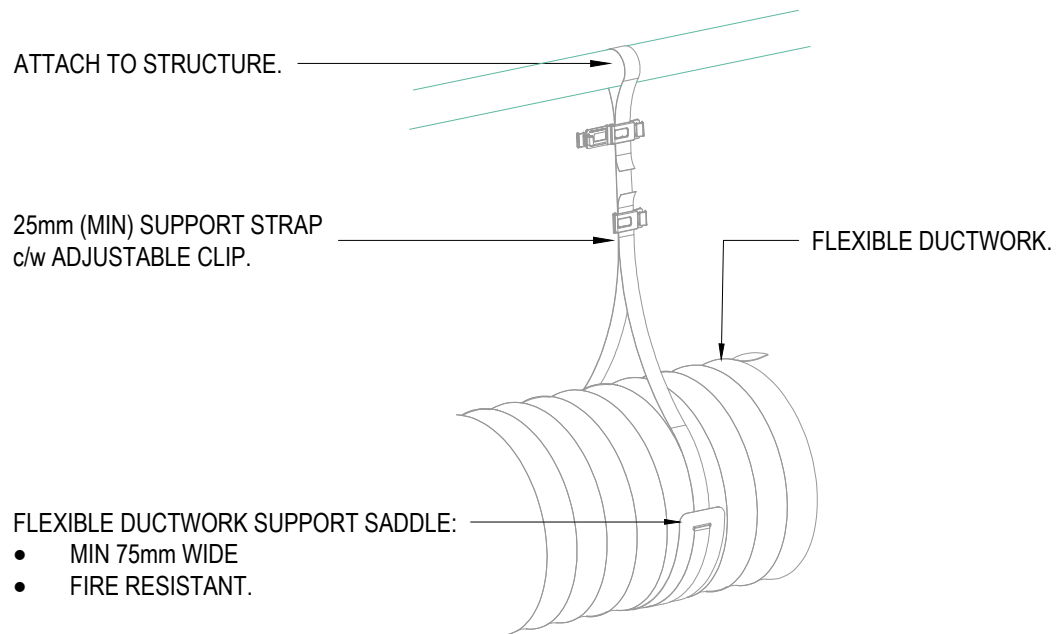
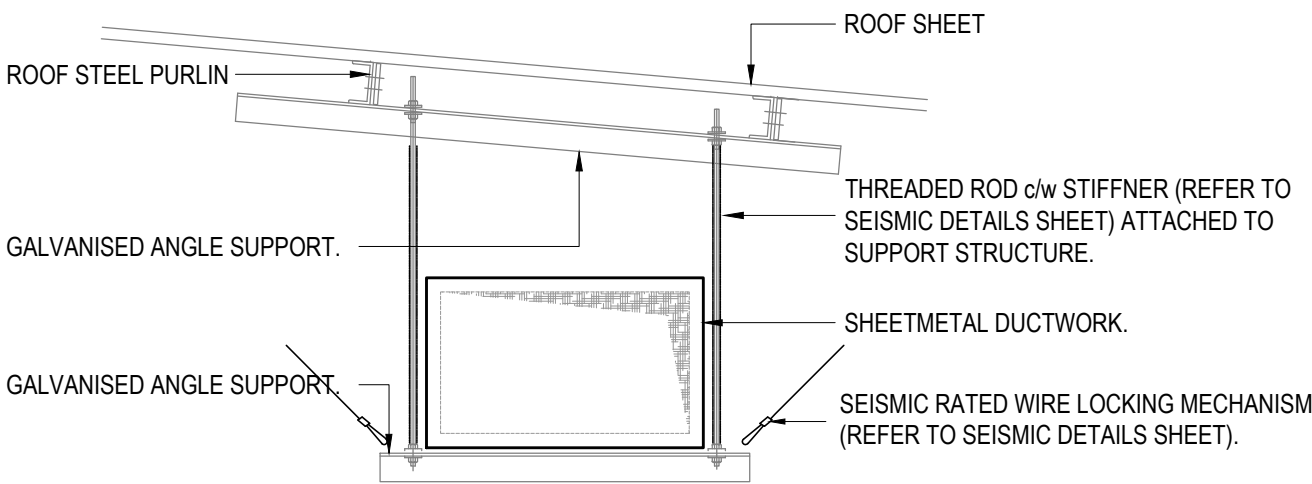


REFRIGERANT PIPEWORK INSTALLATION DETAIL  
NOT TO SCALE

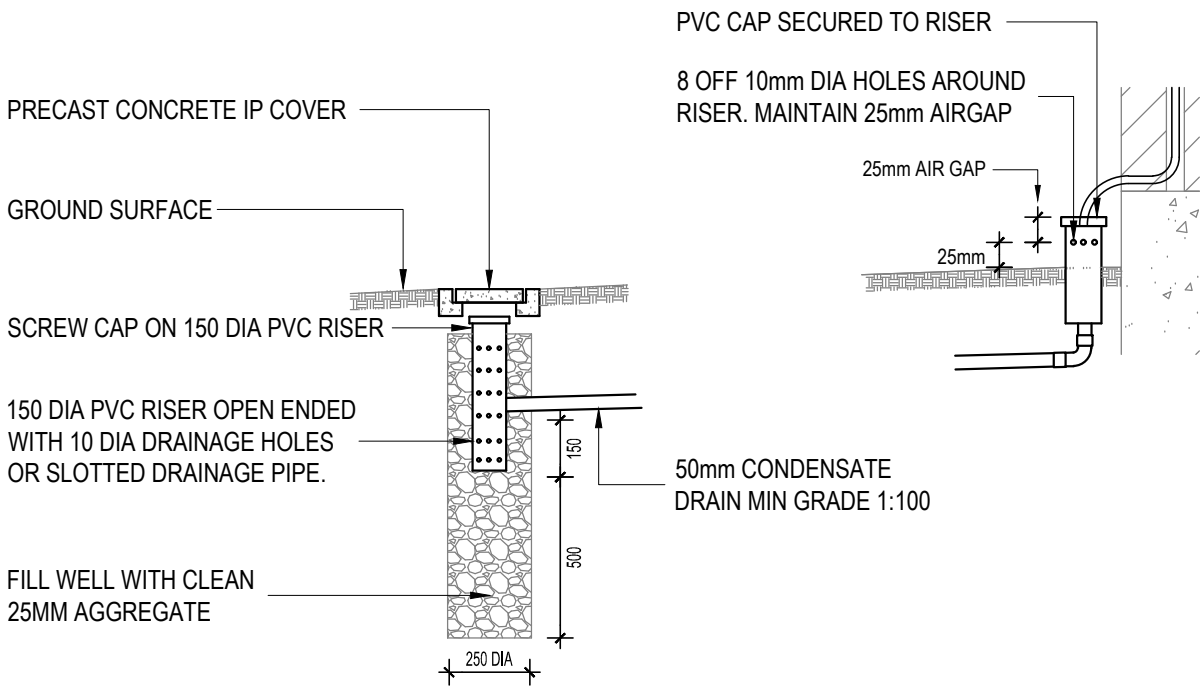


FLEXIBLE DUCT MOUNTING DETAIL  
NOT TO SCALE

NB: FLEXIBLE DUCTWORK SUPPORT SPACING IS TO BE 1.5m (MAX).

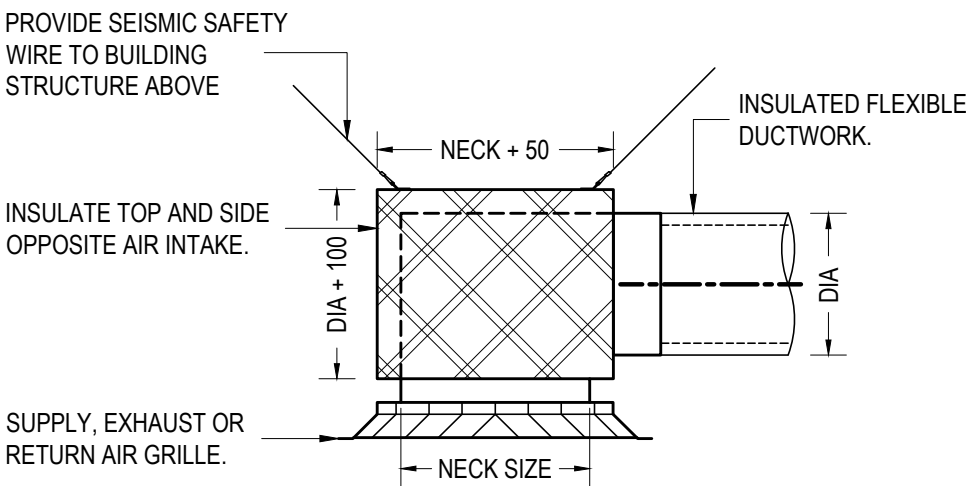


SHEETMETAL DUCT INSTALLATION DETAIL  
NOT TO SCALE

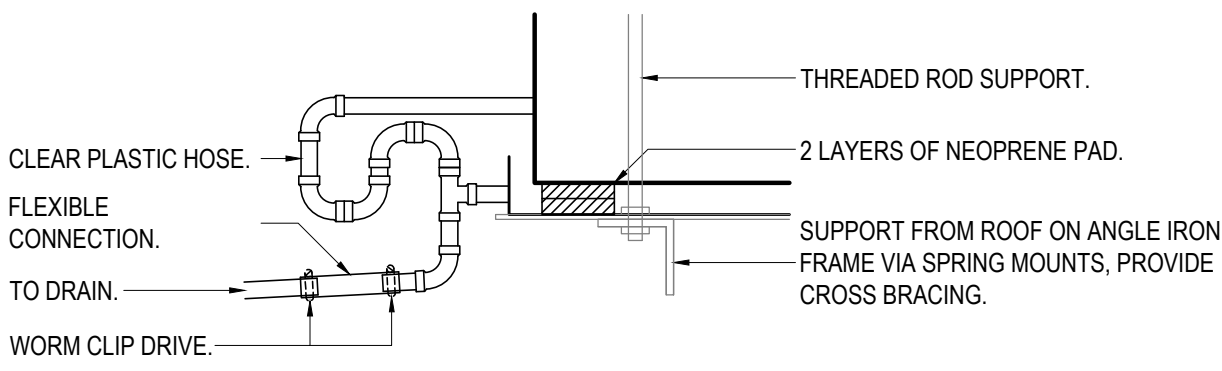


SOAKAGE PIT DETAIL  
NOT TO SCALE

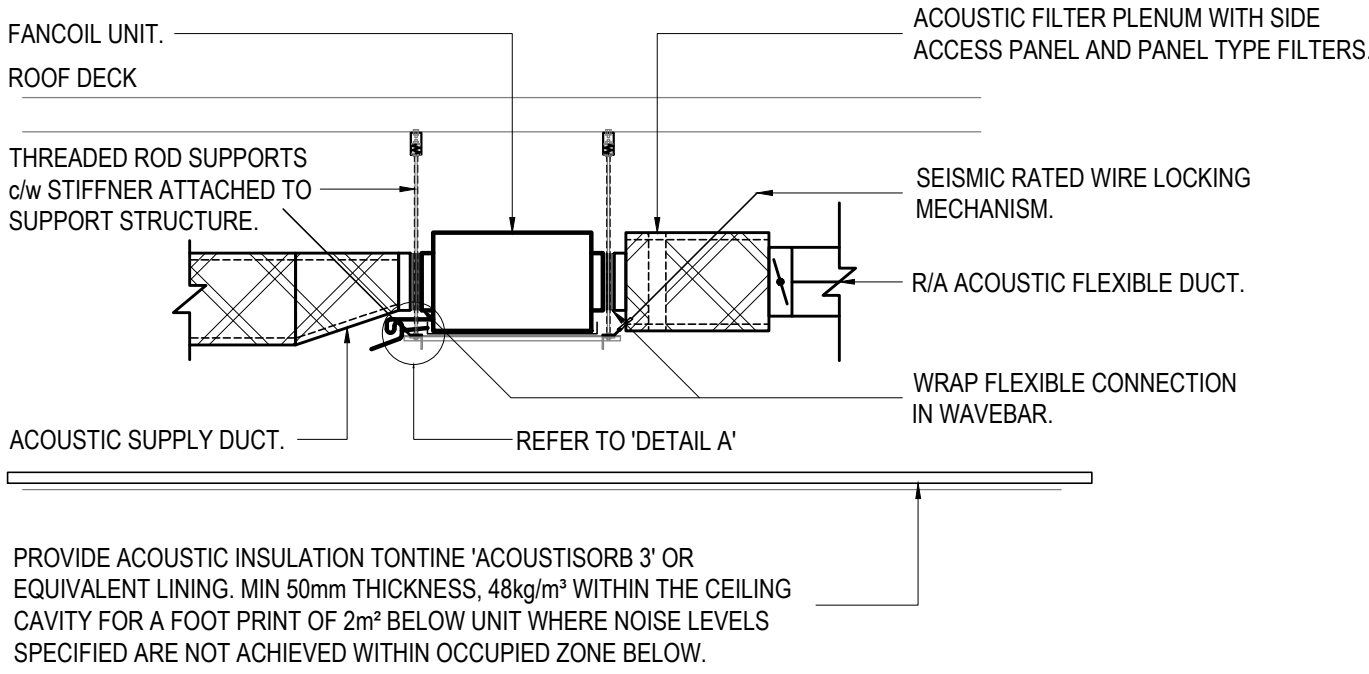
NB: MINIMUM 3000mm FROM ANY STRUCTURE.



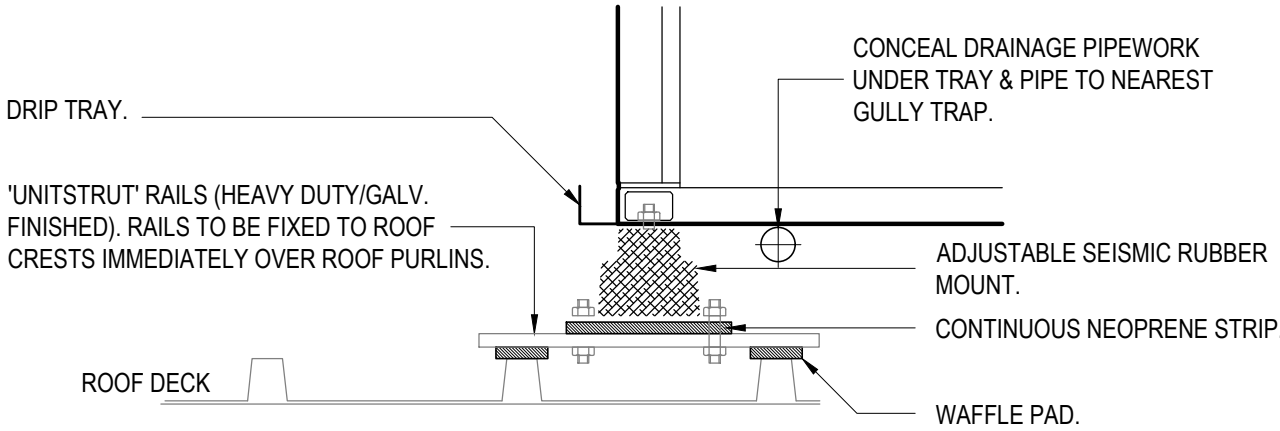
CUSHION HEAD BOX DETAIL  
NOT TO SCALE



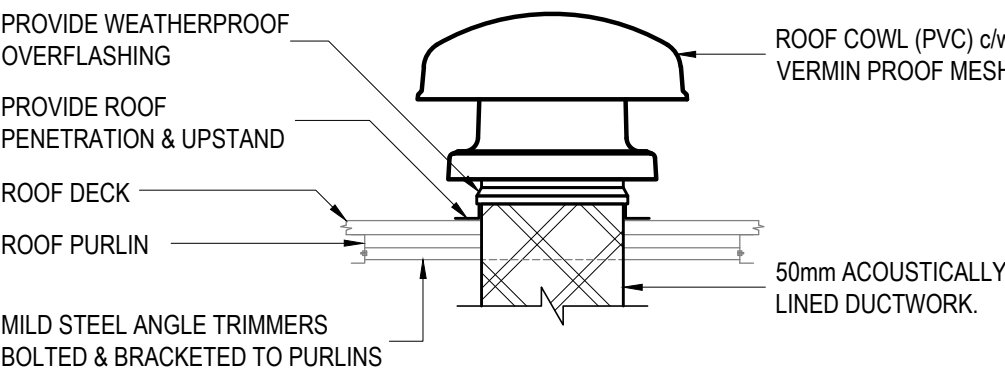
DETAIL A  
NOT TO SCALE



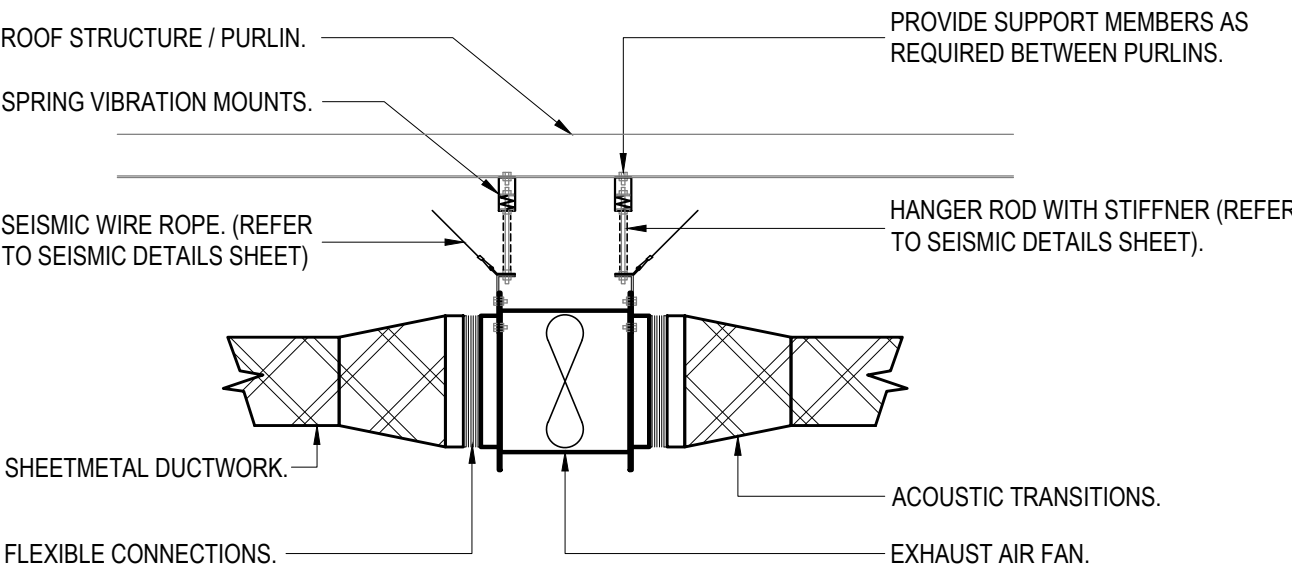
TYPICAL DUCTED SPLIT A/C UNIT INSTALLATION  
NOT TO SCALE



CONDENSER MOUNTING DETAIL (SPLIT UNITS)  
NOT TO SCALE

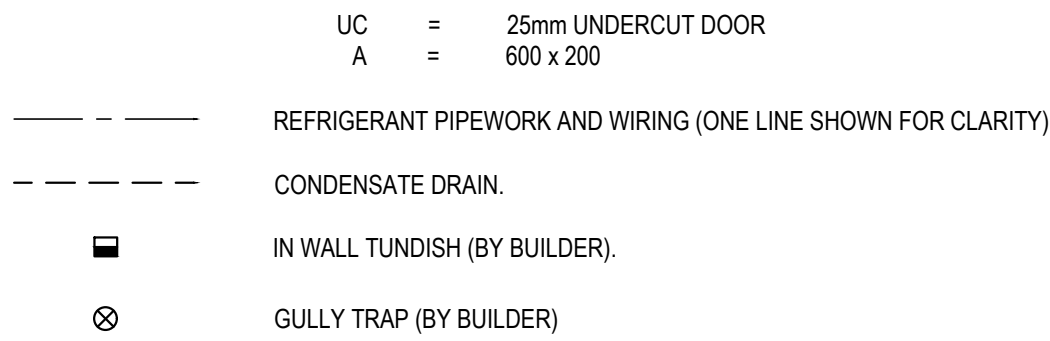
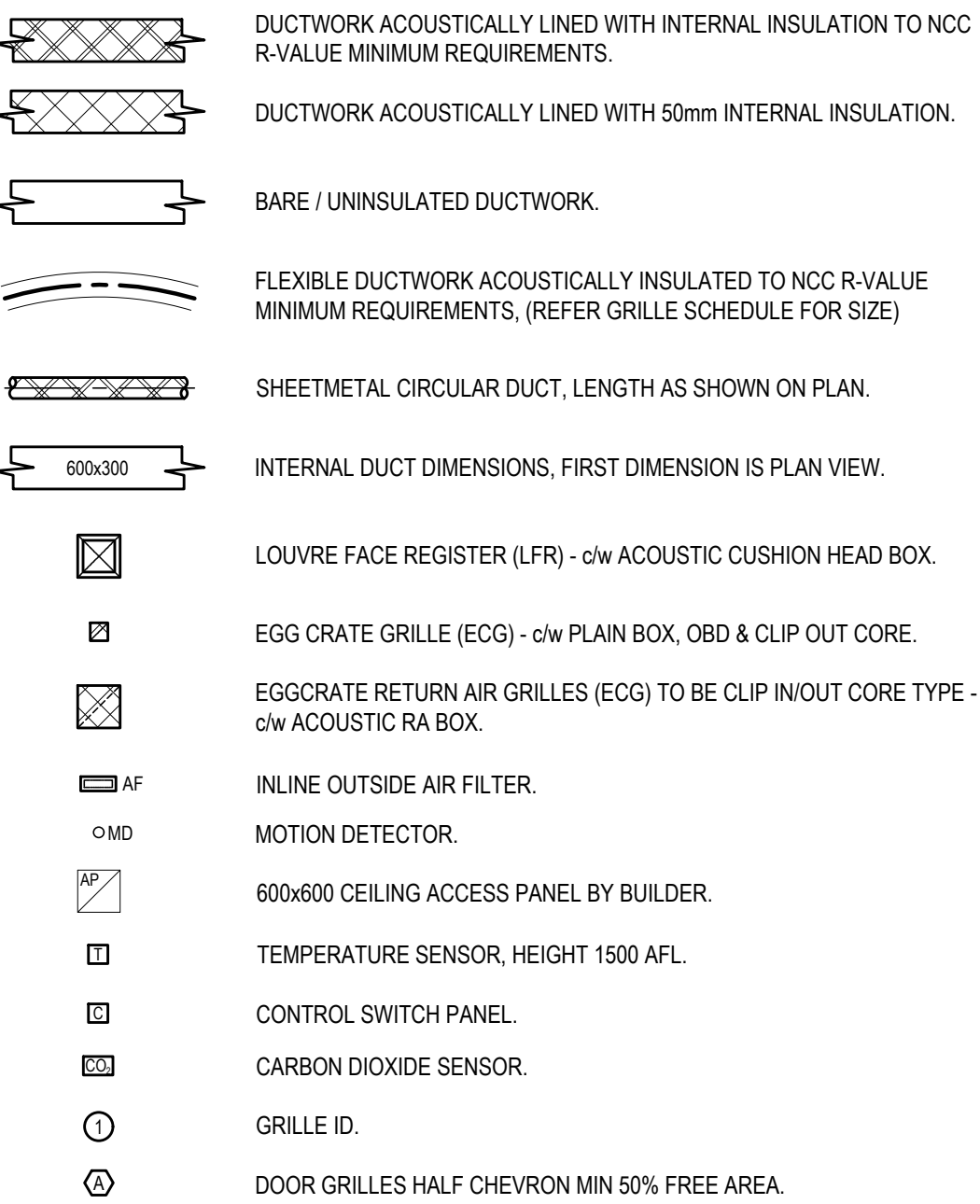


ROOF MOUNTED COWL/FAN DETAIL  
NOT TO SCALE



TYPICAL INSTALLATION OF INLINE FAN  
NOT TO SCALE

## LEGEND



## DESIGNATIONS:

ACC	AIR COOLED CONDENSER.
FCU	FAN COIL UNIT.
TEF	TOILET EXHAUST FAN.
GEF	GENERAL EXHAUST FAN.
LEF	LIFT EXHAUST FAN.
CPEF	CAR PARK EXHAUST FAN.
OAC	OUTSIDE AIR COWL.
WPL	WEATHERPROOF LOUVRE.
SSD	STREAM SPLITTER DAMPER
OBD	OPPOSED BLADE DAMPER.
AF	AIR FILTER.
RH	RANGEHOOD.

## GENERAL NOTES

- ACCESS PANELS TO BE SUITABLE SIZE FOR EQUIPMENT SERVICING & DAMPER ADJUSTMENT AND SHALL BE CO-ORDINATED WITH ALL TRADES WITH FINAL LOCATIONS APPROVED BY THE ARCHITECT.
- PROVIDE MICRO TRAFFOLYTE LABELS TO T-BAR CEILING TILE GRID or ACCESS PANELS WHERE ACCESS REQUIRED. TO INDICATE LOCATION OF ASSOCIATED EQUIPMENT SERVICES ITEMS CONCEALED IN CEILING SPACE ABOVE. NOMINATE UNIT DESIGNATION ON LABEL EG "OAF-01 ACCESS".
- CONFIRM ALL DIMENSIONS ON SITE PRIOR TO THE MANUFACTURE OF ANY DUCTWORK AND INSTALLATION OF EQUIPMENT.
- ALL DUCT SIZES SHOWN ARE INTERNAL DIMENSIONS.
- MECHANICAL DRAWINGS TO BE READ IN CONJUNCTION AND CO-ORDINATED WITH ALL OTHER SERVICES DOCUMENTS, ARCHITECTURAL DRAWINGS AND MECHANICAL SPECIFICATION.
- ENSURE A 150mm LIGHTING ZONE IS PROVIDED BENEATH ALL EQUIPMENT & HARD DUCTWORK.
- ENSURE ALL EQUIPMENT DUCTWORK & FITTINGS CAN BE ACCOMMODATED IN THE SPACE ALLOCATED & BE EASILY MAINTAINED TO MANUFACTURERS RECOMMENDATIONS.
- THE CONTRACTOR IS TO MAKE ALL DUE ALLOWANCE TO COMPLETE THE PROJECT TO THE SATISFACTION OF THE PRINCIPAL.
- ALL SERVICES ARE TO BE CONCEALED UNLESS OTHERWISE STATED.
- FLEXIBLE DUCTWORK TO BE ACOUSTIC AND FIRE RESISTANT.
- THERMOSTATS / SENSORS TO BE MOUNTED 1500 AFL UNLESS NOTED OTHERWISE. FINAL LOCATIONS TO BE APPROVED BY THE PRINCIPAL ON SITE.
- PAINT INTERNAL SURFACES OF REGISTER BOXES AND RETURN AIR BOXES/DUCTS WITH MATT BLACK.
- REFRIGERANT PIPEWORK INSULATION TO NCC R-VALUE R1.2 MINIMUM TO BE CLOSED CELL NITRATE AND FIRE RATED. PROVIDE COLOURBOND CAPPING TO ALL EXPOSED PIPEWORK & INSULATION.
- DO NOT SCALE OFF DRAWINGS - MODIFICATIONS TO DOCUMENTATION CANNOT BE MADE WITHOUT WRITTEN APPROVAL FROM SECON CONSULTING ENGINEERS.
- ROOF COWLS TO BE METAL FINISH IN FIRE RISK AREAS.
- FIT SAFETY DRAIN TRAYS UNDER ALL DUCTED FAN COIL UNITS & ALL CONDENSING UNITS IF DRAIN TRAY KITS ARE NOT AVAILABLE AS A STANDARD ITEM.
- ALL RETURN AIR PLENUMS TO HAVE 100mm DISPOSABLE FILTERS WITH HINGED OPENING FOR SLIDE OUT FILTERBANK.
- ALL REQUIRED PENETRATIONS TO BE PROVIDED BY THE MECHANICAL CONTRACTOR; UNLESS OTHERWISE NOTED.
- ANY DISCREPANCY OR OMISSIONS BETWEEN THE DRAWINGS AND SPECIFICATIONS SHALL BE ADDRESSED TO SECON FOR CLARIFICATION PRIOR TO CLOSE OF TENDER.
- INFORMATION PROVIDED ON THE DRAWINGS SHALL BE READ AS DIAGRAMMATIC ONLY, WITH FINAL SPATIAL REQUIREMENTS TO BE CHECKED AND CONFIRMED FOR SUITABILITY BY THE MECHANICAL CONTRACTOR

1	22-06-18	BUILDING RULES CONSENT		TB	
0	18-05-18	BUILDING RULES CONSENT		TB	
Rev	Date	Issue Description			By
Project					
PROPOSED COMMERCIAL DEVELOPMENT					
97 KING WILLIAM STREET					
KENT TOWN					
Title					
MECHANICAL SERVICES					
HVAC - LEGEND & DETAILS SHEET					
Architect					
<div>ANTHONYDONATOARCHITECTS</div> <div>Suite 5/59 Fullarton Road   Kent Town SA 5087 t: 08 8364 6888   f: 08 8364 5355   www.adarchitects.com.au</div>					
<div>SECON</div> <div>consulting engineers</div> <div>466 PULTENEY STREET ADELAIDE SOUTH AUSTRALIA 5000</div> <div>TEL: 08 8223 7800 engineers@secon.net.au A.B.N. 30 613 300 299 A.C.N. 613 300 299</div>					
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<div>North</div> 	DRAWN	TB	CHECKED	AB	
	ENG	SMC	Q.A.	AB	
	DATE	MAR 18	SCALE	1:100 @ A1	
			SHEET	4 of 4	
DRAWING No.			B8014-M04		
PLOT DATE: 22/06/2018		Size:	A1	Rev.	1

## BUILDING RULES

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