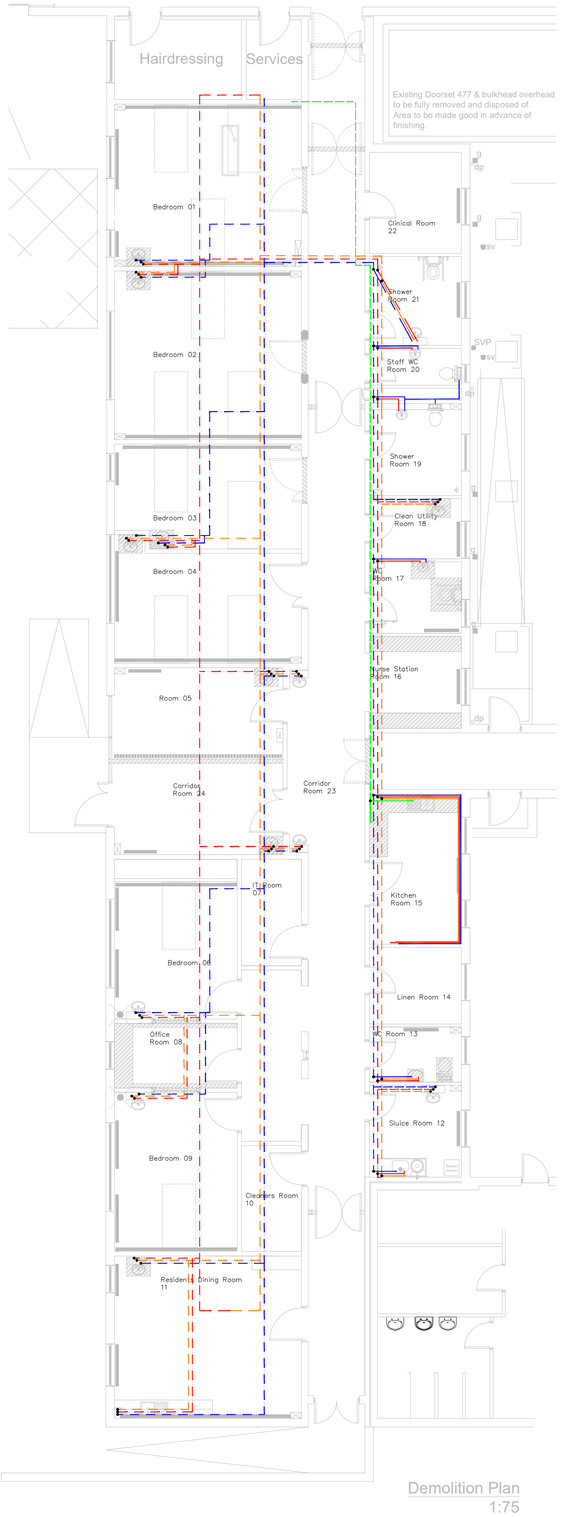
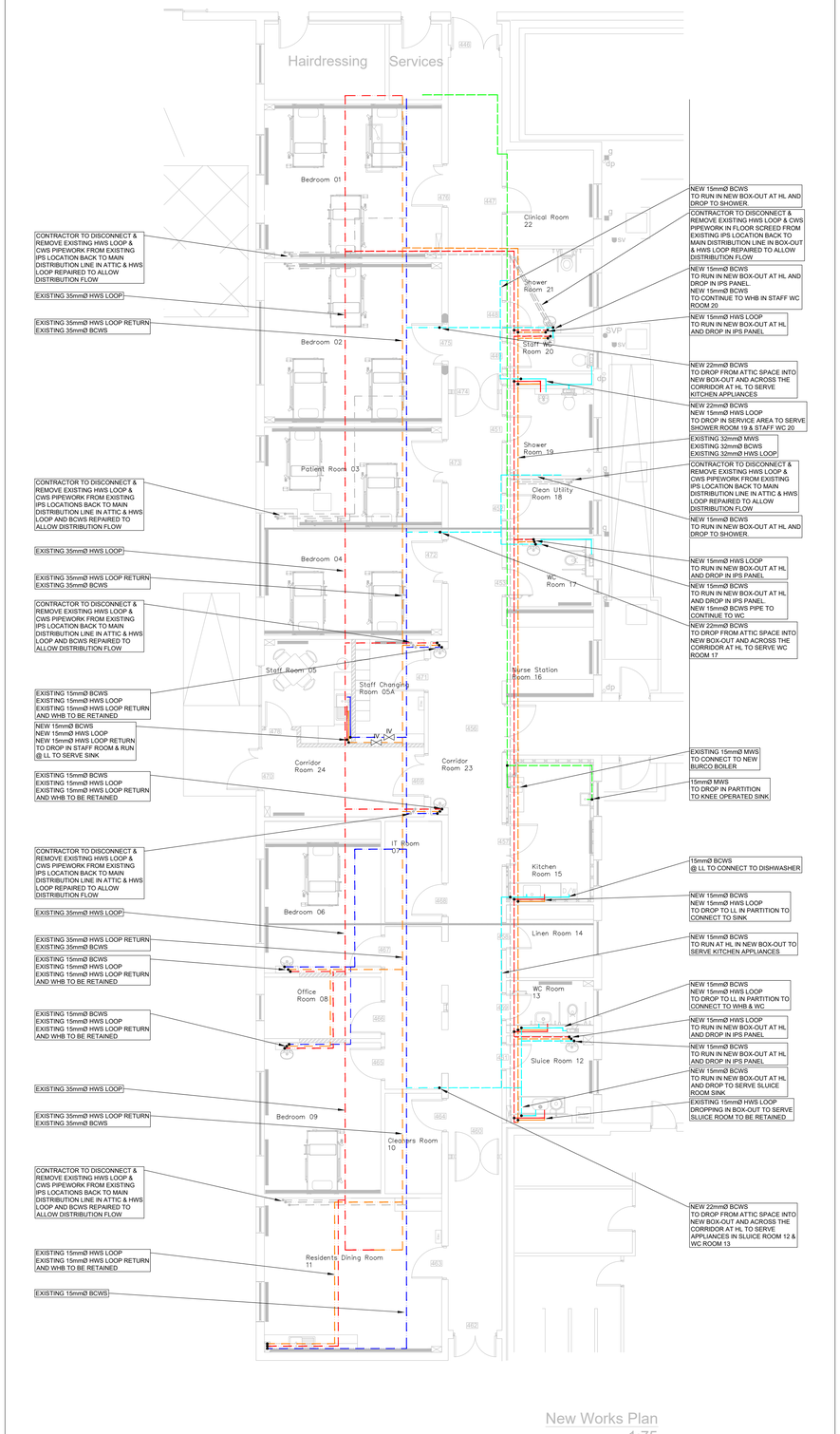


Demolition Plan
1:75

EXISTING WATER SERVICES - WILLOW UNIT
SCALE 1 : 100



New Works Plan
1:75

PROPOSED WATER SERVICES - WILLOW UNIT
SCALE 1 : 100

NOTE:
REFER TO DRAWING BLD100 FOR BOX-OUT DETAILS.

NOTES

1.THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE SPECIFICATION AND ALL OTHER RELEVANT DRAWINGS.

2.THIS DRAWING MUST NOT BE SCALED FOR INSTALLATION PURPOSES. DIMENSIONS TO BE OBTAINED ON SITE ONLY.

3.CONTRACTOR SHALL CONFIRM ALL SANITARY WARE POSITIONS ON SITE PRIOR TO FIRST FIX INSTALLATION.

4.ALL FINAL CONNECTIONS TO SANITARY WARE FIXTURES TO INCLUDE 'BALLOFIX' ISOLATION VALVES.

5.HOT & COLD WATER SERVICES SHALL BE COMPLETED IN HALF HARD COPPER TUBING IN ACCORDANCE WITH BS EN 1057.

6.ALL CONCEALED WATER SERVICES PIPE WORK SHALL BE INSULATED IN ACCORDANCE WITH BS 5422 & BUILDING REGULATIONS TGD-PART L MINIMUM PIPE INSULATION THICKNESS SHALL BE 20mm.

7.EXPOSED RUNS OF WATER SERVICES PIPES SHALL BE IN COPPER TUBING. COPPER PIPES SHALL BE JOINED WITH CAPILLARY SOLDERING FITTINGS TO BS EN 1254 (BS 864 PART 2).

8.COMPRESSION FITTINGS IN READILY ACCESSIBLE LOCATIONS ONLY. COMPRESSION FITTING JOINTS TO BS 1254 OR BS 2051.

9.ALL PIPE WORK SHALL BE PROPERLY CARRIED & SUPPORTED AS PER BS 5449 & BS 6700.

10.THE CONTRACTOR IS IMPLORED TO VISIT & FAMILARISE THEMSELVES WITH THE SITE & THE SCOPE OF WORK INVOLVED PRIOR TO COMMENCEMENT WITH THE CONSULTING ENGINEER.

11.ALL PIPE WORK SHALL BE PRESSURE TESTED TO MINIMUM OF 5 BAR (GAUGE) FOR A MINIMUM PERIOD OF 2 HOURS, IN COMPLIANCE TO BESA PUBLICATION TR 6.

12.THE WATER SERVICES INSTALLATION SHALL COMPLY FULLY WITH THE STANDARDS, REGULATIONS & GUIDELINES NOTED IN THE MECHANICAL SPECIFICATION.

13.THE CONTRACTOR SHALL CONNECT PIPE WORK TO ALL APPLIANCES.

14.CONTRACTOR TO PROVIDE SLEEVES TO ALL PIPE WORK TO CURRENT STANDARDS.

15.ALL THERMOSTATIC MIXING VALVES (TMV) MUST BE OF A TMV3 STANDARD WITH FAIL SAFE LOCKABLE THERMOSTATIC BLENDING VALVES LIMITING THE TEMPERATURE TO 42° / 43° CELSIUS.

16.ALL PIPE WORK MUST BE ROUTED TO MAXIMISE AVAILABLE HEAD & ELIMINATE THE POSSIBILITY OF ANY "DEAD LEG" SITUATIONS.

LEGEND

	EXISTING MAINS WATER
	EXISTING COLD WATER
	NEW COLD WATER
	HOT WATER SYSTEM
	HOT WATER SYSTEM RETURN
	PIPEWORK TO BE DISCONNECT AND REMOVED
	PIPEWORK IN ATTIC VOID
	PIPEWORK AT HIGH LEVEL
	PIPEWORK AT LOW LEVEL
	PIPEWORK IN FLOOR SCREED
⋈	ISOLATION VALVE
●	WHERE PIPEWORK DROPS

Rev	Date	Description	Drawn	Chd
T1	20-11-26	ISSUED FOR TENDER	JO	PC

Drawing Status:
TENDER ISSUE

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Approved:	Checked:	Drawn:	Date:
PC	PC	JO	2026/08/28

Architect:
Hassett Leyden Associates
Architects & Civil Engineers
Rosslevan Shopping Centre,
Tulla Road,
Ennis, Co. Clare

Client:

Project:
HSE Willow Unit
St. Josephs Ennis

Title:
Mechanical Installation
Willow Unit - Ground Floor
Water Services Layout

Scale:	Job Number:	Status:
1:100 @ A1	7366	

Drawing Number:	Client Drawing Number:
M300	-

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