



NOTES

1. READ THIS DRAWING IN CONJUNCTION WITH THE COVER SHEETS & SCHEDULES
2. ALL DIMENSIONS ARE IN mm
3. DO NOT SCALE FROM THIS DRAWING
4. FLOOR PLANS DO NOT SHOW ALL PIPE SIZES, COMPONENTS & ACCESSORIES, REFER FLOW DIAGRAMS
5. TO UNDERGROUND INFRASTRUCTURE; REFER TYPICAL CONNECTION DETAIL
6. NOT USED
7. NEW SERVICES IN EXISTING RISER LOCATION:
PHASE 1: TEMPORARY CONNECTION TO EXISTING SERVICES AS THEY EXIT GROUND FLOOR SLAB
PHASE 2: REMOVE TEMPORARY CONNECTION WITHOUT LEAVING A DEAD LEG & FEED FROM NEW SERVICES ON SECOND FLOOR
8. DROP FROM HIGH LEVEL WITHIN THICKNESS OF WALL LINING; EXIT THROUGH WALL PENETRATIONS AT 150 AFL; CONTINUE INSULATION THROUGH WALL PENETRATIONS; BUILDING ISOLATION & DRAIN VALVES BEHIND ACCESS PANEL AT LOW LEVEL
9. 15/15 NEW CONNECTIONS TO EXISTING POINTS OF USE; FIT FLOW RESTRICTORS TO FIXTURES THAT DO NOT CONFORM TO THE SPECIFIED MAXIMUM FLOW RATE LIMITATIONS
10. NEW BASIN/SINK, MIXER TAP; WASTE & TRAP IN EXISTING LOCATION; FOR BASIN/SINK SPECIFICATION REFER ARCHITECTURAL; 15/15 NEW CONNECTIONS TO MIXER TAP; 32/40 CONNECTION TO EXISTING DRAINAGE
11. RUN PIPEWORK AS HIGH AS REASONABLY POSSIBLE IN CORRIDOR
12. MINIMUM ELEVATION CHANGE FOR PIPES TO CROSS WITH 20 CLARENCE AFTER INSULATION

LEGEND

LTWH-F	Low Temperature Heating Water - Flow
LTWH-R	Low Temperature Heating Water - Return
GWS	Gray Water Services
BCWS	Boosted Cold Water Service
MCWS	Mains Cold Water Service
HWS	Hot Water Service
HWS-R	Hot Water Service - Return
DRN	Drain
DRN-CR	Drain - Chemical Resistant
GAS	Natural Gas
ACR	Air-conditioning/Refrigeration
-----	Control Link
AP	Access Panel
DG	Door Grille
DG-FR	Door Grille - Fire Rated
EXT	Extract Air
EXH	Exhaust Air
FD	Fire Damper
FFL	Finished Floor Level
FSD	Fire & Smoke Damper
ID	Iris Damper
OA	Outside Air
OBD	Opposed Blade Damper
SA	Supply Air
SBD	Single Blade Damper
UFH	Under Floor Heating

Rev	Description	Date
T00	For Tender	23/11/06

Client	Bedford College
Site	Shuttleworth College Old Warden Park Biggleswade SG18 9DX
Project	Halls of Residence Fit Out



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Drawing Ref 02-15 M-LX-19	
Revision T00	Date 2023/11/06
Scale 1:50 at A1	Status For Tender