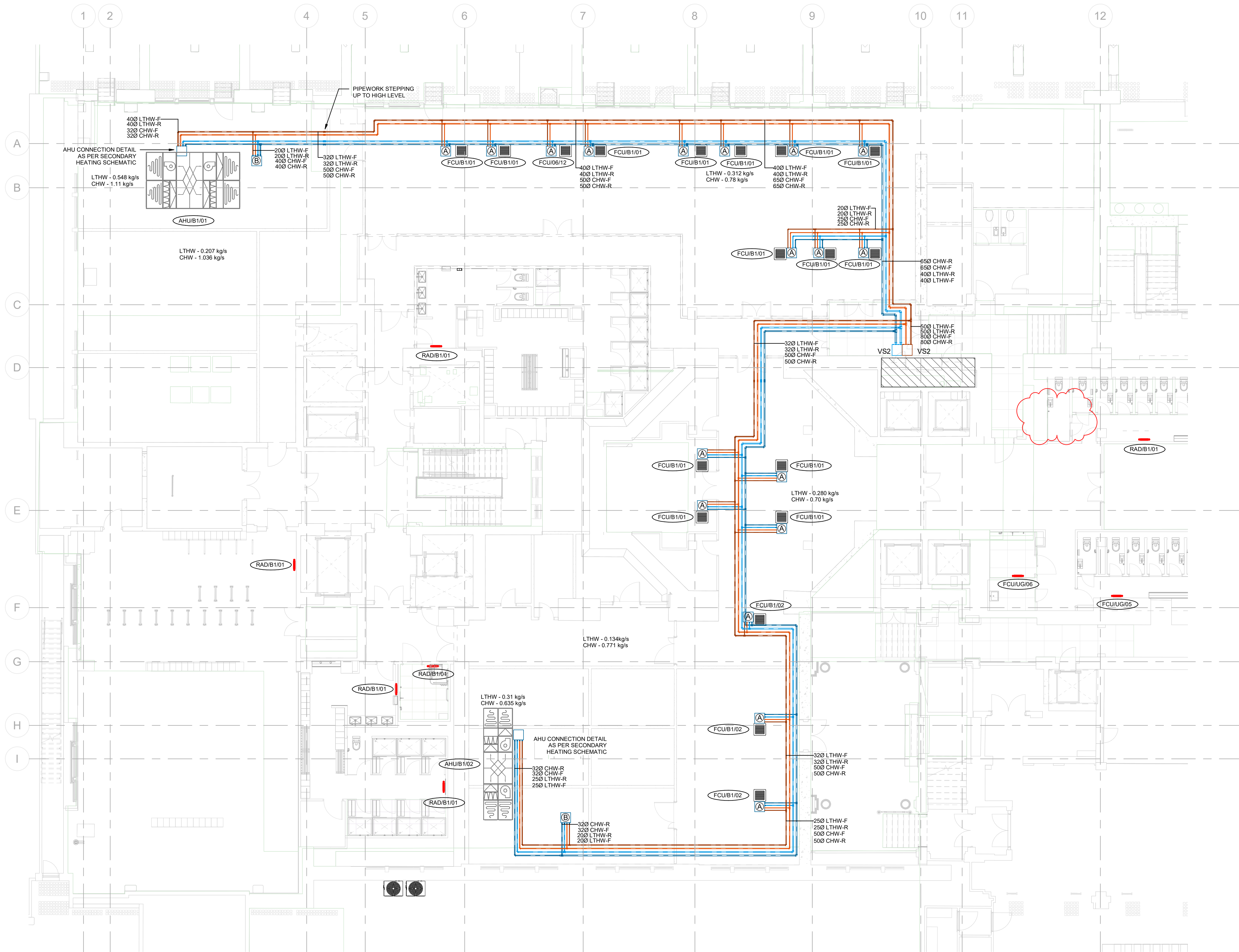




NOTES:

- DO NOT SCALE FROM THIS DRAWING.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH KJ TAIT MECHANICAL SPECIFICATION, THE ARCHITECTS DIMENSIONED LAYOUTS AND ALL OTHER RELEVANT CONTRACT DOCUMENTATION.
 - ALL PLANT AND EQUIPMENT SHALL BE INSTALLED, REGULATED AND TESTED IN ACCORDANCE WITH THE MANUFACTURERS PRINTED INSTRUCTIONS
 - ALL INTERNAL HEATING AND CHILLED WATER PIPEWORK TO BE CARBON STEEL PIPEWORK TO BS 1387 THERMALLY INSULATED WITH FOIL FACE 'CLASS O' INSULATION AND ALUMINIUM HAMMER CALD PROTECTIVE CASING
 - AUTOMATIC AIR VENTS SHALL BE FITTED ON ALL SYSTEM HIGH POINTS AND MANUAL DRAIN COCKS ON SYSTEM LOW POINTS
 - ALL PIPEWORK PENETRATIONS THROUGH FIRE RATED STRUCTURES OR BARRIERS TO BE SUITABLY FIRED RATED.
 - ALL VALVES TO BE FULLY ACCESSIBLE AND PROVIDED WITH IDENTIFICATION LABELS
 - THE CONTRACTOR SHALL ALLOW FOR TESTING COMMISSIONING AND SETTING TO WORK ALL HEATING, CHILLED WATER AND VENTILATION SYSTEMS IN ACCORDANCE WITH THE RELEVANT CIBSE COMMISSIONING CODES AND THE BSRIA APPLICATION GUIDES
 - THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF THEIR WORKS WITH ALL OTHER TRADES

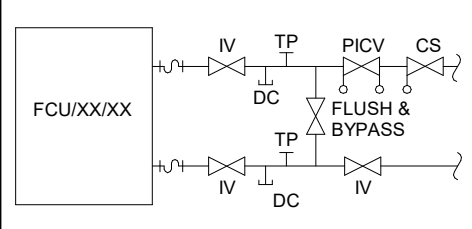
CEILING VOID PIPEWORK SERVICES:

- NEW LTHW FLOW PIPEWORK
- NEW LTHW RETURN PIPEWORK
- NEW CHW FLOW PIPEWORK
- NEW LTHW RETURN PIPEWORK

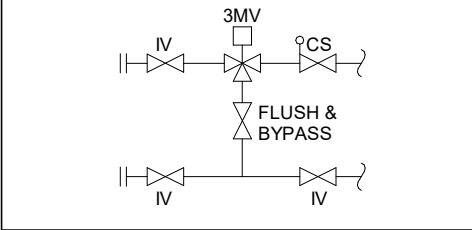
CEILING VOID PIPEWORK SERVICES:

- (A) VALVE SET
(T) TEMPERATURE CONTROLLER

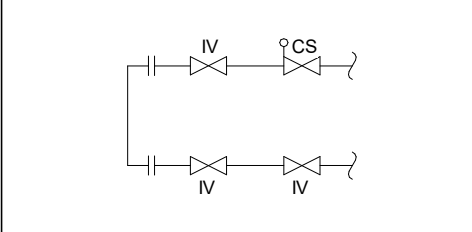
DETAIL A- STANDARD FCU CONNECTION DETAIL



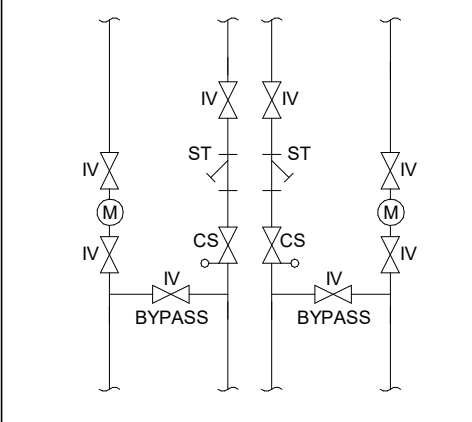
DETAIL B- END OF RUN 3-PORT BYPASS



DETAIL C- FUTURE CONNECTION BYPASS



VS2 VALVE SET DETAIL



S4-P07	15/09/2023	STAGE 4 ISSUE: REFERENCES ADDED	TE	MT
S4-P06	23/08/2023	STAGE 4 ISSUE: FLOW RATES AND SIZES ADDED	TE	MT
S4-P05	16/06/2023	STAGE 4 ISSUE	TE	AG
S4-P04	12/04/2023	RELOCATION OF LOADING DECK CONDENSERS	TE	AG
S4-P03	28/10/2022	TENDER ISSUE	AG	MT
S2-P02	14/10/2022	TENDER ISSUE	TE	AG
S2-P01	30/09/2022	INFORMATION ISSUE	TE	AG
SUIT- REV	DATE	DESCRIPTION	DRN	CHK

STAGE 4

THIS DRAWING IS COPYRIGHT. DO NOT SCALE FROM DRAWING. THE CONTRACTOR AND THEIR SUB-CONTRACTORS ARE TO VERIFY ALL DIMENSIONS ON SITE BEFORE MAKING SHOP DRAWINGS OR COMMENCING MANUFACTURE.

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DRAWING INFORMATION

DRAWING TITLE MECHANICAL SERVICES
BASEMENT 1 HTG & COOLING LAYOUT
SHEET 1 of 2

DESIGNED BY AG	DATE OCT 2022
DRAWN BY MZ	KJT JOB No.
SCALE 1 : 100 @ A1	L3221
JOB CODE L3221	ORIGIN-VOL-LEVEL-TYPE-ROLE-CLASS NUMBER KJT-01-B1-DR-M-5501
SUIT- REV S4 - P07	