DEMOLITION OF EXISTING STRUCTURES AND CONSTRUCTION ON AN ATTACHED DUAL OCCUPANCY, TORRENTS TITLE SUBDIVISION

LILY & KARL

742 HENRY LAWSON DRIVE PICNIC POINT NSW 2213

	LEGEND
RL0.000	LEVEL RELATIVE TO AHD
FFL 0.000	FINISH FLOOR LEVEL
FCL 0.000	FINISH CEILING LEVEL
SSL 0.000	FINISH STRUCTURAL SLAB LEVEL
WL	WATER LEVEL
+TOW 0.000	TOP OF WALL LEVEL
+TOF 0.000	TOP OF FENCE HEIGHT FROM NATURAL GROUND LEVEL
A-A A 000	DETAIL OR SECTION REFERENCE DRAWING REFERENCE
₩ 01	WINDOW NUMBER
D 01	DOOR NUMBER
• DP (E)	DOWN PIPE EXISTING
• DP	DOWN PIPE NEW
■DP+RWH	DOWN PIPE + RAINWATER HEAD
≛ DP+S	DOWN PIPE + SPREADER
• FW	FLOOR WASTE
GD	GRATED DRAIN REFER TO HYDRAULIC ENGINEERS DETAILS
PIT	PIT REFER TO HYDRAULIC ENGINEERS DETAILS
(C)	EXISTING TREES TO REMAIN
	EXISTING TREES TO BE REMOVED
◆ SD	SMOKE DETECTOR
S:	DOOR/WINDOW SILL HEIGHT
H:	DOOR/WINDOW HEAD HEIGHT
	PROPOSED WALL
	STRUCTURE TO BE DEMOLISHED
	PROPERTY BOUNDARY
_ss	SEWER LINE

NOT FOR CONSTRUCTION



CONTEXT PLAN	
	NTS

	GENERAL NOTES	
NOTE. NO	NOTE	APPLICABLE.
1.	THIS DRAWING MUST BE READ IN CONJUNCTION WITH ALL OTHER ARCHITECTURAL DRAWINGS AND DOCUMENTS AS LISTED ON THE COVER SHEET.COVER SHEET	YES
2.	REFER TO LANDSCAPE PLAN FOR ALL ASSOCIATED LANDSCAPING DETAILS.	YES
3.	REFER TO HYDRAULIC ENGINEERS PLANS FOR ALL ASSOCIATED HYDRAULIC DETAILS.	YES
4.	REFER TO STRUCTURAL ENGINEERS PLANS FOR ALL ASSOCIATED STRUCTURAL DETAILS.	YES
5.	THE PROPOSED DEVELOPMENT MUST BE BUILT TO ENSURE THAT THE ASSOCIATED BASIX COMMITMENTS ARE MET	YES
6.	IT IS THE BUILDER'S RESPONSIBILITY TO ENSURE COMPLIANCE WITH THE CONDITIONS OF THE DEVELOPMENT APPLICATION CONSENT AND MEET ALL REQUIREMENTS OF THE BUILDING CODE OF AUSTRALIA AND RELEVANT AUSTRALIAN STANDARDS.	YES
7.	FLASHINGS AND WEEPHOLES ARE TO BE INSTALLED IN ACCORDANCE WITH THE BUILDING CODE OF AUSTRALIA AND RELEVANT AUSTRALIAN STANDARDS.	YES
8.	TERMITE PROTECTION AND BARRIERS ARE TO BE INSTALLED IN ACCORDANCE WITH THE BUILDING CODE OF AUSTRALIA AND RELEVANT AUSTRALIAN STANDARDS.	YES
9.	ROOF AND WALL FRAMING TO BE IN ACCORDANCE WITH THE TIMBER FRAMING CODE AS1684-2003.	YES
10.	SMOKE DETECTORS ARE TO BE INSTALLED IN ACCORDANCE WITH THE BUILDING CODE OF AUSTRALIA AND RELEVANT AUSTRALIAN STANDARDS.	YES
11.	ALL SERVICES ARE TO BE LOCATED AND VERIFIED BY THE BUILDER WITH THE RELEVANT AUTHORITIES PRIOR TO COMMENCEMENT OF ANY BUILDING WORKS.	YES
12.	THIS DRAWING REMAINS THE PROPERTY OF SYDESIGN. UNAUTHORISED USE OF THIS DRAWING IS PROHIBITED. IT MAY ONLY BE USED FOR THE PURPOSE FOR WHICH IT WAS COMMISSIONED AND IN ACCORDANCE WITH THE TERMS OF ENGAGEMENT FOR THAT COMMISSION. SCALED DIMENSIONS ARE NOT TO TAKE PRECEDENCE OVER FIGURED DIMENSIONS. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE, ALL DISCREPANCIES ARE TO BE REPORTED TO SYDESIGN FOR A DECISION BEFORE PROCEEDING WITH SITE WORK.	YES

	DRAWING LIST FOR DA	
DWG. NO	DRAWING TITLE	REV.
DA00	COVER SHEET	С
DA01	SITE ANALYSIS	С
DA02	SITE PLAN AND DEMOLITION PLAN	С
DA03	LOWER GROUND FLOOR PLAN	С
DA04	GROUND FLOOR PLAN	С
DA05	FIRST FLOOR PLAN	С
DA06	ROOF PLAN	С
DA07	EAST & WEST ELEVATION	С
DA08	NORTH ELEVATION	С
DA09	SOUTH ELEVATION	С
DA10	STREETSCAPE ELEVATION	С
DA11	SECTION A-A	С
DA12	BASIX COMMITMENTS	С
DA13	BASIX COMMITMENTS - CONTINUED	С
DA14	BASIX - NATHERS	С
DA15	SHADOW DIAGRAMS ON MARCH 21 AT 8:00AM	С
DA16	SHADOW DIAGRAMS ON MARCH 21 AT 12:00PM	С
DA17	SHADOW DIAGRAMS ON MARCH 21 AT 4:00PM	С
DA18	SHADOW DIAGRAMS ON JUNE 21 AT 8:00AM	С
DA19	SHADOW DIAGRAMS ON JUNE 21 AT 12:00PM	С
DA20	SHADOW DIAGRAMS ON JUNE 21 AT 4:00PM	С
DA21	SCHEDULE OF MATERIALS AND FINISHES	С
DA22	SITE COVERAGE AND LANDSCAPE AREA CALCULATION PLANS	С
DA23	GROSS FLOOR AREA CALCULATION PLANS	С
DA24	3D PERSPECTIVES	С
DA25	SUBDIVISION PLAN	С

WIN	IDOW SO	CHEDULE FO	R DA				
BASIX Window No.	Window No.	Length x Height	Glass Type	BASIX Window No.	Window No.	Length x Height	Glass Type
W 01	W 01	1450 x 550	Refer BASIX	W 25	W 25	2050 x 900	Refer BASIX/Acoustic
W 02	W 02	1000 x 2545	Refer BASIX	W 26	W26	2050 x 900	Refer BASIX/Acoustic
W 03	W 03	900 x 2545	Refer BASIX	W 27	D27	3150 x 2700	Refer BASIX/AcoustIc
W 04	D 04	2050 x 2650	Refer BASIX	W 28	W28	2050 x 900	Refer BASIX
W 05	D 05	3380 x 2650	Refer BASIX	W 29	W 29	5000 x 600	Refer BASIX
W 06	D 06	3380 x 2650	Refer BASIX	W 30	W 30	1050 x 600	Refer BASIX
W 07	D 07	2050 x 2650	Refer BASIX	W 31	W31	1050 x 600	Refer BASIX
W 08	W 08	1000 x 2550	Refer BASIX	W32	W32	5000 x 600	Refer BASIX
W 09	W 09	1000 x 2550	Refer BASIX	W33	SK01	900 x 600	Refer BASIX
W 10	W 10	1450 x 550	Refer BASIX	W34	SK02	900 x 600	Refer BASIX
W 11	D 11	1295 x 2500	Refer BASIX/Acoustic	VV34	3NU2	900 x 600	Kelei BASIA
W12	W12	600 x 2500	Refer BASIX/Acoustic				
W13	W13	600 x 2500	Refer BASIX/Acoustic				
W14	D14	1295 x 2500	Refer BASIX/Acoustic				
W15	W15	2000 x 500	Refer BASIX				
W16	W16	500 x 2050	Refer BASIX				
W17	W17	3000 x 2050	Refer BASIX				
W18	D18	4600 x 2300	Refer BASIX				
W19	D19	4600 x 2300	Refer BASIX				
W20	W20	3000 x 2050	Refer BASIX				
W21	W21	500 x 2050	Refer BASIX				
W22	W22	2000 x 500	Refer BASIX				
W23	W23	2050 x 900	Refer BASIX				
W24	D24	3150 x 2700	Refer BASIX/Acoustic				

THIS DR	AWING MUST BE READ IN CONJUNCTION WITH ALL OTHER ARCHITECTURAL DRAWINGS. REF	ER TO COVE	R SHEET F	OR MORE	DETAILS A	ND LEGEND.				Γ
									i]
									i	1
С	ISSUE FOR DA SUBMISSION	23.12.21	СК	SY]
В	ISSUE FOR DA SUBMISSION	25.11.21	СК	SY]
Α	ISSUE FOR COORDINATION	12.11.21	СК	SY					i	1
REVISION	AMENDMENT OR REASON FOR ISSUE	ISSUE DATE	DRAWN	CHECKED	REVISION	AMENDMENT OR REASON FOR ISSUE	ISSUE DATE	DRAWN	CHECKED	ŀ
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COVER SHEET

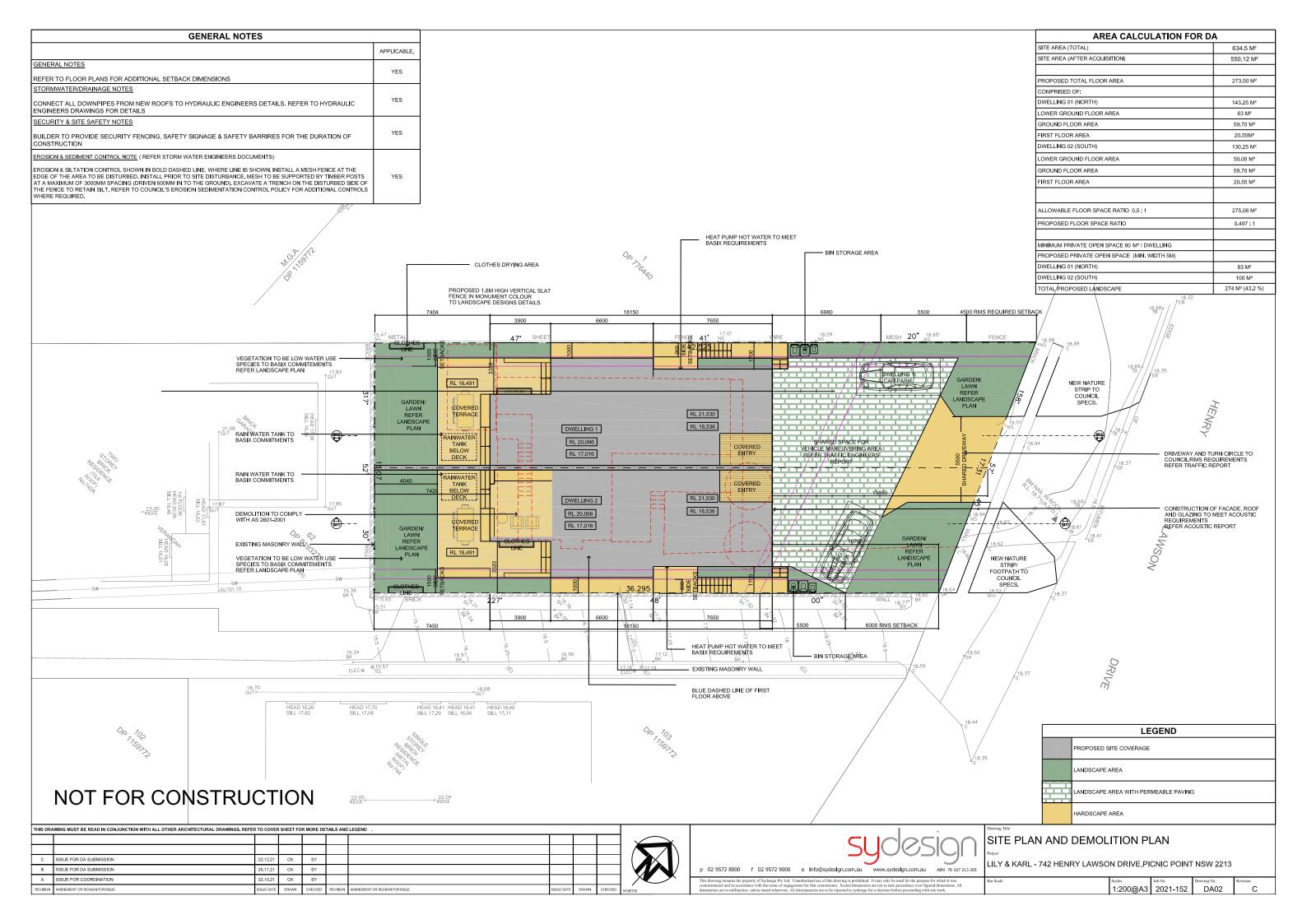
/ & KARL - 742 HENRY LAWSON DRIVE, PICNIC POINT NSW 2213

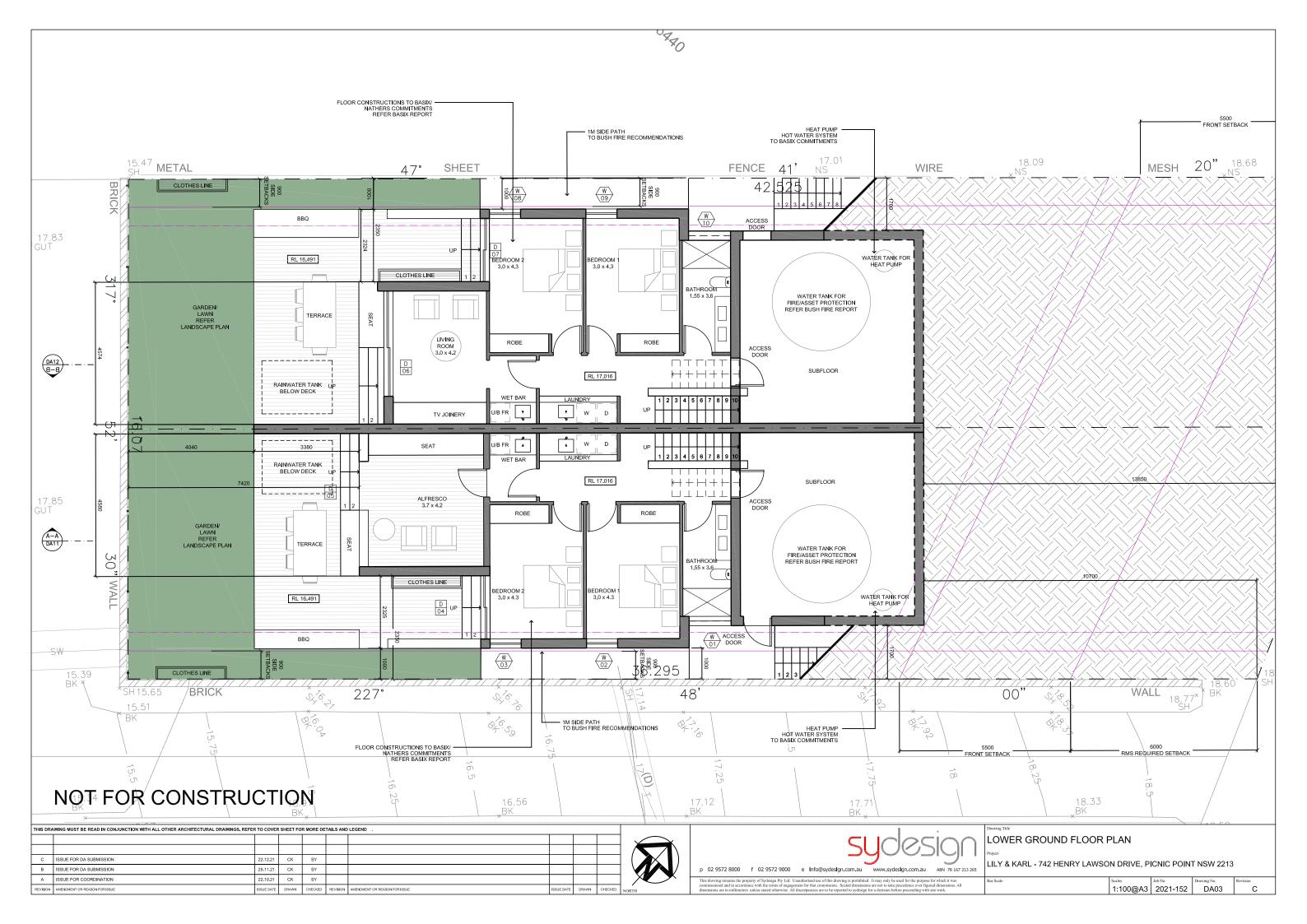
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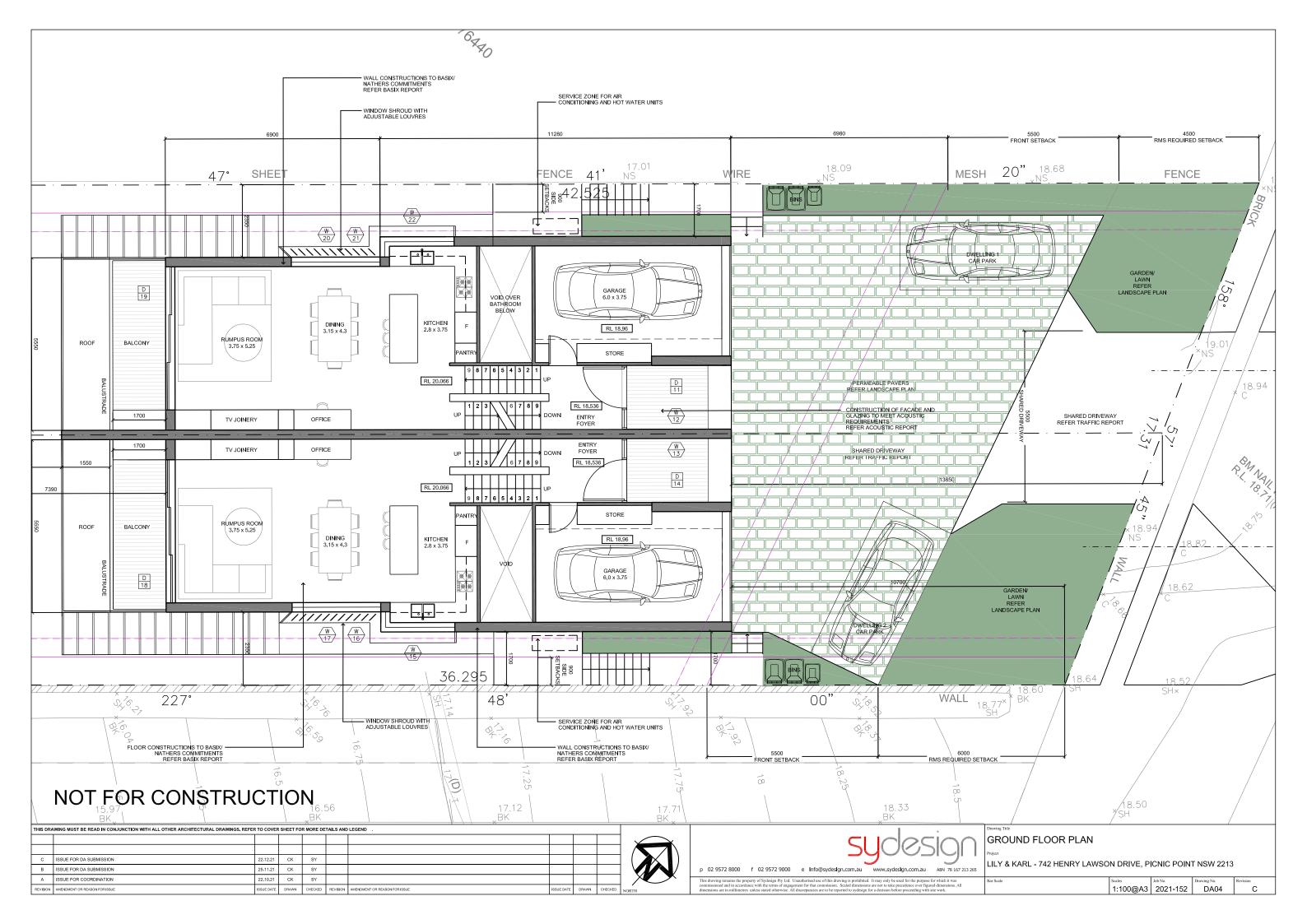
Bur Scale Scales Job No. Drawing No. Revision

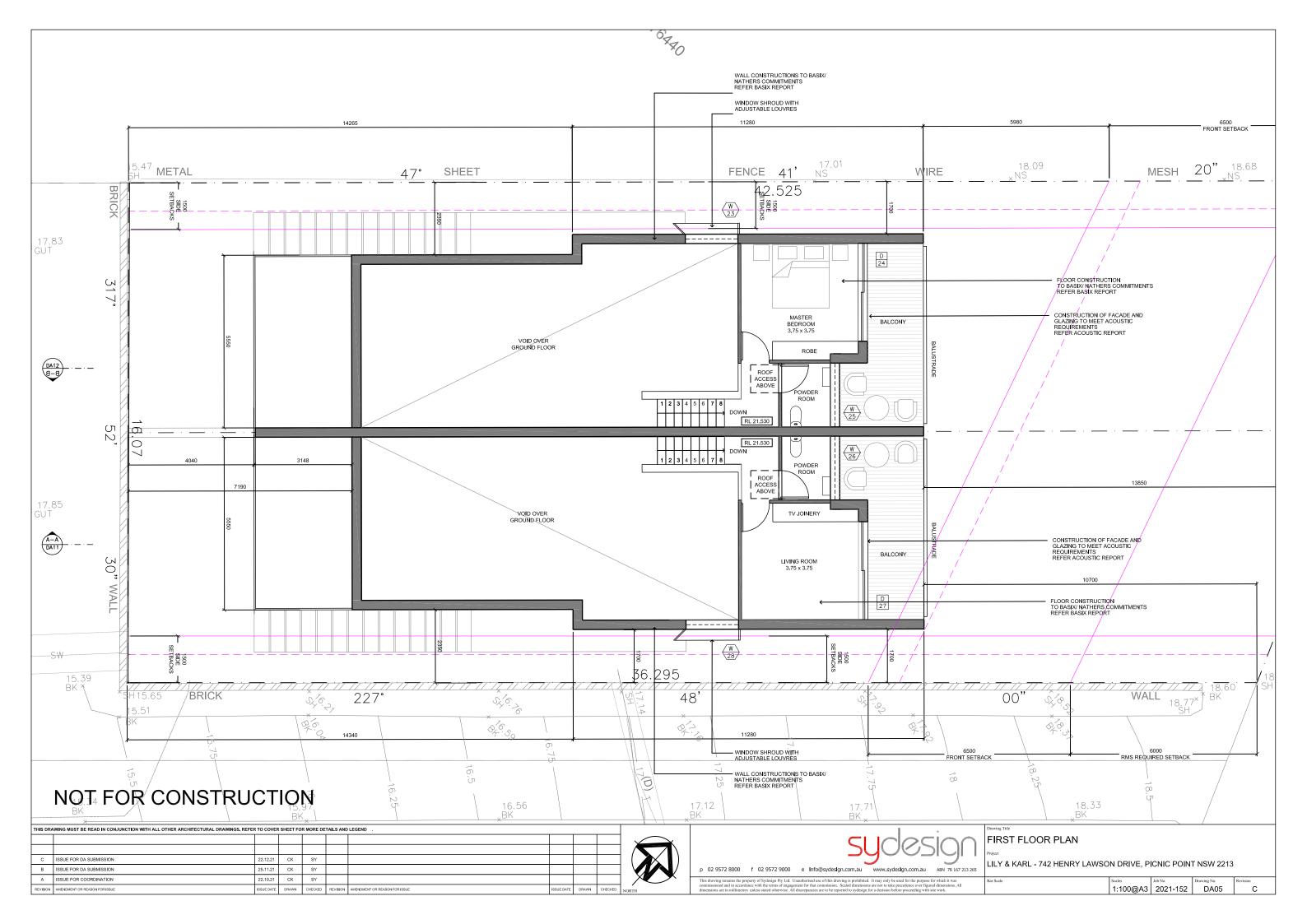
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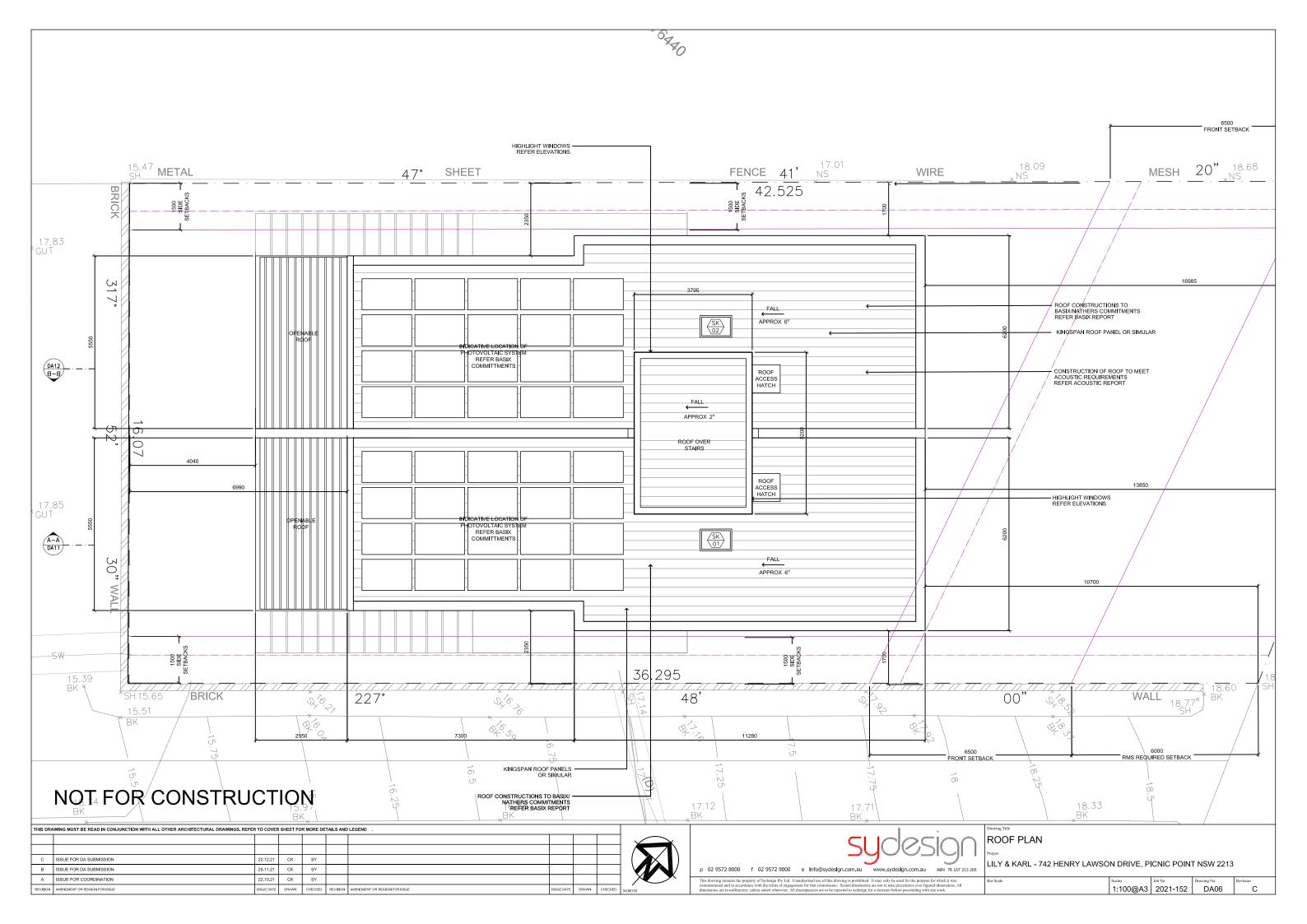




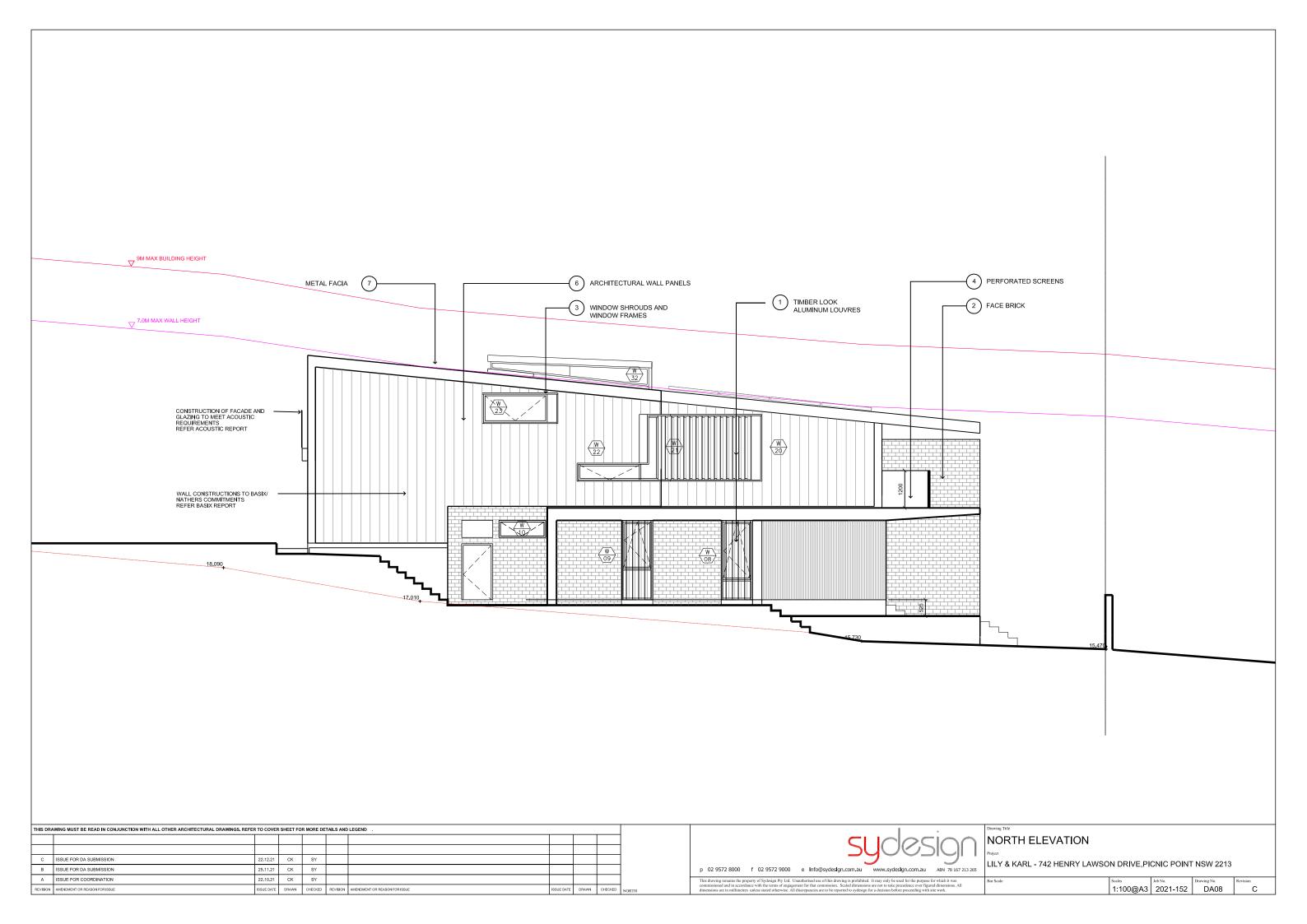


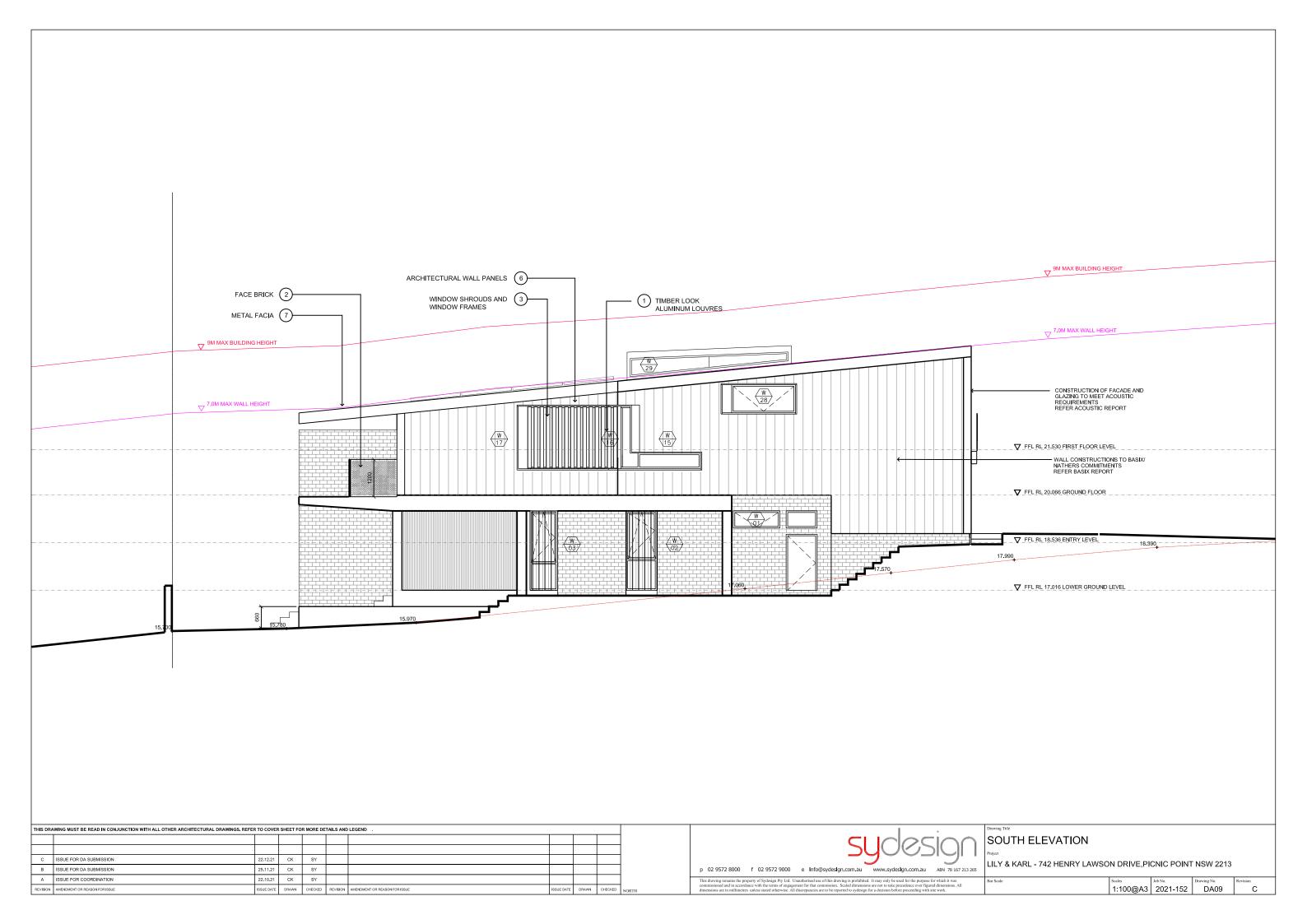


















STREETSCAPE ELEVATION A-A

C ISSUE FOR DA SUBMISSION 22.12.21 CK SY B ISSUE FOR DA SUBMISSION 25.11.21 CK SY	THIS DR.	AWING MUST BE READ IN CONJUNCTION WITH ALL OTHER ARCHITECTURAL DRAWINGS. REFER	R TO COVER	R SHEET FO	R MORE DE	TAILS AND) LEGEND .				
B ISSUE FOR DA SUBMISSION 25,11,21 CK SY]
B ISSUE FOR DA SUBMISSION 25,11,21 CK SY											
	С	ISSUE FOR DA SUBMISSION	22.12.21	СК	SY						
P4 USEUE FOR COORDINATION 27.40.24 CV SV	В	ISSUE FOR DA SUBMISSION	25.11.21	СК	SY						
F1 1550E F0K COOKDINATION 27.10.21 GK 31	P1	ISSUE FOR COORDINATION	27.10.21	ск	SY			1			1
REVISION AMERIDMENT OR REASON FOR ISSUE ISSUE DATE DRAWN CHECKED REVISION AMERIDMENT OR REASON FOR ISSUE ISSUE DATE DRAWN	REVISION	AMENDMENT OR REASON FOR ISSUE	ISSUE DATE	DRAWN	CHECKED	REVISION	AMENDMENT OR REASON FOR ISSUE	ISSUE DATE	DRAWN	CHECKED	NORTH



STREETSCAPE ELEVATION

LILY & KARL - 742 HENRY LAWSON DRIVE, PICNIC POINT NSW 2213

f 02 9572 9000 e Info@sydesIgn.com.au www.sydesIgn.com.au ABN 78 167 213 265

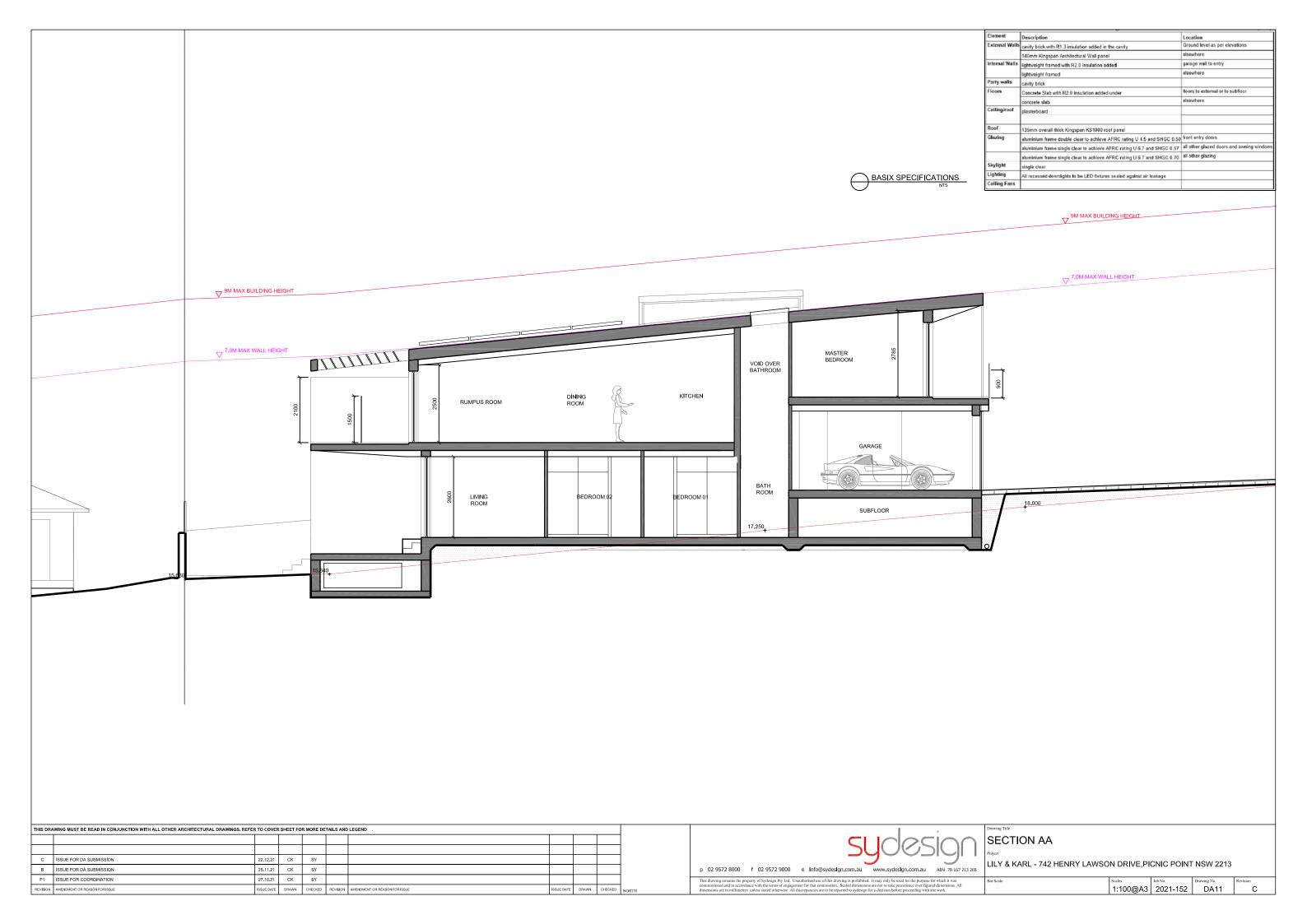
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Bar Scale

Scales

Job No.

1:100@A3 2021-152 DA10



BASIX*Certificate Building Sustainability Index www.basix.nsw.gov.au

Multi Dwelling

Certificate number: 1254279M_02

This certificate confirms that the proposed development will meet the NSW government's requirements for sustainability, if it is built in accordance with the commitments so dut below. Terms used in this certificate, or in the commitments, have the meaning given by the document entitled "BASIX Definitions" dated 10/09/2020 published by the Department. This document is available at www.basix.nsw.gov.au

Secretary
Date of issue: Friday, 18 March 2022
To be valid, this certificate must be lodged within 3 months of the date of issue.



Project summary		
Project name	742 Henry Lawson D	rive_02
Street address	742 Henry Lawson D	rive Picnic Point 2213
Local Government Area	Canterbury-Bankstow	m Council
Plan type and plan number	deposited 819327	
Lot no.	61	
Section no.	-	
No. of residential flat buildings	0	
No. of units in residential flat buildings	0	
No. of multi-dwelling houses	2	
No. of single dwelling houses	0	
Project score	No.	
Water	✓ 40	Target 40
Thermal Comfort	✓ Pass	Target Pass
Energy	✓ 100	Target 50

Certificate Prepared by	
Name / Company Name: Ecological	Design Pty Ltd
ABN (if applicable): 56151659120	

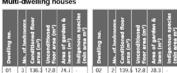
Description of project

Project name	742 Henry Lawson Drive_02
Street address	742 Henry Lawson Drive Picnic Point 221:
Local Government Area	Canterbury-Bankstown Council
Plan type and plan number	deposited 819327
Lot no.	61
Section no.	
Project type	
No. of residential flat buildings	0
No. of units in residential flat buildings	0
No. of multi-dwelling houses	2
No. of single dwelling houses	0
Site details	
Site area (m²)	550.12
Roof area (m²)	220
Non-residential floor area (m²)	0.0
Residential car spaces	4
Non-residential car spaces	0

Common area lawn (m²)	0.0	
Common area garden (m²)	0.0	
Area of indigenous or low water use species (m²)	F	
Assessor details		
Assessor number	20570	
Certificate number	0006856930	
Climate zone	56	
Ceiling fan in at least one bedroom	No	
Ceiling fan in at least one living room or other conditioned area	No	
Project score		
Weter	✓ 40	Target 40
Thermal Comfort	✓ Pass	Target Pass
Energy	1 00	Target 50

Description of project

The tables below describe the dwellings and common areas within the project



No common areas specified.

Schedule of BASIX commitments

1. Commitments for multi-dwelling houses

(a) Dwellings (i) Water (ii) Energy (iii) Thermal Comfort

2. Commitments for single dwelling houses

Commitments for common areas and central systems/facilities for the development (non-building specific)
 (i) Water
 (ii) Energy

Schedule of BASIX commitments

The commitments set out below regulate how the proposed development is to be carried out. It is a condition of any development consent granted, or complying development certificate issued, for the proposed development, that BASIX commitments be compiled with.

1. Commitments for multi-dwelling houses

(i) Water	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
(c) The applicant must comply with the commitments listed below in carrying out the development of a dwelling listed in a table below.		1	
(t) The applicant must plant indigenous or low water use species of vegetation throughout the area of land specified for the dwelling in the "Indigenous species" column of the table below, as pivate landscaping for that dwelling. (This area of indigenous vegetation is to be contained within the "Veac of garden and lawn for the dwelling specified in the "Description of Projona" table).	~	~	
(d) If a rating is specified in the table below for a fixture or appliance to be installed in the dwelling, the applicant must ensure that each such fixture and appliance meets the rating specified for it.		~	~
(c) The applicant must install an on demand hot water recirculation system which regulates all hot water use throughout the dwelling, where indicated for a dwelling in the "HW recirculation or diversion" column of the table below.		~	~
(c) The applicant must install:			
(aa) a hot water diversion system to all showers, kichen sinks and all basins in the dwelling, where indicated for a dwelling in the "HW recirculation or diversion" column of the table below; and		~	V
(bb) a separate diversion tank (or tanks) connected to the hot water diversion systems of at least 100 litres. The applicant must connect the hot water diversion tank to all toilets in the dwelling.		~	~
(e) The applicant must not install a private swimming pool or spa for the dwelling, with a volume exceeding that specified for it in the table below.	~	~	
(f If specified in the table, that pool or spa (or both) must have a pool cover or shading (or both).		~	
(c) The pool or spa must be located as specified in the table.	~	~	
(r) The applicant must install, for the dwelling, each altermstive water supply system, with the specified size, listed for that dwelling in the table below. Each system must be configured to oblect run off from the areas specified (excluding any area which supplies any other attensitive water supply system), and to driver overflow as specified. Each system must be connected as specified.	~	~	~

			Fixtur	es		Appli	ances		Indi	vidual pool	Individual spa			
Dwelling no.	All shower- heads	All toilet flushing systems	kitchen		HW recirculation or diversion	All clothes washers	All dish- washers	Volume (max volume)	Poel cover	Pool location	Pool shaded	Volume (max volume)	Spa cover	Spa shaded
All dwellings	3 star (> 7.5 but <= 9 L/min)	4 star	5 star	5 star	по		-			E .	GA.		-	-

		Alternative water source								
Dwelling no.	Alternative water supply systems	Size	Configuration	Landscape connection	Toilet connection (s)	Laundry connection	Pool top-up	Spa top-up		
01	individual water tank (no. 1)	Tank size (min) 1500.0 litres	To collect run off from at least: 110.0 square metrics of roof area; 0.0 square metrics of imprevious area; 0.0 square metrics of garden and lawn area; and 0.0 square metrics of planter box area.	yes	no	yes	no	по		
All other dwellings	individual water tank (no. 2)	Tank size (min) 1500.0 litres	To collect run off from at least: 110.0 square metres of roof area; 0.0 square metres of impervious area; 0.0 square metres of garden and lawn area; and 0.0 square metres of planter box area.	yes	no	yes	no	по		

(ii) Energy	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
(a) The applicant must comply with the commitments listed below in carrying out the development of a dwelling listed in a table below.		1	
(b) The applicant must install each hot water system specified for the dwelling in the table below, so that the dwelling's hot water is supplied by that system. If the table specifies a central hot water system for the dwelling, then the applicant must connect that central system to the dwelling, so that the dwelling's hot water is supplied by that central system.	~	~	~
(c) The applicant must install, in each bathroom, kitchen and laundry of the dwelling, the ventilation system specified for that room in the table below. Each such ventilation system must have the operation control specified for it in the table.		~	~

(ii) Energy	Show on DA plans	Show on CC/CDC plans & specs	Certifier
(d) The applicant must install the cooling and heating system's specified for the dwelling under the "Living areas" and "Bedroom areas" headings of the "Cooling" and "heating" columns in the table below, inflor at least 1 living/bedroom areas of the dwelling. If no cooling in heating systems is specified in the table for "Living areas" or "Bedroom areas", then no systems may be installed in any such areas. If the term "zoned" is specified beside an air conditioning system, then the system must provide for day/night zoning between living areas and bedrooms.		~	~
(e) This commitment applies to each room or area of the dwelling which is referred to in a heading to the "Artificial lighting" column of the table below (but only to the extent specified for that room or area). The applicant must resure that the "primary type of artificial lighting" for each such room in the dwelling is forecessent lighting right entiting clided (LCD) lighting. If the term 'decleted is specified for a pertuctuor room or area, then the light filtings in that room or area must only be capable of being used for fluorescent lighting or light entitling doods (LED) lighting.		~	~
(f) This commitment applies to each room or area of the dwelling which is referred to in a heading to the "Natural lighting" column of the table below (but only to the exister specified for that room or area). The applicant must ensure that each such room or area is fitted with a window and/or skylight.	~	~	~
(g) This commitment applies if the applicant installs a water heating system for the dwelling's pool or spa. The applicant must:			
(aa) install the system specified for the pool in the "Individual Pool" column of the table below (or alternatively must not install any system for the pool). If specified, the applicant must install a timer, to control the pool's pump; and		~	
(bb) install the system specified for the spa in the "Individual Spa" column of the table below (or alternatively must not install any system for the spa). If specified, the applicant must install a timer to control the spa's pump.		~	
(h) The applicant must install in the dwelling:			
(aa) the kitchen cook top and oven specified for that dwelling in the "Appliances & other efficiency measures" column of the table below;		~	
(bb) each appliance for which a rating is specified for that dwelling in the "Appliances & other efficiency measures" column of the table, and ensure that the appliance has that minimum rating; and		~	~
(cc) any clothes drying line specified for the dwelling in the "Appliances & other efficiency measures" column of the table.		~	
 (i) If specified in the table, the applicant must carry out the development so that each refriger ator space in the dwelling is "well ventilated". 		~	
(i) The applicant must install the photovoltaic system specified for the dwelling under the "Photovoltaic system" heading of the "Alternative energy" column of the table below, and connect the system to that dwelling's electrical system.	~	~	~

	Hot water	Bathroom ven	tilation system	Kitchen venti	lation system	Laundry ventilation system			
velling i.	Hot water system	Each bathroom	Operation control	Each kitchen	Operation control	Each laundry	Operation control		
rellings	electric heat pump- air sourced 31 to 35 individual fan, ducted manual switch on/off STCs manual switch on/off		individual fan, ducted to façade or roof	manual switch on/off	individual fan, ducted to façade or roof	manual switch on/off			

ı		Cooling		Hea	ting		Artificial lighting							
Dwelling livi no.		living areas	bedroom areas	living areas	bedroom areas	No. of bedrooms &/or study	No. of living &/or dining rooms	Each kitchen	All bathrooms/ toilets	Each laundry	All hallways	No. of bathrooms &/or toilets	Main kitchen	
	01	1-phase airconditioning EER 2.5 - 3.0 (zoned)	3 (dedicated)	2 (dedicated)	yes (dedicated)	yes (dedicated)	yes (dedicated)	yes (dedicated)	3	yes				
	All other dwellings	1-phase airconditioning EER 2.5 - 3.0 (zoned)	2 (dedicated)	2 (dedicated)	yes (dedicated)	yes (dedicated)	yes (dedicated)	yes (dedicated)	3	yes				

	Individual p	ool	Individual s	pa			Appliances & other efficiency measures					
velling).	Pool heating system	Timer	Spa heating system	Timer	Kitchen cooktoploven			Dishwasher	Clothes washer	Clothes dryer		Private outdoor or unsheltered clothes drying line
rellings	-				induction cooktop & electric oven		no				yes	no

THIS DRA	PRAWING MUST BE READ IN CONJUNCTION WITH ALL OTHER ARCHITECTURAL DRAWINGS. REFER TO COVER SHEET FOR MORE DETAILS AND LEGEND.									
С	ISSUE FOR DA SUBMISSION	23.12.21	СК	SY						
В	ISSUE FOR DA SUBMISSION	25.11.21	СК	SY						ĺ
Α	ISSUE FOR COORDINATION	22.10.21	СК	SY						
REVISION	AMENDMENT OR REASON FOR ISSUE	ISSUE DATE	DRAWN	CHECKED	REVISION	AMENDMENT OR REASON FOR ISSUE	ISSUE DATE	DRAWN	CHECKED	1,,,,,



Diawing True	
BASIX	COMMITMENTS

be used for the purpose for which it was	Bar Scale	Scales	Job No.	Drawing No.	Revision	
ke precedence over figured dimensions. All before proceeding with site work.		NTS	2021-152	DA12	С	

	Alternative ener	gy		
Ewelling no.	Photovoltaic system (min rated electrical output in peak kW)			
All dwellings	6.0			
iii) Thermal Comfort		Show on DA plans	Show on CC/CDC plans & specs	Certifie
	ruction certificate application for the proposed development (or, if for the proposed development to that application). The applicant			
(b) The Assessor Certificate must have been issued by an Accredite	d Assessor in accordance with the Thermal Comfort Protocol.			
(c) The details of the proposed development on the Assessor Certific Certificate, including the details shown in the "Thermal Loads" to				
(d) The applicant must show on the plans accompanying the develo- which the Thermal Comfort Protocol requires to be shown on the the Accredited Assessor, to certify that this is the case.		~		
(e) The applicant must show on the plans accompanying the applica- certificate, if applicable), all thermal performance specifications development which were used to calculate those specifications.	ation for a construction certificate (or complying development set out in the Assessor Certificate, and all aspects of the proposed		~	
(f) The applicant must construct the development in accordance with Certificate, and in accordance with those aspects of the develop certificate which were used to calculate those specifications.	n all thermal performance specifications set out in the Assessor ment application or application for a complying development		~	~
(g) Where there is an in-slab heating or cooling system, the applicant		~	~	~
(aa) Install insulation with an R-value of not less than 1.0 are				
edges of the perimeter of the slab.	of not less than 1.0 underneath the slab and around the vertical			
(h) The applicant must construct the floors and walls of the develope below.	ment in accordance with the specifications listed in the table			

	Therma	I loads
Dwelling no.	Area adjusted heating load (in mJ/m²/yr)	Area adjusted cooling load (in mJ/m²/yr)
01	31.5	21.4
All other dwellings	45.0	18.1

	Construction of floors and walls									
Dwelling no.	Concrete slab on ground(m²)			Suspended floor above garage (m²)	Primarily rammed earth or mudbrick walls					
All dwellings	7	-	73	14	No					

3. Commitments for common areas and central systems/facilities for the development (non-building specific)

Common area Showerheads rating Toilets rating Taps rating Clothes washers rating

(b) Common areas and central systems/facilities

(i) Water	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
(a) If, in carrying out the development, the applicant installs a showerhead, toilet, tap or clothes washer into a common area, then that item must meet the specifications listed for it in the table.		~	~
(b) The applicant must install (or ensure that the development is serviced by) the alternative vister supply system(s) specified in the "Central systems" column of the table below. In each case, the system must be sized, be configured, and be connected, as specified in the table.	~	~	~
(c) A swimming pool or spa listed in the table must not have a volume (in kl.s) greater than that specified for the pool or spa in the table.	~	~	
(d) A pool or spa listed in the table must have a cover or shading if specified for the pool or spa in the table.		~	
(e) The applicant must install each fire sprinkler system listed in the table so that the system is configured as specified in the table.		~	~
(f) The applicant must ensure that the central cooling system for a cooling tower is configured as specified in the table.		~	~

All common areas	no common facility	no common facility	no common facility	no common laun	ndry facility			
(ii) Energy				Show on DA plans	Show on CC/CDC plans & specs	Certifier		
		stalls a ventilation system to service a type specified for that common area, a	common area specified in the table and must meet the efficiency measure		~	~		
specified in	the table below, the lighting specified to the must also install a centralised lighting		al lighting" for each common area st meet the efficiency measure specified nent System (BMS) for the common area		~	~		
		specified in the *Central energy syste	ms* column of the table below. In each					

Notes

- 3. This note applies if the proposed development involves the erection of a building for both residential and non-residential purposes (or the change of use of a building for both residential and non-residential purposes). Commitments in this certificate which are specified to apply to a "common area" of a building or the development, apply only to that part of the building or development to be used for residential purposes.
- 4. If this certificate lists a central system as a commitment for a dwelling or building, and that system will also service any other dwelling or building within the development, then that system need only be installed once (even if it is separately listed as a commitment for that other dwelling or building).
- 5. If a star or other rating is specified in a commitment, this is a minimum rating.
 6. All alternative water systems to be installed under these commitments (if any), must be installed in accordance with the requirements of all applicable regulatory authorities. NOTE: NSW Health does not recommend that stormwater, recycled water or private dam water be used to intigate adiable plants which are consumed raw, or that rainwater be used for human consumption in areas with potable water supply.

Legend

- 1. Commitments identified with a "p" in the "Show on DA plans" column must be shown on the plans accompanying the development application for the proposed development (if a development application is to be lodged for the proposed development).
 2. Commitments identified with a "p" in the "Show on CC/CDC plans and specs" column must be shown in the plans and specifications accompanying the application for a construction certificate I complying development certificate for the proposed development.
 3. Commitments identified with a "p" in the "Certifier inchest" column must be certified by a certifying authority as having been fulfilled. (Note: a certifying authority must not issue an occupation certificate in return or final for a building identification, or for any part of such a building identification in this certificate, or for any part of such a building, unless it is satisfied that each of the commitments whose fulfillment it is required to monitor in relation to the building or part, has been fulfilled.

THIS DRA	THIS DRAWING MUST BE READ IN CONJUNCTION WITH ALL OTHER ARCHITECTURAL DRAWINGS. REFER TO COVER SHEET FOR MORE DETAILS AND LEGEND.											
]		
С	ISSUE FOR DA SUBMISSION	23.12.21	СК	SY						1		
В	ISSUE FOR DA SUBMISSION	25.11.21	CK	SY]		
А	ISSUE FOR COORDINATION	22.10.21	СК	SY								
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BASIX COMMITMENTS - CONTINUED

LILY & KARL - 742 HENRY LAWSON DRIVE, PICNIC POINT NSW 2213

NTS Job No. Drawing No. DA13

Nationwide House Energy Rating Scheme — Multiple Class1-dwelling summary NatHERS Certificate No. 0006856930

Generated on 18 Mar 2022 using BERS Pro v4.4.1.5 (3.21)

Property

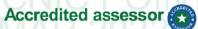
Address 742 Henry Lawson Dr , Picnic

Point, NSW, 2213

Lot/DP 819327

NatHERS climate zone

56



John Caley

Ecological Design Pty Ltd

john@ecologicaldesign.com.au

0418 262 706

Accreditation No.

20570

Assessor Accrediting Organisation ABS



Verification

To verify this certificate, scan the QR code or visit hstar.com.au/QR/Generate?p=VzbkZtPLt When using either link, ensure you are visiting hstar.com.au

Summary of all dwellings

Certificate number and link	Unit Number	Heating load (MJ/m²/p.a.)	Cooling load (MJ/m²/p.a.)	Total load (MJ/m²/p.a.)	Star rating
0006856892-02	Dwelling 01	31.5	21.4	52.8	5.9
0006856918-01	Dwelling 02	45	18.1	63.1	5.2

National Construction Code (NCC) requirements

The NCC's requirements for NathERS-rated buildings are detailed in 3.12.0(a)(i) and 3.12.5 of the NCC Volume Two. For apartments the requirements are detailed in J0.2 and J5 to J8 of the NCC Volume One.

In NCC 2019, these requirements include minimum star ratings and separate heating and cooling load limits that need to be met by buildings and apartments through the NatHERS assessment. Requirements additional to the NatHERS assessment that must also be satisfied include, but are not limited to: insulation installation methods, thermal breaks, building sealing, water heating and pumping, and artificial lighting requirements. The NCC and NatHERS Heating and Cooling Load Limits (Australian Building Codes Board Standard) are available at www.abcb.gov.au.

State and territory variations and additions to the NCC may also apply

Nationwide House Energy Pating Scheme (NatHERS) is an initiative of the Australian, state and territory governments, For more details see www.nathers.gov.au.

Page 1 of 2

0006856930 NatHERS Certificate

18 Mar 2022



Explanatory Notes

About this report

This is a summary of NCC Class 1 dwellings in a development. The individual dwellings' ratings are a comprehensive, dynamic computer modelling evaluation of a home, using the floorplans, elevations and specifications to estimate the energy load. It addresses the building layout, orientation and fabric (i.e. walls, windows, floors, roofs and ceilings), but does not cover the water or energy use of appliances, or energy production of solar panels. For more details about an individual dwelling's assessment, refer to the individual dwelling's NatHERS Certificate (accessible via link).

Accredited Assessors

To ensure the NatHERS Certificate is of a high quality, always use an accredited or licenced assessor. NatHERS accredited assessors are members of a professional body called an Assessor Accrediting Organisation (AAO). AAOs have specific quality assurance processes in place, and continuing professional development requirements, to maintain a high and consistent standard of assessments across the country.

Any questions or concerns about this report should be directed to the assessor in the first instance. If the assessor is unable to address these questions or concerns, the AAO specified on the front of this certificate should be contacted.

Disclaime

The format of the NatHERS Certificate was developed by the NatHERS Administrator. However the content, input and creation of the NatHERS Certificate is by the assessor. It is the responsibility of the assessor who prepared this certificate to use NatHERS accredited software correctly and follow the NatHERS Technical Notes to produce a NatHERS Certificate.

Nationwide House Energy Rating Scheme (NatHERS) is an initiative of the Australian, state and territory governments For more details see www.nathers.gov.au.

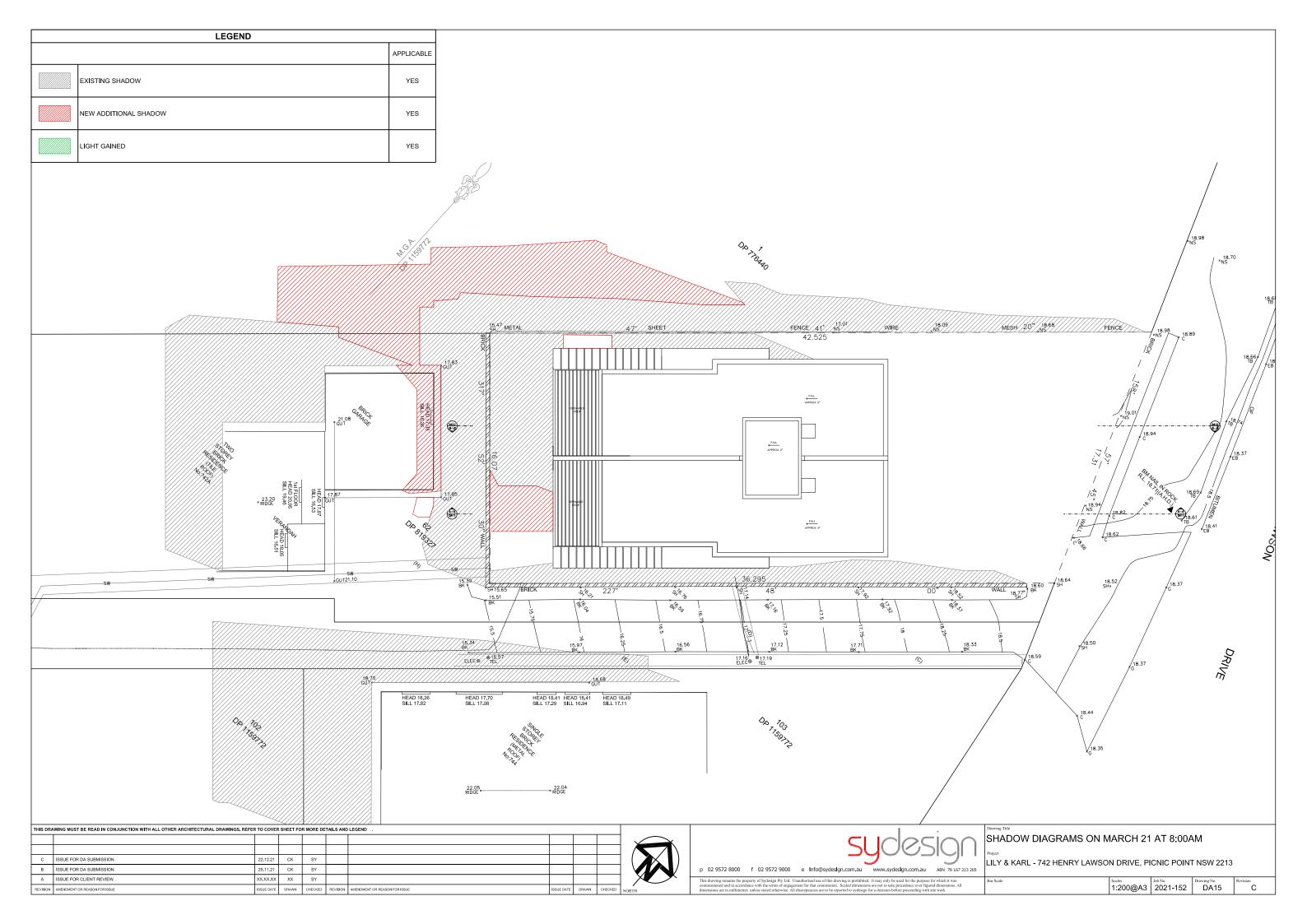
Page 2 of 2

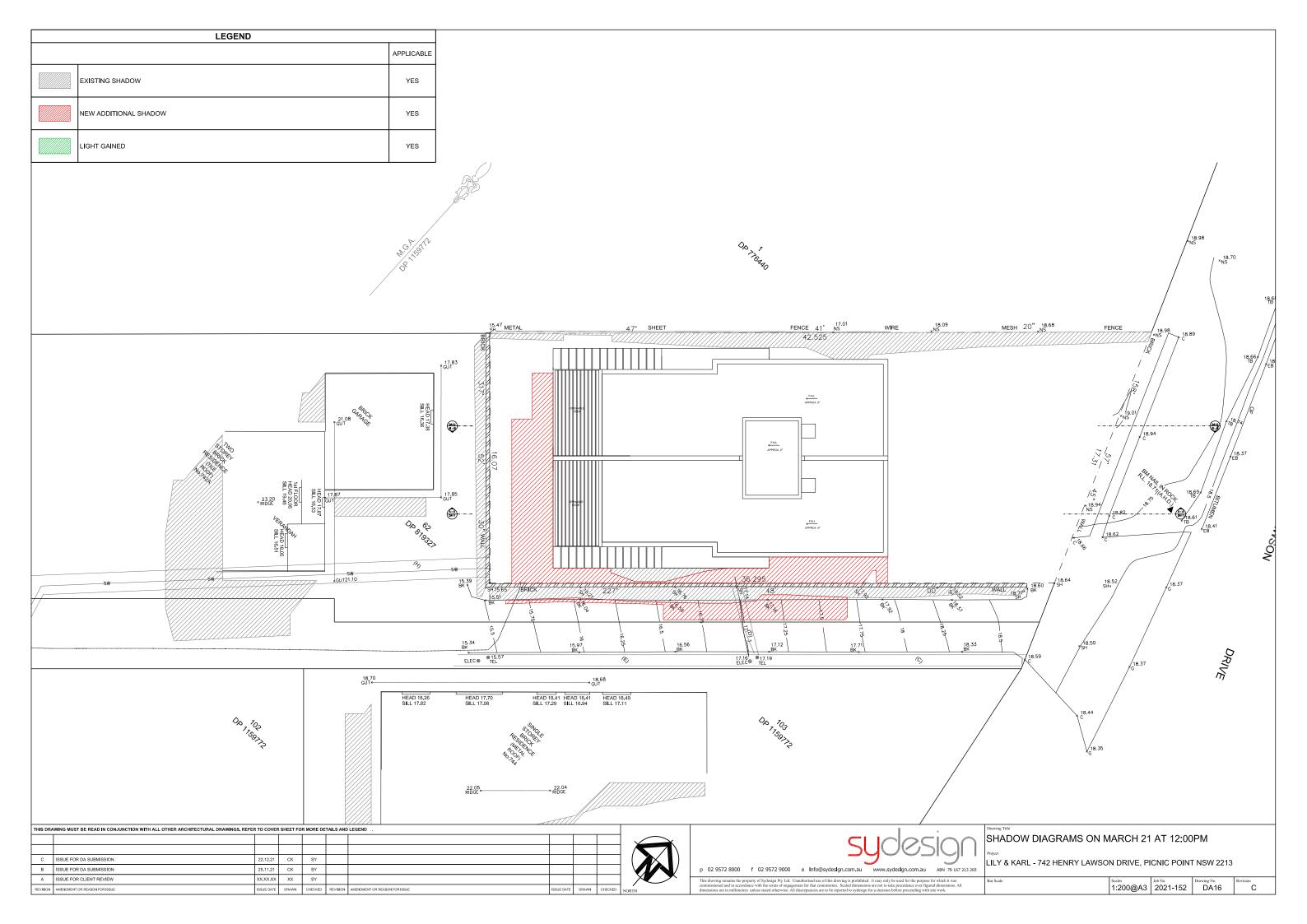
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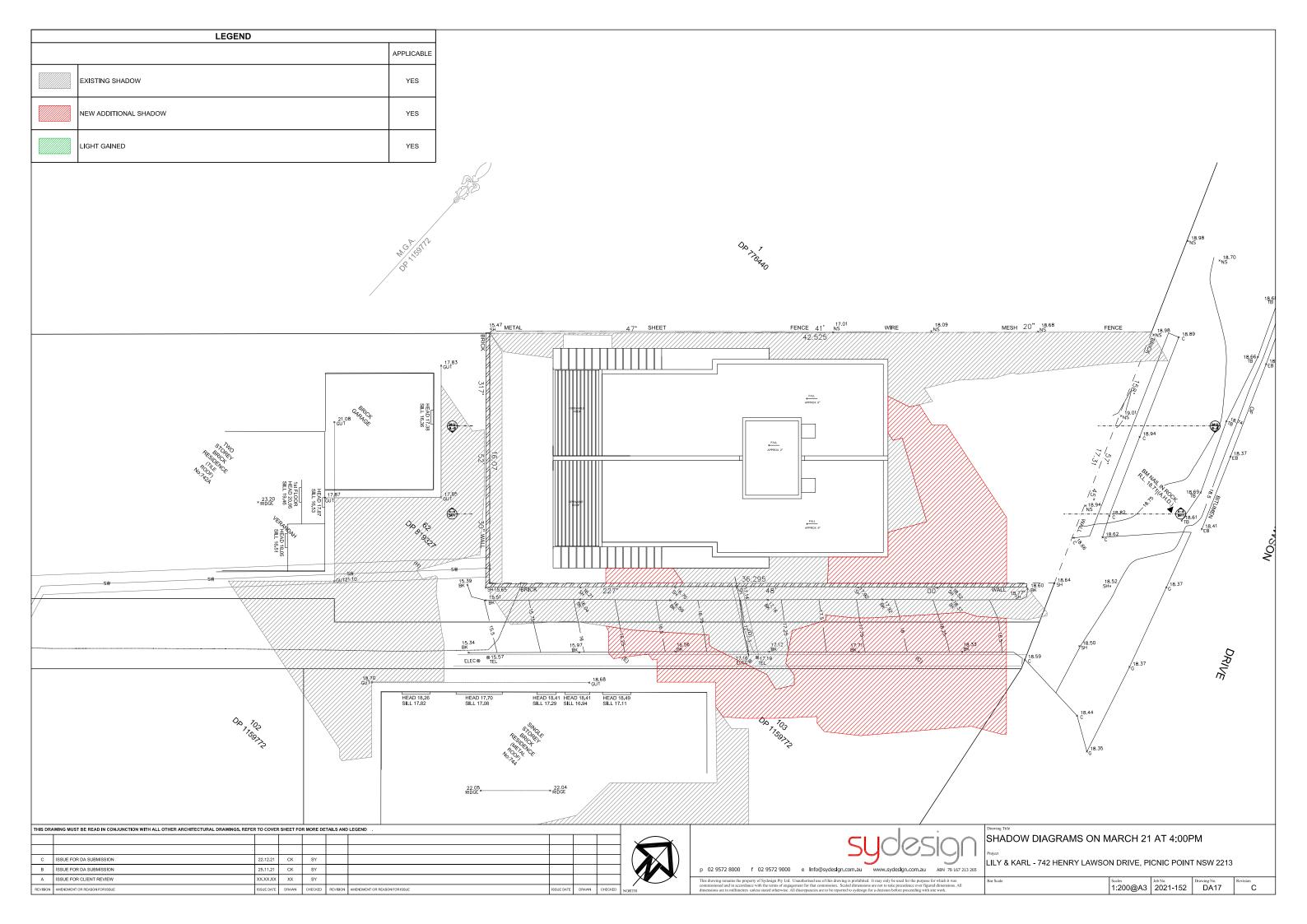
BASIX - NATHERS

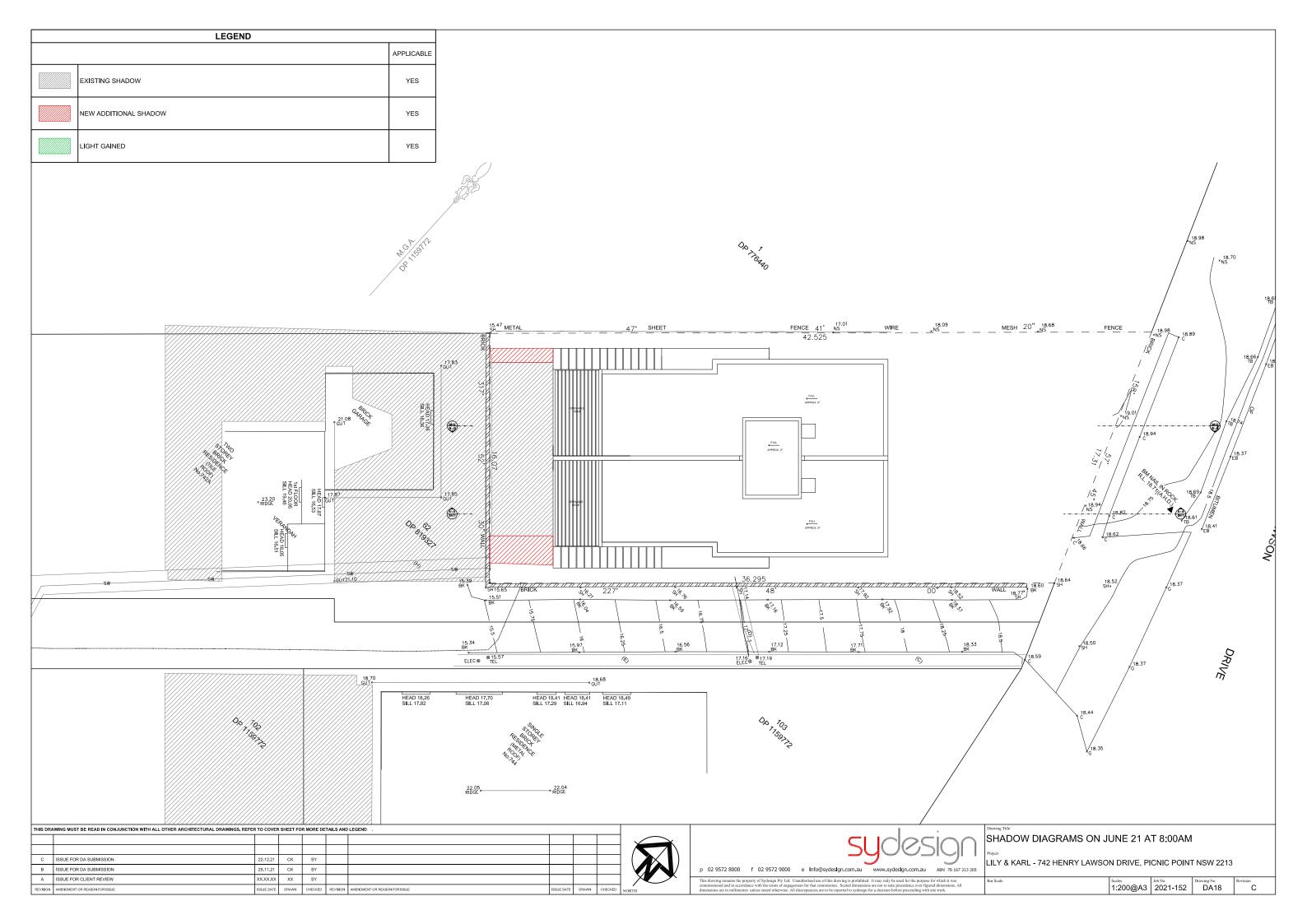
LILY & KARL - 742 HENRY LAWSON DRIVE, PICNIC POINT NSW 2213

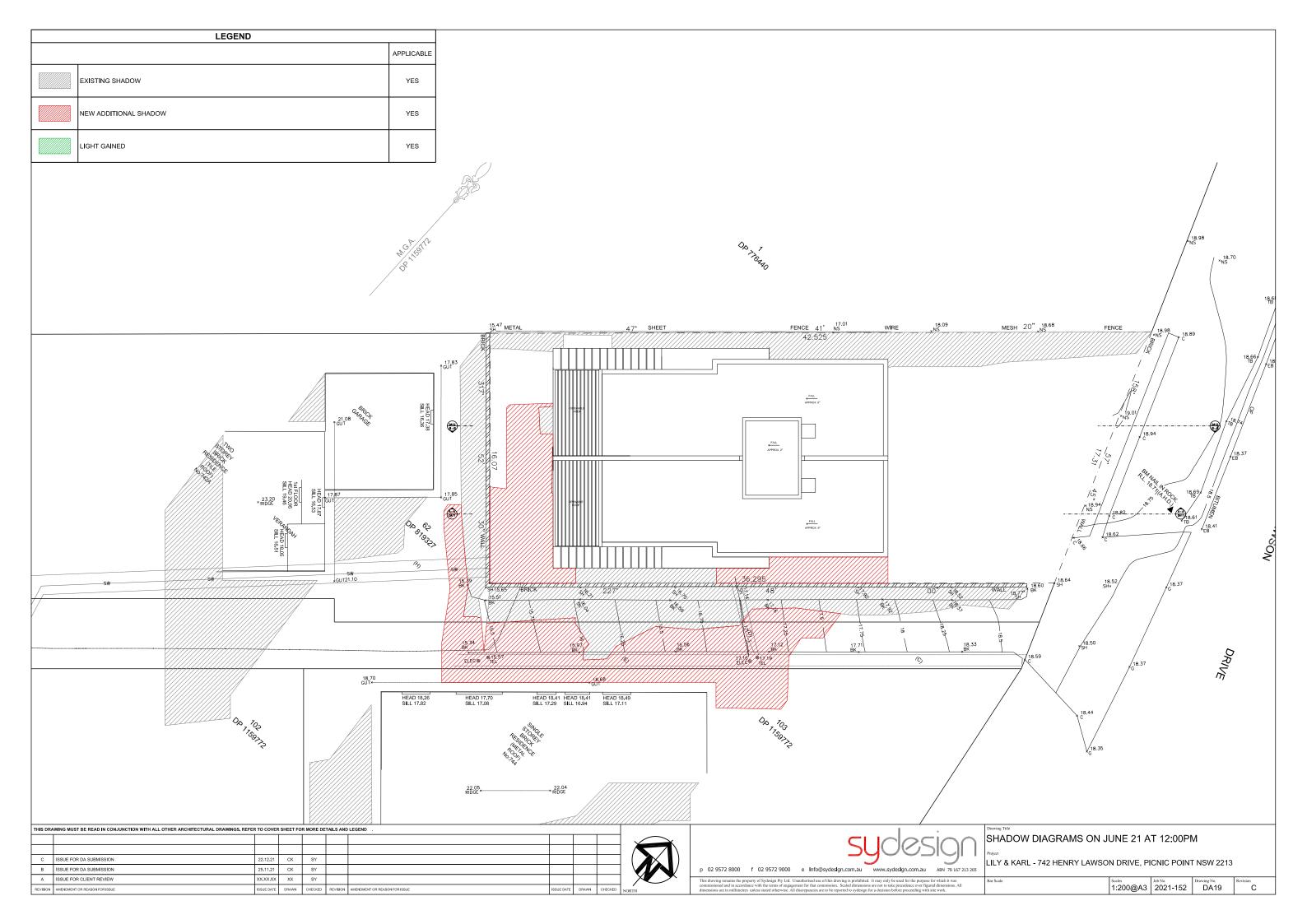
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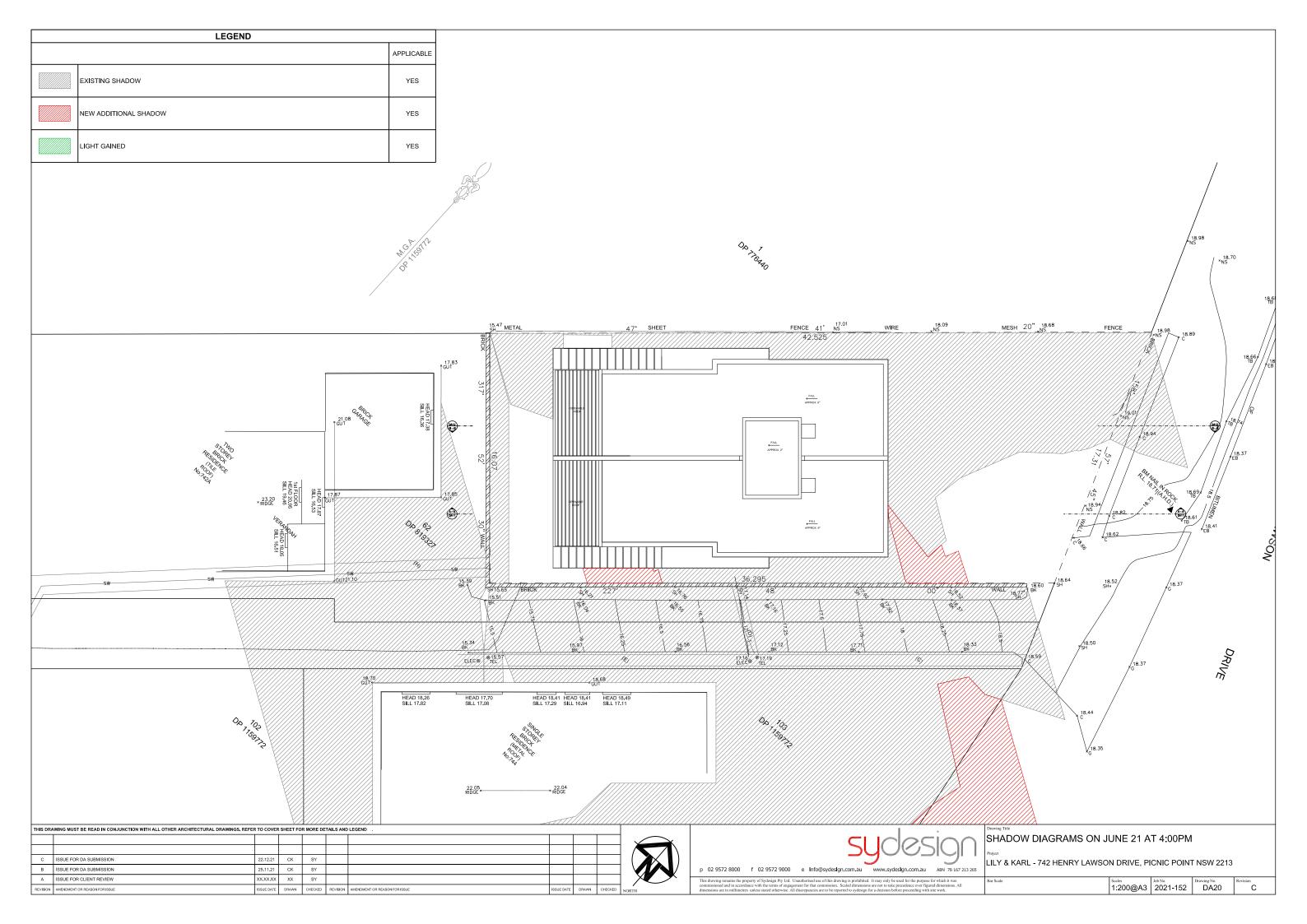










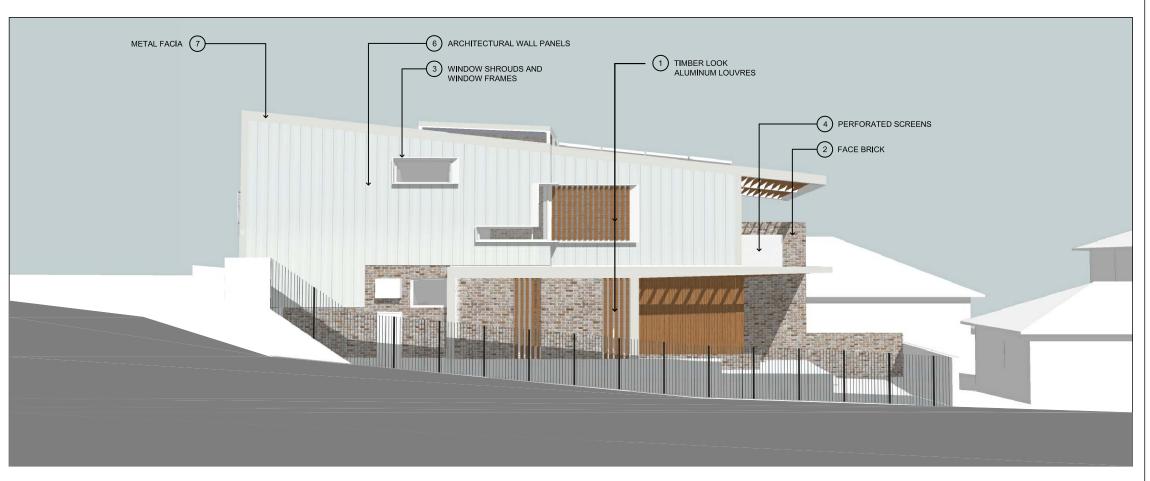


PRECEDENT IMAGES











TIMBER LOOK ALUMINIUM -SPOTTED GUM OR SIMULAR

TIMBER LOOK LOUVRES / PANELS

4

ADJUSTABLE ROOF SHADING

SUN SHADING PRIVACY SCREENS



FACE BRICK

(5)

EXTERNAL WALLS RETAINING WALS



OFF-WHITE METALLIC POWEDERCOATED ALUMINIUM & CLEAR LOW-E GLAZING

WINDOWS/ DOORS (3)

- WINDOWS AND DOORS GLASS BALUSTRADES (FRAMELESS SAFETY GLASS)
- POOL FENCE (FRAMELESS SAFETY GLASS)



PERFORATED METAL IN WHITE TO MATCH WINDOW FRAMES

PERFORATED SCREENS

- BALUSTRADE
- WINDOW SHROUDS



TEXTURED OFF-FORM CONCRETE FINISH

CONCRETE

- EXTERNAL WALLS
- DRIVEWAY RETAINING WALLS



LYSAGHT LONGLINE® 305 CLADDING OR SIMULAR

CORREGATED WALL / ROOF SYSTEM

- EXTERNAL WALLS
 - ROOFING



METAL AND STEEL (7)

- POSTS & STRUCTURAL STEEL
- HANDRAILS
- EXTERNAL LIGHTING FITTINGS
- ROOF ACCESSORIES

1:100@A3 2021-152 DA21

OFF-WHITE POWDERCOAT

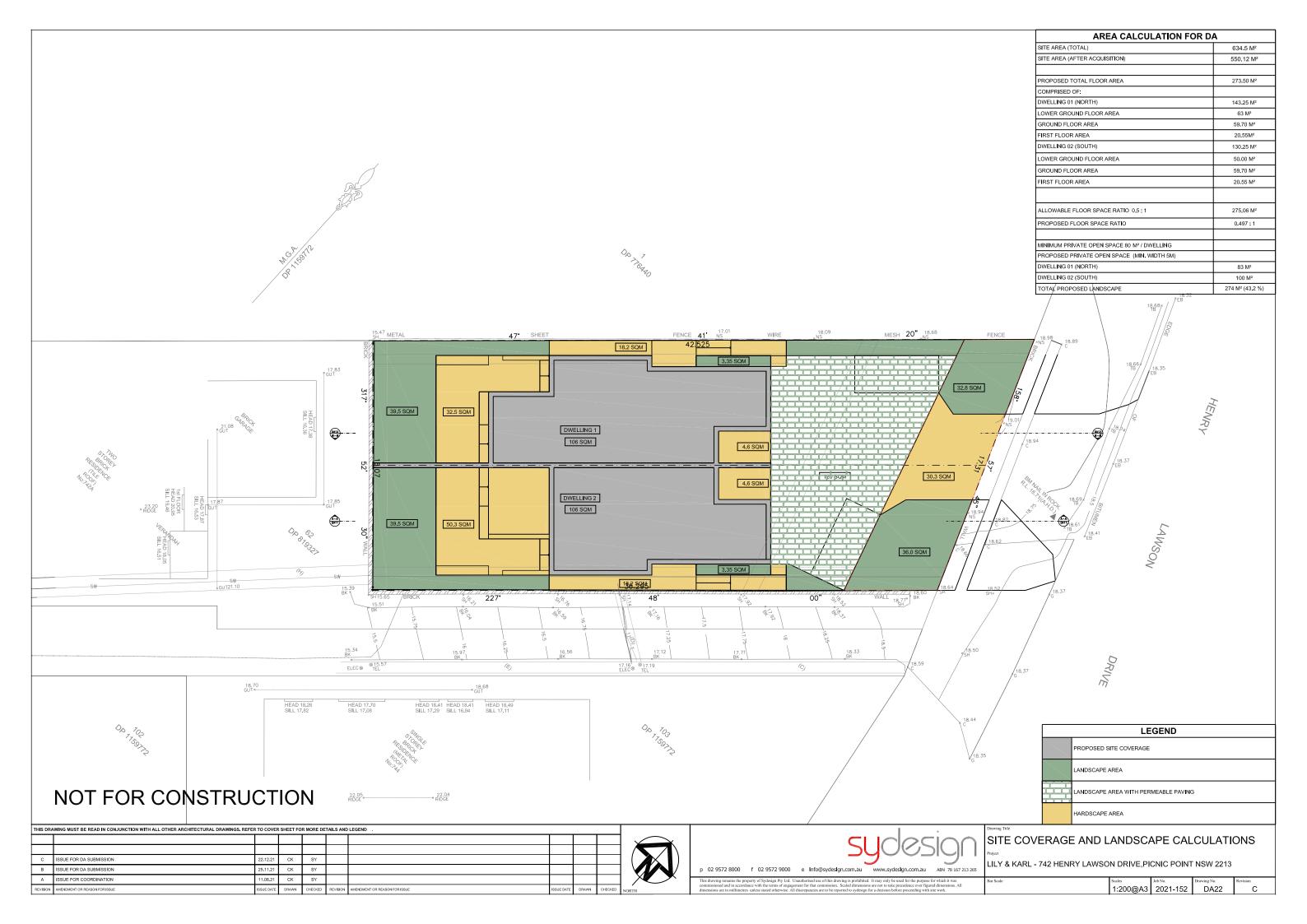
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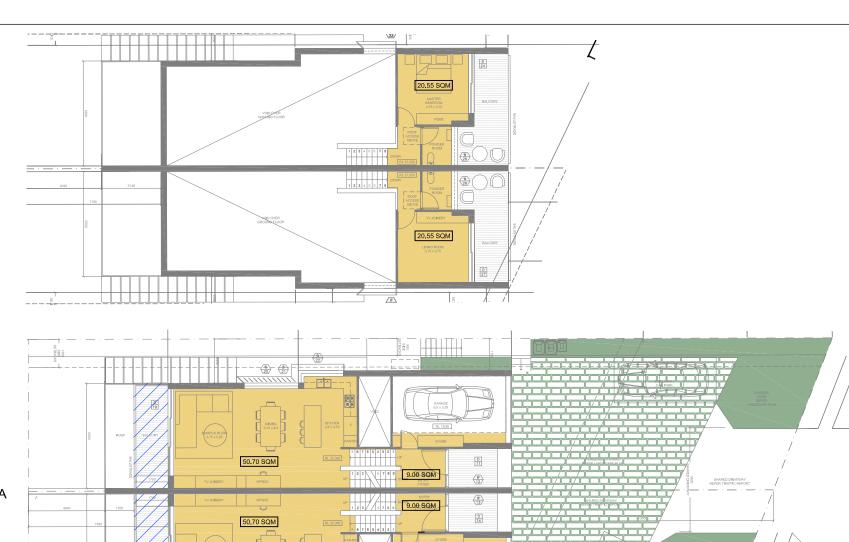


(6)

SCHEDULE OF MATERIALS & FINISHES

LILY & KARL - 742 HENRY LAWSON DRIVE, PICNIC POINT NSW 2213





AREA CALCULATION FOR DA SITE AREA (TOTAL) 634.5 M² SITE AREA (AFTER ACQUISITION) 550.12 M² PROPOSED TOTAL FLOOR AREA 273.50 M² COMPRISED OF: DWELLING 01 (NORTH) 143.25 M² LOWER GROUND FLOOR AREA 63 M² GROUND FLOOR AREA 59.70 M² FIRST FLOOR AREA 20.55M² DWELL**IN**G 02 (SOUTH) 130.25 M² LOWER GROUND FLOOR AREA 50.00 M² GROUND FLOOR AREA 59.70 M² FIRST FLOOR AREA 20.55 M² ALLOWABLE FLOOR SPACE RATIO 0.5:1 275.06 M² PROPOSED FLOOR SPACE RATIO 0.497:1 MINIMUM PRIVATE OPEN SPACE 80 M² / DWELLING PROPOSED PRIVATE OPEN SPACE (MIN. WIDTH 5M) DWELLING 01 (NORTH) 83 M² DWELLING 02 (SOUTH) 100 M² 274 M² (43.2 %) TOTAL PROPOSED LANDSCAPE

GROUND FLOOR AREA

FIRST FLOOR AREA

₩ 09 73/SQM 63.00 SQM 50.00 SQM 90,5QM

LOWER GROUND FLOOR AREA

THIS DRAWING MUST BE READ IN CONJUNCTION WITH ALL OTHER ARCHITECTURAL DRAWINGS. REFER TO COVER SHEET FOR MORE DETAILS AND LEGEND B ISSUE FOR DA SUBMISSION 25.11.21 CK SY A ISSUE FOR COORDINATION XX,08,21 CK



p 02 9572 8000 f 02 9572 9000 e Info@sydeslgn.com.au www.sydeslgn.com.au ABN 78 167 213 265

GROSS FLOOR AREA CALCULATIONS

LILY & KARL - 742 HENRY LAWSON DRIVE, PICNIC POINT NSW 2213

PRIVATE OPEN SPACE

LANDSCAPE

1:200@A3 | Job No. | Drawing No. | DA23

LEGEND

FLOOR SPACE INCLUDED IN GROSS FLOOR AREA









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С	ISSUE FOR DA SUBMISSION	22.12.21	СК	SY					i	1				
В	ISSUE FOR DA SUBMISSION	25,11,21	СК	SY					i					
А	ISSUE FOR CLIENT REVIEW	06.10.20	CK	SY					i					
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3D PERSPECTIVES

NTS Job No. 2021-152 Drawing No. DA24

LILY & KARL - 742 HENRY LAWSON DRIVE, PICNIC POINT NSW 2213

