

AIR HANDLING SCHEDULE - 100% OUTSIDE AIR

NOTES:

1. REFERENCE SPECIFICATION SECTION 23 73 00, INDOOR CENTRAL STATION AIR HANDLING UNITS.
2. PROVIDE SHAFT GROUNDING AS REQUIRED IN THE MOTOR SPECIFICATION 23 12 12.
3. ONE FULLY RATED (N+1) SUPPLY FAN SHALL BE PROVIDED FOR EACH FAN ARRAY. SCHEDULED RPM AND BHP REPRESENT N PERFORMANCE.
4. PROVIDE 1 VFD PER SUPPLY FAN.
5. PROVIDE 100% FLOW RATE WHEN SELECTED WITH 100% WATER. GLYCOL HEATING WATER COIL IS SELECTED WITH 30% PROPYLENE GLYCOL.
6. TOTAL EXTERNAL STATIC PRESSURE DOES NOT INCLUDE FILTER LOADING. MANUFACTURER SHALL INCLUDE DIRTY FILTER ALLOWANCE IN TOTAL.
7. STEAM PRESSURE INDICATED IS THE PRESSURE AVAILABLE DOWNSTREAM OF THE CONTROL VALVE.
8. PROVIDE AHU WITH INTERLOCK MOTOR TO PREVENT OVERHEATING.

		SUPPLY FAN (NOTE 2, 3, & 4)									HEATING COIL - GLYCOL HEATING WATER (NOTE 5)					HUMIDIFIER (NOTE 7)					COOLING COIL - CHILLED WATER (NOTE 5)					ULTRA-VIOLET LIGHT			COMBINATION FILTER (NOTE 6)					FINAL FILTER				ELECTRICAL					MAXIMUM DIMENSIONS																						
TAG NAME	SERVICE	NO. OF FANS	CFM TOTAL	MIN. CFM	EXT. S.P.	TYPE	RPM (NOTE D)	BHP EACH (NOTE E)	MHP EACH (NOTE E)	MINIMUM OUTSIDE AIR CFM	EAT °F	LAT °F	EWT °F	LWT °F	GPM	PMH	MAX. A.P.D. IN. W.C.	W.P.D. FEET HEAD	TYPE	CFM	STEAM CAPACITY (LB/SHR)	STEAM PSIG	MANUFACTURER	EAT DB °F	EAT WB °F	LAT DB °F	LAT WB °F	EWT °F	LWT °F	TOTAL MBH	GPM	W.P.D. FEET HEAD	MAX. A.P.D. IN. W.C.	NUMBER OF ROWS	INTENSITY AT COIL SURFACE	TOTAL POWER (WATTS)	FIRST STAGE FILTER				SECOND STAGE FILTER				TYPE	FACE VELOCITY	CLEAN	DIRTY	PRESSURE DROP	NO. OF POWER CONNECTIONS	VOLTAGE	PHASES	DISCONNECT(S)		CONTROLLER STATER(S)		SCCR	NO. OF AUXILIARY CONNECTIONS	LENGTH	WIDTH	HEIGHT	WEIGHT	MANUFACTURER	MODEL	NOTES
																																					BY (NOTE A)	TYPE (NOTE B)	BY (NOTE C)	TYPE (NOTE C)																									
AHU-1	STERILE PROCESSING AREA	4	12000	12000	2.5	PLENUM	3420	6	6.5	12000	-20.0	65.0	175	145	73.4	1329	0.1	4.7	DISPERSION TUBE	12,000	341	15	DRI-STEAM	95	78	46.8	46.8	40	52	1165.1	193.2	9.17	0.66	4	31.4 W/ft²	1480	MERV 8	270	2	.74	MERV 13	270	2	1	MERV 14	270	0.2	0.88	1	480	3	EC	F	MFR	VFD	65000	3	351"	86"	90"	15160	TEMTROL	CUSTOM	NOTE 8	

AIR HANDLING SCHEDULE - MIXED AIR VAV

NOTES:

- 1. REFERENCE SPECIFICATION SECTION 23 73 00 INDOOR CENTRAL-STATION AIR-HANDLING UNITS.
- 2. PROVIDE SHAFT GROUNDING AS REQUIRED IN THE MOTOR SPECIFICATION 23 09 12.
- 3. ONE FULLY REDUNDANT (N+1) SUPPLY/RETURN FAN SHALL BE PROVIDED FOR EACH FAN ARRAY. SCHEDULED RPM AND BHP REPRESENT N PERFORMANCE.
- 4. PROVIDE 1 VFD PER SUPPLY/RETURN FAN.
- 5. CHILLED AND HEATING WATER COILS ARE SELECTED WITH 100% WATER.
- 6. TOTAL EXTERNAL STATIC PRESSURE DOES NOT INCLUDE FAN LOADING. MANUFACTURER SHALL INCLUDE DIRTY FILTER ALLOWANCE IN TOTAL STATIC PRESSURE CALCULATION.
- 7. STEAM PRESSURE INDICATED IS THE PRESSURE AVAILABLE DOWNSTREAM OF THE CONTROL VALVE.
- 8. PROVIDE AIR/FILTER INTERNAL MOTOR REMOVAL RAILS FOR FAN AND FILTER.

TAG NAME	SERVICE	SUPPLY FAN (NOTE 2, 3, & 4)								RETURN FAN (NOTE 2, 3, & 4)								HEATING COIL - HEATING WATER (NOTE 5)								HUMIDIFIER (NOTE 7)								COOLING COIL - CHILLED WATER (NOTE 5)								ULTRA-VIOLET LIGHT				ELECTRICAL												COMBINATION FILTER (NOTE 6)								MAXIMUM DIMENSIONS			WEIGHT	MANUFACTURER	MODEL	NOTES
		NO. OF FANS	CFM TOTAL	MIN. CFM	EXT. S.P.	TYPE	RPM (NOTE D)	BHP (NOTE E)	MHP (NOTE E)	NO. OF FANS	CFM TOTAL	MIN. CFM	EXT. S.P.	TYPE	RPM (NOTE D)	BHP (NOTE E)	MHP (NOTE E)	MINIMUM OUTSIDE AIR CFM	EAT °F	LAT °F	LWT °F	EWT °F	GPM	MBH	MAX. A.P.D. IN. W.C.	F.P.E.D. FEET HEAD	TYPE	CFM	STEAM CAPACITY (LBS/HR)	STEAM PSIG	MANUFAC TURER	EAT DB °F	EAT WB °F	LAT DB °F	LAT WB °F	EWT °F	LWT °F	TOTAL MBH	GPM	W.P.D. FEET HEAD	MAX. A.P.D. IN. W.C.	NUMBER OF ROWS	INTENSITY AT COIL SURFACE	TOTAL POWER (WATTS)	NO. OF POWER CON- NECTI-ONS	VOLTAGE	PHASES	DISCONNECT(S)		CONTROLLER STATER(S)		SCCR	NO. OF AUXILIARY CONN-ECTI-ONS	COMBINATION FILTER (NOTE 6)				LENGTH	WIDTH	HEIGHT												
																																																BY (NOTE A)	TYPE (NOTE B)	BY (NOTE A)	TYPE (NOTE C)			FACE VELOCITY	PRESSURE CLEAN	PRESSURE DROP DIRTY	FACE VELOCITY				PRESSURE CLEAN	PRESSURE DROP DIRTY										
																																																															TYPE	FACE VELOCITY	PRESSURE CLEAN	PRESSURE DROP DIRTY	TYPE	FACE VELOCITY				
AHU-2	STERILE PROCESSING ADMINISTRATIVE AREA	2	5000	2500	1.8	PLENUM	3443	6.1	7.5	2	5000	2500	1.5	PLENUM	2254	2.7	3	1250	39.3	65.0	180	150	9.8	144	0.1	2.8	DISPERSION TUBE	5,000	142		15	DRI-STEAM	80.9	69.4	52.3	52	40	52	261.6		43.4	9.94	0.45	4	45.6 W/ft²	248	2	480	3	EC	F	MFR	VFD	65000	3	MERV 8	270	2	.85	MERV 13	270	2	.85	374"	46"	77"	9969	TEMTRON	CUSTOM	NOTE 8		

FAN SCHEDULE

NOTES:
1. PROVIDE SHAFT GROUNDING AS REQUIRED IN THE MOTOR SPECIFICATION 23 05 12.
2. PROVIDE TWO (2) 30 AMPERE CIRCUIT BREAKERS FOR EACH MOTOR IN THE MOTOR ROOM.
3. PROVIDE FAN IN A DUAL FAN CONFIGURATION WITH SHARED INLET PLENUM AND BYPASS AIR DAMPERS. DUAL FANS SHALL BE n+1 REDUNDANT SUCH THAT EACH FAN IS INDEPENDENTLY CAPABLE OF OPERATING AT THE SCHEDULED AIRFLOW. AT FULL SPEED (SCHEDULED AIRFLOW), THE BYPASS DAMPER WILL BE COMPLETELY CLOSED. BYPASS DAMPER WILL MODULATE OPEN TO MAINTAIN A MINIMUM STACK HEIGHT OF 20 FEET AS THE EXHAUST FAN RAMPS DOWN.
4. PROVIDE TWO (2) 30 AMPERE CIRCUIT BREAKERS FOR EACH MOTOR IN THE MOTOR ROOM. PROVIDE AN AUTOMATIC SHUT-OFF SWITCHES FOR ALL DAMPERS AND COVER IN POSITION PRIOR TO START UP. SHUT-OFF SWITCHES SHALL BE LOCATED IN THE MOTOR ROOM.
5. PROVIDE FANS WITH FINISH THAT INCLUDES OF FLEXY BASE COAT AND ELECTROSTATIC POWDER COATED HYPO-POYESTER TOP COAT.

TAG NAME	SERVICE	CFM	S.P. DIA. W.C.	FAN CLASS	WHEEL INCHES	FAN RPM (NOTE F)	DRIVE TYPE	MAX. AMP SONES	BACKDRIFT DAMPER TYPE	CURB TYPE (NOTE G)	ELECTRICAL (NOTE 1)										VIBRATION ISOLATION		NOTES		
											DISCONNECT				CONTROLLER/ STARTER			SCCR	WEIGHT	TYPE	DEFL.	MANUFACTURER		MODEL	
											BY (NOTE A)	TYPE (NOTE B)	BY (NOTE A)	TYPE (NOTE C)	BHP	MHP	VOLTAGE								PHASES
EF-2A	CLEAN WORKROOM INSULATION SET ASSEMBLY	1760	1.75	I	25.9	1170	BELT	155	MOD	MFR	5.2	6	480	3	EC	NF	MFR	VFD	5000	98	N/A	0.00"	PENN BARRY	LF40BC	NOTE 1
EF-2AB	DECONTAMINATION WORK AREA	8220	3.50	II	25.9	1170	BELT	85	MOD	GC	7.98	10	480	3	EC	NF	MFR	VFD	6000	1048	N/A	0.75"	PMK PLASTICS	AJUEFT-3000	NOTES 1, 3, 5 & 5
EF-4	GENERAL EXHAUST	150	0.25	I	16	1215	DIRECT	6.25	MOD	MFR	0.06	0.25	120	1	EC	NF	MFR	FV	5000	50	N/A	0.00"	PENN BARRY	DX130GP	NOTE 2
SF-1	PIPE GENERAL VENTILATION	24000	5.00	I	20	515	DIRECT	13.84	MOD	MFR	5.2	6	480	3	EC	NF	MFR	VFD	5000	98	N/A	0.00"	PENN BARRY	LF40BC	NOTE 1

AIR VALVE SCHEDULE

NOTES:

1. NEITHER RADIATED NOR DISCHARGE SOUND LEVELS SHALL EXCEED NC 35 AT 1.5' INLET STATIC PRESSURE WHEN TESTED PER AHRI STANDARD DENSITY MINERAL FIBER CEILING TILE.

2. REFER TO SPECIFICATION SECTION 23 36 00, VENTURI VALVE AIRFLOW CONTROL SYSTEM.

3. PROVIDE RCM INTEGRATOR TO CONNECT DIRECTLY TO FMCS VIA NETWORK.

4. FAST ACTING VALVE. REFER ONLY TO CONTROL DRAWINGS FOR DESCRIPTION OF CONTROL TYPE.

5. SENSOR TYPES: 1- SENSOR ONLY, 2- SENSOR WITH ADJUSTMENT, 3- SENSOR WITH OVERRIDE, 4- SENSOR WITH ADJUSTMENT AND OVERRIDE.

TAG NAME	AREA SERVED	CFM		MIN. INLET SIZE (IN.)		CONTROL TYPE (NOTE 4, 5)		SENSOR TYPE (NOTE 6, 8)		MANUFACTURER	MODEL	NOTES
		COOLING MAX.	MIN.	INLET	DISCH.	TYPE	TYPE	TYPE	TYPE			
VV-01	C51 CORRIDOR	325	325	8"	8"	TYPE A	TYPE 1	CRITICAL ROOM	CLVI		NOTES 1, 2, 3	
VV-02	H17 STERILE INSTRUMENT STORAGE	875	875	8"	8"	TYPE A	TYPE 1	CRITICAL ROOM	CLVI		NOTES 1, 2, 2, 3	
VV-03	H18 LOGISTICS STORAGE ROOM	125	125	8"	8"	TYPE A	TYPE 1	CRITICAL ROOM	CLVI		NOTES 1, 2, 2, 3	
VV-04	H17A SCOPE STAGING AREA	725	725	8"	8"	TYPE A	TYPE 1	CRITICAL ROOM	CLVI		NOTES 1, 2, 2, 3	
VV-05	H26 SCOPE PROCESSING DECONTAMINATION AREA	550	550	8"	8"	TYPE A	TYPE 2	CRITICAL ROOM	CLVI		NOTES 1, 2, 2, 3	
VV-06	H24 CART HOLDING	775	775	8"	8"	TYPE A	TYPE 1	CRITICAL ROOM	CLVI		NOTES 1, 2, 2, 3	
VV-07	H20A MANUAL GASTWASH	200	200	8"	8"	TYPE A	TYPE 3	CRITICAL ROOM	CLVI		NOTES 1, 2, 2, 3	
VV-08	STEAM STERILIZATION AREA	1500	1500	8"	8"	TYPE A	TYPE 3	CRITICAL ROOM	CLVI		NOTES 1, 2, 2, 3	
VV-09	H25 ANTEROOM, SOILED TRANSITION/DROPOFF	175	175	8"	8"	TYPE A	TYPE 1	CRITICAL ROOM	CLVI		NOTES 1, 2, 2, 3	
VV-10	H23 DECONTAMINATION	425	425	8"	8"	TYPE A	TYPE 1	CRITICAL ROOM	CLVI		NOTES 1, 2, 2, 3	
VV-11	H21 CENITRIFICATION WORK AREA	2000	2000	14"	14"	TYPE A	TYPE 2	CRITICAL ROOM	CLVI		NOTES 1, 2, 2, 3	
VV-12	H15 CLEAN WORKROOM/ASSEMBLY	3035	3035	8"	8"	TYPE A	TYPE 1	CRITICAL ROOM	CLVI		NOTES 1, 2, 2, 3	
VV-13	H14 ANTE-ROOM CLEAN	150	150	8"	8"	TYPE A	TYPE 2	CRITICAL ROOM	CLVI		NOTES 1, 2, 2, 3	

COIL SCHEDULE - WATER

NOTES:
1. HEATING COIL SELECTION SHALL BE BASED ON A FIXED LEAVING AIR TEMPERATURE AND VARIABLE FLOW (GPM). PROVIDE FINAL MAXIMUM FLOW RATE (GPM) TO TEST & BALANCE TEMPERATURE CONTROLS CONTRACTORS.

TAG NAME	CFM	DB °F	LAT °F	TOTAL MBH	A.P.D.IN W.C.	EWTF °F	LWTF °F	GPM	W.P.D.FT. HEAD	MANUFACTURER	MODEL	NOTES
HC-1-01	325	50.0	85.0	11	0.50	180	150	0.7	5.0	AAON	C5	NOTE 1
HC-1-02	870	50.0	85.0	28	0.50	180	150	0.9	5.0	AAON	C5	NOTE 1
HC-1-03	125	50.0	85.0	4	0.50	180	150	0.5	5.0	AAON	C5	NOTE 1
HC-1-04	725	50.0	85.0	23	0.50	180	150	1.6	5.0	AAON	C5	NOTE 1
HC-1-05	550	50.0	85.0	18	0.50	180	150	1.2	5.0	AAON	C5	NOTE 1
HC-1-06	775	50.0	85.0	25	0.50	180	150	1.7	5.0	AAON	C5	NOTE 1
HC-1-07	200	50.0	85.0	5	0.50	180	150	0.5	5.0	AAON	C5	NOTE 1
HC-1-08	1350	50.0	85.0	44	0.50	180	150	2.9	5.0	AAON	C5	NOTE 1
HC-1-09	175	50.0	85.0	6	0.50	180	150	0.5	5.0	AAON	C5	NOTE 1
HC-1-10	425	50.0	85.0	14	0.50	180	150	0.9	5.0	AAON	C5	NOTE 1
HC-1-11	2000	50.0	85.0	65	0.50	180	150	4.3	5.0	AAON	C5	NOTE 1
HC-1-12	3035	50.0	85.0	98	0.50	180	150	6.6	5.0	AAON	C5	NOTE 1
HC-1-13	150	50.0	85.0	5	0.50	180	150	0.5	5.0	AAON	C5	NOTE 1

VENTILATION SCHEDULE

GENERAL NOTES

A. DISCONNECT AND CONTROLLER STARTER FURNISHED AND INSTALLED BY:
MFR = MANUFACTURER
EC = ELECTRICAL CONTRACTOR

B. DISCONNECT TYPE:
F = FUSED
NF = NON-FUSED

C. CONTROLLER STARTER TYPE:
FV = FULL VOLT TYPE
VFD = VARIABLE FREQUENCY DRIVE
VFD = VARIABLE FREQUENCY DRIVE WITH BYPASS

D. FAN RPM SHALL NOT EXCEED 110% OF SCHEDULED VALUE. WITH 115% OF WHEEL TYPE. SUBSTITUTION OF BI OR BJA FANS FOR FC IS ACCEPTABLE IF EFFICIENCY IS NOT LOWER.

E. NO EQUIPMENT SHALL BE SELECTED ABOVE 90% OF MOTOR NAME PLATE RATING.

F. MUST BE WITHIN +/- 10% OF SCHEDULED RPM.

G. CURB TYPE:
MFR = STANDARD CURB BY MANUFACTURER
GC = BY GENERAL CONTRACTOR

TERMINAL AIR BOX SCHEDULE - SINGLE DUCT

NOTES:

1. NEITHER RADIATED NOR DISCHARGE SOUND LEVELS SHALL EXCEED NC 35 AT 1.5' INLET STATIC PRESSURE WHEN TESTED PER AHRI STANDARD 885-2008 USING 8" 20-LB DENSITY MINERAL FIBER CEILING TILE
2. TOTAL AIR PRESSURE DROP OF TAB AND REHEAT COIL SHALL NOT EXCEED 0.50" WC. PROVIDE REHEAT COILS SEPARATE FROM BOXES IF REQUIRED TO MEET AIR PRESSURE DROP REQUIREMENTS
3. REFER TO CONTROL DRAWINGS FOR DESCRIPTION OF CONTROL TYPE.
4. SENSOR TYPES: 1- SENSOR ONLY, 2- SENSOR WITH ADJUSTMENT, 3- SENSOR WITH OVERRIDE, 4- SENSOR WITH ADJUSTMENT AND OVERRIDE.
5. HEATING COIL IS BASED ON HEATING AIR FLOW, WATER PRESSURE DROP OF REHEAT COILS SHALL NOT EXCEED 5". PROVIDE REHEAT COILS SEPARATE FROM BOXES IF REQUIRED TO MEET WATER PRESSURE DROP REQUIREMENTS.
6. WHEN LAT "F", EWT "F" AND GPM VALUES ARE BLANK, HEATING COIL IS NOT REQUIRED FOR TAB.
7. (F) HEATING COIL SELECTION SHALL BE BASED ON A FIXED LEAVING AIR TEMPERATURE AND VARIABLE FLOW (GPM). PROVIDE FINAL MAXIMUM FLOW RATE (GPM) TO TEST & BALANCE TEMPERATURE CONTROLS CONTRACTORS.

TAG NAME	AREA SERVED	CFM		HEATING COIL (NOTES 5, 6, & 7)							MIN. INLET DIA. (IN.)	CONTROL TYPE (NOTE 3)	SENSOR TYPE (NOTE 4)	MANUFACTURER	MODEL (NOTES 1, 2)	NOTES
		COOLING MAX.	HEATING MAX.	MIN.	EAT °F	LAT °F	EWT °F	LWT °F	MAX. GPM							
TAB-2-01	C50 CORRIDOR	400	400	400	55.0	85.0	180	150	0.9	6"	TYPE B	TYPE 1	TITUS	DESV	NOTES 1, 2	
TAB-2-02	H2 CONFERENCE	350	350	175	55.0	85.0	180	150	0.8	6"	TYPE B	TYPE 3	TITUS	DESV	NOTES 1, 2	
TAB-2-03	H4 OFFICE	200	200	80	55.0	85.0	180	150	0.5	6"	TYPE B	TYPE 4	TITUS	DESV	NOTES 1, 2	
TAB-2-04	H5 OFFICE	125	125	80	55.0	85.0	180	150	0.5	6"	TYPE B	TYPE 4	TITUS	DESV	NOTES 1, 2	
TAB-2-05	H8 STAFF LOUNGE	450	450	150	55.0	85.0	180	150	1.0	8"	TYPE B	TYPE 3	TITUS	DESV	NOTES 1, 2	
TAB-2-06	H9 OFFICE	200	200	80	55.0	85.0	180	150	0.5	6"	TYPE B	TYPE 4	TITUS	DESV	NOTES 1, 2	
TAB-2-07	H10 OFFICE	200	200	80	55.0	85.0	180	150	0.5	6"	TYPE B	TYPE 4	TITUS	DESV	NOTES 1, 2	
TAB-2-08	H11 OFFICE	200	200	80	55.0	85.0	180	150	0.5	6"	TYPE B	TYPE 4	TITUS	DESV	NOTES 1, 2	
TAB-2-09	H12 MENS LOCKER	425	425	425	55.0	85.0	180	150	0.9	8"	TYPE B	TYPE 2	TITUS	DESV	NOTES 1, 2	
TAB-2-10	H13 WOMENS LOCKER	425	425	425	55.0	85.0	180	150	0.9	8"	TYPE B	TYPE 2	TITUS	DESV	NOTES 1, 2	
TAB-2-11	C50 CORRIDOR	350	350	350	55.0	85.0	180	150	0.8	6"	TYPE B	TYPE 1	TITUS	DESV	NOTES 1, 2	

HOOD SCHEDULE

NOTES:
1.MOUNT HOOD ON MANUFACTURER'S CURB, TOP OF CURB SHALL BE A MINIMUM OF 18" ABOVE TOP OF ROOF INSULATION
2.MAXIMUM HEIGHT MEASURED FROM TOP OF CURB TO TOP OF EQUIPMENT.

TAG NAME	SERVICE	THROAT SIZE				THROAT VELOCITY	PRESSURE DROP	FREE AREA	MAX. HEIGHT (NOTE 2)	DAMPER TYPE	CURB TYPE	MAX. DIMENSIONS				MANUFACTURER	MODEL	NOTES
		CFM	WIDTH	LENGTH	WIDTH							LENGTH	WIDTH	HEIGHT	WEIGHT			
QAH-2	AHU1	12000	36	54	889	0.08	13.5	GRAVITY HOOD	20	MOD	MFR	62.5	68.5	17	10.9	PENN BARRY	PG3654	NOTE 1
QAH-2	AHU1	5000	20	42	833	0.07	6	GRAVITY HOOD	20	MOD	MFR	62.5	60.5	13	6.41	PENN BARRY	PG2348	NOTE 1
QAH-3	5-A3C10 INTAKE	4750	18	24	950	0.09	6	GRAVITY HOOD	18	MOD	MFR	58.5	42.5	11	5.36	PENN BARRY	PG2036	NOTE 1
RAH-1	AHU2	4000	24	30	667	0.06	6	GRAVITY HOOD	17	MOD	MFR	58.5	38.5	10	50	PENN BARRY	PG2348	NOTE 1
RAH-2	5-EF12 EXHAUST	625	12	18	625	0.05	1	GRAVITY HOOD	12	MOD	MFR	20.5	20.5	5	18.9	PENN BARRY	PG1212	NOTE 1
RAH-3	5-A3C10 RELIEF	4750	18	24	543	0.04	8.75	GRAVITY HOOD	18	MOD	MFR	62.5	44.5	11	63.4	PENN BARRY	PG2036	NOTE 1

AIR TERMINAL SCHEDULE

NOTES:

1. CONTRACTOR SHALL DETERMINE PROPER BORDER TYPE TO MATCH CEILING CONSTRUCTION.
2. REFER TO DRAWINGS FOR NECK SIZE. ALL BRANCH DUCTWORK TO AIR TERMINALS SHALL BE NECK SIZE UNLESS NOTED OTHERWISE.
3. DUCTED RETURN
4. FRONT BLADES VERTICAL UNLESS OTHERWISE NOTED.
5. FLUSH FACE PANEL
6. ALL BALANCING DAMPERS SHOWN ABOVE HARD LID CEILINGS SHALL BE ELECTRONIC REMOTELY OPERATED TYPE; GENERALLY ALL GRILLES AND DIFFUSERS SERVED BY BALANCING DAMPERS SHALL BE COACTUATED BY ONE HANDED REMOTE CONTROL. PROVIDE HANDED REMOTE CONTROL. REVIEW ARCHITECTURAL REFLECTED CEILING PLANS AND VERIFY QUANTITY PRIOR TO BID. REFERENCE SPECIFICATION SECTION 23.30 FOR ADDITIONAL INFORMATION.

TAG NAME	FACE SIZE (IN.) (NOTE 2)	TYPE	BORDER	MATERIAL	FINISH	VOLUME DAMPER REQUIRED	MANUFACTURER	MODEL	NOTES
EG-1	12x12	PERFORATED FACE	NOTE 1	STEEL	WHITE	NO	TITUS	PAR	NOTES 3 & 6
EG-2	12x12	PERFORATED FACE	NOTE 1	ALUMINUM	WHITE	NO	TITUS	PAR	NOTES 3 & 6
EG-3	24x24	PERFORATED FACE	NOTE 1	STEEL	WHITE	NO	TITUS	PAR	NOTES 3 & 6
EG-4	24x24	PERFORATED FACE	NOTE 1	ALUMINUM	WHITE	NO	TITUS	PAR	NOTES 3 & 6
ER-1	INLET 2 1/2	35 DEGREE DEFLECTION	NOTE 1	ALUMINUM	WHITE	YES	TITUS	350F	NOTE 4 & 6
RG-3	24x24	PERFORATED FACE	NOTE 1	STEEL	WHITE	NO	TITUS	PAR	NOTES 3 & 6
RG-4	24x24	PERFORATED FACE	NOTE 1	ALUMINUM	WHITE	NO	TITUS	PAR	NOTES 3 & 6
SD-1	12x12	PANEL FACE	NOTE 1	STEEL	WHITE	NO	TITUS	OMNI	NOTE 5 & 6
SD-3	24x24	PANEL FACE	NOTE 1	STEEL	WHITE	NO	TITUS	OMNI	NOTE 5 & 6
SD-4	24x24	PANEL FACE	NOTE 1	ALUMINUM	WHITE	NO	TITUS	OMNI	NOTE 5 & 6
SR-1	INLET 2 1/2	35 DEGREE DEFLECTION	NOTE 1	STEEL	WHITE	YES	TITUS	350F	NOTE 4 & 6

Addendum 3 (AD-3)	05/13/2025
Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

A N D E R S O N

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Office of
Construction
and Facilities
Management

VA U.S. Department
of Veterans
Affairs

Drawing Title
VENTILATION SCHEDULES
Approved:

Phase	BID DOCUMENTS
	FULLY SPRINKLERED

Project Title		Project Number	
CONSTRUCT NEW SPS		438-460	
Location		Building Number	
Sioux Falls, SD.		5	
Issue Date	Checked	Drawn	MV600
02/14/2025	DAVING	DELLLE	