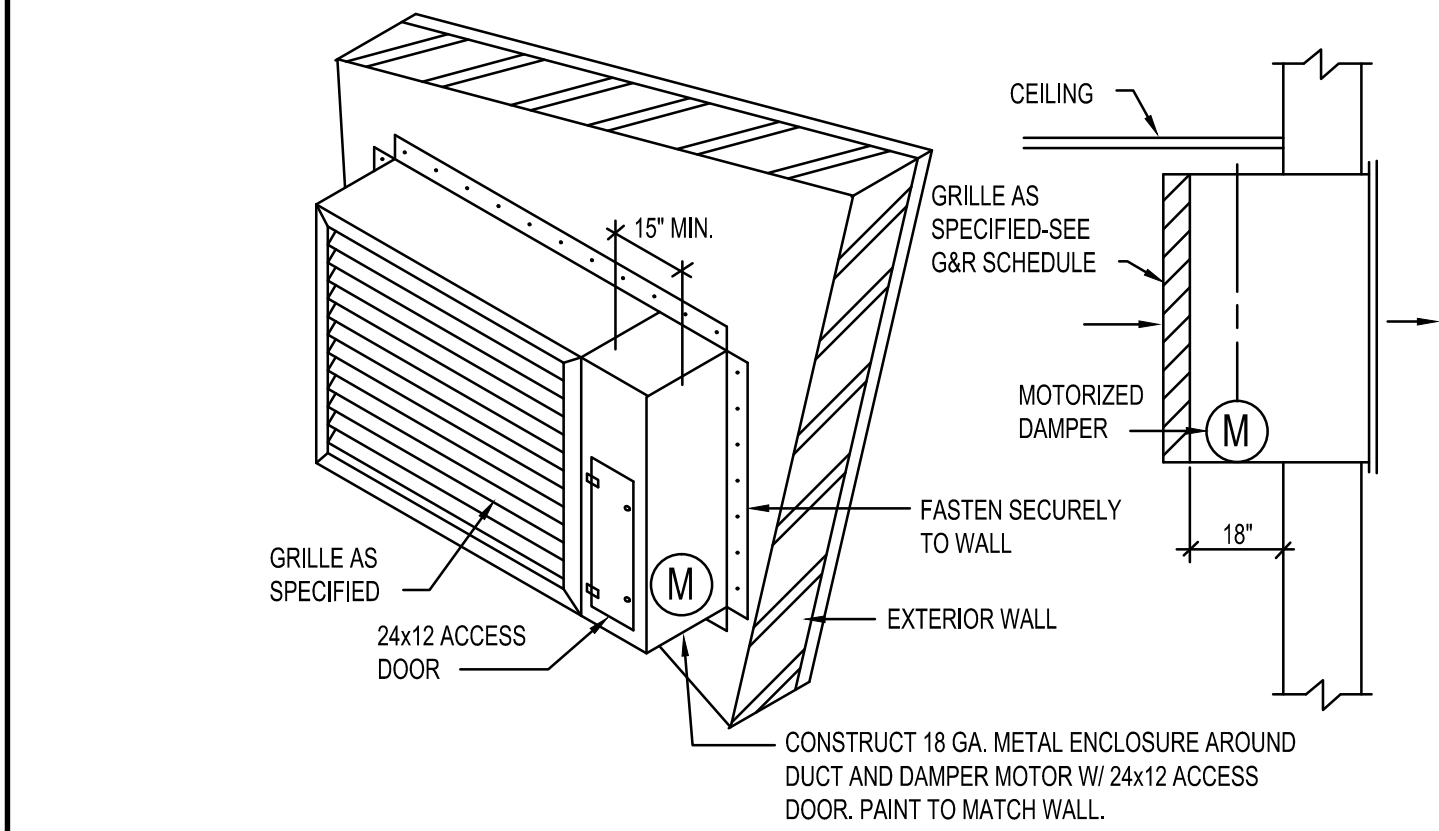


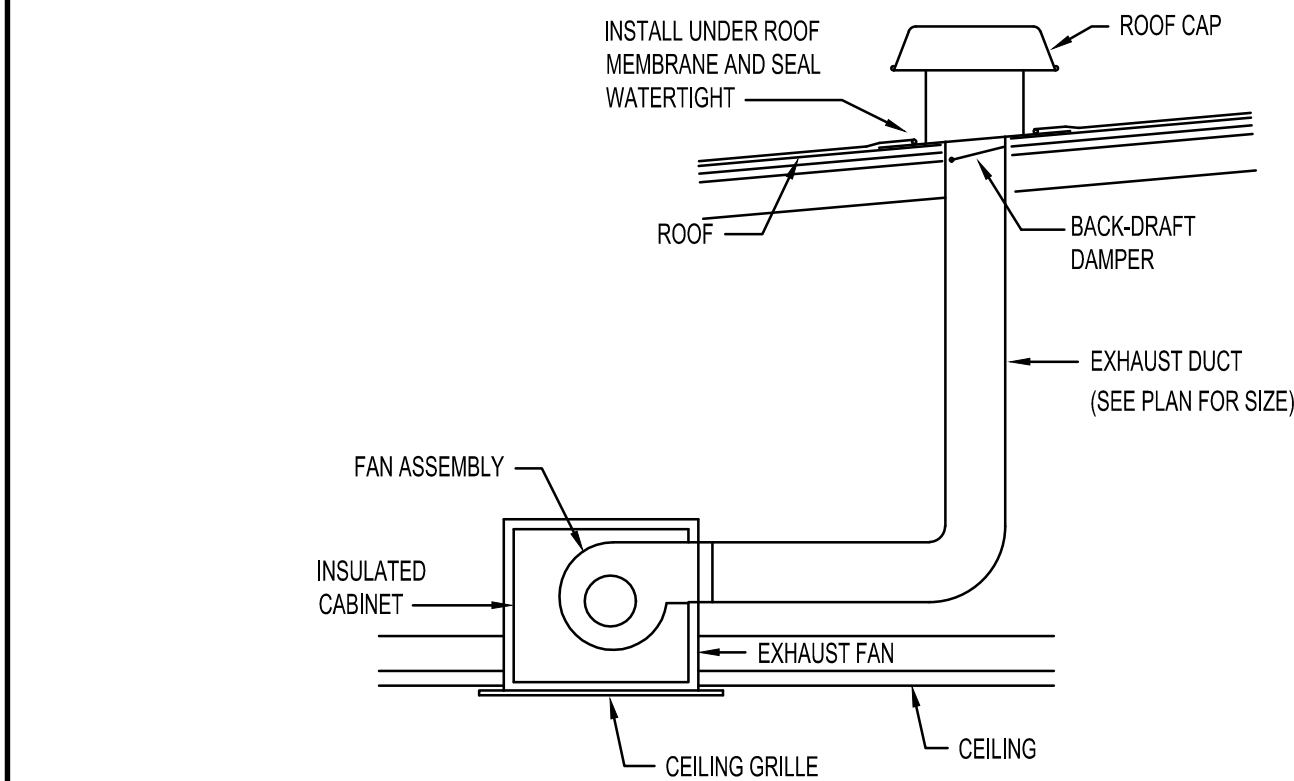
A CONCENTRIC VENT INSTALLATION

NO SCALE



B RELIEF AIR LOUVER DETAIL

NO SCALE



C EXHAUST FAN INSTALLATION DETAIL

NO SCALE

GRILLE AND REGISTER SCHEDULE

SYM.	SIZE	THROW	CFM	CONSTR.	FINISH	BRANCH DUCT	F.D.	O.B.	REMARKS
CD-1	12 x 12	4 WAY	200-500	STEEL	WHITE	10" Dia.	NO	NO	PRICE SMD WITH 24x24 LAY-IN MODULE
CD-2	9 x 9	4 WAY	50-200	STEEL	WHITE	9" Dia.	NO	YES	PRICE SMD WITH BEVELED FRAME
SR-1	18 x 10	---	300-500	ALUM.	WHITE	IN ROUND DUCT	NO	YES	PRICE SDGE SERIES WITH EXTRACTION DAMPER
RG-1	18 x 30	---	1200	STEEL	WHITE	18 x 12	NO	NO	PRICE SERIES 96S (LOW SIDEWALL) HEAVY-DUTY GYM GRILLE
RG-2	18 x 48	---	1800	STEEL	WHITE	18 x 16	NO	NO	PRICE SERIES 96S (LOW SIDEWALL) HEAVY-DUTY GYM GRILLE
RG-3	36 x 36	---	6000	STEEL	WHITE	48 x 24	NO	NO	PRICE SERIES 96S (LOW SIDEWALL) HEAVY-DUTY GYM GRILLE
RG-4	54 x 36	---	6000	STEEL	WHITE	54 x 36	NO	NO	PRICE SERIES 96 HEAVY-DUTY GYM GRILLE
RG-5	18 x 18	---	800	STEEL	WHITE	18 x 10	NO	NO	PRICE 535 IN 24x24 LAY-IN MODULE
ER-1	12 x 12	---	50-400	STEEL	WHITE	12 x 8	NO	YES	PRICE SERIES 535D
ER-2	18 x 18	---	1000	STEEL	WHITE	16 x 16	NO	NO	PRICE SERIES 535
TG-1	10 x 10	---	50-200	STEEL	WHITE	10 x 8	NO	NO	PRICE SERIES 535D
TG-2	10 x 10	---	50-200	STEEL	WHITE	10 x 8	NO	NO	PRICE 535 IN 24x24 LAY-IN MODULE
QL-1	54 x 36	---	6000	ALUM.	ANODIZED	54 x 36	NO	NO	AMERICAN WARMING LE-31 WITH DRAINABLE BLADES AND BIRD SCREEN.
QL-2	24 x 24	---	1600	ALUM.	ANODIZED	24 x 24	NO	NO	AMERICAN WARMING LE-31 WITH DRAINABLE BLADES AND BIRD SCREEN.
QL-3	24 x 12	---	900	ALUM.	ANODIZED	18 x 10	NO	NO	AMERICAN WARMING LE-31 WITH DRAINABLE BLADES AND BIRD SCREEN.

EXHAUST FAN SCHEDULE

SYM.	TYPE	C.F.M.	S.P.E.	WATTS	CHAR.	R.P.M.	CONTROL	REMARKS
EF-1	VENT SET	1600	1.0"	3/4 HP	208/60/3	1155	WALL SWITCH	GREENHECK SFB-10 WITH BACK-DRAFT DAMPER AND MOTOR COVER.
EF-2	ROOF MOUNTED DOWNFLOW	1000	.5"	1/4 HP	120/60/1	1560	DDC CONTROLS	GREENHECK GB-100-4 WITH BACK-DRAFT DAMPER AND BIRD SCREEN.
EF-3	ROOF MOUNTED DOWNFLOW	1000	.5"	1/4 HP	120/60/1	1560	DDC CONTROLS	GREENHECK GB-100-4 WITH BACK-DRAFT DAMPER AND BIRD SCREEN.

ROOF TOP HEATING & AIR CONDITIONING UNIT SCHEDULE

SYM.	CFM	SP	BLOWER H.P.	CHAR	MCA	EER	WEIGHT	GAS SIZE	HEATING				COOLING			REMARKS	1	2
									INPUT	OUTPUT	EAT	LAT	NOM. TONS	EAT	WB			
RT-1	6000	.80"	3	208/60/3	69	12.4	2600#	2-1/2"	350,000	280,000	65°F	101°F	15	75°F	67°F	TRANE YSD180G3 COMPLETE WITH ROOF CURB.		
RT-2	6000	.80"	3	208/60/3	69	12.4	2600#	2-1/2"	350,000	280,000	65°F	101°F	15	75°F	67°F	TRANE YSD180G3 COMPLETE WITH ROOF CURB.		

- 1 ALL UNITS TO BE COMPLETE WITH FULL ECONOMIZER AND SMOKE DETECTOR FOR UNIT SHUT-DOWN.
2 ALL UNITS TO BE SET ON 14" HIGH ROOF CURB WITH DOWNFLOW CONFIGURATION, AND 2" PLEATED FILTERS.

FURNACE SCHEDULE

SYM.	TYPE	DESIGN CFM	O.A. CFM	SP _E	H.P.	CHAR.	LP GAS		EAT	LAT	SUP.	VENT	GAS TYPE	REMARKS
							INPUT	OUTPUT						
F-1	HORIZONTAL	1900	300	.5"	1/2	120/60/1	110,000	106,000	65°F	108°F	1/2"	(2) 3" Dia.	LPG	LENNOX MODEL EL195UH110P60C. PROVIDE SHEET METAL DRAIN PAN BELOW UNIT.
F-2	HORIZONTAL	1800	300	.5"	1/2	120/60/1	110,000	106,000	65°F	110°F	1/2"	(2) 3" Dia.	LPG	LENNOX MODEL EL195UH110P60C. PROVIDE SHEET METAL DRAIN PAN BELOW UNIT.
F-3	HORIZONTAL	1200	300	.5"	1/2	120/60/1	88,000	85,000	65°F	110°F	1/2"	(2) 3" Dia.	LPG	LENNOX MODEL EL195UH090P36C. PROVIDE SHEET METAL DRAIN PAN BELOW UNIT.
F-4	HORIZONTAL	1200	300	.5"	1/2	120/60/1	88,000	85,000	65°F	110°F	1/2"	(2) 3" Dia.	LPG	LENNOX MODEL EL195UH090P36C. PROVIDE SHEET METAL DRAIN PAN BELOW UNIT.
F-5	UP FLOW	1200	300	.5"	1/2	120/60/1	88,000	85,000	65°F	110°F	1/2"	(2) 3" Dia.	LPG	LENNOX MODEL EL195UH090P36C

UNIT HEATER SCHEDULE

SYM.	TYPE	CFM	H.P.	CHAR.	LP GAS		EAT	LAT	SUP.	FUEL TYPE	FLUE	REMARKS
					INPUT	OUTPUT						
UH-1	SEPARATED COMBUSTION	450	1/15	120/60/1	30,000	24,600	65°F	108°F	1/2"	LPG	(2) 4" Dia.	REZNOR MODEL SC-30
UH-2	SEPARATED COMBUSTION	770	1/15	120/60/1	60,000	49,800	65°F	110°F	1/2"	LPG	(2) 4" Dia.	REZNOR MODEL SC-60
UH-3	SEPARATED COMBUSTION	770	1/15	120/60/1	60,000	49,800	65°F	110°F	1/2"	LPG	(2) 4" Dia.	REZNOR MODEL SC-60

ELECTRIC HEATER SCHEDULE

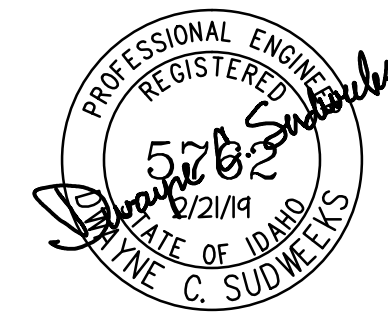
SYM.	TYPE	BTU	KW	CHAR	CONTROL	REMARKS
EH-1	RECESSED WALL MOUNTED	6824	2	240/60/1	INTEGRAL	QMARK MODEL AWH-4404 WITH AWH-S-2 RECESSED MOUNTING FRAME

MECHANICAL LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
AFF	ABOVE FINISHED FLOOR	1	PLAN NOTE		DUCT TRANSITION
CD	CONDENSATE DRAIN PIPING		EQUIPMENT SYMBOL		TURNING VANES
CO	CLEANOUT		MOTORIZED DAMPER		ROUND SPIRAL DUCTWORK
COTG	CLEANOUT TO GRADE		CEILING MOUNTED EXHAUST FAN		INSULATED FLEXIBLE DUCT
CR	CONDENSATE RETURN		ROOF TOP EXHAUST FAN		SIDEWALL REGISTER (SUPPLY AIR)
CW	COLD WATER PIPING		HORIZONTAL FURNACE		SIDEWALL GRILLE (RETURN AIR)
HW	HOT WATER PIPING		HORIZONTAL UNIT HEATER		CEILING DIFFUSER
HWRC	HOT WATER RECIRC. PIPING		RECTANGULAR SUPPLY AND RETURN AIR DUCT TAKE-OFF		RETURN AIR GRILLE
LPG	LIQUID PROPANE GAS		HAND DAMPER		EXHAUST AIR GRILLE
OA	OUTSIDE AIR		ROUND BRANCH DUCT WITH HAND DAMPER		
RA	RETURN AIR				
S	ROOM SENSOR				
SA	SUPPLY AIR				
VTR	VENT THRU ROOF				
V	VENT PIPING				
W	WASTE PIPING				
WCO	WALL CLEANOUT				
	BALL VALVE				
	CHECK VALVE				
	GATE VALVE				

gpc architects

18 N. Main St., Ste. 200
Driggs, Idaho 83422
208.354.8036
www.gpcarchitects.com



Ownership & Use of Documents
Drawings and specifications, as instruments of professional service are and shall remain the property of the architect. These documents are not to be used in whole or in part for any project or purpose whatsoever, without the prior specific written authorization of GPC Architects PLLC.



TETON SCHOOL DISTRICT 401
TETON HIGH SCHOOL ADDITION

gpc

revisions		
no.	description	date

project: 18003
date: 02/22/2019

MECHANICAL
SCHEDULES
AND DETAILS

sheet:

M3.2