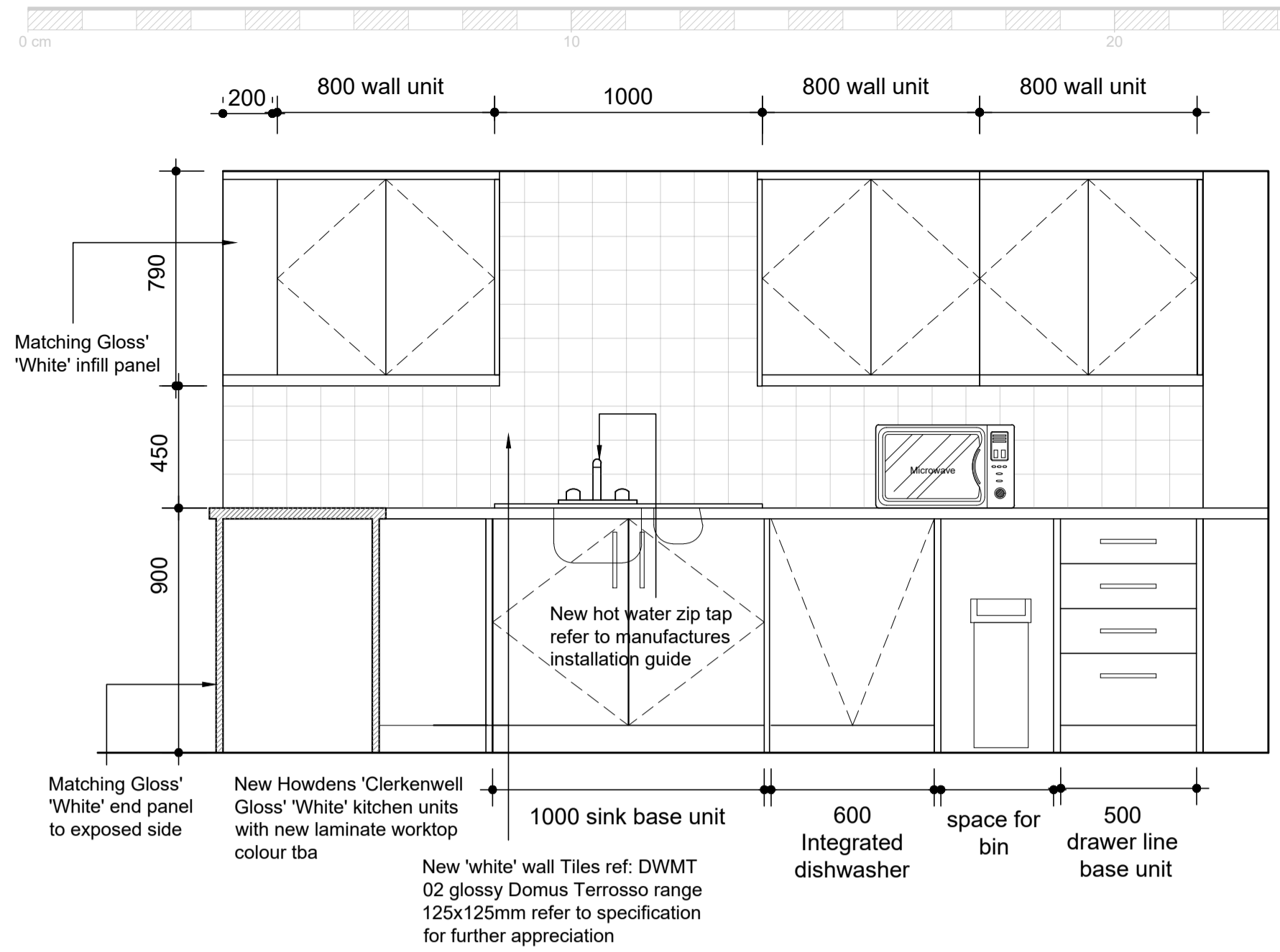


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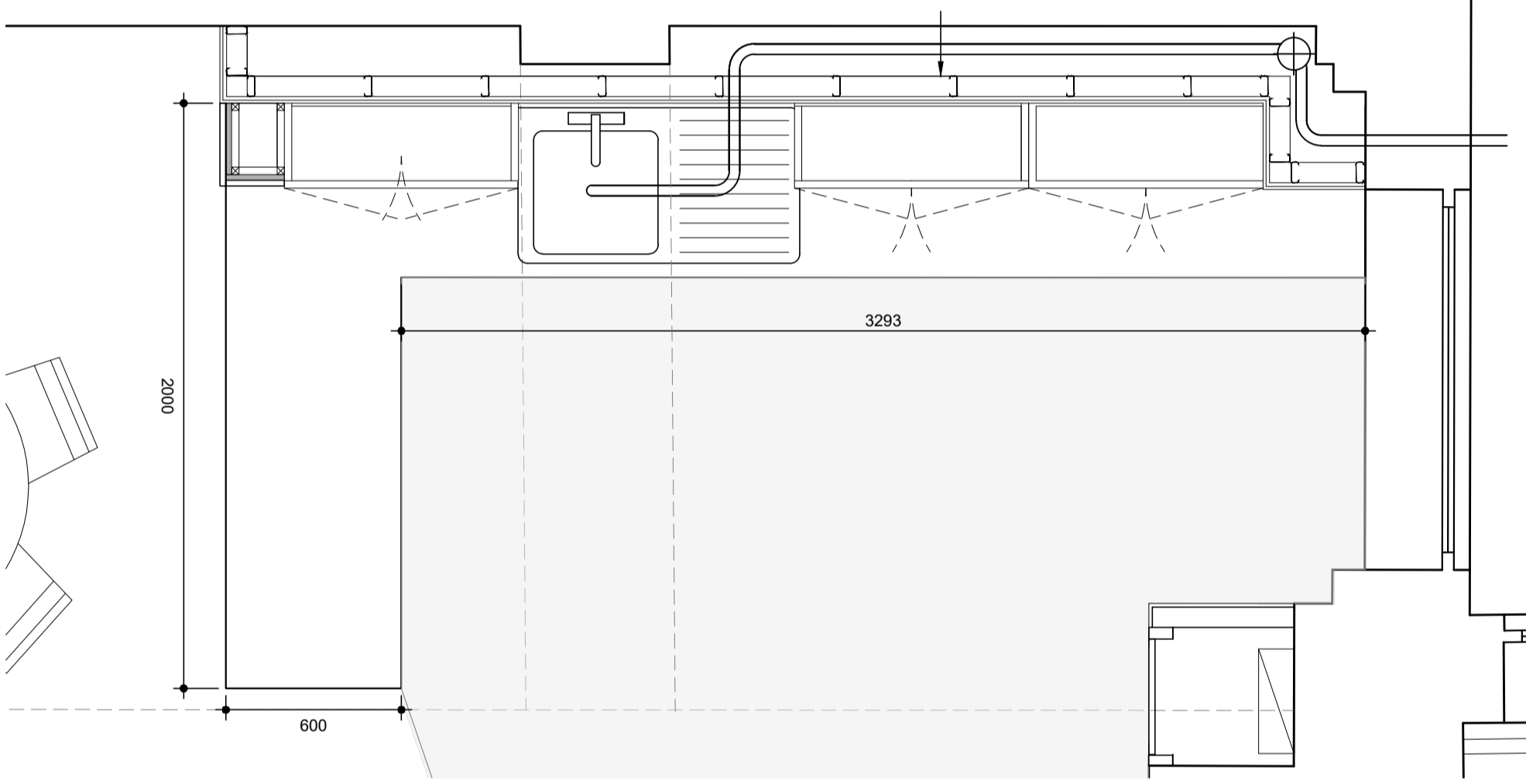
All drawings to be read in conjunction with consultant structural engineers, mechanical and electrical consultants, acoustic engineers, energy consultants, etc. design calculation sheets, specifications and drawings plus any accompanying product literature, accredited details, etc.

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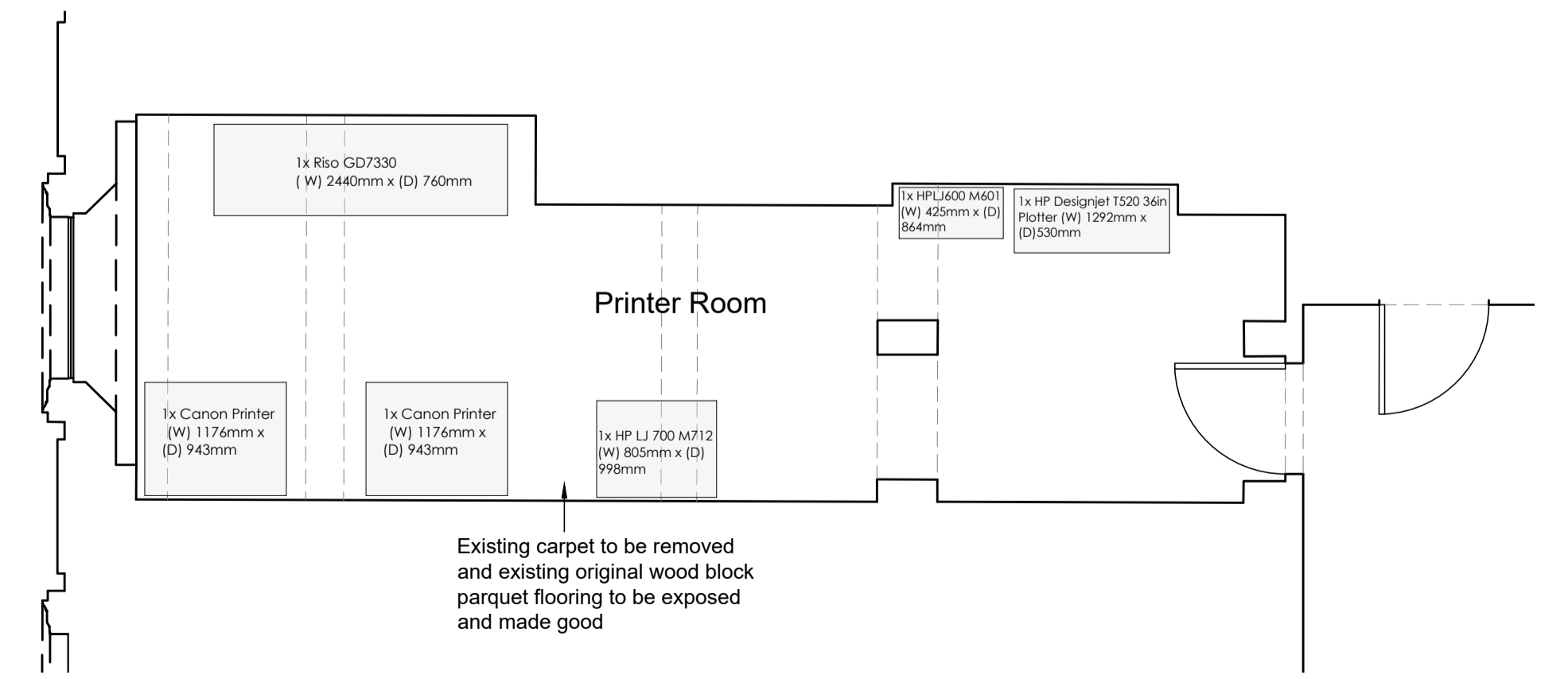


PROPOSED KITCHEN ELEVATION
SCALE 1:20

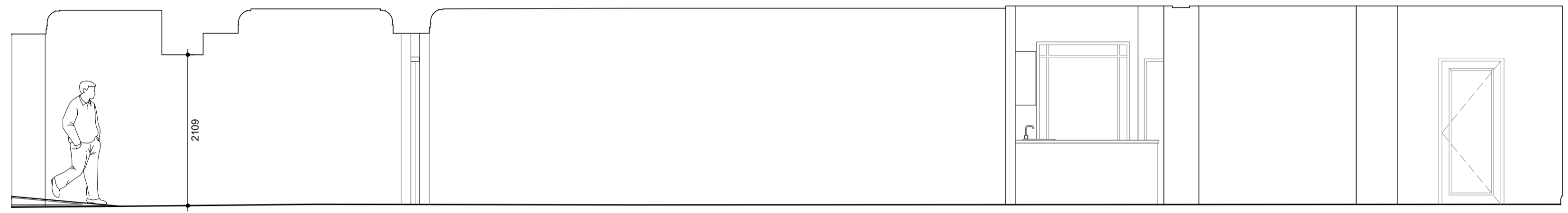
Construct new stud work wall to conceal new gravity assisted drainage route, new drainage route to exit out the external wall and connect into an existing waste system Please refer to Edward Pearce found under section 4 of the Tender documentation for further information



PROPOSED KITCHEN PLAN
SCALE 1:20



PROPOSED PRINTER ROOM
SCALE 1:50

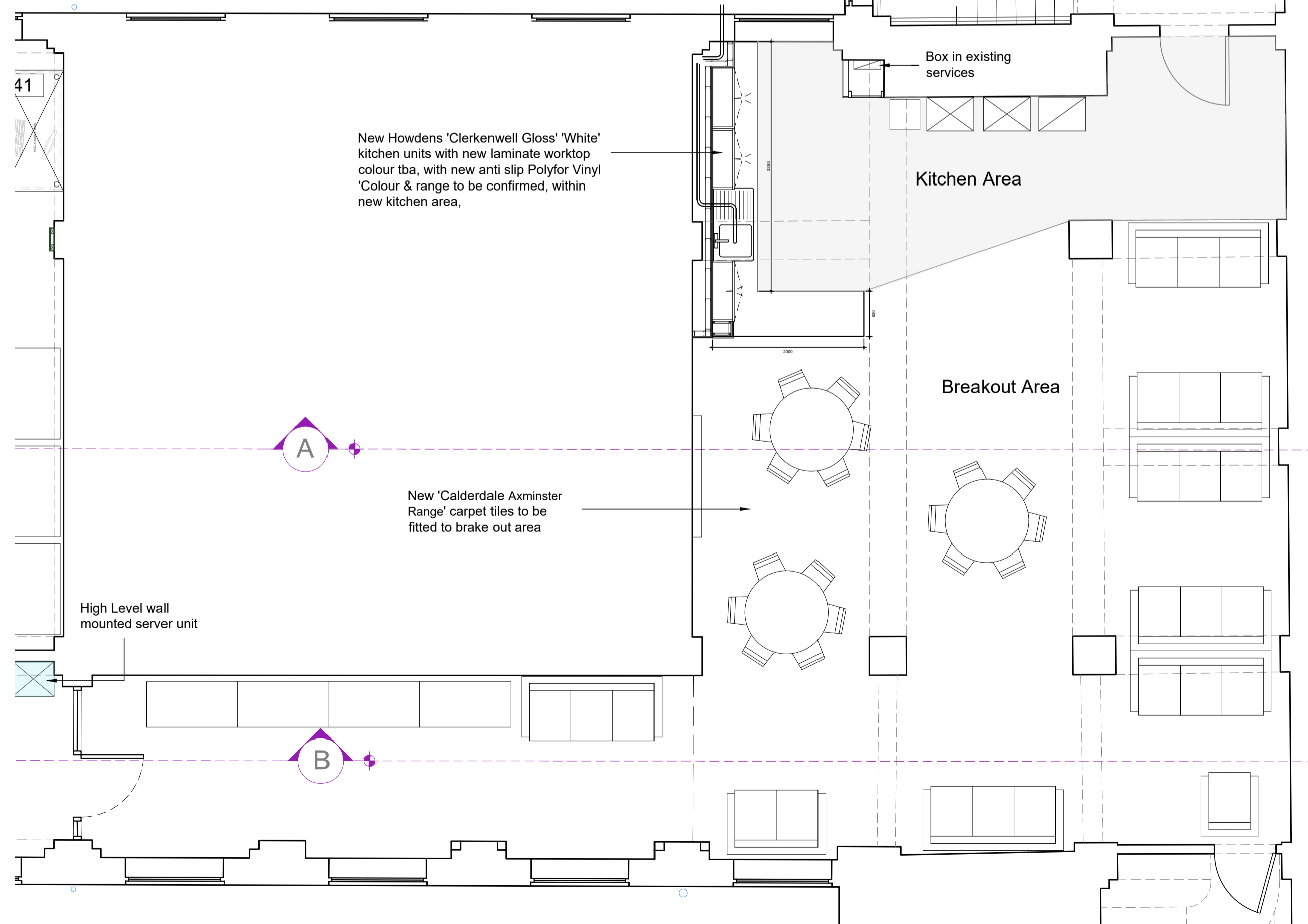


PROPOSED SECTION B
(Continued from Drawing 16911-12)
SCALE 1:50

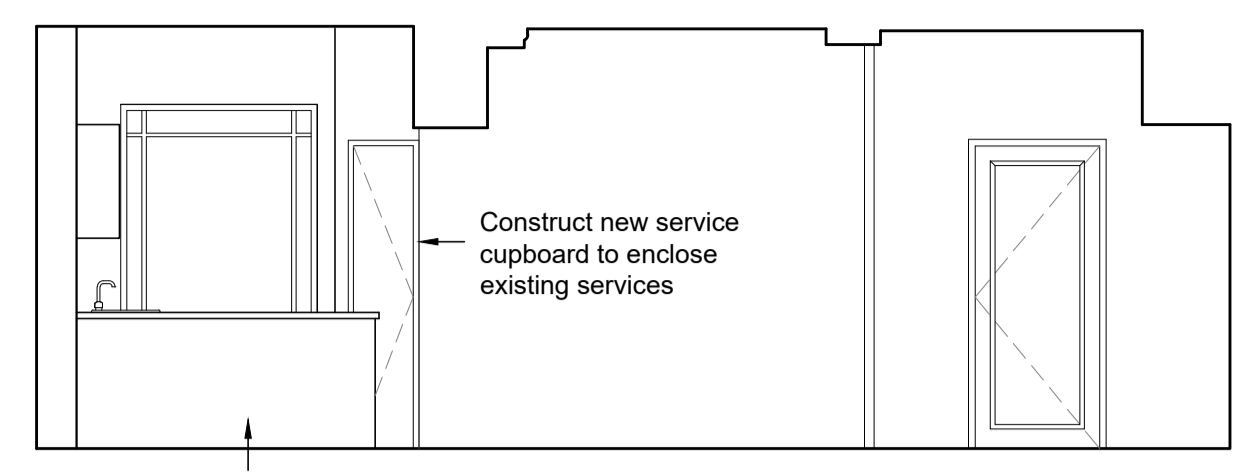
TABLE 2 - COMMON BRANCH DISCHARGE PIPES (UNVENTILATED)

APPLIANCE TO BE CONNECTED	MAX. no.	MAX. LENGTH OF BRANCH PIPE (m)	MIN. SIZE OF PIPE (mm)	GRADIENT LIMITS (mm FALL PER m)
WC OUTLET > 80mm	8	15	100	18 to 90
WC OUTLET < 80mm	1	15	75	18 to 90
URINAL - BOWL		3'	50	18 to 90
URINAL - TROUGH		3'	65	18 to 90
URINAL - SLAB		3'	65	18 to 90
WASHBASIN or BIDET	3	1.7	30	18 to 22
		1.1	30	18 to 44
		0.7	30	18 to 87
		3.0	40	18 to 44
		4.0	50	18 to 44

1 SHOULD BE AS SHORT AS POSSIBLE TO PREVENT DEPOSITION
2 MAY BE REDUCED TO 50mm ON LONG BRANCH WHERE SPACE IS RESTRICTED, BUT ONLY IF MORE THAN 1 WC IS CONNECTED
3 NOT RECOMMENDED WHERE DISPOSAL OF SANITARY TOWELS MAY TAKE PLACE VIA THE WC, AS THERE IS AN INCREASED RISK OF BLOCKAGES
4 EQUAL URINALS LONGER THAN PERSONS SHOULD HAVE MORE THAN ONE OUTLET



PROPOSED TERCENTENARY AREA & TOILETS
SCALE 1:50



PROPOSED SECTION A
(Continued from Drawing 16911-12)
SCALE 1:50

ABOVE GROUND DRAINAGE

ABS and UPVC solvent welded waste system. All pipes to be provided with suitable rodding access points in each change in direction. Traps to sanitary fittings are have a minimum 75mm deep water seal SVP's to be taken a minimum of 900mm above the head of any window within 3.0m and provided with a durable cage to the top. 100mm Dia SVP's to have a large radius bend at its base. (min 200mm rad) typical waste pipe sizes.

Sinks - 3m for 40mm pipe - 4m for 50mm pipe.
Washing Machine and Dishwashers - stand pipe 50mm
Was basin - 1.7m for 32mm pipe - 4m for 40mm pipe
Bath / shower - 3m for 40mm pipe - 4m for 50mm pipe

If the maximum length given above are exceeded then anti-vac traps are to be used.

The use of collar boss and or double branch is to be used on multiple fitting layouts. Ventilated stub stacks are to be fitted with marley 'durgo' automatic air admittance valves. Any encasement to pipe work to be fitted with suitable access panels at all rodding points. Where pipes pass through compartment walls and floors, pipes to be fitted with fire collars or similar approved fitted in accordance with manufactures recommendations, all gaps around pipe work to be infill with intumescent sealant to achieve minimum 1 hours fire resistance [building regulation part b - fire appendix a compartment floor and wall where top storey is over 5m above ground level minimum fire resistance 60 minutes] first foul water connection on the main run to be vented.

Please refer to drawing Ref:16911-14 and specification for finishes and further appreciation

Rev.	Amendment	Date



Client: UNITED GRAND LODGE OF ENGLAND
Project: FREEMASONS HALL
GREAT QUEEN STREET WC2
REFURBISHMENT OF LODGE ROOMS

Title: PROPOSED UPPER GROUND LEVEL
TERCENTENARY, WC & NEW PRINTER ROOM

Drawn by: AG Date: 18-06-20

Checked by: DE/RH

Scale @ A1: 1:20/50/500 Drg. No.: 16911-13

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