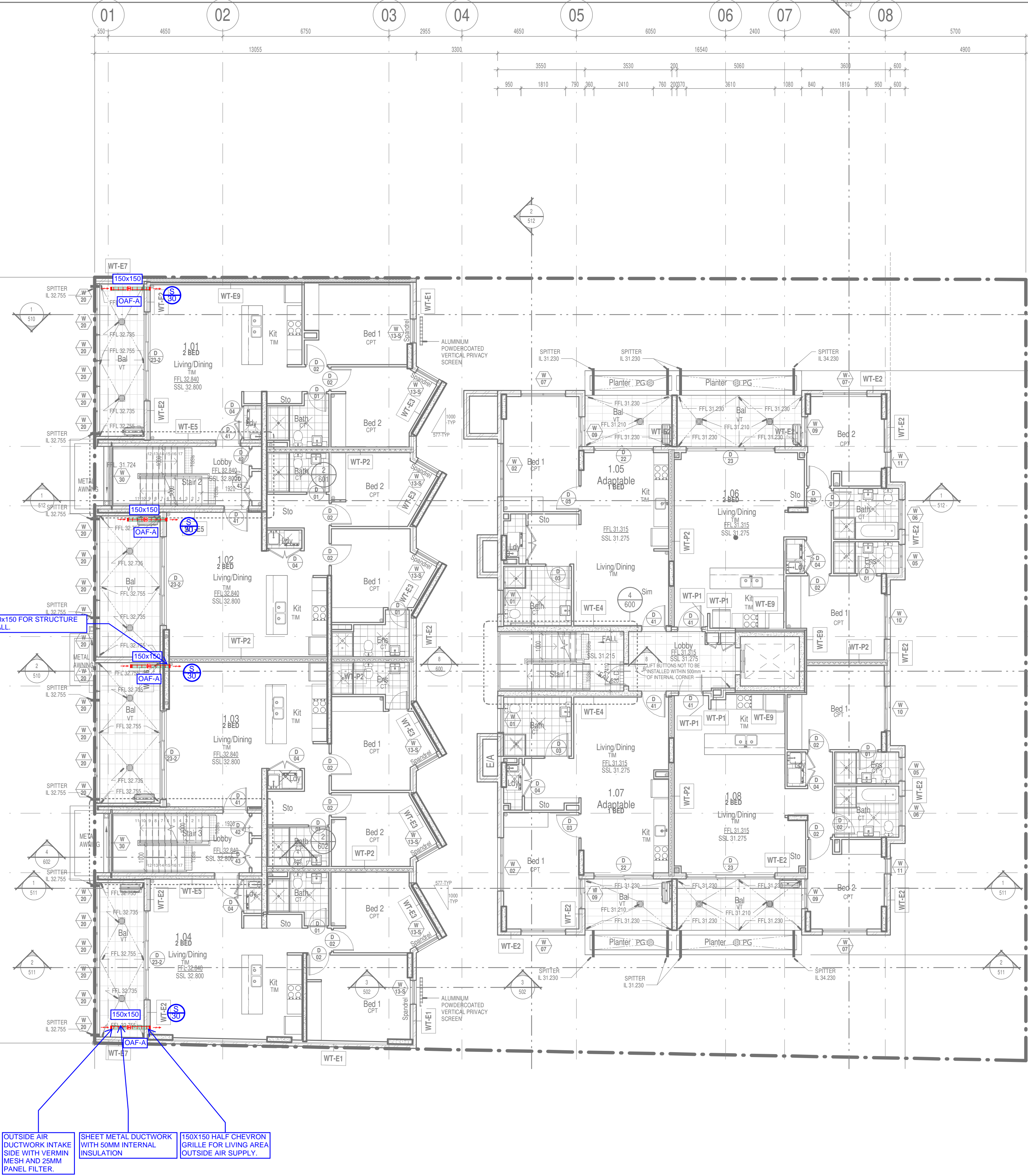


Regulated Design Record				
Project Address : 34-36 Briens Road				NORTHMEAD
Project Title : Proposed Residential Flat Building				
Consent No : DA-579/2015			Body Corporate Reg No : DEP0001560	
Drawing Title : FIRST FLOOR PLAN			Drawing No :104	
Rev	Date dd.mm.yy	Description	DP Full Name	Reg No
1(A)	22/11/2021	Issue For Construction	Andries Mulder	DEP0000919
2	15/12/2021	Issue For Construction	Andries Mulder	DEP0000919
3	07/11/2022	A/C units added	Andries Mulder	DEP0000919

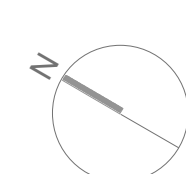
ABBREVIATIONS				
AC	AIR CONDITIONING UNIT WITH NON-CUMMABLE ENCL			
HWU	HOT WATER UNIT / REFER CONSULTANT DETAILS			
AFG	ALUMINIUM FRAMED GLAZING			
AF	ALUMINIUM LOUVRES			
AW	AWNING TO FUTURE DETAIL			
BS	BATTEN SCREEN			
BL	BOLLARD			
BG	BOX GUTTER			
CA	CONCRETE OVERHANG TO FUTURE DETAIL			
CONC	CONCRETE FINISH			
CT	CERAMIC TILE			
CPT	CARPET			
EGL	EXISTING GROUND LEVEL			
ED	FLOOR DRAIN TO CONSUL			
FE	FIRE EXTINGUISHER			
FP	FIRE INDICATOR PANEL			
FS	FIRE STAIRS			
FH	FIRE HYDRANT			
FHR	FIRE HOSE REEL			
FF	FAÇADE FEATURE FINS			
HW	VERTICAL ALUM EXTRUSION			
HR	HIGHLIGHT WINDOW ABV WALL HANDRAIL			
GB	TOUGHENED GLASS			
GC	BALUSTRADE TO BCA/ AS			
GD	GRADED DRAIN/HEEL SAFE TO AS1428 (REFER CONSULT)			
HL	FIXED HIGH LEVEL WINDOW			
LD	HEEL SAFE LINEAR GRATED DRAIN TO CONSUL			
LS	LANDSCAPING (REFER TO LANDSCAPE ARCH. DRWS)			
LP	LOUVER PANELS (ALUM)			
LN	LUMINANCE NOSING			
MA	METAL AWNING			
MB	METAL CLAD, STEEL FRAME			
MC	METAL CLADDING			
MF	METAL FENCING (TO FUTURE SELECTION)			
OF	OVER FLOW FOR BALCONY DRAINAGE TO CONSUL			
OFC	OFF FORM CONCRETE			
PA	PEBBLE AREA			
PB	PLANTER BOX TO LANDSCAPE ARCH. DETAILS			
PC	PANEL GLADDING TO FUTURE SELECTION			
PG	PLANTER DRAINAGE TO CONSUL			
PP	PEDESTAL PAVER			
RP	RIVER PEBBLES FOR LOCATIONS ON FLAT CONC. ROOF W/ INSULATION WHERE APPLICABLE			
RW	RENDERED WALL/ SELECTED PAINT FINISH			
SC	SKYLIGHT TO FUTURE DETAIL			
ST	STORAGE			
TG	DRAINAGE TO CONSUL			
TGSI	TACTILES IN ACCORDANCE WITH AS1428.4			
TL	TILES/PAVERS			
TM	TIMBER			
VT	VITRIFIED TILE			
COLUMN LEGEND				
INSITU / OFF FORM CONCRETE COLUMN / WALL				
HYDRAULIC RISER & ELECTRICAL RISER PROVIDE FIRE COLLAR FOR PIPE TRAVEL BETWEEN FIRE COMPARTMENT				
MECHANICAL RISER / PENO				
ALL RISER LOCATION & SIZES VERTICAL & HORIZONTAL TO BE READ IN CONJUNCTION WITH SERVICES CONSULTANT DOCUMENTATION				
PROVISION FOR POST ADAPTABLE PLUMBING & DRAINAGE TO BE CAPPED OFF FOR FUTURE POST-ADAPTABLE UNITS. REFER ADAPTABLE UNIT LAYOUT PLANS & HYDRAULIC ENGRS DRAWINGS				
TAG LEGEND				
BT-X	BALUSTRADE SECURITY TAG			
D	REFER DRAWING CO-301- BALUSTRADE TYPE DETAILS			
D	DOOR TAG			
D	REFER DRAWING CO-301- DOOR SCHEDULE			
W	WINDOW TAG			
W	REFER DRAWING CO-301- WINDOW SCHEDULE			
W	WALL TAG			
W	REFER DRAWING CO-301-11- WALL TYPE SCHEDULE DETAILS			
FLOOR FINISHES				
CT	TILES			
VT	VERANDAH TILES/ON PEDESTAL SYSTEM			
CONDENSER UNIT TO BE MIN 1.0m AWAY FROM BALUSTRADE (TYPICAL) WHERE NOT ACHIEVABLE SECURITY SCREEN PANEL IS REQUIRED				
ANCHOR POINTS FIXING TO BE PROVIDED. ANCHOR POINTS FIXING TO STRUCTURAL ENGRS DETAILS AND LOCATION AND NOS. TO SAFETY ACCESS CONSULTANT AND RELEVANT PRPFSSIONAL.				



# GENERAL NOTES

Figured dimensions shall be taken in preference to scaling. Drawing to be read in conjunction with information on first page. Check all dimensions and levels on site before commencing work or ordering materials. All existing ground lines & trees location are approximate, therefore to be verified on-site by the builder. Any discrepancies to be verified back to Zhinar Architects before proceeding. All workmanship and materials shall comply with all relevant codes, ordinances, Australian Standards and manufactures instructions. Unless noted 'Issued for Construction' drawing not to be used for construction. All art / graphic representations are indicative only. Information on this drawing is the copyright of Zhinar Architects. Copying or using this drawing in whole or part without written permission infringes copyright.

# TRUE NORTH



# PROJECT STATUS:

ISSUE FOR CONSTRUCTION

Original Design by: SHED

# SHEET TITLE:

FIRST FLOOR PLAN

DESIGNED: SCALE @ A1 SHEET: Designer As indicated

LGA : Cumberland Council



zhinar

ARCHITECTS

ZHINAR ARCHITECTS

Zhinar Architects Pty Ltd

ABN 28 495 869 790

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Proposed Residential Flat Building

34-36 Briens Road  
NORTHMEAD  
JOB No:  
8699-CD

DRAWING No.  
104

ISSUE:

3

# SPATIAL STUDY

34-36 Briens Road, Northmead-OAF system sketch.pdf

15/Dec/2023

FELIX YE  
0426 076 689

PREMIUM CONSULTING  
ENGINEERS





Represented by:  
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## Technical Data - Fan Model RIL-150SW (Lo speed)

**Location:** BALCONY

**Designation:** OAF-A

16% additional capacity available

### Performance - Required

Air Flow : 30 L/s  
Static Pressure : 120 Pa  
Selection Pressure: 120 Pa  
Installation Type: n/a  
Air Density: 1.204 kg/m<sup>3</sup>  
- Atmos. Temp: 20 °C  
- Altitude: 0 m  
- Humidity: 0.0 %

### Actual

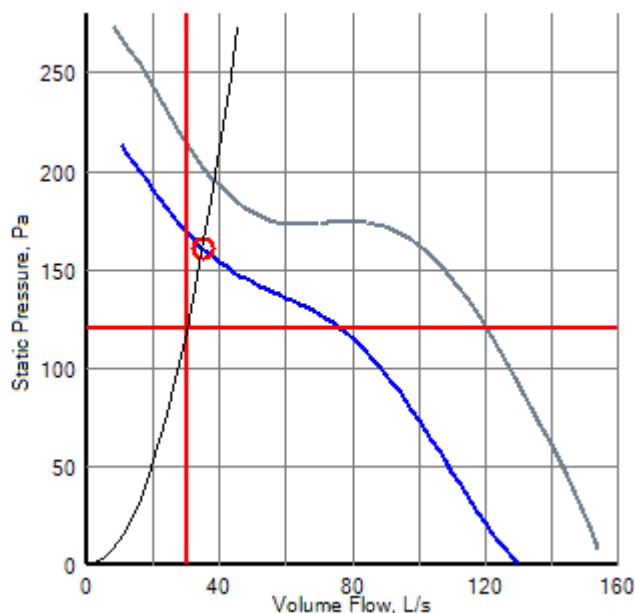
Air Flow: 35 L/s  
Static Pressure: 161 Pa  
Total Pressure: 163 Pa

### Fan Data

Catalogue Code: RIL-150SW (Lo speed) (RIL-150SWBULK)  
Description: ProVent Series (Bulk)  
Diameter: 150 mm  
Impeller Type: Mixed Flow  
Blade Material: -  
Speed: 2150 r/min @50 Hz  
Power, Abs: -  
Input Power: 0.03 kW  
Efficiency Total: -  
Fan Weight: 2.7 kg

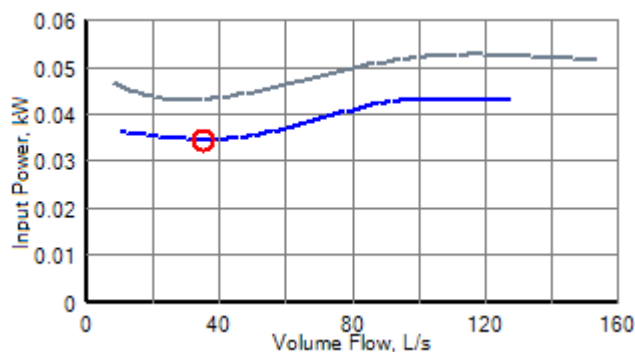
Peak: -

Static: -



### Motor Data (at STP)

Motor Type:  
Electrical Supply: 240V 1ph 50Hz  
Motor Frame:  
Motor Power: 0.04kW  
FLC/Start: 0.19A / 0.57A  
Motor Speed: 2 pole  
Motor Efficiency: -



### Sound Data

Spectrum (Hz):	63	125	250	500	1K	2K	4K	8K	dBW	dB(A) @ 3m
Inlet (dB):	48	49	55	56	55	54	48	41	62	39
Outlet (dB):	51	47	55	57	56	53	46	39	62	39
Breakout (dB):	41	43	50	43	45	45	34	25	53	29

Sound levels are quoted as free-field values. dB(A) values are average spherical free-field for comparative use only.

### Energy Sustainability Data

Hours Per Day:	10	Annual Electricity Cost (\$):	16.6
DaysPerYear:	300	Annual GH Gas (Tonnes):	0.2
CO2 per kWh (kg):	1.467	Annual Carbon Usage (Tonnes):	0.0
Cost per kWh (\$):	0.16		



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## Drawing for Fan Model RIL-150SW

**Location:** BALCONY

**Designation:** OAF-A

