

Basement Extract Grilles - Further coordination for manufacturer & sizes with Interior Designer

Reference	Quantity	Duty (l/s)	Supply/Extract	Location	Manufacturer	Type	Size (Free Area)	Additional Requirements	Finish
E1	1	10 Extract		Staff Room 2	TBC	TBC	0.005 Metres squared	Damper	TBC
E2	1	10 Extract		Staff Room 1	TBC	TBC	0.005 Metres squared	Damper	TBC
E3	1	10 Extract		Gym	TBC	TBC	0.005 Metres squared	Damper	TBC
E4	1	8 Extract		Steam Room	TBC	TBC	0.004 Metres squared	Damper	TBC
E5	1	6 Extract		WC	TBC	TBC	0.003 Metres squared	Damper	TBC
E6	1	8 Extract		Staff Bathroom 1	TBC	TBC	0.004 Metres squared	Damper	TBC
E7	1	8 Extract		Staff Bathroom 2	TBC	TBC	0.004 Metres squared	Damper	TBC
E8	1	15 Extract		Kitchen	TBC	TBC	0.0075 Metres squared	Damper	TBC
E9	1	10 Extract		Changing	TBC	TBC	0.005 Metres squared	Damper	TBC
E10	1	10 Extract		Laundry	TBC	TBC	0.005 Metres squared	Damper	TBC
E11	1	600 Extract		Pool Area	TBC	TBC	0.31 Metres squared	Damper	TBC
E12	1	20 Extract		Cinema	TBC	TBC	0.01 Metres squared	Damper	TBC

Basement Supply Grilles - Further coordination for manufacturer & sizes with Interior Designer

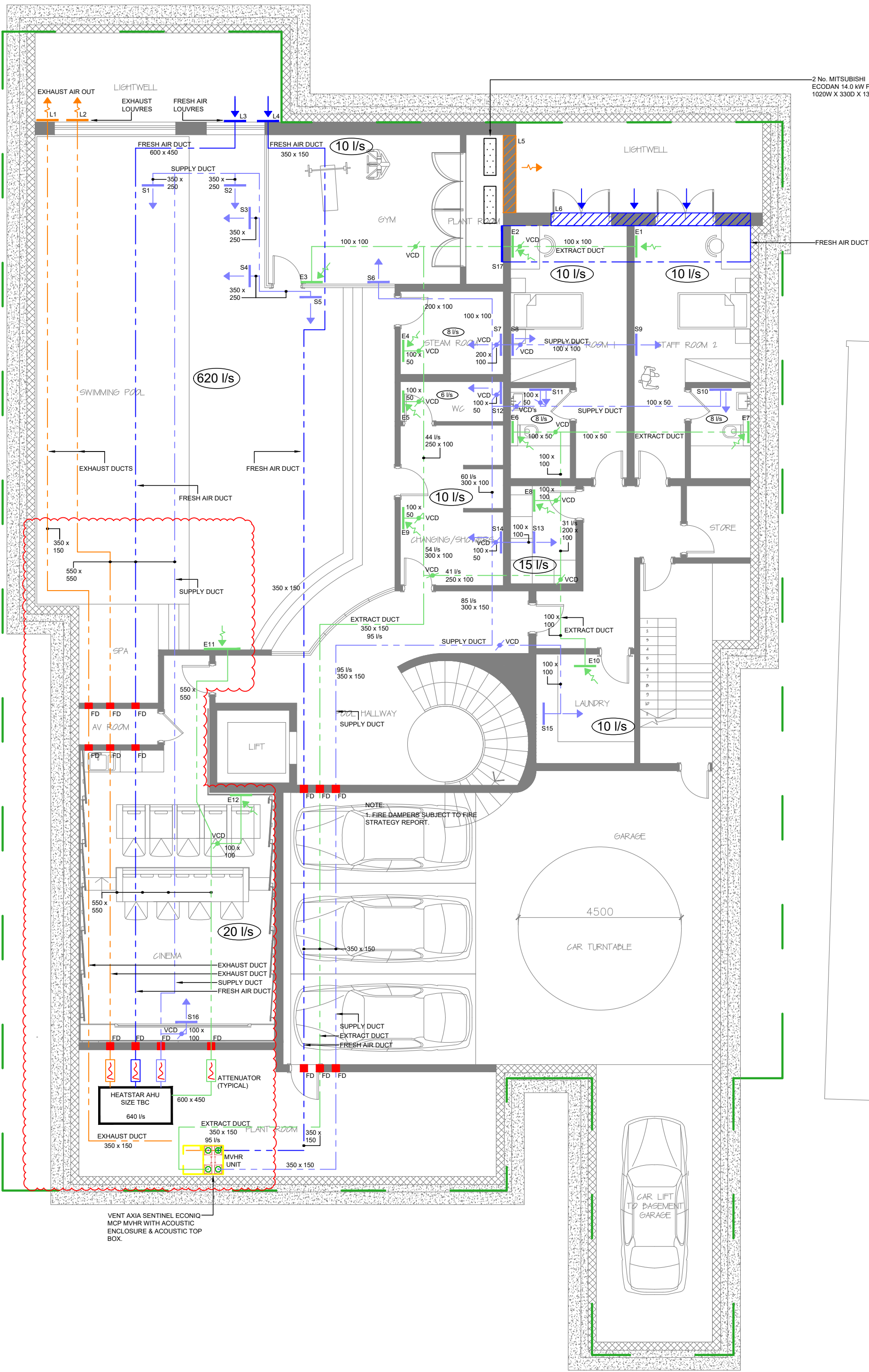
Reference	Quantity	Duty (l/s)	Supply/Extract	Location	Manufacturer	Type	Size (Free Area)	Additional Requirements	Finish
S1	1	124 Supply		Pool Area	TBC	TBC	0.062 Metres squared	Damper	TBC
S2	1	124 Supply		Pool Area	TBC	TBC	0.062 Metres squared	Damper	TBC
S3	1	124 Supply		Pool Area	TBC	TBC	0.062 Metres squared	Damper	TBC
S4	1	124 Supply		Pool Area	TBC	TBC	0.062 Metres squared	Damper	TBC
S5	1	124 Supply		Pool Area	TBC	TBC	0.062 Metres squared	Damper	TBC
S6	1	10 Supply		Gym	TBC	TBC	0.005 Metres squared	Damper	TBC
S7	1	8 Supply		Steam Room	TBC	TBC	0.004 Metres squared	Damper	TBC
S8	1	10 Supply		Staff Bedroom 1	TBC	TBC	0.005 Metres squared	Damper	TBC
S9	1	10 Supply		Staff Bedroom 2	TBC	TBC	0.005 Metres squared	Damper	TBC
S10	1	8 Supply		Staff Bathroom 2	TBC	TBC	0.004 Metres squared	Damper	TBC
S11	1	8 Supply		Staff Bathroom 1	TBC	TBC	0.004 Metres squared	Damper	TBC
S12	1	6 Supply		WC	TBC	TBC	0.003 Metres squared	Damper	TBC
S13	1	15 Supply		Kitchen	TBC	TBC	0.0075 Metres squared	Damper	TBC
S14	1	10 Supply		Changing	TBC	TBC	0.005 Metres squared	Damper	TBC
S15	1	10 Supply		Laundry	TBC	TBC	0.005 Metres squared	Damper	TBC
S16	1	20 Supply		Cinema	TBC	TBC	0.01 Metres squared	Damper	TBC
S17	1	3600 Fresh Air In		Plant Room In Gym	TBC	TBC	TBC		TBC

Basement Louves - Further coordination for manufacturer & sizes with Interior Designer

Reference	Quantity	Duty (l/s)	Supply/Extract	Location	Manufacturer	Type	Size (Free Area)	Additional Requirements
L1	1	90 Exhaust		Light Well	TBC	TBC	0.0475 Metres squared	
L2	1	640 Exhaust		Light Well	TBC	TBC	0.32 Metres squared	
L3	1	640 Fresh Air In		Light Well	TBC	TBC	0.32 Metres squared	
L4	1	90 Fresh Air In		Light Well	TBC	TBC	0.0475 Metres squared	
L5	1	3600 Exhaust		Light Well	TBC	TBC		To be confirmed by acoustic consultant
L6	1	3600 Fresh Air In		Light Well	TBC	TBC		To be confirmed by acoustic consultant

LEGEND

- EXHAUST AIR DUCT
- FRESH AIR DUCT
- EXTRACT AIR DUCT
- SUPPLY AIR DUCT
- EXHAUST AIR LOUVRE
- FRESH AIR LOUVRE
- EXTRACT AIR GRILLE
- SUPPLY AIR GRILLE
- EXHAUST AIR ARROW
- FRESH AIR ARROW
- SUPPLY AIR ARROW



BASEMENT

GENERAL NOTES:

- This drawing is not an Architects drawing and must not be interpreted as such.
- Do not scale off this drawing.
- This drawing must not be used for construction or installation purposed unless stated.
- All dimensions must be verified on site before completing shop drawings or setting out the work.
- This drawing to be read in conjunction with the relevant technical specifications.
- This drawing is to be read in conjunction with Architectural and Structural Engineers drawings.

- HW - Hot Water Valve

HL - High Level

LL - Low Level

TA - To Above

TB - To Below

FA - From Above

FB - From Below

SS - Stub Stack

AAV - Air Admittance Valve

SVP - Soil Vent Pipe

DCV - Double Check Valve

SV - Solenoid Valve

NRV - Non Return Valve
- PRV - Pressure Relief Valve

NRV - Non Return Valve

S/C - Stop Cock

C/V - Control Valve

DRV - Double Regulating Valve

LSV - Lock Shield Valve

IV - Isolation Valve

STR - Strainer

HTG - Heating

CW - Cold Water

TD - Tundish

F - Flow

R - Return

- Pipes Hidden H/L

Pipes Hidden L/L

Pipes Exposed H/L

Pipes Solid L/L
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Fire Protection Notes:

- Ductwork:** Where ductwork crossed a protected escape route or passes through a fire rated floor. Ducts shall be provided with fire dampers or for PVC flat duct, approved fire wrap.
- Soil Pipework:** Where passing through fire rated floors shall be fitting with approved fire collars.
- Small Services:** ie. Small bore pipework and cabling. All penetrations passing through fire rated structure shall be suitably fire stopped in accordance with approved details.

P2	Ductwork & Plant Room adjusted to new layout.	SLC	27/05/2026
P1	Preliminary Issue	SLC	20/05/2026
P0	Preliminary Issue	SLC	14/05/2026
REV	MODIFICATIONS	DRN	DATE

CARNELL
WARREN

ASSOCIATES

DUKE HOUSE | DUKE STREET | WOKING | GU21 5BA
PROJECTS@CARNELLWARREN.CO.UK | 01483 730995

PROJECT

DERWEN
COMPTON AVENUE
LONDON N6 4LH

DRAWING TITLE

BASEMENT
VENTILATION LAYOUT

CLIENT

PRIVATE CLIENT

SCALE | A1
1:100

PROJECT START
MAY '26

PROJECT LEAD
SLC

DRAWING NO.
2662/M/001

REVISION
P2