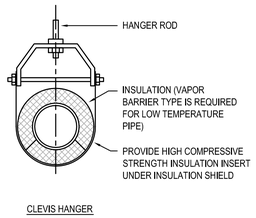
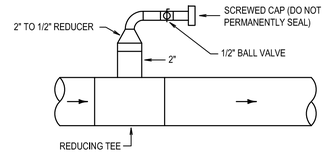


1 – M0.1

PIPE HANGER DETAIL

SCALE: NONE

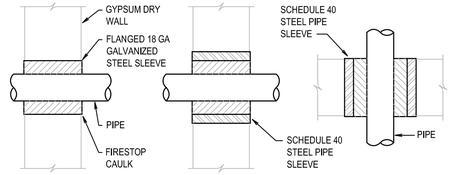


2 – M0.1

PIPING AIR VENT/DRAIN DETAIL

SCALE: NONE

NOTES:
1. INSTALL AIR VENT AT ALL HIGH POINTS IN ALL PIPING SYSTEMS.

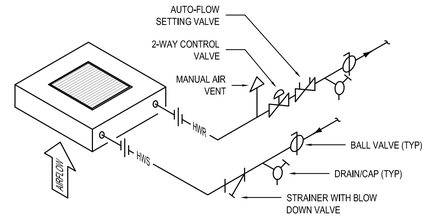


3 – M0.1

PIPE SLEEVE DETAIL

SCALE: NONE

NOTES:
1. DETAIL IS TYPICAL FOR CHW, HW, AND CONDENSATE PIPING WALL PENETRATIONS IN NON-FIRE RATED WALLS.
2. PROVIDE ESCUTCHEONS WHERE PENETRATIONS ARE EXPOSED IN FINISHED AREAS.



4 – M0.1

HEATING WATER COIL PIPING DETAILS

SCALE: NONE

NOTES:
1. DETAILS ARE TYPICAL FOR ALL INTERIOR HEATING WATER COILS.
2. CHARACTERIZED CONTROL VALVES SHALL BE FURNISHED BY BAS CONTRACTOR, INSTALLED BY MECHANICAL CONTRACTOR.
3. INSTALL TWO-WAY VALVE UNLESS NOTED OTHERWISE.

23 3700: AIR INLET AND OUTLET SCHEDULE

MARK	DESCRIPTION	MOUNTING	NECK	BASIS OF DESIGN		
				MFR	MODEL	MATERIAL
CD-1	CEILING SUPPLY DIFFUSER, LOUVER	LAY-IN T-BAR	SQUARE	METAILAIRE	5500	ALUMINUM
CD-2	CEILING SUPPLY DIFFUSER, LOUVER	SURFACE - FLUSH MTD	SQUARE	METAILAIRE	5500	ALUMINUM
CRG-1	CEILING RETURN / EXHAUST GRILLE	LAY-IN T-BAR	SQUARE	METAILAIRE	CC5	ALUMINUM
CRG-2	CEILING RETURN / EXHAUST GRILLE	SURFACE - FLUSH MTD	SQUARE	METAILAIRE	CC5	ALUMINUM
LSD	LINEAR SLOT DIFFUSER	SURFACE	ROUND	METAILAIRE	6675	ALUMINUM
LSD-R	LINEAR SLOT DIFFUSER RETURN	SURFACE	-	METALAIRE	6675R	ALUMINUM
SWSG, SWTG, SWEG	SIDEWALL SUPPLY / TRANSFER / EXHAUST GRILLE	SURFACE - FLUSH MTD	-	METALAIRE	4000	ALUMINUM
SWRG	SIDEWALL RETURN GRILLE, 45° DEFLECTION	SURFACE - FLUSH MTD	-	METALAIRE	H4002R-1	ALUMINUM

NOTES:
1. COORDINATE EXACT LOCATIONS WITH REFLECTED CEILING PLAN-ARCHITECTURAL.
2. PROVIDE OPPOSED BLADE DAMPERS IN ALL SUPPLY DIFFUSERS AND GRILLES.
3. FIRST AND SECOND NUMBER IN DIFFUSER MARK INDICATES NECK SIZE.
4. CD-1,2: PROVIDE 4-WAY MODEL, UNO.
5. CD-1,2: PROVIDE SQUARE-TO-ROUND TRANSITION.
6. CD-1, CRG-1: PROVIDE 24"x24" FRAMES. PROVIDE FILL PANEL AS REQUIRED.

23 8200: REHEAT AIR COIL SCHEDULE

MARK	SERVICE	MODEL	EXISTING TU INLET SIZE	LOCATION	EXISTING TU MAX CFM	EXISTING TU MIN CFM	DESIGN RHC MAX CFM	MAX SP DROP IN WC	MBH	GPM	EAT DB, °F	LAT DB, °F	MAX WPD, FT	MAX WIDTH, IN	MAX HEIGHT, IN	BRANCH PIPING, IN	ROWS	WEIGHT, LBS.
RHC-M203	241, 243, 245 - OFFICES	DB2B12	12	ATTIC	1355	600	840	0.83	51.4	2.6	55	90	1.32	15	12	3/4	2	28
RHC-M206	229 - OPEN OFFICE	DSTB09	10	ATTIC	1070	340	760	1.17	40.6	2.3	55	90	3.16	13	9	3/4	2	17
RHC-M208	223, 225, C227- OPEN OFFICE	DP2B12	12	ATTIC	1355	600	810	0.83	51.4	2.6	55	90	1.32	15	12	3/4	2	28
RHC-M216	254, C250, 258 - OPEN OFFICES	DP2B12	10	ATTIC	1070	340	520	0.61	40.6	2.0	55	90	0.39	15	12	3/4	2	28
RHC-M218	259, 261, 263 - OFFICES	DT0B09	10	ATTIC	1070	340	855	1.04	40.6	2.0	55	90	2.69	14	9	3/4	2	17
RHC-M219	211 - CONFERENCE	DP2B12	10	ATTIC	1070	340	430	0.61	40.6	2.0	55	90	0.39	15	12	3/4	2	28
RHC-M220	203 - GATHERING	DP2B12	10	ATTIC	1070	340	475	0.61	40.6	2.0	55	90	0.39	15	12	3/4	2	28
RHC-M223	203 - ARENA	DP2B12	10	ATTIC	1070	340	570	0.61	40.6	2.0	55	90	0.39	15	12	3/4	2	28
RHC-M225	201 - MAKER LAB	DP2B12	10	ATTIC	1070	340	930	0.61	40.6	2.0	55	90	0.39	15	12	3/4	2	28
RHC-M229	265, 267, 269 - OFFICES	DT0B09	10	ATTIC	1070	340	855	1.17	40.6	2.3	55	90	3.16	12	9	3/4	2	17
RHC-M230	208 - KITCHENETTE	DT0B06	6	ATTIC	290	145	250	0.59	11.1	0.6	55	90	0.46	8	6	3/4	2	10
RHC-M231	272, 270, C260 - OPEN OFFICE	DP2B12	10	ATTIC	1070	340	465	0.61	40.6	2.0	55	90	0.39	15	12	3/4	2	28
RHC-M232	271, 273 - OFFICES	DP2B12	10	ATTIC	1070	340	570	0.61	40.6	2.0	55	90	0.39	15	12	3/4	2	28

NOTES:
1. DESIGN AND PERFORMANCE BASED ON TRANE.
2. HEATING COIL CAPACITIES ARE BASED ON 160°/120° F EWT/LWT.
3. HEATING PERFORMANCE DATA BASED ON WATER.
4. PROVIDE FLEXIBLE DUCT CONNECTORS AT ALL DUCT CONNECTIONS. FIELD VERIFY ALL DUCT CONNECTIONS PRIOR TO FABRICATION.
5. MECHANICAL CONTRACTOR TO PROVIDE PIPING PACKAGE. BAS CONTRACTOR TO FURNISH TWO-WAY VALVE & ACTUATOR, INSTALLED BY MECHANICAL CONTRACTOR.
6. DDC CONTROLS FURNISHED AND FIELD INSTALLD BY BAS CONTRACTOR.

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SECOND FLOOR RENOVATIONS
OLSSON HALL; BUILDING NO. 0202

RECORD DRAWINGS

DETAILS SCHEDULES

DATE: 04/23/18
DRAWN BY: CJP/BNM
CHECKED BY: PMM
REVISIONS

PROJECT NUMBER
P04406

M0.1
SHEET