Telopea Residential - Stage 1A DEVELOPMENT APPLICATION



NUMBER	DRAWING TITLE
PRELIMINARIES	
PLA-AR-DA0001	COVER SHEET / DRAWING LIST
PLA-AR-DA0002	LEGEND / NATHERS ASSESSMENT
PLA-AR-DA0010	EXISTING PLAN / DEMOLITION PLAN
PLA-AR-DA0011	SITE PLAN / SITE ANALYSIS
GENERAL ARRANGEN	MENT PLANS
PLA-AR-DA0097	BASEMENT 02 PLAN
PLA-AR-DA0098	BASEMENT 01 PLAN
PLA-AR-DA0099	LOWER GROUND FLOOR PLAN
PLA-AR-DA0100	UPPER GROUND FLOOR PLAN
PLA-AR-DA0101	LEVEL 01 FLOOR PLAN
PLA-AR-DA0102	LEVEL 02 FLOOR PLAN
PLA-AR-DA0103	LEVEL 03 FLOOR PLAN
PLA-AR-DA0104	LEVEL 04 FLOOR PLAN
PLA-AR-DA0105	LEVEL 05 FLOOR PLAN
PLA-AR-DA0106	LEVEL 06 FLOOR PLAN
PLA-AR-DA0107	LEVEL 07 FLOOR PLAN
PLA-AR-DA0108	LEVEL 08 FLOOR PLAN
PLA-AR-DA0109	LEVEL 09 FLOOR PLAN
RLA-AR-DAD1,10~~	LEVEL 10-12 FLOOR PLAN
PLA-AR-DA0113	LEVEL 13 FLOOR PLAN
PLA-AR-DA0114	LEVEL 14 FLOOR PLAN
PLA-AR-DA0115	ROOF PLAN
ELEVATIONS / SECTIONS	ONS CONTRACTOR OF THE PROPERTY
PLA-AR-DA0201	STAGE 1 - BLDG. A ELEVATIONS
PLA-AR-DA0202	STAGE 1 - BLDG. B NORTH ELEVATION
PLA-AR-DA0203	STAGE 1 - BLDG. B SOUTH ELEVATIONS
PLA-AR-DA0204	STAGE 1 - BLDG. B EAST & WEST ELEVATIONS
PLA-AR-DA0205	STAGE 1 - BLDG . B INTERNAL ELEVATIONS
PLA-AR-DA0206	STAGE 1 - BLDG. C ELEVATIONS
PLA-AR-DA0207	STAGE 2 - BLDG. D ELEVATIONS
PLA-AR-DA0208	STAGE 2 - BLDG. E ELEVATIONS
PLA-AR-DA0250	OVERALL SECTIONS
PLA-AR-DA0251	OVERALL SECTIONS
PLA-AR-DA0252	OVERALL SECTIONS
PLA-AR-DA0253	OVERALL SECTIONS
PLA-AR-DA0254	OVERALL SECTIONS
PLA-AR-DA0271	STAGE 1 - OVERALL NORTH ELEVATION
PLA-AR-DA0272	STAGE 1 - OVERALL WEST ELEVATION
PLA-AR-DA0273	STAGE 2 - OVERALL WEST ELEVATION
PLA-AR-DA0274	STAGE 2 - OVERALL EAST ELEVATION

NATHERS Thermal Comfort Inclusions

STAGE 2 - OVERALL SOUTH ELEVATION

Glazing Doors/Windows

PLA-AR-DA0275

Glazed windows and doors:

Group A - awning + bifold + casement windows + hinged glazed doors

U-value: 5.40 (equal to or lower than) SHGC: 0.49 (±5%)

Group B - sliding doors/windows + fixed glazing + louvred windows U-value: 5.40 (equal to or lower than) SHGC: 0.58 (±5%)

Upgrade as per thermal comfort upgrade table

Group A - awning + bifold + casement windows + hinged glazed doors

U-value: 4.10 (equal to or lower than) SHGC: 0.47 (±5%)

Group B - sliding doors/windows + fixed glazing + louvred windows U-value: 4.10 (equal to or lower than) SHGC: 0.52 (±5%)

Given values are AFRC total window system values (glass and frame)

Roof and ceiling

Concrete roof, no insulation to top of slab

Plasterboard ceiling with R3.0 insulation (insulation only value) to soffit of concrete where roof,

balcony or plant is over

Plasterboard ceiling, no insulation where neighbouring units are above

External Colour Light (SA < 0.75)

Ceiling Penetrations

Sealed LED downlights at a maximum of one every 2.5m². Once lighting plan has been developed NatHERS modelling can be updated to improve specification.

DEVELOPMENT AMEN	NITIES
PLA-AR-DA0300	SOLAR ACCESS DIAGRAMS - WINTER SOLSITCE
PLA-AR-DA0301	SOLAR ACCESS DIAGRAMS - WINTER SOLSITCE
PLA-AR-DA0310	SUN EYE VIEW DIAGRAMS - WINTER SOLISTICE
PLA-AR-DA0311	SUN EYE VIEW DIAGRAMS - WINTER SOLISTICE
PLA-AR-DA0312	SUN EYE VIEW DIAGRAMS - WINTER SOLISTICE
PLA-AR-DA0320	SOLAR AMENITY DIAGRAMS 8AM TO 4PM - LEVELS B2 - UG
PLA-AR-DA0321	SOLAR AMENITY DIAGRAMS 8AM TO 4PM - LEVELS 01 - 04
PLA-AR-DA0322	SOLAR AMENITY DIAGRAMS 8AM TO 4PM - LEVELS 05 - 08
PLA-AR-DA0323	SOLAR AMENITY DIAGRAMS 8AM TO 4PM - LEVELS 09 - 14
PLA-AR-DA0326	SOLAR AMENITY DIAGRAMS 9AM TO 3PM - LEVELS B2 - UG
PLA-AR-DA0327	SOLAR AMENITY DIAGRAMS 9AM TO 3PM - LEVELS 01 - 04
PLA-AR-DA0328	SOLAR AMENITY DIAGRAMS 9AM TO 3PM - LEVELS 05 - 08
PLA-AR-DA0329	SOLAR AMENITY DIAGRAMS 9AM TO 3PM - LEVELS 09 - 14
PLA-AR-DA0330	CROSS VENTILATION - LEVELS B2 - UG
PLA-AR-DA0331	CROSS VENTILATION - LEVELS 01 - 04
PLA-AR-DA0332	CROSS VENTILATION - LEVELS 05 - 08
PLA-AR-DA0340	GFA DIAGRAMS LEVELS B2 - UG
PLA-AR-DA0341	GFA DIAGRAMS LEVELS 01 - 04
PLA-AR-DA0342	GFA DIAGRAMS LEVELS 05 - 08
PLA-AR-DA0343	GFA DIAGRAMS LEVELS 09 - 14
PLA-AR-DA0350	OPEN SPACE CALCULATION
PLA-AR-DA0351	DEEP SOIL CALCULATION
DDA TYPOLOGIES	
PLA-AR-DA0501	DDA DIAGRAMS - LEVELS B2 - UG
PLA-AR-DA0501 PLA-AR-DA0502	DDA DIAGRAMS - LEVELS 1 - 4
PLA-AR-DA0502 PLA-AR-DA0503	DDA DIAGRAMS - LEVELS 1 - 4 DDA DIAGRAMS - LEVELS 5 - 8
PLA-AR-DA0503 PLA-AR-DA0511	PRE & POST ADAPTABE TYPOLOGIES 01
PLA-AR-DA0512	PRE & POST ADAPTABE TYPOLOGIES 02

PLA-AR-DA0511	PRE & POST ADAPTABE TYPOLOGIES 0°
PLA-AR-DA0512	PRE & POST ADAPTABE TYPOLOGIES 02
PLA-AR-DA0513	PRE & POST ADAPTABE TYPOLOGIES 03
EXTERNAL FINISHES	
PLA-AR-DA0600	EXTERNAL FINISHES
PERSPECTIVES	
PLA-AR-DA0701	PERSPECTIVE 01
PLA-AR-DA0702	PERSPECTIVE 02
PLA-AR-DA0703	PERSPECTIVE 03
PLA-AR-DA0704	PERSPECTIVE 04

PERSPECTIVE 05

External Wall

Brick veneer with R2.0 insulation (insulation only value)

Lightweight cladding on frame with R2.0 insulation (insulation only value)

External Colour

Default medium modelled

PLA-AR-DA0705

Inter-tenancy walls

150mm concrete with plasterboard lining to walls adjacent to neighbours, no insulation required

150mm concrete with plasterboard lining to hallways, no insulation required

15mm concrete with plasterboard and R2.0 insulation to basement and plant Minimum 150mm concrete with furring channel and plasterboard lining to all walls adjacent to lift

shafts and fire stairs. No insulation required

Walls within dwellings Plasterboard on studs - no insulation

Concrete with a minimum R2.0 insulation (insulation only value) required to units with garage

Concrete with a minimum R2.0 insulation (insulation only value) required where part open subfloor is below

Concrete between levels, no insulation required

Floor coverings

Default floor coverings modelled

External Shading

Shading screens, fins and eave lines modelled as per NatHERS stamped plans

Screens are operable with perforated area of 35% External operable venetian blinds

FOR INFORMATION

REVISION

DATE	Issue Name	BY	CHK	NO.
09/07/2020	PRE DA			01
19/08/2020	DEVELOPMENT APPLICATION			Α
28/03/2022	DEVELOPMENT APPLICATION	SH	DC	В
10/10/2022	DRAFT DEVELOPMENT APPLICATION			С
14/10/2022	DEVELOPMENT APPLICATION	AH	GH	D

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	ROBERT BIRD	T: 02 8246 3200
	SLR	T: 02 9428 8168
-		WHITE NOISE CONSULTING ROBERT BIRD







JECT	DRAWING TITLE	SCALE		
opea Masterplan	COVER SHEET /	2:1, 1:5.52 @A1		
t 5-7 Telopea 2117	DRAWING LIST	DATE	PLOT DATE	
ge 1A Residential		17/02/2020	04/11/2022	
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ARCHITECTURAL DOCUMENT **LEGEND & ABBREVIATIONS**

ACCESS HATCH AC AIR CONDITIONING UNIT ACC **ACCESSIBLE** ABOVE FINISHED FLOOR LEVEL AHD AUSTRALIAN HEIGHT DATUM ALUMINIUM APARTMENT NO. ASPHALT AW **AWNING WINDOW** BAL# **BALUSTRADE TYPE** BALCONY BATHROOM **BATHROOM TYPE BDY** BOUNDARY BED# BEDROOM / BED BEL BELOW BG **BOX GUTTER** BLDG BUILDING BLK BLOCKWORK BOL BOLARD **BICYCLE RACK** BRICKWORK **BICYCLE STORE** C.O.S CHECK ON SITE CONSTRUCTION DOCUMENTATION COMPRESSED FIBRE CEMENT CG **CORNER GUARD** CL CLR CENTRELINE CLEAR COL COLUMN COMMS COMMUNICATION CONC CONCRETE CPD CUPBOARD CPT# CARPET **CLEANER'S ROOM** CSF# CONCRETE SURFACE FINISH CTB COMPOSITE TIMBER DB **DISTRIBUTION BOARD** DOUBLE GLAZED UNIT DIM DIMENSION DR DP **DINING ROOM** DOWN PIPE DISHWASHER EGL **EXISTING GROUND LINE ELEC ELECTRICAL** ENS ENSUITE ENT **ENTRANCE** EQ **EQUAL EXHAUST** EXTERIOR/ EXTERNAL EXT **EXTINGUISHER** FIXED FINISHED CEILING LEVEL FIRE CONTROL ROOM **FAN COIL UNIT** FIRE DOOR FFL FINISHED FLOOR LEVEL FG FIXED GLASS FIRE HYDRANT FIRE HOSE REEL FIRE INDICATOR PANEL FLOOR MAT FIRE RATED FRC FIBRE REINFORCED CEMENT FRL FIRE RESISTANCE LEVEL FLOOR WASTE GRILLE **GALV GALVANISED** GARBAGE WASTE ROOM GARBAGE ACCUMULATION ROOM GD **GRATED DRAIN** GFL GROUND FLOOR LEVEL **GLASS/ GLAZING** GND GROUND GR **GRAB RAIL HYDRAULIC** COAT HOOK HANDRAIL HOT WATER UNIT INT INTERIOR KERB KITCHEN LAUNDRY LIVING ROOM LV# LOUVRE **METRE MASONRY** MAX. MAXIMUM METAL CLADDING METAL COMPOSITE PANEL MAIN DISTRIBUTION BOARD MDF MEDIUM DENSITY FIBRE BOARD MECH **MECHANICAL** MIN. MINIMUM NTS NOT TO SCALE O/A OVERALL OBSCURE OB **OVERFLOW** OFF FORM CONCRETE OVERHEAD OP OPAQUE **OPPOSITE**

PLASTERBOARD PC# PRECASET CONCRETE PCF# **POWDERCOAT** PRIVACY SCREEN RADIUS REINFORCED CONCRETE RD# **ROLLER DOOR** REQ'D REQUIRED RES RESIDENTIAL RETG **RETAINING WALL** RF# REFRIGERATOR **ROBE** WARDROBE RWO RAINWATER OUTLET SUPPLY AIR SLIDING DOOR SFL STRUCTURAL FLOOR FINISH SQM **SQUARE METERS** ST# STONE **SWP** SEWER PIT TB TIMBER TBC# TIMBER CLADDING TIMBER DECKING (EXTERNAL) TBD# TBF# TIMBER FLOOR (INTERNAL) TBV# TIMBER VENEER **TGSI** TACTILE GROUND SURFACE INDICATOR TOK TOP OF KERB TOP TOP OF PARAPET TOW TOP OF WALL **TELEVISION** TYP **TYPICAL** U.N.O UNLESS NOTED OTHERWISE UNDERSIDE UTILITY VEG **VEGITATION** WINDOW WEATHERBOARD WATER CLOSET WIR WALK IN ROBE WASHING MACHINE WATER PROOF MEMBRANE

NATHERS Thermal Comfort Inclusions

Glazing Doors/Windows

Glazed windows and doors:

Group A - awning + bifold + casement windows + hinged glazed doors

U-value: 5.40 (equal to or lower than) SHGC: 0.49 (±10%)

Group B - sliding doors/windows + fixed glazing + louvred windows

U-value: 5.40 (equal to or lower than) SHGC: 0.58 (±10%)

<u>Upgrade as per thermal comfort upgrade table</u>

Group A - awning + bifold + casement windows + hinged glazed doors

U-value: 4.10 (equal to or lower than) SHGC: 0.47 (±10%) **Group B** - sliding doors/windows + fixed glazing + louvred windows

U-value: 4.10 (equal to or lower than) SHGC: 0.52 (±10%)

Given values are AFRC total window system values (glass and frame)

U-value: 4.20 (equal to or lower than) SHGC: 0.72 (±10%)

Roof and ceiling

Concrete roof, no insulation to top of slab

Plasterboard ceiling with R3.0 insulation (insulation only value) to soffit of concrete where roof, balcony or plant is over

Plasterboard ceiling, no insulation where neighbouring units are above

External Colour

Light (SA < 0.475)

Ceiling Penetrations

Sealed LED downlights at a maximum of one every 2.5m². Once lighting plan has been developed NatHERS modelling can be updated to improve specification.

Ceiling Fans

Unit E.LG.02

1200mm diameter ceiling fans to bedrooms

Unit E.LG.03

1200mm diameter ceiling fans to bedroom and living room

External Wall

Brick veneer with R2.0 insulation (insulation only value)

230mm Concrete wall with R2.0 insulation (insulation only value)

230mm Concrete columns with R1.2 insulation (insulation only value) to concrete columns

Lightweight cladding on frame with R2.0 insulation (insulation only value)

External Colour

Default medium modelled

Inter-tenancy walls

230mm concrete with plasterboard lining to walls adjacent to neighbours, no insulation required

230mm concrete with plasterboard lining to hallways, no insulation required

230mm concrete with plasterboard with R2.0 insulation to basement and plant rooms

230mm concrete with furring channel and plasterboard lining to all walls adjacent to lift shafts and fire stairs. No insulation required

Walls within dwellings

Plasterboard on studs - no insulation

Floors

230mm thick concrete slab with a minimum R2.0 insulation (insulation only value) required to units with garage and part subfloor below

Concrete between levels, no insulation required

Floor coverings

Default floor coverings modelled

External Shading

Shading screens, fins and eave lines modelled as per NatHERS stamped plans

Screens are operable with perforated area of 30%

External operable venetian blinds

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19/08/2020	DEVELOPMENT APPLICATION			Α
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10/10/2022	DRAFT DEVELOPMENT APPLICATION			С
14/10/2022	DEVELOPMENT APPLICATION	AH	GH	D
11/11/2022	DEVELOPMENT APPLICATION	AH	GH	E

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MEP SERVICES	DSE	T: 02 9416 1177
BCA-PCA	CITY PLAN	T: 02 8270 3500

OPEN SITE DRAIN

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ACOUSTIC	WHITE NOISE CONSULTING	T: 0408 728 303
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WASTE MANAGEMENT / WIND CONSULTANT	SLR	T: 02 9428 8168



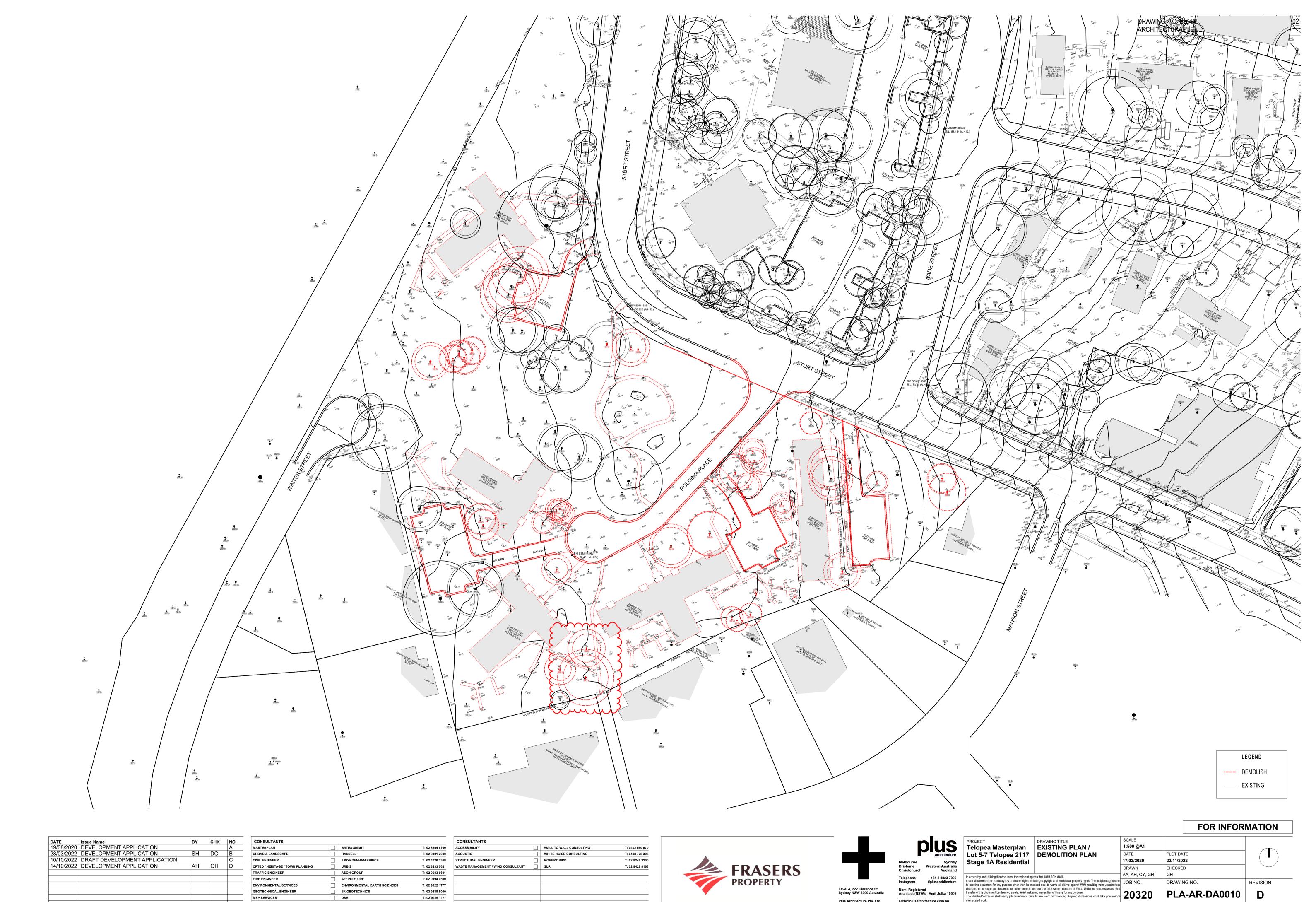


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	PROJECT	DRAWING TITLE	SCALE
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architecture	Lot 5-7 Telopea 2117	ASSESSMENT	DATE
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PLA-AR-DA0002



CITY PLAN

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