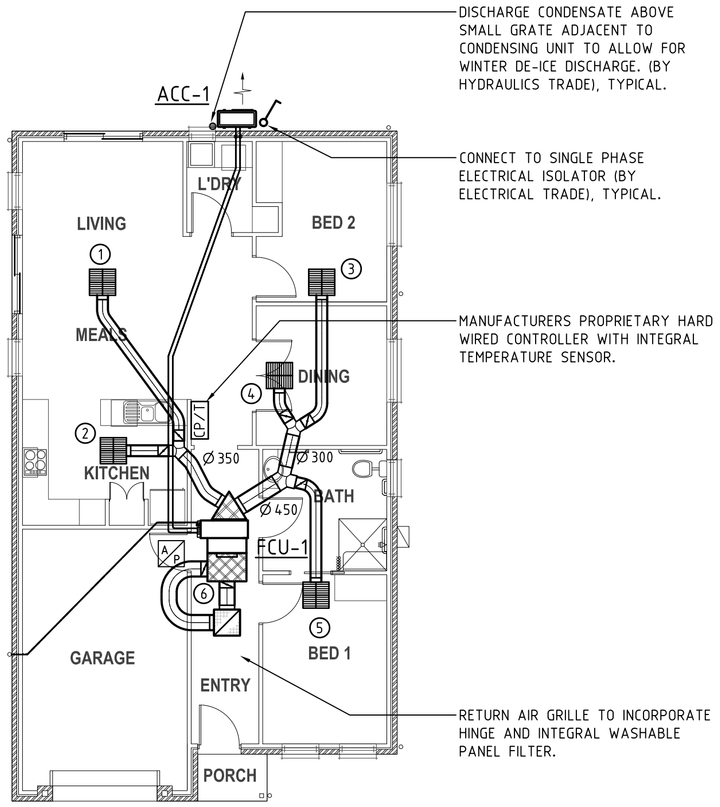
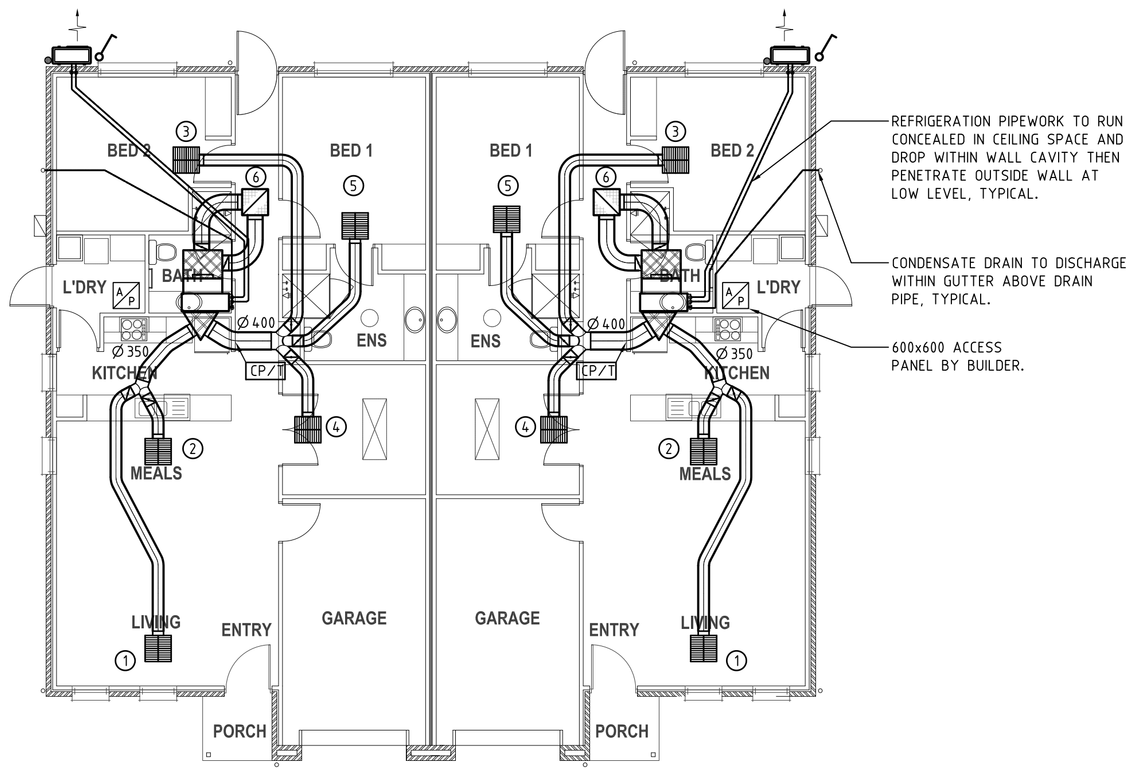


UNIT TYPE A

SCALE 1:100



UNIT TYPE C

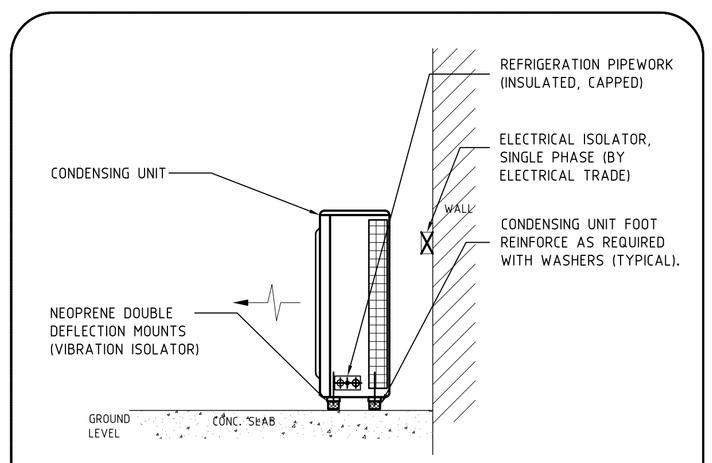
SCALE 1:100

GRILLE SCHEDULE

NUMBER	TYPE	FLOW L/S	NECK / FACE	CONTROL	FLEX Ø
1	MDO	160	300/600	BD	300
2	MDO	100	300/600	BD	250
3	MDO	100	225/600	BD	250
4	MDO	100	225/600	BD	250
5	MDO	130	300/600	BD	250
6	RAG	590	-	BD	350x2

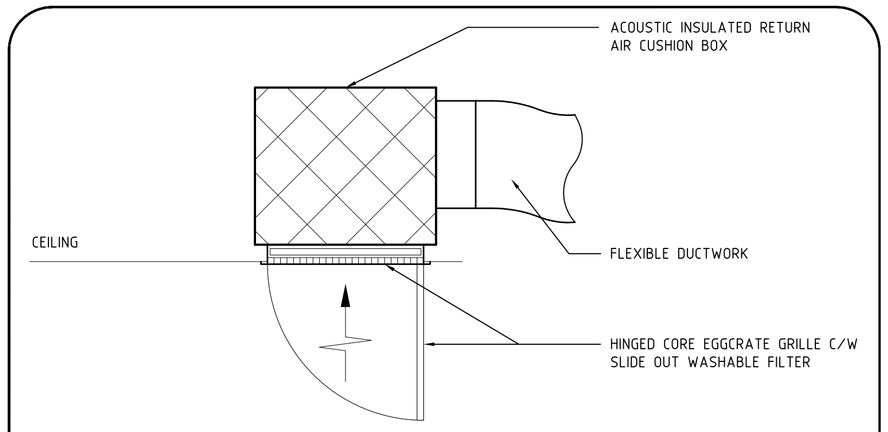
GENERAL NOTES

1. THE MECHANICAL SERVICES DRAWINGS SHALL BE READ IN CONJUNCTION WITH ARCHITECTURAL DRAWINGS, DETAILS AND OTHER ENGINEERING DRAWINGS AND SPECIFICATION AND WITH OTHER SUCH WRITTEN INSTRUCTIONS AS MAY BE ISSUED DURING THE COURSE OF THE CONTRACT.
2. IF ANY DISCREPANCY OCCURS ON THE ENGINEERS DRAWINGS OR BETWEEN DRAWING AND SPECIFICATION, THE CONTRACTOR SHALL DURING TENDERING ASSUME THE LARGER/GREATER. ANY DISCREPANCY SHALL BE REFERRED TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK.
3. SUBSTITUTIONS MUST BE APPROVED BY THE ENGINEER AND BE INCLUDED IN ANY TENDER.
4. UNLESS NOTED OTHERWISE ALL DIMENSIONS ARE IN MILLIMETRES. ALL DUCTWORK SIZES SHOWN ARE CLEAR INTERNAL DIMENSIONS ONLY.
5. ALL WORKMANSHIP AND MATERIALS SHALL CONFORM TO THE RELEVANT AUSTRALIAN STANDARDS, CODES AND THE CONTRACT SPECIFICATION.
6. ALL DUCTWORK SHALL CONFORM TO THE STANDARDS OF THE SHEETMETAL AND AIR-CONDITIONING CONTRACTORS NATIONAL ASSOCIATION (S.M.A.C.N.A.) WITH ALL INTERNAL LINING TO COMPLY WITH AS.4254.
7. ALL ROUTES, INCLUDING CONDENSATE & REFRIGERATION PIPEWORK ARE SHOWN INDICATIVE & ARE FOR PRICING PURPOSES ONLY. FINAL ROUTES ARE TO BE CONFIRMED & COORDINATED ON SITE WITH ALL OTHER TRADES PRIOR TO INSTALLATION.
8. DO NOT SCALE OFF DRAWINGS, ALL DIMENSIONS SHALL BE VERIFIED FROM THE ARCHITECTS DRAWINGS AND BY ACTUAL SITE MEASUREMENTS PRIOR TO MANUFACTURING AND INSTALLING MECHANICAL SERVICES.
9. THE MECHANICAL TRADE SHALL BE RESPONSIBLE FOR SETTING OUT OF HIS WORKS BY CO-ORDINATING WITH ALL ASSOCIATED TRADES AND SERVICES.
10. ALL ROOF, WALL, CEILING AND FLOOR PENETRATIONS AS REQUIRED SHALL BE PROVIDED BY THE BUILDER. UPSTAND AND OVERFLASHING SHALL BE PROVIDED BY THE MECHANICAL TRADE.
11. ALL EXPOSED REFRIGERATION PIPEWORK & CONTROL/POWER CABLING TO BE ENCASED WITHIN 'INABO' OR APPROVED PROPRIETORY TYPE COVERING PAINTED TO MATCH THE ADJACENT BUILDING SURFACE.



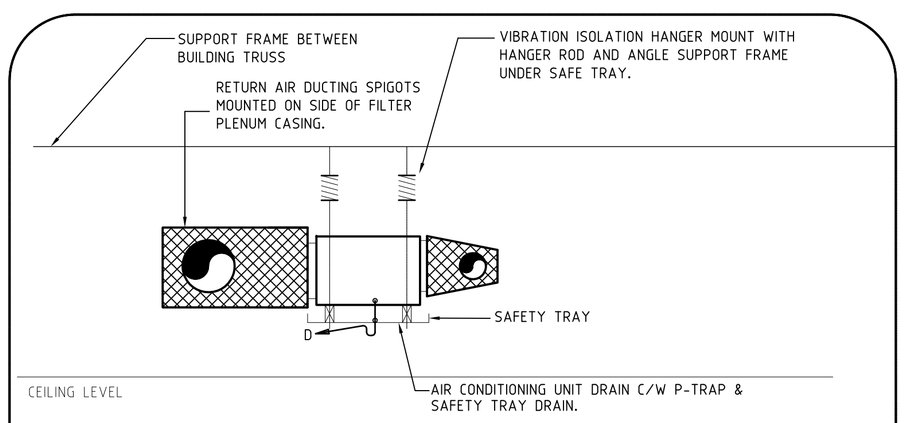
CONDENSING UNIT MOUNTING DETAIL - HORIZONTAL DISCHARGE

N.T.S



TYPICAL RETURN AIR GRILLE DETAIL

NTS



DETAIL - FAN COIL UNIT MOUNTING

NTS

LEGEND OF SYMBOLS

700x350	DUCT DIMENSIONING, VIEWED SURFACE IS THE FIRST DIMENSION.
	40mm ACOUSTIC INSULATED FLEXIBLE DUCTING.
	90 DEG. CIRCULAR BRANCH TAKE OFF WITH BUTTERFLY DAMPER
CP/T	AIR CONDITIONING CONTROL PANEL WITH INTEGRAL TEMPERATURE SENSOR MOUNTED 1500mm ABOVE FLOOR LEVEL. CONFIRM EXACT LOCATION WITH ARCHITECT
(12)	GRILLE REFERENCE NUMBER
	EGGCRATE TYPE RETURN AIR OR EXHAUST GRILLE. (SIZES AS SHOWN)
	SUPPLY AIR DIFFUSER 4 WAY BLOW
A/P	600x600 CEILING ACCESS PANEL. (BY BUILDER)
	BRANCH TAKE OFF
	PROPRIETARY BRANCH TAKE OFF (90°) (C/W BUTTERFLY BALANCING DAMPER)
	DIRECTION OF AIR FLOW
	REFRIGERANT PIPEWORK (INSULATED)
	DRAIN TO TUNDISH
RAG MDO	RETURN AIR GRILLE MULTI-DIRECTIONAL OUTLET

REV'N	DESCRIPTION	DATE	CHK'D
T1	TENDER ISSUE	21.05.09	CAT

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PROJECT

THORNDON PARK RETIREMENT VILLAGE
INDEPENDENT LIVING UNITS

DRAWING

AIR CONDITIONING ARRANGEMENT, DETAILS, LEGEND OF SYMBOLS & GRILLE SCHEDULE

MECHANICAL SERVICES

SCALE:	DATE		
AS SHOWN @ A1	MAY 2009		
	DESIGNED	DRAWN	No. IN SET
	KR	KR	1 OF 1
	DRAWING NUMBER		REVISION
	LCE3971-M01		T1

TENDER ISSUE

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