

GYM/YOGA ARE TO BE SERVED BY CEILING MOUNTED CASSETTE TYPE INDOOR UNIT. OUTSIDE AIR TO ALSO BE PROVIDED FOR VENTILATION AND ALSO TO CREATE A POSITIVE PRESSURE SPACE, REDUCING IMPACT OF CORROSIVE ENVIRONMENT OF POOL AREA ADJACENT.

WESTERN FACADE OF POOL AREA TO BE PERMENTANTLY OPEN TO OUTSIDE.

POOL AREA EXHAUST SYSTEM INCORPORATING LINEAR BAR GRILLES AT EASTERN END OF POOL AREA TO PROMOTE CROSS FLOW OF AIR AND ASSIT VENTILATION OF SPACE.

POOL AREA EXHAUST SYSTEM DUCTWORK TO RETICULATE THROUGH LEVEL 2 CEILING SPACE AND CONNECT INTO COMMON DUCT RISER SHAFT TO ROOF LEVEL. ENTIRE LENGTH OF DUCT IS TO BE INTERNALLY LINED WITH CORROSION PROTECTION. LENGTHS OF DUCT LOCATED IN POOL ARE THE BE EXTERNALLY LINED WITH CORROSION PROTECTION.

EXHAUST AIR RISERS TO ROOF LEVEL ABOVE IN SERVICES RISER ADJACENT BIN CHUTE. ALL DUCTWORK ENTERING INTO RISER TO BE PROVIDED WITH FIRE DAMPER, TYPICAL.

LEVEL 2 APARTMENTS TO HAVE OUTDOOR CONDENSING UNIT LOCATED ON ASSOCIATED BALCONY IN LOUVRED CABINETS PROVIDED BY BUILDER. TYPICAL. CABINETS TO INCLUDE STORMWATER DRAINAGE FOR CONNECTION OF CONDENSATE DRAINAGE.

EACH SEPARATE APARTMENT TOILET AREA IS TO BE PROVIDED WITH INDIVIDUAL EXHAUST SYSTEM CONNECTING INTO A COMMON DUCTWORK FOR DISCHARGING VIA LINEAR BAR GRILLE IN SOFFIT CEILING, TYPICAL.

RETURN AIR GRILLES SERVING APARTMENT FAN COIL UNITS TO INCORPORATE FILTERS IN GRILLE FACE, TYPICAL.

TYPICAL APARTMENT RANGEHOOD AND TOILET EXHAUST AIR TO DISCHARGE TO BALCONY AREA VIA GRILLE IN SOFFIT CEILING, TYPICAL. EXHAUST SYSTEMS TO UTILISE FLAT PACK TYPE PVC DUCTWORK, TYPICAL.

FLATPACK EXHAUST SYSTEM TO BE PROVIDED WITH FITTING CONNECTION INTO PROPRIETARY RANGEHOOD. RANGEHOOD TO BE PROVIDED BY BUILDER, TYPICAL.

DIVERSITY FACTOR OF NO MORE THAN TWO SPACES IN OPERATION AT ANY TIME IS CONSIDERED TO SIZE THE FLAT PACK TYPE DUCTWORK WHEN MULTIPLE APARTMENT EXHAUST SYSTEMS ARE COMBINED INTO A COMMON DUCT SYSTEM, TYPICAL.

OUTSIDE AIR SYSTEM SERVING GYM/YOGA AREA. SYSTEM TO INCORPORATE IN-LINE DUCTED FAN, FILTER PLENUM BOX, BACK DRAFT DAMPER, FLEXIBLE DUCT AND LINEAR SLOT DIFFUSER. AIR INTAKE TO BE VIA WEATHER PROOF LOUVRE, LOUVRE BY OTHERS.

450W x 200H WEATHER PROOF LOUVRE TO PROVIDE OUTSIDE AIR FOR GYM/YOGA SPACE AND EXHAUST DISCHARGE FOR POOL AMENITIES AREAS. LOUVRES TO BE INSTALLED WITH MAXIMUM SEPARATION FROM EACH OTHER. LOUVRES TO BE PROVIDED BY BUILDER, TYPICAL.

LEVEL 2 ROOF SECTION TO HAVE OUTDOOR CONDENSING UNITS SERVING LEVEL 1 STUDIO APARTMENTS AND GYM/YOGA ROOM MOUNTED ON. LEVEL 2 ROOF MOUNTED UNITS SHALL HAVE CONDENSATE DRAINAGE CONNECTED TO COMMON CONDENSATE PIPE DROPPING OVER INTO STORMWATER DRAINAGE GUTTER. PROVIDE AIR GAP SEPERATION AS PER MECHANICAL SPECIFICATION.

TOILET EXHAUST AIR SYSTEM SERVING POOL COMMON AMENITIES AREAS. SYSTEM TO INCORPORATE IN-LINE DUCTED FAN, EGGRATE TYPE CEILING GRILLES, FLEXIBLE DUCTWORK AND VOLUME CONTROL DAMPERS FOR EACH SPACE SERVED. EXHAUST DISCHARGE VIA WEATHER PROOF LOUVRE. LOUVRE TO BE PROVIDED BY OTHERS.

REFRIGERANT PIPEWORK RETICULATING TO LEVEL 1 STUDIO APARTMENTS TO UTILISE SERVICES RISER BETWEEN POOL AREA TOILETS. COORDINATE PIPEWORK RISERS WITH OTHER SERVICES, TYPICAL.

REFER TO APARTMENT 2.10 FOR INTERNAL APARTMENT LAYOUT

REFER TO APARTMENT 2.09 FOR INTERNAL APARTMENT LAYOUT

REFER TO APARTMENT 2.08 FOR INTERNAL APARTMENT LAYOUT

REFER TO APARTMENT 2.07 FOR INTERNAL APARTMENT LAYOUT

T2	TENDER ISSUE	Date 9	ENG
B	CONSTRUCTION ISSUE	24.03.20	TR
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FOR CONSTRUCTION

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THE PURPOSE OF THIS DOCUMENT IS INTENDED TO BE VIEWED OR PRINTED IN COLOUR FOR THE FULL EXTENT OF THE SCOPE OF WORKS TO BE SHOWN.

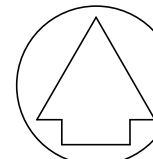
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GEMMA LEA  
DESIGN STUDIO

**LUCID**  
CONSULTING AUSTRALIA  
Level 3/169, Pirie St Adelaide SA 5000  
Phone: (08) 8407 9700  
Email: adelaide@lucidconsulting.com.au

PROJECT  
HYDE PARK PLACE  
248 UNLEY ROAD, HYDE PARK  
MECHANICAL SERVICES

DRAWING  
2ND FLOOR MECHANICAL SERVICES ARRANGEMENT



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Scale	Design: JD/TC	No. in Set	Date
1 : 100	Drawn: JD	7 of 15	JAN 2020
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A1	LCE14462-M203	T2