

**NOTES**

- ALL DUCTWORK PASSING THROUGH A FIRE COMPARTMENT SHALL BE PROVIDED WITH FIRE DAMPERS. REFER TO THE ARCHITECTS FIRE STRATEGY DRAWINGS FOR DETAILS OF FIRE COMPARTMENTATION LINES.
- ALL DUCTWORK SHALL BE IN ACCORDANCE WITH DW/144 SPECIFICATION FOR SHEET METAL DUCTWORK AND THE SUPERSEDING DOCUMENT 3RD EDITION BESA 2016.
- ALL GRILLES/LOUVRES SHALL BE PROVIDED WITH PLENUM BOXES.
- EXTRACT GRILLES WITHIN THE CEILING SHALL FORM THE RETURN AIR PATH INTO THE PLENUM CEILING SERVING THE EXTRACT VENTILATION SYSTEM.
- REFER TO THE MLM EQUIPMENT SCHEDULES FOR DETAILS OF ALL FANS, ATTENUATORS, GRILLES AND HEATING & COOLING EQUIPMENT.
- ALL DUCTWORK SHALL BE ADEQUATELY SUPPORTED IN LINE WITH DW/144 REQUIREMENTS.
- ACCESS PANELS, ACCESS DOORS AND INSPECTION COVERS SHALL BE INSTALLED TO ALL LINEAR DUCTWORK RUNS, FITTINGS AND CHANGES OF DIRECTIONS IN LINE WITH THE REQUIREMENTS OF DW/144.
- ALL SUPPLY DUCTWORK CONNECTIONS SERVING THE HEATING & COOLING FAN COIL UNITS SHALL BE INSTALLED WITHIN 500mm OF THE RETURN AIR INLET CONNECTION OF FAN COIL UNIT ABOVE THE CEILING VOID AND PROVIDED WITH A VOLUME CONTROL DAMPER TO ALLOW COMMISSIONING OF THE SYSTEM.
- FLEXIBLE DUCTING SHALL BE MINIMISED WHERE POSSIBLE AND NOT EXCEED 500mm IN LENGTH.

**CONSTRUCTION (DESIGN AND MANAGEMENT) REGULATIONS 2015 DESIGNERS RISK INFORMATION**

IN ACCORDANCE WITH THE CONSTRUCTION (DESIGN AND MANAGEMENT) REGULATIONS THE HAZARDS AND RISKS ASSOCIATED WITH CONSTRUCTING MAINTAINING AND CLEANING THE STRUCTURE HAVE BEEN ASSESSED.

THE DESIGN SOLUTION HAS MITIGATED THESE WHERE POSSIBLE, HOWEVER, RESIDUAL UNUSUAL HAZARDS OR RISKS IDENTIFIED HAVE BEEN RECORDED IN THE DESIGNERS RISK INFORMATION SPECIFIC TO THE PROJECT.

ASSUMPTIONS MADE ABOUT THE METHOD OF CONSTRUCTION, MAINTENANCE AND DEMOLITION HAVE BEEN STATED WHERE THESE FORM AN INTEGRAL PART OF MANAGING THE RISKS AND HAZARDS, HOWEVER, THIS DOES NOT RESTRICT THE CONTRACTOR TO THESE METHODS ALONE.

IT IS UNDERSTOOD THAT A COMPETENT CONTRACTOR WILL CARRY OUT CONSTRUCTION, MAINTENANCE AND DEMOLITION WORK IN ACCORDANCE WITH RECOGNISED GOOD INDUSTRY PRACTICE.

THE ABOVE NOTES REFER SPECIFICALLY TO THE INFORMATION SHOWN ON THIS DRAWING AS DESIGNERS.

PLEASE REFER TO THE DESIGNERS RISK INFORMATION FOR FURTHER CLARIFICATION AND THOSE RELEVANT TO OTHER DISCIPLINES.

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS', ARCHITECTS' AND SPECIALISTS' DRAWINGS AND THE SPECIFICATION.

DESIGN INFORMATION FROM OTHER DISCIPLINES SHOWN ON THIS DRAWING IS FOR COORDINATION PURPOSES ONLY.

DO NOT SCALE FROM THIS DRAWING MANUALLY OR ELECTRONICALLY. WRITTEN PERMISSION MUST BE OBTAINED FROM MLM PRIOR TO SCALING ELECTRONICALLY OR USING THIS ELECTRONIC FILE.

ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED.

**EXTERNAL REFERENCE INFORMATION**

Drg. Originator: Guy Holloway Architects

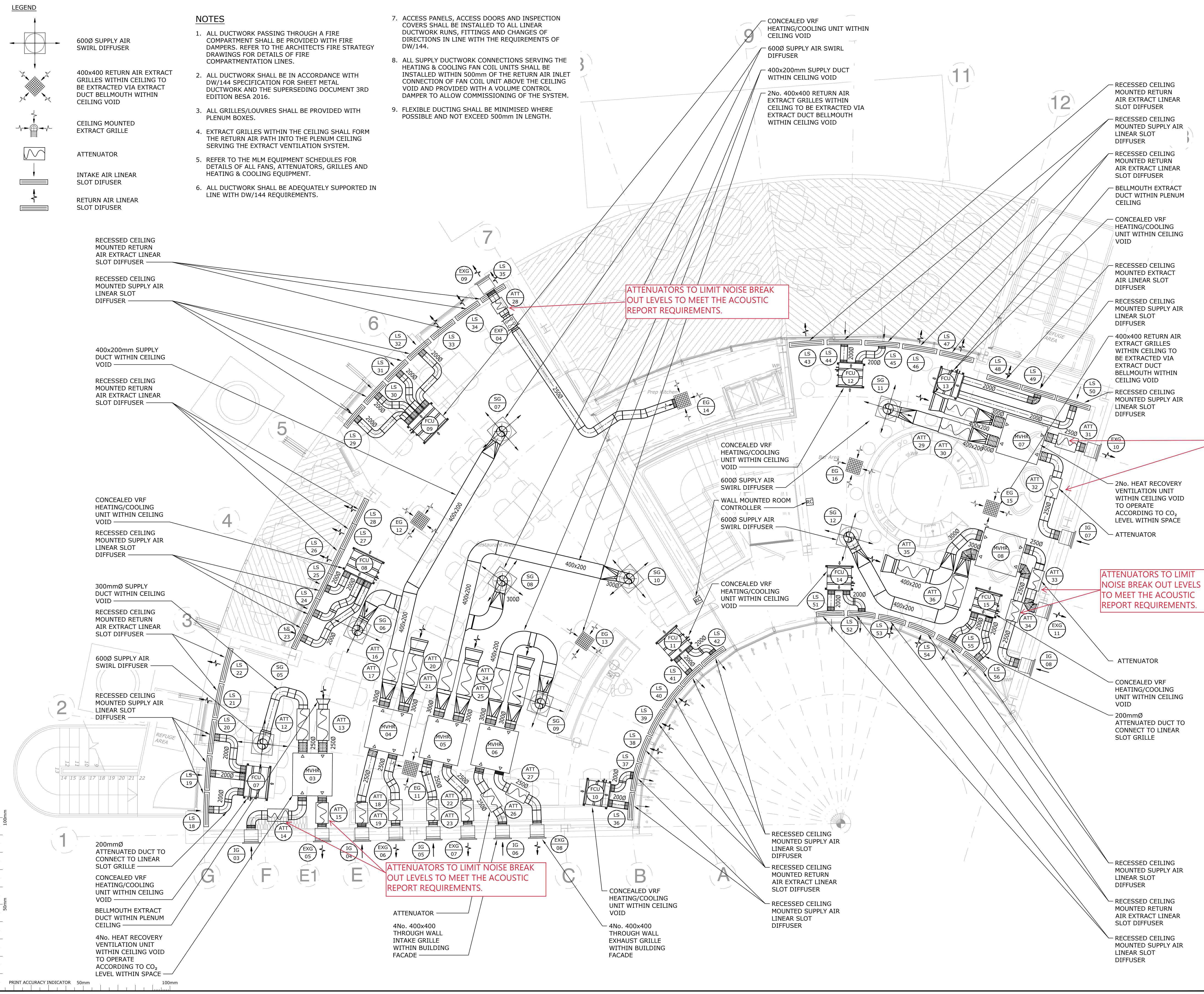
Drg. Reference: 18.49 Gin Distillery WIP

Date Received: 23.10.2018

**NOTES**

- DUCTWORK TO BE INSULATED WITH ROCKWOOL DUCTWRAP/DUCTSLAB, NOMINAL DENSITY 45 KG/M3, HAVING A FACTORY APPLIED REINFORCED ALUMINIUM FOIL FACING. JOINTS TO BE SECURELY TAPED WITH 75mm (MINIMUM) WIDE SOFT ALUMINIUM SELF-ADHESIVE TAPE. THE INSULATION ON THE UNDERSIDE OF THE DUCTING TO BE ADDITIONALLY SECURED BY SUITABLE INSULATION HANGERS AT 300mm CENTRES.

ATTENUATORS TO LIMIT NOISE BREAK OUT LEVELS TO MEET THE ACOUSTIC REPORT REQUIREMENTS.



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REV	DATE	REVISION	MADE	CHK	APP
CO1	14.11.2018	CONTRACT ISSUE	LJM	KJS	TW
PO3	24.10.2018	SERVICES UPDATED IN LINE WITH LATEST ARCHITECTURAL LAYOUTS	LJM	KJS	TW
PO2	18.09.2018	PRELIMINARY ISSUE	LJM	KJS	TW
PO1	17.09.2018	PRELIMINARY ISSUE	LJM	KJS	TW

**CONTRACT**

STATUS: SUITABLE FOR

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Website: www.mlmgroupp.com

CLIENT: CHAPEL DOWN PLC

PROJECT: CHAPEL DOWN GIN BAR AND DISTILLERY

DRAWING TITLE: FIRST FLOOR HEATING, COOLING & VENTILATION SERVICES LAYOUT

SCALE: 1:50 @A1	DRAWN/DESIGN: LJM/KJS	MLM REF: 7190015	REVISION: CO1
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PROJECT: 7190015-MLM-ZZ-01-DR-M-0100	ORIGINATOR: LJM/KJS	VOLUME/LEVELS & SYSTEM LOCATIONS: 1/1	TYPE: DR	ROLE: M	NUMBER: 0100
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