

McDonald's

ALL DIMENSIONS ARE APPROXIMATE & MUST BE CHECKED ON SITE.  
DO NOT SCALE THIS DRAWING.  
THIS DRAWING MUST BE READ IN CONJUNCTION WITH ALL ASSOCIATED RELEVANT DRAWINGS & DOCUMENTATION.  
BEFORE WORKS START ON SITE CDM PARTNERSHIP MUST BE INFORMED OF ANY VARIATIONS OR DISCREPANCIES.

NOTES

AMENDMENTS

REF	DATE	DESCRIPTION
A	JULY'14	BASEMENT LOBBY CONDENSERS & FREEZER & CHILLER CONDENSERS ADDED
B	AUG'14	PLANT REPOSITIONED TO OCCUPY EXISTING EQUIPMENT LOCATION
C	AUG'14	ADDITIONAL CONDENSER LOCATED TO SUIT REVISED ARCHITECTURAL LAYOUT
D	SEPT'14	KITCHEN EXTRACT DUCT REVISED TO USE EXISTING. ACOUSTIC BARRIER ADDED.
E	SEPT'14	SECTIONS ADDED



PARTNERSHIP

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PROJECT

McDONALDS RESTAURANT  
CAMBRIDGE CIRCUS  
LONDON WC2H 8AA

TITLE

LAYOUT OF HVAC SERVICES  
AT ROOF LEVEL

DATE

JULY 2014

DRAWN

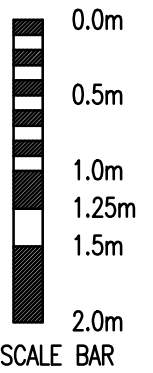
RAL

SCALE

1 : 50 @ A1

DRG No.

6961/M/1001 E



KITCHEN EXTRACT DUCT TO CONNECT TO EXISTING RISER DUCT

BASEMENT LOBBY CONDENSER WEIGHT 141 kgs

BASEMENT LOBBY CONDENSER WEIGHT 141 kgs

GROUND FLOOR LOBBY CONDENSER WEIGHT 141 kgs

KITCHEN CONDENSER WEIGHT 141 kgs

CONDENSERS TO BE MOUNTED ON SPREADER FRAME SYSTEM SUCH AS BIG FOOT OR SIMILAR & APPROVED

KITCHEN CONDENSER WEIGHT 141 kgs

GROUND FLOOR LOBBY CONDENSER WEIGHT 141 kgs

GROUND FLOOR LOBBY CONDENSER WEIGHT 141 kgs

DOOR CURTAIN CONDENSER WEIGHT 141 kgs

ACOUSTIC BARRIER ACROSS LIGHT WELL OPENING

ENABLING WORKS

EXISTING RESTAURANT CONDENSERS, KITCHEN EXTRACT FAN AND DUCTWORK TO BE STRIPPED OUT AND REMOVED

NOODLE HOUSE KITCHEN EXTRACT DUCT TO BE RAISED  
NOODLE HOUSE BACK OF HOUSE EXTRACT FAN TO BE REPOSITIONED  
NOODLE HOUSE FREEZER CONDENSER TO BE REPOSITIONED

KITCHEN EXTRACT FAN & CONDENSERS TO BE MOUNTED ON A SPREADER FRAME SYSTEM SUCH AS BIG FOOT OR SIMILAR APPROVED

CHILLER CONDENSER [WEIGHT 70 kgs] MOUNTED ABOVE FREEZER CONDENSER [WEIGHT 120 kgs]

CREW ROOM CONDENSING UNIT [WEIGHT 60kgs] MOUNTED ABOVE MANAGERS OFFICE CONDENSING UNIT [WEIGHT 60 kgs]

DOOR CURTAIN CONDENSER WEIGHT 141 kgs

KITCHEN EXTRACT FAN UNIT WEIGHT 325 kgs  
DISCHARGE DUCT FROM FAN TO RISE TO HIGH VELOCITY DISCHARGE TERMINAL AT PLANT ROOM PARAPET LEVEL

ACOUSTIC BARRIER

CONNECT TO EXISTING 500X500 EXTRACT DUCT

SECTION D - D

500DIA HIGH VELOCITY DISCHARGE TERMINAL

SECTION C - C

CHILLER CONDENSER

FREEZER CONDENSER

SECTION B - B

500DIA HIGH VELOCITY DISCHARGE TERMINAL

SECTION A - A

PART PLAN AT ROOF LEVEL