

PLEASE NOTE: DETAILS SHOWN ON THESE PLANS ARE INTENDED TO BE ACCURATE - HOWEVER INFORMATION WRITTEN INTO INDIVIDUAL CONTRACTS WILL TAKE PRECEDENCE OVER PLANS

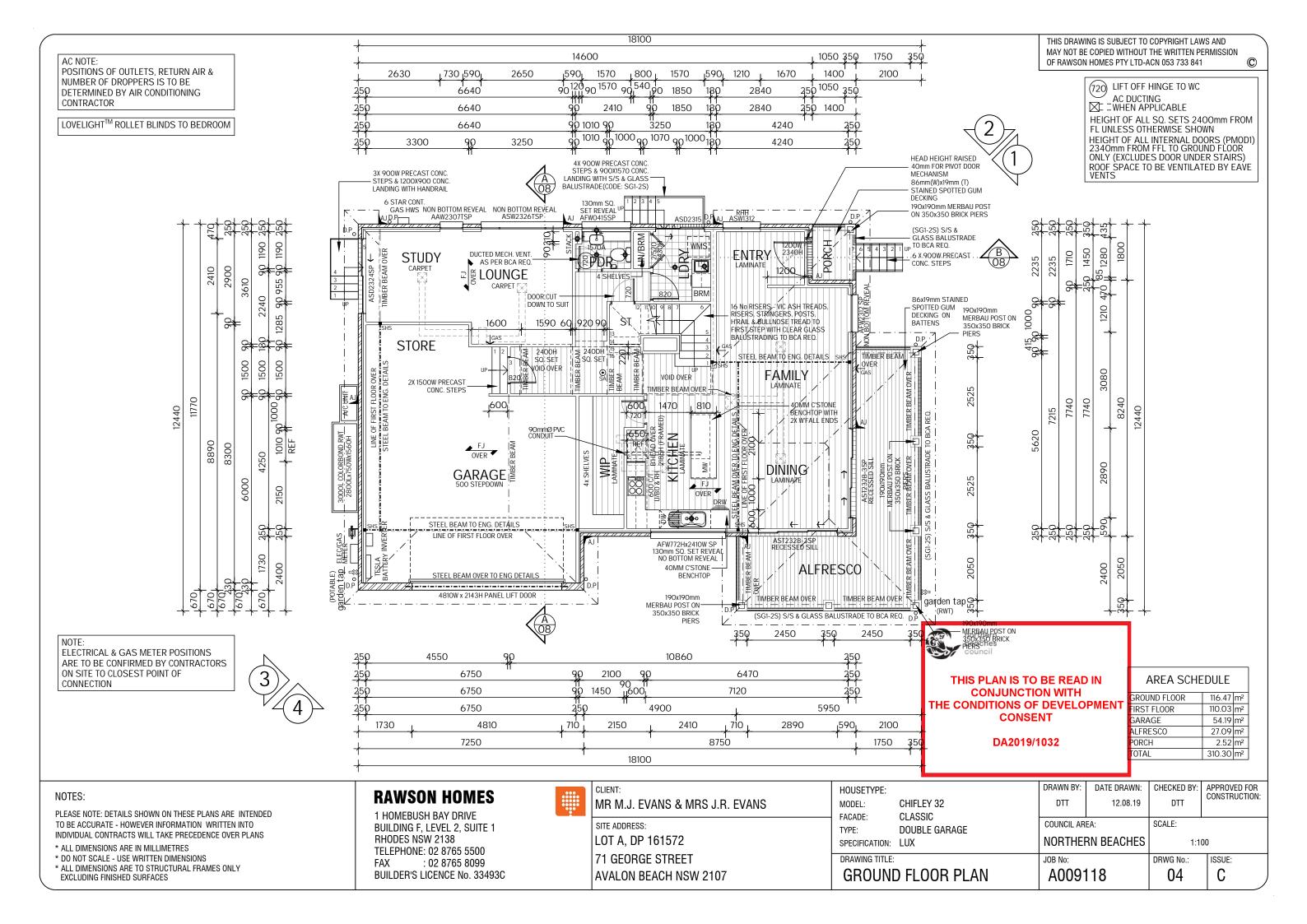
- * ALL DIMENSIONS ARE IN MILLIMETRES
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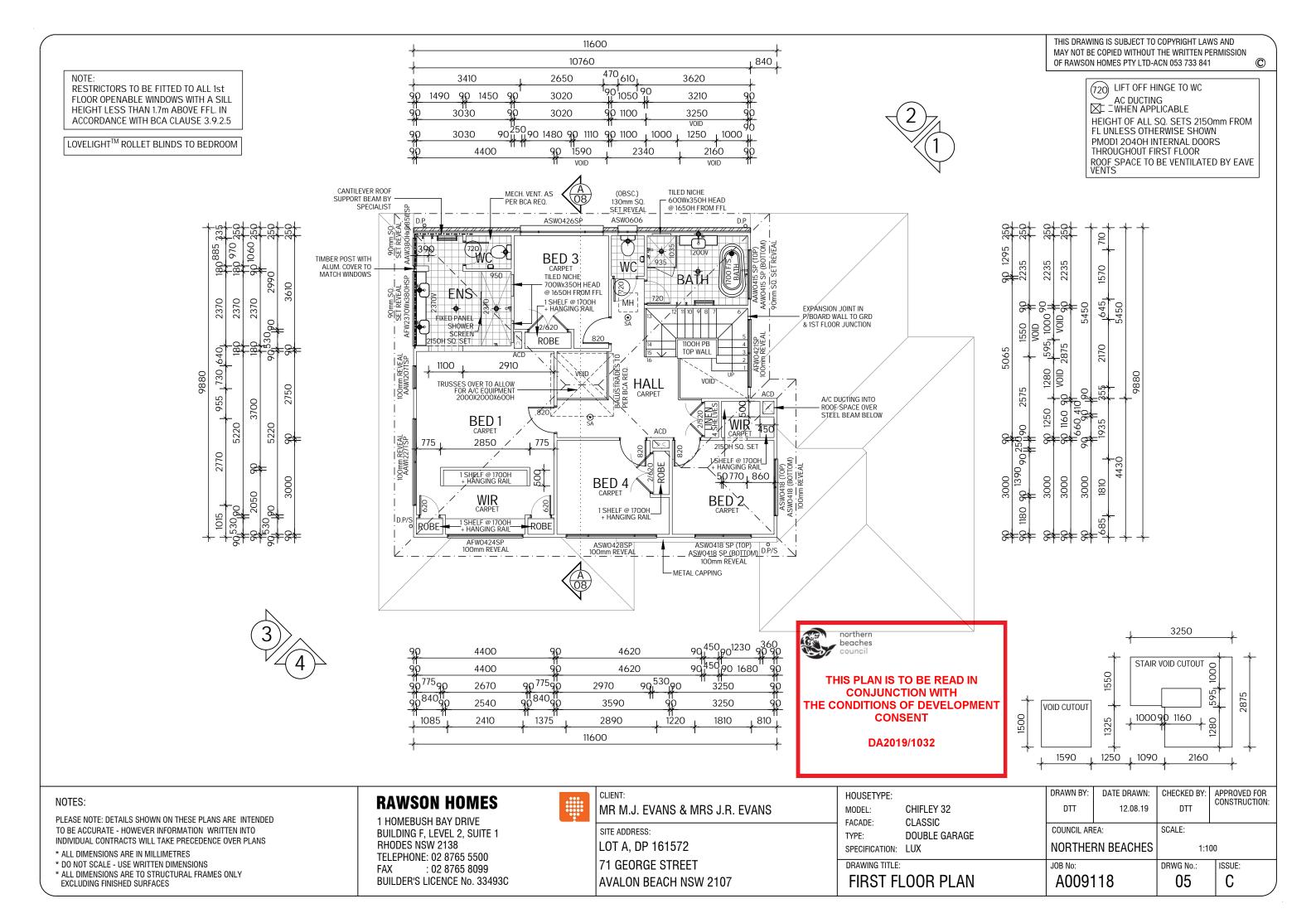
1 HOMEBUSH BAY DRIVE BUILDING F, LEVEL 2, SUITE 1 RHODES NSW 2138 TELEPHONE: 02 8765 5500 : 02 8765 8099 BUILDER'S LICENCE No. 33493C

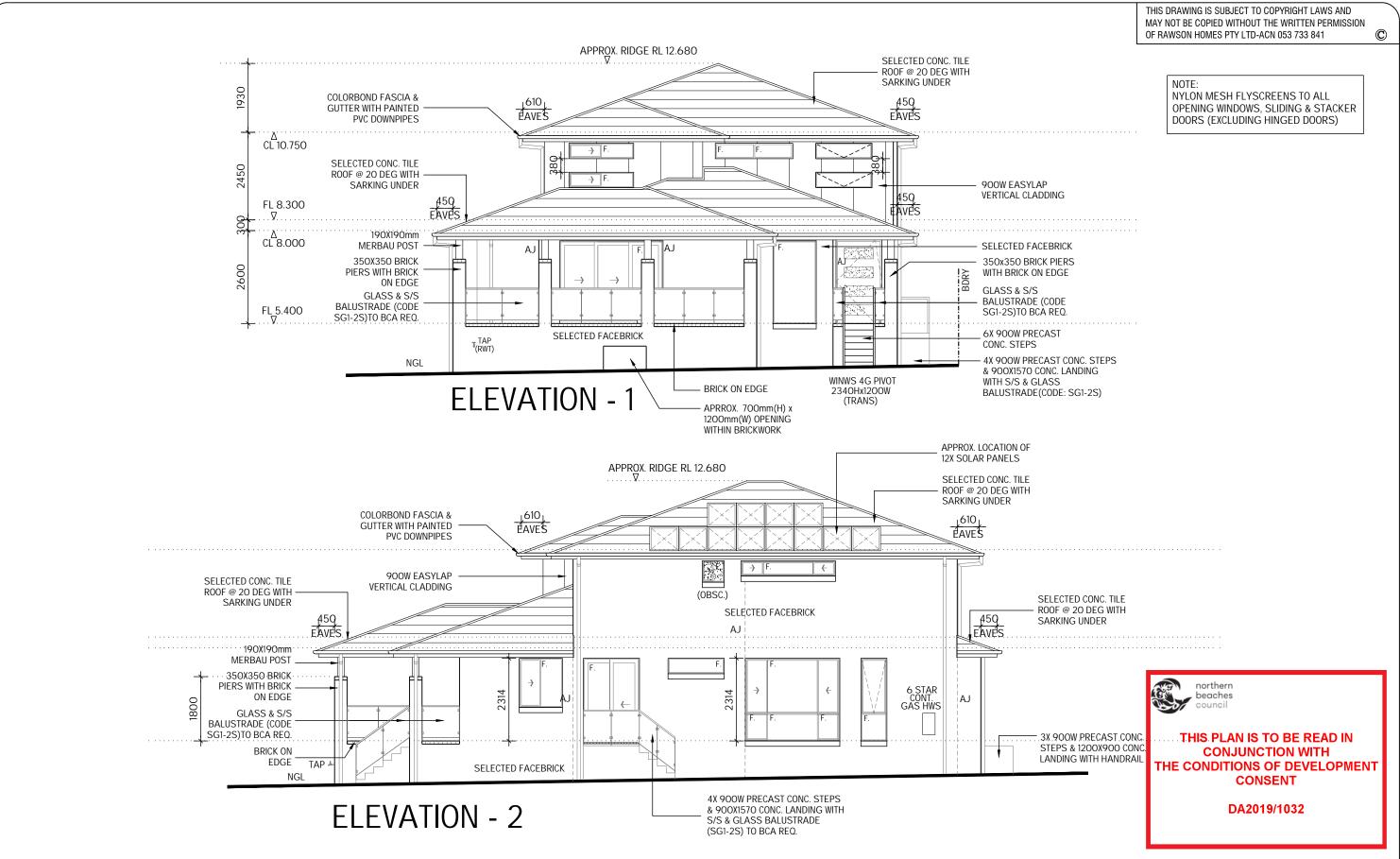


MR M.J. EVANS & MRS J.R. EVANS
SITE ADDRESS:
LOT A, DP 161572
71 GEORGE STREET
AVALON BEACH NSW 2107

I	HOUSETYPE:		DRAWN BY:	DATE DRAWN:	CHECKED BY:	APPROVED FOR CONSTRUCTION:	
l	MODEL:	CHIFLEY 32	DTT	12.08.19	DTT	CONSTRUCTION.	
\mathbf{I}	FACADE:	CLASSIC	001111011 45		20415		
l	TYPE:	DOUBLE GARAGE	COUNCIL AR	EA:	SCALE:		
l	SPECIFICATION:	SPECIFICATION: LUX		NORTHERN BEACHES		1:200	
İ	DRAWING TITLE:		JOB No:		DRWG No.:	ISSUE:	
	SITE PL/	ΑN	A009 ²	118	03	C	







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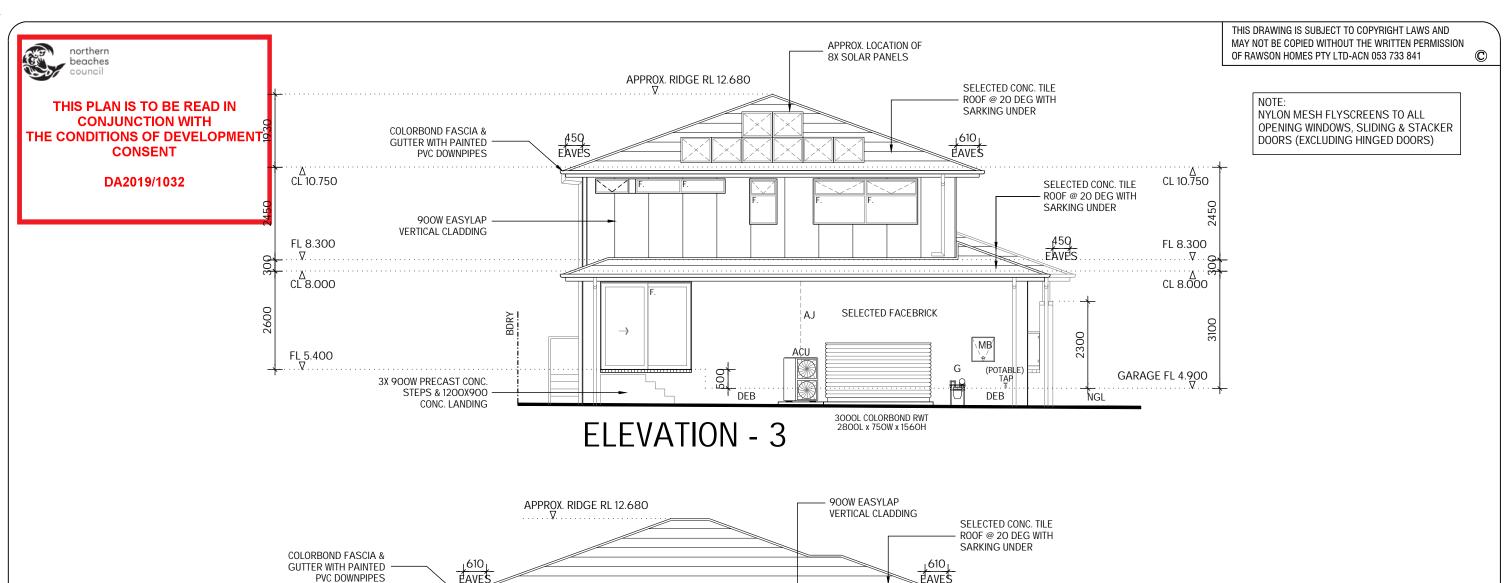
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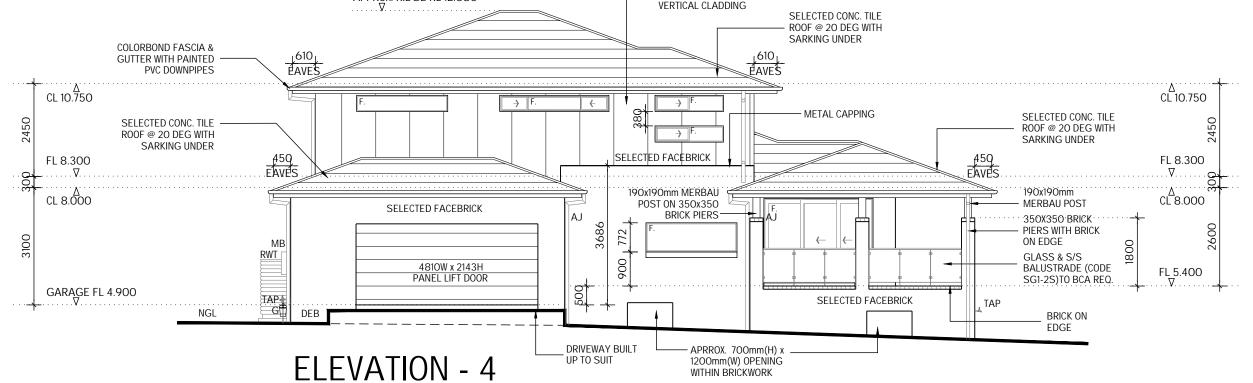
RAWSON HOMES

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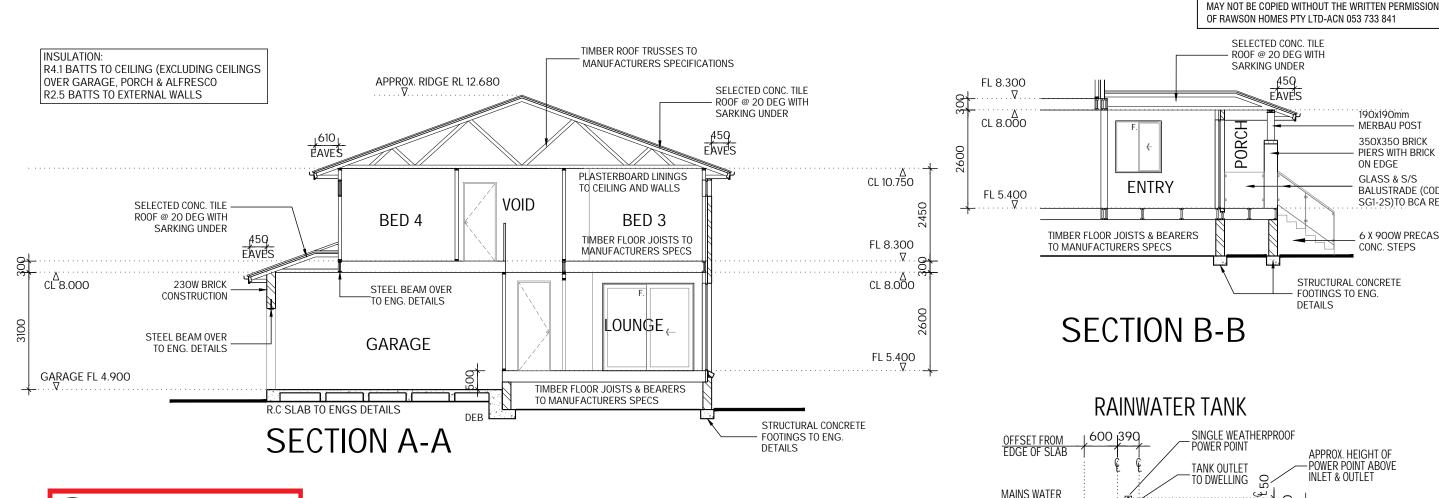
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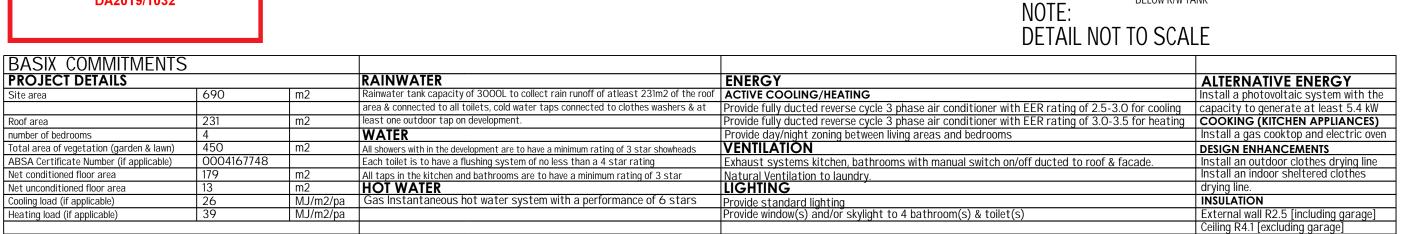
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	MODEL:	CHIFLEY 32	DTT	12.08.19	DTT	CONSTRUCTION:
4	FACADE:	CLASSIC				
١	TYPE:	DOUBLE GARAGE	COUNCIL AREA:		SCALE:	
	SPECIFICATION: LUX		NORTHERN BEACHES		1:100	
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SITE ADDRESS:	TYPE: DOUBLE GARAGE	COUNCIL AR	EA:
LOT A, DP 161572	SPECIFICATION: LUX	NORTHE	RN BEACHES
71 GEORGE STREET	DRAWING TITLE:	JOB No:	
AVALON BEACH NSW 2107	SECTION	A009	118

INLET TO TANK

50|

THIS DRAWING IS SUBJECT TO COPYRIGHT LAWS AND

1760

CHECKED BY:

DTT

1:100

SCALE:

DRWG No.:

80

APPROVED FOR

ISSUE:

 C

CONSTRUCTION:

1560

'EVOLUTION'

RAINWATER TANK

CONCRETE SLAB

190x190mm

MERBAU POST

GLASS & S/S

CONC. STEPS

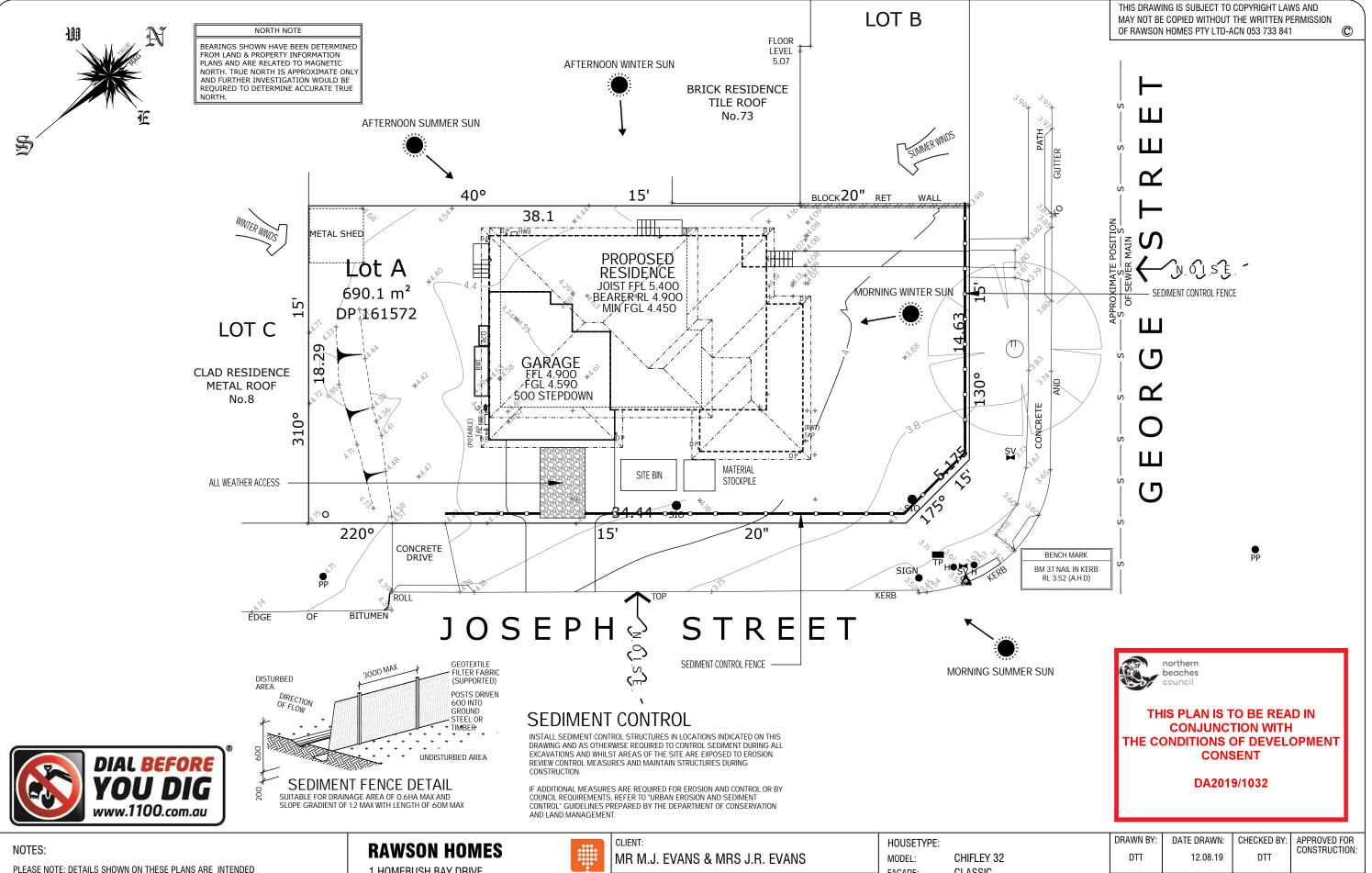
350X350 BRICK

PIERS WITH BRICK ON EDGE

BALUSTRADE (CODE

SG1-2S)TO BCA REQ.

6 X 900W PRECAST



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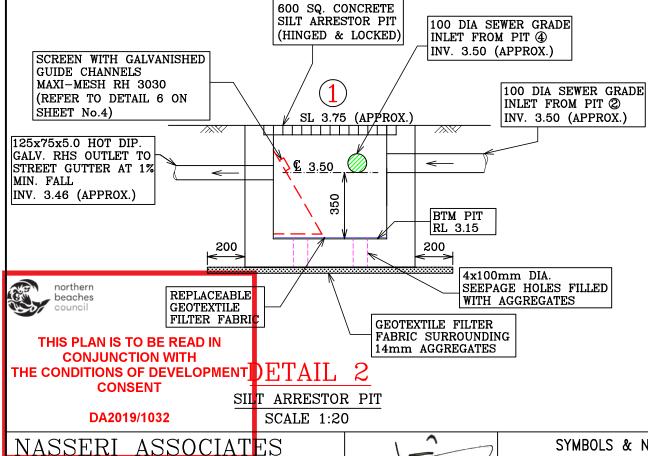
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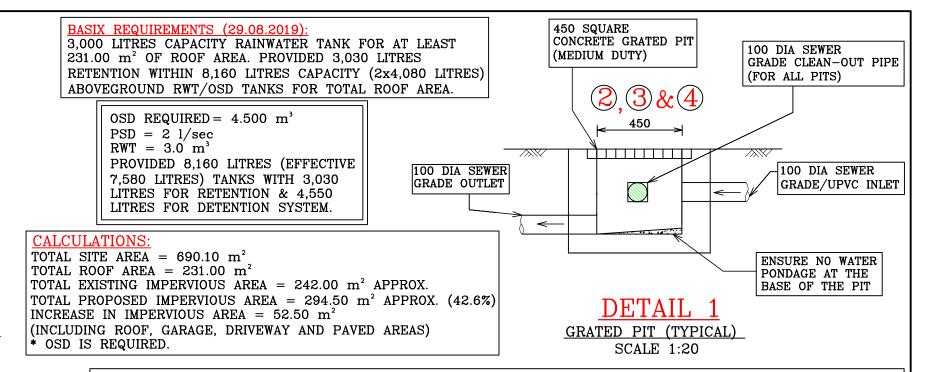
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	WN BY: DATE	DRAWN:	0	APPROVED FOR
n				CONCEDITORIO
υ	DTT	12.08.19	DTT	CONSTRUCTION:
COUN	COUNCIL AREA:		SCALE:	
NOF	NORTHERN BEACHES		1:200	
JOB N	No:		DRWG No.:	ISSUE:
PLAN A	009118		11	C
COUN NOF	NCIL AREA: RTHERN BE			DTT SCALE:



- 1. ALL HYDRAULIC WORKS TO BE IN ACCORDANCE WITH THE NORTHERN BEACHES (OLD PITTWATER) COUNCIL'S STANDARD SPECIFICATIONS AND TO THE SUPERVISING ENGINEER'S SATISFACTION.
- 2. THESE PLANS ARE TO BE READ IN CONJUNCTION WITH ARCHITECTURAL PLANS FROM RAWSON HOMES JOB No. A009118 ISSUE C DATED 12 AUGUST 2019 (PHONE: (02) 8765 5500).
- 3. ALL STORMWATER PIPES TO BE 100 DIA. UPVC UNLESS NOTED OTHERWISE. PIPES UNDER DRIVEWAY TO BE SEWER GRADE.
- 4. DEPTH AND LOCATION OF SEWER & SERVICES TO BE CONFIRMED PRIOR TO COMMENCEMENT OF DRAINAGE WORKS.
- 5. THE CONTRACTOR SHALL IMPLEMENT EROSION AND SEDIMENTATION CONTROL MEASURES AS NECESSARY AND TO THE SATISFACTION OF COUNCIL PRIOR TO COMMENCEMENT OF CONSTRUCTION AND DURING CONSTRUCTION.
- 6. ENSURE FINISHED GROUND LEVELS ARE SLOPING AWAY FROM THE DEVELOPMENT & INTO PITS OR YARD SUMPS, AS SHOWN ON THE ATTACHED DRAINAGE PLAN.
- 7. HYDRAULIC PLANS ARE SUBJECT TO COUNCIL APPROVAL.





IMPORTANT NOTES:

- 1. THIS DEVELOPMENT IS TO CONSTRUCT A NEW SINGLE RESIDENTIAL DWELLING ONLY. ACCORDING TO COUNCIL'S DCP 2014, OSD SYSTEM IS REQUIRED FOR THIS DEVELOPMENT.
- 2. THIS SITE IS FLOOD AFFECTED. THE HABITABLE & NON-HABITABLE FLOOR LEVELS ARE ABOVE THE FLOOD LEVELS (ALSO REFER TO FLOOD IMPACT & RISK MANAGEMENT REPORT FROM NASSERI ASSOCIATES JOB No. D3817 DATED 3 SEPTEMBER 2019).
- 3. SITE INSPECTION WAS CARRIED OUT ON 16 AUGUST 2019 TO CHECK EXISTING GULLY PIT IN FRONT AND OVERALL DRAINAGE PATTERN OF THE AREA.
- 4. ALL ROOF WATER IS COLLECTED INTO TWO ABOVEGROUND RAINWATER TANKS WITH TOTAL CAPACITY OF 8,160 LITRES (EFFECTIVE STORAGE CAPACITY 7,580 LITRES) OR 2x4,080 LITRES (EFFECTIVE STORAGE CAPACITY 3,790 LITRES EACH) PLACED ON SOUTHERN SIDE OF THE DWELLING TO ACT AS A COMBINED RETENTION AND DETENTION SYSTEM. THE LOWER PORTION OF THE TANKS WITH TOTAL CAPACITY OF 3,030 LITRES IS USED FOR RAINWATER RETENTION ONLY FOR RE-USE SUCH AS TOILET FLUSHING, LAUNDRY & IRRIGATION SYSTEM. THE UPPER PORTION OF THE TANKS WITH TOTAL CAPACITY OF 4,550 LITRES IS FOR DETENTION. 100 DIA SEWER GRADE OVERFLOW/OUTLET PIPE FROM OSD/RWT1 TO BE CONNECTED SEPARATELY TO PIT 4) AT 1% MIN. FALL (REFER TO DRAINAGE PLAN ON SHEET No.2).
- 3. SURFACE WATER AROUND THE DWELLING INCLUDING DRIVEWAY AND OVERFLOW/OUTLET FROM OSD/RWT1 TO BE DRAINED TO SILT ARRESTOR PIT (1) IN FRONT PRIOR TO BE DISCHARGING TO STREET GUTTER IN JOSEPH STREET VIA 125x75x5.0 HOT DIP. GALV. RHS OUTLET AT 1% MIN. FALL (REFER TO DRAINAGE PLAN ON SHEET No.2).
- 4. LEVELS ARE CRITICAL. PRIOR TO ANY CHANGES CONTACT ENGINEER.
- 5. PRIOR TO BACKFILLING STORMWATER PIPES AND CONNECTION TO STREET GUTTER IN FRONT, CONTACT ENGINEER FOR AN INSPECTION.
- AFTER COMPLETION OF ALL HYDRAULIC WORKS, FINAL WORK-AS-EXECUTED INSPECTION WILL BE CARRIED OUT AND COMPLIANCE CERTIFICATE WILL BE ISSUED IF APPROPRIATE.



TEL. (02) 9986 3875 FAX. (02) 9986 3876 MOB. 0410 308 064 EMAIL nasseriassociates@bigpond.com

NPER, CPEng DATE: 03/09/2019

SYMBOLS & NOTATIONS 100 DIA YARD SUM 225x100 GRATED BOX DRAIN INV INVERT LEVEL (PIPE / PIT)

FINISHED SURFACE LEVEL FFL FINISHED FLOOR LEVEL FPL FINISHED PLATFORM LEVEL --- PROPOSED BOUNDARY

- S - SEWER

CLIENT: RAWSON HOMES (MR. M.J. EVANS & MS. J.R. EVANS) LOT A (H/No. 71) GEORGE STREET, AVALON BEACH DESIGNED PC SCALE AS SHOWN DRAWN PC снескер JN

HYDRAULIC DETAILS

NOTES, CALCULATIONS & PITS DETAILS

JOB No. D3817 SHEET No. 1 CAD REF. ENG/RAWSON

