

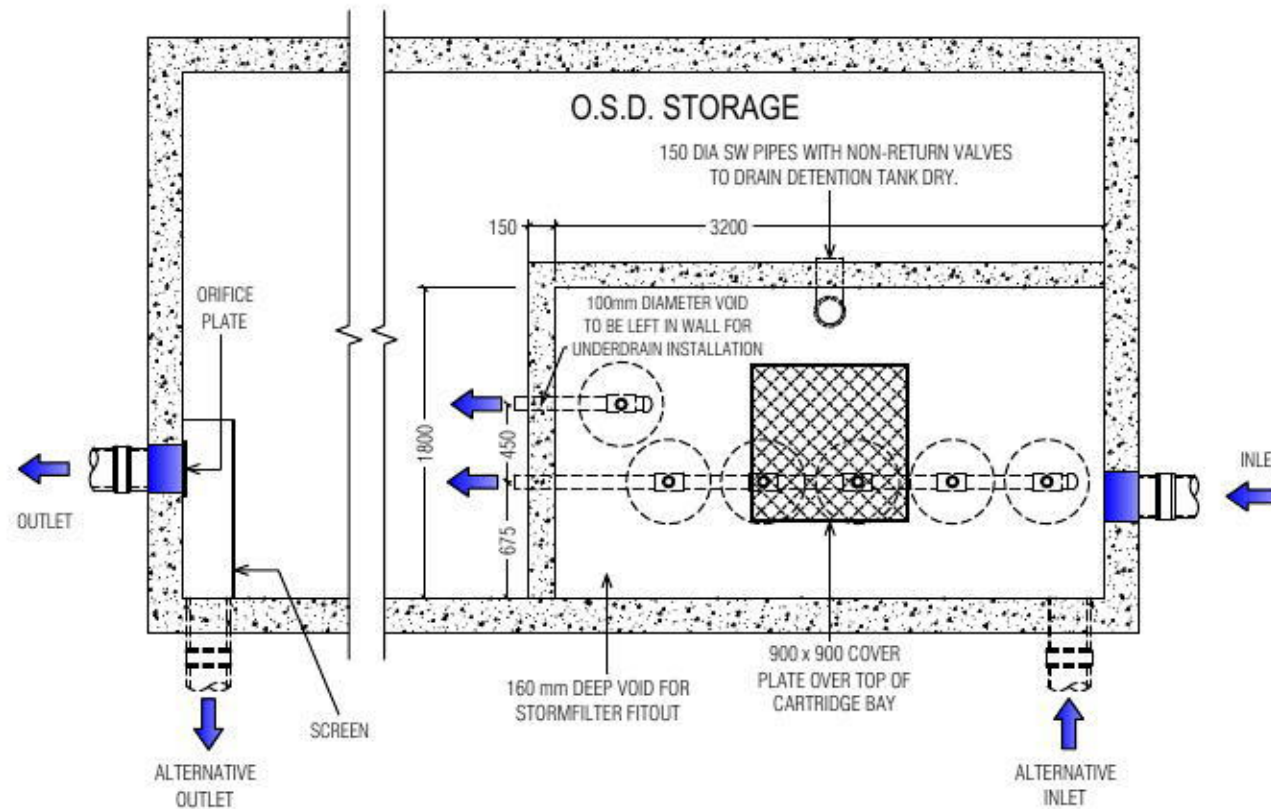
STORMFILTER DESIGN TABLE

- THE SIZE 3.2 x 1.8m STORMFILTER TREATMENT CAPACITY VARIES BY NUMBER OF FILTER CARTRIDGES INSTALLED AND BY REGION SPECIFIC INTERNAL FLOW CONTROLS.
- THE STANDARD CONFIGURATION IS SHOWN. ACTUAL CONFIGURATION OF THE SPECIFIED STRUCTURE(S) PER CIVIL ENGINEER WILL BE SHOWN ON SUBMITTAL DRAWING(S).
- ALL PARTS PROVIDED AND INTERNAL ASSEMBLY BY STORMWATER360 UNLESS OTHERWISE NOTED.

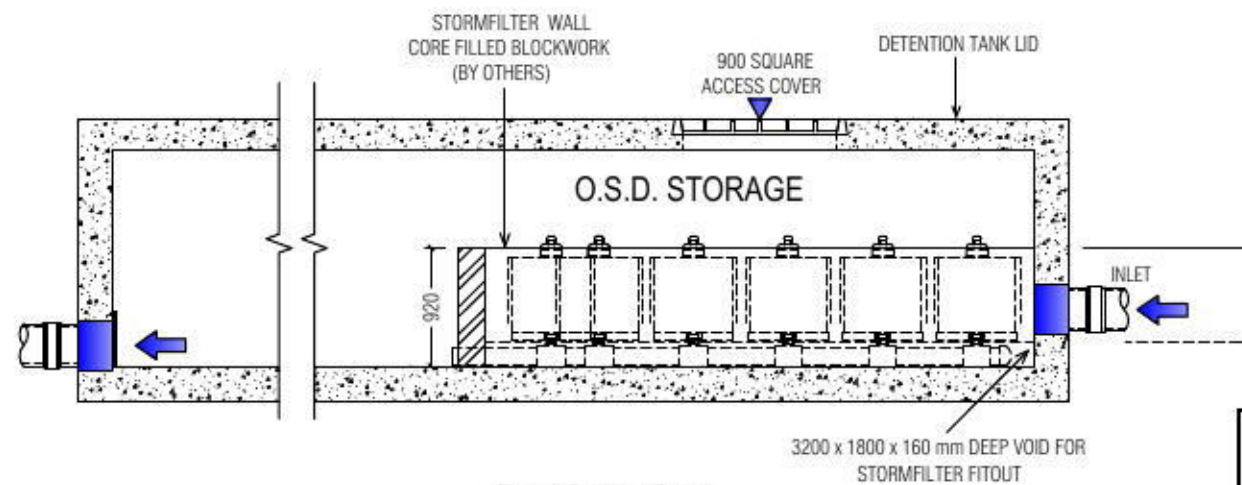
CARTRIDGE HEIGHT	690		460		310	
SYSTEM HYDRAULIC DROP (H - REQ'D. MIN.)	930		700		550	
TREATMENT BY MEDIA SURFACE AREA L/S/m ²	1.4	0.7	1.4	0.7	1.4	0.7
CARTRIDGE FLOW RATE (L/s)	1.42	0.71	0.95	0.47	0.63	0.32

GENERAL NOTES

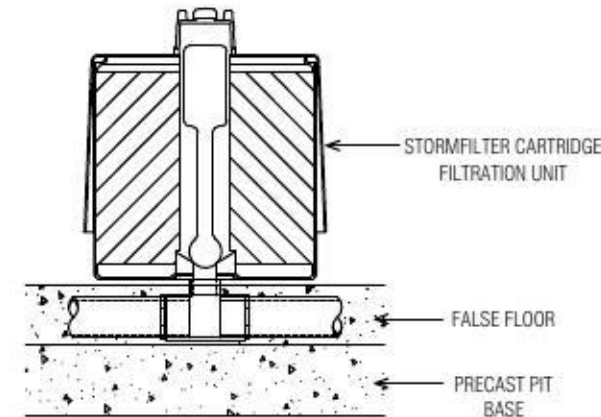
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4. SEE STORMFILTER DESIGN TABLE FOR REQUIRED HYDRAULIC DROP. FOR SHALLOW, LOW DROP OR SPECIAL DESIGN CONSTRAINTS, CONTACT STORMWATER360 FOR DESIGN OPTIONS.
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9. CARTRIDGE HEIGHT AND ASSOCIATED DESIGN PARAMETERS PER STORMFILTER DESIGN TABLE.
10. STORMFILTER BY STORMWATER360: SYDNEY (AU) PHONE: 1300 354 722 www.stormwater360.com.au



PLAN LAYOUT



SECTION



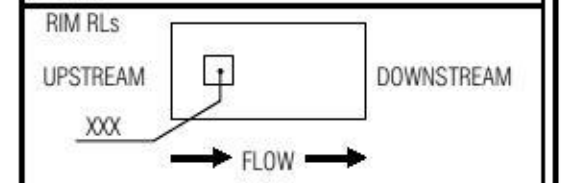
STORMFILTER CARTRIDGE DETAIL

SITE SPECIFIC DATA REQUIREMENTS

STRUCTURE ID	XXX
WATER QUALITY FLOW RATE (L/S)	XXX
PEAK FLOW RATE (L/S)	XXX
RETURN PERIOD OF PEAK FLOW (yrs)	XXX
# OF CARTRIDGES REQUIRED	XXX
CARTRIDGE HEIGHT (310, 460 or 690mm)	690
MEDIA TYPE (PERLITE, PERLITE/ZEOLITE OR ZPG)	XXX

PRECAST VAULT WEIGHT	- kg
PRECAST LID WEIGHT	- kg

PIPE DATA:	I.L.	MATERIAL	DIAMETER
INLET PIPE #1	XXX	MATERIAL	XXX
INLET PIPE #2	XXX	MATERIAL	XXX
OUTLET PIPE	XXX	MATERIAL	XXX



LADDER	YES/NO
ANTI-FLOTATION BALLAST	XXX XXX

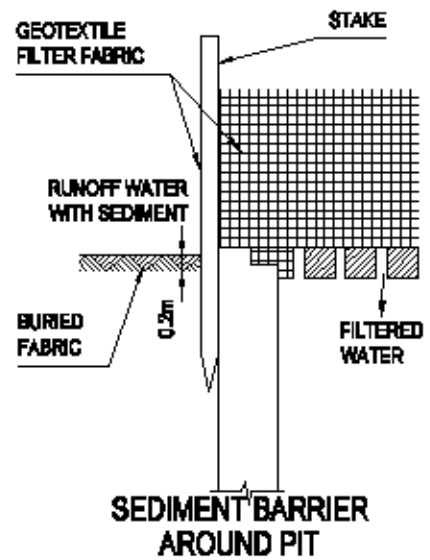
NOTES/SPECIAL REQUIREMENTS:

Stormwater360

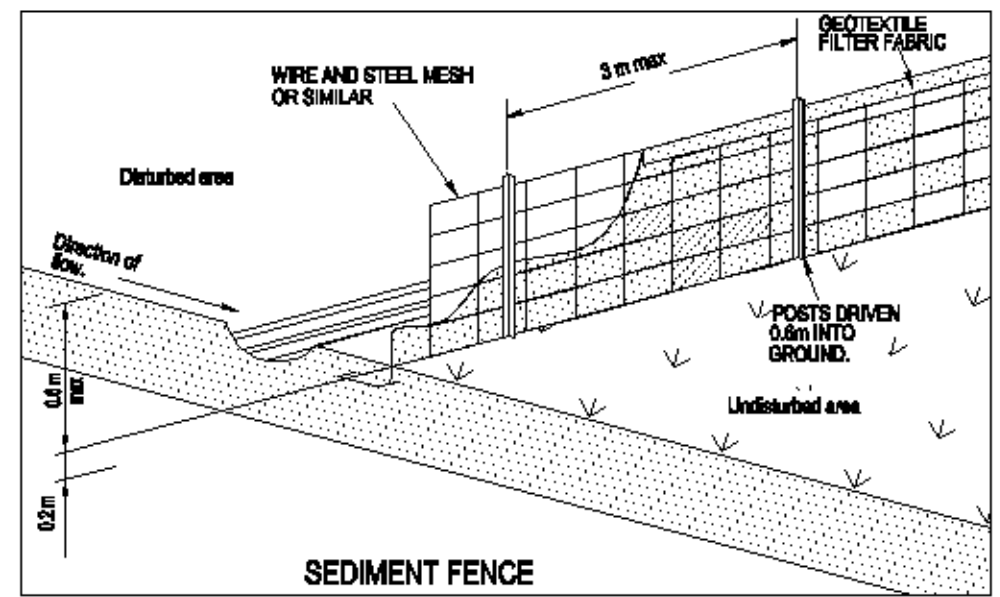
STORMWATER360
STORMFILTER DETENTION TANK
6 CARTRIDGE STORMFILTER SYSTEM
FIRST FLUSH GENERAL ARRANGEMENT

DRAWING
1
A

DATE: 15.03.12 FILE NAME: 6C-DET-TANK-STD-690 DRN: R.P. CHK: A.M.

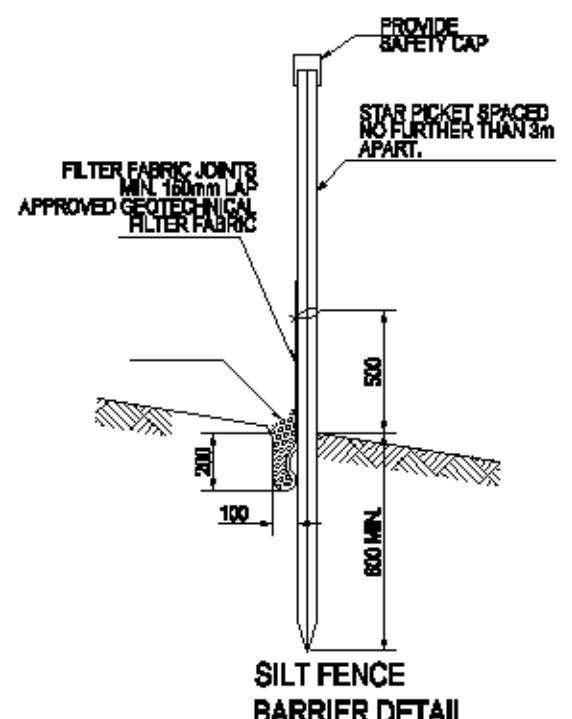


AREA CALCULATIONS	
SITE AREA	:2090.32 Sqm
EXISTING SITE	
BUILDING	:1016.50 Sqm
SHEDS	:73.20 Sqm
CARPORT/DRIVEWAY	:224.50 Sqm
TOTAL IMPERVIOUS AREA	:1314.20 Sqm
PERCENTAGE	:62.82%
PROPOSED SITE	
BUILDING	:1434.50 Sqm
DRIVEWAY	:41.90 Sqm
PAVED AREA	:74.95 Sqm
TOTAL IMPERVIOUS AREA	:1551.35 Sqm
PERCENTAGE	:74.22%
AS PER COUNCIL STORMWATER DCP STORMWATER MANAGEMENT PLAN	
1.	INSTALLATION OF PIPE SYSTEM
2.	OSD
3.	PUMP OUT SYSTEM-BASEMENT



CONSTRUCTION NOTES

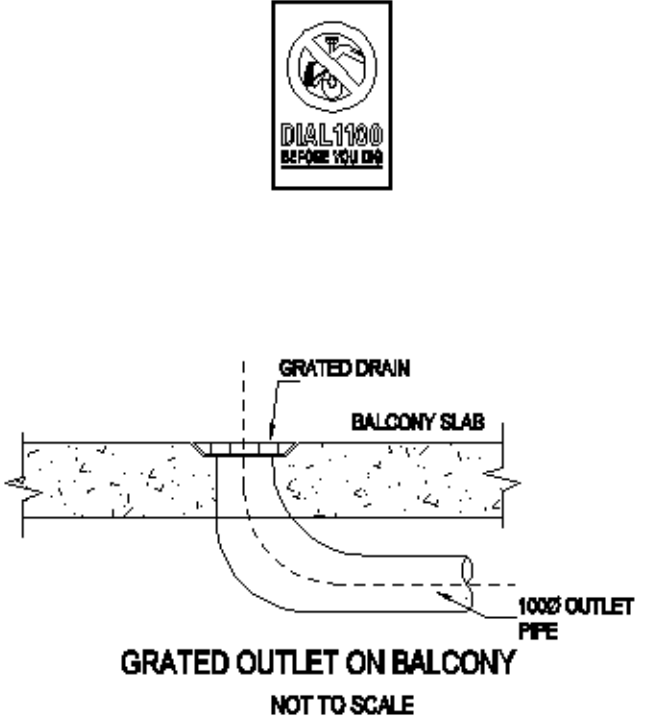
1. FABRICATE A SEDIMENT BARRIER MADE FROM GEOTEXTILE
2. SUPPORT GEOTEXTILE WITH MESH TIED TO POSTS AT 1000mm CENTRES.
3. DO NOT COVER INLET WITH GEOTEXTILE
4. INSTALL & SUPPLY GEOTEXTILE AS PER SITE FENCE BARRIER DETAIL.



PROVIDE SILT FENCE AT BOUNDARY OF SITE AS SHOWN ON PLAN

EROSION & SEDIMENT CONTROL

1. Sediment control devices are to be in place prior to any demolition or construction.
2. Construct a silt barrier fence where shown on plan and to details above.
3. Sediment control devices are to be maintained, in good working order, until completion of all site works or to the satisfaction of Council's supervising officer.
4. Provide HAY BALE BARRIERS around all existing surface inlet pits during cons.
5. Install stabilised site access as per detail over.



IMPORTANT

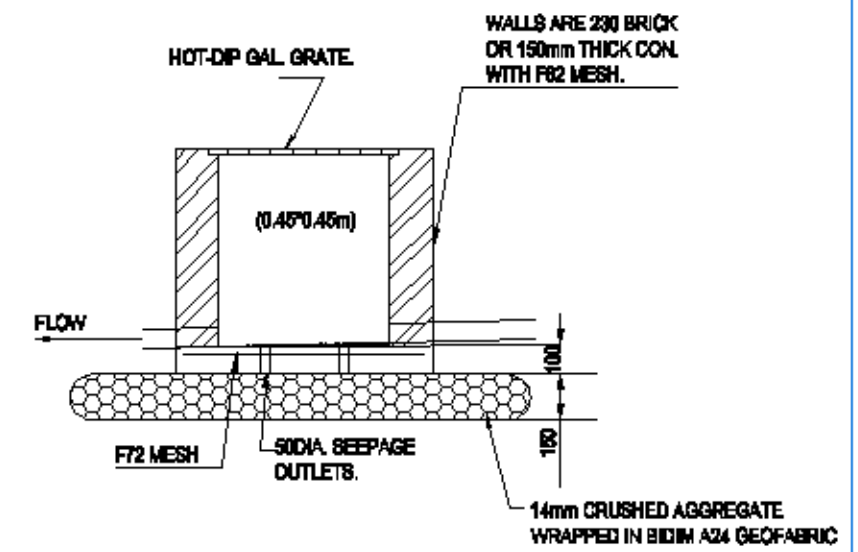
All existing services shown on this plan are approximate location only. The contractor is to verify the exact location and level of all existing services prior to commencement of excavation work for pipe laying. The contractor is to meet the full cost to relocate or adjust Telstra, Energy Australia, Sydney water or Natural gas services as required.

SYMBOLS & NOTATIONS

- STORMWATER DRAINAGE LINE
- [Grid Symbol] GRATED INLET PIT
- G. DESIGNED GRATE LEVEL
- I. INVERT LEVEL OF PIPE
- DP DOWN PIPE Ø200mm OR 100x75mm
- RL REDUCED LEVEL (DESIGNED)
- SILT BARRIER FENCE
- ← SURFACE RUNOFF DIRECTION
- VD VERTICAL DROP (≥100mm)

ABBREVIATED ROOF WATER RUNOFF CALCULATIONS

ARI = 1:100 yr.
 I = 206.10mm/hr.
 T_p = 6 min.
 C = 1
 Q = CIA/3600 l/s
 RUNOFF RATE FOR EACH CATCHMENT AREAS ARE MARKED ON THE PLAN.



TYPICAL INLET PIT DETAIL (NOT TO SCALE)

IMPORTANT

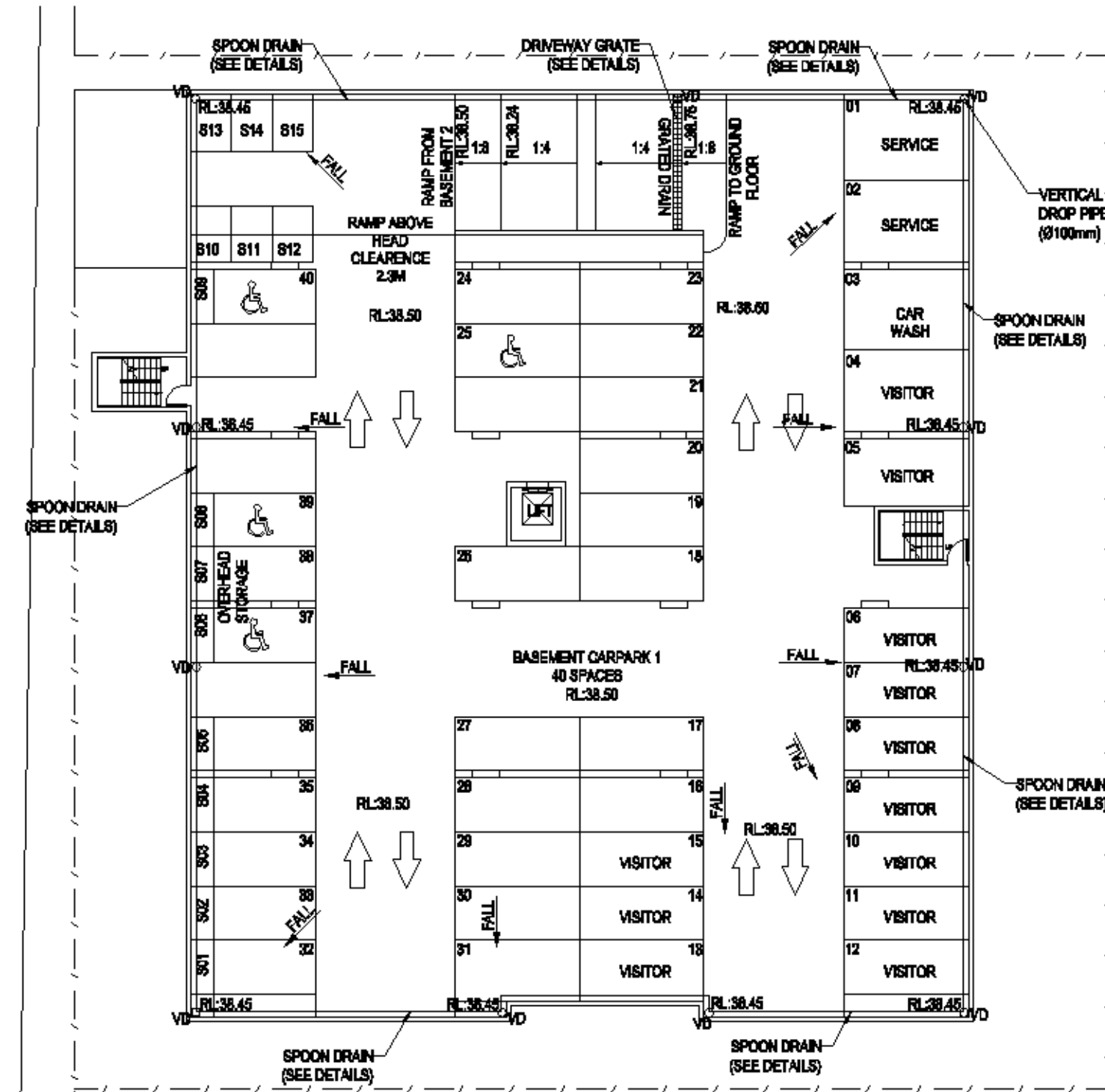
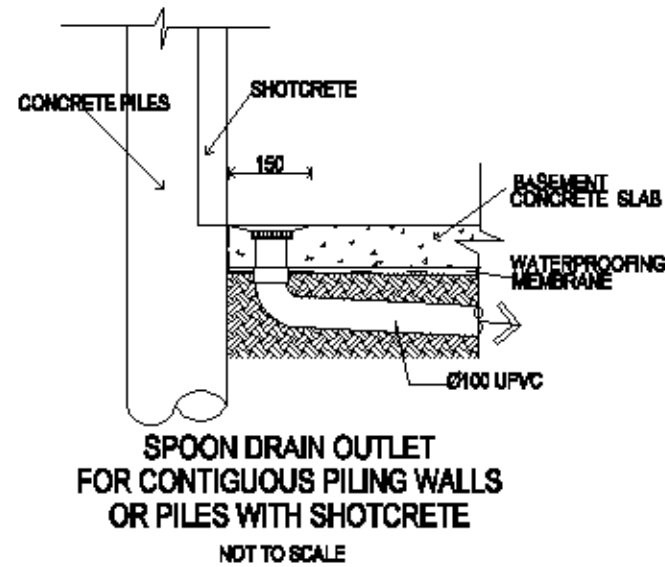
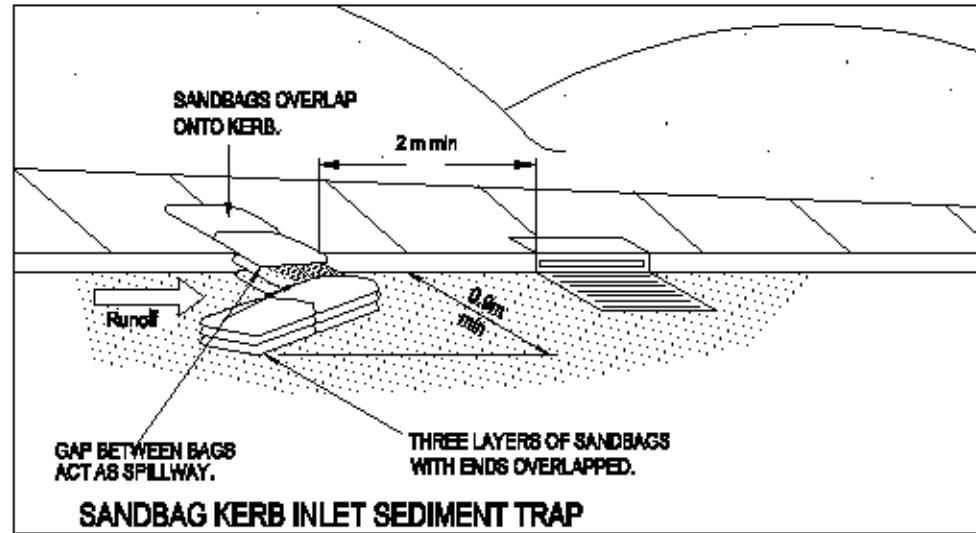
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 ABN 45 353 228 008
 UNIT 5, 1-3 WHYALLA PLACE, PRESTONS NSW 2170
 PH: (02) 8867 2884 OR (02) 8798 6817 FAX: (02) 8731 2081
 MOB: 0419 041 401

APPROVED: _____
 CLIENT: CHRIS KHOURY
 CLIENT No: 7804
 PROJECT: 115 - 119 DERBY STREET
 PENRITH

TITLE: STORMWATER AND SEDIMENT MANAGEMENT PLAN		ISSUED FOR CONSTRUCTION	
DRAWN: MM		DATE: 08/12/15	
SCALE: AS NOTED		JOB No: 7804 SHEET No: 02 OF 07	

ISSUE:	DATE:	REVISIONS
A	08/12/15	ISSUED FOR DA



**PROPOSED STORMWATER SYSTEM
AT BASEMENT-1 CARPARK**

SCALE: 1: 250 IN A3

A	08/12/16	ISSUED FOR DA	
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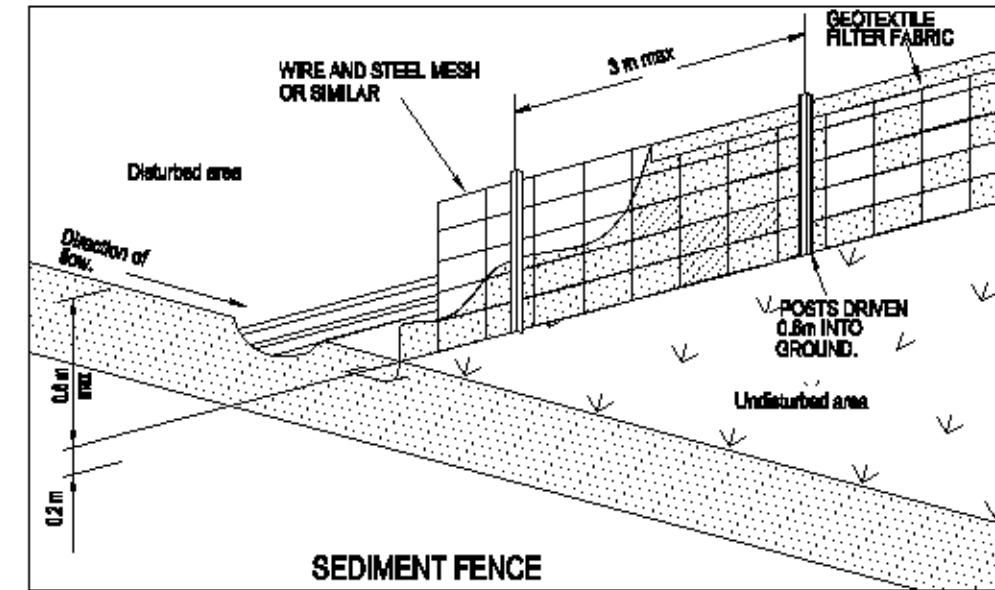
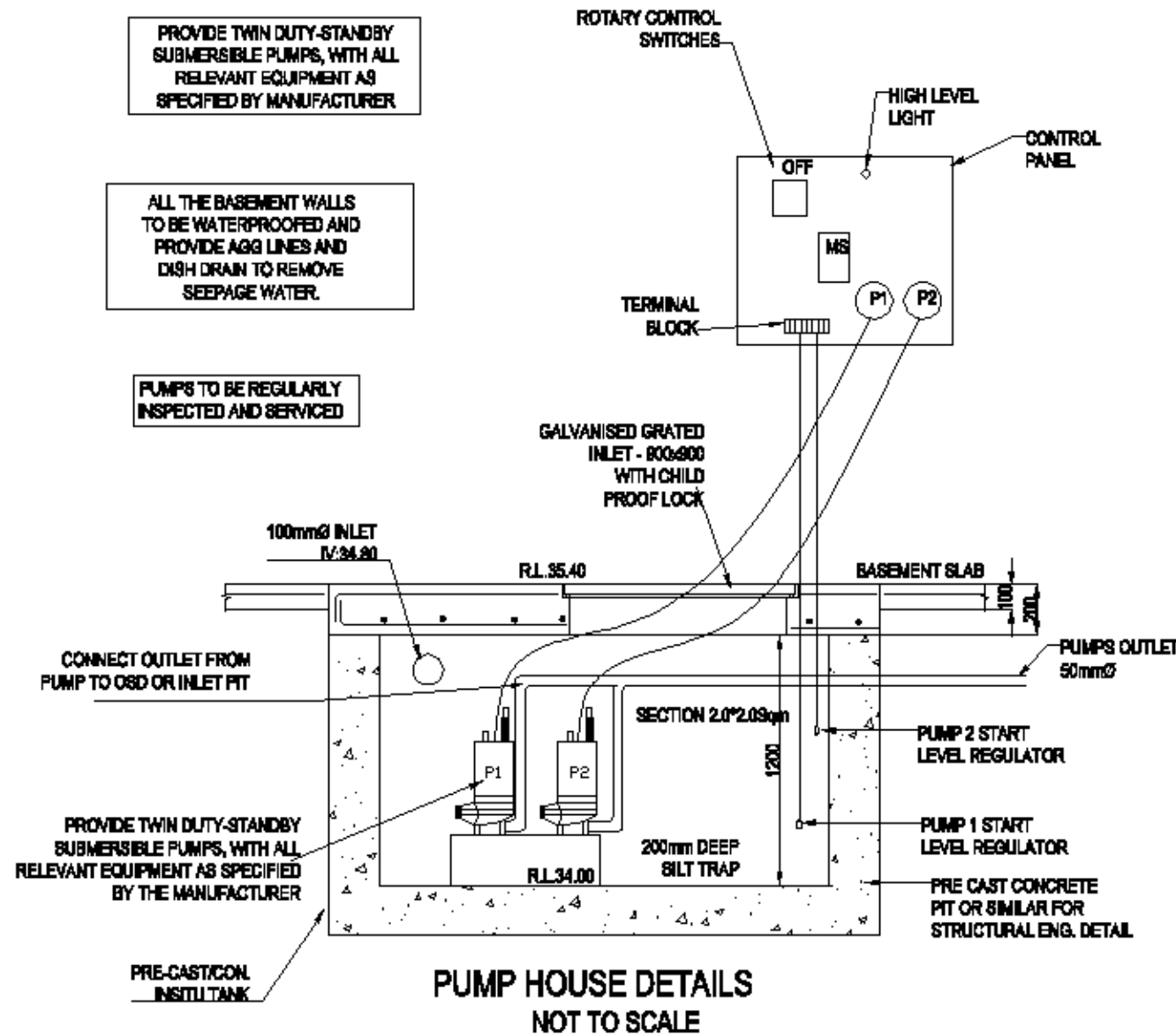
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CONCEPT PLAN



PUMP SPECIFICATIONS STANDARD PUMP-OUT NOTES

THE PUMP-OUT SYSTEM IS DESIGNED TO WORK IN THE FOLLOWING MANNER -

1. THE PUMPS SHALL BE PROGRAMMED TO WORK ALTERNATELY SO AS TO ALLOW BOTH PUMPS TO HAVE EQUAL OPERATION LOAD & PUMP LIFE.
2. A LOW LEVEL FLOAT SHALL BE PROVIDED TO ENSURE THAT THE MINIMUM REQUIRED WATER LEVEL IS MAINTAINED WITHIN THE SUMP AREA OF THE BELOW GROUND TANK. IN THIS REGARD THIS FLOAT WILL FUNCTION AS AN OFF SWITCH FOR THE PUMPS.
3. A SECOND FLOAT SHALL BE PROVIDED AT A HIGHER LEVEL, APPROXIMATELY 300mm ABOVE THE MINIMUM WATER LEVEL, WHEREBY ONE OF THE PUMPS WILL OPERATE & DRAIN THE TANK TO THE LEVEL OF THE LOW LEVEL FLOAT.
4. A THIRD FLOAT SHALL BE PROVIDED AT A HIGH LEVEL, WHICH IS APPROXIMATELY THE ROOF LEVEL OF THE BELOW GROUND TANK. THIS FLOAT SHOULD START THE OTHER PUMP THAT IS NOT OPERATING & ACTIVATE THE ALARM.
5. AN ALARM SYSTEM SHALL BE PROVIDED WITH A FLASHING STROBE LIGHT & A PUMP FAILURE WARNING SIGN WHICH ARE TO BE LOCATED AT THE DRIVEWAY ENTRANCE TO THE BASEMENT LEVEL. THE ALARM SYSTEM SHALL BE PROVIDED WITH A BATTERY BACK-UP IN CASE OF POWER FAILURE.



INSTALL RAINWATER HEAD AS PER MANUFACTURER'S SPECIFICATIONS

WARNING:
PUMP OUT SYSTEM FAILURE IN BASEMENT WHEN LIGHT IS FLASHING AND SIREN SOUNDING

PUMP WELL DETAILS

SUMP SIZE AND PUMP SIZE BASE ON 100 YEAR 90 MIN STORM INTENSITY IS 41.90 mm/hr
 DRIVEWAY: 50.40 Sqm
 VOLUME = (50.40 * 41.90 / 3600) * 90 * 60 * 1000 = 3.17 m³
 STORAGE PROVIDED 2000 * 2000 * 1000 = 4.00 m³
 PUMP OUT RATE BASED ON 5 YR 90 MIN. STORM = 38.40 mm/hr
 PUMP RATE = 41.90 * 38.40 / 3600 = 0.47 l/s (MIN)
 DUAL PUMPS TO BE INSTALLED IN SUMP AND CONNECTED TO CONTROL PANEL WHICH WILL ALLOW FOR THE PUMPS TO ACT ALTERNATIVELY PUMPING 0.5 l/s AT 10 m HEAD (MIN)

BASEMENT PUMPOUT FAILURE WARNING SIGN

NOTE:
1- SIGN SHALL BE PLACED IN A CLEAR AND VISIBLE LOCATION WHERE VEHICLES ENTER THE BASEMENT

COLOUR:
WARNING : RED
BORDER AND LETTERING : BLACK

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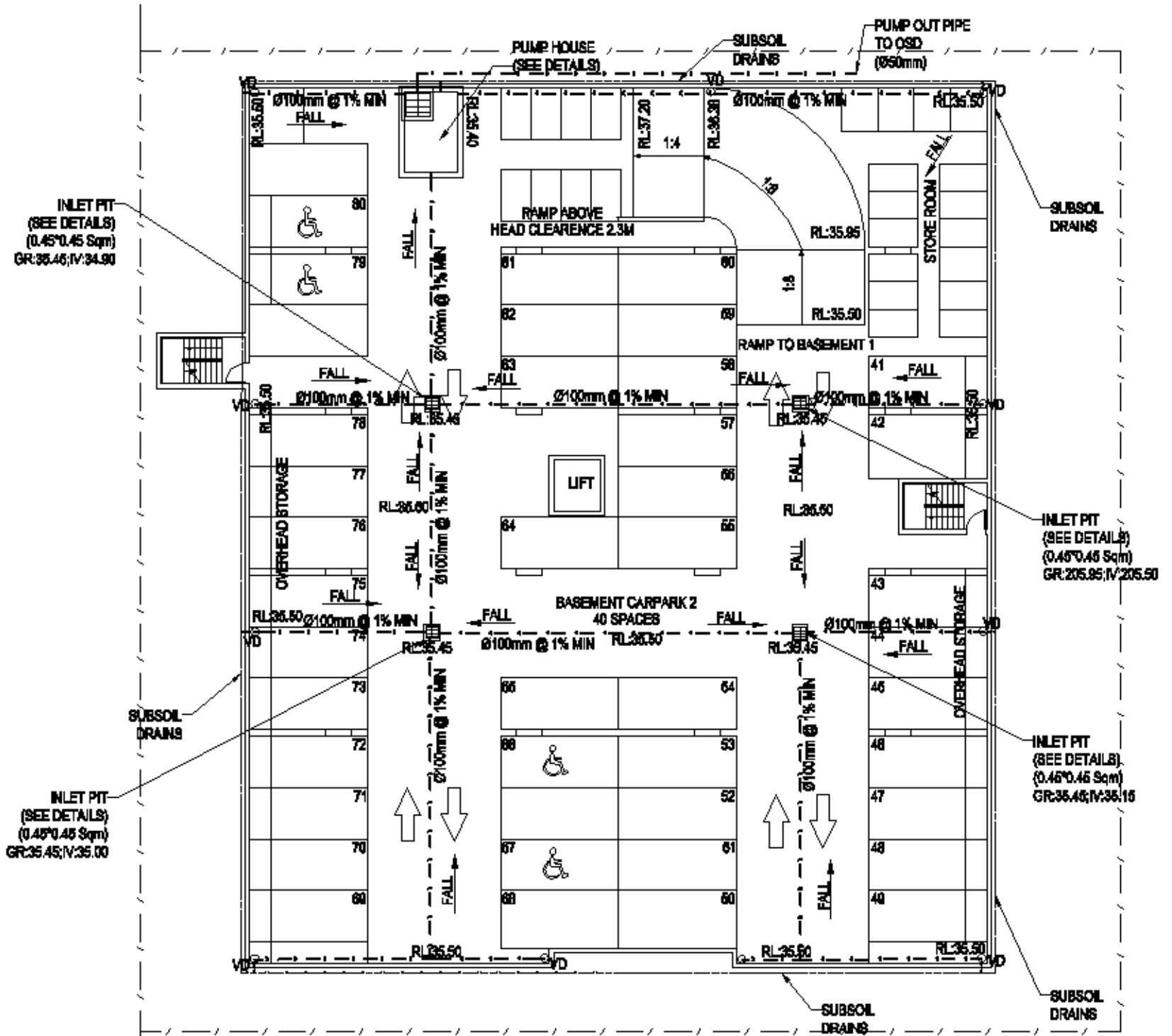
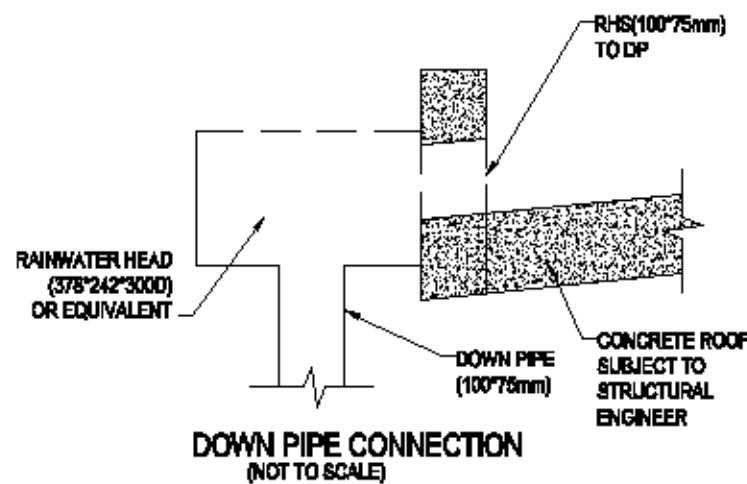
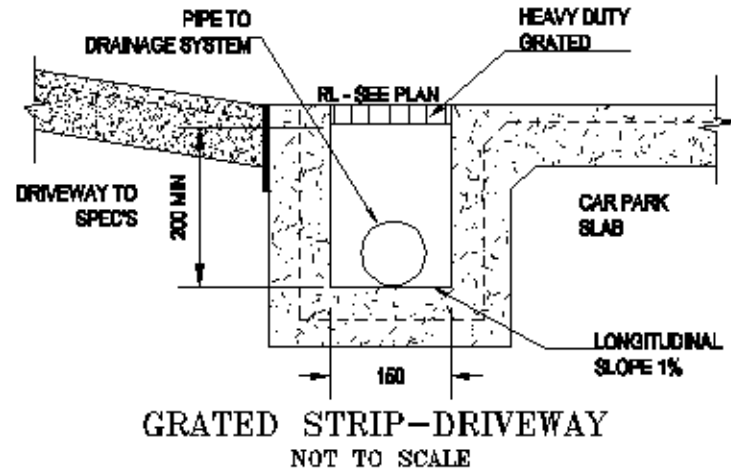
JOB No: 7804

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DESIGN AND CONSTRUCTION OF SUBSOIL DRAINAGE AS PER ASS500.3-1990

ALL THE BASEMENT WALLS TO BE WATERPROOFED AND PROVIDE AGG LINES AND SPOON DRAIN TO REMOVE SEEPAGE WATER.



PROPOSED STORMWATER SYSTEM AT BASEMENT-2 CARPARK
SCALE: 1:200 IN A3

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MOB: 0419 041 401

APPROVED: _____
CLIENT: CHRIS KHOURY
CLIENT No: 7804
PROJECT: 115-119 DERBY STREET
PENRITH

STORMFILTER DESIGN TABLE

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CARTRIDGE HEIGHT	660		460		310	
SYSTEM HYDRAULIC DROP (H - REQ'D. MIN.)	830		700		550	
TREATMENT BY MEDIA SURFACE AREA L/8/m ²	1.4	0.7	1.4	0.7	1.4	0.7
CARTRIDGE FLOW RATE (L/s)	1.42	0.71	0.95	0.47	0.63	0.32

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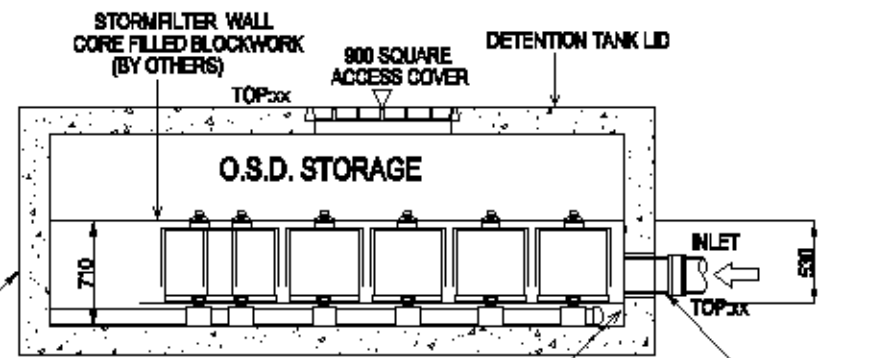
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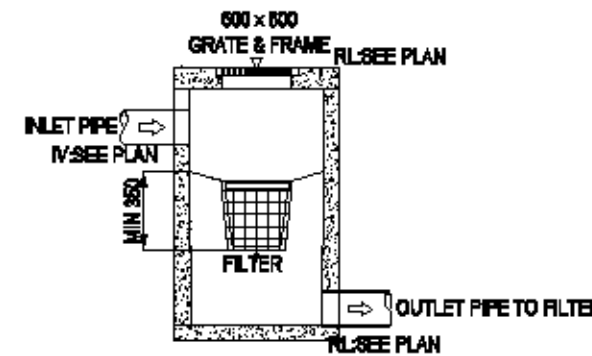


SEE SHEET 4 FOR
STORMWATER FILTER
AND INTERNAL SECTION
DETAILS AND FOR MORE DETAILS
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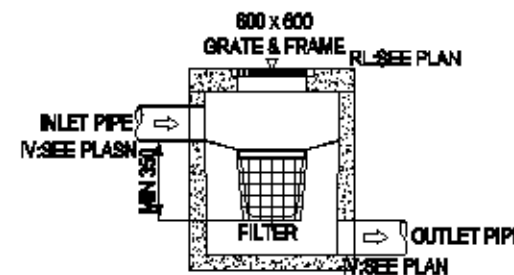
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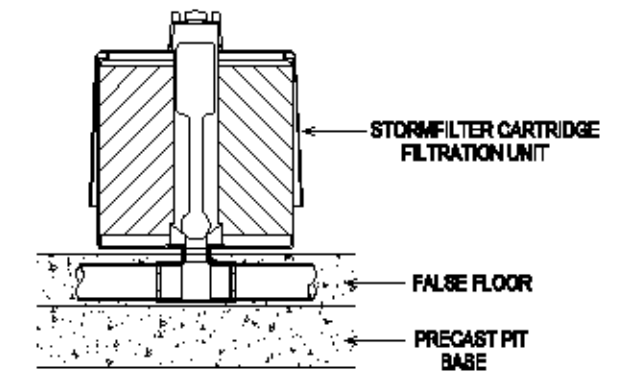
SECTION ON B-B



ENVIROPOD-1
(NOT TO SCALE)



ENVIROPOD-2
(NOT TO SCALE)



STORMFILTER
CARTRIDGE DETAIL
(NOT TO SCALE)

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PENRITH

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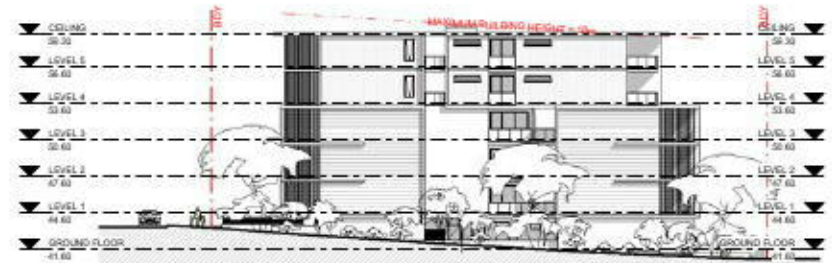
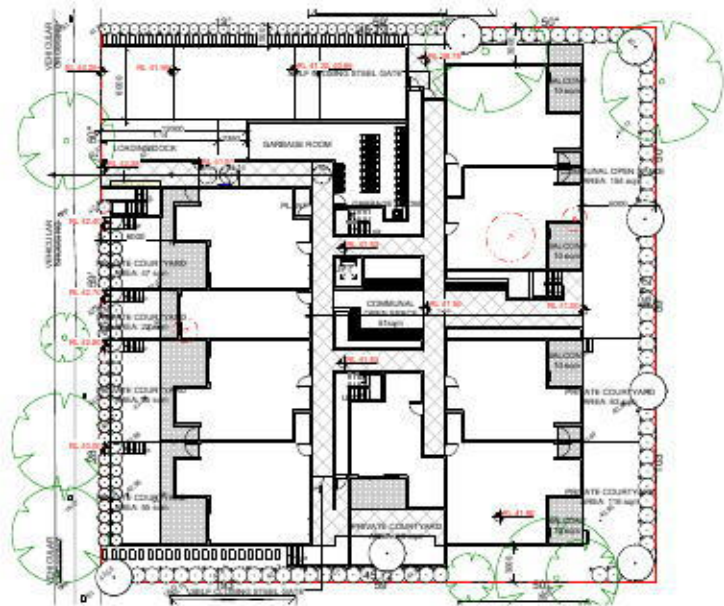
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STREET

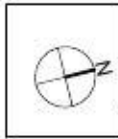
DERBY



No.	Description	Date

NOTIFICATION PLAN

NOTIFICATION PLAN



DEVELOPMENT APPLICATION
PROPOSED UNIT DEVELOPMENT

CLIENT: ELCON PTY LTD
ADDRESS: 115-119 DERBY ST, PENRITH

Scale	N.T.S.	
Drawn by	TA	Date OCT 2015
Checked by	CK	Sheet number
Project number	15035-01	A126

Solar Access & Cross Ventilation Calculations

Dwelling	9AM	10AM	11AM	12NOON	1PM	2PM	Total	Total 2hrs	Total 3hrs	Count	Count Calc	Count Calc Percent	Solar 2hrs Percent	Solar Access 2hrs	Solar 3hrs Percent	Solar Access 3hrs	Cross Vent	Cross Vent Calc	Cross Vent Percent	Cross Ventilation
UNIT 01	No	No	No	No	No	No	0	0	0	1	1	2%	0%	No	0%	No	Yes	1	2%	Yes
UNIT 02	No	No	No	No	No	No	0	0	0	1	1	2%	0%	No	0%	No	Yes	1	2%	Yes
UNIT 03	No	No	No	No	No	No	0	0	0	1	1	2%	0%	No	0%	No	Yes	1	2%	Yes
UNIT 04	Yes	Yes	No	No	No	No	2	1	0	1	1	2%	2%	Yes	0%	No	Yes	1	2%	Yes
UNIT 05	No	No	No	No	No	No	0	0	0	1	1	2%	0%	No	0%	No	No	0	0%	No
UNIT 06	Yes	Yes	Yes	Yes	Yes	Yes	6	1	1	1	1	2%	2%	Yes	2%	Yes	Yes	1	2%	Yes
UNIT 07	Yes	Yes	Yes	Yes	Yes	Yes	6	1	1	1	1	2%	2%	Yes	2%	Yes	Yes	1	2%	Yes
UNIT 08	Yes	Yes	Yes	Yes	Yes	Yes	6	1	1	1	1	2%	2%	Yes	2%	Yes	Yes	1	2%	Yes
UNIT 09	Yes	Yes	Yes	Yes	Yes	Yes	6	1	1	1	1	2%	2%	Yes	2%	Yes	Yes	1	2%	Yes
UNIT 10	No	No	No	Yes	Yes	Yes	3	1	1	1	1	2%	2%	Yes	2%	Yes	Yes	1	2%	Yes
UNIT 11	No	No	No	No	No	No	0	0	0	1	1	2%	0%	No	0%	No	Yes	1	2%	Yes
UNIT 12	No	No	No	No	No	No	0	0	0	1	1	2%	0%	No	0%	No	Yes	1	2%	Yes
UNIT 13	No	No	No	No	No	No	0	0	0	1	1	2%	0%	No	0%	No	Yes	1	2%	Yes
UNIT 14	Yes	Yes	No	No	No	No	2	1	0	1	1	2%	2%	Yes	0%	No	Yes	1	2%	Yes
UNIT 15	No	No	No	No	No	No	0	0	0	1	1	2%	0%	No	0%	No	No	0	0%	No
UNIT 16	Yes	Yes	Yes	Yes	Yes	Yes	6	1	1	1	1	2%	2%	Yes	2%	Yes	Yes	1	2%	Yes
UNIT 17	Yes	Yes	Yes	Yes	Yes	Yes	6	1	1	1	1	2%	2%	Yes	2%	Yes	Yes	1	2%	Yes
UNIT 18	Yes	Yes	Yes	Yes	Yes	Yes	6	1	1	1	1	2%	2%	Yes	2%	Yes	Yes	1	2%	Yes
UNIT 19	Yes	Yes	Yes	Yes	Yes	Yes	6	1	1	1	1	2%	2%	Yes	2%	Yes	Yes	1	2%	Yes
UNIT 20	Yes	Yes	Yes	Yes	Yes	Yes	6	1	1	1	1	2%	2%	Yes	2%	Yes	Yes	1	2%	Yes
UNIT 21	No	No	No	No	Yes	Yes	2	1	0	1	1	2%	2%	Yes	0%	No	No	0	0%	No
UNIT 22	No	No	No	Yes	Yes	Yes	3	1	1	1	1	2%	2%	Yes	2%	Yes	Yes	1	2%	Yes
UNIT 23	No	No	No	No	No	No	0	0	0	1	1	2%	0%	No	0%	No	Yes	1	2%	Yes
UNIT 24	No	No	No	No	No	No	0	0	0	1	1	2%	0%	No	0%	No	Yes	1	2%	Yes
UNIT 25	No	No	No	No	No	No	0	0	0	1	1	2%	0%	No	0%	No	Yes	1	2%	Yes
UNIT 26	Yes	Yes	No	No	No	No	2	1	0	1	1	2%	2%	Yes	0%	No	Yes	1	2%	Yes
UNIT 27	No	No	No	No	No	No	0	0	0	1	1	2%	0%	No	0%	No	No	0	0%	No
UNIT 28	Yes	Yes	Yes	Yes	Yes	Yes	6	1	1	1	1	2%	2%	Yes	2%	Yes	Yes	1	2%	Yes
UNIT 29	Yes	Yes	Yes	Yes	Yes	Yes	6	1	1	1	1	2%	2%	Yes	2%	Yes	Yes	1	2%	Yes
UNIT 30	Yes	Yes	Yes	Yes	Yes	Yes	6	1	1	1	1	2%	2%	Yes	2%	Yes	Yes	1	2%	Yes
UNIT 31	Yes	Yes	Yes	Yes	Yes	Yes	6	1	1	1	1	2%	2%	Yes	2%	Yes	Yes	1	2%	Yes
UNIT 32	Yes	Yes	Yes	Yes	Yes	Yes	6	1	1	1	1	2%	2%	Yes	2%	Yes	Yes	1	2%	Yes
UNIT 33	No	No	No	No	Yes	Yes	2	1	0	1	1	2%	2%	Yes	0%	No	No	0	0%	No
UNIT 34	No	No	No	Yes	Yes	Yes	3	1	1	1	1	2%	2%	Yes	2%	Yes	Yes	1	2%	Yes
UNIT 35	No	No	No	No	No	No	0	0	0	1	1	2%	0%	No	0%	No	Yes	1	2%	Yes
UNIT 36	No	No	No	No	No	No	0	0	0	1	1	2%	0%	No	0%	No	Yes	1	2%	Yes
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UNIT 38	Yes	Yes	No	No	No	No	2	1	0	1	1	2%	2%	Yes	0%	No	Yes	1	2%	Yes
UNIT 39	No	No	No	No	No	No	0	0	0	1	1	2%	0%	No	0%	No	No	0	0%	No
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UNIT 41	Yes	Yes	Yes	Yes	Yes	Yes	6	1	1	1	1	2%	2%	Yes	2%	Yes	Yes	1	2%	Yes
UNIT 42	Yes	Yes	Yes	Yes	Yes	Yes	6	1	1	1	1	2%	2%	Yes	2%	Yes	Yes	1	2%	Yes
UNIT 43	Yes	Yes	Yes	Yes	Yes	Yes	6	1	1	1	1	2%	2%	Yes	2%	Yes	Yes	1	2%	Yes
UNIT 44	Yes	Yes	Yes	Yes	Yes	Yes	6	1	1	1	1	2%	2%	Yes	2%	Yes	Yes	1	2%	Yes
UNIT 45	No	No	No	No	Yes	Yes	2	1	0	1	1	2%	2%	Yes	0%	No	No	0	0%	No
UNIT 46	No	No	No	Yes	Yes	Yes	3	1	1	1	1	2%	2%	Yes	2%	Yes	Yes	1	2%	Yes
UNIT 47	No	No	No	No	No	No	0	0	0	1	1	2%	0%	No	0%	No	Yes	1	2%	Yes
UNIT 48	No	No	No	No	No	No	0	0	0	1	1	2%	0%	No	0%	No	Yes	1	2%	Yes
UNIT 49	Yes	Yes	No	No	No	No	2	1	0	1	1	2%	2%	Yes	0%	No	Yes	1	2%	Yes
UNIT 50	Yes	Yes	Yes	Yes	Yes	Yes	6	1	1	1	1	2%	2%	Yes	2%	Yes	Yes	1	2%	Yes
UNIT 51	Yes	Yes	Yes	Yes	Yes	Yes	6	1	1	1	1	2%	2%	Yes	2%	Yes	Yes	1	2%	Yes
UNIT 52	Yes	Yes	Yes	Yes	Yes	Yes	6	1	1	1	1	2%	2%	Yes	2%	Yes	Yes	1	2%	Yes
UNIT 53	Yes	Yes	Yes	Yes	Yes	Yes	6	1	1	1	1	2%	2%	Yes	2%	Yes	Yes	1	2%	Yes
UNIT 54	Yes	Yes	Yes	Yes	Yes	Yes	6	1	1	1	1	2%	2%	Yes	2%	Yes	Yes	1	2%	Yes
UNIT 55	Yes	Yes	Yes	Yes	Yes	Yes	6	1	1	1	1	2%	2%	Yes	2%	Yes	Yes	1	2%	Yes
UNIT 56	Yes	Yes	Yes	Yes	Yes	Yes	6	1	1	1	1	2%	2%	Yes	2%	Yes	Yes	1	2%	Yes
UNIT 57	Yes	Yes	Yes	Yes	Yes	Yes	6	1	1	1	1	2%	2%	Yes	2%	Yes	Yes	1	2%	Yes
UNIT 58	Yes	Yes	Yes	Yes	Yes	Yes	6	1	1	1	1	2%	2%	Yes	2%	Yes	Yes	1	2%	Yes
UNIT 59	Yes	Yes	Yes	Yes	Yes	Yes	6	1	1	1	1	2%	2%	Yes	2%	Yes	Yes	1	2%	Yes
UNIT 60	Yes	Yes	Yes	Yes	Yes	Yes	6	1	1	1	1	2%	2%	Yes	2%	Yes	Yes	1	2%	Yes
UNIT 61	Yes	Yes	Yes	Yes	Yes	Yes	6	1	1	1	1	2%	2%	Yes	2%	Yes	Yes	1	2%	Yes
Grand total: 61								43	35	61	61	100%	70%		57%				89%	

Sheet List	
Sheet Number	Sheet Name
A101	COVER PAGE
A102	SURVEY PLAN
A103	BASIX COMMITMENTS
A104	SITE ANALYSIS
A105	SITE PLAN
A106	BASEMENT 2
A107	BASEMENT 1
A108	GROUND FLOOR
A109	LEVEL 1
A110	LEVEL 2
A111	LEVEL 3
A112	LEVEL 4
A113	LEVEL 5
A114	ROOF PLAN
A115	NORTH ELEVATION
A116	SOUTH ELEVATION
A117	EAST ELEVATION
A118	WEST ELEVATION
A119	SECTION
A120	SITE CALCULATIONS
A121	3D PERSPECTIVE
A122	SHADOW DIAGRAMS
A123	SHADOW DIAGRAMS
A124	SHADOW DIAGRAMS
A125	SOLAR ANALYSIS



design

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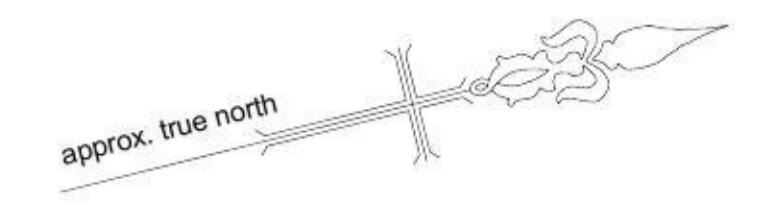
Issue	Description	Date
A	ISSUED FOR DEVELOPMENT APPLICATION	23-12-2015

DEVELOPMENT APPLICATION
PROPOSED UNIT DEVELOPMENT

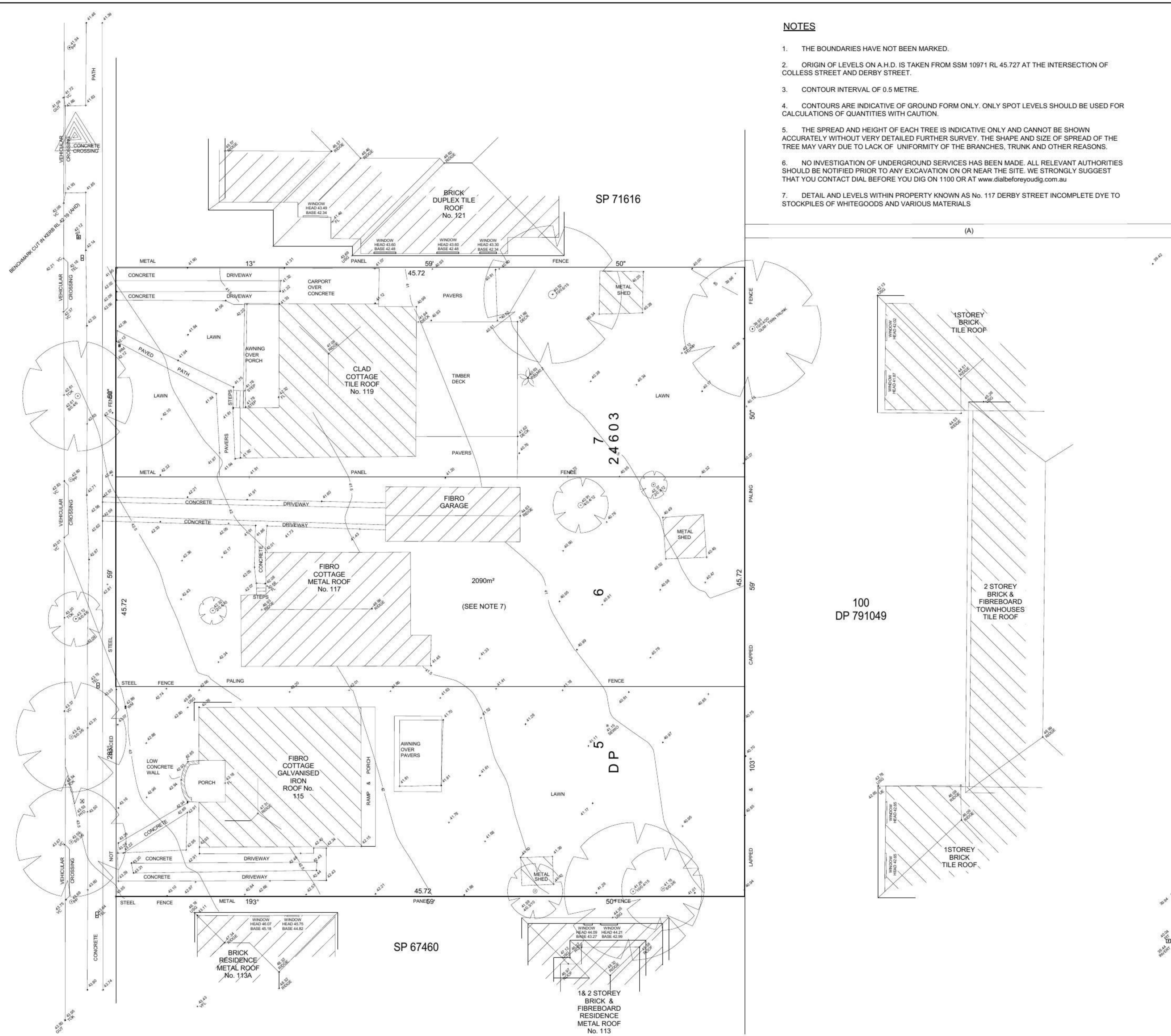
ADDRESS:
115-119 DERBY ST, PENRITH
CLIENT:
ELCON PTY LTD

NOTES

1. THE BOUNDARIES HAVE NOT BEEN MARKED.
2. ORIGIN OF LEVELS ON A.H.D. IS TAKEN FROM SSM 10971 RL 45.727 AT THE INTERSECTION OF COLLESS STREET AND DERBY STREET.
3. CONTOUR INTERVAL OF 0.5 METRE.
4. CONTOURS ARE INDICATIVE OF GROUND FORM ONLY. ONLY SPOT LEVELS SHOULD BE USED FOR CALCULATIONS OF QUANTITIES WITH CAUTION.
5. THE SPREAD AND HEIGHT OF EACH TREE IS INDICATIVE ONLY AND CANNOT BE SHOWN ACCURATELY WITHOUT VERY DETAILED FURTHER SURVEY. THE SHAPE AND SIZE OF SPREAD OF THE TREE MAY VARY DUE TO LACK OF UNIFORMITY OF THE BRANCHES, TRUNK AND OTHER REASONS.
6. NO INVESTIGATION OF UNDERGROUND SERVICES HAS BEEN MADE. ALL RELEVANT AUTHORITIES SHOULD BE NOTIFIED PRIOR TO ANY EXCAVATION ON OR NEAR THE SITE. WE STRONGLY SUGGEST THAT YOU CONTACT DIAL BEFORE YOU DIG ON 1100 OR AT www.dialbeforeyoudig.com.au
7. DETAIL AND LEVELS WITHIN PROPERTY KNOWN AS No. 117 DERBY STREET INCOMPLETE DYE TO STOCKPILES OF WHITEGOODS AND VARIOUS MATERIALS



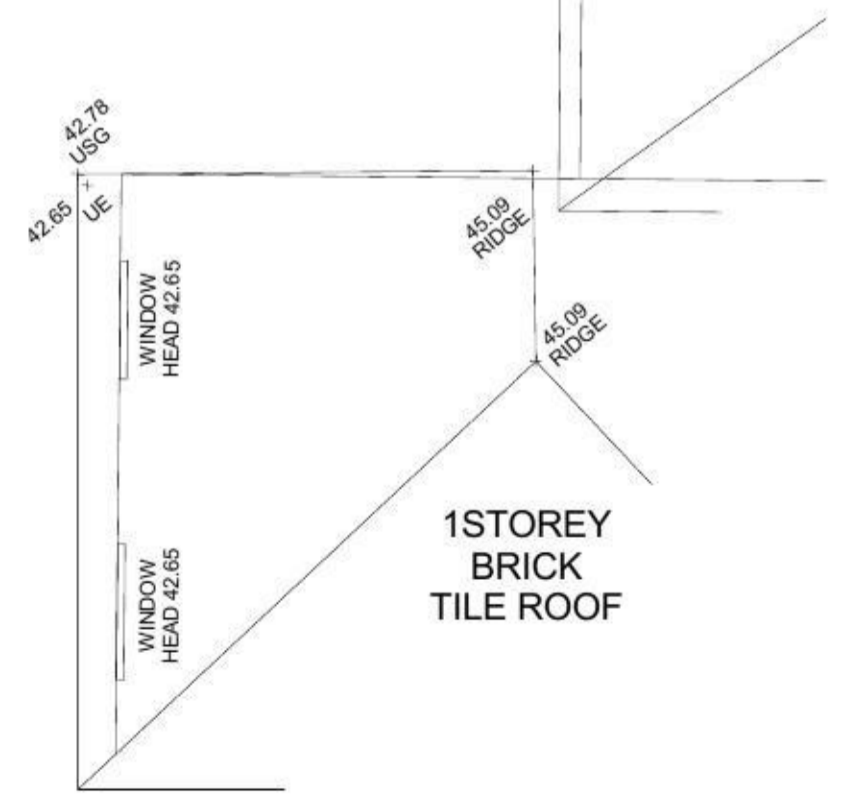
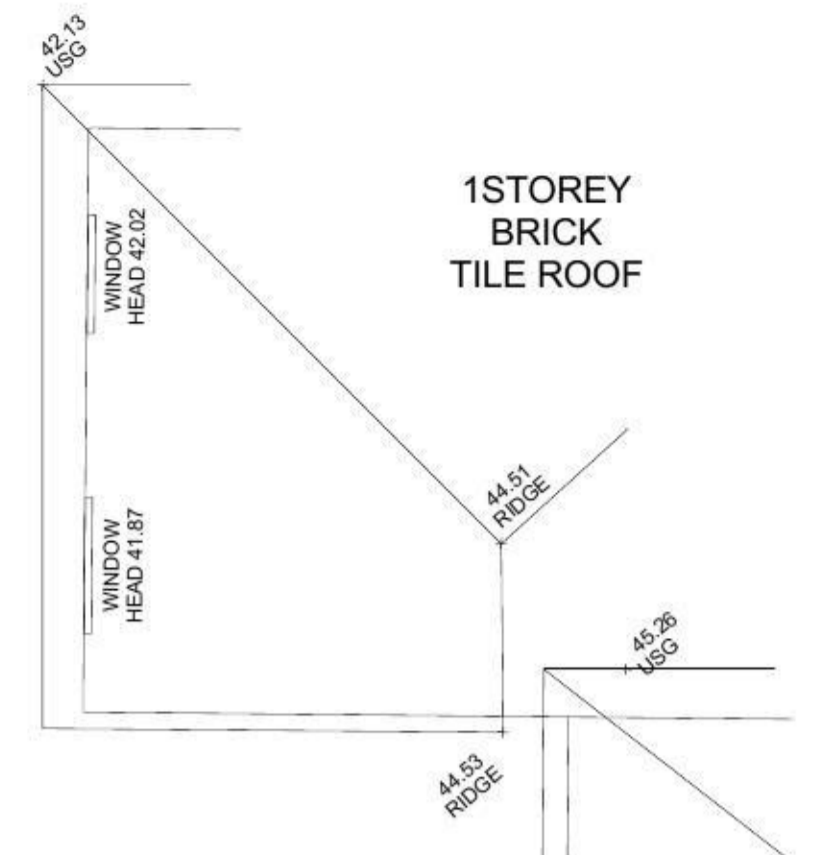
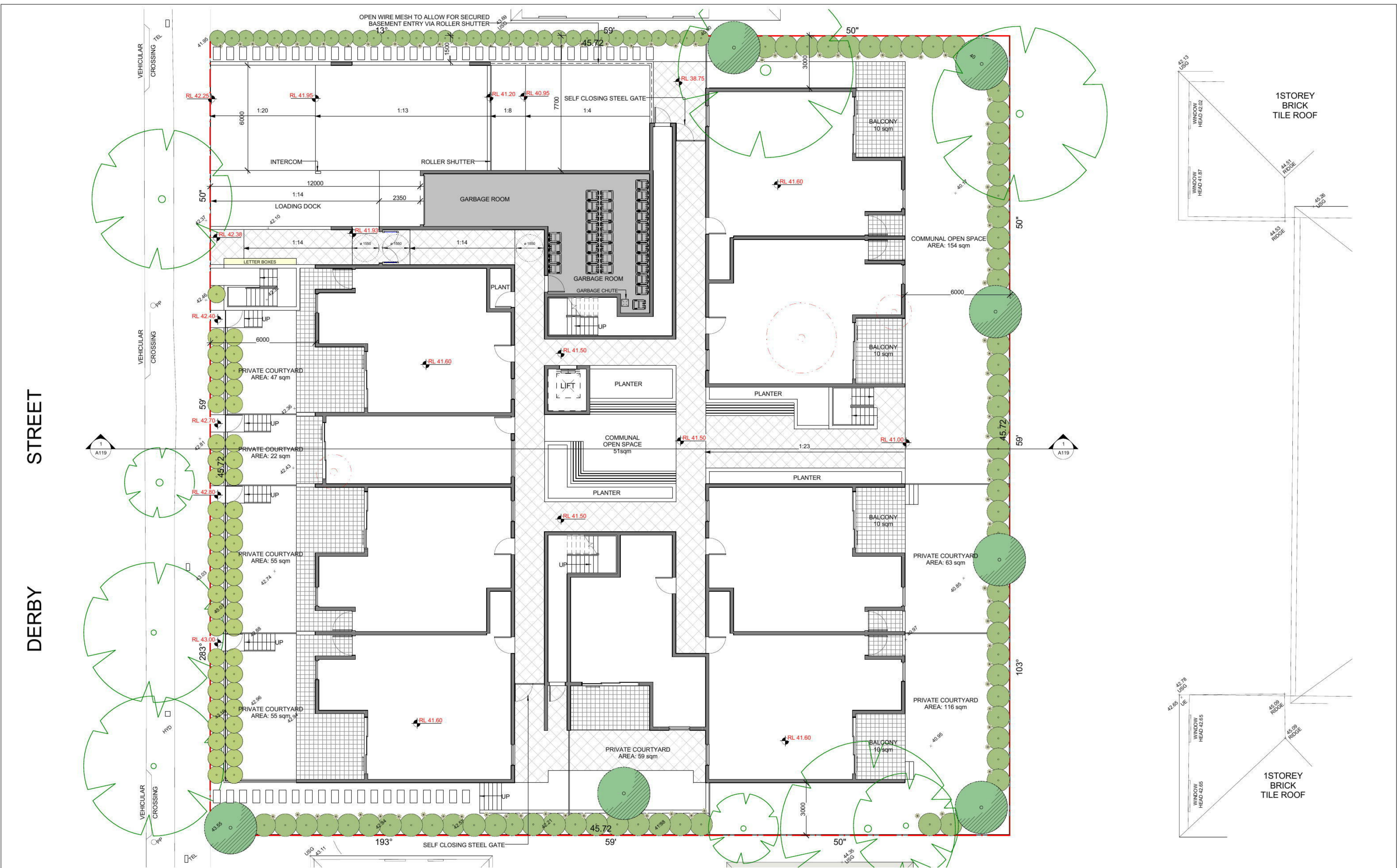
STREET
DERBY
HOPE
STREET



- LEGEND**
- FL - FLOOR LEVEL
 - VFL - VERANDAH FLOOR LEVEL
 - GP - GRATED PIT
 - GUT - BASE OF GUTTER
 - HYD - HYDRANT
 - PIT - LEVEL AT TOP OF PIT
 - PP - POWER POLE
 - SEWIO - SEWER INSPECTION OUTLET
 - SV - STOP VALVE
 - TEL - TELSTRA PIT
 - TOK - TOP OF KERB
 - UE - UNDERSIDE OF EAVE
 - USG - UNDERSIDE OF GUTTER
 - WM - WATER METER
 - VC - VEHICULAR CROSSING
 - 8/5/10 - TREE SPREAD/TRUNK DIAMETER/HEIGHT
 - PALM0.2 - PALM TREE/TRUNK DIAMETER
- (A) - EASEMENT TO DRAIN WATER 1 WIDE (DP 1049487)

© MARK CASTELLETTI SURVEYING 2015

SURVEY: M.C.	Mark Castelletti Surveying REGISTERED SURVEYOR ABN: 38 840 577 857 1 Mahony Road, Constitution Hill NSW 2145 Phone/Fax: (02) 9688 1592 Mobile: 0418 332 563 Email: mcsurveying@dodo.com.au	DATE: 23/04/15	CLIENT: SHOBHA DESIGNS	
DESIGN:		R.R.: 1:100	PLAN SHOWING DETAIL AND LEVELS ON AHD OVER LOTS 5 TO 7 IN DP 24603 AT Nos. 115-119 DERBY STREET, PENRITH	
DRAWN: M.L.		DATUM: AHD	REF: C5015	L.G.A.: PENRITH
CHECKED: M.C.		SHT. OF 1SHTS.		



STREET

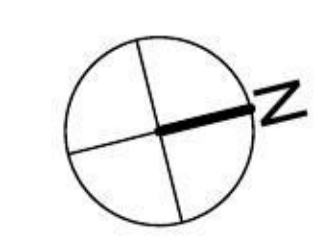
DERBY

design

No.	Description	Date
A	ISSUED FOR DEVELOPMENT APPLICATION	23-12-2015

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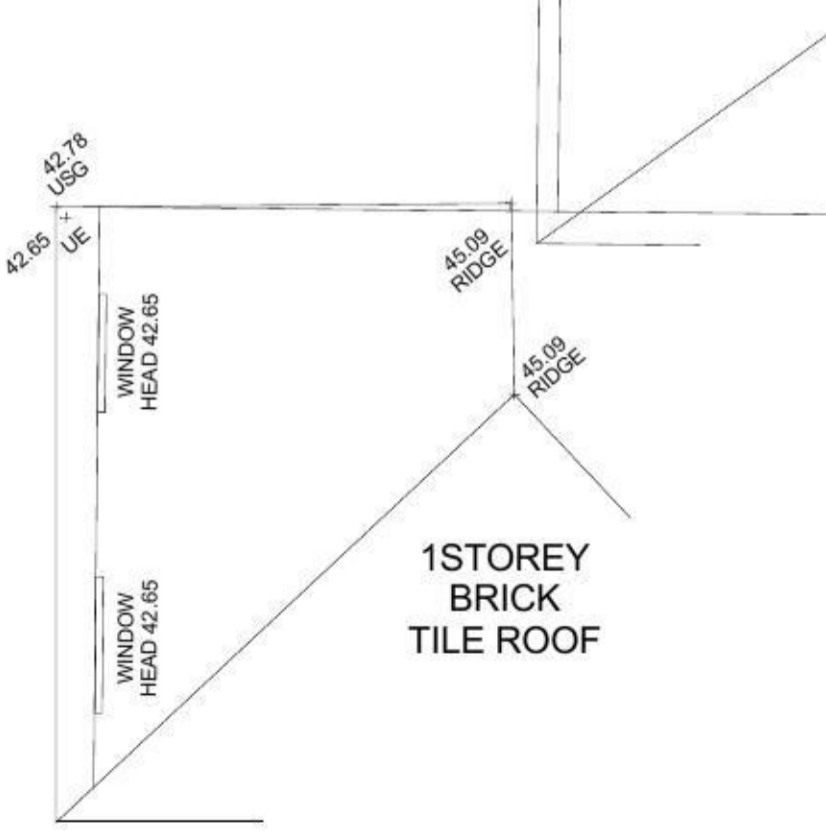
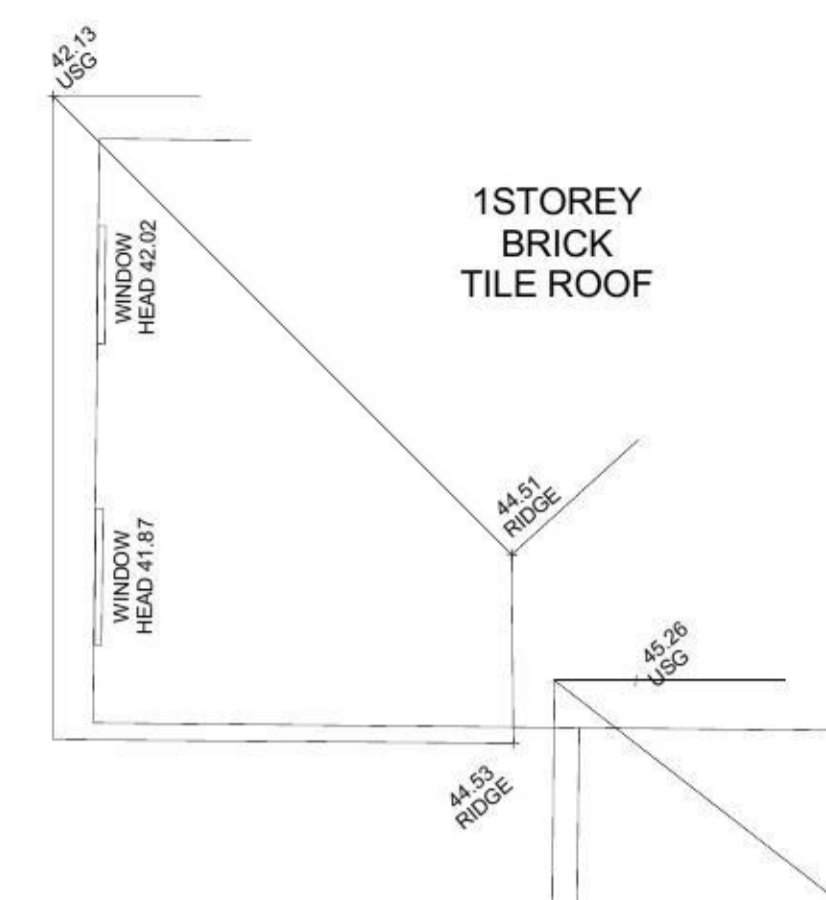
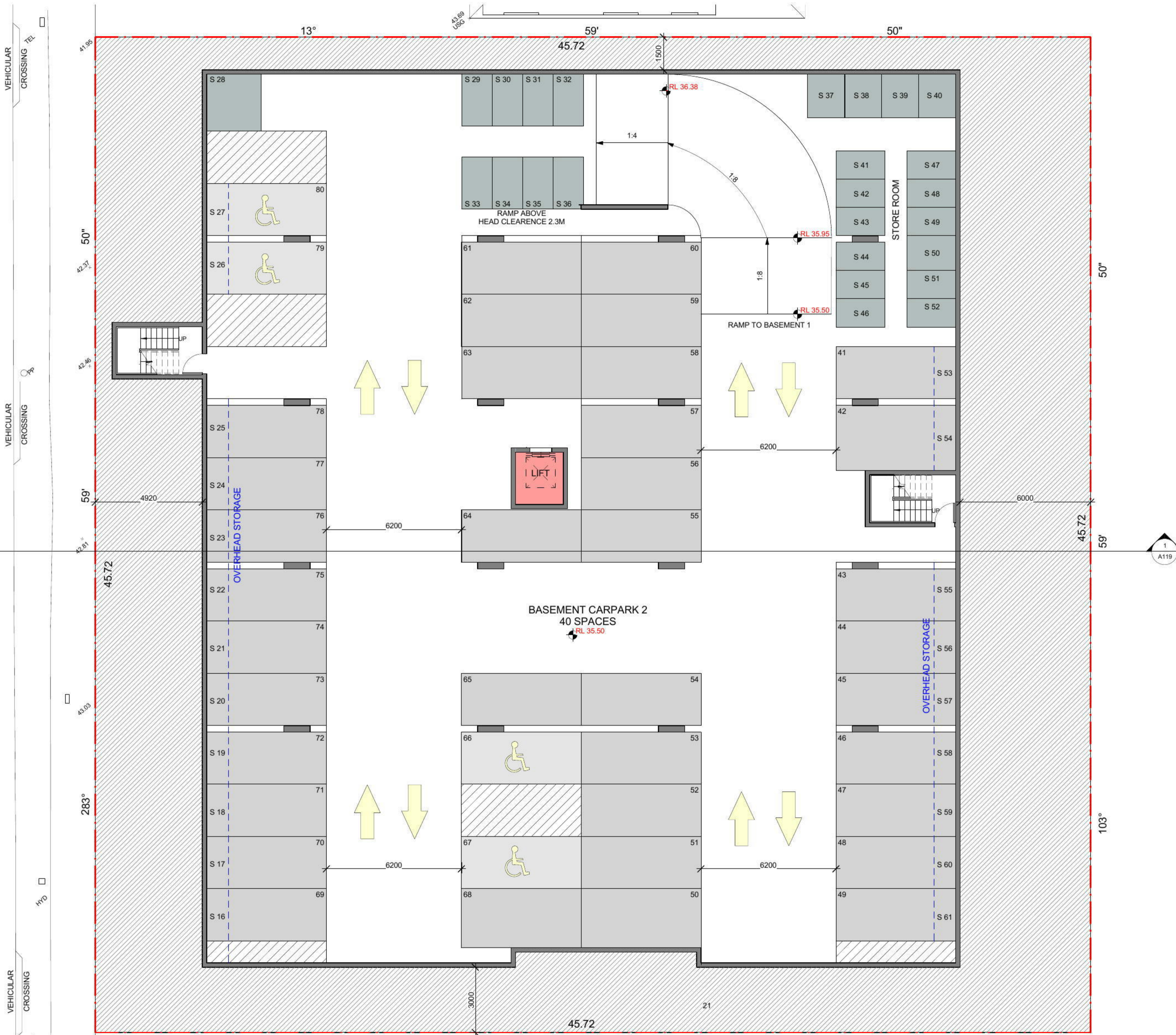
SITE PLAN



DEVELOPMENT APPLICATION
PROPOSED UNIT DEVELOPMENT
 CLIENT:
ELCON PTY LTD
 ADDRESS:
115-119 DERBY ST, PENRITH

Scale	1 : 100	
Drawn by	TA	Date DEC 2015
Checked by	CK	Sheet number
Project number	15035-01	A105

STREET
DERBY

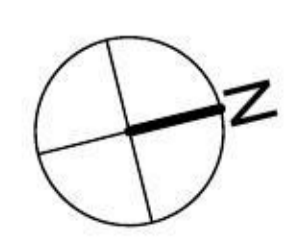


design

No.	Description	Date
A	ISSUED FOR DEVELOPMENT APPLICATION	23-12-2015

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BASEMENT 2

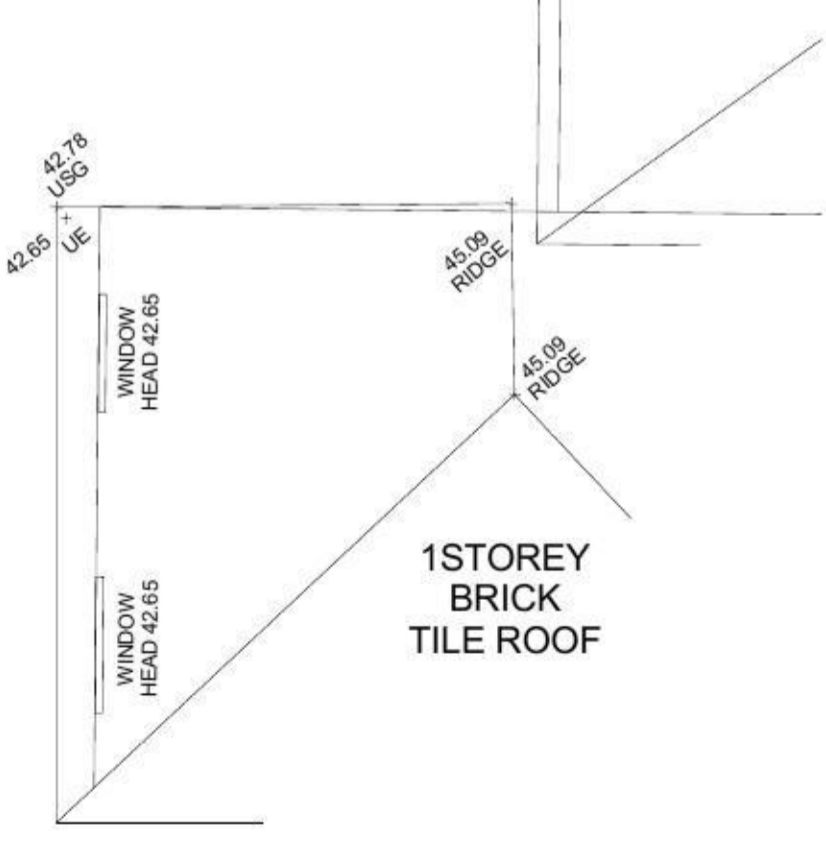
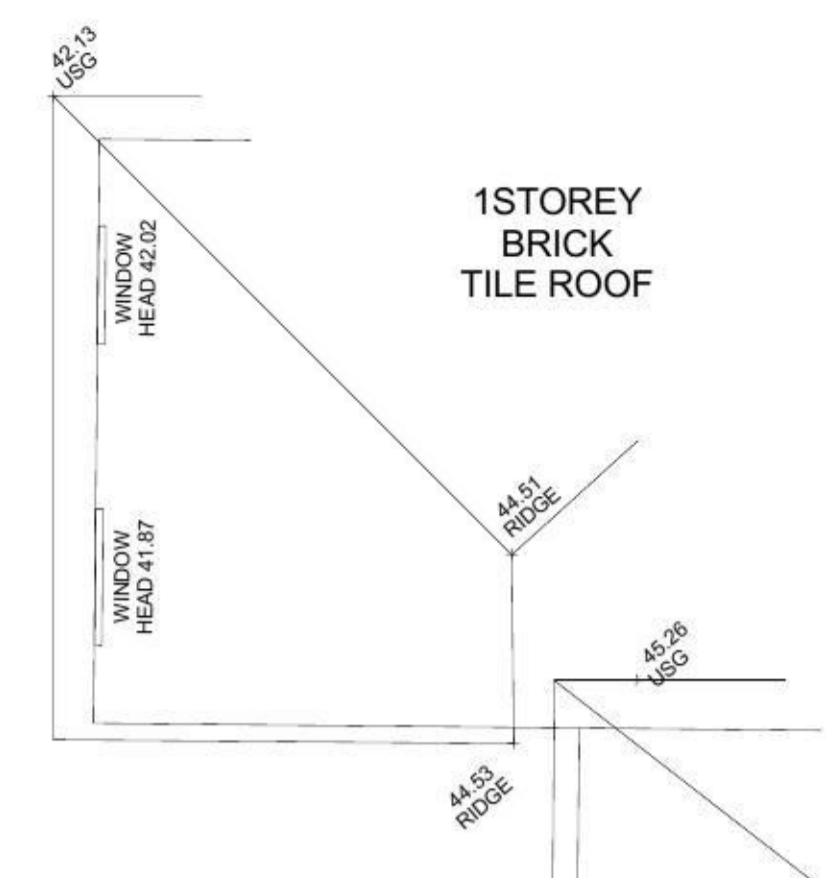
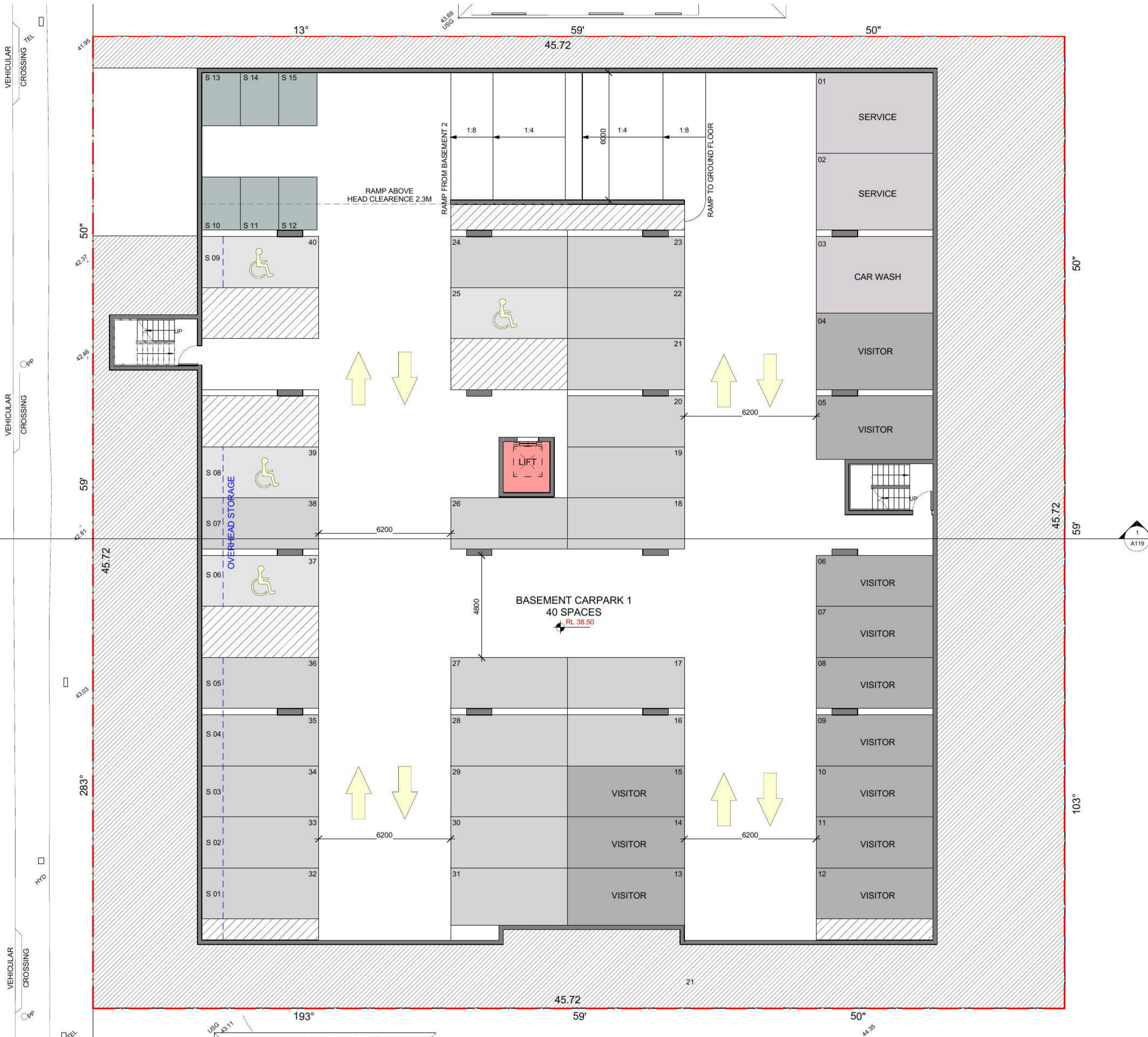


DEVELOPMENT APPLICATION
PROPOSED UNIT DEVELOPMENT
CLIENT:
ELCON PTY LTD
ADDRESS:
115-119 DERBY ST, PENRITH

Scale	1 : 100	
Drawn by	MC/ TA	Date DEC 2015
Checked by	CK	Sheet number
Project number	15035-01	A106

STREET

DERBY

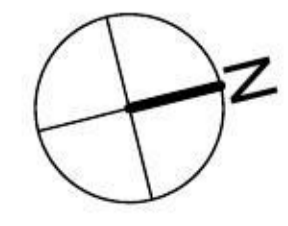


design

No.	Description	Date
A	ISSUED FOR DEVELOPMENT APPLICATION	23-12-2015

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BASEMENT 1



DEVELOPMENT APPLICATION
PROPOSED UNIT DEVELOPMENT
 CLIENT:
ELCON PTY LTD
 ADDRESS:
115-119 DERBY ST, PENRITH

Scale	1 : 100	
Drawn by	MC/ TA	Date DEC 2015
Checked by	CK	Sheet number
Project number	15035-01	A107

STREET
DERBY

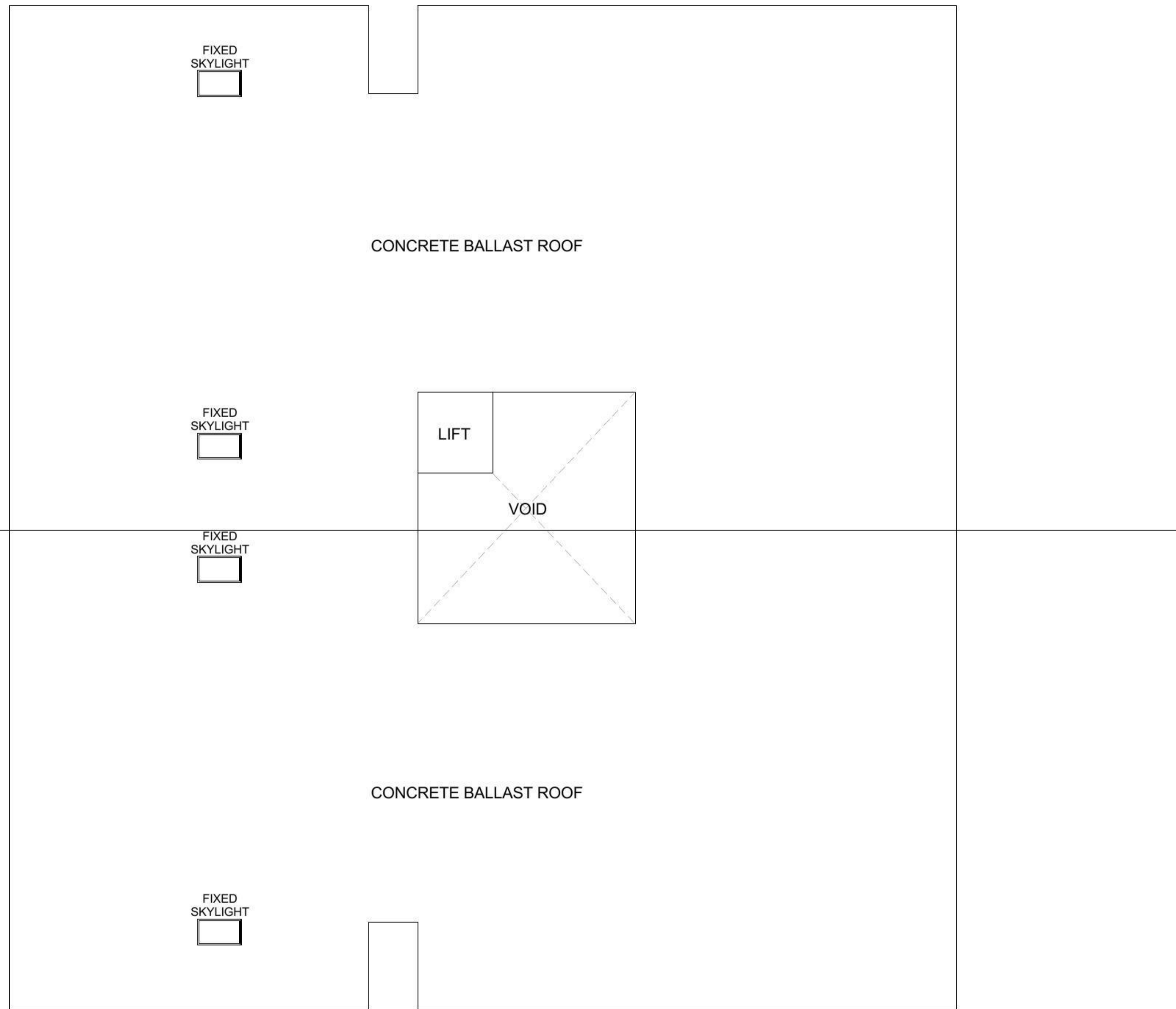
VEHICULAR CROSSING TEL

VEHICULAR CROSSING PP

VEHICULAR CROSSING PP

VEHICULAR CROSSING TEL

41.05
42.31
42.86
42.81
43.05



NOTE:
1. ALL WINDOWS 2.0m ABOVE GROUND LEVEL ARE REQUIRED TO HAVE A BARRIER DEVICE TO LIMIT THE WINDOW OPENING TO NO MORE THAN 125mm IN ACCORDANCE WITH CLAUSE 3.9.2.5 OF BCA
2. ALL WINDOWS AND DOOR SIZES TO BE CONFIRMED ONSITE PRIOR TO MANUFACTURING AND INSTALLATION
3. REFER TO BASIS FOR ALL WINDOW AND DOOR SPECIFICATION AND RATINGS
4. ALL STAIR TREADS AND NOSING STRIP TO COMPLY WITH AS 4586-2013 AND TABLE 3.9.1.1 OF BCA
5. ALL SMOKE ALARMS ARE TO BE INTERCONNECTED

Door Schedule				
Mark	Width	Height	Function	Count
1	3200	2400	Exterior	51
2	1100	2400	Exterior	39
3	4200	2400	Exterior	10
4	2100	2400	Exterior	15
5	1800	2400	Exterior	1
6	950	2100	Exterior	73
GD1	2800	2400	Exterior	1
GD2	6000	2400	Exterior	1

Grand total: 191

Window Schedule			
Mark	Width	Height	Count
1	1100	2700	48
2	1200	600	44
3	2100	600	13
4	750	1800	12

Grand total: 117

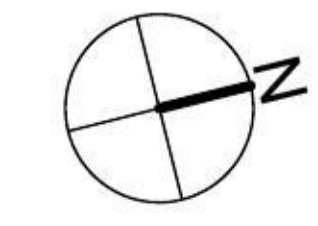
NOTE:
MECHANICAL NATURAL VENTILATION TO COMPLY WITH THE BUILDING CODE OF AUSTRALIA, PROTECTION OF THE ENVIRONMENT OPERATIONS ACT 1997 & RELEVANT AUSTRALIAN STANDARDS.
ACCESS FOR PEOPLE WITH DISABILITIES MUST BE PROVIDED IN ACCORDANCE WITH THE REQUIREMENTS OF THE BUILDING CODE OF AUSTRALIA, RELEVANT AUSTRALIAN STANDARDS & WITH REGARD TO THE DISABILITY DISCRIMINATION ACT 1992

design

No.	Description	Date
A	ISSUED FOR DEVELOPMENT APPLICATION	23-12-2015

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ROOF PLAN



DEVELOPMENT APPLICATION
PROPOSED UNIT DEVELOPMENT

CLIENT:
ELCON PTY LTD

ADDRESS:
115-119 DERBY ST, PENRITH

Scale
1 : 100

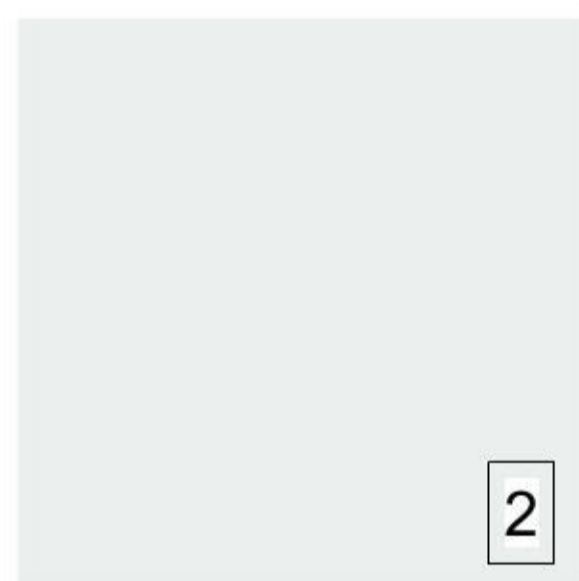
Drawn by
MC/ TA Date
DEC 2015

Checked by
CK Sheet number
A114

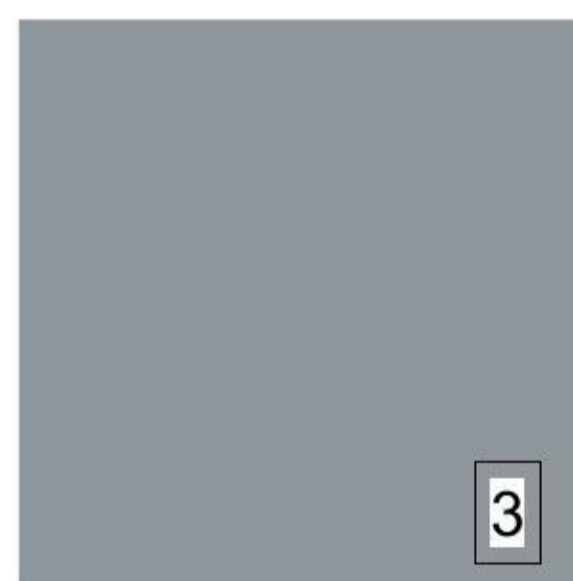
Project number
15035-01



SHADOWCLAD PAINTED
DULUX - DOMINO



PAINTED RENDER
DULUX - LEXICON



PAINTED RENDER
DULUX - TIMELESS GREY



PAINTED RENDER
DULUX - DOMINO



TIMBA - STEEL CLADDING
TIMBER FINISH



WINDOW & DOOR FRAME
POWDERCOATED CHARCOAL

design

No.	Description	Date
A	ISSUED FOR DEVELOPMENT APPLICATION	23-12-2015

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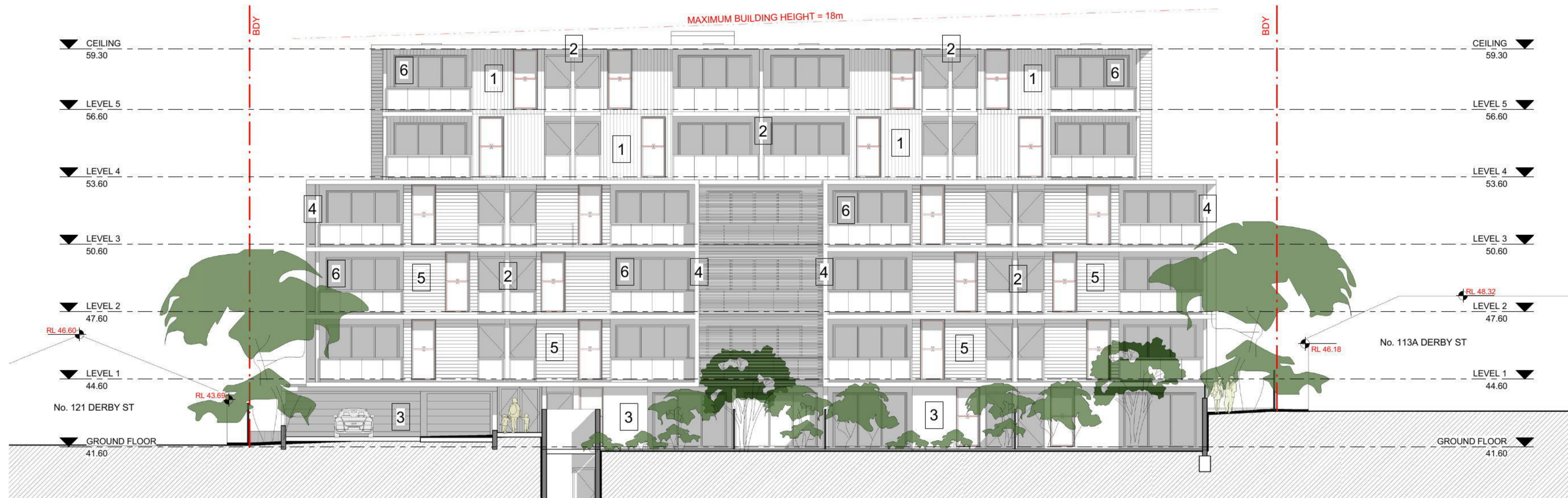
NORTH ELEVATION

DEVELOPMENT APPLICATION
PROPOSED UNIT DEVELOPMENT

CLIENT:
ELCON PTY LTD

ADDRESS:
115-119 DERBY ST, PENRITH

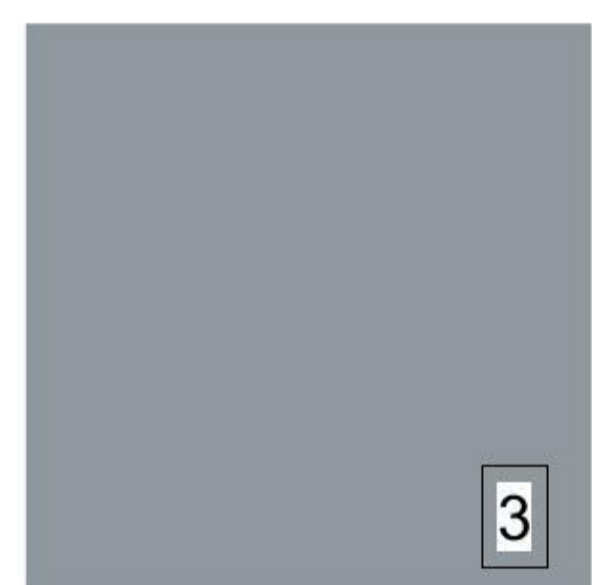
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Drawn by	MC/ TA
Date	DEC 2015
Checked by	CK
Project number	15035-01
Sheet number	A115



SHADOWCLAD PAINTED
DULUX - DOMINO



PAINTED RENDER
DULUX - LEXICON



PAINTED RENDER
DULUX - TIMELESS GREY



PAINTED RENDER
DULUX - DOMINO



TIMBA - STEEL CLADDING
TIMBER FINISH



WINDOW & DOOR FRAME
POWDERCOATED CHARCOAL

design

No.	Description	Date
A	ISSUED FOR DEVELOPMENT APPLICATION	23-12-2015

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SOUTH ELEVATION

DEVELOPMENT APPLICATION
PROPOSED UNIT DEVELOPMENT

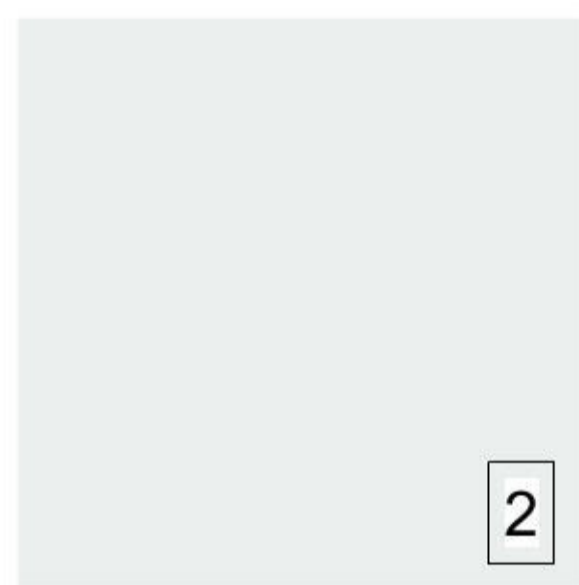
CLIENT:
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ADDRESS:
115-119 DERBY ST, PENRITH

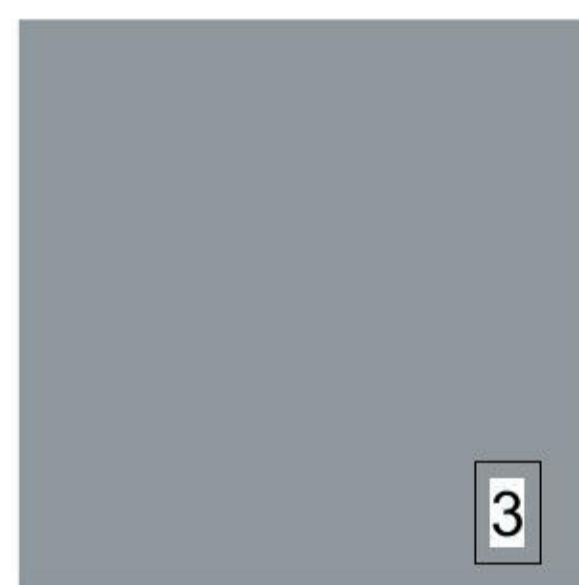
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Drawn by	MC/ TA
Date	DEC 2015
Checked by	CK
Project number	15035-01
Sheet number	A116



SHADOWCLAD PAINTED
DULUX - DOMINO



PAINTED RENDER
DULUX - LEXICON



PAINTED RENDER
DULUX - TIMELESS GREY



PAINTED RENDER
DULUX - DOMINO



TIMBA - STEEL CLADDING
TIMBER FINISH



WINDOW & DOOR FRAME
POWDERCOATED CHARCOAL

design

No.	Description	Date
A	ISSUED FOR DEVELOPMENT APPLICATION	23-12-2015

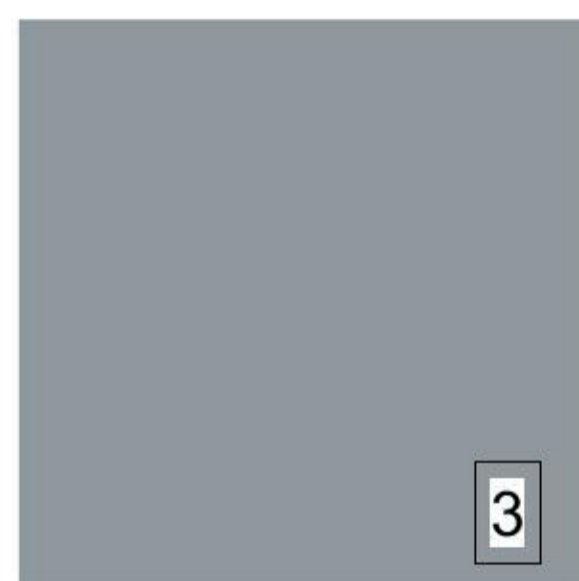
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EAST ELEVATION

DEVELOPMENT APPLICATION
PROPOSED UNIT DEVELOPMENT

CLIENT:
ELCON PTY LTD
ADDRESS:
115-119 DERBY ST, PENRITH

Scale		1 : 100
Drawn by	MC/ TA	Date DEC 2015
Checked by	TA	Sheet number
Project number	15035-01	A117



SHADOWCLAD PAINTED
DULUX - DOMINO

PAINTED RENDER
DULUX - LEXICON

PAINTED RENDER
DULUX - TIMELESS GREY

PAINTED RENDER
DULUX - DOMINO

TIMBA - STEEL CLADDING
TIMBER FINISH

WINDOW & DOOR FRAME
POWDERCOATED CHARCOAL

design

No.	Description	Date
A	ISSUED FOR DEVELOPMENT APPLICATION	23-12-2015

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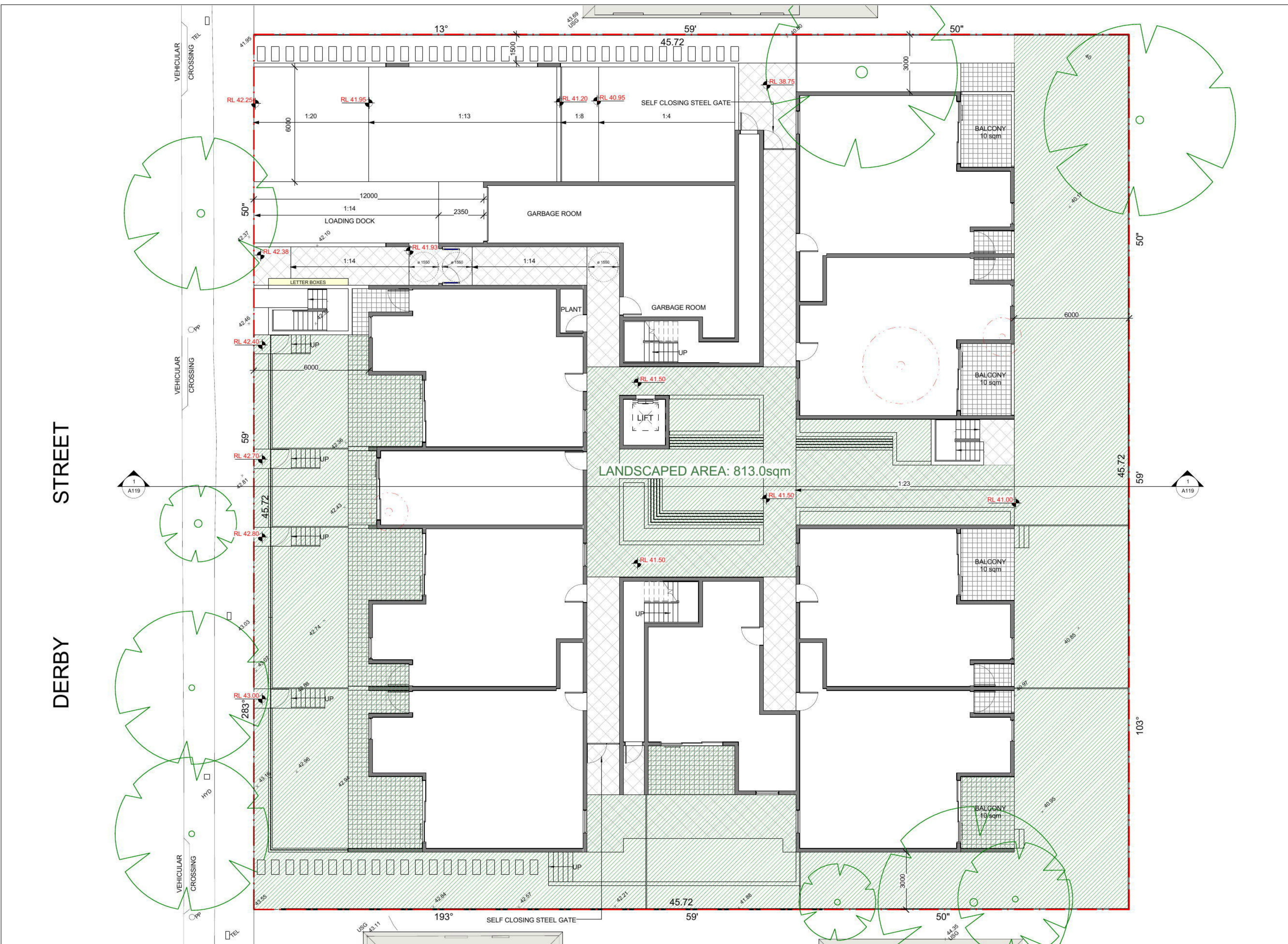
WEST ELEVATION

DEVELOPMENT APPLICATION
PROPOSED UNIT DEVELOPMENT

CLIENT:
ELCON PTY LTD

ADDRESS:
115-119 DERBY ST, PENRITH

Scale	1 : 100
Drawn by	MC/ TA
Date	DEC 2015
Checked by	CK
Project number	15035-01
Sheet number	A118



SITE AREA= 2090.0sqm	
TOTAL UNIT MIX	
3 BED UNIT:	4 UNITS
2 BED UNIT:	43 UNITS
1 BED + STUDY UNIT:	6 UNITS
1 BED UNIT:	8 UNITS
TOTAL UNITS:	61 UNITS
F.S.R PROPOSED	N/A
LANDSCAPED AREA (deep soil) REQUIRED	731.0sqm 35%
PROPOSED	813.0sqm 38.89%
SOLAR ANALYSIS REQUIRED	2HRS=70%
PROPOSED	2HRS=70%
44/62	
CROSS VENTILATION REQUIRED	50%
PROPOSED	89%
CAR PARKING RESIDENTIAL	65 SPACES
VISITOR	12 SPACES
SERVICE	2 SPACES
CARWASH	1 SPACE

STREET

DERBY

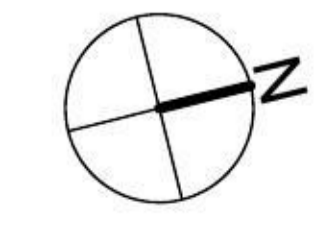
LANDSCAPED AREA: 813.0sqm

design

No.	Description	Date
A	ISSUED FOR DEVELOPMENT APPLICATION	23-12-2015

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SITE CALCULATIONS



DEVELOPMENT APPLICATION PROPOSED UNIT DEVELOPMENT		Scale	1 : 100
		Drawn by	TA
CLIENT: ELCON PTY LTD		Date	DEC 2015
		Checked by	CK
ADDRESS: 115-119 DERBY ST, PENRITH		Project number	15035-01
		Sheet number	A120