

ELECTRICAL AND MECHANICAL FITTINGS AND/OR APPLIANCES, CONDUITS, PIPES, CABLES, ETC. ARE INDICATED FOR TENDERING PURPOSES, GUIDANCE & COMPILATION OF INSTALLATION DRAWINGS. EXACT POSITIONS AND ROUTES SHALL BE SETTLED ON SITE IN RELATION TO OTHER SERVICES AND FIXTURES AND TO THE ARCHITECT'S DETAILED ROOM LAYOUTS WHERE ISSUED OR APPROPRIATE EXCEPT WHERE DIMENSIONS ARE GIVEN (ON THE DRAWING OR IN THE SPECIFICATION.) FINAL POSITIONS OF LIGHTING POINTS, MECHANICAL AND ELECTRICAL FITTINGS, FIXTURES AND / OR APPLIANCES MUST BE CHECKED WITH THE CONTRACT ADMINISTRATOR BEFORE PROCEEDING

SLIGHT OFF-SETS IN VERTICAL SOIL & VENT PIPES TO BE INCORPORATED BY USING STANDARD OFF-SET FITTINGS OR SHALLOW ANGLE BENDS.

ALL SVP RUNS IN FLOOR VOIDS TO BE COORDINATED WITH EXISTING PROPOSED STEEL STRUCTURAL ELEMENTS.

ACCESS DOORS ON SVP'S TO BE LOCATED IN ACCESSIBLE LOCATIONS- REFER TO ARCHITECTS LAYOUTS FOR FURTHER DETAILS. REFER TO ARCHITECTS DRGS. FOR FINAL RWP/GUTTER LOCATIONS



REFER TO ARCHITECTS DRGS. FOR LOCATIONS OF ALL EXTERNAL RAINWATER DOWNPIPES/GUTTERS/HOPPERS ETC.

MAIN CONTRACTOR TO CONFIRM CAVITY WALL DRAINAGE SYSTEM REQUIREMENTS - C.D.P. ITEM

**NOTES**

- ALL PIPE RUNS DROPPING TO RUN AT HIGH LEVEL BELOW SHALL BE RUN WITHIN FLOOR VOIDS WHERE POSSIBLE, OR WITHIN FALSE CEILING
- ALL PIPEWORK RUNNING WITHIN FLOOR VOIDS/FALSE CEILING SHALL HAVE ACOUSTIC LAGGING APPLIED
- ALL REDUNDANT SOIL & WASTE PIPEWORK SHALL BE STRIPPED OUT ENTIRELY & CAPPED AS CLOSE TO THE NEAREST "LIVE" PART OF THE SYSTEM AS POSSIBLE
- PROVISIONS FOR RAINWATER PIPES - REFER TO ARCHITECTS DRAWING
- ALL BATHROOMS TO HAVE RAISED FLOORS
- ALL FAN COIL UNIT CONDENSE DRAINS SHALL BE FITTED WITH A WATERLESS TRAP, HEVVO OR EQUAL. ALL CONDENSE WASTES 220 CU
- ACCESS DOORS/ RODDING EYES SHALL BE INSTALLED AT HEIGHTS AND LOCATIONS FULLY CO-ORDINATED WITH ACCESS PANELS.
- BATHROOM FLOOR DRAINAGE SHALL COMPRISE HARMER DRAINAGE SYSTEMS "LINEARIS INVISIBLE" CODE 40150.55-REFER TO ARCHITECTS DWGS FOR FURTHER DETAILS.

WC - DENOTES TOILET WITH 100mm HORIZONTAL OUTLET, PAN CONNECTOR & CONN. TO SVP/DP

WHB - DENOTES WASH HAND BASIN, 35mm WASTE & CONN. TO D.S. BOTTLE TRAP.

B - DENOTES BATH, 42mm WASTE & CONN. TO SUITABLE 'P' TRAP WITH MIN. 40mm SEAL.

SH - DENOTES SHOWER, 42mm/54mm WASTE CONFIGURED TO SUIT FLOOR FINISH. BELL-TYPE TRAP TO PROVIDE FULLBORE TOP-ACCESS TO SHOWER WASTE.

S - DENOTES SINK, 42mm WASTE & CONN. TO MULTI-TRAP TO SUIT KITCHEN ARRANGEMENT

BID - DENOTES BIDET 35mm WASTE & CONN. TO D.S. BOTTLE TRAP

HEVVO - DENOTES WATERLESS TRAP

G - DENOTES FLOOR GULLY

Drain Point D.P. Low Level L/L

Soil Vent Pipe S.V.P. High Level H/L

Vent Pipe V.P. Back Inlet Gully BIG

Waste Pipe W.P. Open Top, Trapped OTTG

Rainwater Pipe RWP Invert Level IL

Cover Level C.L. Air Admittance Valve AAV

From Above F/A Cast Iron Drain CID

To Below T/B Vitrified Clay Ware VCW

Access Door AD Finished Floor Level FFL

Manhole MH Structural Slab Level SSL

Inspection Chamber IC Rodding Eye RE

— Pipework located at low level

- - - Pipework located in floor void

- - - Pipework located in ceiling void

PL3	BACKGROUND UPDATED	K.T. SEP'18	R.J. SEP'18	M.W. SEP'18
PL2	BACKGROUND UPDATED	K.T. JAN'18	R.J. JUN'18	M.W. JUN'18
PL1	BACKGROUND UPDATED	K.T. JAN'18	R.J. JAN'18	M.W. JAN'18
PL0	INITIAL ISSUE	K.T. JAN'18	R.J. JAN'18	M.W. JAN'18
REV.	DESCRIPTION	DATE	CHECKED + DATE	APPROVED + DATE

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Client  
**THE ESTATE OFFICE**

Project Title  
**24 HEATH DRIVE  
LONDON  
NW3 7SB**

Drawing Title  
**PH ENGINEERING SERVICES  
FIRST FLOOR SOIL AND  
WASTE PLUMBING LAYOUT**

Scale	Drawing Status
1:50 @ A1	PLANNING
Drawing No.	Revision
16/117-PH05	PL3

Certificate No: 2848/01