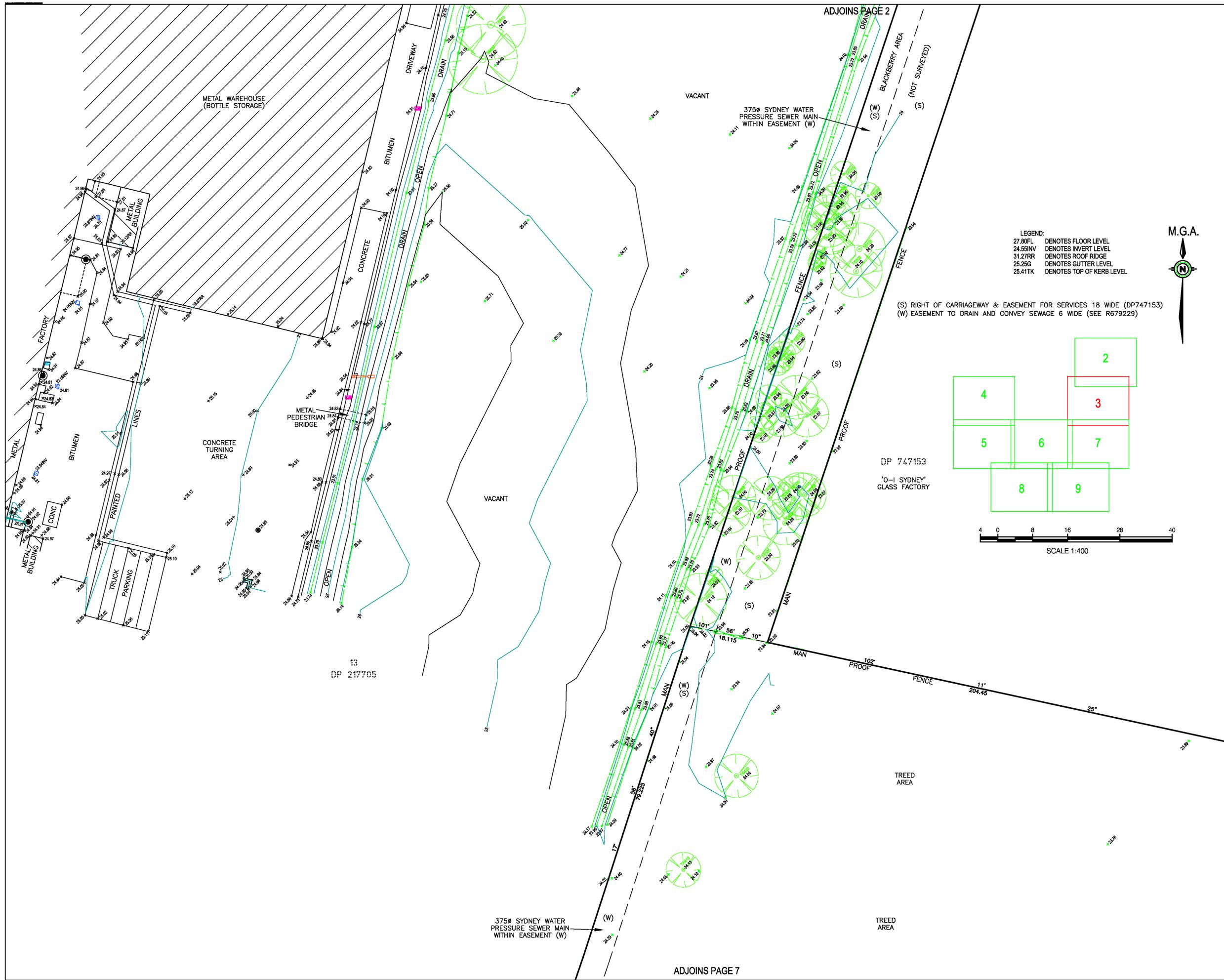
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 27.80FL DENOTES FLOOR LEVEL
 24.55INV DENOTES INVERT LEVEL
 31.27RR DENOTES ROOF RIDGE
 25.25G DENOTES GUTTER LEVEL
 25.41TK DENOTES TOP OF KERB LEVEL

(S) RIGHT OF CARRIAGEWAY & EASEMENT FOR SERVICES 18 WIDE (DP747153)
 (W) EASEMENT TO DRAIN AND CONVEY SEWAGE 6 WIDE SEE R679229

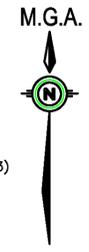


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PPP/CF	LPL	DD/MM/YY	COMMENT		
SYM	CODE	DESCRIPTION	SYM CODE DESCRIPTION		
○	BIN	BIN	○	OFM	OPTICAL FIBRE MARKER
△	BM	BENCH MARK	□	OFP	OPTICAL FIBRE PIT
●	BO	BOLLARD	○	OTF	OPTICAL FIBRE TREE
■	DJM	DRAINAGE MANHOLE	○	TM	PALM TREE
□	EFP	ELEC FUSE BOX	○	SE	SEAT
★	ELP	ELEC GARDEN LIGHT	○	TS	SHRUB
○	EL	ELEC GREEN PILLAR	○	TCA	TELSTRA PIT
○	LP	ELEC LIGHT POLE	○	SLH	SEWER LAMP HOLE
○	EP	ELEC SINGLE PIT	○	SMH	SEWER MANHOLE
○	SPL	ELEC STAY POLE	○	SVP	SEWER VENT PIPE
○	PP	ELEC POWER POLE	○	SI	SIGN
○	ELP	ELEC POLE LIGHT	○	BS	BUS STOP SIGN
○	TRANS	ELEC POLE/TRANSFORM	○	SGL	TRAFFIC LIGHT
○	FD	FUEL DIP	○	SCL	TRAFFIC CONTROLLER
○	GM	GAS MAIN	○	SJX	TRAFFIC JUNCTION BOX
○	GMR	GAS METER	○	US	UNKNOWN SERVICE
○	GAS	GAS VALVE	○	WAV	WATER AIR VALVE
○	AG	GATE	○	WMR	WATER METER
○	GUL	GULLY PIT	○	WEP	WATER PUMP
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○	BOR	BORHOLE	○	WTP	WATER TAP
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DRAINAGE PIPE U/G	---	---	---		
DRAIN	---	---	---		
ELECT. CABLE A/G	---	---	---		
ELECT. CABLE U/G	---	---	---		
GAS PIPE	---	---	---		
FENCE LINE	---	---	---		
SEWERAGE PIPE	---	---	---		
TELSTRA CABLE	---	---	---		
WATER PIPE	---	---	---		
Sydney Office Level 2, 23-29 South Street Rydalmere NSW 2116 PO Box 1144 Dundas NSW 2117 (02) 9685 2000 info@landpartners.com.au www.landpartners.com.au ISO 9001:2008 FS 53063					
HEIGHT DATUM	AHD	LOCAL AUTHORITY	PENRITH COUNCIL		
HEIGHT ORIGIN	PM20631 RL 26.514	SCALE	1:400 (A1)		
MERIDIAN	ZONE 56	CONTOUR INTERVAL	0.5 Metre		
CO-ORD SYSTEM	MGA	SURVEYOR	BB		
DATE OF SURVEY	27/08/2018	DATE	5/09/2018		
OCAD FILE	SY074503.000	DRAWN	TF		
AUTOCAD FILE	SY074503.	CHECKED	BB		
ARCHIVE FILE	SY074503.	APPROVED	GKO		
PLAN NUMBER	SY074503.000	SHEET	2 OF 9		
REVISION	A	DATE	30/08/2018		
DATE	30/08/2018	DATE	30/08/2018		
DATE	30/08/2018	DATE	30/08/2018		

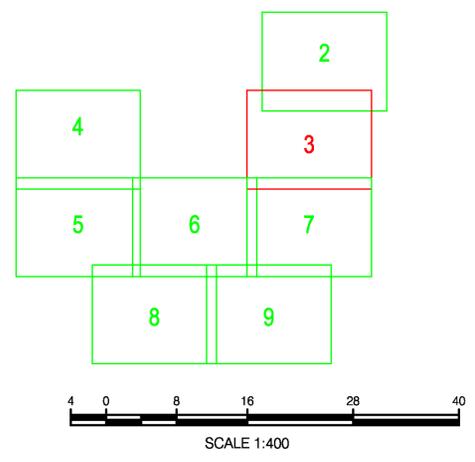
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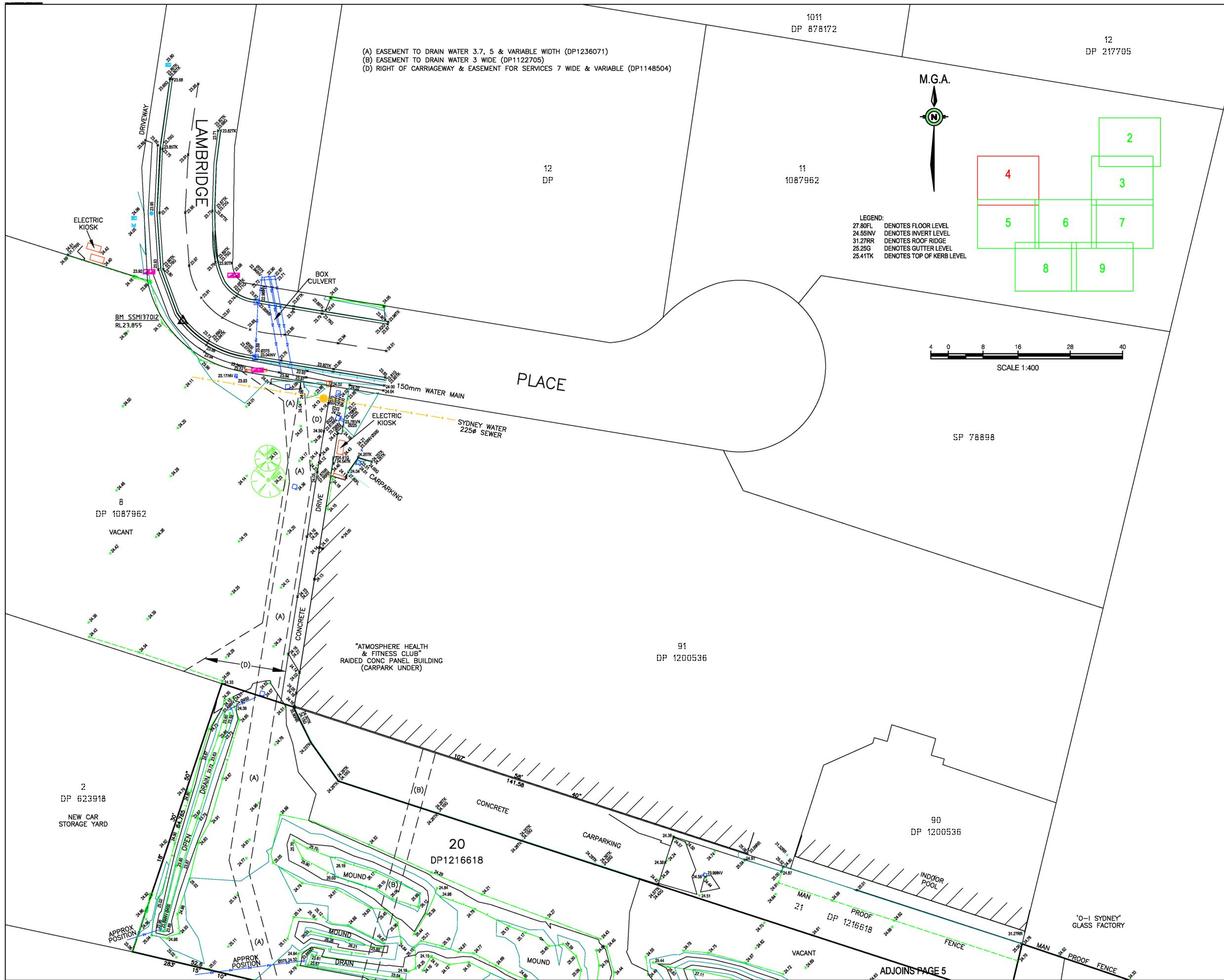
LEGEND:
 27.80FL DENOTES FLOOR LEVEL
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 25.25G DENOTES GUTTER LEVEL
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(S) RIGHT OF CARRIAGEWAY & EASEMENT FOR SERVICES 18 WIDE (DP747153)
 (W) EASEMENT TO DRAIN AND CONVEY SEWAGE 6 WIDE (SEE R679229)



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PPP/CF	LPL	DD/MM/YY	COMMENT
SYM CODE DESCRIPTION		SYM CODE DESCRIPTION	
○ BIN	BIN	○ OFM	OPTICAL FIBRE MARKER
△ BM	BENCH MARK	○ OFP	OPTICAL FIBRE PIT
● BO	BOLLARD	○ TM	PALM TREE
■ DJM	DRAINAGE MANHOLE	○ SE	SEAT
⊗ EFP	ELEC FUSE BOX	○ TS	SHRUB
⊗ ELP	ELEC GARDEN LIGHT	○ TCA	TELSTRA PIT
○ EL	ELEC GREEN PILLAR	○ SLH	SEWER LAMP HOLE
○ LP	ELEC LIGHT POLE	○ SMH	SEWER MANHOLE
○ EP	ELEC SINGLE PIT	○ SVP	SEWER VENT PIPE
○ SPL	ELEC STAY POLE	○ SI	SIGN
○ PP	ELEC POWER POLE	○ BUS	BUS STOP SIGN
○ ELP	ELEC POLE/LIGHT	○ T	TREE
○ TRNS	ELE POLE/TRANSFORM	○ SGL	TRAFFIC LIGHT
○ FD	FUEL DIP	○ SCL	TRAFFIC CONTROLLER
○ GM	GAS MAIN	○ SJX	TRAFFIC JUNCTION BOX
○ GMR	GAS METER	○ US	UNKNOWN SERVICE
○ GAS	GAS VALVE	○ WAV	WATER AIR VALVE
○ AG	GATE	○ WMR	WATER METER
○ GUL	GULLY PIT	○ WEP	WATER PUMP
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GAS PIPE		---	
FENCE LINE		---	
SEWERAGE PIPE		---	
TELSTRA CABLE		---	
WATER PIPE		---	
Sydney Office Level 2, 23-29 South Street Rydalmere NSW 2116 PO Box 1144 Dundas NSW 2117 (02) 9685 2000 info@landpartners.com.au www.landpartners.com.au 			
HEIGHT DATUM		LOCAL AUTHORITY	
AHD		PENRITH COUNCIL	
HEIGHT ORIGIN		SCALE	
PM20631 RL 26.514		1:400 (A1)	
MERIDIAN		CONTOUR INTERVAL	
ZONE 56		0.5 Metre	
CO-ORD SYSTEM		SURVEYOR	
MGA		BB	
		DATE OF SURVEY	
		27/08/2018	
OCAD FILE		DRAWN	
SY074503.000		TF	
		DATE	
		5/09/2018	
AUTOCAD FILE		CHECKED	
SY074503.		BB	
		DATE	
		30/08/2018	
ARCHIVE FILE		APPROVED	
SY074503.		GKO	
		DATE	
		30/08/2018	
PLAN NUMBER		SHEET	
SY074503.000		3 OF 9	
		REVISION	
		A	

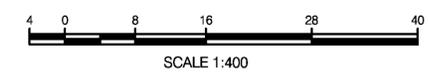
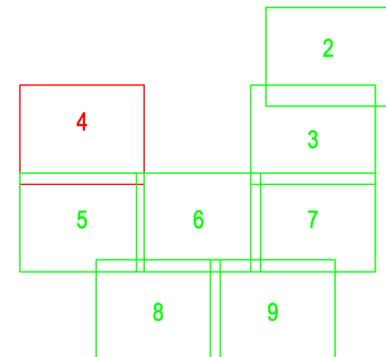


(A) EASEMENT TO DRAIN WATER 3.7, 5 & VARIABLE WIDTH (DP1236071)
 (B) EASEMENT TO DRAIN WATER 3 WIDE (DP1122705)
 (D) RIGHT OF CARRIAGEWAY & EASEMENT FOR SERVICES 7 WIDE & VARIABLE (DP1148504)

M.G.A.



LEGEND:
 27.80FL DENOTES FLOOR LEVEL
 24.55INV DENOTES INVERT LEVEL
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PPP/CF	LPL	DD/MM/YY	COMMENT
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● EL	ELEC GREEN PILLAR	● SMH	SEWER MANHOLE
● LP	ELEC LIGHT POLE	● SVP	SEWER VENT PIPE
● EP	ELEC SINGLE PIT	● SI	SIGN
● SPL	ELEC STAY POLE	● BUS	BUS STOP SIGN
● PP	ELEC POWER POLE	● T	TREE
● SPL	ELEC STAY POLE	● SGL	TRAFFIC LIGHT
● TRANS	ELEC POLE/TRANSFORM	● SCL	TRAFFIC CONTROLLER
● FD	FUEL DISP	● SJX	TRAFFIC JUNCTION BOX
● GM	GAS MAIN	● US	UNKNOWN SERVICE
● GMR	GAS METER	● WAV	WATER AIR VALVE
● GAS	GAS VALVE	● WMR	WATER METER
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DRAINAGE PIPE U/G		DRAIN	
ELECT. CABLE A/G		ELECT. CABLE U/G	
GAS PIPE		FENCE LINE	
SEWERAGE PIPE		TELSTRA CABLE	
WATER PIPE			
Sydney Office Level 2, 23-29 South Street Rydalmere NSW 2116 PO Box 1144 Dundas NSW 2117 (02) 9685 2000 info@landpartners.com.au www.landpartners.com.au 			
HEIGHT DATUM AHD		LOCAL AUTHORITY PENRITH COUNCIL	
HEIGHT ORIGIN PM20631 RL 26.514		SCALE 1:400 (A1)	
MERIDIAN ZONE 56		CONTOUR INTERVAL 0.5 Metre	
CO-ORD SYSTEM MGA		SURVEYOR BB	
OCAD FILE SY074503.000		DATE OF SURVEY 27/08/2018	
AUTOCAD FILE SY074503		DRAWN TF	
ARCHIVE FILE SY074503		DATE 5/09/2018	
PLAN NUMBER SY074503.000		CHECKED BB	
SHEET 4 OF 9		DATE 30/08/2018	
REVISION A		APPROVED GKO	
		DATE 30/08/2018	

ADJOINS PAGE 4

CLIENT
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PPP/CF	LPL	DD/MM/YY	COMMENT
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SYM	CODE	DESCRIPTION	SYM	CODE	DESCRIPTION
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DRAIN	— — — — —
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ELECT. CABLE U/G	— — — — —
GAS PIPE	— — — — —
FENCE LINE	— — — — —
SEWERAGE PIPE	— — — — —
TELSTRA CABLE	— — — — —
WATER PIPE	— — — — —



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PO Box 1144
Dundas NSW 2117

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info@landpartners.com.au
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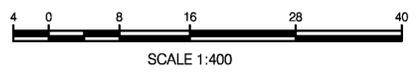
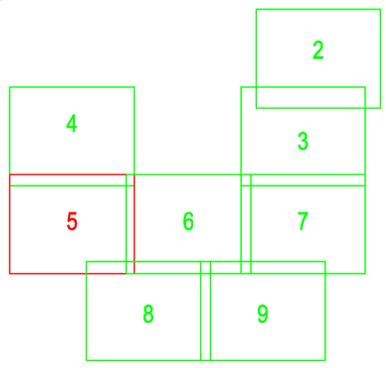
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FS 53063

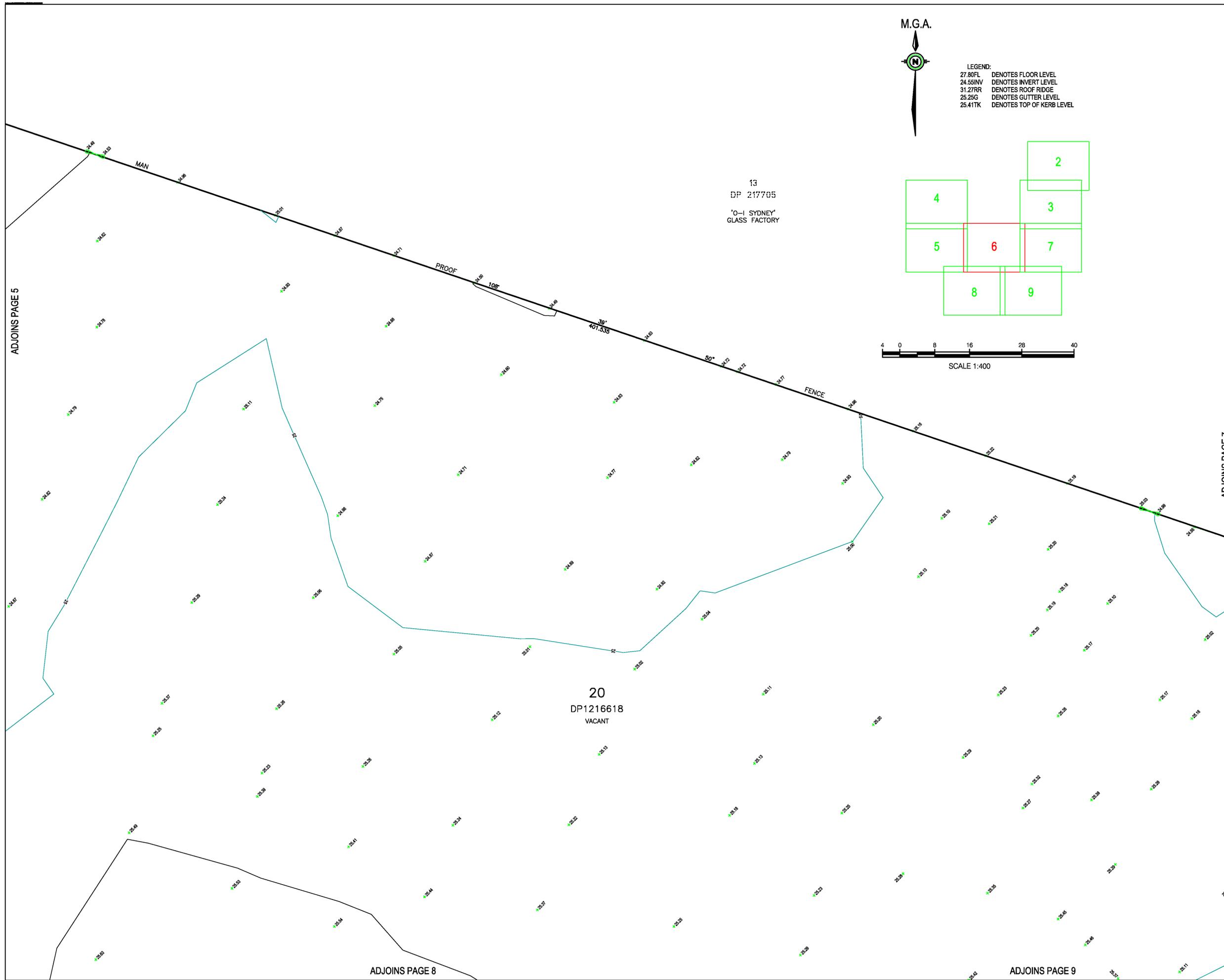
HEIGHT DATUM AHD	LOCAL AUTHORITY PENRITH COUNCIL
HEIGHT ORIGIN PM20631 RL 26.514	SCALE 1:400 (A1)
MERIDIAN ZONE 56	CONTOUR INTERVAL 0.5 Metre
CO-ORD SYSTEM MGA	SURVEYOR BB
DATE OF SURVEY 27/08/2018	
CCAD FILE SY074503.000	DRAWN TF
DATE 5/09/2018	
AUTOCAD FILE SY074503.	CHECKED BB
DATE 30/08/2018	
ARCHIVE FILE SY074503.	APPROVED GKO
DATE 30/08/2018	
PLAN NUMBER SY074503.000	SHEET 5 OF 9
REVISION A	



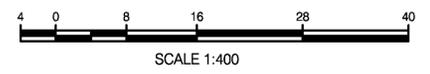
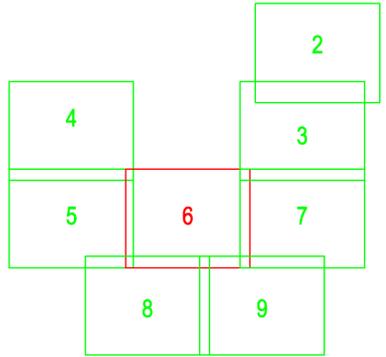
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PPP/CF	LPL	DD/MM/YY	COMMENT

SYM	CODE	DESCRIPTION	SYM	CODE	DESCRIPTION
○	BN	BIN	○	OFM	OPTICAL FIBRE MARKER
△	BM	BENCH MARK	□	OFPP	OPTICAL FIBRE PIT
●	BO	BOLLARD	○	TM	PALM TREE
■	DJM	DRAINAGE MANHOLE	○	SE	SEAT
⊗	EFP	ELEC FUSE BOX	○	TS	SHRUB
⊗	ELP	ELEC GARDEN LIGHT	○	TCA	TELSTRA PIT
⊗	EL	ELEC GREEN PILLAR	○	SLH	SEWER LAMP HOLE
⊗	LP	ELEC LIGHT POLE	○	SMH	SEWER MANHOLE
⊗	EP	ELEC SINGLE PIT	○	SVP	SEWER VENT PIPE
○	SPL	ELEC STAY POLE	⊗	SI	SIGN
⊗	PP	ELEC POWER POLE	⊗	BS	BUS STOP SIGN
⊗	ELP	ELEC POLE/LIGHT	⊗	SL	TRAFFIC LIGHT
⊗	TRANS	ELEC POLE/TRANSFORM	⊗	SCL	TRAFFIC CONTROLLER
●	FD	FUEL DIP	⊗	SJX	TRAFFIC JUNCTION BOX
■	GM	GAS MAIN	⊗	US	UNKNOWN SERVICE
■	GMR	GAS METER	⊗	WAV	WATER AIR VALVE
■	GAS	GAS VALVE	⊗	WAV	WATER AIR VALVE
○	AG	GATE	⊗	WMR	WATER METER
○	GUL	GULLY PIT	⊗	WEP	WATER PUMP
○	HYD	HYDRANT	⊗	WSV	WATER STOP VALVE
○	BOR	BORHOLE	⊗	WTP	WATER TAP

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

DRAINAGE PIPE U/G	—
DRAIN	—
ELECT. CABLE A/G	—
ELEC. CABLE U/G	—
GAS PIPE	—
FENCE LINE	—
SEWERAGE PIPE	—
TELSTRA CABLE	—
WATER PIPE	—

20
DP1216618
VACANT

ADJOINS PAGE 5
ADJOINS PAGE 7
ADJOINS PAGE 8
ADJOINS PAGE 9

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FS 53063

HEIGHT DATUM	LOCAL AUTHORITY
AHD	PENRITH COUNCIL
HEIGHT ORIGIN	SCALE
PM20631 RL 26.514	1:400 (A1)
MERIDIAN	CONTOUR INTERVAL
ZONE 56	0.5 Metre
CO-ORD SYSTEM	SURVEYOR
MGA	BB
	DATE OF SURVEY
	27/08/2018
CCAD FILE	DRAWN
SY074503.000	TF
	DATE
	5/09/2018
AUTOCAD FILE	CHECKED
SY074503	BB
	DATE
	30/08/2018
ARCHIVE FILE	APPROVED
SY074503	GKO
	DATE
	30/08/2018
PLAN NUMBER	SHEET
SY074503.000	6 OF 9
	REVISION
	A

PC:PM

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**DETAIL SURVEY
OF
LOT 20 IN DP1216618
ANDREWS ROAD,
PENRITH**

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PPP/CF	LPL	DD/MM/YY	COMMENT

SYM	CODE	DESCRIPTION	SYM	CODE	DESCRIPTION
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●	BO	BOLLARD	○	OPF	OPTICAL FIBRE PIT
□	DJM	DRAINAGE MANHOLE	○	TM	PALM TREE
⊗	EFP	ELEC FUSE BOX	○	SE	SEAT
⊗	ELP	ELEC GARDEN LIGHT	○	TS	SHRUB
⊗	EL	ELEC GREEN PILLAR	○	TCA	TELSTRA PIT
⊗	LP	ELEC LIGHT POLE	○	SLH	SEWER LAMP HOLE
⊗	EP	ELEC SINGLE PIT	○	SMH	SEWER MANHOLE
○	SPL	ELEC STAY POLE	○	SVP	SEWER VENT PIPE
○	PP	ELEC POWER POLE	○	SI	SIGN
○	ELP	ELEC POLE LIGHT	○	BS	BUS STOP SIGN
○	TRANS	ELEC POLE/TRANSFORM	○	T	TREE
○	FD	FUEL DIP	○	SGL	TRAFFIC LIGHT
○	GM	GAS MAIN	○	SCL	TRAFFIC CONTROLLER
○	GMR	GAS METER	○	SJX	TRAFFIC JUNCTION BOX
○	GAS	GAS VALVE	○	US	UNKNOWN SERVICE
○	AG	GATE	○	WAV	WATER AIR VALVE
○	GUL	GULLY PIT	○	WWR	WATER METER
○	HYD	HYDRANT	○	WEP	WATER PUMP
○	BOR	BORHOLE	○	WSP	WATER STOP VALVE
			○	WTP	WATER TAP

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DRAIN	---
ELECT. CABLE A/G	---
ELECT. CABLE U/G	---
GAS PIPE	---
FENCE LINE	---
SEWERAGE PIPE	---
TELSTRA CABLE	---
WATER PIPE	---



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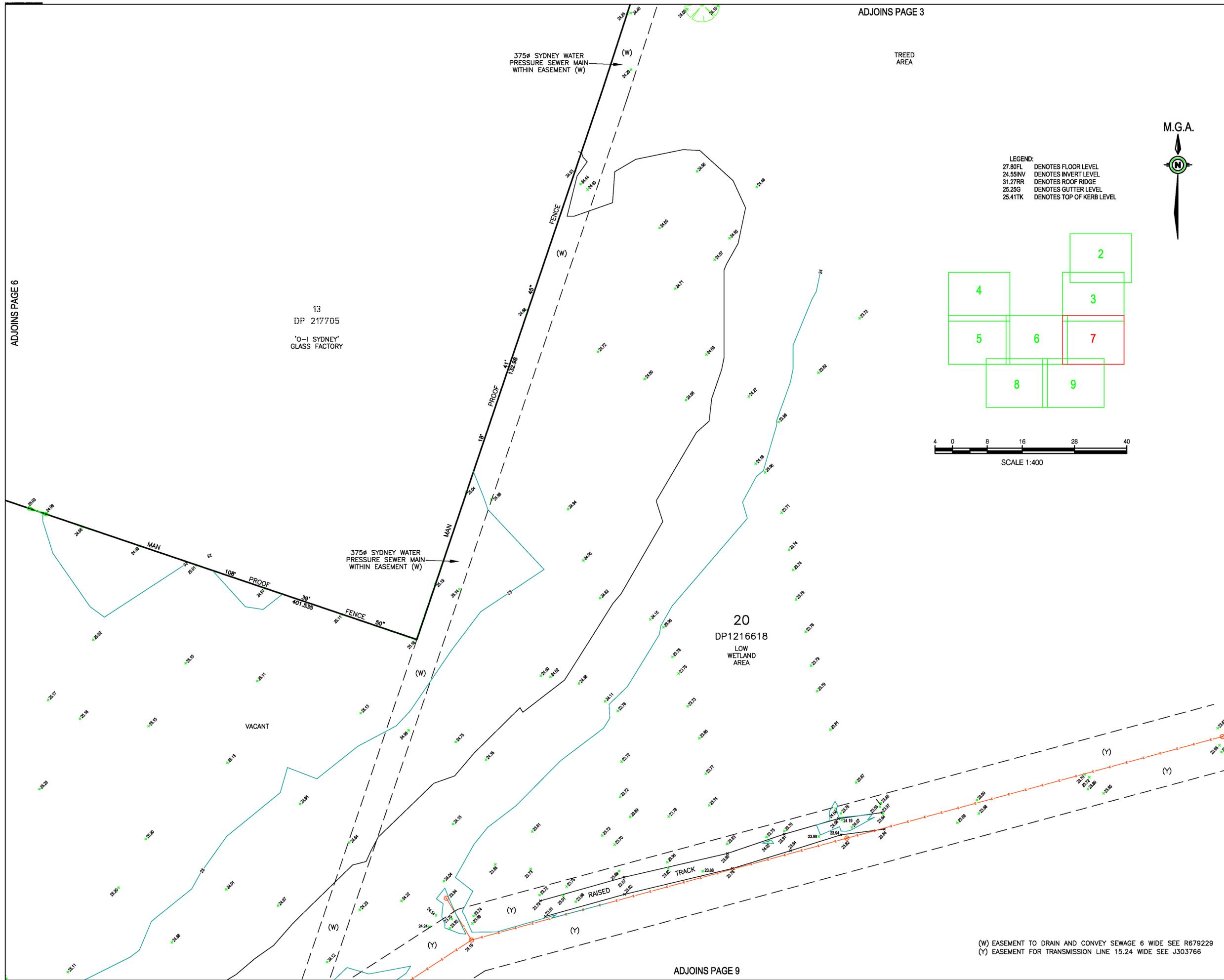
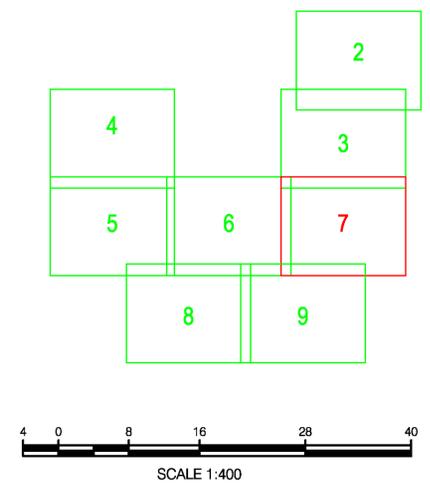
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HEIGHT DATUM	AHD	LOCAL AUTHORITY	PENRITH COUNCIL
HEIGHT ORIGIN	PM20631 RL 26.514	SCALE	1:400 (A1)
MERIDIAN	ZONE 56	CONTOUR INTERVAL	0.5 Metre
CO-ORD SYSTEM	MGA	SURVEYOR	BB
		DATE OF SURVEY	27/08/2018
OCAD FILE	SY074503.000	DRAWN	TF
		DATE	5/09/2018
AUTOCAD FILE	SY074503	CHECKED	BB
		DATE	30/08/2018
ARCHIVE FILE	SY074503	APPROVED	GKO
		DATE	30/08/2018
PLAN NUMBER	SY074503.000	SHEET	7 OF 9
		REVISION	A

LEGEND:
 27.80FL DENOTES FLOOR LEVEL
 24.55INV DENOTES INVERT LEVEL
 31.27RR DENOTES ROOF RIDGE
 25.25G DENOTES GUTTER LEVEL
 25.41TK DENOTES TOP OF KERB LEVEL



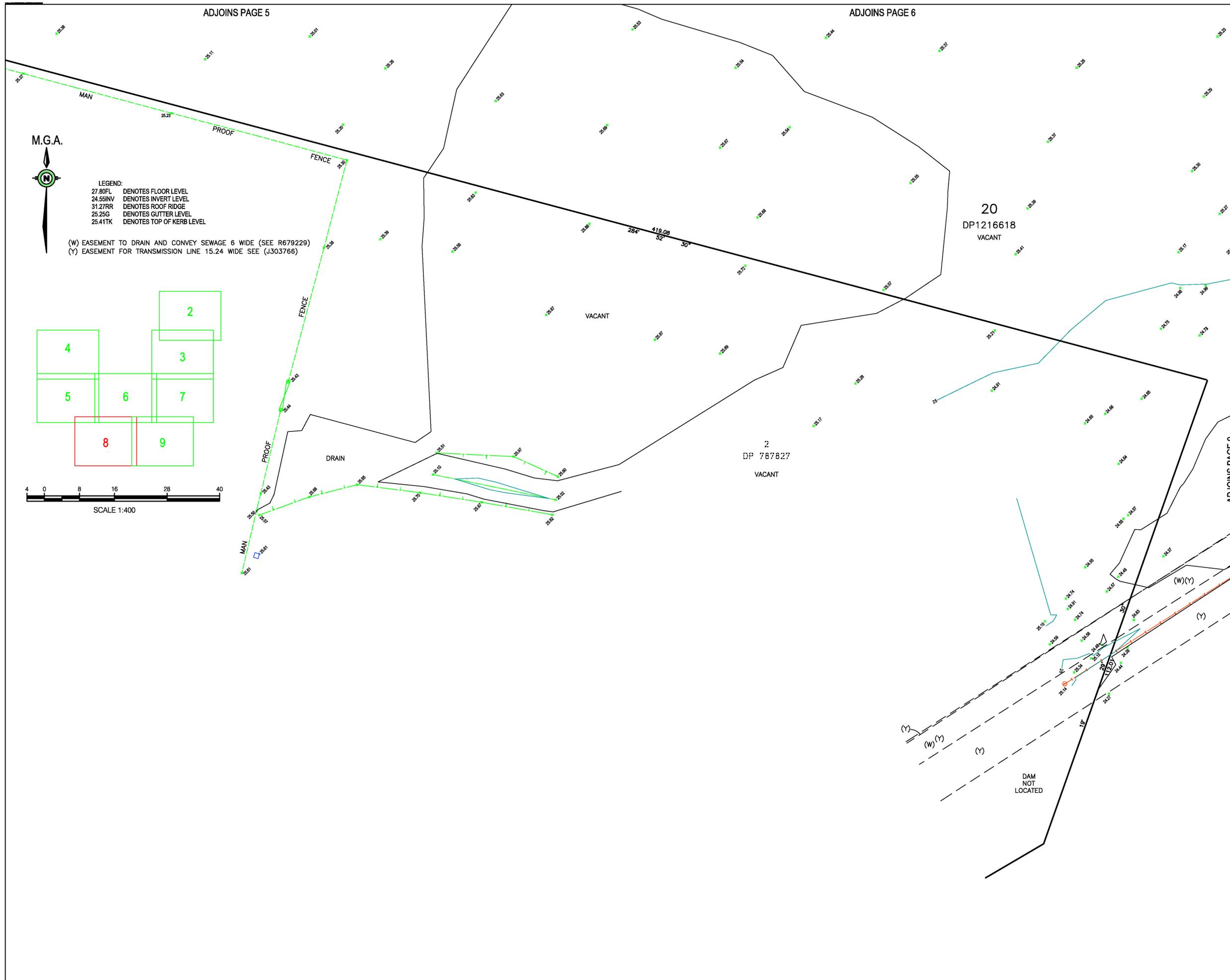
13
DP 217705
"O-I SYDNEY"
GLASS FACTORY

375Ø SYDNEY WATER
PRESSURE SEWER MAIN
WITHIN EASEMENT (W)

TREED
AREA

20
DP1216618
LOW
WETLAND
AREA

(W) EASEMENT TO DRAIN AND CONVEY SEWAGE 6 WIDE SEE R679229
 (Y) EASEMENT FOR TRANSMISSION LINE 15.24 WIDE SEE J303766



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PROJECT
DETAIL SURVEY
OF
LOT 20 IN DP1216618
ANDREWS ROAD,
PENRITH

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TELSTRA CABLE	---
WATER PIPE	---

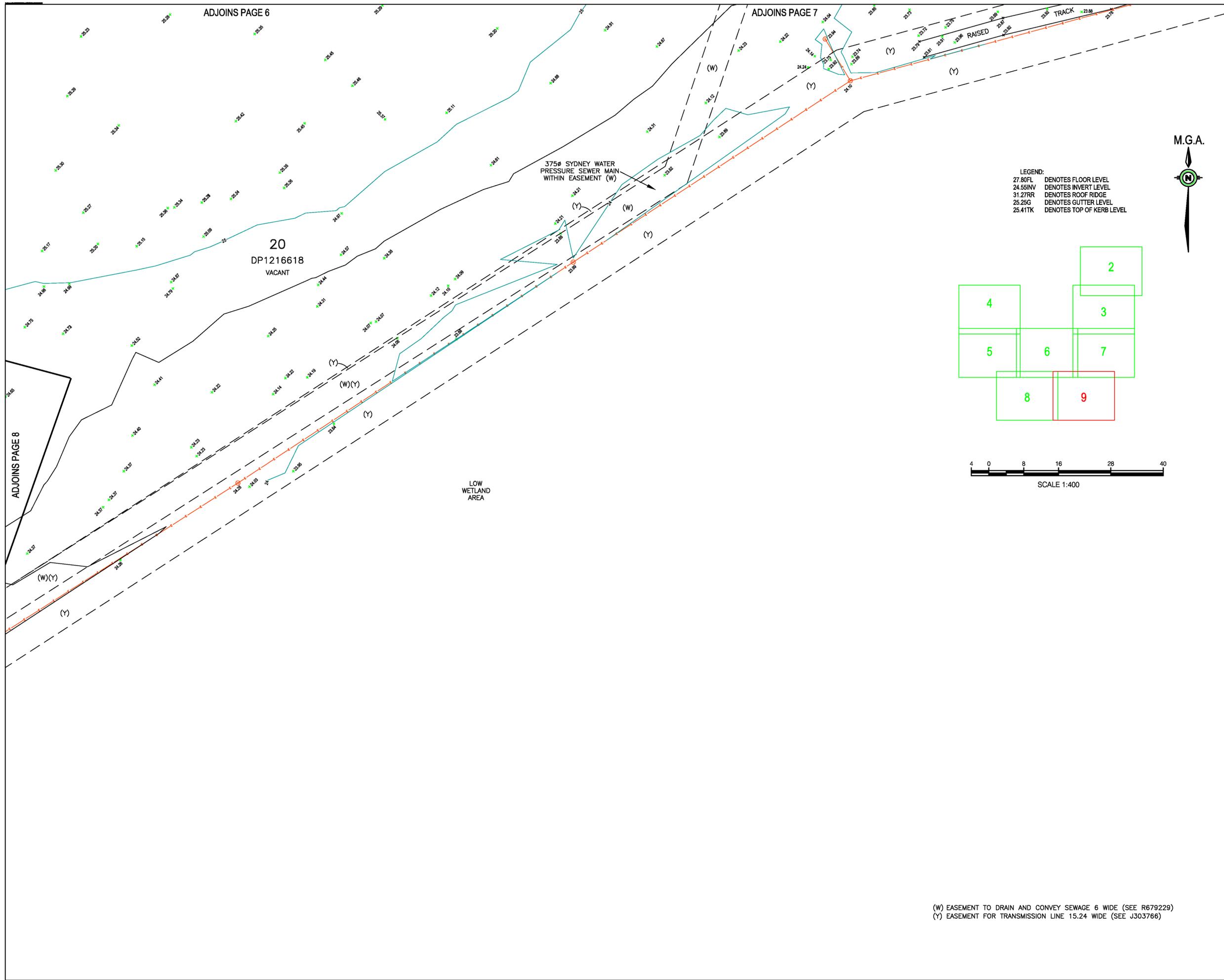
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MGA	BB
	DATE OF SURVEY
	27/08/2018
OCAD FILE	DRAWN
SY074503.000	TF
	DATE
	5/09/2018
AUTOCAD FILE	CHECKED
SY074503	BB
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	DATE
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PLAN NUMBER	SHEET
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	REVISION
	A



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PROJECT
DETAIL SURVEY OF LOT 20 IN DP1216618 ANDREWS ROAD, PENRITH

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ELECT. CABLE U/G	— — — — —
GAS PIPE	— — — — —
FENCE LINE	— — — — —
SEWERAGE PIPE	— — — — —
TELSTRA CABLE	— — — — —
WATER PIPE	— — — — —

SCALE 1:400

(W) EASEMENT TO DRAIN AND CONVEY SEWAGE 6 WIDE (SEE R679229)
(Y) EASEMENT FOR TRANSMISSION LINE 15.24 WIDE (SEE J303766)

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	REVISION
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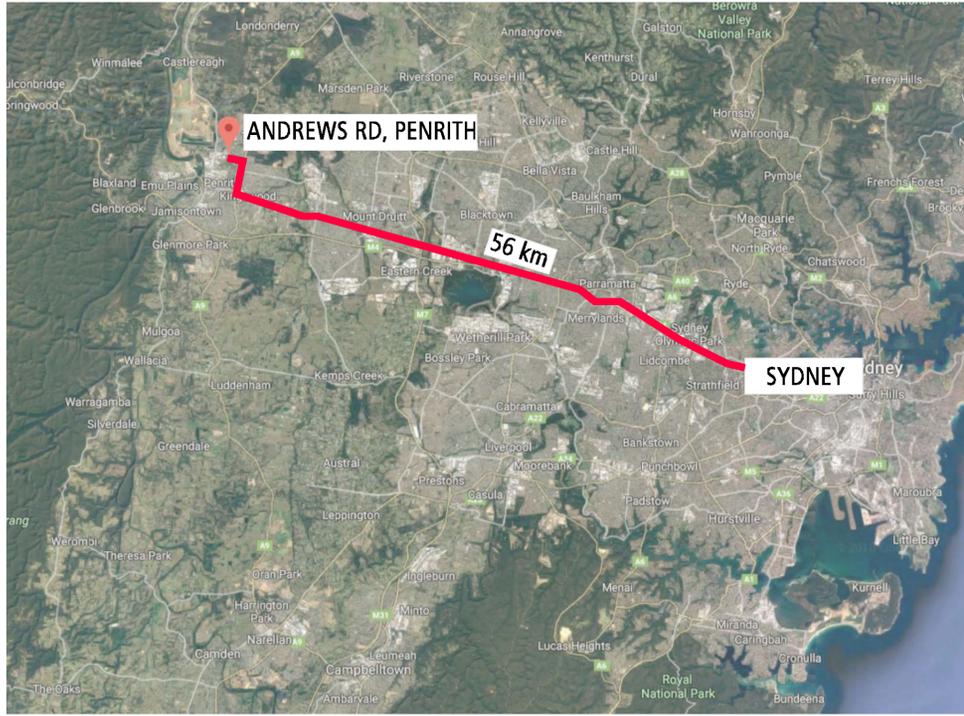
DRAWING LIST

TP 0.1	LOCALITY PLAN
TP 0.2	CONTEXT /ZONING PLAN
TP 0.3	MASTER PLAN
TP 1.1	SITE PLAN-SITE 1
TP 1.2	WAREHOUSE PLAN
TP 1.3	ROOF PLAN
TP 1.4	OFFICE FLOOR PLANS
TP 1.5	ELEVATIONS -OVERALL
TP 1.6	ELEVATIONS -PART 1
TP 1.7	ELEVATIONS -PART 2
TP 1.8	ELEVATIONS -OFFICE
TP 1.9	TYPICAL WAREHOUSE SECTION
TP 1.10	SITE 1 CAR PARK LIGHTING
TP 2.1	SITE PLAN -SITE 2
TP 2.2	OVERALL ELEVATIONS-SITE 2

Cadence

Proposed Warehouse Development
128 Andrews Road, Penrith NSW

watson
young



NO.	DATE	REVISION	BY	CHK
A	02.11.2018	TOWN PLANNING ISSUE	UW	SA

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PROJECT:
Proposed Warehouse Development
 128 Andrews Road, Penrith NSW

TITLE:
LOCALITY PLAN

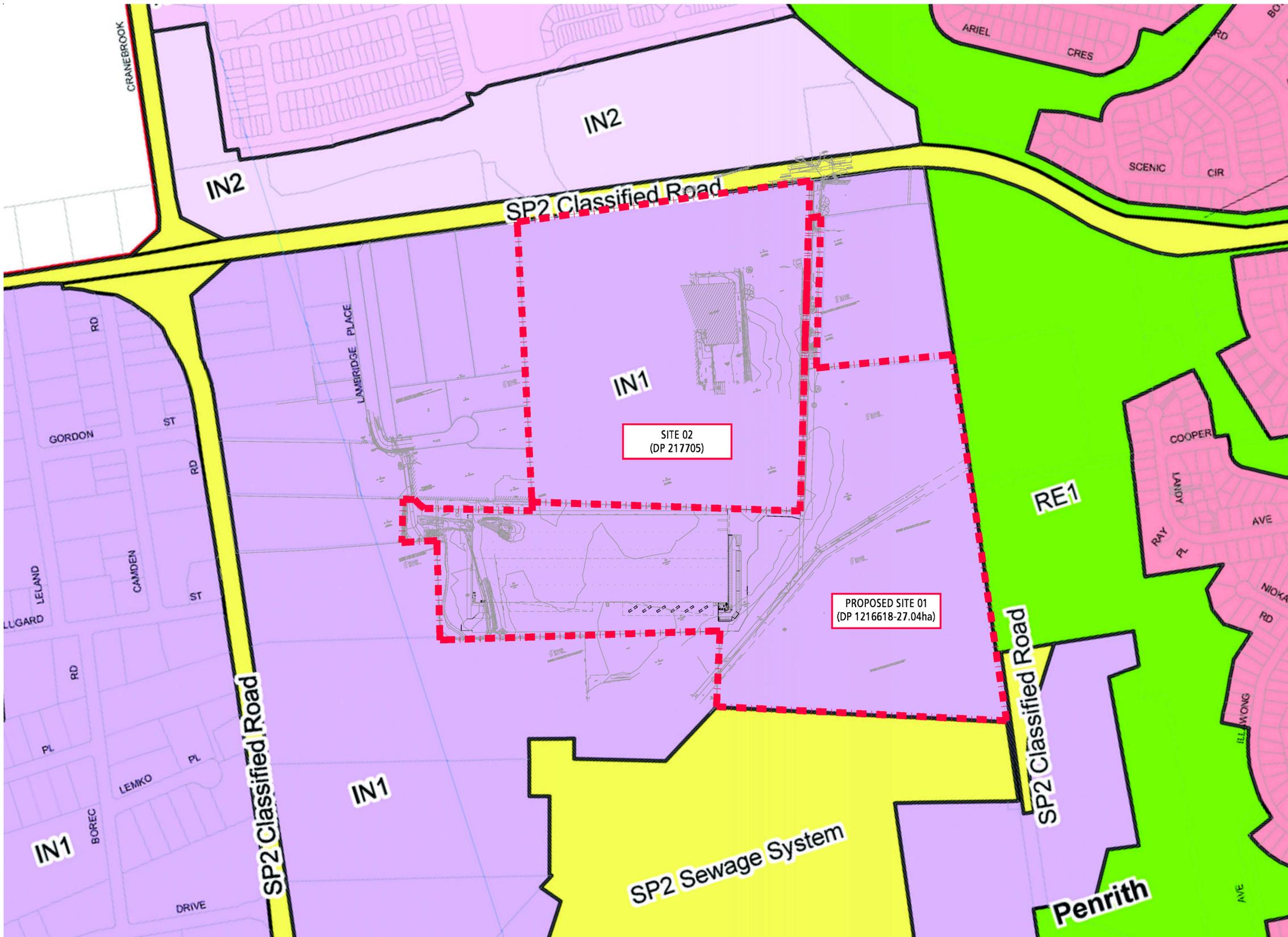


CLIENT:

DATE: October, 2018
 DRAWN BY: UW
 SCALE: NTS @ A1
 SCALE: NTS @ A3

JOB NO:	18161
DRAWING NO:	TP 0.1
REVISION:	A





- Zone**
- B1 Neighbourhood Centre
 - B2 Local Centre
 - B3 Commercial Core
 - B4 Mixed Use
 - B5 Business development
 - B6 Enterprise Corridor
 - E1 National Parks and Nature Reserves
 - E2 Environmental Conservation
 - E3 Environmental Management
 - E4 Environmental Living
 - IN1 General Industrial
 - IN2 Light Industrial
 - R1 General Residential
 - R2 Low Density Residential
 - R3 Medium Density Residential
 - R4 High Density Residential
 - R5 Large Lot Residential
 - RE1 Public Recreation
 - RE2 Private Recreation
 - RU1 Primary Production
 - RU2 Rural Landscape
 - RU4 Primary Production Small Lots
 - RU5 Village
 - SP1 Special Activities
 - SP2 Infrastructure
 - SP3 Tourist
 - W1 Natural Waterways
 - W2 Recreational Waterways
 - DM Deferred Matter
 - WSEA SEPP (Western Sydney Employment Area) 2009
 - SM SREP No. 30 - St Marys

SITE BOUNDARY

SOURCE:
https://legislation.nsw.gov.au/maps/f0f279a2-8e0f-4ec9-bd3f-07c37029c449/6350_COM_LZN_012_020_20161010.pdf

NO.	DATE	REVISION	BY	CHK
A	02.11.2018	TOWN PLANNING ISSUE	UW	SA

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PROJECT:
Proposed Warehouse Development
 128 Andrews Road, Penrith NSW

TITLE:
CONTEXT PLAN
(ZONING OVERLAY)

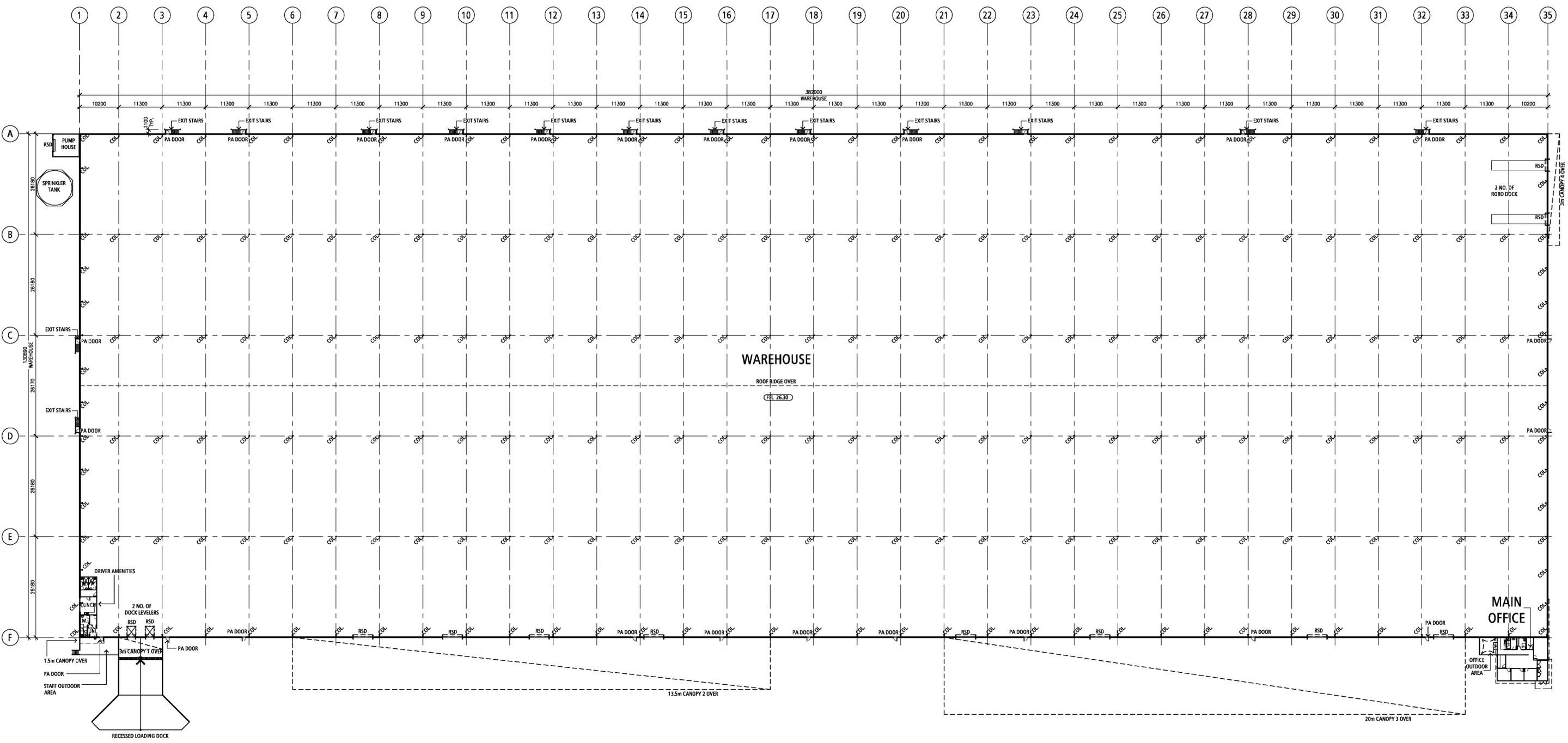


CLIENT:

DATE: October, 2018
 DRAWN BY: UW
 SCALE: 1:3000 @ A1
 SCALE: 1:6000 @ A3

JOB NO:
18161
 DRAWING NO:
TP 0.2
 REVISION:
A





NO.	DATE	REVISION	BY	CHK
A	02.11.2018	TOWN PLANNING ISSUE	UW	SA

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PROJECT:
Proposed Warehouse Development
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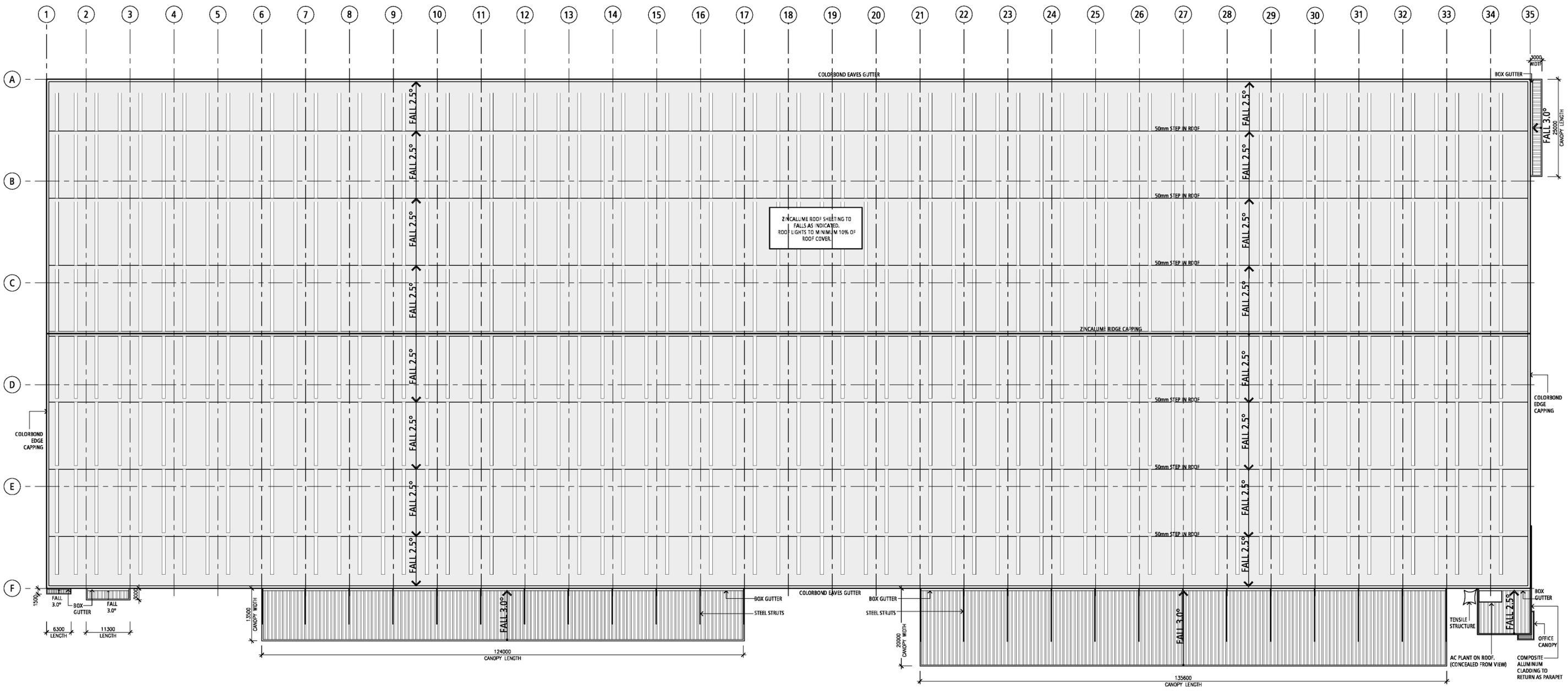
TITLE:
WAREHOUSE PLAN



DATE: October, 2018
 DRAWN BY: UW
 SCALE: 1:500@ A1
 SCALE: 1:1000@ A3

NO.:	18161
DRAWING NO.:	TP 1.2
REVISION:	A





ZINCALUME ROOF SHEETING TO FALLS AS INDICATED. ROOF LIGHTS TO MINIMUM 10% OF ROOF COVER.

NO.	DATE	REVISION	BY	CHK
A	02.11.2018	TOWN PLANNING ISSUE	UW	SA

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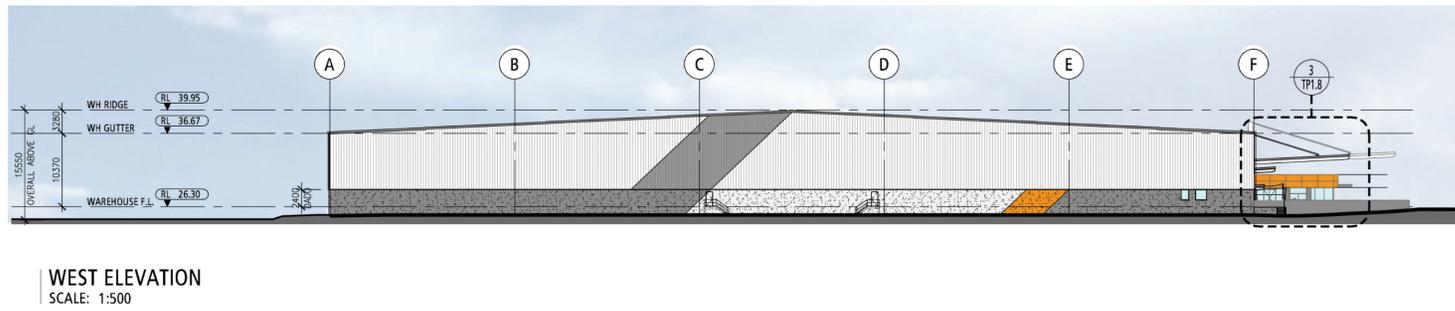
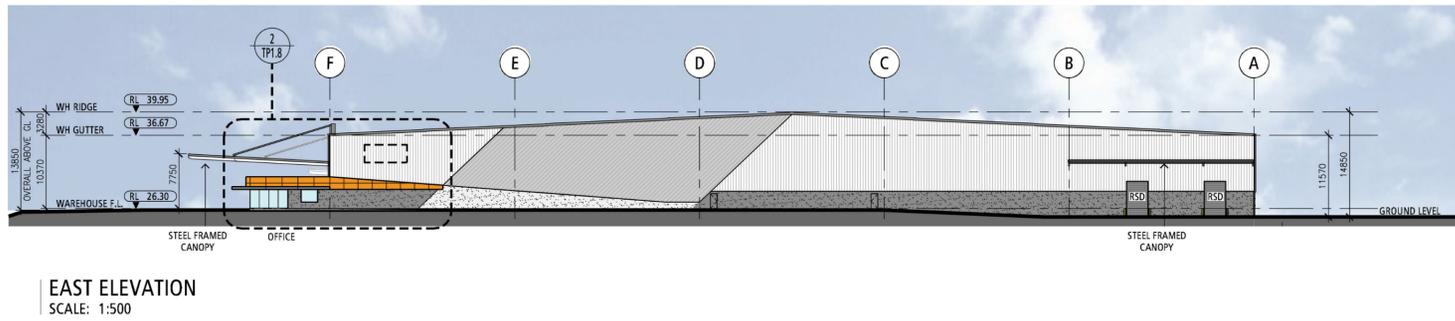
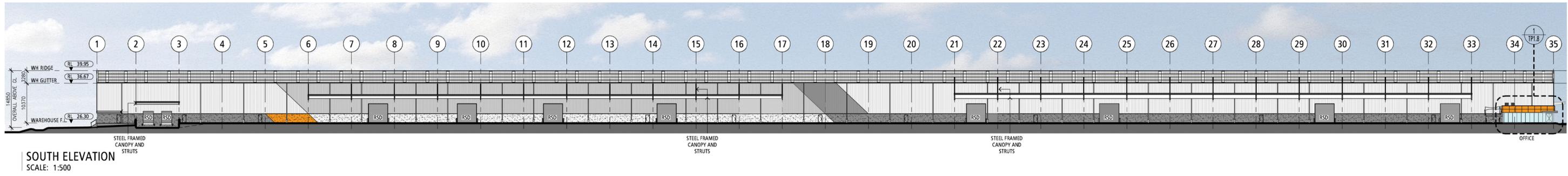
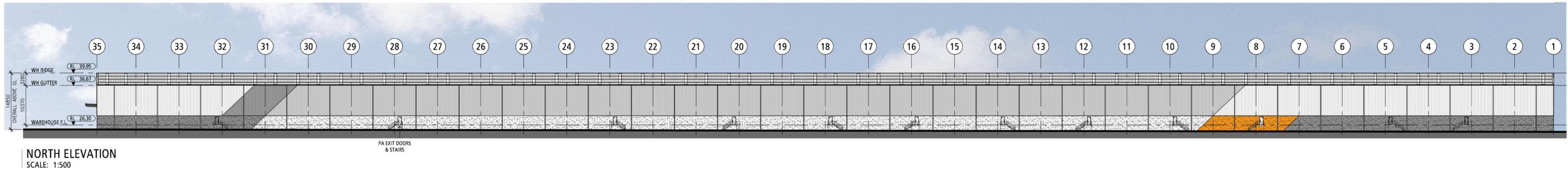
TITLE:
ROOF PLAN



DATE: October, 2018
 DRAWN BY: UW
 SCALE: 1:500@ A1
 SCALE: 1:1000@ A3

JOB NO.	18161
DRAWING NO.	TP1.3
REVISION	A





NO.	DATE	REVISION	BY	CHK
A	02.11.2018	PRELIMINARY TP ISSUE	UW	SA

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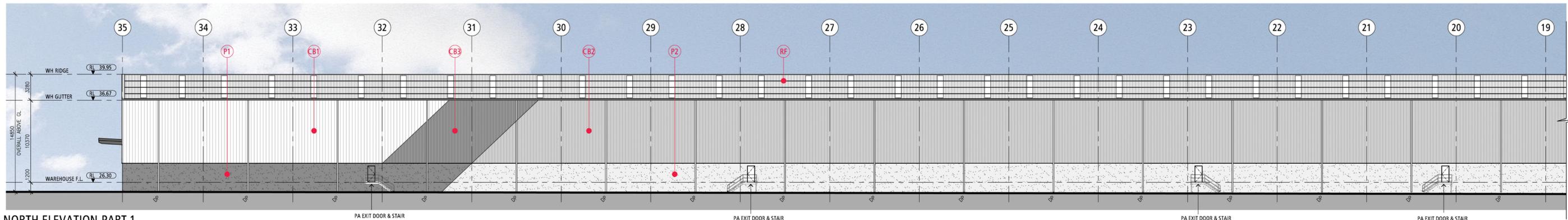
TITLE:
ELEVATIONS- OVERALL



DATE: October, 2018
DRAWN BY: SA
SCALE: 1:500 @ A1
SCALE: 1:1000 @ A3

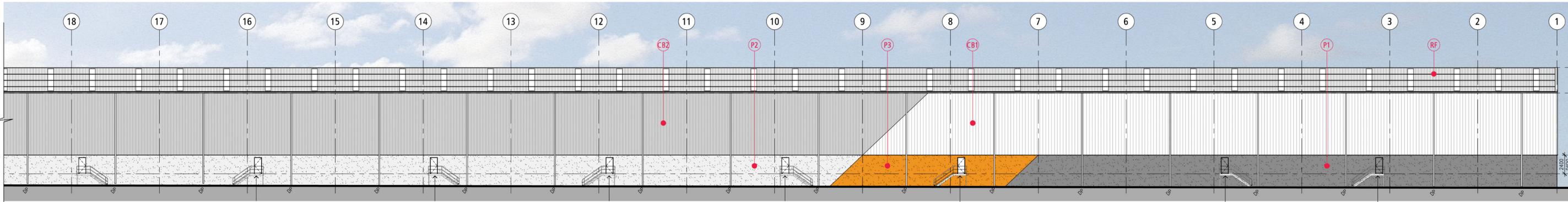
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DRAWING NO:	TP 1.5
REVISION:	A



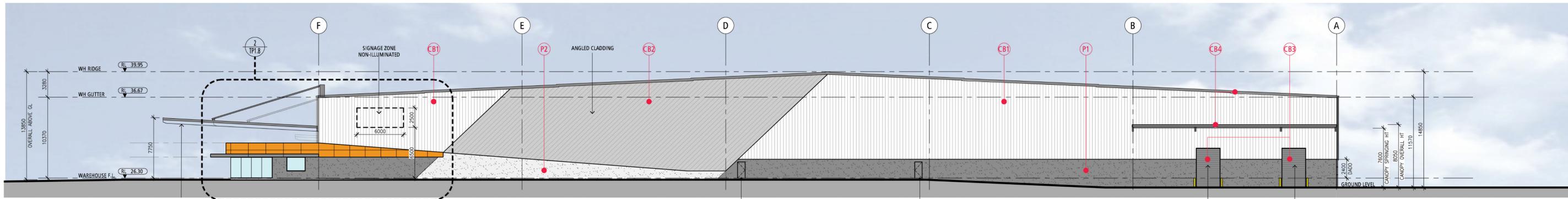


NORTH ELEVATION-PART 1
SCALE: 1:250

ELEVATION CONTINUES BELOW



NORTH ELEVATION -PART 2
SCALE: 1:250



EAST ELEVATION
SCALE: 1:250

EXTERNAL FINISHES

 P1 PRECAST CONC. DADO PANEL PAINT FINISH COLOUR: DARK GREY	 CB2 PREFINISHED METAL CLADDING COLOUR: WOODLAND GREY	 AL1 ALUMINIUM COMPOSITE PANEL COLOUR: ORANGE
 P2 PRECAST CONC. DADO PANEL PAINT FINISH COLOUR: LIGHT GREY	 CB3 PREFINISHED METAL CLADDING COLOUR: MONUMENT	 AL2 ALUMINIUM COMPOSITE PANEL COLOUR: DARK GREY
 P3 PRECAST CONC. DADO PANEL PAINT FINISH COLOUR: ORANGE	 CB4 PREFINISHED METAL GUTTERS, DOWNPIPES & FLASHINGS COLOUR: MONUMENT	 GL1 GLAZING SUITE COLOUR: GREY/BLUE
 CB1 PREFINISHED METAL CLADDING COLOUR: SURFMIST	 RF ZINCALUME ROOF SHEETING. 10% OF ROOF AREA TO HAVE TRANSLUCENT ROOF SHEETS.	 PW1 POWDERCOATED METAL WINDOW FRAMES COLOUR: LIGHT GREY

NO.	DATE:	REVISION:	BY	CHK
A	02.11.2018	TOWN PLANNING ISSUE	UW	SA

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PROJECT:
Proposed Warehouse Development
128 Andrews Road, Penrith NSW

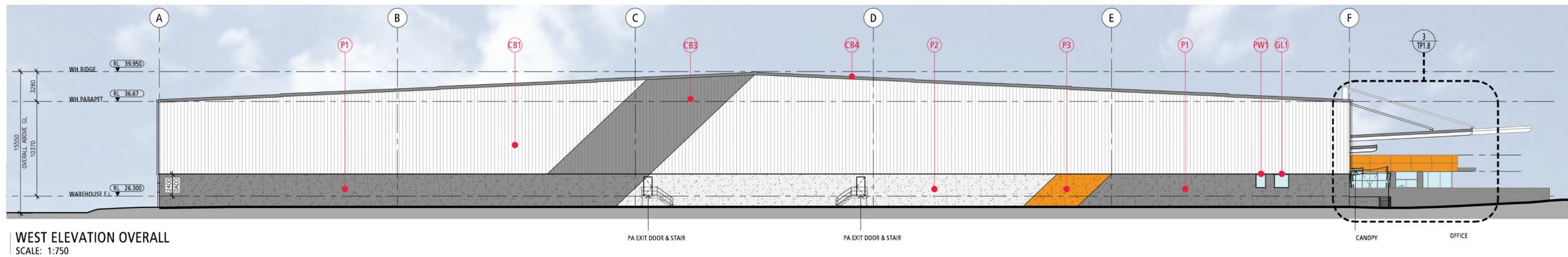
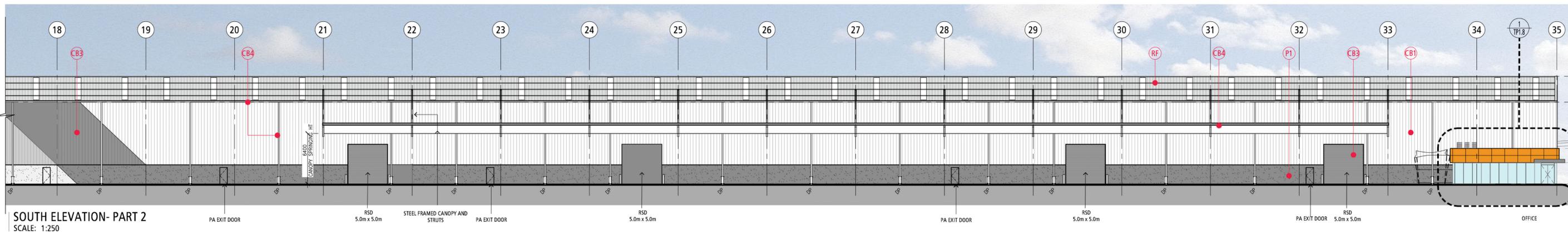
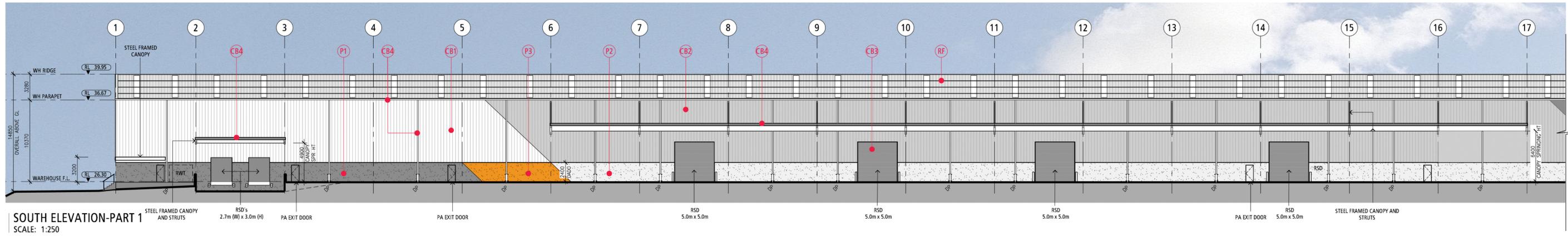
TITLE:
ELEVATIONS-PART 1



DATE: October, 2018
DRAWN BY: SA
SCALE: 1:250 @ A1
SCALE: 1:500 @ A3

JOB NO:	18161
DRAWING NO:	TP 1.6
REVISION:	A





EXTERNAL FINISHES

- | | | |
|--|--|--|
|  P1 PRECAST CONC. DADO PANEL
PAINT FINISH
COLOUR: DARK GREY |  CB2 PREFINISHED METAL
CLADDING
COLOUR: WOODLAND GREY |  AL1 ALUMINIUM COMPOSITE
PANEL
COLOUR: ORANGE |
|  P2 PRECAST CONC. DADO PANEL
PAINT FINISH
COLOUR: LIGHT GREY |  CB3 PREFINISHED METAL
CLADDING
COLOUR: MONUMENT |  AL2 ALUMINIUM COMPOSITE
PANEL
COLOUR: DARK GREY |
|  P3 PRECAST CONC. DADO PANEL
PAINT FINISH
COLOUR: ORANGE |  CB4 PREFINISHED METAL GUTTERS,
DOWNPIPES & FLASHINGS
COLOUR: MONUMENT |  GL1 GLAZING SUITE
COLOUR: GREY/BLUE |
|  CB1 PREFINISHED METAL
CLADDING
COLOUR: SURFIMIST |  RF ZINCALUME ROOF SHEETING.
10% OF ROOF AREA TO HAVE
TRANSLUCENT ROOF SHEETS. |  PW1 POWDERCOATED METAL
WINDOW FRAMES
COLOUR: LIGHT GREY |

NO.	DATE	REVISION	BY	CHK
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PROJECT:
Proposed Warehouse Development
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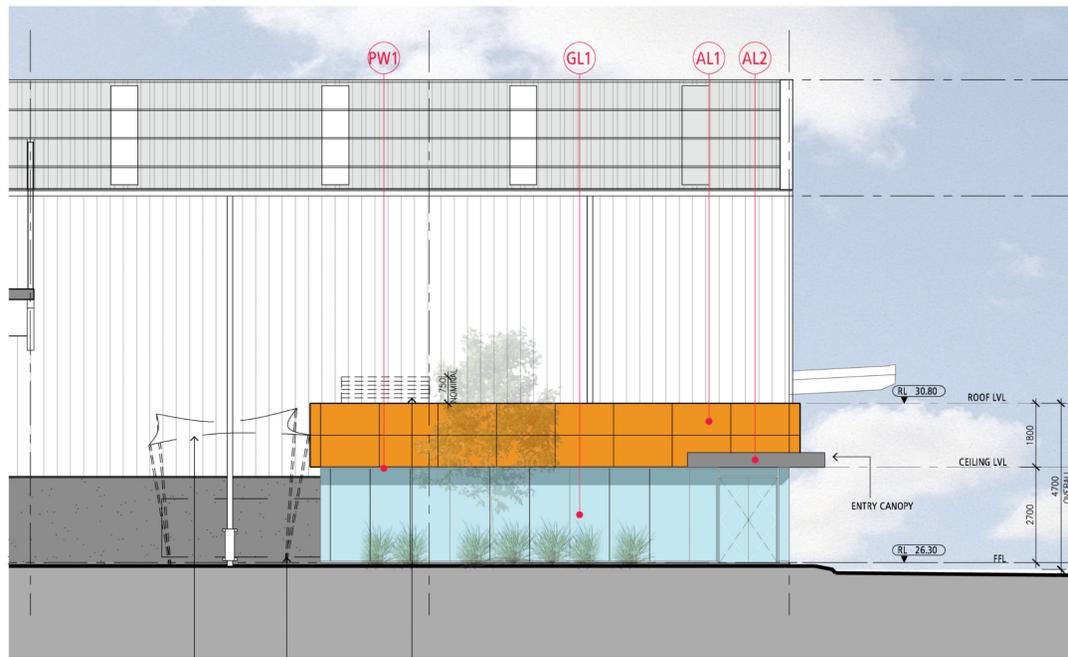
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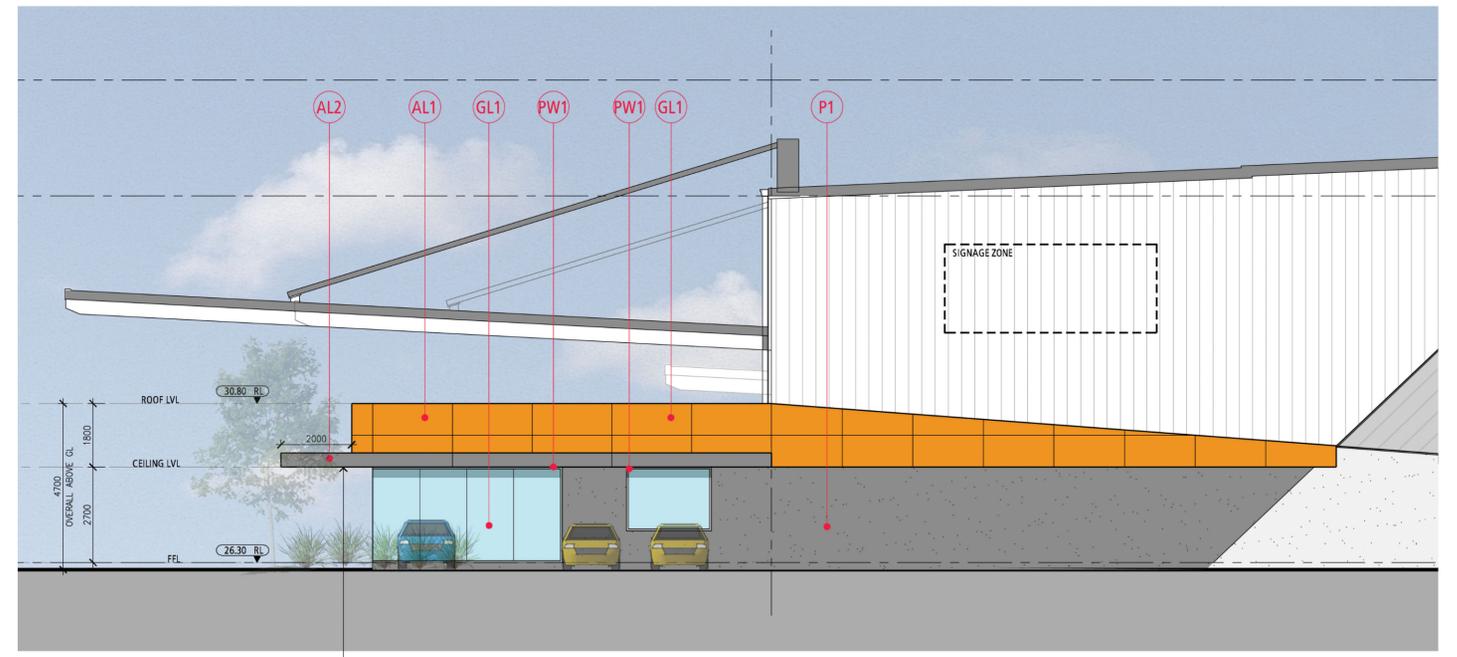
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JOB NO:	18161
DRAWING NO:	TP 1.7
REVISION:	A

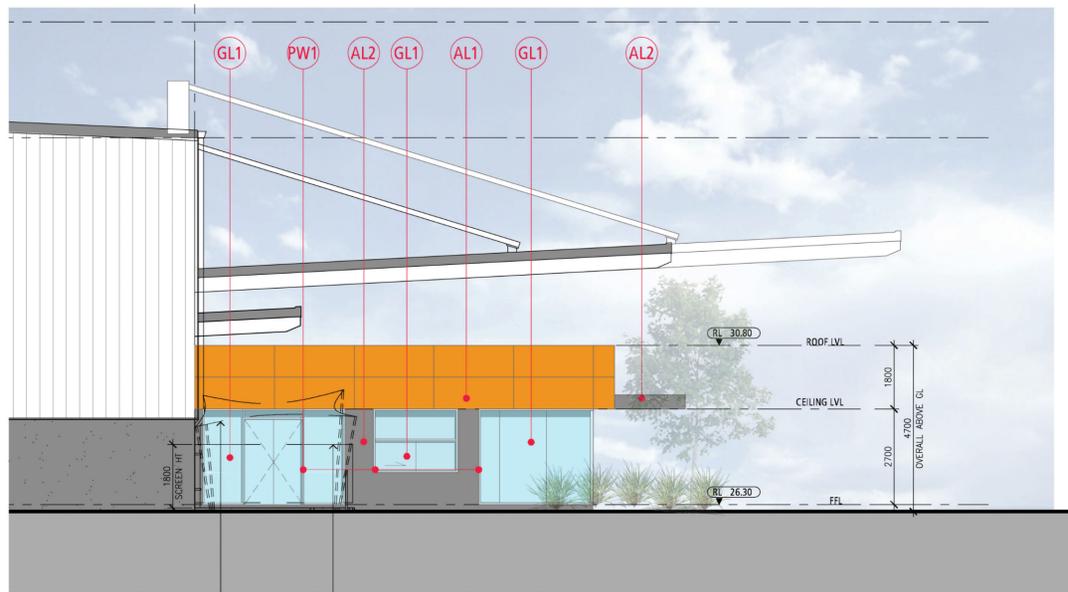




SOUTH ELEVATION
SCALE: 1:100



EAST ELEVATION
SCALE: 1:100



WEST ELEVATION
SCALE: 1:100

EXTERNAL FINISHES

- | | | |
|--|--|---|
|  PRECAST CONC. DADO PANEL
PAINT FINISH
COLOUR: DARK GREY |  PREFINISHED METAL
CLADDING
COLOUR: WOODLAND GREY |  ALUMINIUM COMPOSITE
PANEL
COLOUR: ORANGE |
|  PRECAST CONC. DADO PANEL
PAINT FINISH
COLOUR: LIGHT GREY |  PREFINISHED METAL
CLADDING
COLOUR: MONUMENT |  ALUMINIUM COMPOSITE
PANEL
COLOUR: DARK GREY |
|  PRECAST CONC. DADO PANEL
PAINT FINISH
COLOUR: ORANGE |  PREFINISHED METAL GUTTERS,
DOWNPIPES & FLASHINGS
COLOUR: MONUMENT |  GLAZING SUITE
COLOUR: GREY/BLUE |
|  PREFINISHED METAL
CLADDING
COLOUR: SURFMIST |  ZINCALUME ROOF SHEETING.
10% OF ROOF AREA TO HAVE
TRANSLUCENT ROOF SHEETS. |  POWDERCOATED METAL
WINDOW FRAMES
COLOUR: LIGHT GREY |

NO.	DATE	REVISION	BY	CHK
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Proposed Warehouse Development
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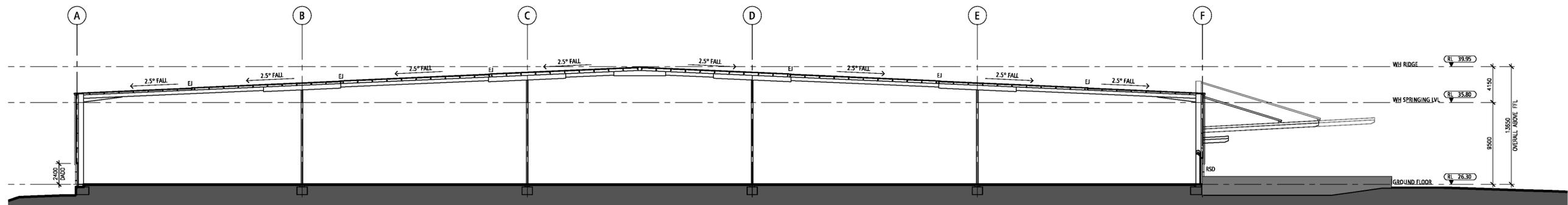
TITLE:
ELEVATIONS - OFFICE



DATE: November, 2018
 DRAWN BY: SA
 SCALE: 1:100@ A1
 SCALE: 1:200@ A3

JOB NO:	18161
DRAWING NO:	TP 1.8
REVISION:	A





TYPICAL SECTION
SCALE: 1:250

NO.	DATE	REVISION	BY	CHK
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PROJECT:
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TITLE:
TYPICAL WH SECTION

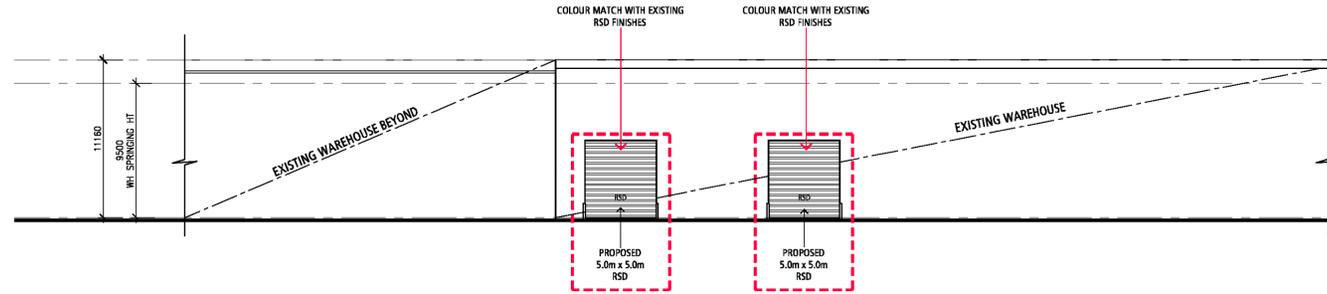


CLIENT:
Cadence

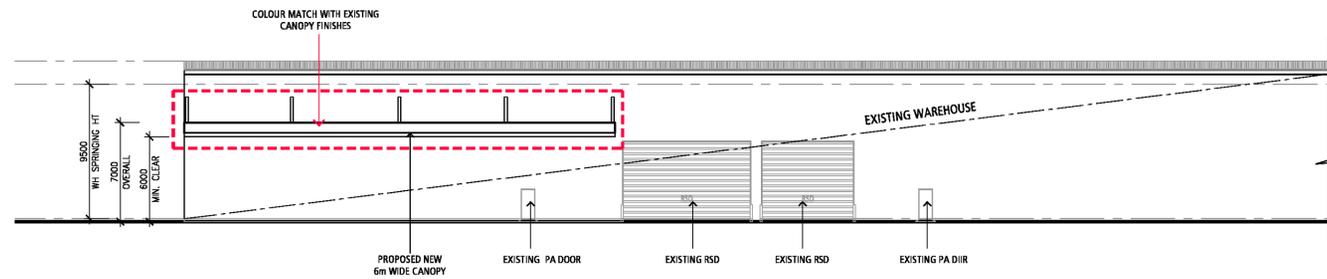
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DRAWN BY: UW
SCALE: 1:250 @ A1
SCALE: 1:500 @ A3

JOB NO.	18161
DRAWING NO.	TP 1.9
REVISION	A





EAST ELEVATION
SCALE: 1:250



WEST ELEVATION
SCALE: 1:250

LEGEND

--- EXTENT OF PROPOSED WORKS AT SITE 2

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PROJECT:
Proposed Warehouse Development
128 Andrews Road, Penrith NSW

TITLE:
**OVERALL ELEVATIONS-
SITE 2**



DATE: October, 2018
DRAWN BY: UW
SCALE: 1:250 @ A1
SCALE: 1:500 @ A3

JOB NO.	18161
DRAWING NO.	TP 2.2
REVISION	A



Proposed Warehouse Development

128 Andrews Road, Penrith NSW 2749

Landscape Documentation for Development Approval



Drawing Register:

Dwg No.	Drawing Name	Dwg No.	Drawing Name
LDA-00	Landscape Site Masterplan	LDA-06A	Typical Landscape Details 01
LDA-01	Landscape Plan West	LDA-06B	Typical Landscape Details 02
LDA-02	Landscape Plan East	LDA-07	Typical Specification Notes
LDA-03	Landscape Detailed Plan West	LDA-08	Planting Schedules & Images
LDA-04	Landscape Detailed Plan East		
LDA-05	Landscape Sections: AA, BB & CC		

Landscape Design Statement

THE PROJECT AT 128 ANDREWS ROAD PENRITH, INVOLVES THE DEVELOPMENT OF A 5HA WAREHOUSE AND INDUSTRIAL ESTATE. THE SITE IS ACCESSED VIA A PROPOSED DRIVEWAY FROM ANDREWS ROAD AND IS LOCATED ADJACENT TO OTHER INDUSTRIAL DEVELOPMENTS. WITHIN THE 2010 PENRITH LEP, THE SUBJECT SITE IS IDENTIFIED AS 'LAND WITH SCENIC AND LANDSCAPE VALUES' UNDER CLAUSE 7.5 PROTECTION OF SCENIC CHARACTER AND LANDSCAPE VALUES.

RIPARIAN RE-VEGETATION OF THE EXISTING WETLAND TO THE EAST IS PROPOSED FROM THE 20M SETBACK LINE TO THE EDGE OF THE WETLAND, THE DETAILS OF WHICH WILL BE COVERED IN A FUTURE VEGETATION MANAGEMENT

PLAN. THE LANDSCAPE DESIGN AIMS TO PROVIDE THE FOLLOWING OUTCOMES IN RESPONSE TO THE PRE-LODGE MENT ADVICE GIVEN BY PENRITH CITY COUNCIL:

- USE A MIX OF NATIVE ENDEMIC PLANT SPECIES;
- PROVIDE TREES WITHIN THE CAR PARKING AREA, TO PROVIDE SHADE AMENITY AND CANOPY COVER;
- FOLLOW THE PENRITH CITY COUNCIL WSUD TECHNICAL GUIDELINES WHEN PREPARING DETAILS OF PLANT SELECTIONS WITH REGARDS TO BIO-FILTRATION BASINS.

Drawing Title:
Landscape Site Masterplan

DWG No: **LDA-00**

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LANDSCAPE ARCHITECTS
Suite 215, 284 Victoria Av, Chatswood NSW 2067 Ph. (02) 9411 1485
www.geoscapes.com.au
ABN 84 620 205 781 ACN 620 205 781

Architect:
watson young

Client:
Cadence

Scale: 1:750 @ A1
1:1500 @ A3
Date: 04.02.19
Job Number: 181003
North:
Project: 128 Andrews Road
Penrith NSW 2748

Revision			FOR DEVELOPMENT APPROVAL	
Rev	Date	Description	Drawn	Checked
-	12.10.18	DA DRAFT	CC	BG
A	19.10.18	FOR DA	CC	BG
B	26.10.18	FOR DA	CC	BG
C	02.11.18	FOR DA	CC	BG
D	04.02.19	BASIN PLANTING AMENDMENTS	CC	BG



LEGEND

- - - SITE BOUNDARY
- - - BIO - FILTRATION AREAS
- NATIVE ENDEMIC CANOPY TREE
- MIX OF NATIVE SHRUB PLANTING
- MIX OF NATIVE GRASSES AND GROUND COVERS
- TURF TO SWALE
- GRAVEL/ REINFORCED TURF TO FIRE TRAIL
- - - PROPOSED CONTOURS
REFER TO CIVIL ENGINEER'S DETAILS
- UNIMPROVED AREA
- +RL/FFL PROPOSED LEVELS

OSD BASIN
To include species such as Hemarthria uncinata, Imperata cylindrica, Carex appressa. Planting density is 6/m2. Refer to VMP for further details.

For basin design refer to civil design by COSTIN ROE.

BIO FILTRATION PLANTING
Species to include: Baumea articulata, Baumea rubiginosa, Juncus usitatus and Eleocharis acuta. Planting density is 6/m2. Refer to VMP for further details.

PROPOSED WAREHOUSE

FFL 26.30

Drawing Title:
Landscape Plan West
DWG No:

LDA-01

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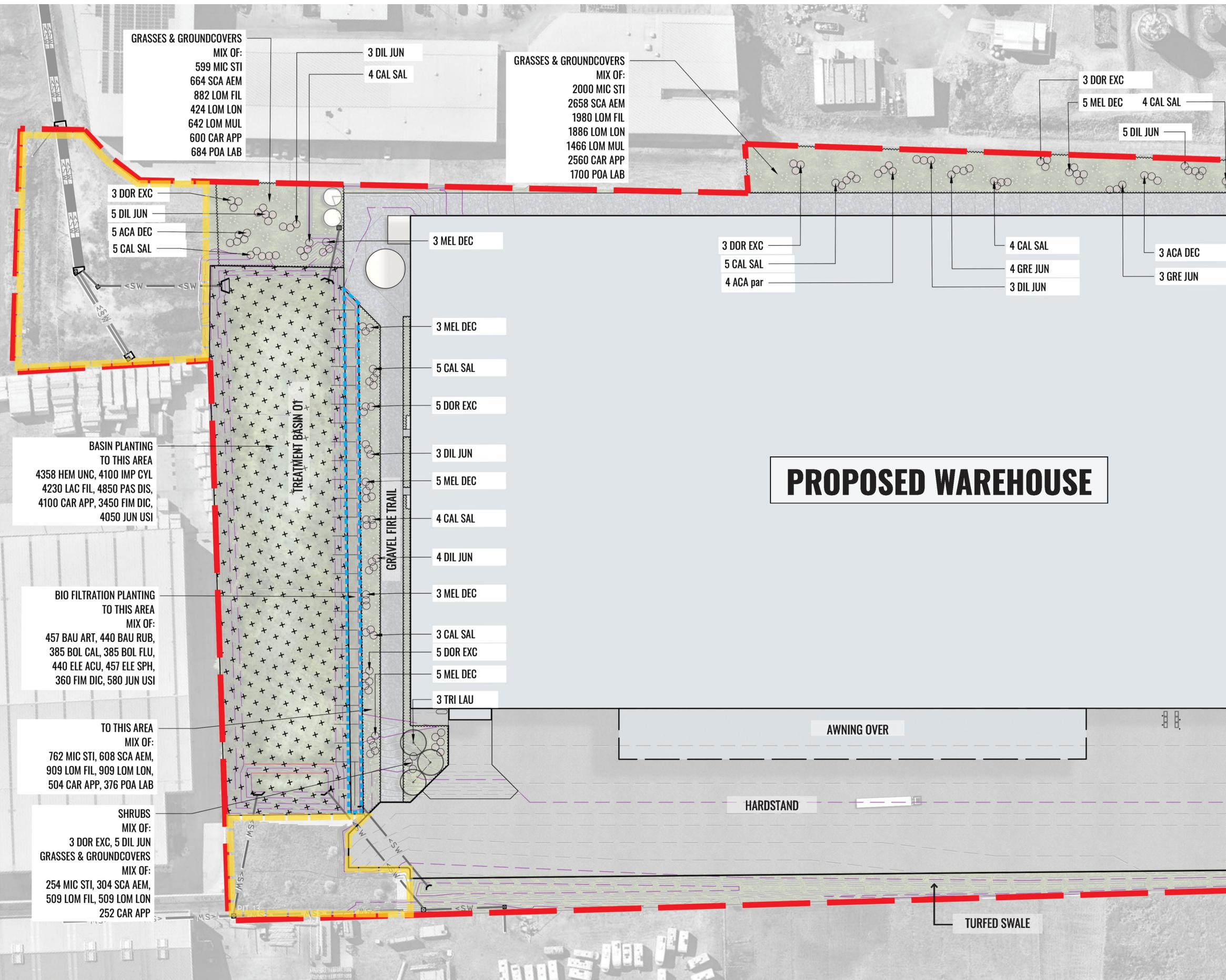
Architect:
watson young

Client:
Cadence

Scale: 1:500 @ A1
1:1000 @ A3
Date: 04.02.19
Job Number: 181003
Project: 128 Andrews Road
Penrith NSW 2748

Revision			FOR DEVELOPMENT APPROVAL	
Rev	Date	Description	Drawn	Checked
-	12.10.18	DA DRAFT	CC	BG
A	19.10.18	FOR DA	CC	BG
B	26.10.18	FOR DA	CC	BG
C	02.11.18	FOR DA	CC	BG
D	04.02.19	BASIN PLANTING AMENDMENTS	CC	BG

Document Set ID: 8566573
Version: 1, Version Date: 08/02/2019



LEGEND

- SITE BOUNDARY
- BIO - FILTRATION AREAS
- BASIN AREA
- MIX OF NATIVE GRASSES AND GROUNDCOVERS
- NATIVE ENDEMIC TREE PLANTING
- MIX OF NATIVE SHRUB PLANTING
- 3 ANG FLO — PLANTING CODES (REFER TO PLANTING LIST LDA-08)
- PROPOSED CONTOURS REFER TO CIVIL ENGINEER'S DETAILS
- UNIMPROVED AREA

GRASSES & GROUNDCOVERS MIX OF:
 599 MIC STI
 664 SCA AEM
 882 LOM FIL
 424 LOM LON
 642 LOM MUL
 600 CAR APP
 684 POA LAB

GRASSES & GROUNDCOVERS MIX OF:
 2000 MIC STI
 2658 SCA AEM
 1980 LOM FIL
 1886 LOM LON
 1466 LOM MUL
 2560 CAR APP
 1700 POA LAB

3 DOR EXC
 5 DIL JUN
 5 ACA DEC
 5 CAL SAL

BASIN PLANTING TO THIS AREA
 4358 HEM UNC, 4100 IMP CYL
 4230 LAC FIL, 4850 PAS DIS,
 4100 CAR APP, 3450 FIM DIC,
 4050 JUN USI

BIO FILTRATION PLANTING TO THIS AREA MIX OF:
 457 BAU ART, 440 BAU RUB,
 385 BOL CAL, 385 BOL FLU,
 440 ELE ACU, 457 ELE SPH,
 360 FIM DIC, 580 JUN USI

TO THIS AREA MIX OF:
 762 MIC STI, 608 SCA AEM,
 909 LOM FIL, 909 LOM LON,
 504 CAR APP, 376 POA LAB

SHRUBS MIX OF:
 3 DOR EXC, 5 DIL JUN
GRASSES & GROUNDCOVERS MIX OF:
 254 MIC STI, 304 SCA AEM,
 509 LOM FIL, 509 LOM LON
 252 CAR APP

3 DIL JUN
 4 CAL SAL

3 DOR EXC
 5 MEL DEC
 4 CAL SAL
 5 DIL JUN

3 DOR EXC
 5 CAL SAL
 4 ACA par

4 CAL SAL
 4 GRE JUN
 3 DIL JUN

3 ACA DEC
 3 GRE JUN

3 MEL DEC

3 MEL DEC

5 CAL SAL

5 DOR EXC

3 DIL JUN

5 MEL DEC

4 CAL SAL

4 DIL JUN

3 MEL DEC

3 CAL SAL

5 DOR EXC

5 MEL DEC

3 TRI LAU

PROPOSED WAREHOUSE

AWNING OVER

HARDSTAND

TURFED SWALE

Drawing Title:
Landscape Detailed Plan West
 DWG No:
LDA-03

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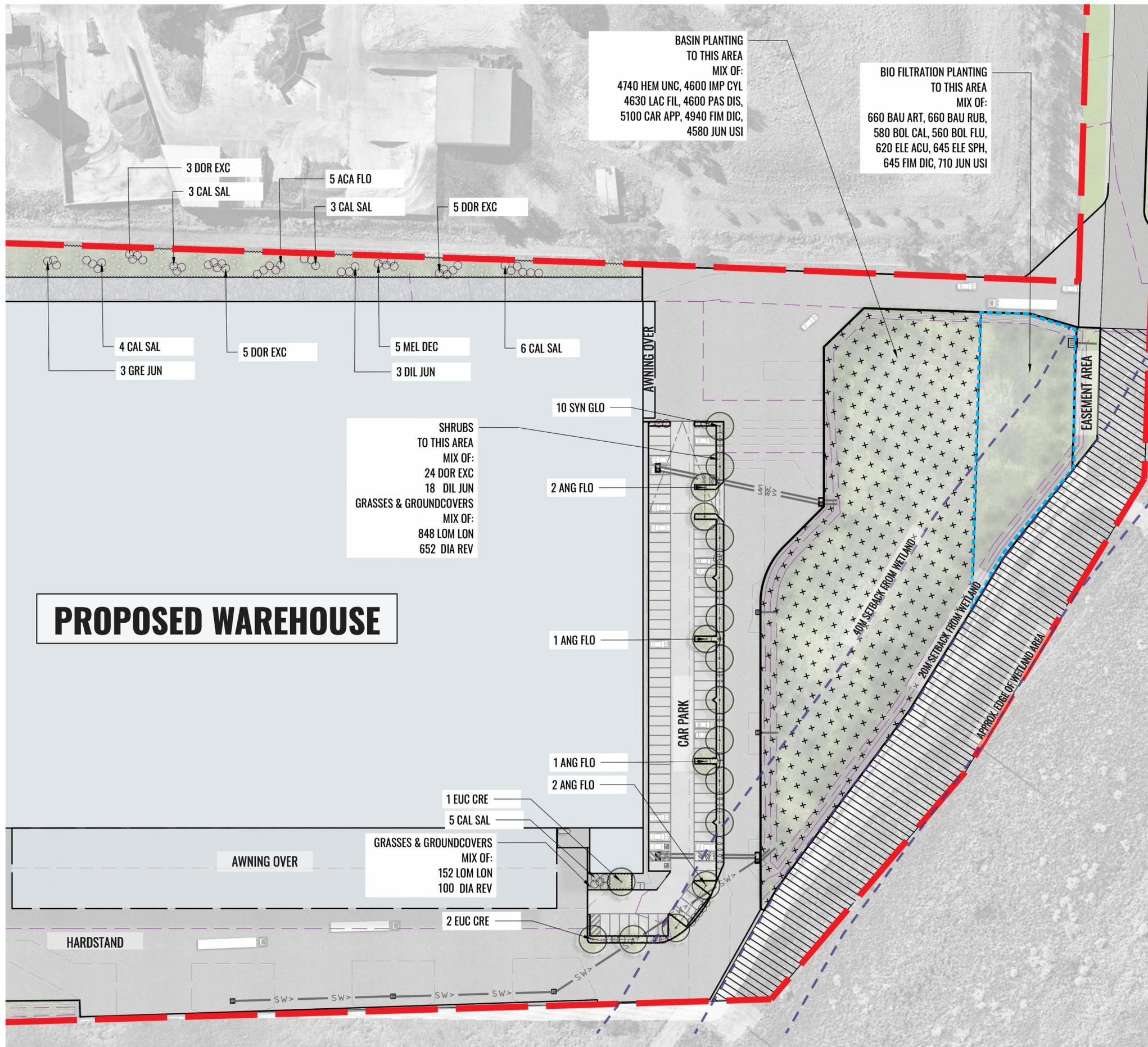
Architect:
watson young

Client:
Cadence

Scale: 1:500 @ A1
 1:1000 @ A3
 Date: 04.02.19
 Job Number: 181003
 Project: 128 Andrews Road
 Penrith NSW 2748

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A	19.10.18	FOR DA	CC	BG
B	26.10.18	FOR DA	CC	BG
C	02.11.18	FOR DA	CC	BG
D	04.02.19	BASIN PLANTING AMENDMENTS	CC	BG

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 Version: 1, Version Date: 08/02/2019



BASIN PLANTING TO THIS AREA
 MIX OF:
 4740 HEM UNC, 4600 IMP CYL
 4630 LAC FIL, 4600 PAS DIS,
 5100 CAR APP, 4940 FIM DIC,
 4580 JUN USI

BIO FILTRATION PLANTING TO THIS AREA
 MIX OF:
 660 BAU ART, 660 BAU RUB,
 580 BOL CAL, 560 BOL FLU,
 620 ELE ACU, 645 ELE SPH,
 645 FIM DIC, 710 JUN USI

SHRUBS TO THIS AREA
 MIX OF:
 24 DOR EXC
 18 DIL JUN
GRASSES & GROUNDCOVERS
 MIX OF:
 848 LOM LON
 652 DIA REV

GRASSES & GROUNDCOVERS
 MIX OF:
 152 LOM LON
 100 DIA REV

PROPOSED WAREHOUSE

LEGEND

- SITE BOUNDARY
- BIO - FILTRATION AREAS
- BASIN AREA
- MIX OF NATIVE GRASSES AND GROUNDCOVERS
- NATIVE ENDEMIC TREE PLANTING
- MIX OF NATIVE SHRUB PLANTING
- 3 ANG FLO — PLANTING CODES (REFER TO PLANTING LIST LDA-08)
- PROPOSED CONTOURS REFER TO CIVIL ENGINEER'S DETAILS
- RE-VEGETATION PLANTING TO FUTURE VMP AND DPI REQUIREMENTS (REFER TO REPORTS BY ECOLOGICAL AUSTRALIA)

Drawing Title:
Landscape Detailed Plan East
 DWG No:
LDA-04

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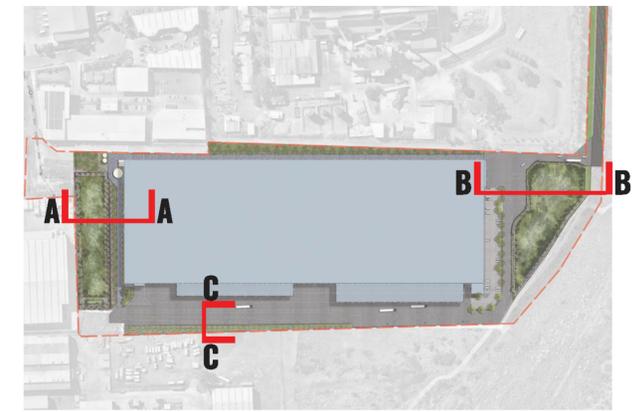
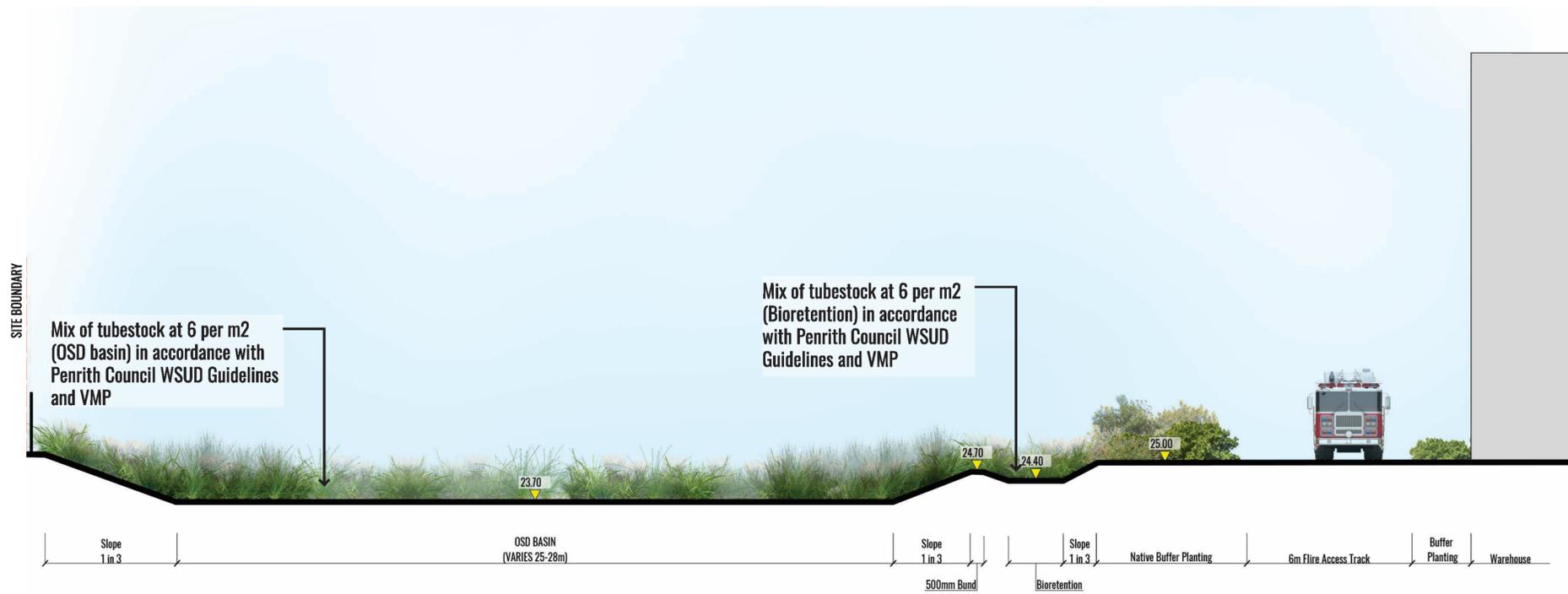
Architect:
watson young

Client:
Cadence

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 Date:
 04.02.19
 Job Number:
 181003
 Project:
 128 Andrews Road
 Penrith NSW 2748

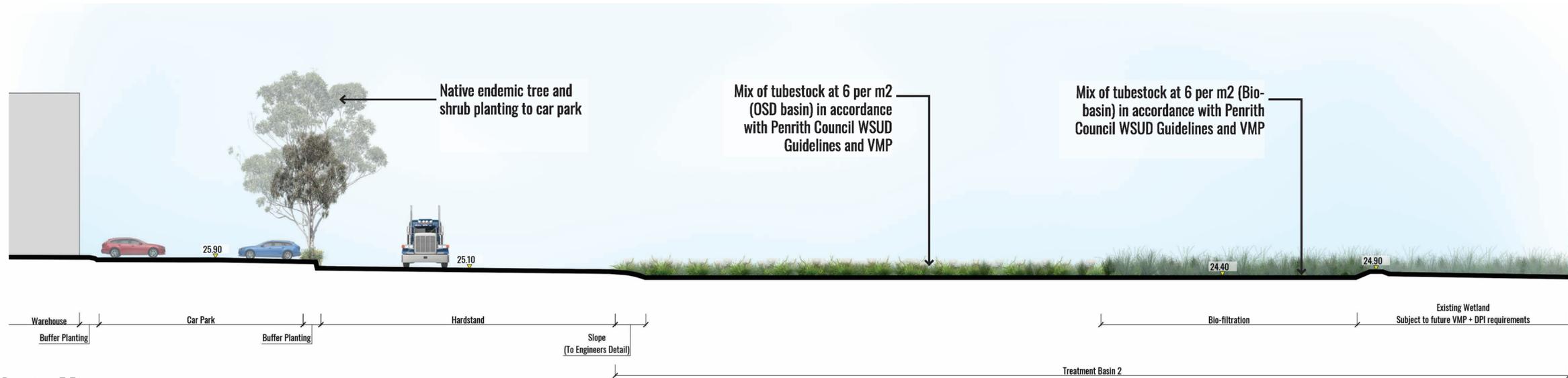
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B	26.10.18	FOR DA	CC	BG
C	02.11.18	FOR DA	CC	BG
D	04.02.19	BASIN PLANTING AMENDMENTS	CC	BG

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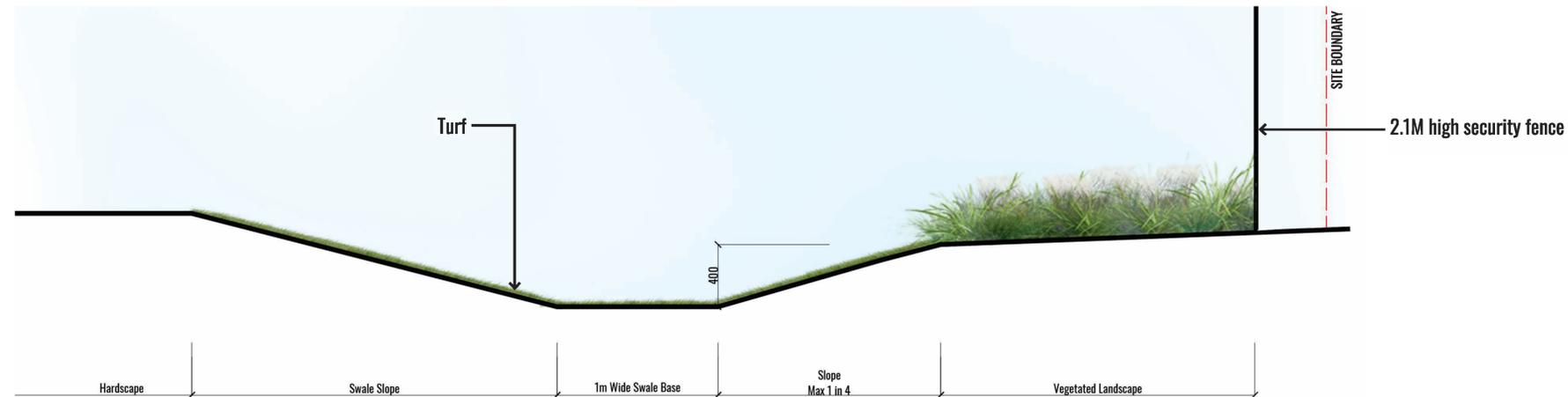


SECTION LOCATIONS

Section AA
1:100



Section BB
1:200



Section CC
1:20

Drawing Title:
Landscape Sections - AA & BB & CC
DWG No:
LDA-05

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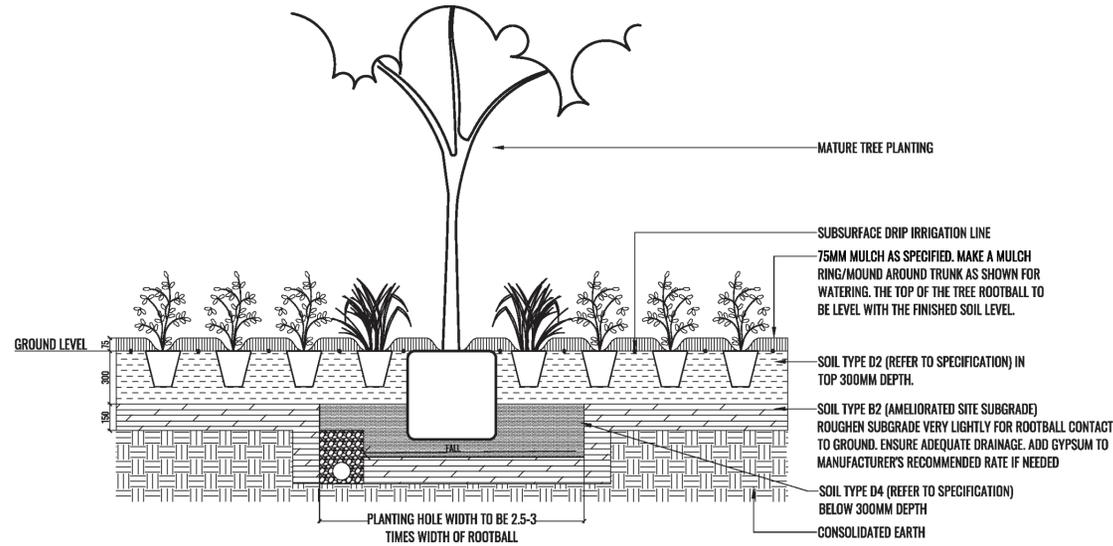
Architect:
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Client:
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Scale: AS SHOWN
Date: 04.02.19
Job Number: 181003
North: N/A
Project: 128 Andrews Road
Penrith NSW 2748

Revision			FOR DEVELOPMENT APPROVAL	
Rev	Date	Description	Drawn	Checked
-	12.10.18	DA DRAFT	CC	BG
A	19.10.18	FOR DA	CC	BG
B	26.10.18	FOR DA	CC	BG
C	02.11.18	FOR DA	CC	BG
D	04.02.19	BASIN PLANTING AMENDMENTS	CC	BG

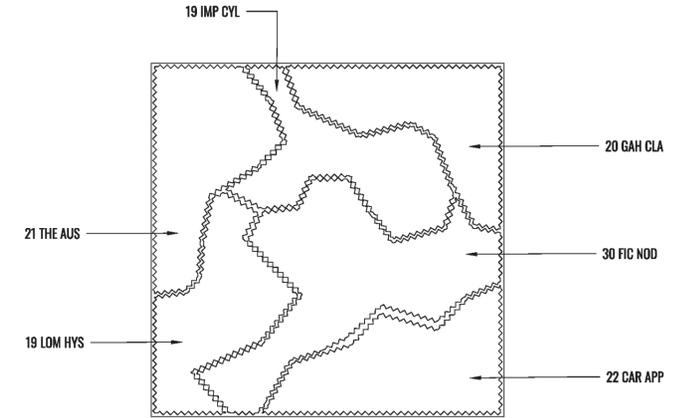
TREE/SHRUB SIZE AND QUALITY TO BE TO NATSPEC STANDARD. SPECIES IS TO BE AS PER PLAN AND PLANT SCHEDULE. ENSURE ONLY HEALTHY AND VIGOROUS, DISEASE FREE, WELL MAINTAINED PLANTS ARE USED.
TAKE CARE TO ENSURE FOLIAGE, BRANCHES, TRUNKS AND ROOT CROWNS ARE NOT DAMAGED BEFORE, DURING AND AFTER PLANTING.
ENSURE OPTIMUM MAINTENANCE AND ESTABLISHMENT OF TREES/SHRUBS OCCURS AS SOON AS THEY ARE AT SITE



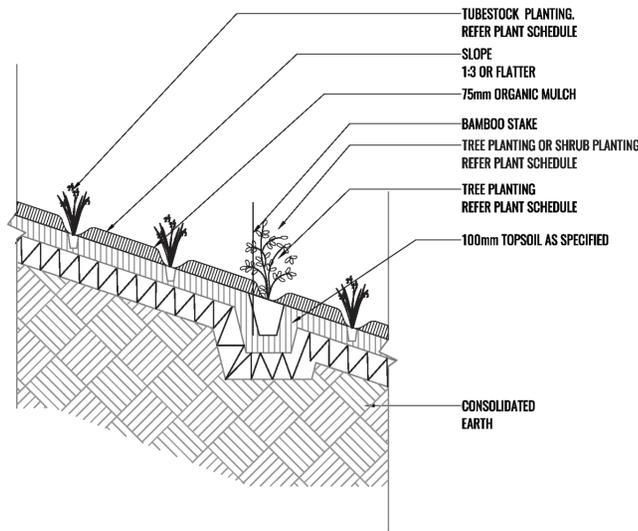
THOROUGHLY SOAK THE ROOTBALL OF TREE WITH FRESH WATER BEFORE TAKING OFF POT OR BAG. WHEN PLANTING HOLE IS COMPLETE USE A SHARP SPADE TO SHAVE OFF 20-50MM OF THE SIDES AND BASE OF ROOTBALL (TO ROOT PRUNE IT) BEFORE CAREFULLY PLACING INTO PLANTING HOLE. IF NORTH IS MARKED ON THE TREE, ENSURE ORIENTATION IS CORRECT WITH NORTH MARKING TO THE NORTH.

- REMOVE ANY STAKES, TIES AND LABELS. WATER ROOTBALL THOROUGHLY.
- TOP OF ROOTBALL TO FINISH FLUSH WITH TOP OF SOIL.

1 SEMI MATURE MASS PLANTING TYPICAL DETAIL SCALE 1:20



2 NATIVE GRASSES & GROUNDCOVERS MATRIX SCALE 1:50
TYPICAL GRASSES & GROUNDCOVERS 5M X 5M



3 TYPICAL TUBESTOCK PLANTING DETAIL ON 1:3 GRADE OR FLATTER SCALE 1:20

Drawing Title:
Typical Landscape Details Sheet 01
DWG No: **LDA-06A**

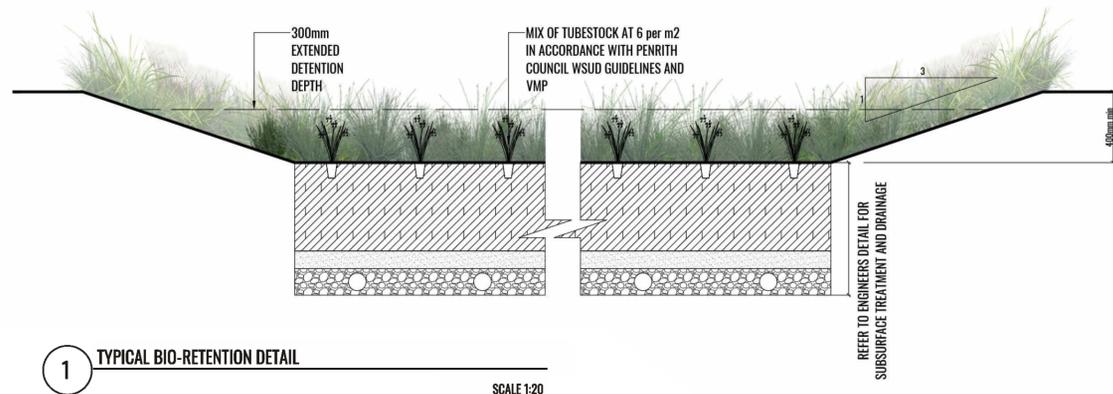
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Architect:
watson young

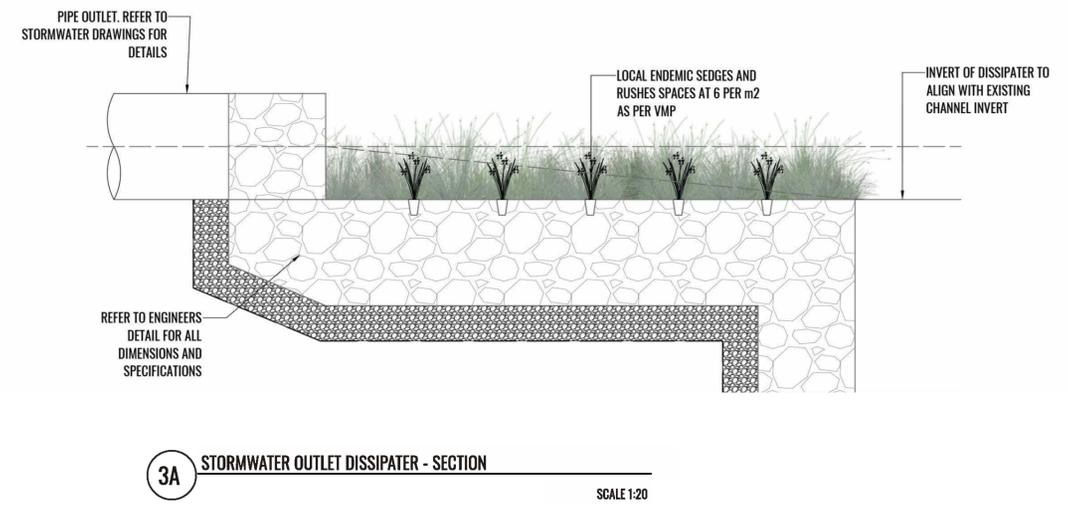
Client:
Cadence

Scale: AS SHOWN Date: 04.02.19 Job Number: 181003 North: N/A
Project: 128 Andrews Road Penrith NSW 2748

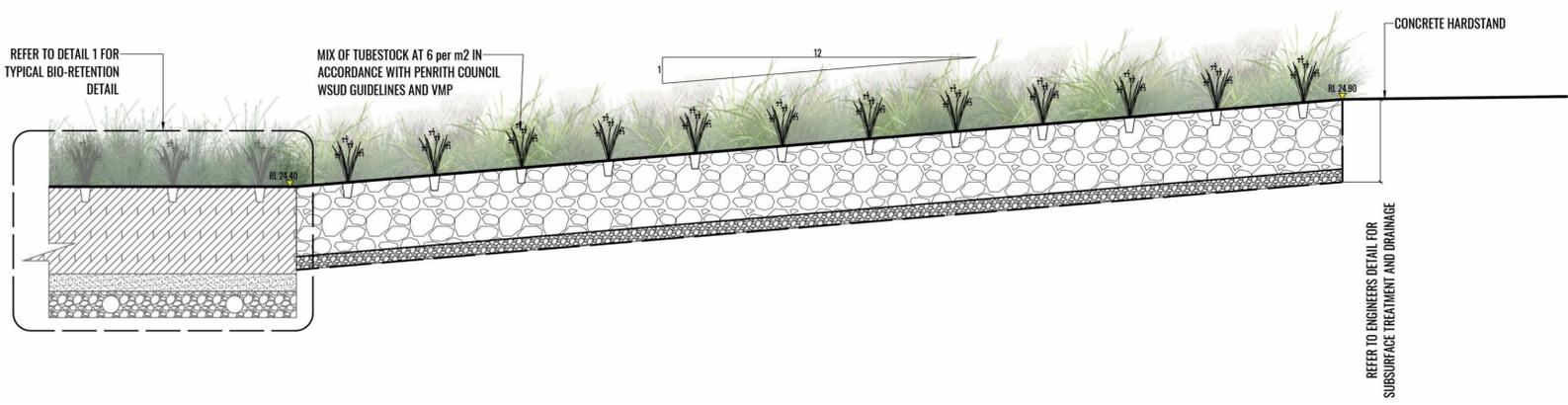
Revision				FOR DEVELOPMENT APPROVAL	
Rev	Date	Description	Drawn	Checked	
-	12.10.18	DA DRAFT	CC	BG	
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D	04.02.19	BASIN PLANTING AMENDMENTS	CC	BG	



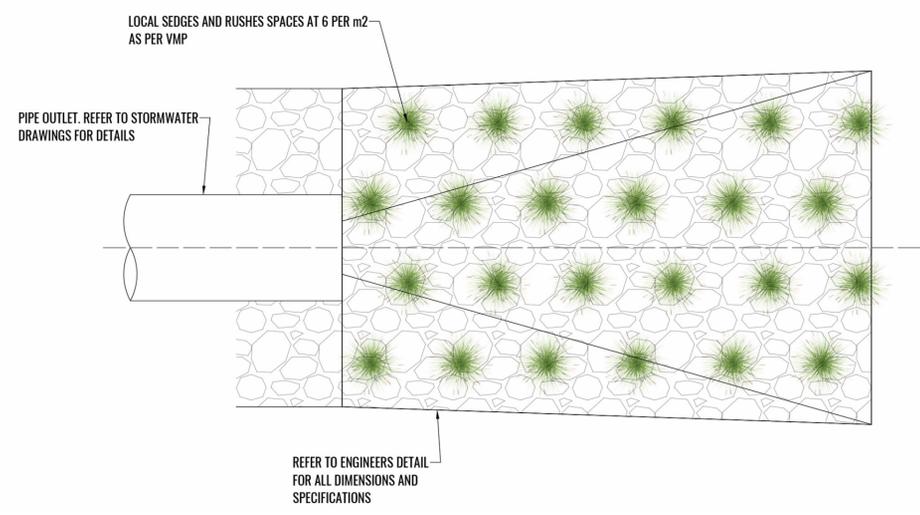
1 TYPICAL BIO-RETENTION DETAIL
SCALE 1:20



3A STORMWATER OUTLET DISSIPATER - SECTION
SCALE 1:20



2 TYPICAL THROUGH BASIN 1 WEIR
SCALE 1:20



3B STORMWATER OUTLET DISSIPATER - PLAN
SCALE 1:20

Drawing Title:
Typical Landscape Details Sheet 02
DWG No:
LDA-06B

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Architect:
watson young

Client:
Cadence

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General

Maintenance shall mean the care and maintenance of the landscape works by accepted horticultural practice as rectifying any defects that become apparent in the landscape works under normal use. The landscape contractor shall attend the site on a weekly basis to maintain the landscape works for the term of the maintenance period commencing from practical completion.

Standards

All grown or purchased plant stock must conform to all the conditions and requirements given in NATSPEC Guide: Specifying Trees. Soils to be in accordance with AS4419, mulching composts and conditioners to be in accordance with AS4454. Soils should conform to best practice specifications as listed in the Landscape Soils Handbook (Simon Leake & Elke Haege 2017).

Rubbish Removal

During the term of the maintenance period the Landscape Contractor shall undertake rubbish removal from the site on a weekly basis to ensure the site remains in tidy condition.

Weed Eradication

Weed growth that may occur in grassed, planted or mulched areas is to be removed using environmentally acceptable methods i.e. non-residual glyphosate herbicide (e.g. 'Roundup', applied in accordance with the manufacturer's directions).

Tree Replacement

Trees shall show signs of healthy vigorous growth and be free from disease and not exhibit signs of stress prior to handover to the client. Any trees or plant that die or fail to thrive, or are damaged or stolen will be replaced. Replacement material shall have the maintenance period extended in accordance with the landscape contract conditions. Trees and plant materials shall be equal to the minimum requirements of species specified and approved material delivered to site. Should the condition decline from the approved sample the Superintendent reserves the right to reject the tree / plants.

Frequency: as required.

Stakes

Adjust and/or replace stakes and ties where required. Remove staking and guying when instructed by the Superintendent

Pruning

Selective pruning may be required during the establishment period to promote a balanced canopy structure. These activities shall be carried out to the best horticultural and industry practice. All pruned material is to be removed from site.

Mulched Surfaces

All planter beds and garden areas shall have a minimum depth of 75mm Forest Fines mulch. All mulch is to be free of deleterious matter such as soil, weeds and sticks.

Mulched surfaces are to be kept clean and tidy and free of any deleterious material and foreign matter. Reinstate depths to a uniform level of 75mm with mulch as specified, mulch to be free of any wood material impregnated with CCA or similar toxic treatment. Top up mulch levels prior to handover to client.

Watering

Implement an appropriate hand watering regime in areas not irrigated in association with current watering programme to maintain plant health and vigour. The program shall reflect seasonal conditions and plant species.

Frequency: Weekly or as required.

Soil

Non-Australian native garden beds to have soil installed consisting of 50% existing site topsoil and 50% new topsoil equal or equivalent to 'Organic Garden Mix' as supplied by Australian Native Landscapes. Australian native garden beds to have soil installed consisting of 50% existing site topsoil and 50% new topsoil equal or equivalent to 'Native Low 'P' Mix' as supplied by Australian Native Landscapes. All garden bed areas to have minimum 300mm depth topsoil, 100mm depth to turf areas.

Pest and Disease Control

The Landscape Contractor shall spray for pests and disease infestations when the pest and fungal attack has been positively identified and when their populations have increased to a point that will become detrimental to plant growth. Apply all pesticides to manufacturer's directions.

Frequency: weekly inspection

Fertilising

Generally check for signs of nutrient deficiencies (yellowing of leaves, failure to thrive), and adapt fertiliser regime to suit. Fertiliser should be applied at the beginning and the end of the (summer) growing season.

Drawing Title:
Typical Specification Notes

DWG No:

LDA-07

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Architect:

**watson
young**

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Project: 128 Andrews Road
Penrith NSW 2748

General Landscape Planting

CODE	BOTANICAL NAME	COMMON NAME	MATURE HEIGHT	NATIVE	ENDEMIC	SIZE	PLANTING DENSITY	QTY*
Trees								
ANG flo	<i>Angophora floribunda</i>	Rough-Barked Apple	20m	✓	✓	45L	As Shown	6
SYN glo	<i>Syncarpia glomulifera</i>	Turpentine	25m	✓	✓	45L	As Shown	10
EUC cre	<i>Eucalyptus crebra</i>	Narrow-leaved Ironbark	12-18m	✓	✓	45L	As Shown	3
TRI lau	<i>Tristaniopsis laurina</i>	Rough Fruit Pittosporum	8m	✓	✓	45L	As Shown	3
Shrubs								
ACA flo	<i>Acacia floribunda</i>	White Sally Wattle	3-5m	✓	✓	Tube	As Shown	5
ACA par	<i>Acacia parramattensis</i>	Parramatta wattle	3-15m	✓	✓	Tube	As Shown	4
GRE jun	<i>Grevillea juniperina</i>	Juniper-leaf grevillea	3m	✓	✓	Tube	As Shown	10
CAL sal	<i>Callistemon salignus</i>	Willow Bottlebrush	1-10m	✓	✓	Tube	As Shown	46
DIL jun	<i>Dillwynia juniperina</i>	Prickly parrot pea	0.5 -2.5m	✓	✓	Tube	As Shown	46
DOR exc	<i>Doryanthes excelsa</i>	Gynea Lily	3m	✓	✓	Tube	As Shown	55
MEL dec	<i>Melaleuca decora</i>	White Feather Honey Myrtle	7m	✓	✓	Tube	As Shown	26
Grasses & Groundcovers								
CAR app	<i>Carex appressa</i>	Tall Sedge	1m	✓	✓	Tube	6/m2	3316
DIA rev	<i>Dianella revoluta</i>	Blue Flax-lily, Spreading Flax-lily	1m	✓	✓	Tube	6/m2	730
LOM fil	<i>Lomandra filiformis</i>	Wattle Mat Rush	0.5m	✓	✓	Tube	6/m2	3398
LOM lon	<i>Lomandra longifolia</i>	Spiny Mat Rush	0.8m	✓	✓	Tube	6/m2	4284
LOM mul	<i>Lomandra multiflora</i>	Many-flowered Mat-rush	0.9m	✓	✓	Tube	6/m2	1466
MIC sti	<i>Microlaena stipoides</i>	Weeping Grass, Meadow Rice-grass	1m	✓	✓	Tube	6/m2	3016
POA lab	<i>Poa labillardieri</i>	Tussock Poa	1.2m	✓	✓	Tube	6/m2	2076
SCA aem	<i>Scaevola aemula</i>	Fan Flower	0.5m	✓	✓	Tube	6/m2	3570



Angophora floribunda



Syncarpia glomulifera



Tristaniopsis laurina



Eucalyptus crebra



Grevillea juniperina



Callistemon salignus



Dillwynia juniperina



Doryanthes excelsa



Melaleuca decora



Scaevola aemula



Acacia parramattensis



Acacia floribunda



Lomandra filiformis



Poa labillardieri



Dianella revoluta



Gahnia clarkii



Lomandra longifolia



Lomandra multiflora

Bio-Filtration Planting



Baumea articulata



Eleocharis sphacelata



Eleocharis acuta



Bolboschoenus caldwellii



Juncus usitatus



Firmbristylis dichotoma

General Basin Planting Schedule

CODE	BOTANICAL NAME	COMMON NAME	MATURE HEIGHT	SIZE	PLANTING DENSITY	QTY*
Grasses and Groundcovers						
HEM unc	<i>Hemarthria uncinata</i>	Matgrass	1.2m	Tube	6/m2	9098
IMP cyl	<i>Imperata cylindrica</i>	Blady Grass	1.5m	Tube	6/m2	8700
LAC fil	<i>Lachnagrostis filiformis</i>	Blown Grass	0.7m	Tube	6/m2	8860
PAS dis	<i>Paspalum distichum</i>	Water Couch	1m	Tube	6/m2	9450
CAR app	<i>Cares appressa</i>	Tall sedge	1m	Tube	6/m2	9200
FIM dic	<i>Fimbristylis dichotoma</i>	Common Fringe-sedge	1.5m	Tube	6/m2	8390
JUN usi	<i>Juncus usitatus</i>	Common Rush	1.2m	Tube	6/m2	8630

Biofiltration Planting Schedule

CODE	BOTANICAL NAME	COMMON NAME	MATURE HEIGHT	SIZE	PLANTING DENSITY	QTY*
Sedges & Rushes						
BAU art	<i>Baumea articulata</i>	Joined Twig-rush	1.2m	Tube	6/m2	1117
BAU rub	<i>Baumea rubiginosa</i>	Twig-rush	1m	Tube	6/m2	1100
BOL cal	<i>Bolboschoenus caldwellii</i>	Club-rush	1m	Tube	6/m2	965
BOL flu	<i>Bolboschoenus fluviatilis</i>	Marsh club-rush	1m	Tube	6/m2	945
ELE acu	<i>Eleocharis acuta</i>	Common Spike Sedge	1.2m	Tube	6/m2	1060
ELE sph	<i>Eleocharis sphacelata</i>	Tall Spike-rush	0.5m	Tube	6/m2	1102
FIM dic	<i>Fimbristylis dichotoma</i>	Common Fringe-sedge	1.5m	Tube	6/m2	1005
JUN usi	<i>Juncus usitatus</i>	Common Rush	1.2m	Tube	6/m2	1290

*QTY INDICATIVE
FINAL NUMBERS TO BE CALCULATED AT CC/CONSTRUCTION STAGE

Drawing Title:
Planting Schedule & Images

DWG No:

LDA-08

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