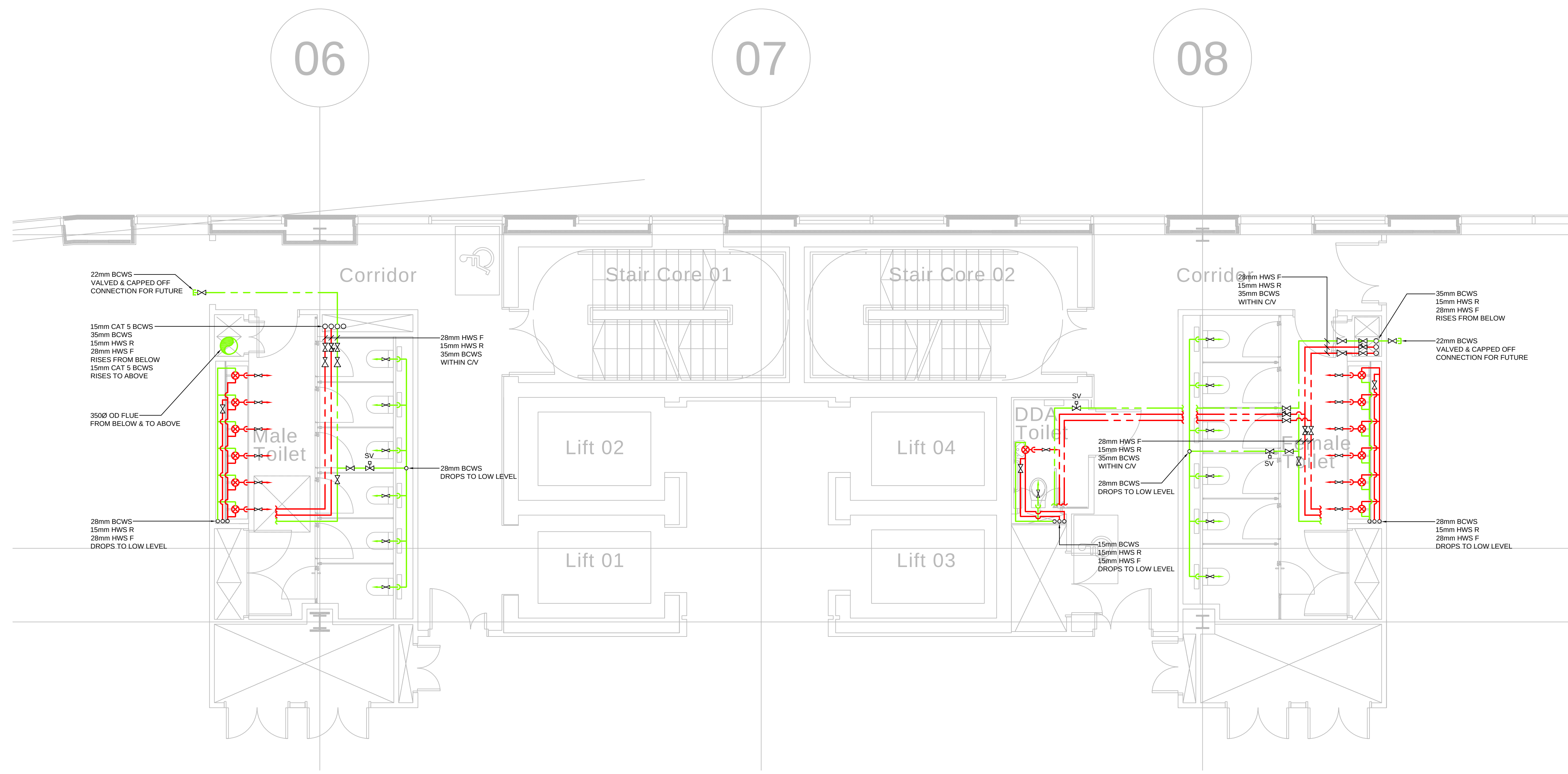
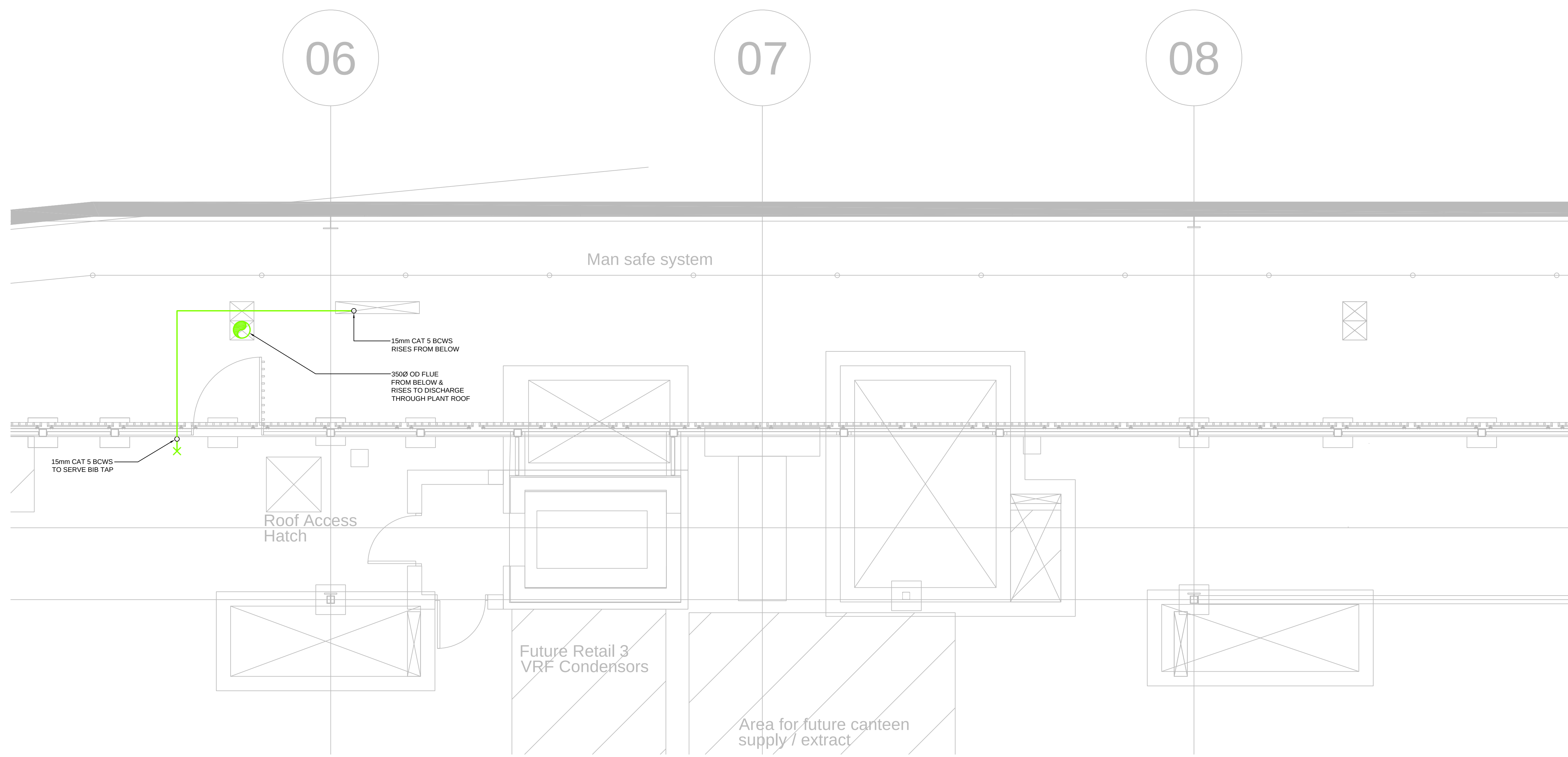
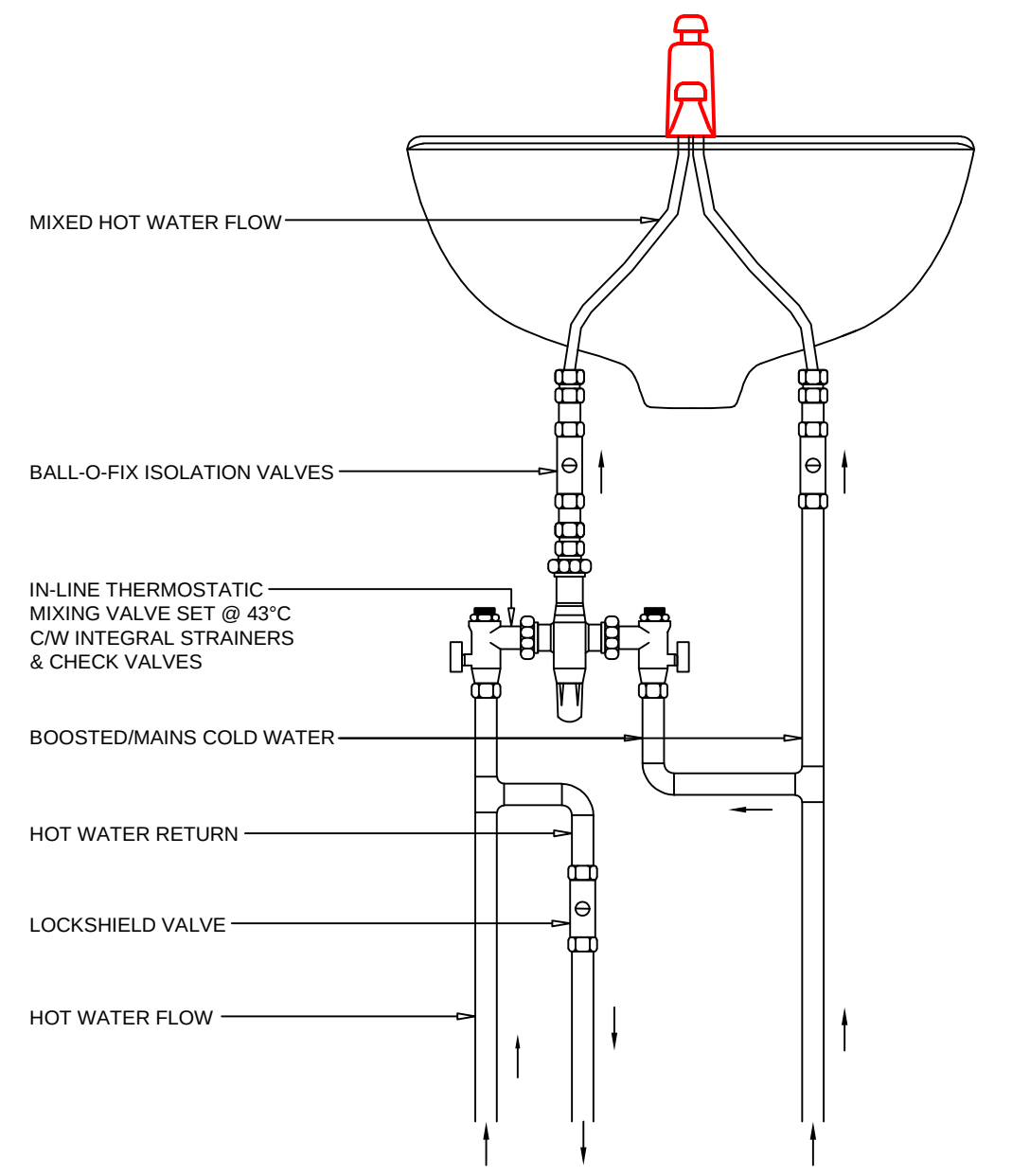




SIXTH FLOOR LAYOUT



ROOF LAYOUT



TYPICAL BLENDED HOT WATER PIPEWORK ARRANGEMENT
(ONLY APPLICABLE ON WHB'S & SINKS WITH NON-THERMOSTATIC TAPS)

NOTES

- CONNECTIONS TO SANITARYWARE:
WHB - 15mm BCWS, 15mm HWS F&R
VIC - 15mm BCWS
SINK - 15mm BCWS, 15mm HWS F&R
SHWR - 15mm BCWS, 15mm HWS F&R
- ALL WHB'S & SINKS TO BE PROVIDED WITH THERMOSTATIC MIXING VALVES.
- AIR VENTS ARE TO BE INSTALLED ON ALL HIGH POINTS OF THE SYSTEM.
- DRAIN COCKS ARE TO BE INSTALLED ON ALL LOW POINTS OF THE SYSTEM.
- ALL BOXING IN & ACCESS REQUIREMENTS FOR PIPEWORK SHALL BE BY OTHERS.
- SOLENOID SHUT OFF VALVES SHALL BE LINKED TO LIGHTING PIERS.
- ALL PIPEWORK ROUTED THROUGH THE UN-HEATED CAR PARK AREA & ON THE ROOF SHALL BE TRACE HEATED.

LEGEND

Main Cold Water Service	=	MCWS
Boosted Cold Water Service	=	BCWS
Hot Water Service	=	HWS
Flow & Return	=	F&R
From below	=	FB
To Above	=	TA
Low Level	=	LL
Automatic release valve	=	AAR
Ceiling Void	=	CV
Floor Void	=	FV
High level within ceiling void	=	
High level	=	
Low level	=	
Underfloor level / Underground	=	
Isolation Valve	=	
Solenoid Shut off Valve	=	
Thermostatic Mixing Valve	=	TMV
Double Check Valve	=	
Pressure Reducing Valve	=	
Double Regulating Valve	=	
Thermal Balancing Valve	=	
Meter	=	

A	11.03.20	RJM	CONSTRUCTION ISSUE
REV	DATE	BY	DESCRIPTION
DRAWING STATUS: CONSTRUCTION			
A. F. CONNELL LTD			
INDUSTRIAL & COMMERCIAL ELECTRICAL & MECHANICAL CONTRACTORS			
1 ALFRED STREET, WEST VALE, HALFAX, WEST YORKSHIRE, H44 8LT. TEL: 01422 310400, FAX: 01422 310033. Email: electric@aconnell.com, mechanical@aconnell.com			
  			
PROJECT: BRAZENNOSE HOUSE OFFICE DEVELOPMENT MANCHESTER			
DRAWING TITLE: MECHANICAL SERVICES SIXTH FLOOR & ROOF DOMESTIC WATER SERVICES LAYOUT			
SCALE: 1:100 @ A0	DRAWN: RJM	CHECKED: CPW	DATE: NOV '19
PROJECT NO: C5784	DRAWING NO: C5784-M-58-03-01	REV: A	