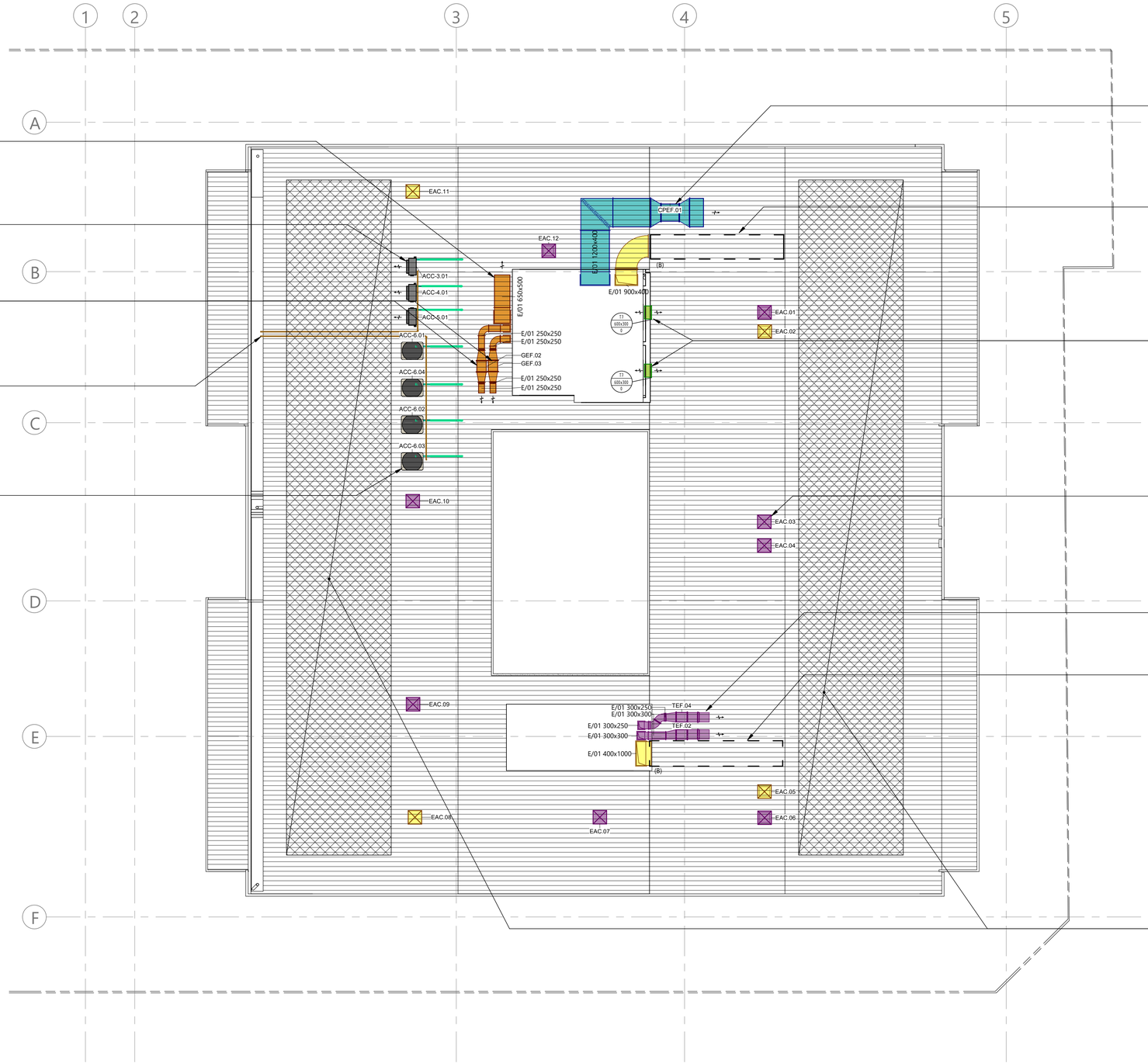

POOL AIR HANDLING UNIT EXHAUST DUCT TO ROLL OVER AND DISCHARGE AT ROOF LEVEL. DUCT ROLL OVER TO BE COORDINATED WITH ROOF ACCESS HATCH - REFER TO ARCHITECTURAL DOCUMENTATION FOR HATCH LOCATION.

HORIZONTAL DISCHARGE CONDENSING UNITS SERVING APARTMENTS ON LEVEL 3.01, 4.01 AND 5.01 BELOW. REFRIGERANT TO UTILISE COMMON ROOF PENETRATION AND DROPPER TO LEVELS BELOW.

POOL PLANT ROOM EXHAUST AND STORAGE UNITS EXHAUST DUCT ROLLING OVER ON ROOF LEVEL. DUCT ROLLOVERS TO BE COORDINATED WITH ROOF ACCESS HATCH - REFER TO ARCHITECTURAL DOCUMENTATION. DUCT TO CONNECT INTO IN-LINE DUCT MOUNTED FAN WITH 45° HORIZONTAL DISCHARGE CAP PROVIDED WITH VERMIN PROOF MESH, TYPICAL. REFER TO DETAIL ON DRAWING LCE14462-M300.

ROOF MOUNTED CONDENSING UNITS ARE TO CONNECT INTO COMMON CONDENSATE PIPEWORK WHICH SHALL ROLL OVER ROOF TO DISCHARGE INTO STORMWATER DRAIN GUTTER. PROVIDE AIR GAP AS PERMECHANICAL SPECIFICATION, TYPICAL.

VERTICAL DISCHARGE CONDENSING UNITS PART OF VARIABLE REFRIGERANT SYSTEM SERVING APARTMENTS ON LEVEL 6.

CAR PARK EXHAUST AIR DUCT ROLLING OVER AT ROOF LEVEL. DUCT TO CONNECT INTO IN-LINE DUCT MOUNTED FAN WITH 45° HORIZONTAL DISCHARGE CAP PROVIDED WITH VERMIN PROOF MESH. CAR PARK EXHAUST AIR FAN TO BE PROVIDED WITH VSD TO CONTROL FAN SPEED AS PER CARBON MONOXIDE SENSORS IN BASEMENT CAR PARK. FAN TO ALSO BE PROVIDED WITH FIRE SIGNAL TO OPERATE FAN AT MAXIMUM SPEED WHEN SIGNAL IS RECEIVED. REFER TO DETAIL ON DRAWING LCE14462-M300.

GROUND FLOOR KITCHEN TENANCY EXHAUST DUCTWORK ROLLING OVER AT ROOF LEVEL AND CAPPED OFF FOR FUTURE CONNECTION. DASHED LINE AREA TO REMAIN FREE TO ALLOW FOR FUTURE KITCHEN EXHAUST SYSTEM TO BE MOUNTED AND CONNECTED INTO DUCTWORK PROVIDED.

LOUVRES TO BE MOUNTED IN SIDE OF LIFT SHAFT ABOVE ROOF LEVEL TO ALLOW VENTILATION OF LIFT SHAFTS.

LEVEL 6 APARTMENT TOILET EXHAUST SYSTEMS RISING FROM BELOW, PENETRATING ROOF LEVEL AND CONNECTING INTO ROOF MOUNTED COWL ABOVE, TYPICAL. PENETRATION LOCATIONS AND ROOF COWLS ARE TO BE COORDINATED WITH SOLAR PANELS AND OTHER SERVICES LOCATED ON ROOF AND ALIGN WITH EACH OTHER ON ROOF WHERE POSSIBLE.

TOILET EXHAUST DUCT TO PENETRATE ROOF LEVEL FROM RISER BELOW AND ROLL OVER ABOVE ROOF LEVEL. DUCT TO CONNECT INTO IN-LINE DUCT MOUNTED FAN WITH 45° HORIZONTAL DISCHARGE CAP PROVIDED WITH VERMIN PROOF MESH. REFER TO DETAIL ON DRAWING LCE14462-M300.

GROUND FLOOR KITCHEN TENANCY EXHAUST DUCTWORK ROLLING OVER AT ROOF LEVEL AND CAPPED OFF FOR FUTURE CONNECTION. DASHED LINE AREA TO REMAIN FREE TO ALLOW FOR FUTURE KITCHEN EXHAUST SYSTEM TO BE MOUNTED AND CONNECTED INTO DUCTWORK PROVIDED.

HATCHED AREAS TO INDICATIVELY SHOW AREA TO REMAIN CLEAR FOR SOLAR PANEL ARRAY ON ROOF.

REV'N	DESCRIPTION	DATE	CHK'D
T1	TENDER ISSUE	23.05.19	TR

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TENDER ISSUE

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TO BE PRINTED IN COLOUR

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.

CITIFY bfc 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
ROOF MECHANICAL SERVICES ARRANGEMENT

NOT FOR CONSTRUCTION PURPOSES UNLESS STAMPED FOR CONSTRUCTION. VERIFY DIMENSIONS AND LEVELS ON SITE BEFORE SETTING OUT. DO NOT SCALE. REFER TO FIGURED DIMENSIONS - IN mm UNLESS OTHERWISE STATED.

Scale	Design: JD/TC	No. in Set	Date
1 : 100	Drawn: JD Review: TR	12 of 15	MAY 2019

Orig. Size	Drawing no.	Revision
A1	LCE14462-M208	T1