

NOTES:

1. FCU CONTROLLER LOCATIONS TO BE AGREED WITH CLIENT/ARCHITECT.
2. 20mm DOOR UNDER CUTS TO ALL INTERNAL DOORS FOR SPILL/MAKEUP AIR PATHS.
3. FANS TO BE ISOLATED FROM THE STRUCTURE ON THE APARTMENT BY NEOPRENE PADS ON SPRINGS TO REDUCE VIBRATION AND NOISE TRANSFER OF THE STRUCTURE.
4. MECHANICAL CONTRACTOR TO COORDINATE WITH MAIN CONTRACTOR IN LOCATING FAN ACCESS PANELS AND GRILLES. FINAL LOCATIONS DICTATED BY CEILING SERVICES COORDINATION / STRUCTURE - LOCATIONS TO BE AGREED WITH ARCHITECT IN LINE WITH RCP.
5. VCDs TO BE PROVIDED AT GRILLE TO EACH DUCT TAKE-OFF.
6. REFRIGERANT PIPE ROUTE INDICATIVE ONLY; PIPEWORK TO BE RUN NEATLY ON CABLE TRAY WHERE EXPOSED (UNDERCROFT CARPARK).
7. FIRE DAMPERS THROUGH ALL FIRE RATED WALLS AND FLOORS IN ACCORDANCE WITH FIRE REPORT.

8. CONDENSING DRYERS TO BE SPECIFIED TO ALL LAUNDRIES, NO PROVISION FOR VENTED DRYERS, WHERE LAUNDRY IS IN A CUPBOARD A CEILING EXTRACT GRILLE WILL BE PROVIDED.
9. ELECTRIC UNDERFLOOR HEATING TO BATHROOM ONLY. SEE ELECTRICAL DRAWING FOR DETAILS.
10. EACH CORRIDOR FAN COIL UNIT/FILTERED RETURN GRILLE TO BE FITTED WITH A G4 FILTER.
11. REFRIGERANT PIPE RISES TO SERVE LEVEL BELOW/ABOVE. REFER TO SPECIFICATION SECTION F FOR PIPEWORK SPACING REQUIREMENTS IN TIMBER STRUCTURE.
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15. OVER FLASHINGS TO BE INSTALLED TO ALL ROOF PENETRATIONS BY MECHANICAL CONTRACTOR 16. ALL MECHANICAL SERVICES ARE TO BE SEISMICALLY RESTRAINED IN ACCORDANCE WITH NZS4219:2009

ISSUE	AMENDMENT	DATE
2	CONSTRUCTION ISSUE	21.12.23
1	CONSTRUCTION ISSUE	16.03.23

CHECK ALL INFORMATION ON SITE PRIOR TO COMMENCING WORK. READ IN CONJUNCTION WITH THE SPECIFICATION AND OTHER RELEVANT DRAWINGS AND DOCUMENTS

ORIGINAL DRAWINGS PRODUCED WITH COLOUR



PROJECT

METLIFECARE GULF RISE  
65 HIBISCUS COAST HIGHWAY,  
RED BEACH  
BUILDING 5

SHEET TITLE

HVAC DUCTWORK LAYOUT -  
ZONE A - LAYOUT LEVEL 02

CONSTRUCTION

DESIGNED:	DRAWN:	SCALE @ A1:	DATE:
SR	AS	1 : 100	21.12.23

PROJECT No: CA17016-5

SHEET No:	ISSUE:
M102	2

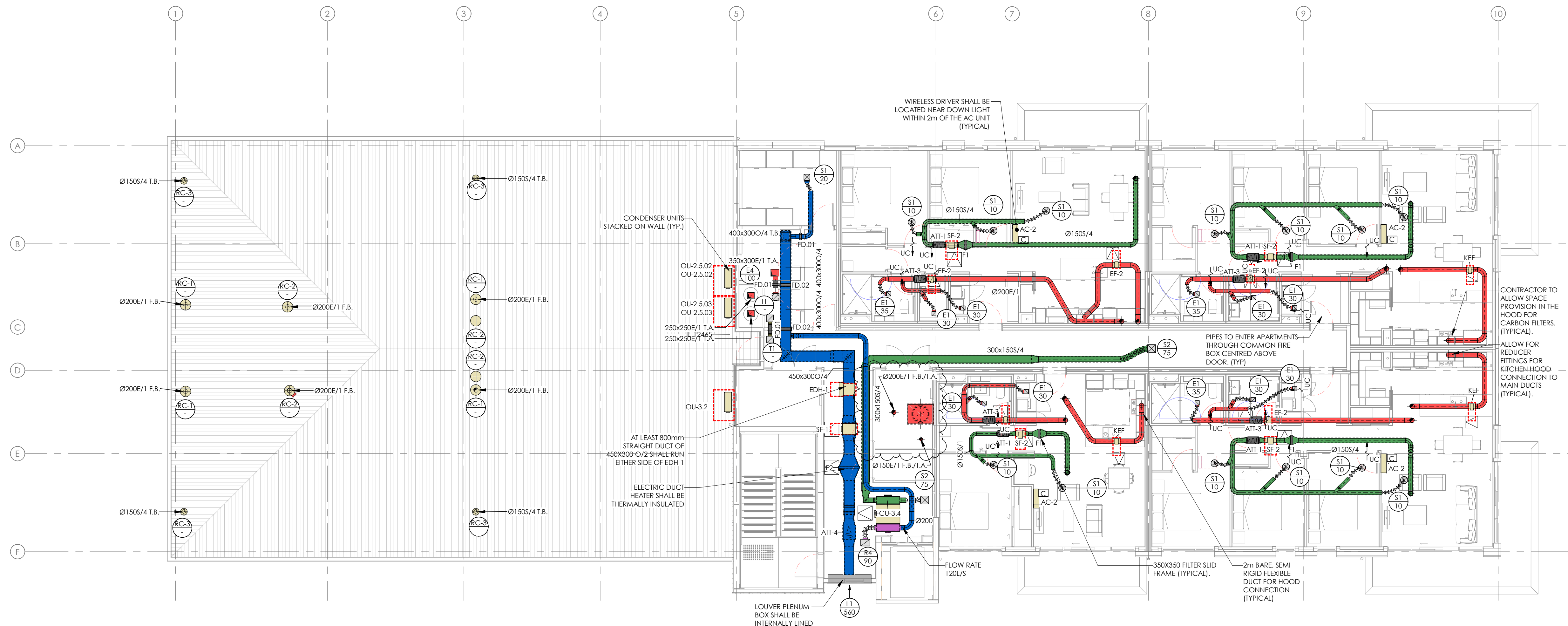












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ORIGINAL DRAWINGS PRODUCED WITH COLOUR



PROJECT

METLIFECARE GULF RISE  
65 HIBISCUS COAST HIGHWAY,  
RED BEACH  
BUILDING 5

SHEET TITLE

HVAC DUCTWORK LAYOUT -  
ZONE A - LAYOUT LEVEL 05

CONSTRUCTION

DESIGNED:	DRAWN:	SCALE @ A1:	DATE:
SR	AS	1 : 100	21.12.23

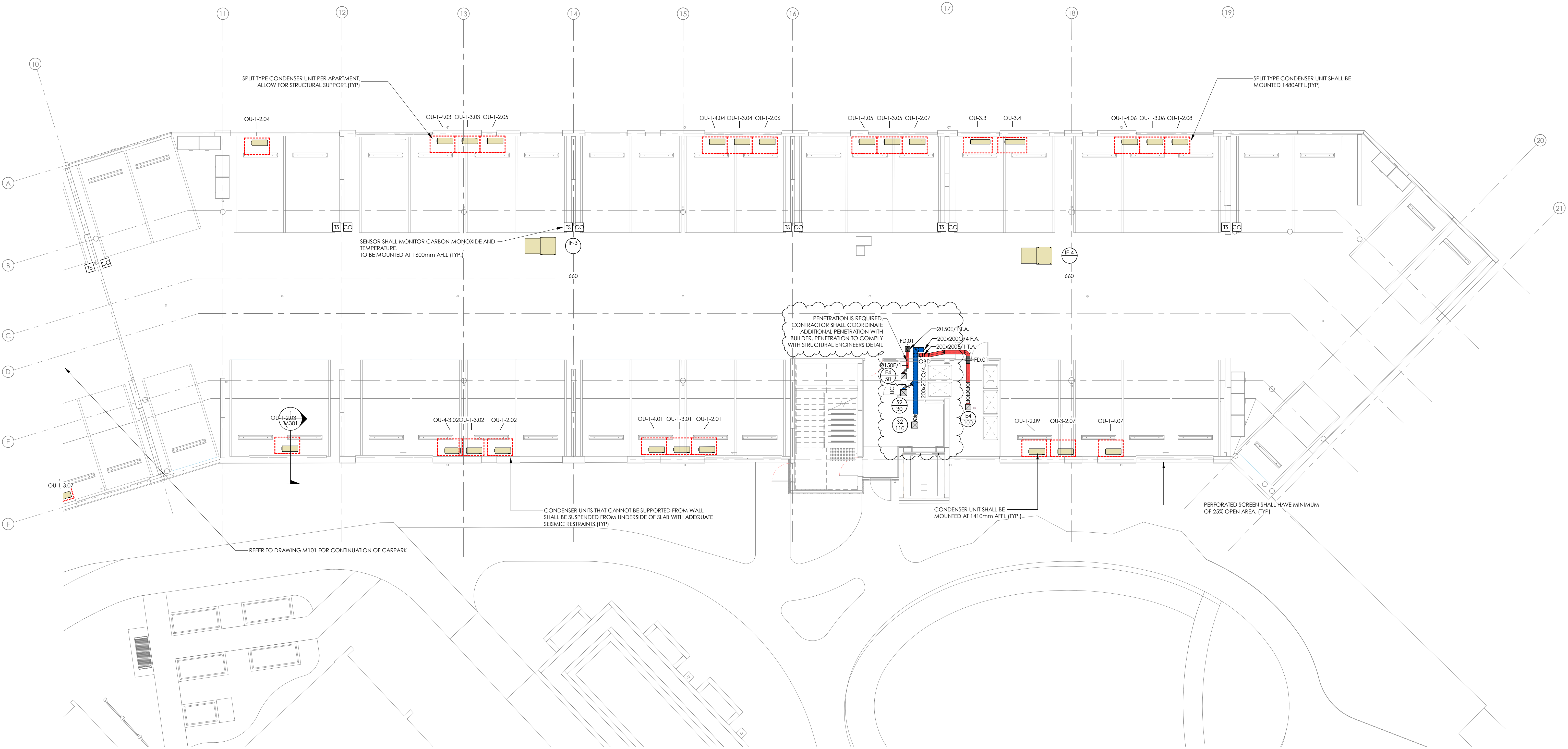
PROJECT No:  
**CA17016-5**

SHEET No:	ISSUE:
<b>M105</b>	<b>2</b>









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ORIGINAL DRAWINGS PRODUCED WITH COLOUR

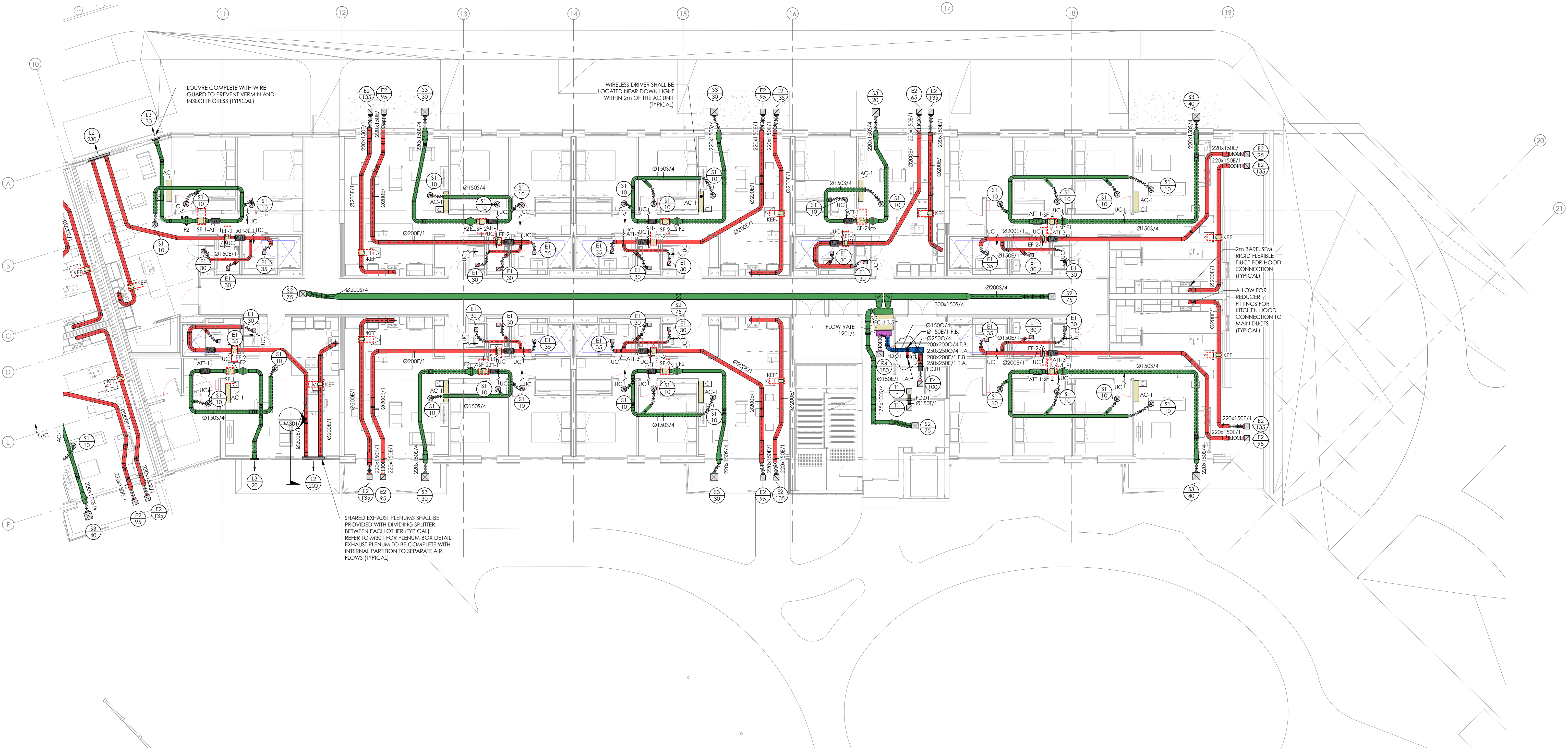


PROJECT  
METLIFECARE GULF RISE  
65 HIBISCUS COAST HIGHWAY,  
RED BEACH  
BUILDING 5

SHEET TITLE  
HVAC DUCTWORK LAYOUT -  
ZONE B - LEVEL 01

CONSTRUCTION			
DESIGNED:	DRAWN:	SCALE @ A1:	DATE:
SR	AS	1 : 100	21.12.23
PROJECT No:		CA17016-5	
SHEET No:		M111	2





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ORIGINAL DRAWINGS PRODUCED WITH COLOUR



PROJECT

METLIFECARE GULF RISE  
65 HIBISCUS COAST HIGHWAY,  
RED BEACH  
BUILDING 5

SHEET TITLE:

HVAC DUCTWORK LAYOUT -  
ZONE B - LEVEL 02

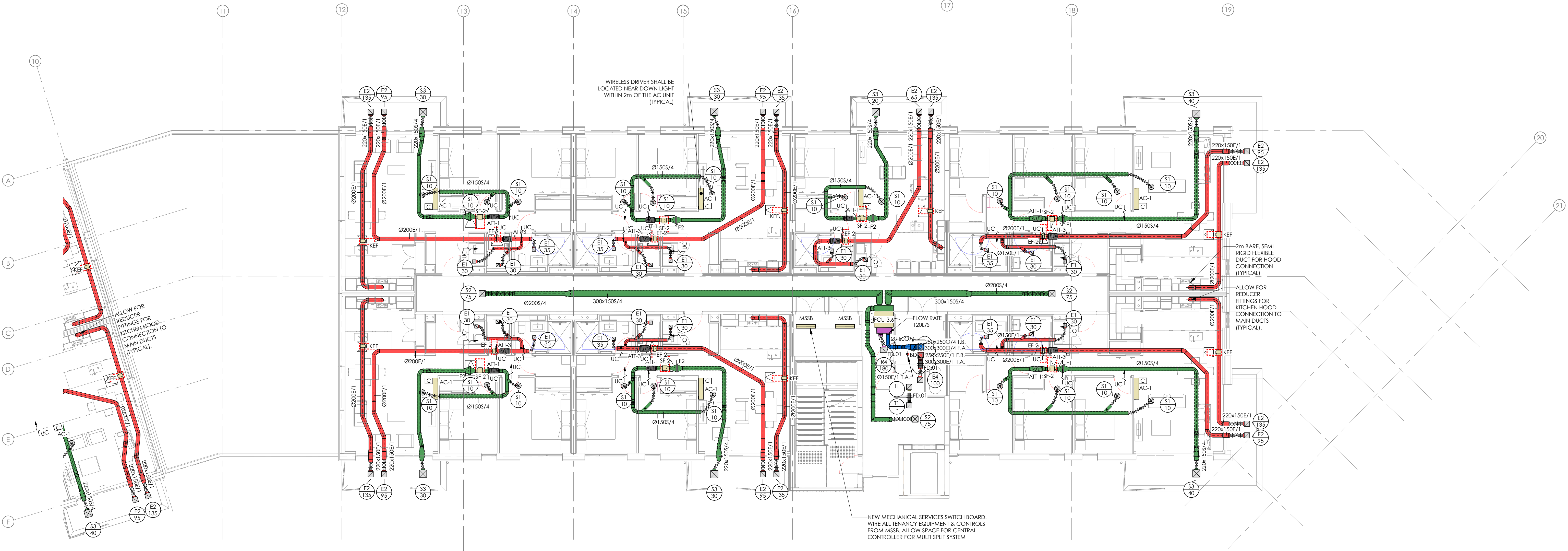
CONSTRUCTION

DESIGNED:	DRAWN:	SCALE @ A1:	DATE:
SR	AS	1 : 100	21.12.23

PROJECT No: CA17016-5

SHEET No: M112  
ISSUE: 2





NOTES:

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ORIGINAL DRAWINGS PRODUCED WITH COLOUR



PROJECT

METLIFECARE GULF RISE  
65 HIBISCUS COAST HIGHWAY,  
RED BEACH  
BUILDING 5

SHEET TITLE

HVAC DUCTWORK LAYOUT -  
ZONE B - LEVEL 03

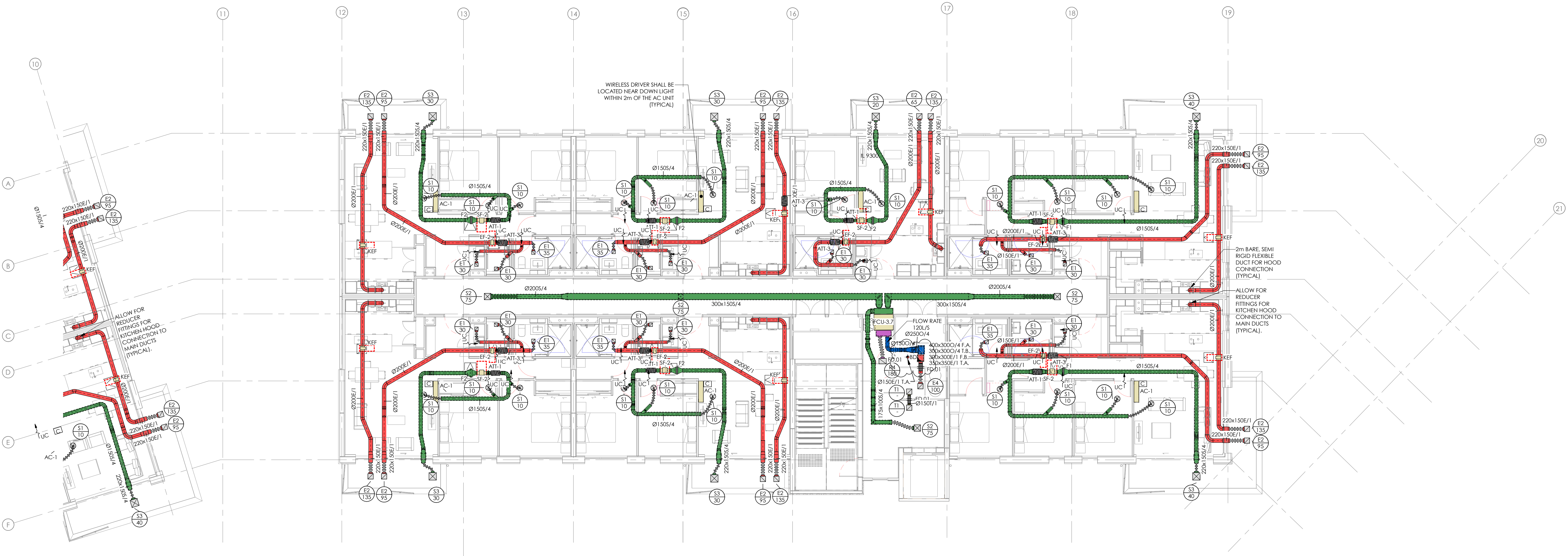
CONSTRUCTION

DESIGNED:	DRAWN:	SCALE @ A1:	DATE:
SR	AS	1 : 100	21.12.23

PROJECT No: CA17016-5

SHEET No:	ISSUE:
M113	2





NOTES:

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ORIGINAL DRAWINGS PRODUCED WITH COLOUR



PROJECT

METLIFECARE GULF RISE  
65 HIBISCUS COAST HIGHWAY,  
RED BEACH  
BUILDING 5

SHEET TITLE

HVAC DUCTWORK LAYOUT -  
ZONE B - LEVEL 04

CONSTRUCTION

DESIGNED:	DRAWN:	SCALE @ A1:	DATE:
SR	AS	1 : 100	21.12.23

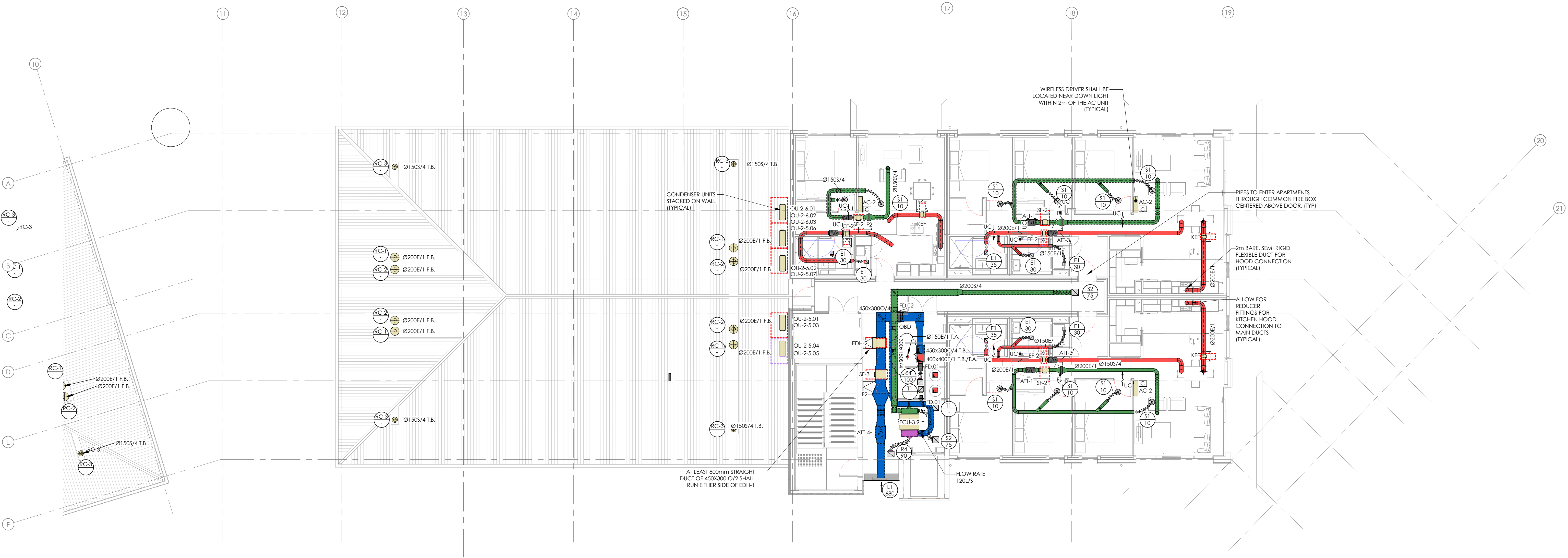
PROJECT No: CA17016-5

SHEET No:	ISSUE:
M114	2









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ORIGINAL DRAWINGS PRODUCED WITH COLOUR



PROJECT

METLIFECARE GULF RISE  
65 HIBISCUS COAST HIGHWAY,  
RED BEACH  
BUILDING 5

SHEET TITLE:

HVAC DUCTWORK LAYOUT -  
ZONE B - LEVEL 06

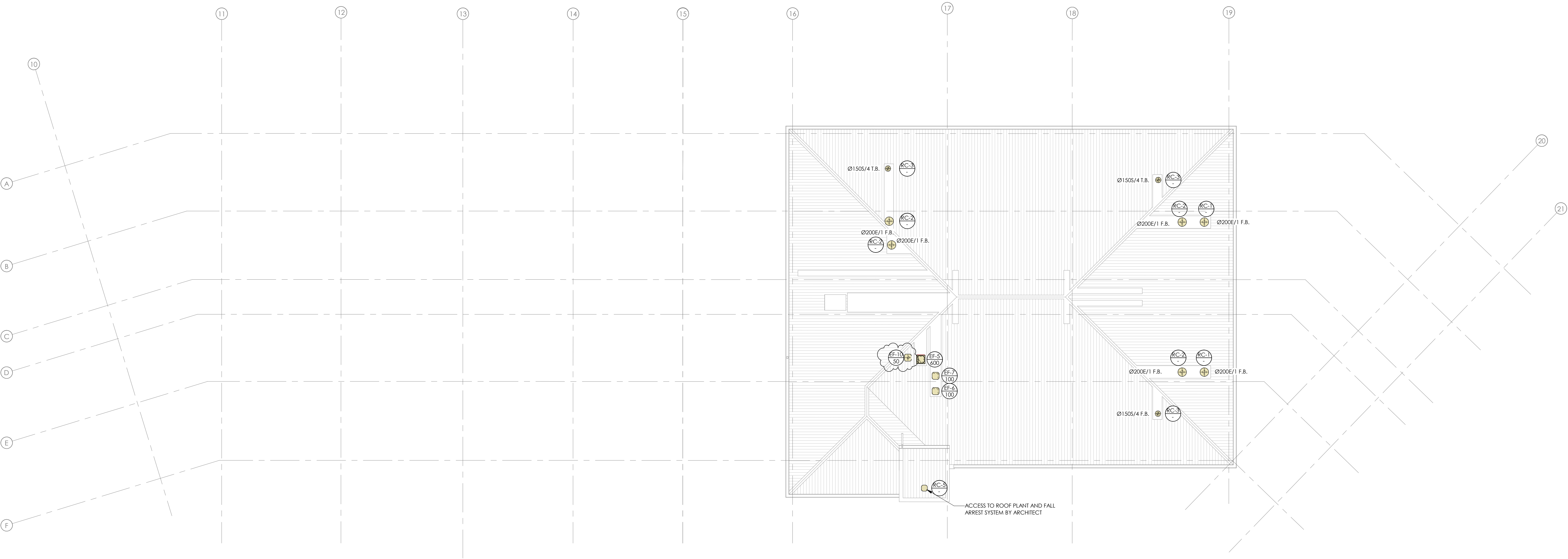
CONSTRUCTION

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PROJECT No: CA17016-5

SHEET No:	ISSUE:
M116	2





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12. OUTDOOR CONDENSER UNITS ARE TO BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS, INSTALLATION TO BE OPEN TO ATMOSPHERE AND MOUNTED MINIMUM 500mm OFF UNDERSIDE OF SLAB, 100mm OFF WALL, MINIMUM OF 500mm CLEAR BESIDE UNITS FOR MAINTENANCE.
13. CONTRACTOR TO VERIFY FINAL REFRIGERANT PIPE LENGTHS ARE WITHIN OUTDOOR UNITS LIMITS BEFORE INSTALLATION, CONSULTANT TO BE NOTIFIED OTHERWISE, CONTRACTOR TO ALLOW CONDENSATES FROM STACKED/WALL MOUNTED UNITS TO BE COMBINED AND RUN NEATLY TO NEAREST GARDEN BED / CHANNEL DRAIN.
14. ALL PENETRATIONS THROUGH THE BUILDING ENVELOPE ARE TO BE SEALED AND WEATHERPROOFED.
15. OVER FLASHINGS TO BE INSTALLED TO ALL ROOF PENETRATIONS BY MECHANICAL CONTRACTOR.
16. ALL MECHANICAL SERVICES ARE TO BE SEISMICALLY RESTRAINED IN ACCORDANCE WITH NZS4219:2009.

2	CONSTRUCTION ISSUE	21.12.23
1	CONSTRUCTION ISSUE	16.03.23
ISSUE	AMENDMENT	DATE

CHECK ALL INFORMATION ON SITE PRIOR TO COMMENCING WORK. READ IN CONJUNCTION WITH THE SPECIFICATION AND OTHER RELEVANT DRAWINGS AND DOCUMENTS

ORIGINAL DRAWINGS PRODUCED WITH COLOUR



PROJECT

METLIFECARE GULF RISE  
65 HIBISCUS COAST HIGHWAY,  
RED BEACH  
BUILDING 5

SHEET TITLE:

HVAC DUCTWORK LAYOUT -  
ZONE B - LAYOUT ROOF

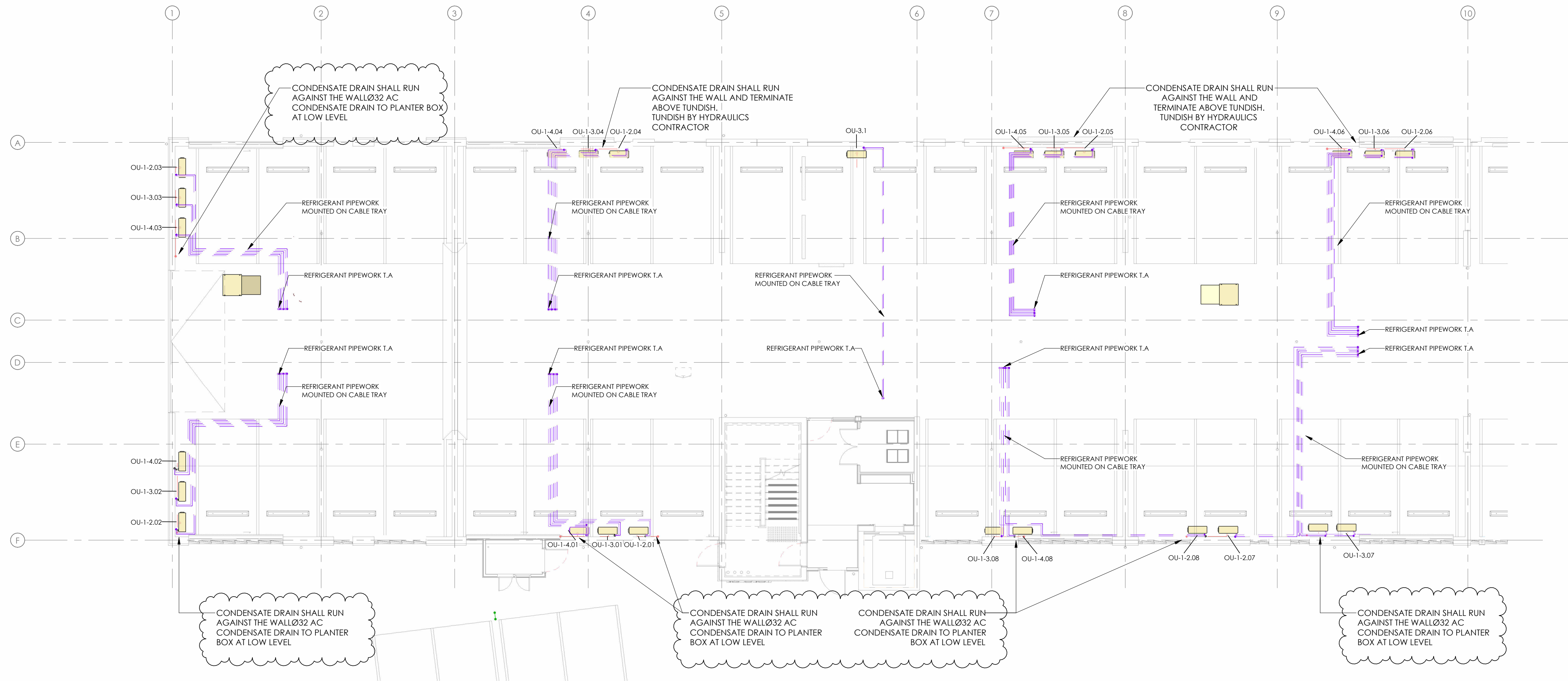
CONSTRUCTION

DESIGNED:	DRAWN:	SCALE @ A1:	DATE:
SR	AS	1 : 100	21.12.23

PROJECT No:  
**CA17016-5**

SHEET No: <b>M117</b>	ISSUE: <b>2</b>
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2	CONSTRUCTION ISSUE	22.08.23
1	CONSTRUCTION ISSUE	16.03.23
D	TENDER ISSUE	14.05.22
C	CONSIST TENDER ISSUE	20.12.21
B	50% DETAILED DESIGN ISSUE	12.11.21
ISSUE	AMENDMENT	DATE

CHECK ALL INFORMATION ON SITE PRIOR TO COMMENCING WORK. READ IN CONJUNCTION WITH THE SPECIFICATION AND OTHER RELEVANT DRAWINGS AND DOCUMENTS

ORIGINAL DRAWINGS PRODUCED WITH COLOUR



PROJECT  
METLIFECARE GULF RISE  
65 HIBISCUS COAST HIGHWAY,  
RED BEACH  
BUILDING 5

SHEET TITLE:  
HVAC PIPEWORK & CONTROLS  
LAYOUT - ZONE A - LEVEL 01

CONSTRUCTION			
DESIGNED:	DRAWN:	SCALE @ A1:	DATE:
SR	AS	1 : 100	22.08.23
PROJECT No: CA17016-5			
SHEET No: M201		ISSUE: 2	