

ACTION PLANS

m: 0426 957 518 e: operations@actionplans.com.au w: www.actionplans.com.au

DEVELOPEMENT APPLICATION

SHEET NUMBER	SHEET NAME	DATE PUBLISHED
DA00	COVER	17-Jul-19
DA01	SITE ANALYSIS	17-Jul-19
DA02	SITE / ROOF / SEDIMENT EROSION / WASTE MANA	17-Jul-19
DA03	EXISTING GROUND FLOOR PLAN	17-Jul-19
DA04	PROPOSED GROUND FLOOR PLAN	17-Jul-19
DA05	FIRST FLOOR PLAN	17-Jul-19
DA06	NORTH / EAST ELEVATION	17-Jul-19
DA07	SOUTH / WEST ELEVATION	17-Jul-19
DA08	LONG / CROSS SECTION	17-Jul-19
DA09	AREA CALCULATIONS / SAMPLE BOARD	17-Jul-19
DA10	WINTER SOLSTICE 9 AM	17-Jul-19
DA11	WINTER SOLSTICE 12 PM	17-Jul-19
DA12	WINTER SOLSTICE 3 PM	17-Jul-19
DA13	BASIX COMMITMENTS	17-Jul-19

ITEM DETAILS	DEVELOPMENT APPLICATION									
ADDRESS	5 MULAWA PLACE, FRENCHS FOREST NSW 2086									
LOT & DP/SP	LOT 6 DP 224872									
COUNCIL	NORTHERN BEACHS COUNCIL (WARRINGAH)									
SITE AREA	695.553m ²									
FRONTAGE	6.945m									
CONTROLS	PERMISSIBLE / REQUIRED	EXISTING m / m ² / %	PROPOSED m/m²/%	COMPLIANCE						
LEP		1117111-770	111 / 111- / 70							
LAND ZONING	R2 – LOW DENSITY RESIDENTIAL	R2	R2	YES						
MINIMUM LOT SIZE	600m ²	695.553m ²	UNCHANGED	YES						
FLOOR SPACE RATIO	NOT IDENTIFIED	N/A	N/A	N/A						
MAXIMUM BUILDING HEIGHT	8.5m	8.4m	UNCHANGED	YES						
HAZARDS	0.JIII	0.4111	UNCHANGED	163						
ACID SULFATE SOILS	NOT IDENTIFIED	N/A	N/A	N/A						
FLOOD PLANNING	NOT IDENTIFIED	N/A	N/A N/A	N/A N/A						
		IN/A	IWA	IWA						
DEVELOPMENT ON SLOPING LAND	LAND SLIP AREA B – FLANKING SLOPES 5° TO 25°	N/A	N/A	YES						
COASTAL HAZARDS	NOT IDENTIFIED	N/A	N/A	N/A						
HIGH/MED/LOW FLOOD RISK PRECINCT	NOT IDENTIFIED	N/A	N/A	N/A						
NATIVE VEGETATION	IDENTIFIED	N/A	N/A	YES						
WILDLIFRE CORRIDORS	IDENTIFIED	N/A	N/A	YES						
WATERWAYS AND RIPARIAN LAND	IDENTIFIED	N/A	N/A	YES						
THREATEND HIGH CONSERVATION HABITAT	IDENTIFIED	N/A	N/A	YES						
LAND ADJOINING PUBLIC OPEN SPACE	NOT IDENTIFIED	N/A	N/A	N/A						
DCP										
WALL HEIGHT	7.2m	6.1m	UNCHANGED	YES						
NUMBER OF STOREYS	NOT IDENTIFIED	N/A	N/A	N/A						
SIDE BOUNDARY ENVELOPE	4m @ 45°	N/A	UNCHANGED	YES						
SIDE BOUNDARY SETBACKS	0.9m	N: 2.480m S:0.150m	UNCHANGED	YES NO						
FRONT BOUNDARY SETBACK	6.5m	9.84m	UNCHANGED	YES						
REAR BOUNDARY SETBACK	6.0m	8.1m	UNCHANGED	YES						
LANDSCAPE OPEN SPACE	40% (278.22m ²)	278.86m ²	UNCHANGED	YES						
PRIVATE OPEN SPACE	60m ²	120m ²	UNCHANGED	YES						



- EARTHWORKS - PART 3.1.1 OF NCC - EARTH RETAINING STRUCTURES - PART 3.1.2 OF NCC - DRAINAGE - PART 3.1.3 OF NCC - TERMITE-RISK MANAGEMENT - PART 3.1.4 OF NCC - MASONRY - PART 3.3 OF NCC INCLUDING AS3700 - FRAMING - PART 3.4 OF NCC - SUB FLOOR VENTILATION - PART 3.4.1 OF NCC - GLAZING - PART 3.6 OF NCC INCLUDING AS1288 - FIRE SAFETY - PART 3.7 OF NCC - FIRE SEPERATION - PART 3.7.2 OF NCC - SMOKE ALARMS - PART 3.7.5 OF NCC - ROOM HEIGHTS - PART 3.8.2 OF NCC - FACILITIES - PART 3.8.3 OF NCC - LIGHT - PART 3.8.4 OF NCC - VENTILATION - PART 3.8.5 OF NCC - SOUND INSULATION - PART 3.8.6 OF NCC - BARRIERS AND HANDRAILS - PART 3.9.2 OF NCC - SWIMMING POOLS - PART 3.10.1 OF NCC - FENCING & OTHER PROVISIONS - REGS & AS1926 - SITE CLASSIFICATION AS TO AS 2870 - ALL CONCRETE WORK TO COMPLY WITH AS 3600 - ALL SKYLIGHTS TO COMPLY WITH WITH AS 4285-2007 - ALL CONSTRUCTION TO COMPLY TO AS3959- 2009

- FOOTINGS & SLAB - PART 3.2 OF NCC INCLUDING AS2870 - ROOF CLADDING AND WALL-CLADDING - PART 3.5 OF NCC

- FIRE PROTECTION OF SEPERATING WALLS AND FLOORS- PART 3.7.3 OF NCC - WET AREAS AND EXTERNAL WATERPROOFING - PART 3.8.1 OF NCC - STAIRWAYAND RAMP CONSTRUCTION - PART 3.9.1 OF NCC - CONSTRUCTION IN BUSHFIRE PRONE AREAS - PART 3,10.5 OF NCC - DEMOLITION WORKS - AS2601-1991 THE DEMOLITION OF STRUCTURES. - ALL WATERPROOF MEMBRANES TO COMPLY WITH WITH AS 3740-2010 - ALL PLUMBING & DRAINAGE WORK TO COMPLY WITH AS 3500 - ALL PLASTERBOARD WORK TO COMPLY WITH AS 2588-1998 - ALL STRUCTURAL STEEL WORK TO COMPLY WITH AS 4100 & AS 1554 - ALL ROOF SHEETING WORK TO COMPLY WITH AS 1562-1992 - ALL CERAMIC TILING TO COMPLY WITH AS 3958.1-2007 & 3958.2-1992 - ALL GLAZING ASSEMBLIES TO COMPLY WITH AS2047 & 1288 - ALL TIMBER RETAINING WALLS ARE TO COMPLY WITH AS 1720.1-2010, AS 1720.2-2006, AS 1720.4-2006, AS 1170.1-1989 & AS 1170.4-2007 - ALL RETAINING WALLS ARE TO COMPLY WITH 3700 - 2011 & AS 3600 -2009

5 MULAWA PLACE, FRENCHS FOREST NSW 2086

LOCATION VIEW

NCC & AS COMPLIANCES SPECIFICATIONS









SITE ANALYSIS 1:200

1



DRAWING NAME SITE ANALYSIS



Wednesday, July 17,





DUST CONTROL ·

TO REDUCE DUST GENERATED BY WIND ACTION, THE REMOVAL OF THE TOP SOIL IS TO BE MINIMISED. TO PREVENT DUST GENERATION, WATERING DOWN OF THE SITE, ESPECIALLY DURING THE MOVEMENT OF MACHINERY IS REQUIRED. WHERE EXCAVATING INTO ROCK. KEEP THE SURFACE MOIST TO MINIMISE DUST. CONSTRUCT A GRAVEL ENTRY/EXIT POINT USING BLUE METAL AND RESTRICT ALL VEHICLE MOVEMENTS WITHIN THE SITE TO A MINIMUM. ENSURE WIND BREAKS, SUCH AS EXISTING FENCES ARE MAINTAINED DURING THE CONSTRUCTION PHASE UNTIL NEW LANDSCAPING IS PROVIDED OR REINSTATED. PREVENT DUST BY COVERING STOCKPILES

SEDIMENT NOTE :

1. ALL EROSION AND SEDIMENT CONTROL MEASURES TO BE INSPECTED AND MAINTAINED DAILY BY THE SITE MANAGER.

2. MINIMISE DISTURBED AREAS, REMOVE EXCESS SOIL FROM EXCAVATEDAREA AS SOON AS POSSIBLE. 3. ALL MATERIAL STOCKPILE TO BE CLEAR FROM DRAINS, GUTTERS AND FOOTPATHS, OR WITHIN SEDIMENT FENCE AREA.

4. DRAINAGE TO BE CONNECTED TO STORMWATER AS SOON AS POSSIBLE. IF STORED ON SITE, IT MUST BE FILTERED BEFORE RELEASING INTO STORMWATER SYSTEM OR WATERWAYS.

5. ROADS AND FOOTPATHS TO BE SWEPT DAILY.

STOCKPILES :

ALL STOCKPILES ARE TO BE KEPT ON-SITE WHERE POSSIBLE. ANY MATERIALS PLACED ON THE FOOTPATHS OR NATURE STRIPS REQUIRE COUNCIL'S PERMISSION.

ALL STOCKPILES ARE TO BE PLACED AWAY FROM THE DRAINAGE LINES AND STREET GUTTERS. IT IS BEST TO LOCATE THESE ON THE HIGHEST PART OF THE SITE IF POSSIBLE. PLACE WATERPROOF COVERING OVER STOCKPILES.

IF REQUIRED PROVIDE DIVERSION DRAIN & BANK AROUND STOCKPILES.

GUTTER PROTECTION :

PROVIDE PROTECTION TO DOWNHILL GRATE IN GUTTER BY MEANS OF SAND BAGS OR BLUE METAL WRAPPED IN GEOTEXTILE FABRIC. WHEN SOIL OR SAND BUILDS UP AROUND THIS SEDIMENT BARRIER. THE MATERIAL SHOULD BE RELOCATED BACK TO THE SITE FOR DISPOSAL.



DRAWING NAME

SITE / ROOF / SEDIMENT **EROSION / WASTE** MANAGEMENT / STORMWATER CONCEPT PLAN



Wednesday, July 17,

SCALE

1:200 @A3





REV. DATE COMMENTS DRWN NOTES DRAWING NO. LEGEND CLIENT This drawing is the copyright of Action Plans and not be altered, reproduced or transmitted in any form or by any means in part or in whole with the written permission of **ACTION PLANS** DA DOCUMENTATION AP А 17/07/2019 CONCRETE NEW FLOOR AREA Stephen & Dearne **DA06** Action Plans. Do not scale measure from drawings. Figured dimension BRICKWORK NEW WET FLOOR AREA Cameron The Builder/Contractor shall check and verify all levels and dimensions on site prior to commencement of any work, creation of shop drawings, or fabrication of components. All errors and omissions are to be verified by the Builder/Contractor and referred to the designer prior to the commencement of works. METAL ROOFING METAL m: 0426 957 518 PROJECT ADDRESS DATE TILED ROOFING EXISTING e:operations@actionplans.com.au 5 Mulawa Pl. Frenchs Wednesday, July 17, w: www.actionplans.com.au TIMBER – – – DEMOLISHED Forest NSW 2086 2019

commencement of works.

1:100

DRAWING NAME NORTH / EAST ELEVATION



mmencement of works.

1:100 @A3



ACTION PLAN
m: 0426 957 518 e:operations@actionplans.co w: www.actionplans.com.au

					- This drawing is the copyright of Action Plans and not be		· · · · · · · · · · · · · · · · · · ·	
ACTION PLANS	A	17/07/2019	DA DOCUMENTATION	AP	altered, reproduced or transmitted in any form or by any		Stephen & Dearne	D 4 0 0
ACTION 1 LANO					 means in part or in whole with the written permission of Action Plans. Do not scale measure from drawings. Figured dimensions 	LANDSCAPED AREA	Cameron	DA09
m: 0426 957 518					are to be used only. The Builder/Contractor shall check and verify all levels and		PROJECT ADDRESS	DATE
e:operations@actionplans.com.au w: www.actionplans.com.au					dimensions on site prior to commencement of any work, creation of shop drawings, or fabrication of components. All errors and omissions are to be verified by the	PRIVATE OPEN SPACE	5 Mulawa PI, Frenchs Forest NSW 2086	Wednesday, J 2019
					Builder/Contractor and referred to the designer prior to the commencement of works.		Folest NSW 2000	2019



ALUMINIUN FRAMED WINDOWS **BY STEGBAR**



TILED ROOF & GABLE TO MATCH EXISTING

DRAWING NO.

DRAWING NAME

AREA CALCULATIONS / SAMPLE BOARD



Wednesday, July 17,

1:200 @A3

SCALE





(1)

REV.	DATE	COMMENTS	DRWN	NOTES This drawing is the copyright of Action Plans and not be	LEGEN	0	CLIENT	DRAWING NO.
A	17/07/2019	DA DOCUMENTATION	AP	altered, reproduced or transmitted in any form or by any means in part or in whole with the written permission of			Stephen & Dearne	DA10
				Action Plans. Do not scale measure from drawings. Figured dimensions		EXISTING SHADOWS	Cameron	DATU
				are to be used only. The Builder/Contractor shall check and verify all levels and dimensions on site prior to commencement of any work, creation of shop drawings, or fabrication of components. All errors and omissions are to be verified by the Builder/Contractor and referred to the designer prior to the commencement of works.		PROPOSED SHADOWS	PROJECT ADDRESS 5 Mulawa Pl, Frenchs Forest NSW 2086	DATE Wednesday, July 17, 2019



WINTER SOLSTICE 9AM

1:200

DRAWING NAME WINTER SOLSTICE 9 AM





(1)

WINTER SOLSTICE 12PM

		REV.	DATE	COMMENTS	NOTES This drawing is the copyright of Action Plans and not be	LEGEN	ND .	CLIENT
	ACTION PLANS	A	17/07/2019	DA DOCUMENTATION	altered, reproduced or transmitted in any form or by any means in part or in whole with the written permission of			Stephen & Dearne
					Action Plans. Do not scale measure from drawings. Figured dimensions		EXISTING SHADOWS	Cameron
	m: 0426 957 518				are to be used only. The Builder/Contractor shall check and verify all levels and			PROJECT ADDRESS
e:operations@actionplans.com w: www.actionplans.com.au	e:operations@actionplans.com.au w: www.actionplans.com.au				dimensions on site prior to commencement of any work, creation of shop drawings, or fabrication of components.		PROPOSED SHADOWS	5 Mulawa Pl, Frenchs
					All errors and omissions are to be verified by the Builder/Contractor and referred to the designer prior to the			Forest NSW 2086

commencement of works.

1:200

DRAWING NO. DA11

DATE

DRAWING NAME WINTER SOLSTICE 12 PM



Wednesday, July 17, 2019



		REV.	DATE	COMMENTS		NOTES This drawing is the copyright of Action Plans and not be	LEGEN	ND	CLIENT
	ACTION PLANS	A	17/07/2019	DA DOCUMENTATION	AP	altered, reproduced or transmitted in any form or by any means in part or in whole with the written permission of			Stephen & Dearne
						Action Plans. Do not scale measure from drawings. Figured dimensions		EXISTING SHADOWS	Cameron
	m: 0426 957 518					are to be used only. The Builder/Contractor shall check and verify all levels and			PROJECT ADDRESS
┼└──┾━━	e:operations@actionplans.com.au w: www.actionplans.com.au					dimensions on site prior to commencement of any work, creation of shop drawings, or fabrication of components.		PROPOSED SHADOWS	5 Mulawa Pl, Frenchs
	F					All errors and omissions are to be verified by the Builder/Contractor and referred to the designer prior to the			Forest NSW 2086

commencement of works.

WINTER SOLSTICE 3PM

1:200

DRAWING NO.

DATE

DRAWING NAME WINTER SOLSTICE 3 PM



Wednesday, July 17, 2019

BASIX[°]Certificate

Building Sustainability Index www.basix.nsw.gov.au

Alterations and Additions

Certificate number: A294058_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 set out below. Terms used in this certificate, or in the commitments, have the meaning given by the document entitled "BASIX Alterations and Additions Definitions" dated 06/10/2017 published by the Department. This document is available at www basix new one au available at www.basix.nsw.gov.au

Secretary Date of issue: Wednesday, 17, July 2019 To be valid, this certificate must be lodged within 3 months of the date of issue.

	Planning & Environment
--	---------------------------

Project name	5 MULAWA PLACE, FRENCHS FOREST 2086_
Street address	5 Mulawa Place Frenchs Forest 2086
Local Government Area	Warringah Council
Plan type and number	Deposited Plan 224872
Lot number	6
Section number	
Project type	
Dwelling type	Attached dwelling house
Type of alteration and addition	My renovation work is valued at \$50,000 or more and does not include a pool (and/or spa).

Certificate Prepared by (please complete before submitting to Council or PCA)

Name / Company Name: Action Plans

ABN (if applicable): 17118297587

page 1 / 4

BASIX Certificate number: A294058_02

Glazing requirements								Show on CC/CDC Plans & specs	Certifier Check
Windows an	d glazed do	ors							
					ading devices, in accordance with each window and glazed door.	the specifications listed in the table below.	~	~	~
The following	requirements	must also	be satisfie	ed in relation	to each window and glazed door:			\checkmark	\checkmark
Each window or glazed door with standard aluminium or timber frames and single clear or toned glass may either match the description, or, have a U-value and a Solar Heat Gain Coefficient (SHGC) no greater than that listed in the table below. Total system U-values and SHGCs must be calculated in accordance with National Fenestration Rating Council (NFRC) conditions.								~	~
For projections described in millimetres, the leading edge of each eave, pergola, verandah, balcony or awning must be no more than 500 mm above the head of the window or glazed door and no more than 2400 mm above the sill.							\checkmark	\checkmark	\checkmark
Pergolas with	polycarbonate	roof or si	milar trans	slucent mate	rial must have a shading coefficien	t of less than 0.35.		~	\checkmark
					window or glazed door above which no must not be more than 50 mm.	ch they are situated, unless the pergola also		\checkmark	\checkmark
Windows a	nd glazed o	doors g	lazing re	equiremer	its				
Window / doo no.	r Orientation	Area of glass inc. frame (m2)	Oversha Height (m)	dowing Distance (m)	Shading device	Frame and glass type			
W1	W	2.46	0	0	eave/verandah/pergola/balcony >=450 mm	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)			
W2	w	1.179	0	0	eave/verandah/pergola/balcony >=450 mm	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)			

Planning & Environment

BASIX Certificate number: A294058_02

Construction	Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check			
Insulation requirements				•		
The applicant must construct the new or altered the table below, except that a) additional insulat is not required for parts of altered construction w	~	~	~			
Construction	ction Additional insulation required (R-value) Other specifications					
raked ceiling, pitched/skillion roof: framed						

Õ

BASIX Certificate number: A294058_02

Legend
In these commitments, "applicant" means the person carrying out the development.
Commitments identified with a " " in the "Show on DA plans" column must be shown on the plans development application is to be lodged for the proposed development).
Commitments identified with a "," in the "Show on CC/CDC plans & specs" column must be shown certificate / complying development certificate for the proposed development.
Commitments identified with a " " in the "Certifier check" column must be certified by a certifying a development may be issued.

		REV.	DATE	COMMENTS	DRW	I NOTES This drawing is the copyright of Action Plans and not be	LEGEND	CLIENT	DRAWIN
	ACTION PLANS	A	17/07/2019	DA DOCUMENTATION	AP	This drawing is the copying to Action Plans and hot be altered, reproduced or transmitted in any form or by any means in part or in whole with the written permission of Action Plans. Do not scale measure from drawings. Figured dimensions are to be used only. The Builder/Contractor shall check and verify all levels and dimensions on site prior to commencement of any work, creation of shop drawings, or fabrication of components. All errors and omissions are to be verified by the Builder/Contractor and referred to the designer prior to the		Stephen & Dearne	DA1
	m: 0426 957 518 e:operations@actionplans.com.au w: www.actionplans.com.au							Cameron	DAT
								PROJECT ADDRESS 5 Mulawa PI, Frenchs Forest NSW 2086	DATE Wedneso 2019
		L		1		commencement of works.			

page 2 / 4

page 3/4

Building Sustainability Index www.basix.nsw.gov.au

page 4 / 4

accompanying the development application for the proposed development (if a wn in the plans and specifications accompanying the application for a construction authority as having been fulfilled, before a final occupation certificate for the

VING NO. 13

DRAWING NAME BASIX COMMITMENTS

SCALE 1:1.51 @A3