

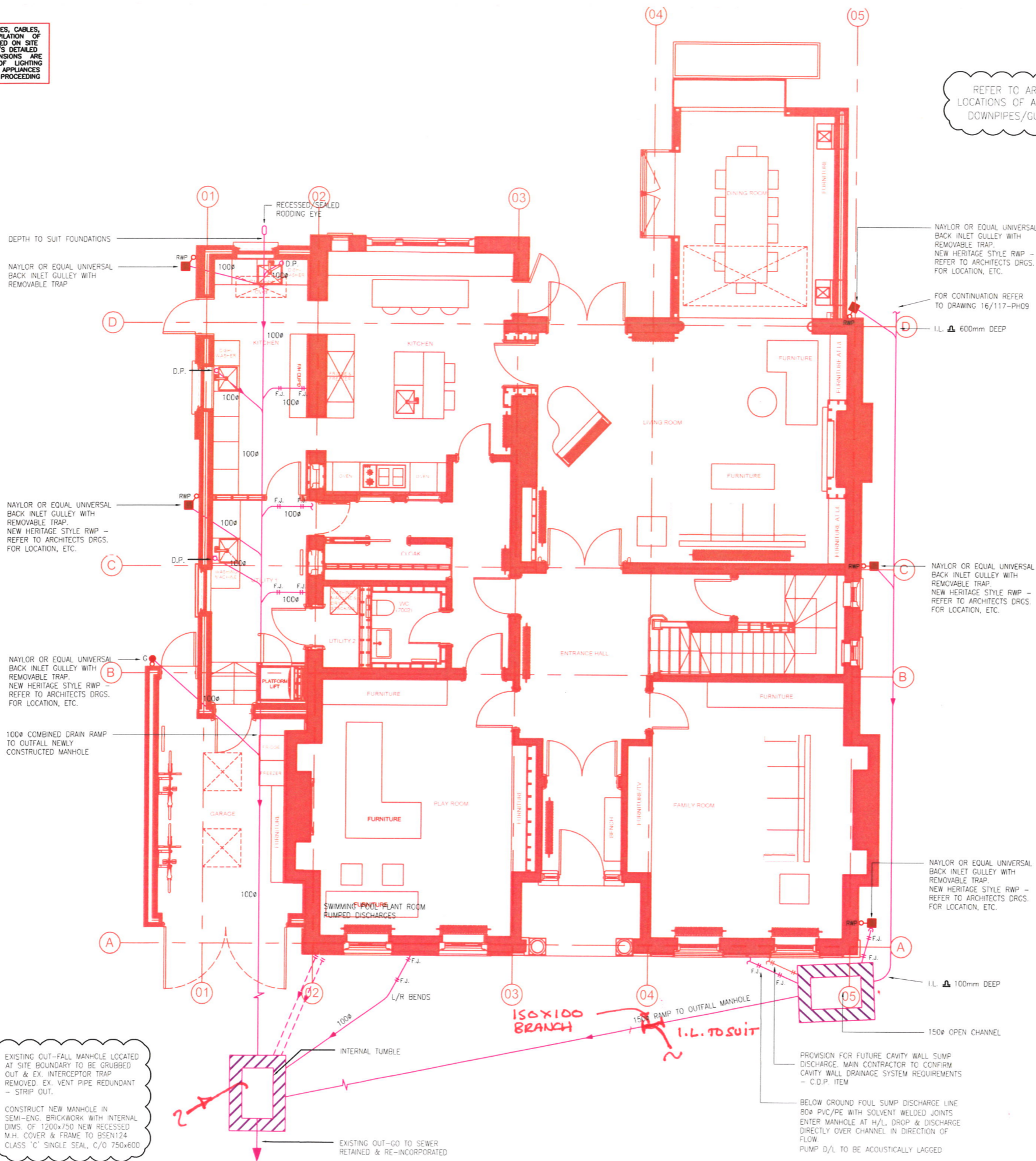
ELECTRICAL AND MECHANICAL FITTINGS AND/OR APPLIANCES, CONDUITS, PIPES, CABLES, ETC. ARE INDICATED FOR TENDERING PURPOSES. GUIDANCE & COMPLETION OF INSTALLATION DRAWINGS. EXACT POSITIONS AND ROUTES SHALL BE SETTLED ON SITE IN RELATION TO OTHER SERVICES AND FIXTURES AND TO THE ARCHITECT'S DETAILED ROOM 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.



NOTES

- ALL PIPE RUNS DROPPING TO RUN AT HIGH LEVEL BELOW SHALL BE RUN WITHIN FLOOR VOIDS WHERE POSSIBLE, OR WITHIN FALSE CEILINGS
- ALL PIPEWORK RUNNING WITHIN FLOOR VOIDS/FALSE CEILINGS 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, HEPVO OR EQUAL. ALL CONDENSE WASTES 22# 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 100# HORIZONTAL OUTFALL, PAN CONNECTOR & CONN. TO SVP/DP
- WHB - DENOTES WASH HAND BASIN, 35# WASTE & CONN. TO D.S. BOTTLE TRAP
- B - DENOTES BATH, 42# WASTE & CONN. TO SUITABLE 'P' TRAP WITH MIN. 40mm SEAL
- SH - DENOTES SHOWER, 42#/54# WASTE CONFIGURED TO SUIT FLOOR FINISH. BELL-TYPE TRAP TO PROVIDE FULLBORE TOP-ACCESS TO SHOWER WASTE
- S - DENOTES SINK, 42# WASTE & CONN. TO MULTI-TRAP TO SUIT KITCHEN ARRANGEMENT
- BID - DENOTES BIDET 35# WASTE & CONN. TO D.S BOTTLE TRAP
- HEPVO - 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 Trap, Trapped Gully	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

REV.	DESCRIPTION	DATE	BY	CHECKED	APPROVED
TI	GENERAL AMENDMENTS	EV. MAR'18	K.T. MAR'18	M.W. MAR'18	
TO	INITIAL ISSUE	K.T. JUN'18	P.B. JUN'18	M.W. JUN'18	

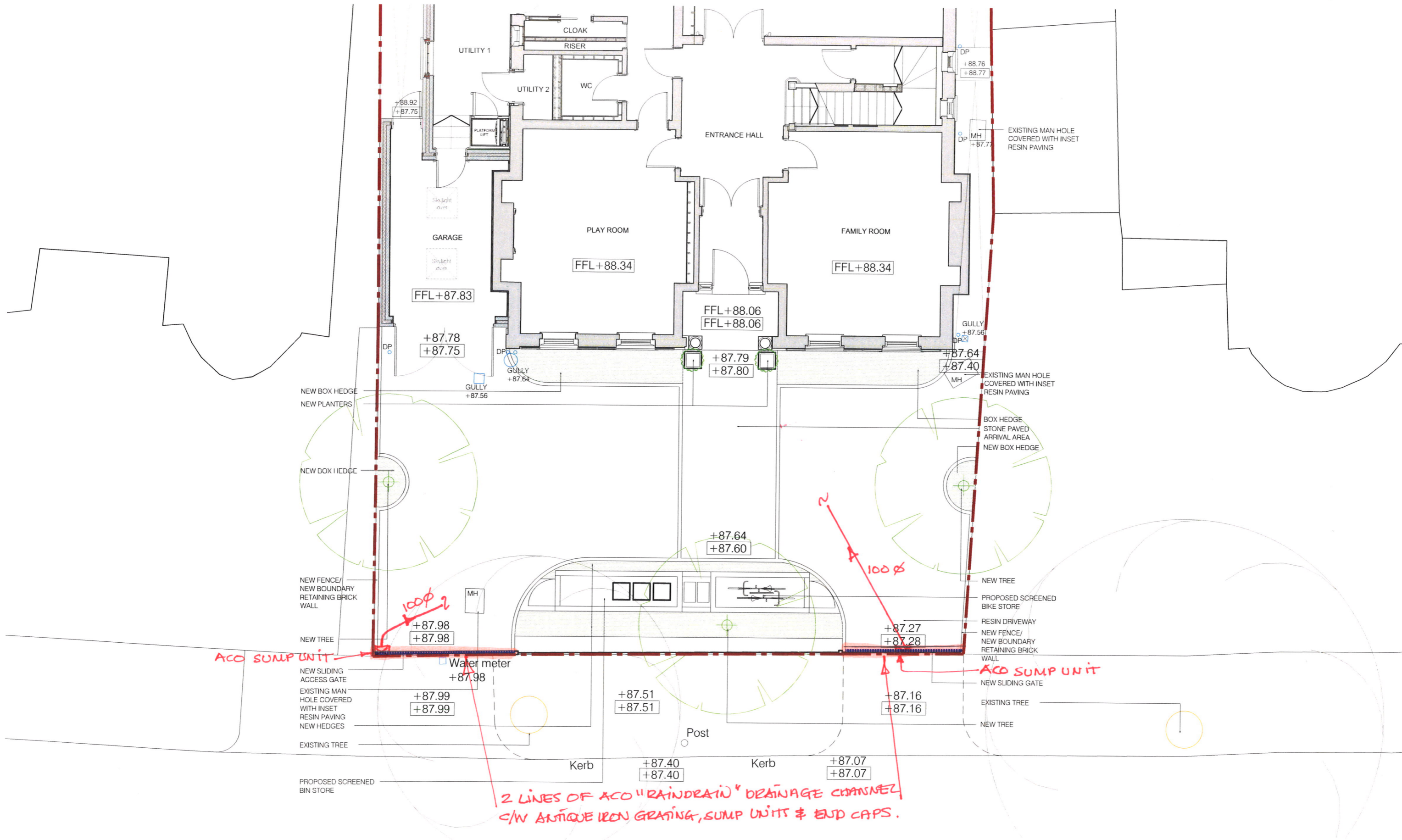
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PH ENGINEERING SERVICES
GROUND FLOOR
BELOW GROUND DRAINAGE LAYOUT

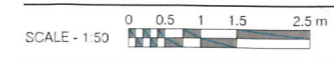
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Drawing No. 16/117-PH03 T1



2 LINES OF ACO "RAINDRAIN" DRAINAGE CHANNELS
C/W ANTIQUE IRON GRATING, SUMP UNITS & END CAPS.

HEATH DRIVE

KEY	
+87.79	Existing Level
+87.80	Proposed Level
	Site Boundary Line
	Indicative line showing drainage channels for surface run-off



Rev	Comments	By	Date
A	Revised levels according to landscape plans	RM	26/10/2019
B	Proposed drainage channels	RM	16/11/2019

FOR INFORMATION

Client	Project Title	Drawing Title
Ranger Bar & Restaurant	24 Heath Drive London NW2 7EB	Proposed and Existing Level Plans

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Project No: 508-16
Drawing No: 0499
Revision: B

Scale	Date	Drawn	Checked
1:100@A1	MAR 19	RM	PH

16/117