

A	REFER TO THE ARCHITECTURAL DRAWINGS FOR CEILING TYPES FINISHES AND COORDINATION OF CEILING MOUNTED DEVICES WITH ALL OTHER TRADES.
B	PROVIDE FIRE STOP AT ALL PENETRATIONS OF RATED ASSEMBLIES. REFER TO THE ARCHITECTURAL DRAWINGS FOR LOCATIONS.
C	PROVIDE LOCKABLE COVERS FOR ALL THERMOSTATS/SENSORS WITHIN PUBLIC AREAS.
D	DO NOT FABRICATE OR ORDER ANY PIPING, DUCTWORK, EQUIPMENT, ETC. UNTIL FULL COORDINATION WITH ALL OTHER TRADES HAS BEEN COMPLETED.
E	CONTRACTOR SHALL SUBMIT 1/4" SCALE COORDINATION DRAWINGS SHOWING COORDINATION WITH FIRE PROTECTION, PLUMBING, LIGHTING, AND STRUCTURE.
F	PREP ALL EXPOSED DUCTWORK, ETC TO RECEIVE PAINT.

AIR COOLED CHILLER SCHEDULE (BASED ON TRANE)																			City of Dublin OHIO, USA	
TAG	MODEL	TYPE	REFRIG. TYPE	CAPACITY (TONS)	EVAPORATOR				COMPRESSOR		COND. FAN		OPER. WEIGHT (LBS)	NPLV (BTU/W-H)	ELECTRICAL DATA			REMARKS		
					FLOW (GPM)	EW/T ('F)	LWT ('F)	WPD (FT)	NO./TYPE	EER	STEPS CAPACITY	NO.			HP	MOP	KW		VOLTS / PH.	
CH-1	CGAM	SCROLL	R410A	109	231.3	53.99	42	17.39	4 SCROLL	13.2	4	8	1.3	6884	14.64	250	139.10	460/3	PROVIDE WITH FACTORY DISCONNECT	
																			Approved for Construction CAL-TR-20-00218 07/16/20	

7001 Dublin Park Dr.
Dublin, Ohio 43016

PROJECT NUMBER: CHILL 10

1 CODED NOTES:
2 TRANSFER AIR FROM ICE ARENA
3 100% OUTSIDE AIR.

[illegible]

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AIR DISTRIBUTION DEVICE SCHEDULE													
(BASED ON TITUS)													
NOTES : 1. SYMBOL KEY -- FIRST LETTER: S-SUPPLY R-RETURN E-EXHAUST T-TRANSFER SECOND LETTER: D-DIFFUSER R-REGISTER G-GRILLE 2. BORDER STYLE -- REFER TO REFLECTED CEILING PLAN 3. DAMPERS -- OPERABLE FROM FACE OB: OPPOSED BLADE ROB: RADIAL, OPPOSED BLADE B: BUTTERFLY													
TAG	MODEL	SIZE		MOUNTING				MATERIAL		ACCESSORIES			REMARKS
		FACE	NECK	SIDE-WALL	CEILING	DUCT	FLOOR	STEEL	ALUM.	DPR.	EQUAL GRID	FIRE DPR.	
SD-1	OMNI	24/24	6"Ø	●				●			ROB		
SD-2	OMNI	24/24	8"Ø	●				●			ROB		
SD-3	OMNI	24/24	10"Ø	●				●			ROB		
SD-4	OMNI	24/24	12"Ø	●				●			ROB		
SD-5	OMNI	12/12	6"Ø	●				●			ROB		
SG-1	301RL	16/8	14/6		●			●			OB		
SG-2	301RL	14/14	12/12	●				●			OB		
SG-3	301RL	16/8	14/6	●		●			●		OB		
SG-4	S300FL	12/4	14/6		●				●		OB		PROVIDE WITH MODEL ASD AIR SCOOOP DEVICE.
RG-1	350RL	24/12	22/10		●				●				
EG-1	350RL	24/12	22/10		●				●		OB		
EG-2	350RL	16/8	14/6	●		●			●		OB		
EG-3	350RL	10/8	8/6	●		●			●		OB		

ELECTRIC AIR CURTAIN SCHEDULE (BASED ON BERNER)									
TAG	MODEL/ ELEMENT	TYPE	HTR KW	VOLTAGE	OVERALL LENGTH	MOTORS	CFM	WEIGHT	REMARKS
AC-1	ALC08-2084F	WALL MOUNTED ABOVE DOOR	20.0	480V	84"	2/16 HP 1191	2424	110 LBS	PROVIDE WITH DOOR SWITCH, DISCONNECT SWITCH, FACTORY MOUNTED CONTROLLER, TEMPERATURE SENSOR, MOUNTING BRACKETS.

GAS UNIT HEATER SCHEDULE								
(BASED ON MODINE)								
TAG	MODEL	TYPE	INPUT (MBH)	CFM	V/Ph/Hz	FLUE NEW (EXIST)	WEIGHT (LBS)	REMARKS
UH-1	HD-75	SUPPORTED FROM STRUCTURE	75	1160	1201/60	3" (5")	85	①③③
UH-2	HD-100	SUPPORTED FROM STRUCTURE	100	1490	1201/60	4" (6")	125	①③③
☐NOTES: 1 PROVIDE TAMPER PROOF, UNIT MOUNTED THERMOSTAT 2 PROVIDE INTEGRAL FUSED DISCONNECT. 3 PROVIDE UNIT WITH WALL MOUNTING BRACKET AND MOUNT OFF-WALL SECURE UNIT PER MANUFACTURERS RECOMMENDATION. COORDINATE FINAL LOCATION AND WALL TYPE PRIOR TO INSTALLATION.								

TAG	MODEL	TYPE	KW		V/Ph/Hz	AMPS		REMARKS
EWH-1	CWH3307F	RECESSED WALL MOUNT	3000		277/1/60	10.8		①
EDH-1.2	CD547	RECESSED CEILING MOUNT	3000		277/1/60	10.8		①

○	<u>NOTES:</u>	
1	PROVIDE TAMPER PROOF, UNIT MOUNTED THERMOSTAT	4 EXPLOSION PROOF FOR HIGH HAZARD APPLICATIONS.
2	PROVIDE INTEGRAL FUSED DISCONNECT.	5
3	CORROSION RESISTANT FOR HIGH HUMIDITY APPLICATIONS	PROVIDE UNIT WITH WALL MOUNTING BRACKET AND MOUNT OFF WALL SECURE UNIT PER MANUFACTURERS REQUIREMENTS. COORDINATE FINAL LOCATION AND WALL TYPE PRIOR TO INSTALLATION.

LOUVER SCHEDULE							
(BASED ON RUSKIN)							
TAG	MODEL	TYPE	SIZE (WxH)	CFM	P.D. (IN H ₂ O)	WATER PENETRATION (OZ/SP) MAX	REMARKS
L-1	ELF 6375 DX	DRAINABLE BLADE	48"x48"	6,800	0.10	0.01	MAKE UP AIR INTAKE FOR EF-8 AND EF-10. LOUVER FRAME AND DRAINABLE BLADES CONSTRUCTED FROM EXTRUDED ALUMINUM. PROVIDE WITH BIRD AND INSECT SCREEN AND MOTORIZED DAMPER. INTERLOCK DAMPER WITH EF-8 CFM FOR MINIMUM AIR CFM AND EF-10 FOR MAXIMUM AIR CFM. COLOR TO BE SELECTED BY ARCHITECT.
L-2	ELF 6375 DX	DRAINABLE BLADE EXHAUST	24x24	800	0.08	0.02	EXHAUST AIR FOR DEHUMIDIFICATION UNIT REACTIVATION. LOUVER FRAME AND DRAINABLE BLADES CONSTRUCTED FROM EXTRUDED ALUMINUM. PROVIDE WITH BIRD AND INSECT SCREEN. COLOR TO BE SELECTED BY ARCHITECT.
L-3	ELF 6375 DX	DRAINABLE BLADE INTAKE	24x24	800	0.08	0.02	INTAKE AIR FOR DEHUMIDIFICATION UNIT REACTIVATION. LOUVER FRAME AND DRAINABLE BLADES CONSTRUCTED FROM EXTRUDED ALUMINUM. PROVIDE WITH BIRD AND INSECT SCREEN. COLOR TO BE SELECTED BY ARCHITECT.
L-4	ELB0 813	COMBINATION BACKRAFT ROOFLOUVER DAMPER	36x36	1850	0.12	0.02	BAROMETRIC RELIEF LOUVER DAMPER. LOUVER FRAME AND DRAINABLE BLADES CONSTRUCTED FROM EXTRUDED ALUMINUM. PROVIDE WITH BIRD AND INSECT SCREEN. COLOR TO BE SELECTED BY ARCHITECT.
L-5	ELF 6375 DX	DRAINABLE BLADE INTAKE	42x42	4450	0.05	0.02	MAKEUP AIR FOR CARBON MONOXIDE EXHAUST FANS. LOUVER FRAME AND DRAINABLE BLADES CONSTRUCTED FROM EXTRUDED ALUMINUM. PROVIDE WITH BIRD AND INSECT SCREEN. COLOR TO BE SELECTED BY ARCHITECT. PROVIDE MOTORIZED DAMPER TO OPEN ON SIGNAL FROM CARBON MONOXIDE SENSOR.

REHEAT COIL SCHEDULE (BASED ON TRANE)								
TAG	TYPE	MODEL	CFM	HEATING COIL			DUCT SIZE	REMARKS
				CAP (MBH)	HWE/HWL TEMP	FLOW (GPM)		
RH-B1	DUCT MOUNTED REHEAT COIL	DT8B0902G	1,100	77	180 F / 150 F	5.13	24x8	PROVIDE 3-WAY HOT WATER CONTROL VALVE.
RH-B2	DUCT MOUNTED REHEAT COIL	DT8B0902SG	1,200	94.5	180 F / 140 F	4.7	26x8	PROVIDE 3-WAY HOT WATER CONTROL VALVE.
RH-B3	DUCT MOUNTED REHEAT COIL	DT8B0910G	300	29.5	180 F / 167 F	4.7	10x8	PROVIDE 3-WAY HOT WATER CONTROL VALVE.

MECHANICAL SCHEDULES

SCALE: 1/8"=1'-0"

ISSUE DATE:	
REVISIONS	
NUMBER	DATE
1	02/27/2020
2	04/17/2020
3	05/14/2020
5	06/19/2020

M3