

BRUNSWICK STREET

EXISTING CONDENSER UNIT x 2 position to be re-used approx 750x320x799high

EXISTING CONDENSER UNIT position to be re-used. Positioned behind stone parapet. Approx 900x900x1200high

LOWER GROUND FLOOR (SCALE 1:100)

THE STRAND

WATER STREET

PROPOSED CONDENSER UNIT position behind stone parapet approx 900x900x1200high

SERVICE GOODS

EXISTING CONDENSER UNITS

PROPOSED CONDENSER UNITS approx 750x600x900high

EXISTING CONDENSER UNITS x2 position to be re-used approx 750x600x900high

M&E Builderswork Schedule at Ground Floor Slab

Kitchen Ventilation Supply & Extract		
Kitchen ventilation will be provided by ventilation risers combining both supply and extract ducts rising from Lower Ground Floor to overhead canopy. This will be either 2, 3 OR 4 riser locations dependent on final kitchen layout. Hole size required as follows:		
Qty	Size	Note
2	1600x 1100 mm	2 No. supply & 2 No. extract Total area = 3.52m ² OR
3	1400 x 900 mm	3 No. supply & 3 No. extract Total area = 3.78m ² OR
4	1200 x 700 mm	4 No. supply & 4 No. extract Total area = 3.36m ²

Kitchen Area		
Qty	Size	Note
3	100 Ø	Gas pipe penetrations
10	125 Ø	Drainage pipe penetrations
7	150 Ø	Water pipe penetrations
2	100 Ø	Electric pipe penetrations

Pot Wash Area		
Qty	Size	Note
2	400 Ø	Ventilation pipe penetration
3	125 Ø	Drainage pipe penetrations
3	75 Ø	Refrigeration pipe penetrations
3	150 Ø	Water pipe penetrations
1	100 Ø	Electric pipe penetrations

Bar Area		
Qty	Size	Note
2	125 Ø	Drainage pipe penetrations
2	150 Ø	Water pipe penetrations
1	75 Ø	Electric pipe penetrations

Restaurant Toilets		
Qty	Size	Note
2	350 Ø	Ventilation pipe penetration
4	125 Ø	Drainage pipe penetrations
4	150 Ø	Water pipe penetrations
1	75 Ø	Electrical pipe penetrations

Glass Wash/ Staff Rooms		
Qty	Size	Note
3	150 Ø	Water pipe penetrations
2	75 Ø	Electrical pipe penetrations

Restaurant Seating Area		
Qty	Size	Note
10	250 Ø	Ventilation pipe penetration

PDR Walls		
Qty	Size	Note
16	200 Ø	Ventilation pipe penetration

M&E Build Work Schedule at Lower Ground Floor Slab

Pot Wash Area		
Qty	Size	Note
2	350 Ø	Ventilation pipe penetration
1	125 Ø	Drainage pipe penetrations
1	150 Ø	Water pipe penetrations
1	100 Ø	Gas pipe penetrations
1	150 Ø	Electric pipe penetrations

Service Key

- Proposed penetration zone from Lower Ground Floor for kitchen ventilation. Ventilation supply unit to M&E detail specification. Maximum number or size of holes as Built Work Schedule. New structural support to each hole as per Structural Engineers Drawing 15-256-191115-SK1 & SK2. Maximum of 4 penetration points along the service zone. Water / Gas / Drainage penetration at each location.
- New Pipe service routes - Group routes within 100-150mm core drill holes for each service. Approx positions shown.
- Hot water route, Supply and return
- Cold water route
- Gas route
- Ventilation run SUPPLY
- Ventilation run EXTRACT
- Drainage route

Proposed extract outlet route at Lower Ground Floor, connected to proposed Louvre on external elevation at high level within window set.

Proposed supply intake route at Lower Ground Floor, connected to proposed Louvre on external elevation at high level within window set.

Existing supply intake route at Lower Ground Floor, set within existing window set. Louvre colour black.

Kitchen extract drop and supply rise ducts through slab. Ducts to duct run at high level of lower ground floor. Connected to Louvres set into window sets. See Builderswork elevations.

Kitchen extract drop and supply rise ducts through slab. Ductwork to rise and run in headspace linear or local floating backheads details over cookline.

Supply Route KITCHEN

Extract Route KITCHEN

Potwash extract drop and supply rise ducts through slab.

Supply Route POTWASH

Extract Route POTWASH

Hot F&R Cold Water and Drainage drop. Gas where shown. Pipework needs to supply into existing access floor zone at Ground Floor for secondary local circulation routes. Drain drop to gravity collection or pumped pipe run at high level Lower Ground Floor to nearest soil pipe location.

Hot F&R Cold Water and Drainage to proposed bar on the ground floor.

WC extract drop ducts through slab. Ducts to duct run at high level of lower ground floor. Connected to Louvres set into window sets. See Builderswork elevations.

New Drain drop, connection into basement level below. Approx 150 core drill hole - final position TBC.

New hot water, cold water connections served from below. Existing drainage re-used.

New Water and Gas main heads from Basement below. Approx 150 core drill holes - final position TBC.

General Note:

The passage of pipes, ventilation's ducts, service cables, appliance ventilation ducts and ducts enclosing one or more floor joists through existing walls & floors to have the provision of the cladding between pipe and structure to meet the requirements of Building Control Approval.

All holes >500 Ø to have structural reinforcing wall as per Structural Engineers Drawing 15-256-191115-SK1 & SK2.

To be read in conjunction with Drawing 15.041-LI(05)100, 15.041-LI(05)101, 15.041-LI(31)100 & M&E drawings

NOTE - NEW RESTAURANT LAYOUT SHOWN AS INDICATIVE TO SHOW RELEVANCE OF NEW SERVICE PENETRATION HOLES AND ROUTES LAYOUT IS SUBJECT TO FINAL LAYOUT DESIGN.

PLANNING

15.041-LI(05)100

15.041-LI(05)101

15.041-LI(31)100

15.041-LI(05)102

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