

#### **GENERAL NOTES:**

- ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF THE PRINCIPAL CERTIFYING AUTHORITY AND BCA 2018.
- SILT SEDIMENT CONTROL MEASURES TO BE IN PLACE PRIOR EXCAVATION OR CONSTRUCTION WORK.
- PEDESTRIAN ACCESS, INCLUDING DISABLED AND PRAM ACCESS DURING ROAD WORK TO BE MAINTAINED AS PER AS 17423. 'PART 3 TRAFFIC CONTROL DEVICES FOR WORKS ON ROADS'. BUILDER SHALL MAKE GOOD ALL DISTURBED AREAS ADJACENT TO THE
- WORKS ON COUNCILS ROAD. FOOTPATH ARE TO BE RESTORED TO THE SATISFACTION OF THE PRINCIPAL CERTIFYING AUTHORITY. ALL CONCRETE FOOTINGS, FLOOR SLABS AND TIMBER ROOF FRAMING TO STRUCTURAL ENGINEERS DETAILS. THE REFLECTIVITY INDEX OF GLASS USED IN THE EXTERNAL FACADE OF THE
- BUILDING IS NOT TO EXCEED 20%. ONGOING WASTE FROM THE PROPOSED DEVELOPMENT IS TO BE ADDED TO
- THE EXISTING WASTE COLLECTION SYSTEM CURRENTLY IN USE BY THE EXISTING DEVELOPMENT ON SITE SAFETY GLASS SHALL BE USED IN EVERY GLASS DOOR OR PANEL ENCLOSING OR PARTLY ENCLOSING A SHOWER OR BATH.

ALL BATHROOM AND WC WINDOWS SHALL BE FITTED AND MAINTAINED WITH

## BCA COMPLIANCE:

- SECTION A GENERAL PROVISIONS PART A3 CLASSIFICATION OF BUILDINGS AND STRUCTURES ONE OR MORE BUILDINGS WHICH IN ASSOCIATION CONSTITUTE— (A) CLASS 1A — A SINGLE DWELLING BEING—
- (I) A DETACHED HOUSE; OR (II) ONE OF A GROUP OF TWO OR MORE ATTACHED DWELLINGS, EACH BEING A BUILDING, SEPARATED BY A FIRE-RESISTING WALL, INCLUDING A ROW
  TERRACE HOUSE, TOWN HOUSE OR VILLA UNIT; OR

## - SEE ENGINEERS PLANS

- \*SECTION C FIRE RESISTANCE

  PART C1 FIRE RESISTANCE AND STABILITY

  -C1.1 TYPE OF CONSTRUCTION REQUIRED

  TYPE C CONSTRUCTION FOR 1 STOREY CLASS 6 BUILDING

  -C1.12 NON-COMBUSTIBLE MATERIALS

  THE FOLLOWING MATERIALS, THOUGH COMBUSTIBLE OR CONTAINING

  COMBUSTIBLE FIBRES, MAY BE USED WHEREVER A NON-COMBUSTIBLE
- (A) PLASTERBOARD.
- (B) PERFORATED GYPSUM LATH WITH A NORMAL PAPER FINISH. (C) FIBROUS-PLASTER SHEET. (D) FIBRE-REINFORCED CEMENT SHEETING.
- (E) PRE-FINISHED METAL SHEETING HAVING A COMBUSTIBLE SURFACE FINISH NOT EXCEEDING 1 MM THICKNESS AND WHERE THE SPREAD-OF-FLAME INDEX OF THE PRODUCT IS NOT GREATER (F) BONDED LAMINATED MATERIALS WHERE-(I) EACH LAMINATE IS NON-COMBUSTIBLE; AND
- (II) EACH ADHESIVE LAYER DOES NOT EXCEED 1 MM IN THICKNESS; (III) THE TOTAL THICKNESS OF THE ADHESIVE LAYERS DOES NOT (IV) THE SPREAD-OF-FLAME INDEX AND THE SMOKE-DEVELOPED INDEX OF THE INDEX OF THE LAMINATED MATERIAL AS A WHOLE DOES NOT EXCEED 0 AND 3 RESPECTIVELY 3.7.1.3 EXTERNAL WALLS OF CLASS 1 BUILDINGS
  AN EXTERNAL WALL OF A CLASS 1 BUILDING, AND ANY OPENINGS IN
- THAT WALL, MUST COMPLY WITH 3.7.1.5 IF THE WALL IS LESS (A) 900MM FROM THE ALLOTMENT BOUNDARY OTHER THAN THE BOUNDARY ADJOINING A ROAD ALIGNMENT OR OTHER PUBLIC SPACE,

- (B) 1.8M FROM ANOTHER BUILDING ON THE SAME ALLOTMENT OTHER THAN AN
  APPURTENANT CLASS 10 BUILDING OR A DETACHED PART OF THE SAME CLASS 1
  3.7.1.4 MEASUREMENT OF DISTANCES
  (A) THE DISTANCE FROM ANY POINT ON A EXTERNAL WALL OF A BUILDING TO AN
  ALLOTMENT BOUNDARY OR ANOTHER
  BUILDING IS THE DISTANCE TO THAT POINT MEASURED ALONG A LINE AT RIGHT
  ANGLES FROM THE ALLOTMENT
  BOUNDARY OR EXTERNAL WALL OF THE OTHER BUILDING WHICH INTERSECTS THAT
  WITHOUT OBSTRUCTED BY A WALL COMPLYING WITH 3.7.1.5.
  (B) WHERE A WALL WITHIN A SPECIFIED DISTANCE IS REQUIRED TO BE CONSTRUCTED ALL DEMOLITION WORK TO BE CARRIED OUT IN ACCORDANCE WITH AS
  - IN A CERTAIN MANNER, ONLY THAT PART OF THE WALL (INCLUDING ANY DPENINGS) WITHIN THE SPECIFIED DISTANCE NEED BE CONSTRUCTED IN
  - 3.7.1.5 CONSTRUCTION OF EXTERNAL WALLS (A) EXTERNAL WALLS (INCLUDING GABLES) REQUIRED TO BE FIRE RESISTING (REFERRED TO IN 3.7.1.3 OR 3.7.1.6) MUST EXTEND TO THE UNDERSIDE OF A NON COMBUSTIBLE ROOF COVERING OR NON COMBUSTIBLE EAVES LINING
  - (1) HAVE AN FRL OF NOT LESS THAN 60/60/60 WHEN TESTED FROM OUTSIDE, OR

    (2) BE OF MASONRY VENEER CONSTRUCTION IN WHICH THE EXTERNAL MASONRY

    VENEER IS NOT LESS THAN 90MM THICK, OR

    (3) BE OF MASONRY CONSTRUCTION NOT LESS THAN 90MM THICK.

    (B) OPENINGS IN EXTERNAL WALLS REQUIRED TO BE FIRE RESITING
    - REFERRED TO IN 3.7.1.3 OR 3.7.1.6) MUST BE PROTECTED BY(1) NON-OPERABLE FIRE WINDOWS OR OTHER CONSTRUCTION WITH AN FRL OF NOT LESS THAN -/60/-, OR (2) SELF-CLOSING SOLID CORE DOORS NOT LESS THAN 35MM THICK.
      (C) SUB-FLOOR VENTS, ROOF VENTS, WEEPHOLES AND PENETRATIONS FOR PIPES, CONDUITS AND THE LIKE NEED NOT COMPLY WITH (B)
      (D) CONCESSIONS FOR NON-HABITABLE ROOM WINDOWS CONDUITS AND
  - DESPITE THE REQUIREMENTS IN (B), IN A NON HABITABLE ROOM, A
    WINDOW THAT FACES THE BOUNDARY OF AN ADJOINING ALLOTMENT MAY
    BE NOT LESS THAN 600MM FROM THAT BOUNDARY OR, WHERE THE FACES ANOTHER BUILDING ON THE SAME ALLOTMENT, NOT LESS THAN 1200MM FROM THAT BUILDING PROVIDED THAT(1) IN A BATHROOM, LAUNDRY OR TOILET, THE OPENING HAS AN
  - (I) IN A BATHROOM, LAUNDRY OR TOILET, THE OPENING HAS AN AREA OF NOT MORE THAN 1.2SQM, OR (2) IN A ROOM OTHER THAN REFERRED TO IN (1), OPENING HAS AN AREA OF NOT MORE THAN 0.54SQM AND(A) THE WINDOW IS STEEL FRAMED, THERE ARE NO OPENING SASHES AND IT IS GLAZED IN WIRED GLASS, OR
    (B) THE OPENING IS ENCLOSED WITH TRANSLUCENT HALLOW GLASS 3.7.1.8 SEPARATING WALLS (A) A WALL THAT SEPERATES CLASS 1 DWELLINGS, OR SEPARATES A CLASS 1 BUILDING FROM A CLASS 10A BUILDING WHICH IS NOT APPURTENANT TO
  - THAT CLASS 1 BUILDING MUST HAVE AN FRL OF NOT LESS THAN 60/60/60 (1) COMMENCE AT THE FOOTINGS OR GROUND SLAB (A) IF THE BUILDING HAS A NON COMBUSTIBLE ROOF COVERING, TO THE
  - UNDERSIDE OF THE ROOF COVERING, OR
    (B) IF THE BUILDING HAS A COMBUSTIBLE ROOF COVERING, TO NOT LESS
    AT 450MM ABOVE THE ROOF COVERING. SPECIFICATION CLIO: FIRE HAZARD PROPERTIES-MATERIALS USED IN THE BUILDING HAVING FLAMMABILITY, SMOKE
  - DEVELOPED AND SPREAD OF FLAME INDICES AS SET OUT IN SPECIFICATION C1.10. PART 3.7.2 : SMOKE ALARMS - AUTOMATIC FIRE DETECTION AND ALARM SYSTEM TO BE PROVIDED IN ACCORDANCE WITH PART 3.7.2.2 REQUIREMENTS FORSMOKE ALARMS
  - (A) SMOKE ALARMS MUST BE INSTALLED IN-(A) SMOKE ALARMS MUST BE INSTALLED IN(1) ANY STOREY CONTAINING BEDROOMSPART 3.8: HEALTH AND AMENITY
    - WET AREAS WITHIN THE PROPOSED BUILDING TO COMPLY WITH THE REQUIREMENTS OF PART 3.8.1 (Wet areas).
    PART 3.8.5: VENTILATION
  - 3.8.5.0 PERFORMANCE REQUIREMENT P2.4.5 IS SATISFIED FOR A MECHANICAL VENTILATION SYSTEM IF IT IS INSTALLED IN ACCORDANCE WITH AS 1668.2

(A) TO PROVIDE INSULATION FROM AIRBORNE AND IMPACT SOUND, A

- 3.8.5.1 APPLICATION
  3.8.5.2 VENTILATION REQUIREMENT PART 3.8.6 SOUND INSULATION 3.8.6.1 APPLICATION
  COMPLIANCE WITH THIS PART SATISFIES PERFORMANCE REQUIREMENT P2.4.6 FOR SOUND INSULATION,
  3.8.6.2 SOUND INSULATION REQUIREMENTS
- (A) TO PROVIDE INSULATION FROM AIRBORNE AND IMPACT SOUND, A
  SEPARATING WALL BETWEEN 2 OR MORE
  CLASS 1 BUILDING MUST(1) ACHEIVE THE WEIGHTED SOUND REDUCTION INDEX WITH SPECTRUM
  ADAPTION TERM (RW+CTR) AND DISCONTINUOUS CONSTRUCTION
  REQUIREMENTS, AS REQUIRED BY TABLE 3.8.6.1, AND

- (2) BE INSTALLED IN ACCORDANCE WITH THE APPROPRIATE REQUIREMENTS OF 3.8.6.3 AND 3.8.6.4.
  (B) FOR THE PURPOSE OF THIS PART, THE RW + CTR MUST BE DETERMINED IN ACCORDANCE WITH AS/NZS 1276.2 OR ISO717.1, USING RESULTS FROM LABORATORY MEASUREMENTS.
- PART 3.9 : SAFE MOVEMENT AND ACESS
   THE TREADS AND RISERS OF THE PROPOSED STAIRS ARE TO COMPLY WITH PART
  3.9.1.2 ( GENERAL REQUIREMENTS ). SECTION E ( SERVICES AND EQUIPMENT)
  BUILDING TO COMPLY WITH THE CATEGORY 1 FIRE SAFETY PROVISIONS.
  THIS TO BE ACHEIVED BY MEETING THOSE PERFORMANCE REQUIREMENTS OF THE BCA APPLICABLE TO THE BUILDING CLASSIFICATION, FROM THE
- FOLLOWING LIST:
  EP1.3 (FIRE HYDRANTS), EP1.4 (SPRINKLER SYSTEMS), EP1.6(FIRE CONTROL CENTERS), EP2.1 (AUTOMATIC SMOKE DETECTION AND WARNING), EP2.2 (EVACUATION ROUTES), EP3.2 (FIRE FIGHTING LIFT) P2.3.2(FIRE DETECTION IN SINGLE DWELLING) IN SINGLE DWELLING)
  PART EI: FIRE FIGHTING EQUIPMENT- SEE FINAL ESSENTIAL SERVICES PLAN FOR FIRE FIGHTING EQUIPMENT WHICH
- IS TO COMPLY WITH E1.3 (FIRE HYDRANTS) , E1.4 (HOSE REELS), E1.6 (PORTABLE
- E1.7 (FIRE AND SMOKE ALARMS), SPECIFICATION E1.17 (FIRE DETECTION AND ALARM SYSTEM) AND E1.9 SECTION F (HEALTH AND AMENITY)
  PART F1: DAMP AND WEATHERPROOF
- STORMWATER DRAINAGE MUST COMPLY WITH AS/NZS 3500.3.2. -ROOF COVERING TO COMPLY WITH F1.5. -SARKING MUST COMPLY WITH AS/NZS 4200 PARTS 1 AND 2 -WATER PROOFING OF WEIT AREAS IN BUILDINGS, TO COMPLY WITH F1.7.
  -DAMP PROOFING OF FLOORS ON GROUND, TO COMPLY WITH F1.10.
  -PROVISION OF FLOOR WASTES, TO COMPLY WITH F1.11.
- PART F4: LIGHT AND VENTIL ATION--VENTILATION OF BASEMENT CARPARK TO COMPLY WITH F4.11 (PUBLIC -OTHER PORTION OF BUILDING NOT RECEIVING NATURAL VENTILATION TO THE STANDARDS SET OUT IN PART F4, SHALL BE PROVIDED WITH A SYSTEM OF MECHANICAL VENTILATION COMPLYING WITH F4.5

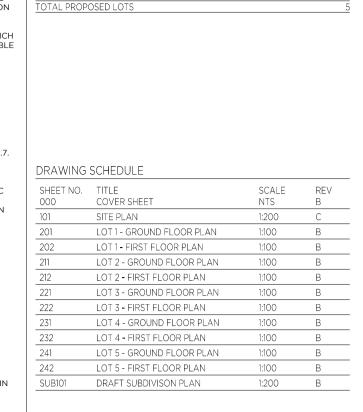
### STANDARDS AUSTRALIA COMPLIANCE

- THE BUILDING SHALL BE CONSTRUCTED IN ACCORDANCE WITH BUT NOT AS2293 EMERGENCY EVACUATION LIGHTING IN BUILDINGS
- AS2293 EMERGENCY EVACUATION LIGHTING IN BUILDINGS
  AS3700 MASONRY STRUCTURES
  AS1670 FIRE DETECTION, WARNING, CONTROL AND INTERCOM
  SYSTEMS—SYSTEM DESIGN, INSTALLATION AND COMMISSIONING
  AS1668 THE USE OF MECHANICAL VENTILATION AND AIR CONDITIONING IN BUILDINGS
  GENERAL REQUIREMENTS FOR ACCESS - NEW BUILDING WORK AS2293 EMERGENCY ESCAPE LIGHTING AND EXIT SIGNS FOR BUILDINGS AS3500 PLUMBING AND DRAINAGE: PART 3 STORMWATER DRAINAGE
  ASNZS1664 ALUMINUM STRUCTURES
- ASNZS1905 COMPONENTS FOR THE PROTECTION OF OPENINGS IN FIRE RESISTANT WALLS
  AS2050 INSTALLATION OF ROOF TILES AS2047 WINDOWS IN BUILDINGS - SELECTION AND INSTALLATION
  AS2327 COMPOSITE STRUCTURES
  AS2870 RESIDENTIAL SLABS AND FOOTINGS CONSTRUCTION

AS3786 SMOKE ALARMS

ADDITIONAL NOTES

- RESIDENTIAL TIMBER-FRAMED CONSTRUCTION MASONRY STRUCTURES AS3013 FLECTRICAL INSTALLATIONS THE USE OF MECHANICAL VENTILATION AND AIR CONDITIONING IN BUILDINGS
  AS2444 PORTABLE FIRE EXTINGUISHERS AND FIRE BLANKETS-SELECTION
- ASNZS1905 COMPONENTS FOR THE PROTECTION OF OPENINGS IN FIRE-RESISTANT WALLS
  AS1288 GLASS IN BUILDINGS- SELECTION AND INSTALLATION AS2107 ACOUSTICS- RECOMMENDED DESIGN SOUND LEVELS AND REVERBERATION TIMES FOR BUILDING INTERIORS AS3660.1 TERMITE MANAGEMENT-NEW BUILDING WORK AS3740 WATERPROOFING OF WET AREAS IN RESIDENTIAL BUILDING.
  AS1926.1 SAFETY BARRIERS FOR SWIMMING POOLS AS1926.2 LOCATION OF SAFETY BARRIERS FOR SWIMMING POOLS
- -PROVIDE SIGNAL MASTER TV ANTENNA
  -PROVIDE FIXED OUTDOOR CLOTHES DRYER
  -ALL WALL FIXTURES TO BE INSTALLED ARE TO BE RATED AAA -ANY NEW HOT WATER SYSTEM IS TO ACHIEVE A MINIMUM 4 STARS



29.11.18 ISSUE TO CLIENT & CONSULTANTS FOR REVIEW
19.12.18 ISSUE TO CONSULTANTS FOR REVIEW
22.12.18 DRIVEWAY & LOT 1 AMENDMENTS FOR REVIEW



CONSULTANT SCHEDULE

LOCATION MAP NTS

# PROPOSED SUBDIVISION & DWELLINGS LOT 100 DP592389 312 WARRINGAH ROAD FRENCHS FOREST 2086

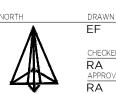
Qasabian Family Investment PTY LTD 312 Warringah Road 63 Dareen Street Frenchs Forest 2086

ALVARO ARCHITECTS PTY LTD 0402 529 840 M Unit 24, 2-8 Daniel Street, A Wetherill Park, NSW 2164 E info@alvaroarchitects.com.a



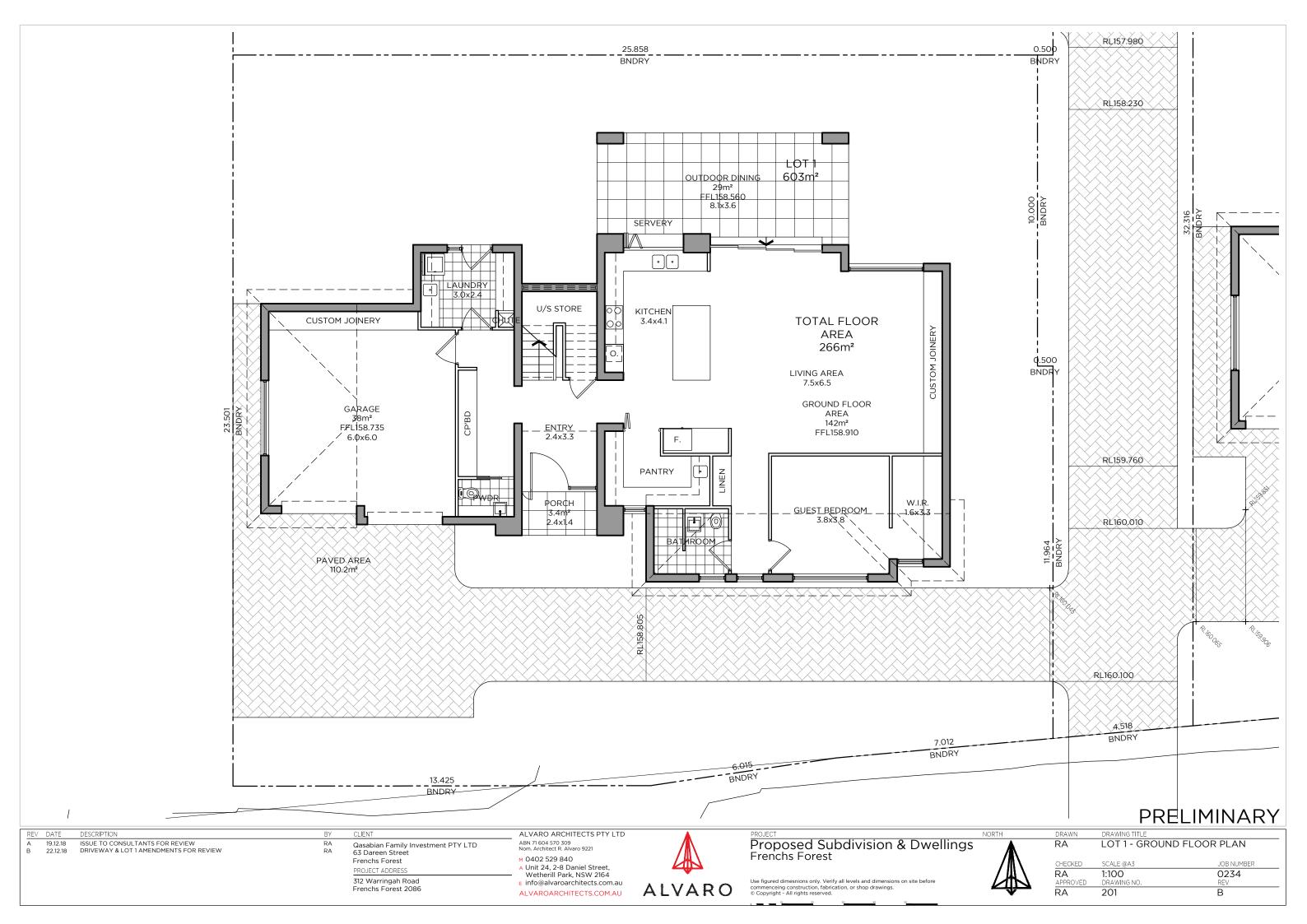
**Proposed Subdivision & Dwellings** Frenchs Forest

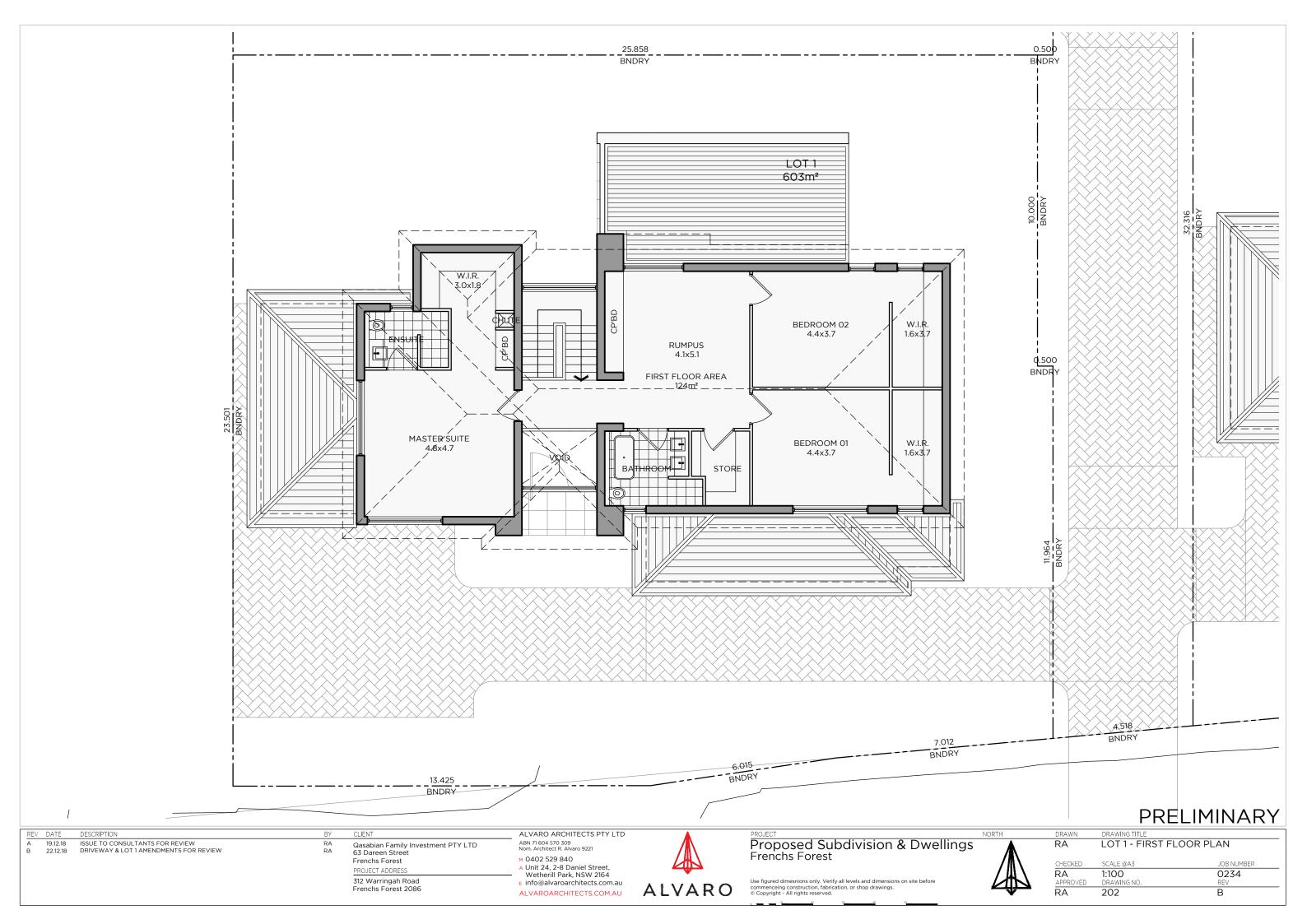
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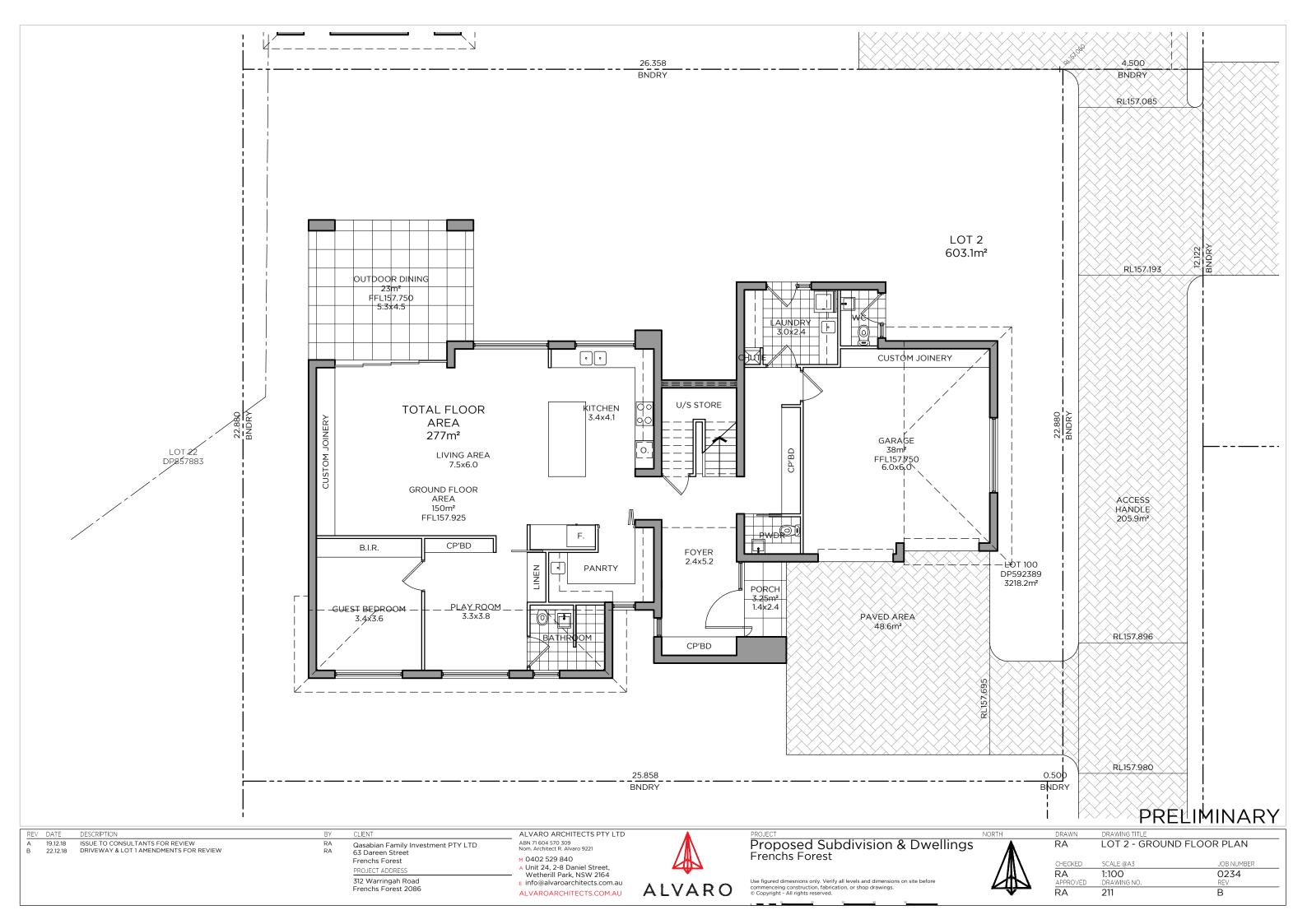


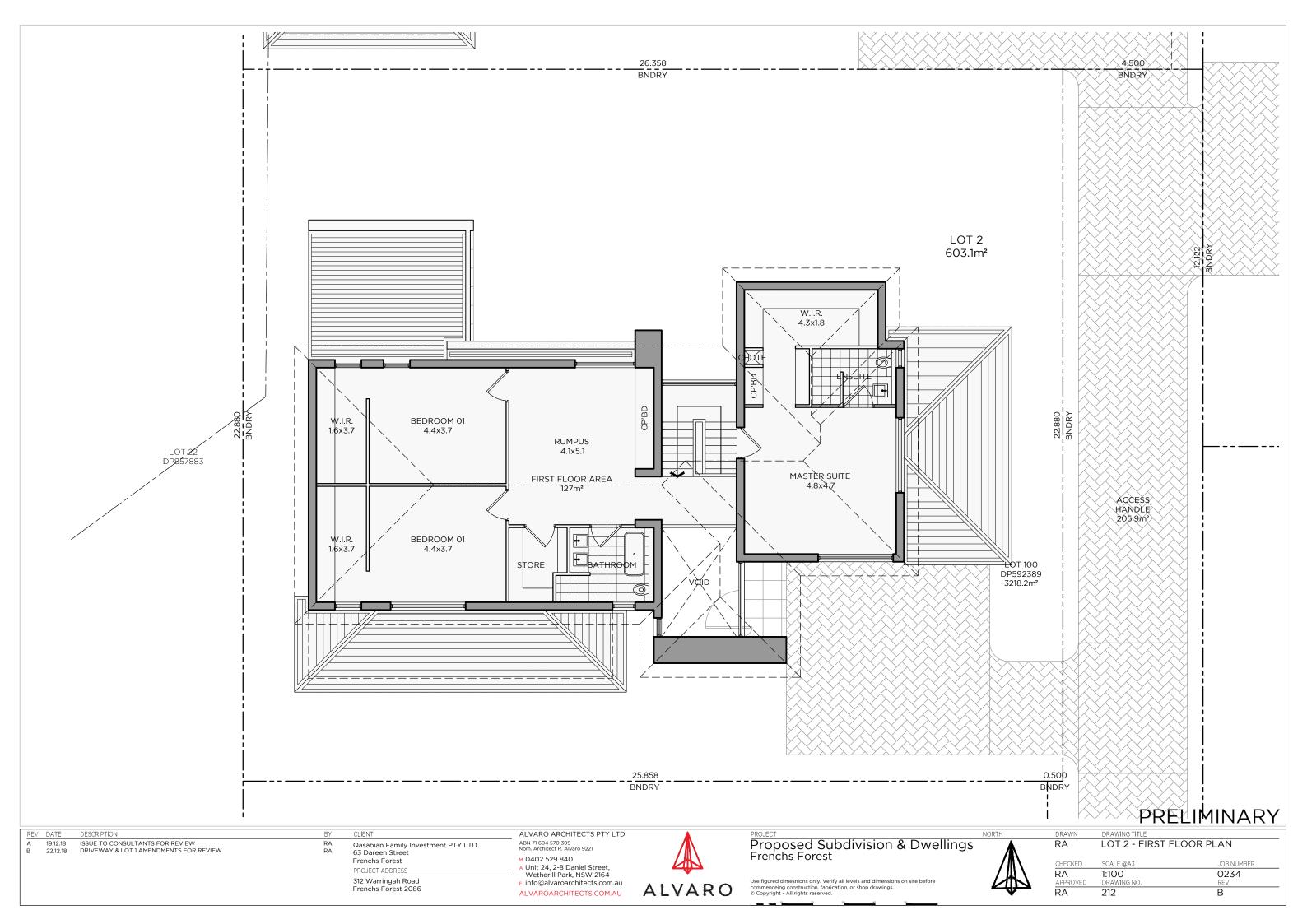
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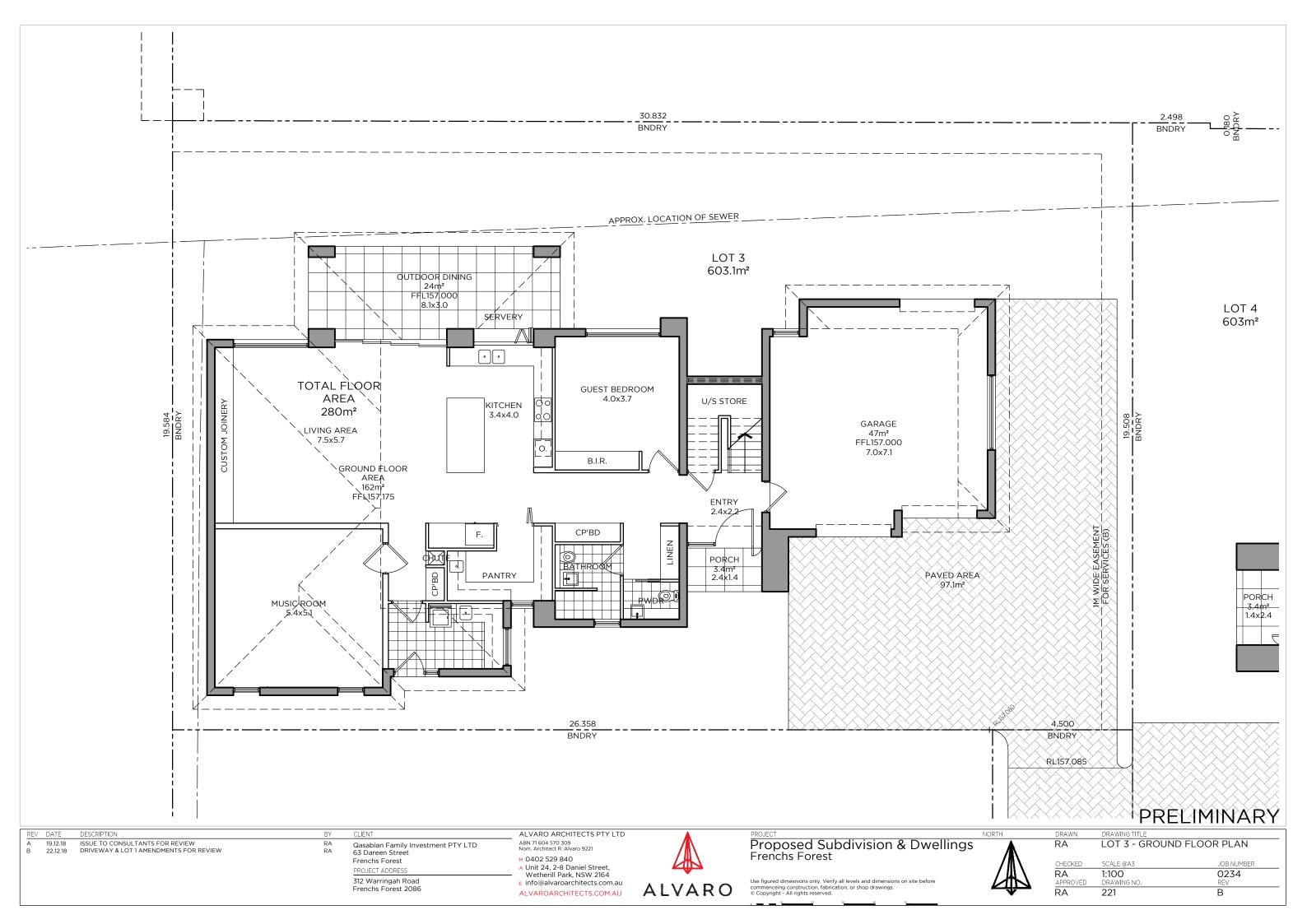


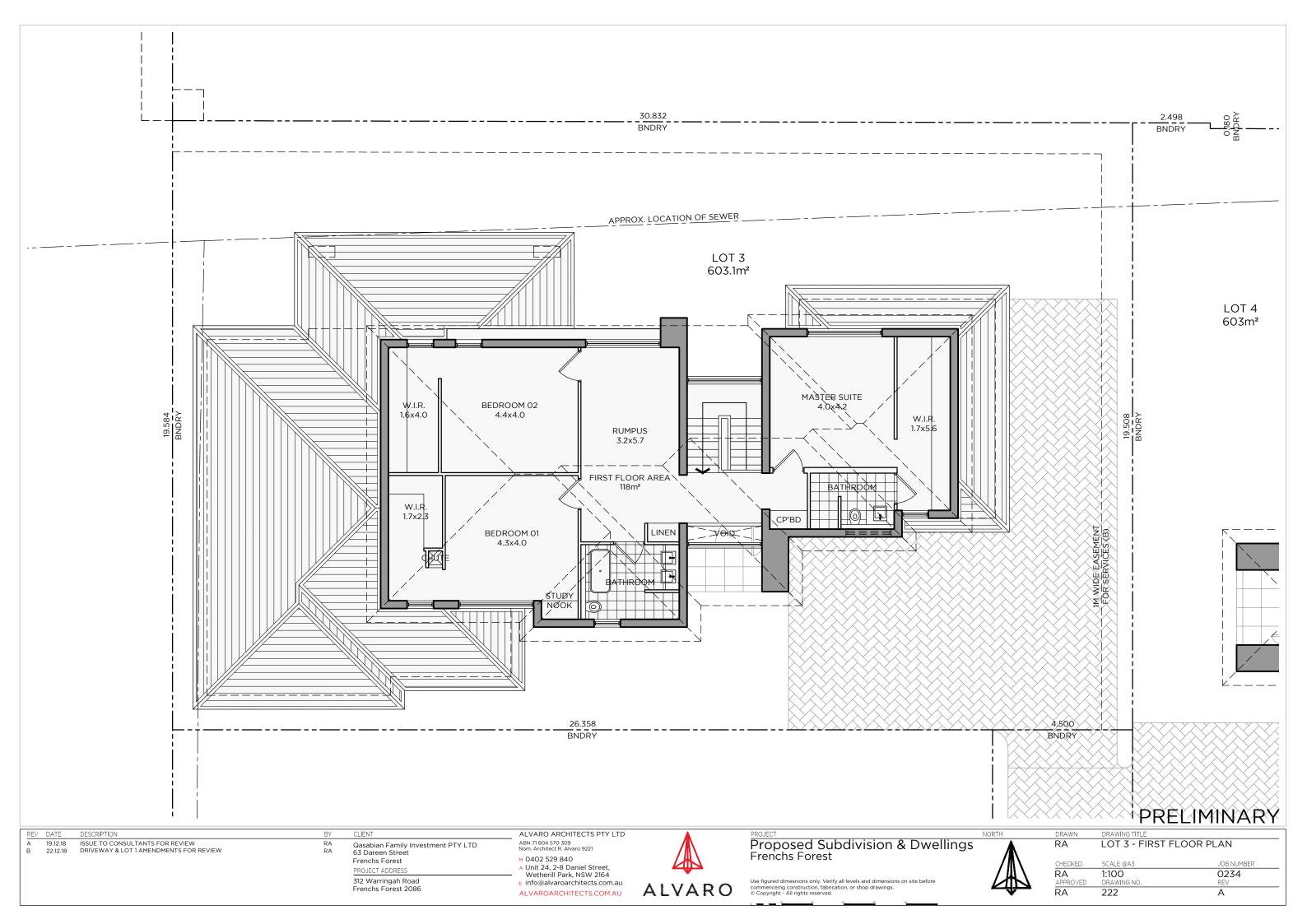


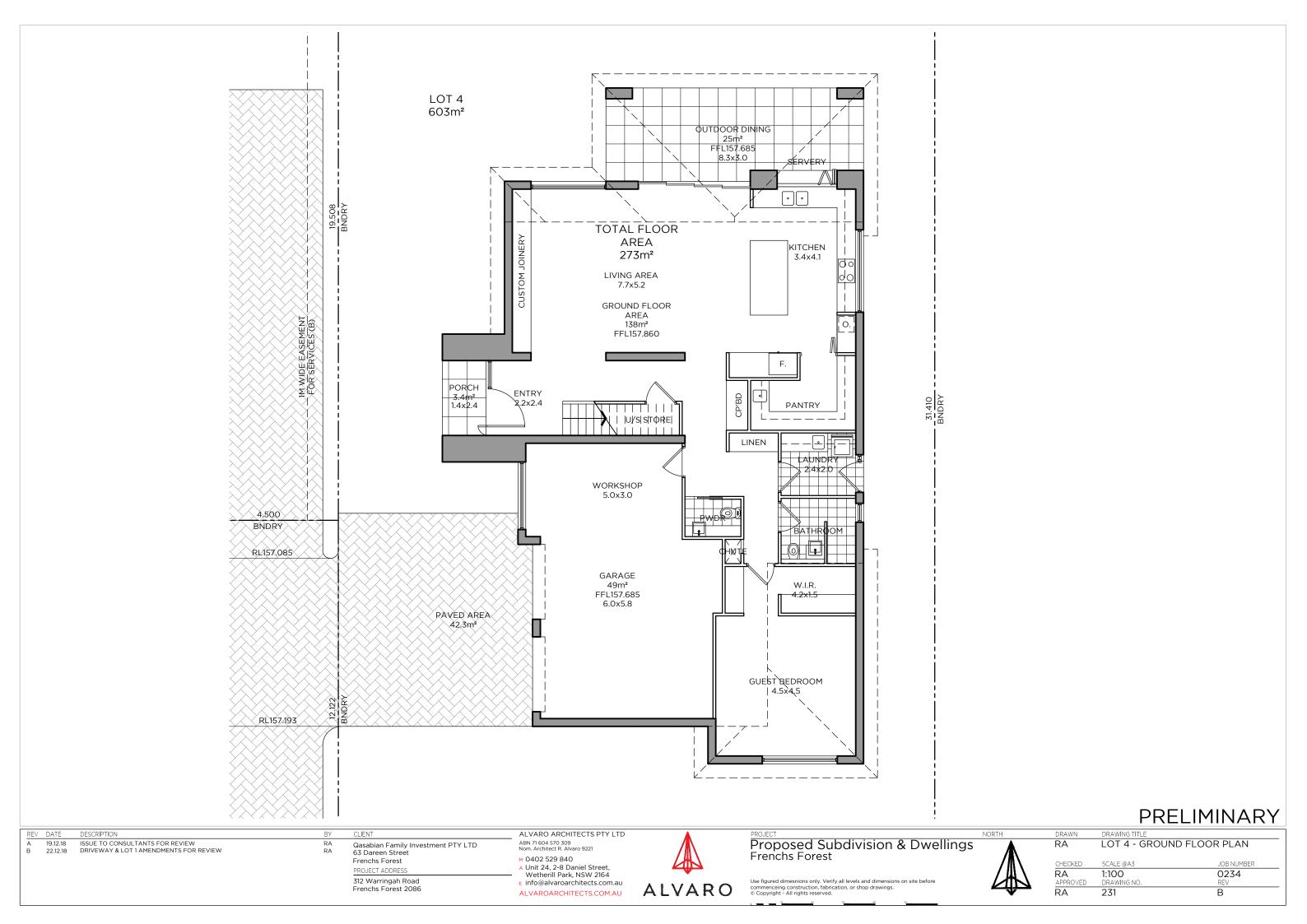


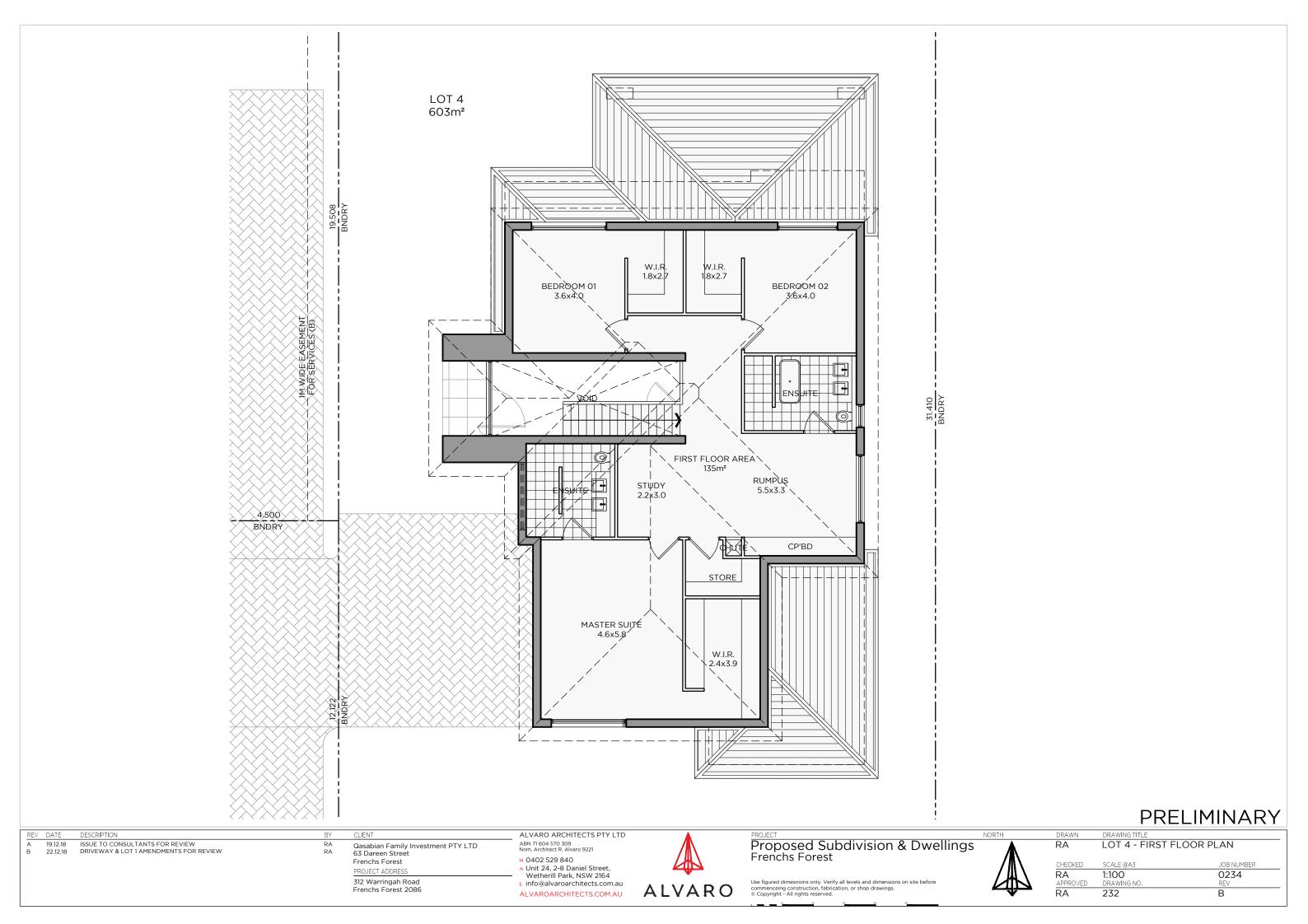


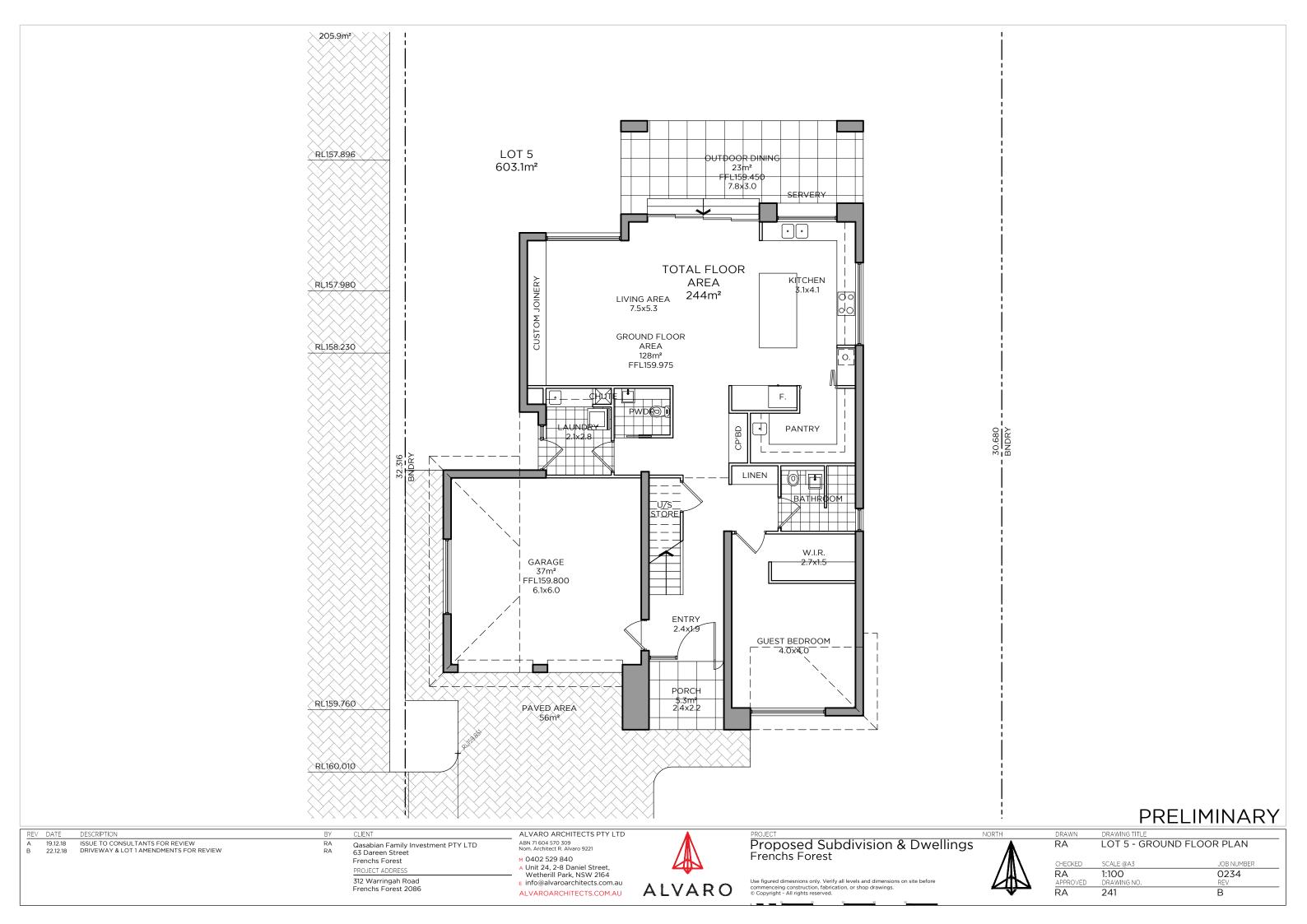


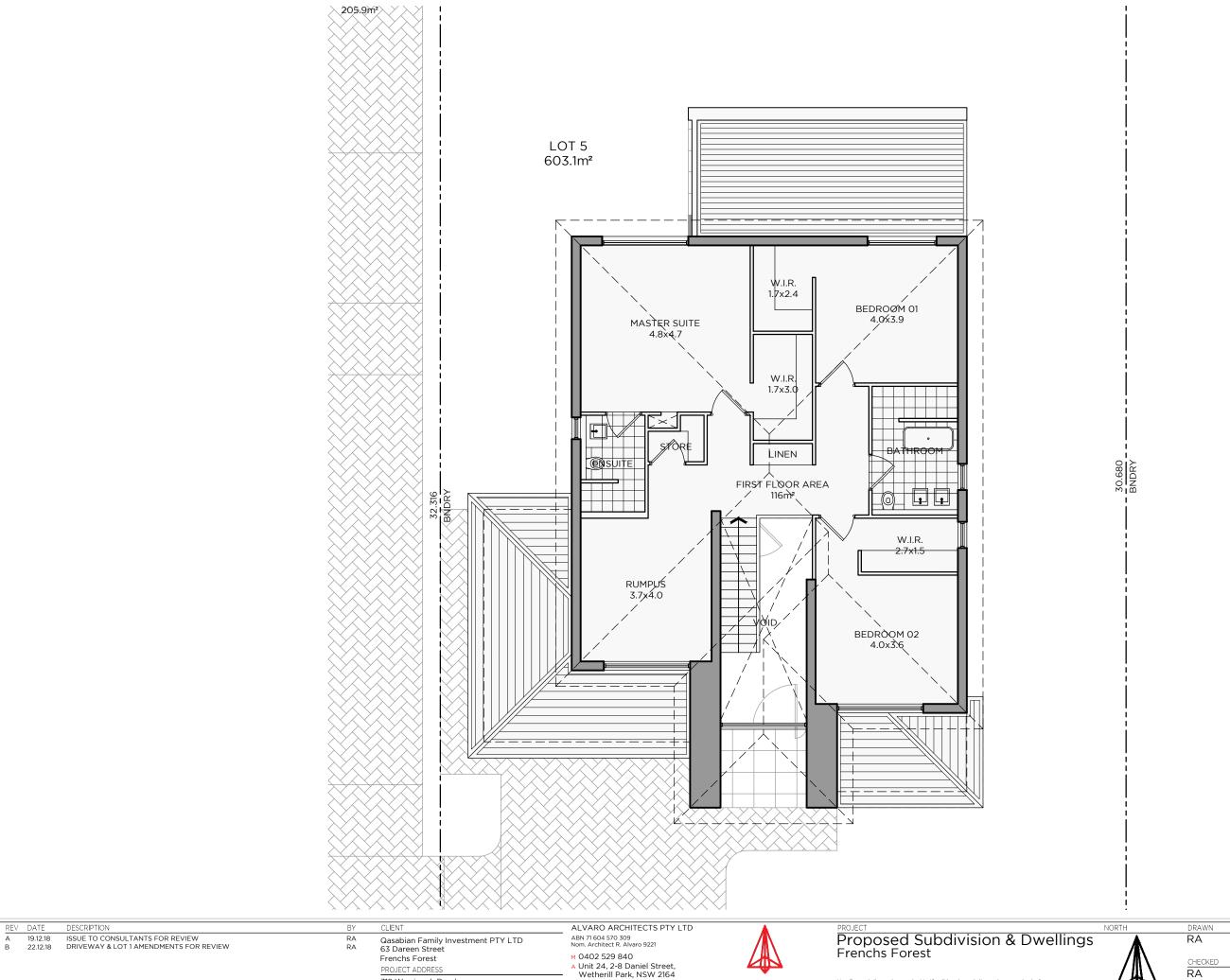












312 Warringah Road Frenchs Forest 2086

**PRELIMINARY** 

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DRAWN	DRAWING TITLE	
RA	LOT 5 - FIRST FLOOR PLAN	
CHECKED	SCALE @A3	JOB NUMBER
RA	1:100	0234
APPROVED	DRAWING NO.	REV
RA	242	В

