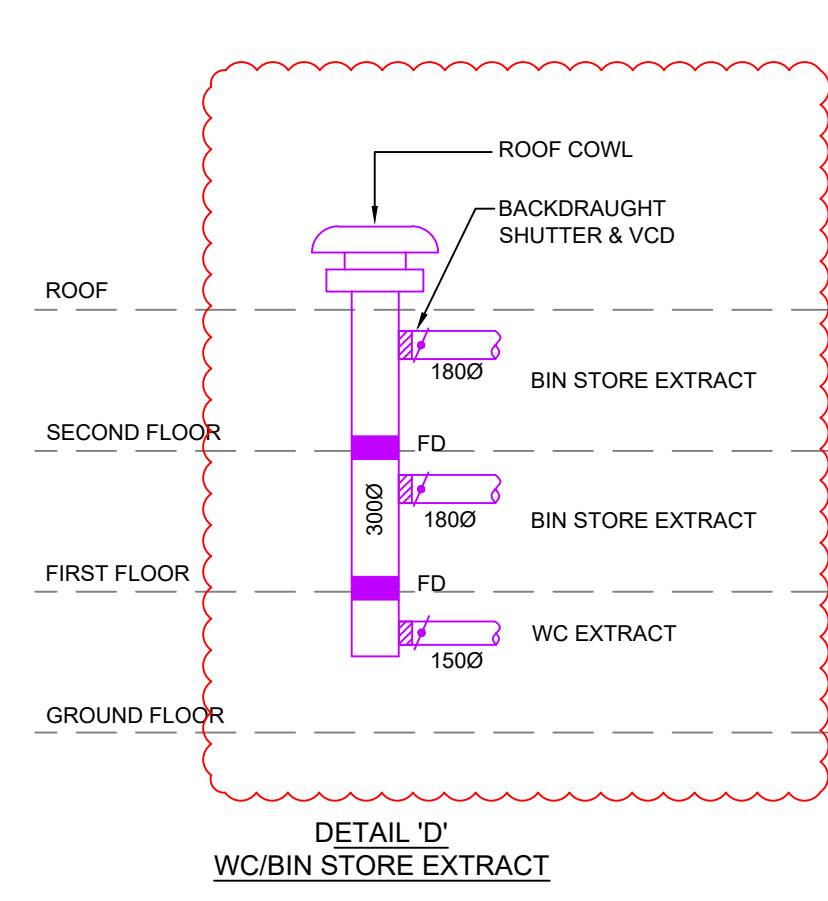
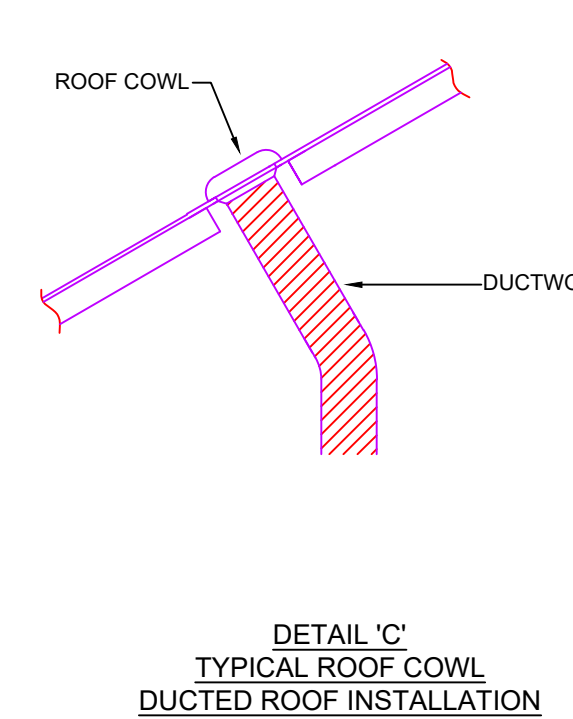
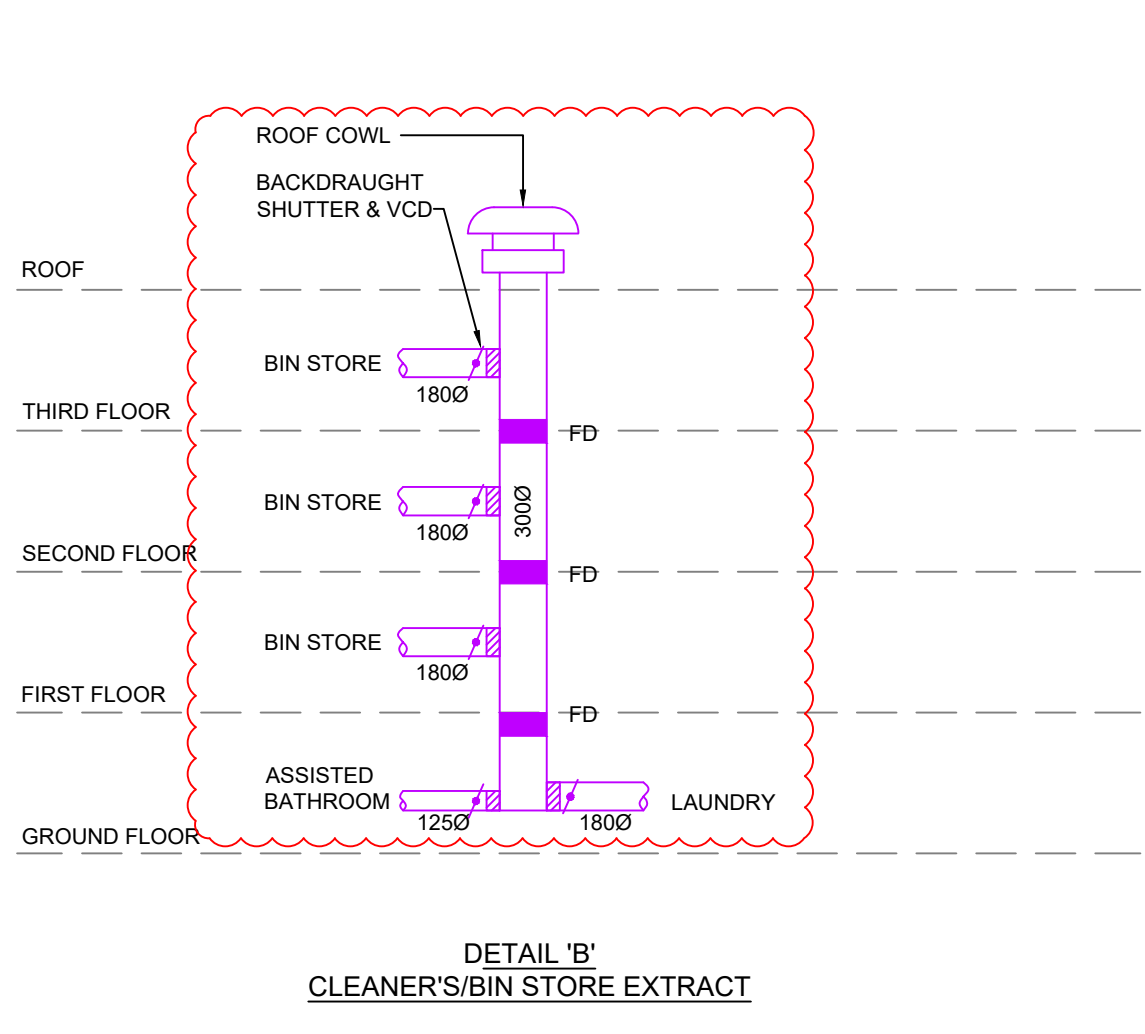
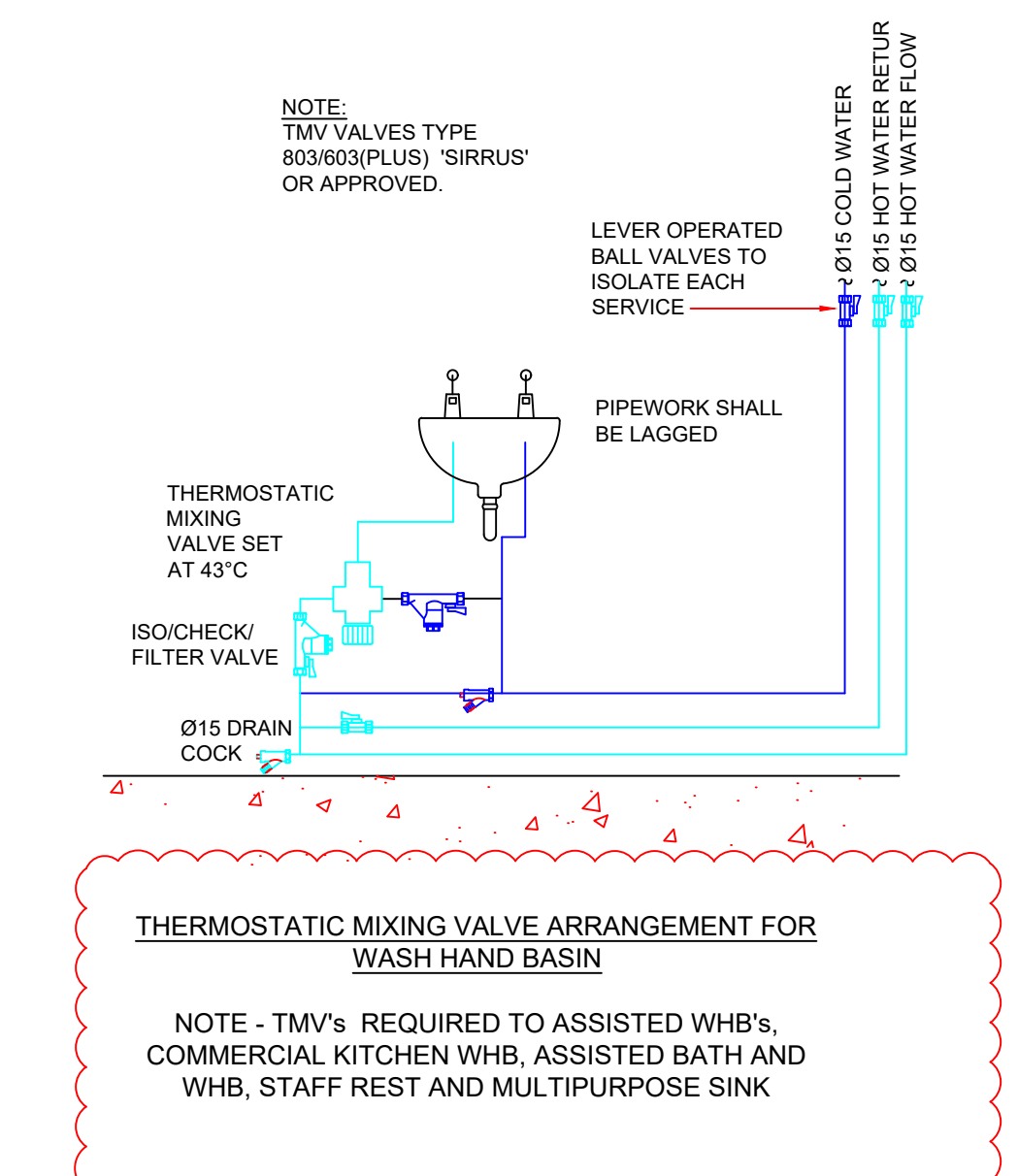




- GENERAL NOTES**
- 1) THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE MECHANICAL ENGINEERING GENERAL AND PARTICULAR SPECIFICATIONS.
- GENERAL NOTES FOR HEATING SERVICES**
- 1) ALL PIPEWORK SHALL BE PROVIDED WITH AUTOMATIC AIR VENTS (AAVS) AT HIGH POINTS AND DRAIN COCKS AT LOW POINTS.
- 2) ALL RADIATOR CONNECTIONS BBOE UNLESS SPECIFIED OTHERWISE ON DRAWING.
- 3) ALL HEATING F&R DROPPERS 15mm UNLESS INDICATED OTHERWISE ON DRAWING.
- GENERAL NOTES FOR VENTILATION**
- 1) ALL DUCTWORK ROUTES AND POSITIONS OF EQUIPMENT ARE APPROXIMATE. EXACT ROUTES AND POSITIONS ARE TO BE AGREED OR VERIFIED ON SITE.
- 2) ALL EQUIPMENT SHALL BE LOCATED/POSITIONED TO SPATIAL REQUIREMENT FOR MAINTENANCE AS RECOMMENDED BY THE MANUFACTURER.
- 3) ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
- 4) ALL EQUIPMENT SUPPORTED FROM WALLS/CEILINGS/FLOORS TO BE FIXED BY A METHOD TO BE APPROVED BY THE CONSULTING ENGINEER PRIOR TO COMMENCEMENT OF WORK OF FIXING.
- 5) FOR DETAILS OF ALL EQUIPMENT REFER TO THE SPECIFICATION.
- 6) NEW DUCTWORK TO BE INSULATED AS DETAILED WITHIN THE SPECIFICATION.
- 7) ALL DUCTWORK TO BE INSTALLED FULLY IN ACCORDANCE WITH HVCA DW144.
- 8) FLEXIBLE DUCTWORK SHALL BE NO GREATER THAN 500mm.
- GENERAL NOTES FOR DOMESTIC SERVICES**
- 1) ALL SANITARYWARE OUTLETS PLANT AND EQUIPMENT TO BE PROVIDED WITH ISOLATION VALVES TO LOCAL ISOLATORS.

MECHANICAL SERVICES LEGEND	
SYMBOL	DESCRIPTION
	COLD WATER TANK AND BOOSTER SET
	PIPEWORK AT LOW LEVEL
	PIPEWORK AT HIGH LEVEL WITHIN CEILING VOID
	PIPEWORK RISE OR FALL
	ISOLATION VALVE
	BALANCING VALVE
	DOUBLE CHECK VALVE
	HOT/COLD WATER OUTLET
	COLD WATER METER
	MIXER SHOWER
	IN-LINE EXTRACT FAN
	HEAT RECOVERY UNIT
	SUPPLY AIR GRILLE
	EXTRACT AIR GRILLE
	SUPPLY LOUVRE
	EXTRACT LOUVRE
	DUCTWORK
	DOOR TRANSFER GRILLE CW INTRINSIC CORE
	VOLUME CONTROL DAMPER
	CROSS TALK ATTENUATOR
	WALL MOUNTED AIR CONDITIONING EXTERNAL CONDENSER
	FLOOR STANDING AIR CONDITIONING EXTERNAL CONDENSER
	CEILING MOUNTED AIR CONDITIONING UNIT
	AIR CONDITIONING CONTROLLER
	HEAT RECOVERY UNIT CONTROLLER
	WALL MOUNTED AIR CONDITIONING UNIT
	BACKDRAUGHT SHUTTER
	RECTANGULAR DUCTWORK RISE/FALL
	RISE TO ABOVE
	DROP TO LOW LEVEL
	HIGH LEVEL
	LOW LEVEL
	RISE FROM BELOW

DRAWING NOTES	
	NATURALLY VENTILATED VIA OPENING DOORS/WINDOWS



18	EXTRACT & SUPPLY RISERS INDICATED.	D.W.	Sep. '20
17	UPDATED IN LINE WITH SEALY'S COMMENTS.	J.J.	Feb. '20
16	DRY RISER POSITIONS INDICATED.	D.L.	Dec. '19
15	REVISED FOLLOWING FURTHER COMMENTS	D.L.	Nov. '19
14	REVISED FOLLOWING DTM 15/10/19	D.L.	Oct. '19
13	REVISED IN LINE WITH ARCHITECTS COMMENTS	P.T.	Oct. '19
12	REVISED FOLLOWING DTM 10/9/19.	P.T.	Sep. '19
11	INFORMATION ISSUE.	P.T.	Aug. '19
Rev.	Description	Revised By	Date

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INFORMATION			
e c s CONSULTANTS			
Building Services Consulting Engineers			
148 Barkston Road			
Leicester, Leicestershire LE4 6PP			
Tel: 0145 283 2862 Fax: 0145 282 8825			
Web Site: www.ecs-ecs.co.uk Email: sales@ecs-ecs.co.uk			
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JOB TITLE			
Bellamy Court			
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DRAWING TITLE			
First Floor Domestic Services & Ventilation Layout			
ace ADVANCED CONSULTING ENGINEERS		ISO 9001 2015	