

**LEGEND, NOTES & DETAILS**

**BUILDING REVISIONS**  
 FOR THE  
**ALLEGANY COUNTY**  
**LAVALLE BUILDING**  
 37 LANE AVENUE, LAVALLE, MARYLAND, 21502



BRETT N. YONISH, P.E.  
 CHRISTOPHER C. ALBRIGHT, P.E.

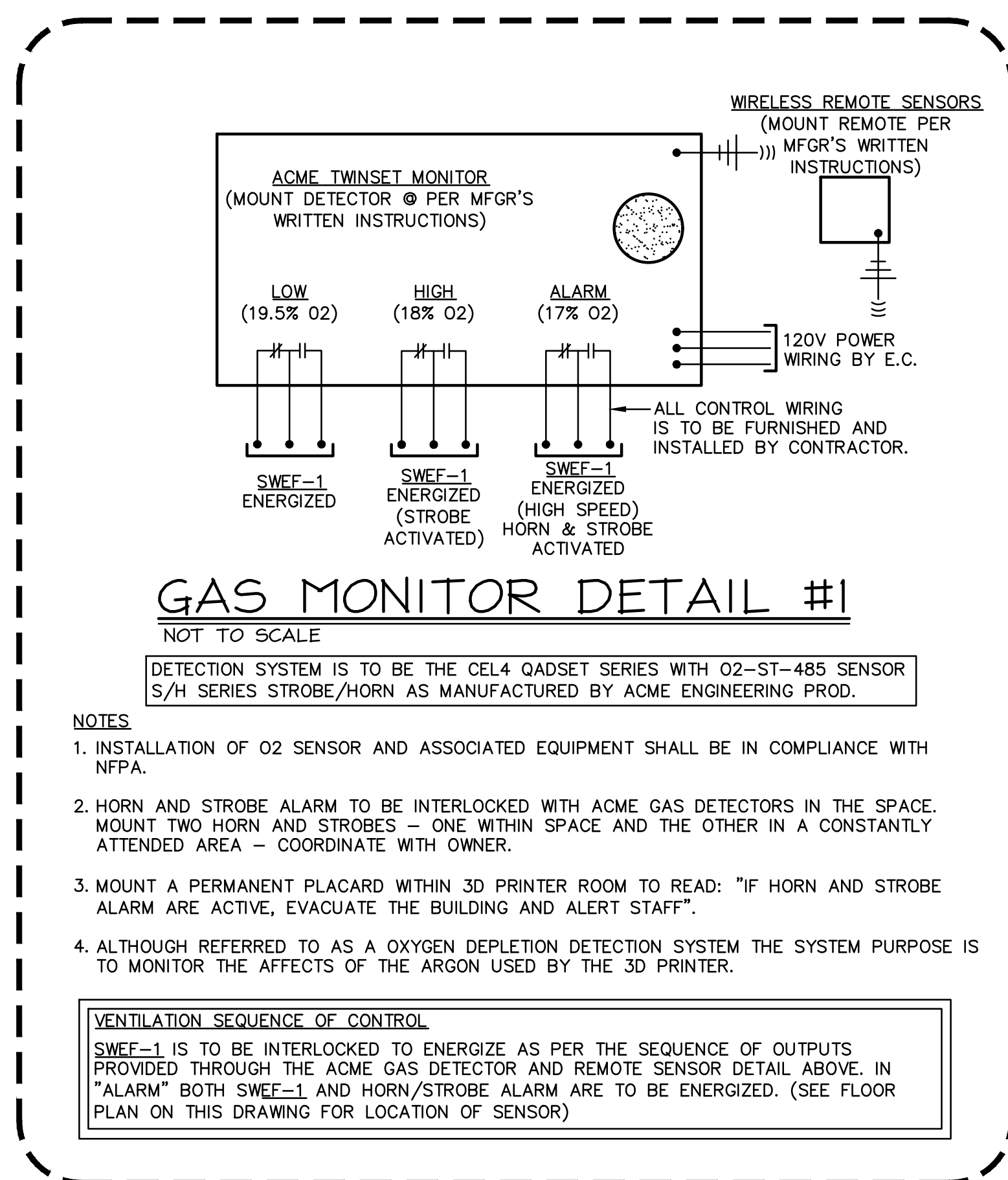
541 MAIN STREET  
 WINDBER, PA 15963  
 (814) 467-6877

REVISIONS		
MARK	BY	DATE

DATE:	12-06-2023	DRAWING NO.	<b>E-1</b>	
DRAWN BY:	J.L.L.	CHECKED BY:		B.N.Y.
PROJECT NO.	EHEA 23023	DATE:		12-06-2023
PROFESSIONAL CERTIFICATION I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 50053, EXPIRATION DATE: 10-13-2024  BRETT NICHOLAS YONISH				

**ELECTRICAL LEGEND**

- BRANCH CIRCUIT
- HOMERUN OR CONTINUATION TO PANELBOARD
- SURFACE MOUNTED ELECTRICAL PANELBOARD
- TRANSFORMER
- DROP CORD RECEPTACLE
- DUPLEX RECEPTACLE, 1φ-120 VOLTS
- SPECIAL PURPOSE RECEPTACLE W/ AMP RATING OR NEMA CONFIGURATION AS NOTED
- SPECIAL PURPOSE RECEPTACLE W/ AMP RATING OR NEMA CONFIGURATION AS NOTED, MOUNTED ON DROP CORD
- JUNCTION BOX
- CONNECTION BY E.C. IN EQUIPMENT BY OTHERS
- DISCONNECT SWITCH
- WIRELESS ROUTER
- FIRE ALARM CONTROL PANEL
- AFF ABOVE FINISHED FLOOR
- EC ELECTRICAL SUB-CONTRACTOR
- ETR EXISTING TO REMAIN
- FLA FULL LOAD AMPERES
- GC GENERAL CONTRACTOR
- HP HORSEPOWER
- KVA KILOVOLT AMPERES
- KW KILOWATT
- MCA MINIMUM CIRCUIT AMPERES
- MCB MAIN CIRCUIT BREAKER
- MDP MAIN DISTRIBUTION PANEL
- MLO MAIN LUGS ONLY
- NEC NATIONAL ELECTRICAL CODE
- ∅ PHASE
- RECPT RECEPTACLE
- V VOLTS
- W WIRE OR WATT



SIDEWALL EXHAUST FAN SCHEDULE													
TAG	SERVES	FAN CFM	SYSTEM CFM	S.P.	H.P.	R.P.M.	TIP SPEED	DRIVE	ROOF OPENING	ELECT. CHAR.	CONTROL	APPROX. WEIGHT	BASIS OF DESIGN*
SWEF-1	ARGON DETECTION SYSTEM	625	625	0.5	1/6	1,725	4,538	DIRECT	17" SQ.	120V-60HZ-1∅	NOTE 1	50 LBS.	GREENHECK G-095-VG

**NOTES:**

- FAN IS TO BE CONTROLLED VIA THE ARGON (OXYGEN DEPLETION) DETECTION SYSTEM LOCATED IN OFFICE 108. SEE DETAIL ON DRAWING E-1 FOR MORE INFORMATION.
- FAN IS TO BE FACTORY FURNISHED WITH VARI-GREEN EC MOTOR AND MOTOR MOUNTED CONTROL DIAL FOR BALANCING PURPOSES.
- FAN IS TO BE FACTORY FURNISHED FOR SIDEWALL MOUNTING. CONTRACTOR IS TO VERIFY THE THICKNESS OF WALL ON SITE PRIOR TO ORDERING FAN AND ACCESSORIES.

\* OR APPROVED EQUIVALENT.

GRILLES, REGISTERS, AND DIFFUSERS SCHEDULE																
TAG	TYPE			FRAME STYLE		DUTY			CONSTRUCTION		MAX SP (IN-WG)	MAX NC RATING	DESCRIPTION	NOTES	BASIS OF DESIGN* GREENHECK	
	DIFFUSER	REGISTER	GRILLE	LAY-IN	SURFACE MTP	SUPPLY	RETURN	TRANSFER	EXHAUST	STEEL						ALUMINUM
E-1	---	X	---	X	---	---	---	---	X	---	X	0.10"	30	1"x1"x1" CORE	1,2,3,4	XG-CC1
T-1	---	---	X	---	X	---	---	X	---	---	X	0.10"	30	HEAVY DUTY 0" DEFLECTION	1,2,3	XG-4500

**NOTES:**

- ALL REGISTERS TO HAVE NECK-MOUNTED DAMPERS - ADJUSTABLE FROM FACE.
- FOR ACTUAL CFM, SEE FLOOR PLAN.
- CONTRACTOR IS TO VERIFY THE REQUIRED FRAME STYLE FOR THE CEILING BEING INSTALLED BEFORE ORDERING GRD'S.

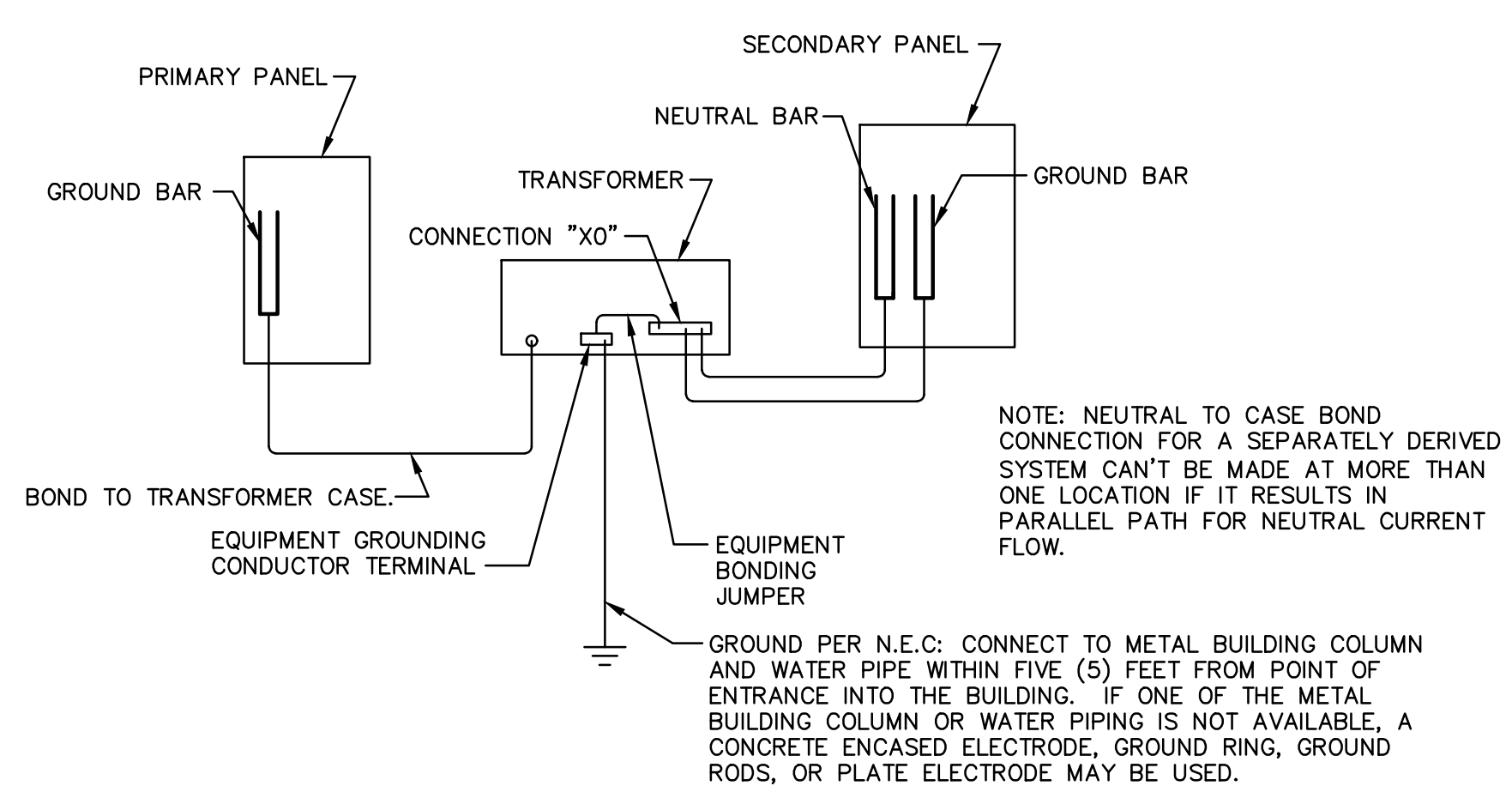
\* OR APPROVED EQUIVALENT

**SURFACE MOUNTED WIRING/CONDUIT:**

FOR WIRING/CONDUIT THAT MUST BE EXPOSED, E.C. SHALL USE WIRING IN EMT CONDUIT AND INSTALL TIGHT TO THE CEILING DECK AND AGAINST JOISTS AS MUCH AS POSSIBLE TO TRY TO CONCEAL CONDUIT FROM SIGHT) IN A NEAT AND WORKMANLIKE MANNER. CONDUITS AND JUNCTION BOXES TO BE PAINTED BY THE G.C. - E.C. TO COORDINATE.

**IMPORTANT NOTES:**

- THE DIAGRAMS SHOWN ON THESE DRAWINGS ARE TO BE INTERPRETED AS BEING DIAGRAMMATIC AND ARE NOT INTENDED TO SHOWN EXACT LOCATIONS OF PANELS, TRANSFORMERS, ETC. REFER TO THE FLOOR PLANS FOR MORE INFORMATION AND COORDINATE FINAL LOCATIONS WITH THE OWNER.
- THE ENTIRE ELECTRICAL INSTALLATION IS TO CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE; ALL APPLICABLE NATIONAL, STATE OR LOCAL CODES AND THE REQUIREMENTS OF THE LOCAL POWER COMPANY.



**TRANSFORMER GROUNDING DETAIL**  
 NO SCALE

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