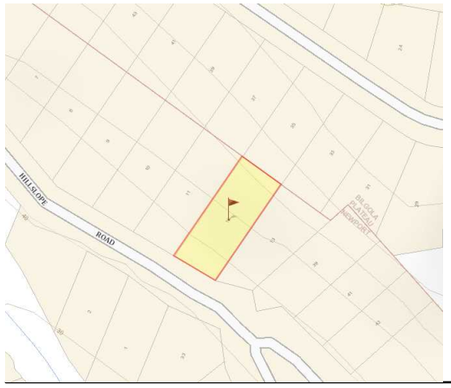

03 - Locality Plans

04 - Exterior Perspective

Legend

Bal	Balustrade. New aluminium balustrade to match existing.
C-PL	Off-form concrete to roof with 'extensive' planted roof on membrane.
COS	Confirm dimension on site.
CP1	Cladding- Colorbond steel standing seam wall cladding. No 1 roofing- Snap-line 45 architectural panles 445 wide. Insulation panels to existing brickwork, with sarking to cladding.
DP	Downpipe.
EX	Existing.
exGLB	Existing Glazed Balustrade.
FFL	Finished floor level.
GUT	Gutter- colorbond to future detail.
PB	Plasterboard. Internal wall linings generally 13mm.
PC	Polished concrete slab. With underfloor heating. Insulation to U/S of slab.
PV	Paving- stone tiling
RO	Roof Outlet.
RWT	Rainwater tank - 2000L to meet BASIX requirements. Similar to Aquip poly underdeck tank FW20UDL.
SB	Steel beam. To future detail.
S1	Steel stair- Dual steel stringer with precast concrete treads.
S2	Steel stair. Steel with mono stringer with precast concrete treads.
WD	Window and doors

FFL 53.59 — New Finished Floor Level

RL 53.59 — Existing Level

Demolished wall

Bulkhead or eave over

New internal timber stud wall

New external insulated timber and steel frame wall with steel cladding

Existing internal brick wall.

Existing external rendered brick wall with added insulation and external colorbond standing seam cladding.

WD 1 — Window/door 1
Refer BASIX

01 - Drawing List

EX- Existing house painted walls

CP1
Colorbond steel standing seam wall cladding to match roofing.
No.1 roofing- Snap-line 45 architectural panels. 445 wide.
Colour- Colorbond Basalt Matt

C
Off-form concrete to roof

WD
WIndow and door frames -
To match Colorbond Basalt

PV
Stone tiles 'filetti' style to match existing carspace.

PC
Polished concrete slab

Bal
Existing, re-used and new aluminum balustrade to match.
To match Colorbond Basalt

02 - Schedule of External Finishes

Notes
All work to conform to current Building Code of Australia and NSW supplement and all current relevant AS codes.
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New stairs to comply with AS stair construction Parts 3.9.1 and 3.9.2

Materials

- New Timber framed post/floor/wall structure
- New concrete
- New Glazing
- New Brickwork
- New steelwork

Drawing list, Schedule of External finishes, Legend, Perspective — **DA00**

Drawing:

No.	Issue	Date
a	Mod DA-WC location, cupboard	14-07-25
	Development Application	07-09-23

Alterations and Additions for

Jana and Michael Kapr

12 Hillslope Road Newport NSW

Development Application

Date : 14-07-25 Drawn: BH Scale: 1:100 UNO. A3

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LEP and DCP compliance Table

Pittwater LEP 2014

2.1	Zoning	C4	
4.3	Building height	8.5m	Complies
7.1	Acid Sulphate Soils	Class 5	Complies
7.7	Geotechnical Hazard	H1	refer Geotech report

Pittwater 21 DCP

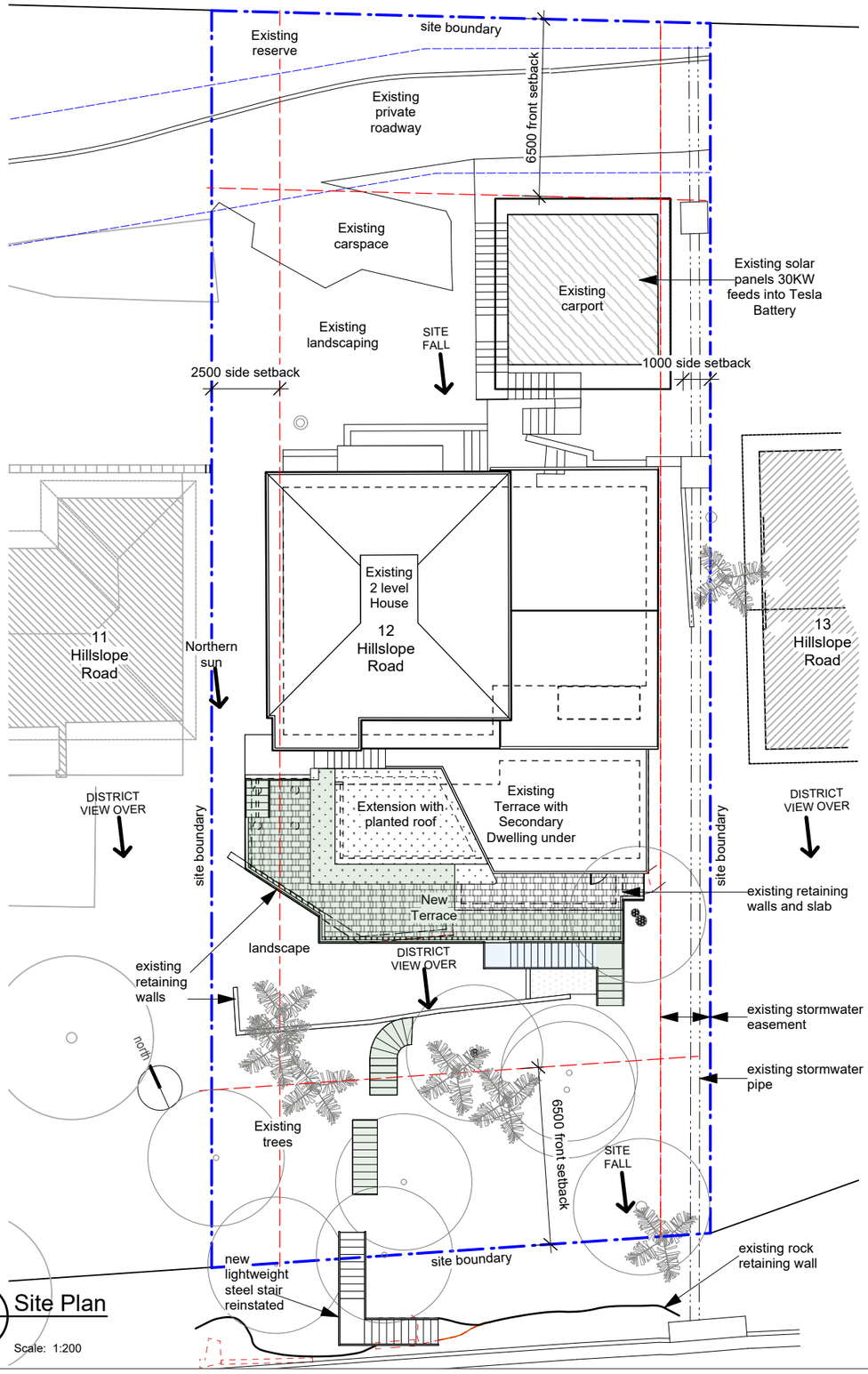
Site Area	827 sqm	
Private Open Space	House- upper terrace 46.7sqm Proposed Sec.dwelling- 44sqm	Complies
Front Building Line	6.5m To New deck- 11.3m	Complies
Side Building Line	1m, 2.5m Existing - 2.5m,2.3m Proposed Sec. Dwelling- 4.5m	Complies
Rear Building Line	6.5m Existing to garage 6.5m	No change
Building envelope	3.5m , 45 deg	Complies

Landscaped Area

Existing hard surface	335 sqm	
New hard surface	48 sqm	No OSD required
Proposed new hard surface	384 sqm	
Existing LA	444sqm	
New LA	12sqm	
Proposed landscape area	456sqm	
Impervious area	50 sqm	
Total LA	505sqm (61%)	Complies

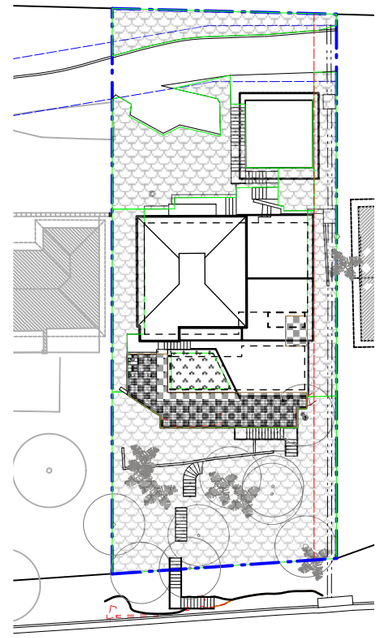
Floor Area

Ground level Existing	128 sqm	
Upper level Existing	68 sqm	
Existing Studio	18 sqm	
TOTAL existing floor area	214sqm	
Existing house	128+68= 196sqm	Complies (secon.dwellling <25% of dwelling area= 53sqm, or 60sqm)
New area secondary dwelling	21 sqm	
Area secondary dwelling	23+21 new= 44 sqm	
TOTAL new Floor area	240 sqm	



1 - Site Plan

Scale: 1:200



Site area - 827sqm

Landscaped area 444sqm

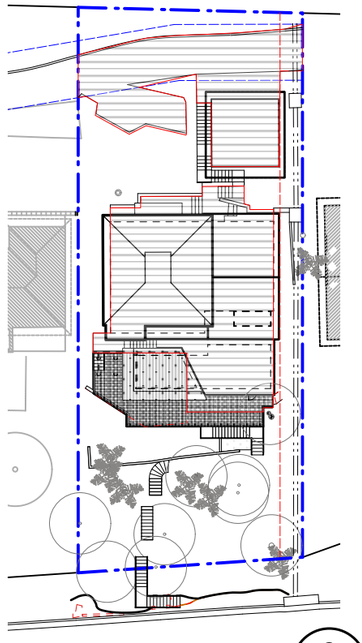
New planted roof 12sqm

Impervious area 6% 50sqm

TOTAL Landscaped area= 505 sqm (61%)

3 - Landscaped Area

Scale: 1:500



Hard surface Existing 335 sqm

Hard Surface New 48 sqm

2 - Hard surface

Scale: 1:500

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New stairs to comply with AS stair construction Parts 3.9.1 and 3.9.2

Materials

- New Timber framed post/floor/wall structure
- New concrete
- New Glazing
- New Brickwork
- New steelwork

Site and Site Analysis Plan **DA01**

Drawing:

No.	Issue	Date
a	Mod DA-WC location, cupboard	14-07-25
	Development Application	07-09-23

Alterations and Additions for

Jana and Michael Kapr

12 Hillslope Road Newport NSW

Development Application

Date : 14-07-25 Drawn: BH Scale: 1:100 UNO. A3

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Stormwater Notes

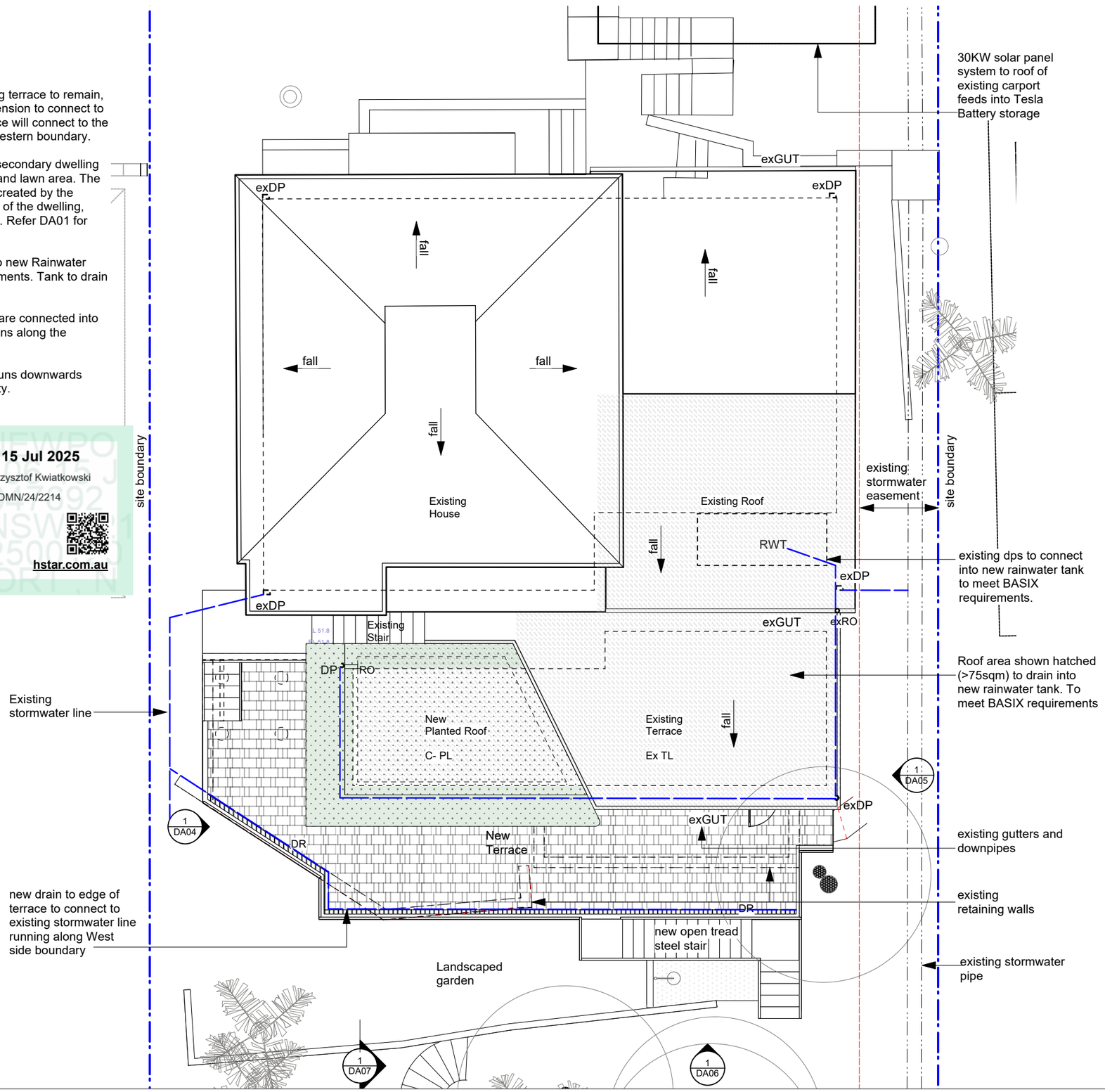
Existing gutter location to the existing terrace to remain, with new downpipes for the roof extension to connect to the existing. New drains to the terrace will connect to the existing stormwater line along the Western boundary.

The extension and new roof for the secondary dwelling is over an existing concrete terrace and lawn area. The additional hard surface of 48sqm is created by the extended deck to the West and front of the dwelling, which is over existing retaining walls. Refer DA01 for areas.

Existing downpipes are to connect to new Rainwater tank, 2000L, to meet BASIX commitments. Tank to drain into existing stormwater system.

The existing stormwater downpipes are connected into the existing stormwater line which runs along the Eastern stormwater easement.

The existing stormwater easement runs downwards along the Eastern side of the property.



Legend

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COS	Confirm dimension on site.
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DP	Downpipe.
EX	Existing.
exGLB	Existing Glazed Balustrade.
FFL	Finished floor level.
GUT	Gutter- colorbond to future detail.
PB	Plasterboard. Internal wall linings generally 13mm.
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S2	Steel stair. Steel with mono stringer with precast concrete treads.
WD	Window and doors
FFL 53.59	New Finished Floor Level
RL 53.59	Existing Level
	Demolished wall
	Bulkhead or eave over
	New internal timber stud wall
	New external insulated timber and steel frame wall with steel cladding
	Existing internal brick wall.
	Existing external rendered brick wall with added insulation and external colorbond standing seam cladding.
WD 1	Window/door 1 Refer BASIX

Notes
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New stairs to comply with AS stair construction Parts 3.9.1 and 3.9.2

Materials

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- New concrete
- New Glazing
- New Brickwork
- New steelwork

Roof and Stormwater Plan

DA02

Drawing:

No.	Issue	Date
a	Mod DA-WC location, cupboard	14-07-25
	Development Application	07-09-23

Alterations and Additions for

Jana and Michael Kapr

12 Hillslope Road Newport NSW

Development Application

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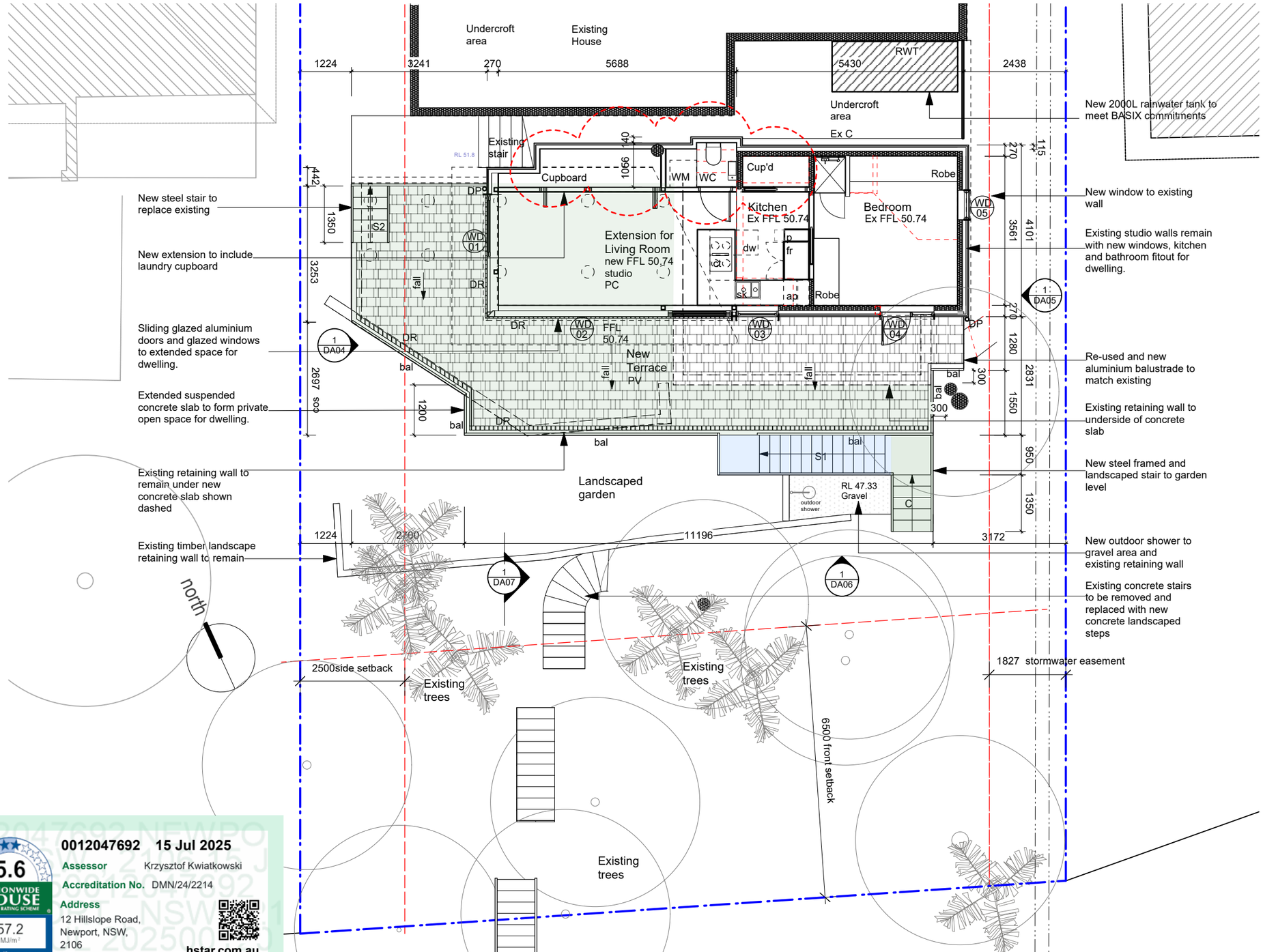

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PB	Plasterboard. Internal wall linings generally 13mm.
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SB	Steel beam. To future detail.
S1	Steel stair- Dual steel stringer with precast concrete treads.
S2	Steel stair. Steel with mono stringer with precast concrete treads.
WD	Window and doors
FFL 53.59	New Finished Floor Level
RL 53.59	Existing Level
	Demolished wall
	Bulkhead or eave over
	New internal timber stud wall
	New external insulated timber and steel frame wall with steel cladding
	Existing internal brick wall.
	Existing external rendered brick wall with added insulation and external colorbond standing seam cladding.
WD 1	Window/door 1 Refer BASIX

0012047692 NEWPORT NSW 2106
5.6 NATIONWIDE HOUSE ENERGY RATING SCHEME 57.2 MJ/m² www.nathers.gov.au
0012047692 15 Jul 2025
Assessor Krzysztof Kwiatkowski
Accreditation No. DMN/24/2214
Address 12 Hillslope Road, Newport, NSW, 2106
hstar.com.au

Notes
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New stairs to comply with AS stair construction Parts 3.9.1 and 3.9.2

Materials
- New Timber framed post/floor/wall structure
- New concrete
- New Glazing
- New Brickwork
- New steelwork

Secondary dwelling plan **DA03a**
Drawing:

No.	Issue	Date
a	Mod DA-WC location, cupboard	14-07-25
	Development Application	07-09-23

Alterations and Additions for
Jana and Michael Kapr
12 Hillslope Road Newport NSW
Development Application
Date : 14-07-25 Drawn: BH Scale: 1:100 UNO. A3

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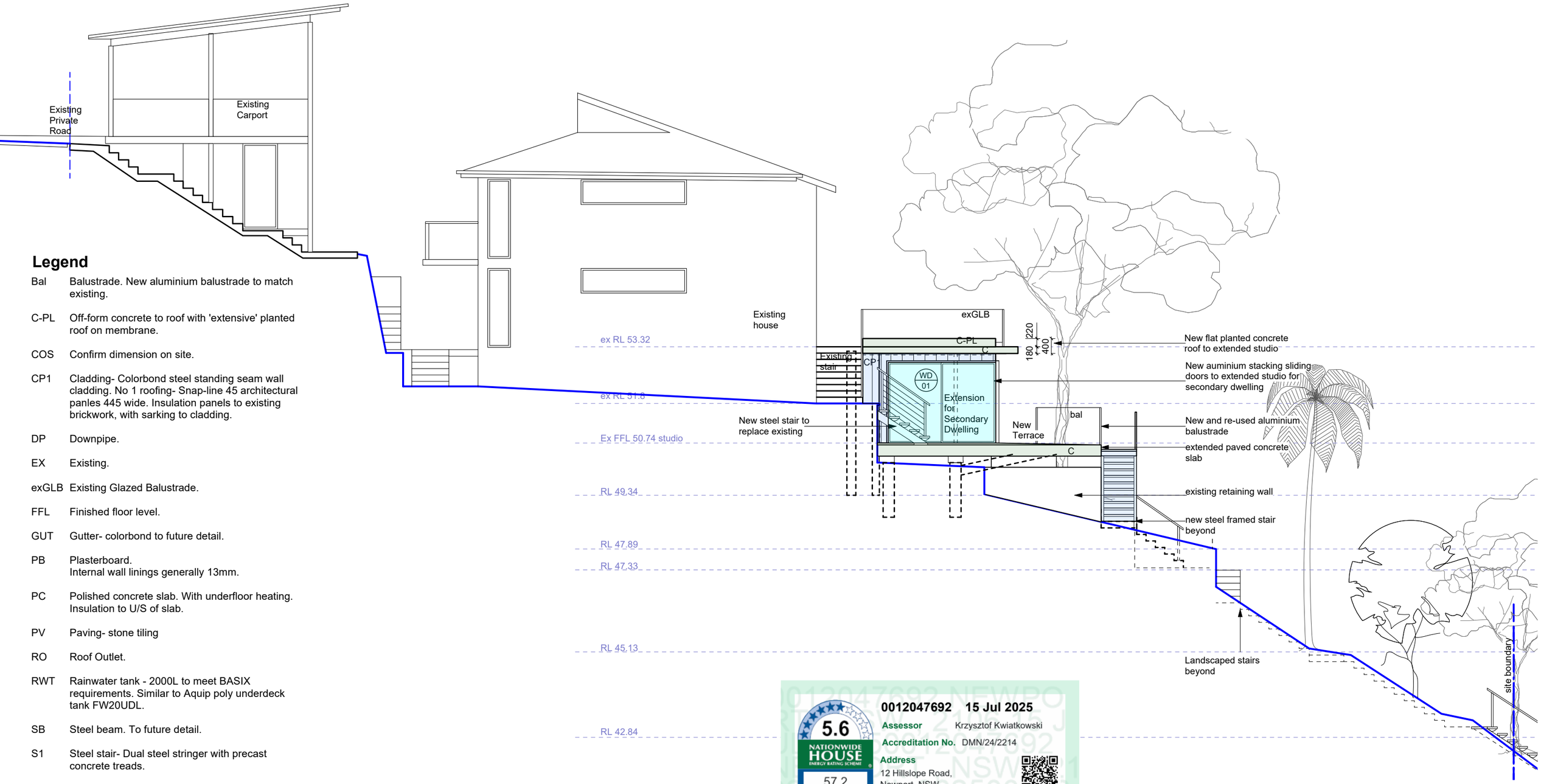

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WD	Window and doors

5.6 NATIONWIDE HOUSE ENERGY RATING SCHEME 57.2 MJ/m² www.nathers.gov.au

0012047692 15 Jul 2025

Assessor Krzysztof Kwiatkowski

Accreditation No. DMN/24/2214

Address 12 Hillslope Road, Newport, NSW, 2106

hstar.com.au

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New stairs to comply with AS stair construction Parts 3.9.1 and 3.9.2

Materials

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- New concrete
- New Glazing
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Elevations 1- West Elevation **DA04**

Drawing:

No.	Issue	Date
a	Mod DA-WC location, cupboard	14-07-25
	Development Application	07-09-23

Alterations and Additions for
Jana and Michael Kapr

12 Hillslope Road Newport NSW

Development Application

Date : 14-07-25 Drawn: BH Scale: 1:100 UNO. A3

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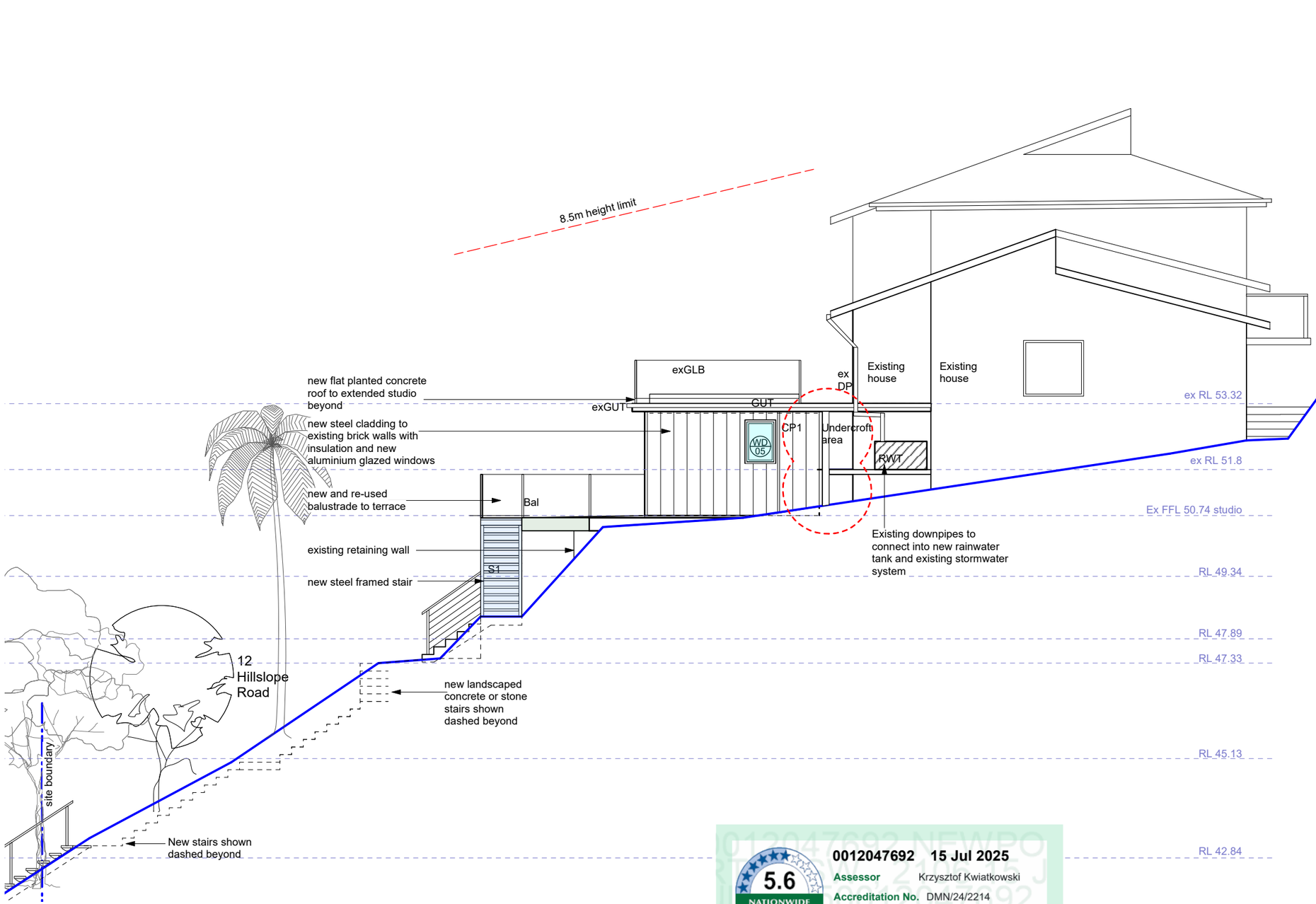

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S2	Steel stair. Steel with mono stringer with precast concrete treads.
WD	Window and doors

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New stairs to comply with AS stair construction Parts 3.9.1 and 3.9.2

Materials
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- New Brickwork
- New steelwork

Elevations 2- Eastern Elevation **DA05a**

Drawing:

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a	Mod DA-WC location, cupboard	14-07-25
	Development Application	07-09-23

Alterations and Additions for
Jana and Michael Kapr

12 Hillslope Road Newport NSW

Development Application

Date : 14-07-25 Drawn: BH Scale: 1:100 UNO. A3

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July 2025 BSA Reference: 19780

Building Sustainability Assessments Ph: (02) 4962 3439
enquiries@buildingsustainability.net.au www. buildingsustainability.net.au

Important Note

The following specification was used to achieve the thermal performance values indicated on the Assessor Certificate. If the proposed construction varies to those detailed below than the Assessor and NatHERS certificates will no longer be valid. Assessments assume that the BCA provisions for building sealing & ventilation are complied with at construction.

In NSW both BASIX & the BCA variations must be complied with, in particular the following:
- Thermal construction in accordance with Vol 1 Section J1.2 or Vol 2 Part 3.12.1.1
- Thermal breaks for Class 1 dwellings in accordance with Part 3.12.1.2(c) & 3.12.1.4(d)
- Floor insulation for Class 1 dwellings as per Part 3.12.1.5(a)(ii), (iii) & (e) or (c), (d) & (e)
- Building sealing in accordance with Section J3 or Part 3.12.3.1 to 3.12.3.6.

Thermal Performance Specifications (does not apply to garage)

External Wall Construction		*Added Insulation*
Reverse Brick Veneer & Lightweight		R2.5
Internal Wall Construction		*Added Insulation*
Plasterboard on studs		None
Ceiling Construction		*Added Insulation*
Concrete		None
Roof Construction	*Colour (Solar Absorptance)*	*Added Insulation*
Waterproofing Membrane	Medium SA 0.50	R3.5
Floor Construction	*Covering*	*Added Insulation*
Concrete	As drawn (if not noted default values used)	R0.9

Windows	*Glass and frame type*	*U value*	*SHGC Range*	*Area sq m*
Performance glazing Type A		*4.90*	*0.30 - 0.36*	As drawn
Performance glazing Type B		*4.90*	*0.30 - 0.36*	As drawn

Type A windows are awning windows, bifolds, casements, tilt 'n 'turn' windows, entry doors, french doors
Type B windows are double hung windows, sliding windows & doors, fixed windows, stacker doors, louvres

Skylights	*Glass and frame type*	*U*	*SHGC*	*Area sq m*	*Detail*

U and SHGC values are according to AFRC. Alternate products may be used if the U value is lower & the SHGC is within the range specified

Shade elements *(eaves, verandahs, awnings etc)*

All shade elements modelled as drawn

Ceiling Penetrations *(downlights, exhaust fans, flues etc)*

Modelled as drawn and/or to comply with the ventilation and sealing requirements of the BCA

Ducting is modelled at 150mm. No insulation losses from downlighting have been modelled.

Additional Notes

n/a

0012047692 15 Jul 2025

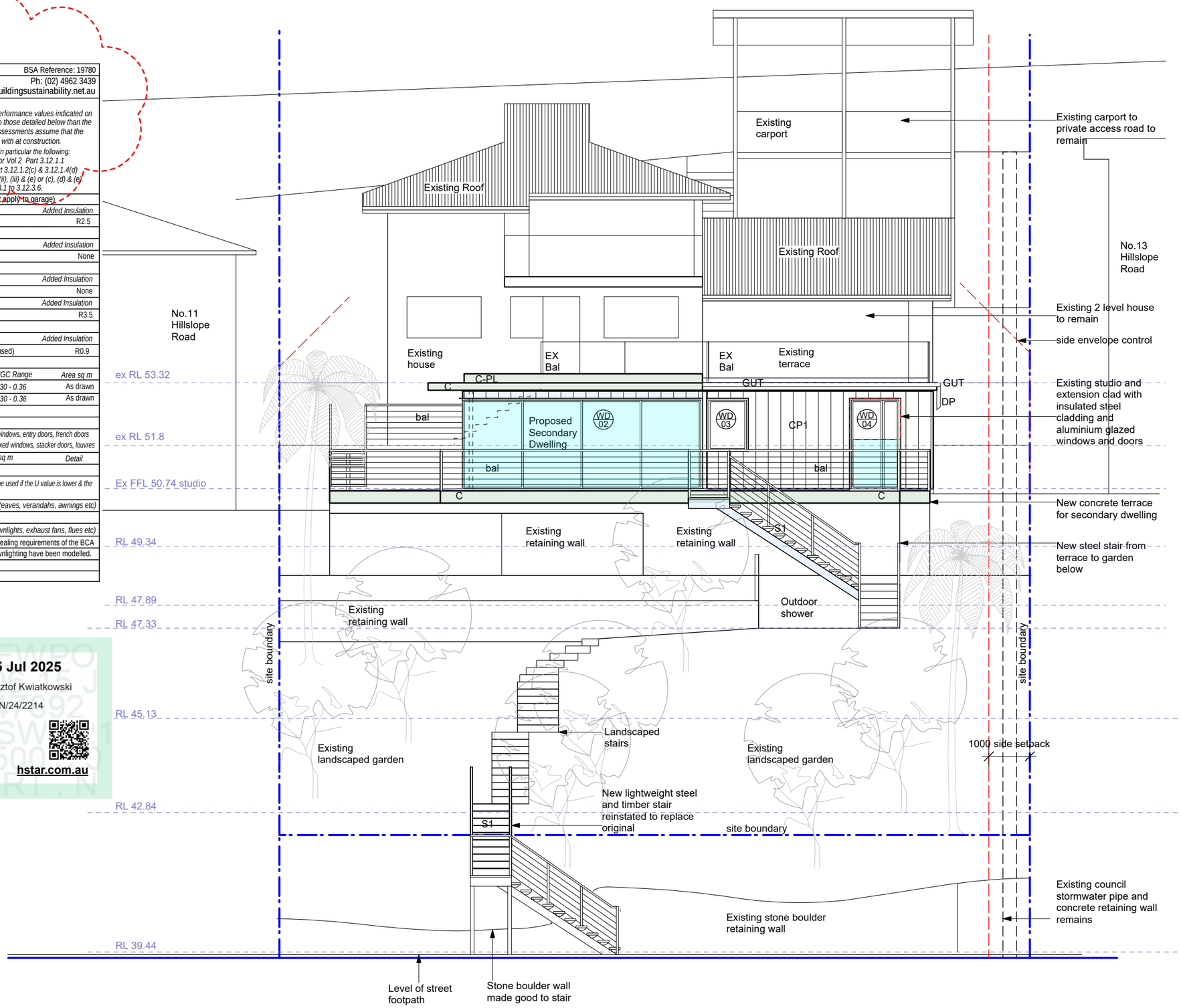
Assessor Krzysztof Kwiatkowski

Accreditation No. DMN/24/2214

Address 12 Hillslope Road, Newport, NSW, 2106

hstar.com.au

NATIONWIDE HOUSE ENERGY RATING SCHEME 5.6 — 57.2 MJ/m² — www.nathers.gov.au



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New stairs to comply with AS stair construction Parts 3.9.1 and 3.9.2

Materials

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- New Glazing
- New Brickwork
- New steelwork

Elevations 3- South Street Elevation DA06a

Drawing:

No.	Issue	Date
a	Mod DA-WC location, cupboard	14-07-25
	Development Application	07-09-23

Alterations and Additions for

Jana and Michael Kapr

12 Hillslope Road Newport NSW

Development Application

Date : 14-07-25 Drawn: BH Scale: 1:100 UNO. A3

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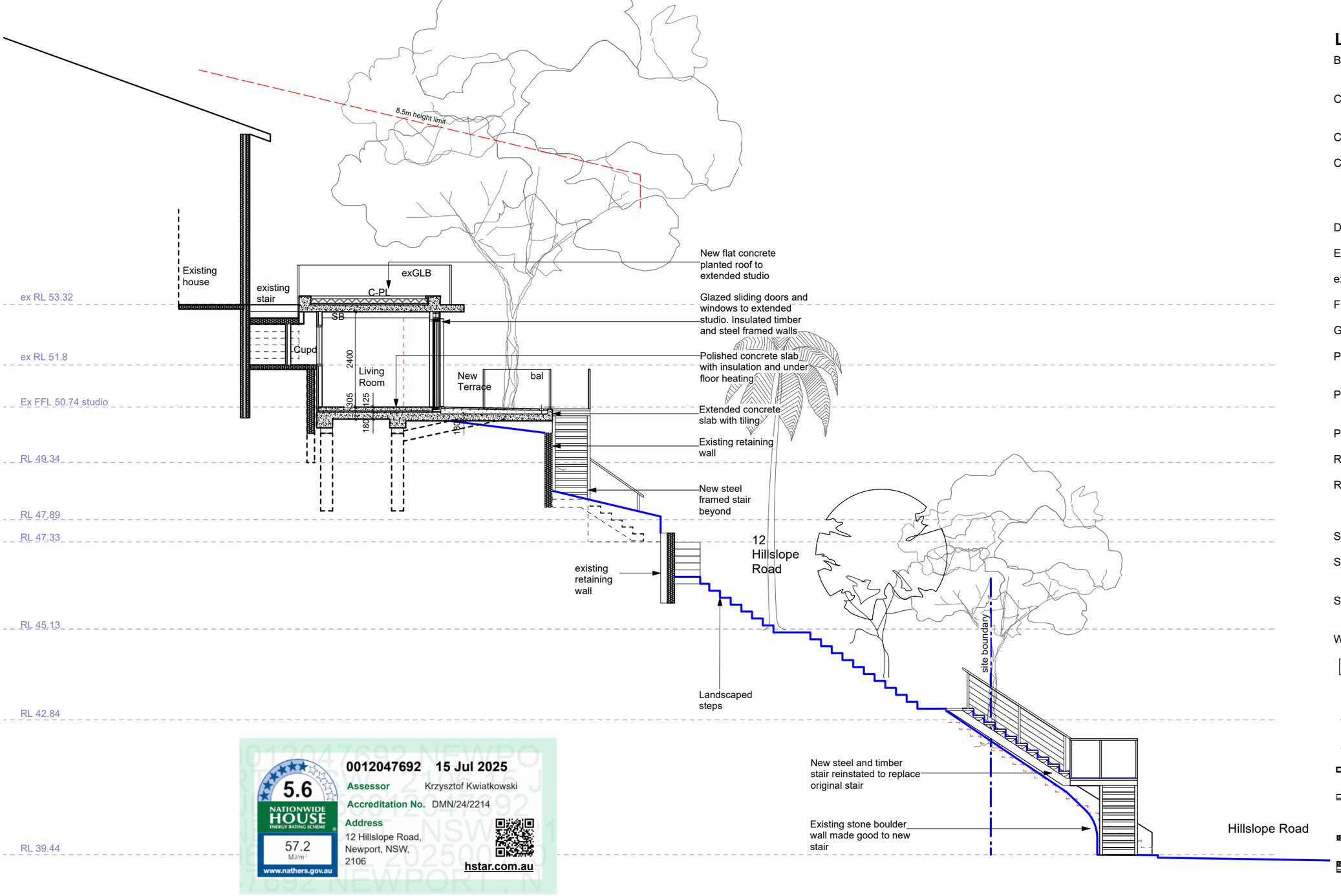

0012047692 15 Jul 2025
Assessor Krzysztof Kwiatkowski
Accreditation No. DMN/24/2214
Address 12 Hillslope Road, Newport, NSW, 2106
5.6 NATIONWIDE HOUSE ENERGY RATING SCHEME 57.2 MJ/m² www.nathers.gov.au
hstar.com.au

Legend

Bal	Balustrade. New aluminium balustrade to match existing.
C-PL	Off-form concrete to roof with 'extensive' planted roof on membrane.
COS	Confirm dimension on site.
CP1	Cladding- Colorbond steel standing seam wall cladding. No 1 roofing- Snap-line 45 architectural panles 445 wide. Insulation panels to existing brickwork, with sarking to cladding.
DP	Downpipe.
EX	Existing.
exGLB	Existing Glazed Balustrade.
FFL	Finished floor level.
GUT	Gutter- colorbond to future detail.
PB	Plasterboard. Internal wall linings generally 13mm.
PC	Polished concrete slab. With underfloor heating. Insulation to U/S of slab.
PV	Paving- stone tiling
RO	Roof Outlet.
RWT	Rainwater tank - 2000L to meet BASIX requirements. Similar to Aquip poly underdeck tank FW20UDL.
SB	Steel beam. To future detail.
S1	Steel stair- Dual steel stringer with precast concrete treads.
S2	Steel stair. Steel with mono stringer with precast concrete treads.
WD	Window and doors
FFL 53.59	New Finished Floor Level
RL 53.59	Existing Level
	Demolished wall
	Bulkhead or eave over
	New internal timber stud wall
	New external insulated timber and steel frame wall with steel cladding
	Existing internal brick wall.
	Existing external rendered brick wall with added insulation and external colorbond standing seam cladding.
WD 1	Window/door 1 Refer BASIX

Notes
All work to conform to current Building Code of Australia and NSW supplement and all current relevant AS codes.
All dimensions are in millimetres and figured dimensions take precedence over scaling.
Builder to verify all dimensions on site and seek instructions prior to proceeding if any discrepancies are found.
Footings and slabs to comply with current AS 2870 and accordance with accompanying structural engineering drawings.
Light and ventilation to comply with part F4 of the Building Code of Australia.
All wall framing to comply with current AS 1684 light timber framing code and relevant supplements.

Provide insulation to all wall cavities in external walls to BASIX requirements.
Smoke alarms to be installed in accordance with Australian building code and local fire regulations.
All positions of GPO's and switches to be confirmed on site prior to installation.
All positions of light fittings to be confirmed on site prior to installation.
Provide all windows, doors, glazing, shading devices, fixtures and fittings to comply with BASIX requirements.

New stairs to comply with AS stair construction Parts 3.9.1 and 3.9.2

Materials
- New Timber framed post/floor/wall structure
- New concrete
- New Glazing
- New Brickwork
- New steelwork

Section **DA07**

Drawing:

No.	Issue	Date
a	Mod DA-WC location, cupboard	14-07-25
	Development Application	07-09-23

Alterations and Additions for
Jana and Michael Kapr

12 Hillslope Road Newport NSW

Development Application

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BASIX™ Certificate

Building Sustainability Index
www.planningportal.nsw.gov.au/development-and-assessment/basix

Single Dwelling

Certificate number: 1403977S_03

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 set out 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.planningportal.nsw.gov.au/definitions

This certificate is a revision of certificate number 1403977S lodged with the consent authority or certifier on 03 November 2023 with application DA2023/1431.

It is the responsibility of the applicant to verify with the consent authority that the original, or any revised certificate, complies with the requirements of Schedule 1 Clause 2A, 4A or 6A of the Environment Planning and Assessment Regulation 2000

Project summary	
Project name	12 Hillslope Road_03
Street address	12 HILLSLOPE ROAD NEWPORT 2106
Local Government Area	Northern Beaches Council
Plan type and plan number	Deposited Plan 238659
Lot no.	2
Section no.	-
Project type	separate dwelling house - secondary dwelling
No. of bedrooms	1

Project score		
Water	✔ 40	Target 40
Thermal Performance	✔ Pass	Target Pass
Energy	✔ 99	Target 50
Materials	✔ -1	Target n/a

Description of project

Project address	
Project name	12 Hillslope Road_03
Street address	12 HILLSLOPE ROAD NEWPORT 2106
Local Government Area	Northern Beaches Council
Plan type and plan number	Deposited Plan 238659
Lot no.	2
Section no.	-
Project type	
Project type	separate dwelling house - secondary dwelling
No. of bedrooms	1
Site details	
Site area (m²)	827
Roof area (m²)	21
Conditioned floor area (m²)	44.0
Unconditioned floor area (m²)	0.0
Total area of garden and lawn (m²)	446
Roof area of the existing dwelling (m²)	221
Number of bedrooms in the existing dwelling	3

Assessor details and thermal loads		
NatHERS assessor number	DMN/24/2214	
NatHERS certificate number	0012047692	
Climate zone	56	
Area adjusted cooling load (MJ/m².year)	25	
Area adjusted heating load (MJ/m².year)	33	
Ceiling fan in at least one bedroom	No	
Ceiling fan in at least one living room or other conditioned area	No	
Project score		
Water	✔ 40	Target 40
Thermal Performance	✔ Pass	Target Pass
Energy	✔ 99	Target 50
Materials	✔ -1	Target n/a

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 complied with.

Water Commitments	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
Landscape			
The applicant must plant indigenous or low water use species of vegetation throughout 446 square metres of the site.	✔	✔	
Fixtures			
The applicant must install showerheads with a minimum rating of 4 star (> 4.5 but <= 6 L/min plus spray force and/or coverage tests) in all showers in the development.		✔	✔
The applicant must install a toilet flushing system with a minimum rating of 6 star in each toilet in the development.		✔	✔
The applicant must install taps with a minimum rating of 6 star in the kitchen in the development.		✔	
The applicant must install basin taps with a minimum rating of 6 star in each bathroom in the development.		✔	
Alternative water			
Rainwater tank			
The applicant must install a rainwater tank of at least 2000 litres on the site. This rainwater tank must meet, and be installed in accordance with, the requirements of all applicable regulatory authorities.	✔	✔	✔
The applicant must configure the rainwater tank to collect rain runoff from at least 75 square metres of the roof area of the development (excluding the area of the roof which drains to any stormwater tank or private dam).		✔	✔
The applicant must connect the rainwater tank to:			
• all toilets in the development		✔	✔
• at least one outdoor tap in the development (Note: NSW Health does not recommend that rainwater be used for human consumption in areas with potable water supply.)		✔	✔

Thermal Comfort Commitments	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
Simulation Method			
Assessor details and thermal loads			
The applicant must attach the certificate referred to under "Assessor Details" on the front page of this BASIX certificate (the "Assessor Certificate") to the development application and construction certificate application for the proposed development (or, if the applicant is applying for a complying development certificate for the proposed development, to that application). The applicant must also attach the Assessor Certificate to the application for an occupation certificate for the proposed development.			
The Assessor Certificate must have been issued by an Accredited Assessor in accordance with the Thermal Comfort Protocol.			
The details of the proposed development on the Assessor Certificate must be consistent with the details shown in this BASIX certificate, including the Cooling and Heating loads shown on the front page of this certificate.			
The applicant must show on the plans accompanying the development application for the proposed development, all matters which the Assessor Certificate requires to be shown on those plans. Those plans must bear a stamp of endorsement from the Accredited Assessor to certify that this is the case. The applicant must show on the plans accompanying the application for a construction certificate (or complying development certificate, if applicable), all thermal performance specifications set out in the Assessor Certificate, and all aspects of the proposed development which were used to calculate those specifications.	✔	✔	✔
The applicant must construct the development in accordance with all thermal performance specifications set out in the Assessor Certificate, and in accordance with those aspects of the development application or application for a complying development certificate which were used to calculate those specifications.		✔	✔

Thermal Comfort Commitments	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
Construction			
Where there is an in-slab heating or cooling system, the applicant must install insulation with an R-value of not less than 1.0 around the vertical edges of the perimeter of the slab, and underneath the slab if it is a suspended floor.	✔	✔	✔
The applicant must construct the floors and walls of the dwelling in accordance with the specifications listed in the table below.	✔	✔	✔

Floor and wall construction	Area
floor - concrete slab on ground	All or part of floor area square metres

Energy Commitments	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
Hot water			
The applicant must install the following hot water system in the development, or a system with a higher energy rating: electric heat pump with a performance of more than 45 STCs.	✔	✔	✔
Cooling system			
The living areas must not incorporate any cooling system, or any ducting which is designed to accommodate a cooling system.		✔	✔
The bedrooms must not incorporate any cooling system, or any ducting which is designed to accommodate a cooling system.		✔	✔
Heating system			
The living areas must not incorporate any heating system, or any ducting which is designed to accommodate a heating system.		✔	✔
The bedrooms must not incorporate any heating system, or any ducting which is designed to accommodate a heating system.		✔	✔
Ventilation			
The applicant must install the following exhaust systems in the development:			
At least 1 Bathroom: individual fan, ducted to façade or roof; Operation control: manual on / timer off		✔	✔
Kitchen: individual fan, ducted to façade or roof; Operation control: manual switch on/off		✔	✔
Laundry: individual fan, ducted to façade or roof; Operation control: manual on / timer off		✔	✔
Artificial lighting			
The applicant must ensure that the "primary type of artificial lighting" is fluorescent or light emitting diode (LED) lighting in each of the following rooms, and where the word "dedicated" appears, the fittings for those lights must only be capable of accepting fluorescent or light emitting diode (LED) lamps:			
• at least 1 of the bedrooms / study; dedicated		✔	✔

Energy Commitments	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
• at least 1 of the living / dining rooms; dedicated		✔	✔
• the kitchen;		✔	✔
• all bathrooms/toilets;		✔	✔
• the laundry;		✔	✔
• all hallways;		✔	✔
Alternative energy			
The applicant must install a photovoltaic system with the capacity to generate at least 30 peak kilowatts of electricity as part of the development. The applicant must connect this system to the development's electrical system.	✔	✔	✔
Other			
The applicant must install an induction cooktop & electric oven in the kitchen of the dwelling.		✔	
The applicant must construct each refrigerator space in the development so that it is "well ventilated", as defined in the BASIX definitions.		✔	
The applicant must install a fixed outdoor clothes drying line as part of the development.		✔	

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BASIX

DA08a

Drawing:

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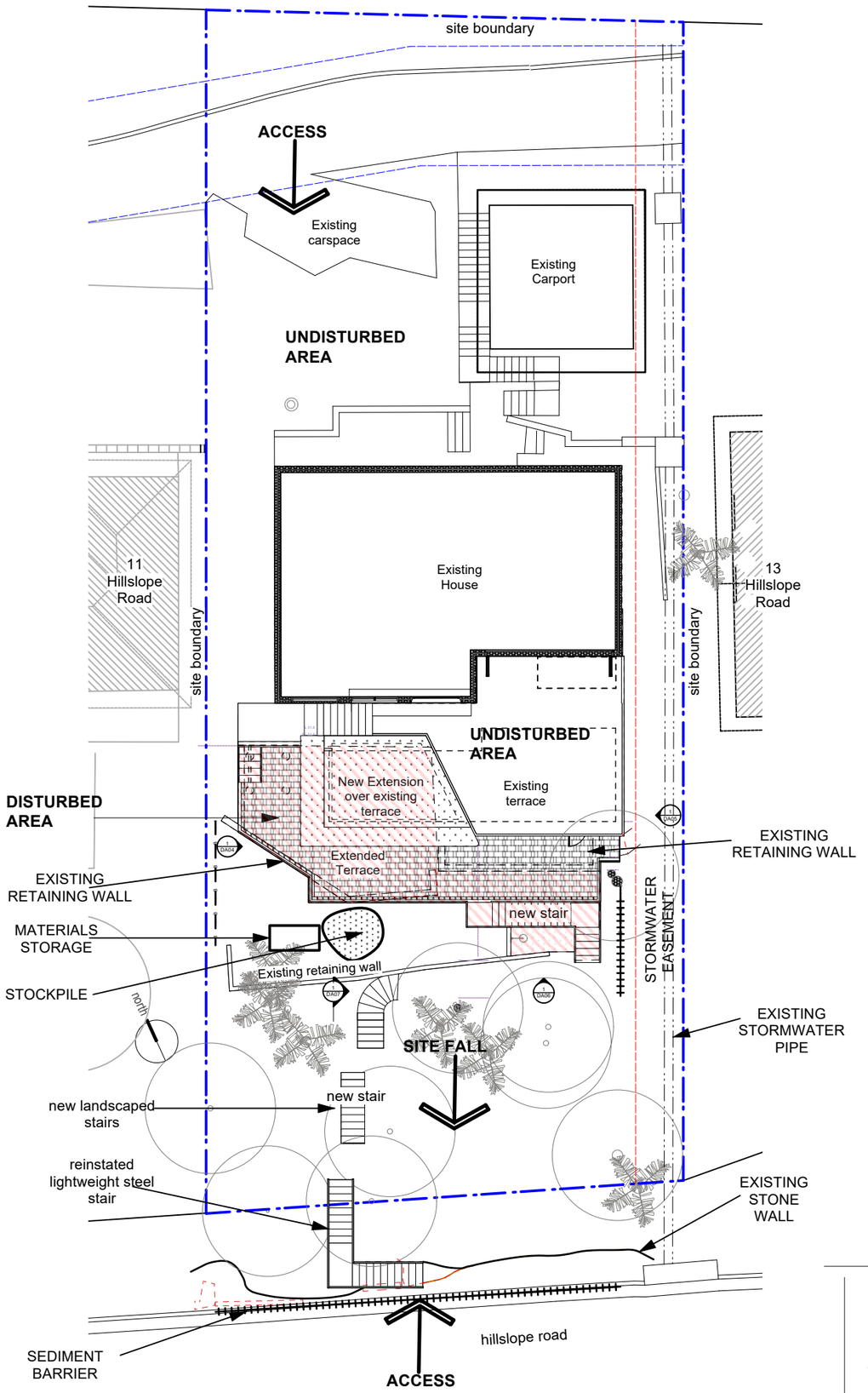


LEGEND

Disturbed area

Sediment fence

Stockpile

SEDIMENT CONTROL

1. Install sediment control structures in locations indicated on plans and otherwise required to control sediment during all excavations and whilst areas of the site are exposed to erosion.

2. Control structures to be detailed or as otherwise required by certifying authority. Sediment fences, and other control structures as shown on this drawing or their equivalent.

3. Review control measures and maintain structures daily by the site manager.

4. If additional measures are required for erosion control or by council requirements refer to 'Urban erosion and sediment control' guidelines prepared by the Department of Conservation and Land management.

5. No vehicle crossing or stockpiling of materials on vegetation buffers.

6. All Sediment structures to be cleaned on reaching 50% storage capacity.

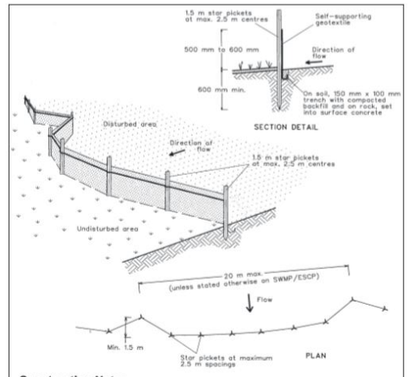
7. All existing vegetation will be retained outside the construction site.

8. Clean sediments from footpaths, driveways and roads daily.

9. Cover or wet down to prevent dust spread.

10. Topsoil will be respread and all disturbed areas will be stabilised as soon as practicable after the completion of the works.

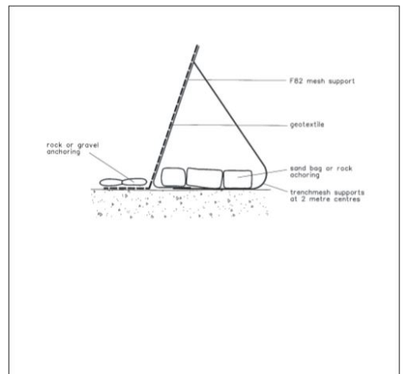
11. Approved bins for building waste, concrete and mortar slurries, paints washings and litter will be provided wholly within the site and arrangements made for regular collection and disposal.



Construction Notes

1. Construct sediment fences as close as possible to being parallel to the contours of the site, but with small returns as shown in the drawing to limit the catchment area of any one section. The catchment area should be small enough to limit water flow if concentrated at one point to 50 litres per second in the design storm event, usually the 10-year event.
2. Cut a 150-mm deep trench along the upslope line of the fence for the bottom of the fabric to be entrenched.
3. Drive 1.5 metre long star pickets into ground at 2.5 metre intervals (max) at the downslope edge of the trench. Ensure any star pickets are fitted with safety caps.
4. Fix self-supporting geotextile to the upslope side of the posts ensuring it goes to the base of the trench. Fix the geotextile with wire ties or as recommended by the manufacturer. Only use geotextile specifically produced for sediment fencing. The use of shade cloth for this purpose is not satisfactory.
5. Join sections of fabric at a support post with a 150-mm overlap.
6. Backfill the trench over the base of the fabric and compact it thoroughly over the geotextile.

SEDIMENT FENCE SD 6-8



Construction Notes

1. Install this type of sediment fence when use of support posts is not desirable or not possible. Such conditions might apply, for example, where approval is granted from the appropriate authorities to place these fences in highly sensitive estuarine areas.
2. Use bent trench mesh to support the F82 welded mesh facing as shown on the drawing above. Attach the geotextile to the welded mesh facing using UV resistant cable ties.
3. Stabilise the whole structure with sandbag or rock anchoring over the trench mesh and the leading edge of the geotextile. The anchoring should be sufficiently large to ensure stability of the structure in the design storm event, usually the 10 year event.

ALTERNATIVE SEDIMENT FENCE SD 6-9

Erosion and Sediment Control Plan **DA09**

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