6.9

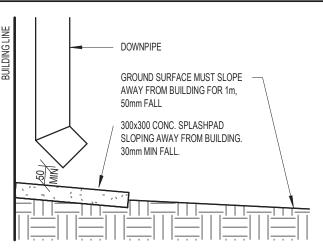
STARS

This rating completed by a non-accredited rater.

Certificate no.: 0002463792 Assessor Name: Ben Milbourne Certificate date: 14 Feb 2018

Dwelling Address: Peak Circuit Cosgrove, QLD 4818





DOWNPIPE DISCHARGE N.T.S.

Development Approval

THE BUILDING IS TO BE GRADED AT 1:20 AWAY FROM THE BUILDING FOR A MINIMUM OF 1000mm AND THEN 1:200 TO THE LEGAL POINT OF DISCHARGE. DOWNPIPES AND TAP OUTLETS SHALL BE PROVIDED WITH A CONCRETE SPLASH PAD TO AVOID POINT AND EXCESSIVE WETTING OF THE SOIL ADJACENT TO THE STRUCTURE. AIR-CONDITIONING CONDENSATE OUTLETS, TOILET OVERFLOW PIPES AND HOT WATER SYSTEM PRESSURE RELIEF OUTLETS ARE ALSO POTENTIAL WATER PROVIDING SOURCES THAT THE CONTRACTOR SHALL ENSURE DOES NOT CAUSE EXCESSIVE WETTING OF THE SOIL ADJACENT TO THE STRUCTURE. - TREES, GARDEN BEDS AND LANDSCAPING MUST BE KEPT WELL AWAY FROM THE BUILDING. RECOMMENDED MINIMUM CLEARANCE DISTANCE IS THE HEIGHT OF THE MATURE TREE AND 1.5 TIMES THE HEIGHT OF THE MATURE TREE FOR A GROUP OF TREES. THE BUILDER/CONTRACTOR/BUILDING CERTIFIER SHALL INSTRUCT THE OWNER OF THEIR RESPONSIBILITY FOR MAINTENANCE OF THE AREA AROUND THE BUILDING IN ACCORDANCE WITH CSIRO SHEET No. 10-91 AND QBCC GUIDELINE "A SIMPLE HOW TO GUIDE FOR PREVENTING STRUCTURAL DAMAGE TO YOUR HOME

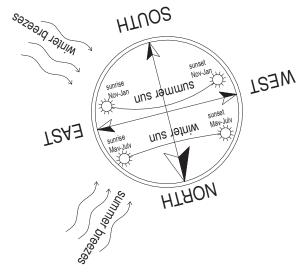
SITE DRAINAGE & STORMWATER

- THE EARTHWORKS ADJACENT TO

SCOPE OF BUILDING WORKS APPROVED The scope of building works approved by this development permit is limited to the single

detached dwelling. Any other buildings and/or structures shown, detailed or otherwise referenced on the approved plans have not been assessed for compliance and are not approved for construction by this development permit.

> Finished Floor Level shall be a minimum of 225mm above Finished Ground Level



12100 16000 **BOUNDARY** BOUNDARY. 284° 14' 15" MIN BOUNDARY SETBACK LINES 15.20 FS 13.76 FS BUILDING SETOUT LINES SETOUT SETOUT PIPE ALL ROOF STORMWATER RUN OFF TO K&C PEBBLES 94° 14' 15" PROPOSED NEW 32000 4 RESIDENCE DOUBLE GATE HATCH DENOTES APPROX. SETOUT SFTOUT. SINGLE GATE GARAGE WALL 14.89 FS 13.63 FS EXPOSED AGG DRIVEWAY 5000 TO BUILDER'S SPEC. 2m DEEP APPROX. APPROX. SEWER LOCATION \times WM 16000 **BOUNDARY** 104° 14' 15"` BOUNDARY 4800 HATCH DENOTES APPROX. DRIVEWAY AREA ALLOWABLE DRIVEWAY ACCESS **PEAK CIRCUIT** BOUNDARY 00075 SETOUT 1200 | BOUNDA 12100

SITE PLAN 1:200 AT A3 SHEET SIZE

BUILDING FOOTPRINT

218.40sqm SITE COVERAGE

42.65%

STORM WATER RUN OFF TO

NEIGHBORING ALLOTMENTS

BE DRAINED AWAY FROM

NOTE:

FOR CONSTRUCTION

THIS DRAWING IS ONLY INTENDED TO OBTAIN A LOCAL AUTHORITY BUILDING PERMIT.

COMPLY WITH ALL RELEVANT AUTHORITY REG. & B.S.A. FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALED MEASUREMENTS - DO NOT SCALE DRAWING. VERIFY ALL ON SITE DIMENSIONS & LEVELS PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION.

PROJECT ISSUE & DESCRIPTION

A - ENGINEER CERTIFIED - 15/02/2018

NOTES:





Licence No. 1072298

46 Hugh Ryan Drive, Garbutt QLD 4814 PO Box 4257, Vincent QLD 4814 Tel: (07) 4779 4199

PROJECT: NEW RESIDENCE

CLIENT: PARKSIDE CONSTRUCTION

LOT 241 PEAK CIRCUIT COSGROVE, TOWNSVILLE



Maximum and Maximum Ma				
DATE:	8/05/201	8 9:00:58 AM	JOB NO.	
DRAWN:	IC 18-0		18-006	
SCALE:	As indicated		10-000	
SHEET No.	1	CLIENT JOB NO.	2544	

LOT

SP

AREA

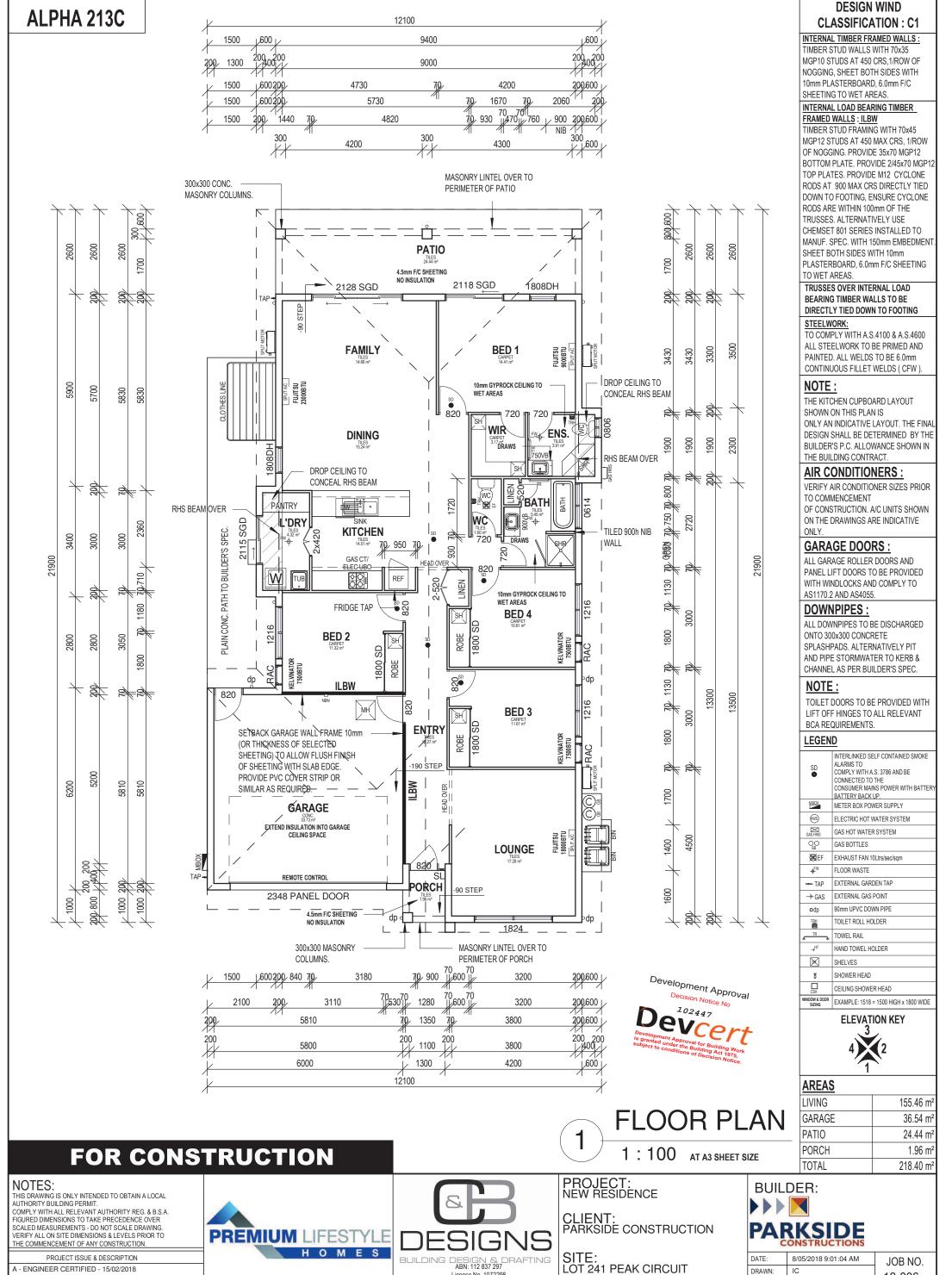
PROPERTY

DESCRIPTION

241

302851

512 m²



BUILDING DESIGN & DRAFTING ABN: 112 837 297

Licence No. 1072298

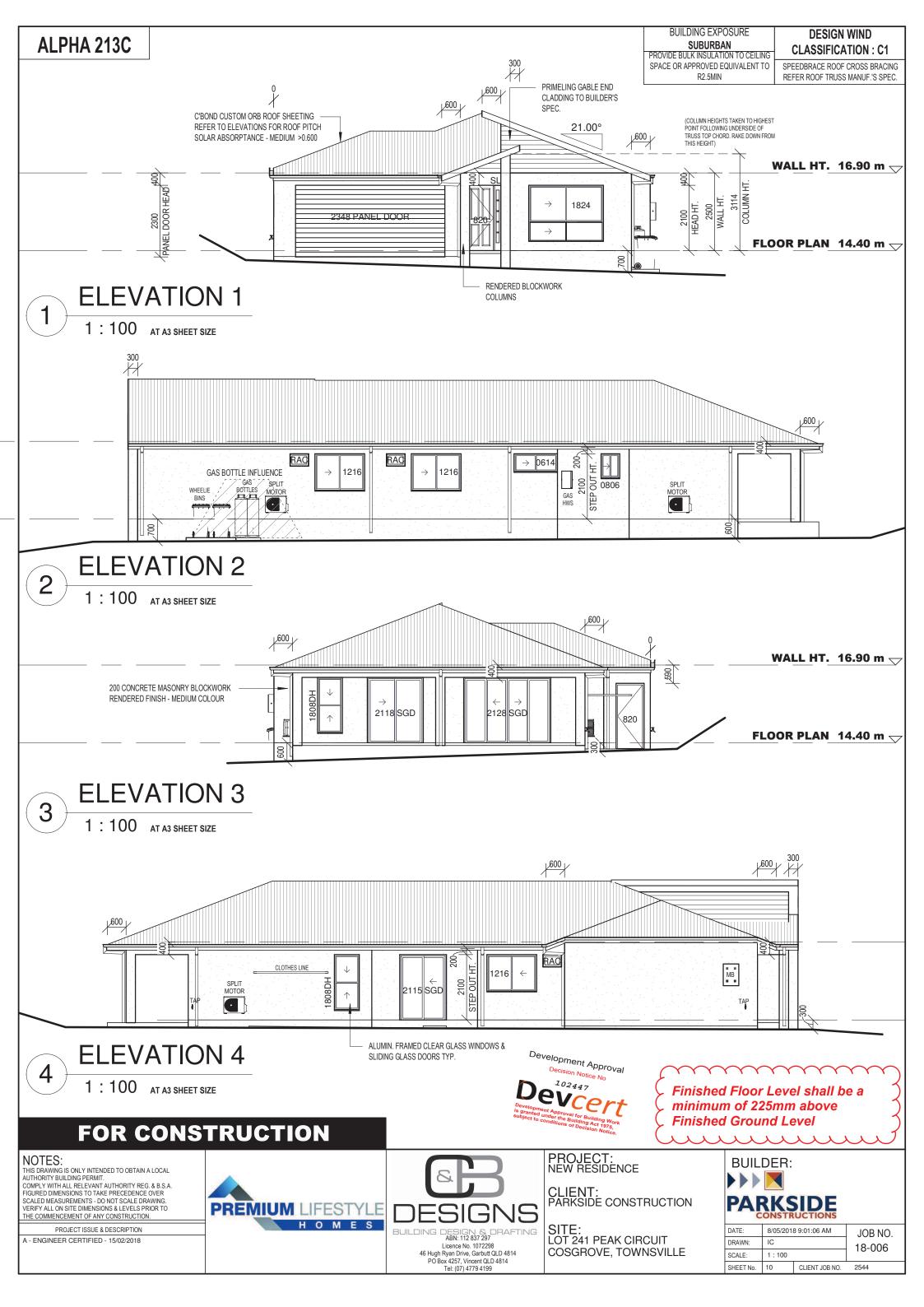
46 Hugh Ryan Drive, Garbutt QLD 4814 PO Box 4257, Vincent QLD 4814 Tel: (07) 4779 4199

COSGROVE, TOWNSVILLE

PROJECT ISSUE & DESCRIPTION

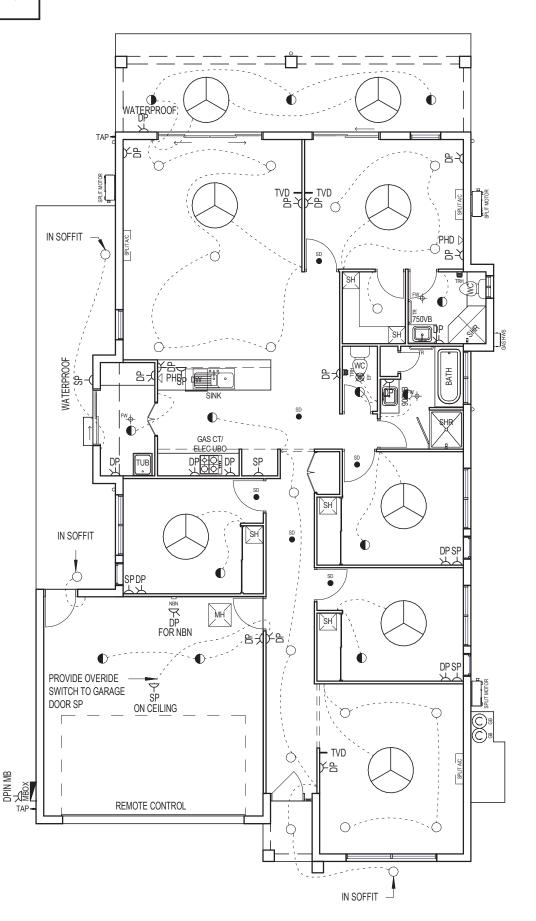
A - ENGINEER CERTIFIED - 15/02/2018

8/05/2018 9:01:04 AM DATE JOB NO. DRAWN 18-006 SCALE: SHEET No. CLIENT JOB NO. 2544



ELECTE	QTY	
0	DOWNLIGHT LED	20
•	ROUND SURFACE MOUNTED LED	13
PHD ▷	PHONE & DATA	2
TVD —	TELEVISION & DATA	3
欠 DP	DOUBLE GPO	22
Y SP	SINGLE GPO	7
>	DOUBLE FLOOD LIGHT	0
\bigcirc	1200 CEILING FAN & CONTROL	8
EF 🎘	EXHAUST FAN	1
•	BUNKER LIGHT	0
SD •	SMOKE DETECTOR	6

NO VENTILATED RECESSED LIGHTS TO BE USED (SEALED **UNITS ONLY)**



SUSTAINABLE BUILDING REQUIREMENTS

SHOWER ROSES:

TO BE AAA RATED WHEN ASSESSED AGAINST AS/NZ 6400:2004 or A 3 STAR RAFTING UNDER WATER EFFICIENCY LABELING SCHEME (WELS)

TAP WARE:

3-STAR WELS RATED TAPWARE TO KITCHEN SINKS, BATHROOM, BASINS & LAUNDRY TROUGHS.

WATER SUPPLY:

IF THE MAIN WATER PRESSURE EXCEEDS or COULD EXCEED 500Kpa, A WATER PRESSURE LIMITING DEVICE IS INSTALLED TO ENSURE THAT THE MAX. OPERATING PRESSURE AT THE OUTLET WITHIN THE BOUNDARIES OF THE PROPERTY DOES NOT EXCEED 500 Kpa.

TOILET CISTERNS HAVE DUAL FLUSH CAPABILITY TO 4 STAR WELS RATED

ENERGY EFFICIENT (E.E.) LIGHTING:

GARAGE, BEDROOMS & WET AREAS.

FLUORESCENT LIGHTS OR COMPACT FLUORESCENT LIGHTS (CFLs) ARE USED IN 80% OF THE TOTAL AMOUNT OF LIGHT FITTINGS. SUGGESTED MIN REQUIREMENTS: PROVIDE E.E. LIGHTING AS MAIN LIGHTING TO

HOT WATER SUPPLY:

HOT WATER SUPPLY IS TO BE PROVIDED BY:

- (a) HEAT PUMP or SOLAR HOT WATER SYSTEM THAT IS ELIGIBLE TO RECEIVE:
- (i) IN A BUILDING WITH 3 or MORE BEDROOMS, AT LEAST 22 RENEWABLE ENERGY CERTIFICATES (REC)
- (ii) IN A BUILDING WITH 1 or 2 BEDROOMS. AT LEAST 14 REC.

(b) A GAS HOT WATER SYSTEM WITH A FIVE STAR RATING.

INSTALLATION OF CEILING FANS AND LOCATION/NUMBER OF CEILING PENETRATIONS IS ESSENTIAL TO ENSURE COMPLIANCE WITH ENERGY EFFICIENCY REQUIREMENTS.

ELECTRICAL LEGEND **ICON DESCRIPTION** 1x1200 CEILING FAN. AND CONTROL DL DOWNLIGHT (SEALED UNIT)

NOTE: CONTRACTOR TO COMPLY WITH ALL RELEVANT STANDARDS & CODES. LAYOUT SHOWN IS INDICATIVE ONLY

NOTE:

THE ELECTRICAL LAYOUT SHOWN ON THIS PLAN IS INDICATIVE ONLY. THE FINAL LOCATION OF ELECTRICAL FITTINGS SHALL BE CONFIRMED BY ELECTRICAL CONTRACTOR WITH BUILDER PRIOR TO INSTALLATION.





SUSTAINABILITY/ELECTRICAL PLAN

1:100 AT A3 SHEET SIZE

FOR CONSTRUCTION

NOTES:

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THE COMMENCEMENT OF ANY CONSTRUCTION. PROJECT ISSUE & DESCRIPTION

A - ENGINEER CERTIFIED - 15/02/2018





46 Hugh Ryan Drive, Garbutt QLD 4814 PO Box 4257, Vincent QLD 4814 Tel: (07) 4779 4199

PROJECT: NEW RESIDENCE

CLIENT: PARKSIDE CONSTRUCTION

SITE: LOT 241 PEAK CIRCUIT COSGROVE, TOWNSVILLE



SHEET No. 15

DATE:	8/05/2018 9:01:11 AM	JOB NO.		
DRAWN:	IC	18-006		
SCALE:	1:100	10-000		

CLIENT JOB NO.

2544