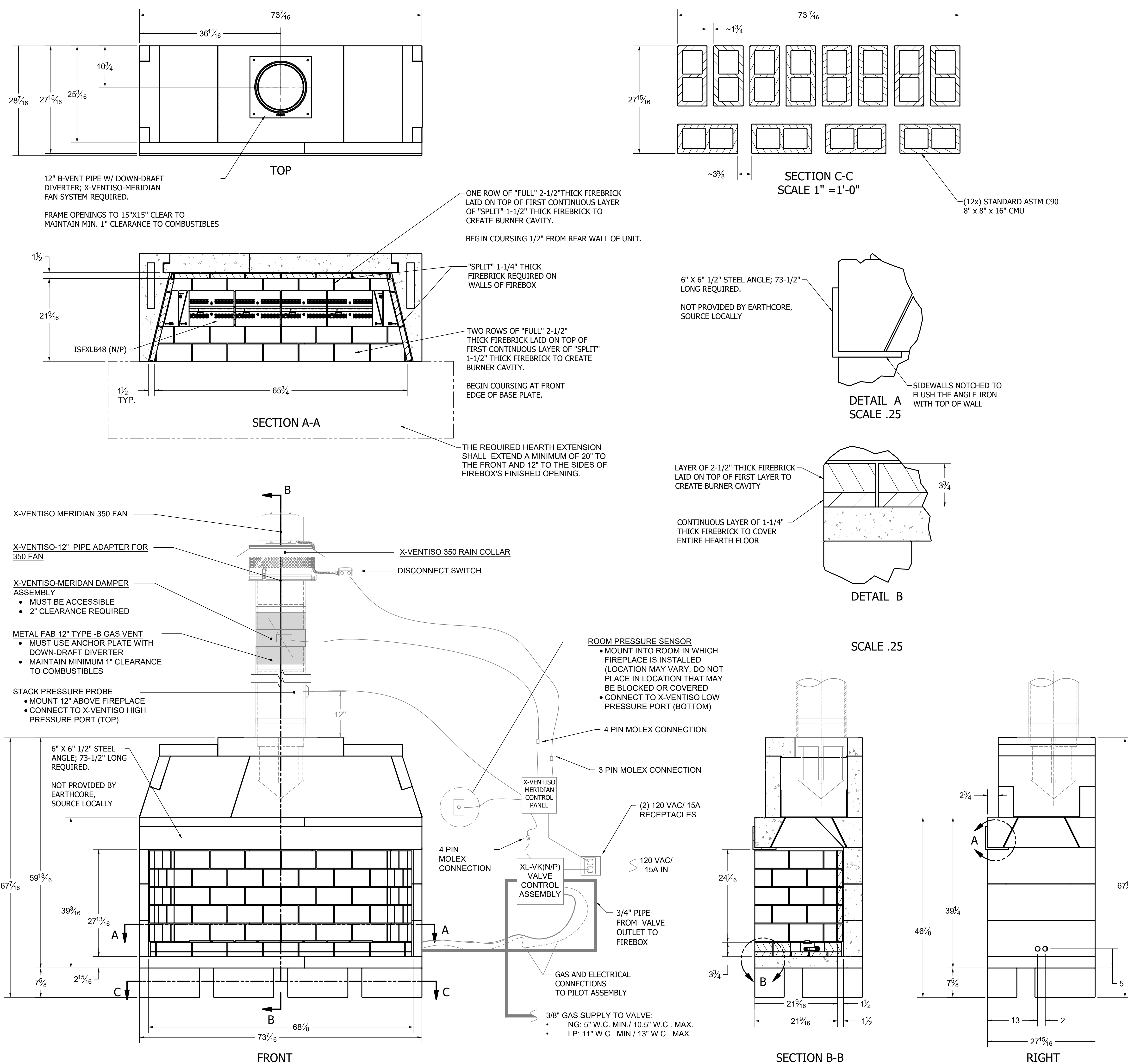


ISOKERN COMPONENT AND ACCESSORIES LIST																																																		
PART #	QTY.	DESCRIPTION																																																
82X60	1	60" XCELUX FIREPLACE																																																
---	1	6"X6"x1/2" STEEL ANGLE; 73-1/2" LONG (NOT SUPPLIED BY EARTHCORE, SOURCE LOCALLY)																																																
12MDD-EC	1	12in ANCHOR PLATE W/ DRAFT DIVERTER & ISOWOOL																																																
ISFXLB48(N/P)	1	48" ISOFLAMES LINEAR XL BURNER (N: NATURAL GAS/ P: PROPANE)																																																
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XV-MERDML	1	X-VENTISO-MERIDIAN FAN SYSTEM (CONSISTS OF THE FOLLOWING:)																																																
		• X-VENTISO-MERIDIAN-350 FAN (XV-MERD-350)																																																
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GENERAL NOTES																																																		
<div>1. THE ISOKERN 60" XCELUX SERIES FIREPLACE IS A TOP-VENTED, GAS ONLY FIREPLACE THAT IS APPROVED FOR USE ONLY WITH THE ISOFLAMES LINEAR XL BURNER SYSTEM AS SHOWN IN THIS DRAWING (ISFXLB48N/P)). USAGE OF ANY OTHER BURNER IN THIS FIREPLACE IS PROHIBITED AND WILL ABSOLVE EARTHCORE/ ISOKERN OR ANY DIVISION THEREOF FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES OR EXPENSES ARISING OUT OF THE USE OF THIS FIREPLACE.</div> <div>2. THIS FIREPLACE'S BURNER SYSTEM (ISFXLB48(N/P)) COMES WITH A GAS CONTROL VALVE ASSEMBLY (XL-VK(N/P))THAT INCLUDES AN AUTOMATIC DRAFT AND SAFETY SYSTEM.</div> <div>3. THIS APPLIANCE IS ONLY FOR USE WITH THE TYPE OF GAS INDICATED ON THE BURNER RATING PLATE. VERIFY GAS SUPPLY AND BURNER/ VALVE ARE OF SAME TYPE PRIOR TO INSTALLATION.</div> <div>4. THE EXHAUST FLUE GASES ARE TO BE VENTED THROUGH THE TOP OF THE UNIT WITH 12" METAL-FAB UL LISTED B-VENT PIPING WITH DOWN-DRAFT DIVERTER. THIS TWELVE INCH (12") DIAMETER, DOUBLE WALL B-VENTING SYSTEM IS NOT SUPPLIED BUT IS REQUIRED FOR PROPER OPERATION.</div> <div>5. THE XCELUX SERIES FIREPLACES SHALL BE INSTALLED WITH THE MINIMUM CLEARANCES TO COMBUSTIBLES AS LISTED BELOW:<div>•UNIT FRONT: 0"</div><div>•SIDES AND REAR: 1.5"</div><div>•COMBUSTIBLE SHEATHING ABOVE OPENING TOP: 8"</div><div>•SHEATHING OR TRIM TO OPENING SIDES: 8"</div><div>•MANTEL ABOVE OPENING: 12"</div><div>•OPENING TO SIDEWALLS: 24"</div><div>•HEARTH EXTENSION BEYOND FRONT: 20"</div><div>•HEARTH EXTENSION BEYOND SIDES (FINISHED): 12"</div><div>•COMBUSTIBLE FLOOR: 5" (MUST USE COMBUSTIBLE FLOOR INSTALLATION APPLICATION AS DETAILED IN XCELUX INSTALLATION MANUAL, CONTINUOUS 1-1/4" THICK FIREBRICK FLOOR WITH 2-1/2" THICK FIREBRICK BURNER CAVITY, AND ISOFLAMES LINEAR XL BURNER AND VALVE)</div><div>•INSULATION FROM FIREBOX (UNSHIELDED): 3"</div></div> <div>6. THE "REDUCED HEIGHT APPLICATION" OF THE 82X60 FIREPLACE IS SHOWN IN THIS DRAWING. THIS REDUCED HEIGHT APPLICATION IS CREATED BY OMITTING ONE COURSE OF BACK AND SIDEWALLS FROM THE STOCK 4- COURSE TALL 82X60 FIREPLACE (MAX REDUCTION OF 9-1/2" ALLOWED; 3 FULL COURSES REQUIRED)</div> <div>7. THIS DESIGN REQUIRES MECHANICAL VENTILATION ASSISTANCE USING THE X-VENTISO-MERIDIAN FAN SYSTEM FOR GAS-ONLY OPERATION. VENT PATHS ARE LIMITED TO A MAXIMUM OF TWO 90° ELBOWS AND MAY TERMINATE EITHER VERTICALLY OR HORIZONTALLY. REFER TO INSTALLATION MANUAL FOR MAXIMUM VENT LENGTHS AND ADDITIONAL INFORMATION REGARDING FLUE RUNS.</div> <div>8. ENSURE TWO 120VAC/ 15A OUTLETS ARE PROVIDED FOR GAS VALVE AND X-VENTISO-MERIDIAN CONTROL PANEL IN ACCORDANCE WITH INSTALLATION MANUAL. CONTROLS SHALL BE LOCATED IN ACCESSIBLE LOCATION.</div> <div>9. ALL ACCESSORIES/ EQUIPMENT INSTALLED WITH THIS FIREPLACE TO BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS.</div> <div>10. INSTALL AND SUPPORT B-VENT PIPE TO ALL MANUFACTURER SPECIFICATIONS. ENSURE MIN.1" CLEARANCE TO COMBUSTIBLES IS KEPT AT ALL TIMES.</div> <div>11. IMPORTANT: THE X-VENTISO-MERIDIAN DAMPER ASSEMBLY REQUIRES 2" CLEARANCE TO COMBUSTIBLES WITH HEAT SHIELD INSTALLED. IF HEAT SHIELD IS NOT INSTALLED, THIS CLEARANCE INCREASES TO 18".</div> <div>12. DRAWINGS ARE FOR DESIGN PURPOSES ONLY AND ARE THE SOLE PROPERTY OF EARTHCORE INDUSTRIES. ANY REPRODUCTION OR UNAUTHORIZED USE IS STRICTLY PROHIBITED.</div> <div>13. EARTHCORE/ ISOKERN OR ANY DIVISION THEREOF SHALL NOT BE HELD LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES OR EXPENSES ARISING OUT OF THE USE OF THE FIREPLACES OR CHIMNEY SYSTEMS.</div> <div>14. ALWAYS CHECK LOCAL BUILDING CODES GOVERNING FIREPLACES AND FIREPLACE INSTALLATIONS.</div>																																																		
ISOMETRIC VIEW (N.T.S.)																																																		
<div>12" B-VENT PIPE W/ DOWN-DRAFT DIVERTER; X-VENTISO-MERIDIAN FAN SYSTEM REQUIRED.</div> <div>6" X 6" 1/2" STEEL ANGLE; 73-1/2" LONG REQUIRED.</div> <div>NOT PROVIDED BY EARTHCORE, SOURCE LOCALLY</div> <div>1-1/4" THICK FIREBRICK REQUIRED ON REAR AND SIDEWALLS</div> <div>2-1/2" THICK LAYER OF FIREBRICK LAID ON TOP OF CONTINUOUS 1-1/4" THICK LAYER TO CREATE BURNER CAVITY.</div> <div>CONTINUOUS LAYER OF 1-1/4" THICK FIREBRICK ON FLOOR</div> <div>ISFXLB48 (N/P)</div> <div>ISOMETRIC VIEW SCALE: N.T.S.</div> <div>*REQUIRED XL-VK(N/P) VALVE ASSEMBLY NOT SHOWN</div>																																																		
<table><tr><td colspan="2">earthcore INDUSTRIES, L.L.C.</td><td colspan="2">UNLESS OTHERWISE STATED, ALL DIMENSIONS ARE IN INCHES</td><td colspan="2">PROJECT: 60" XCELUX SERIES</td></tr><tr><td colspan="2">UNSPECIFIED TOLERANCES</td><td colspan="2">THIRD ANGLE PROJECTION</td><td colspan="2">DESCRIPTION: NONCOMBUSTIBLE FLOOR INSTALLATION</td></tr><tr><td colspan="2">ANG. A ±</td><td colspan="2">MATERIAL: E.C. PUMICE MIXTURE</td><td colspan="2">SIZE: D</td></tr><tr><td colspan="2">LIN. X ±</td><td colspan="2">DATE: 10/1/2024</td><td colspan="2">SCALE: 1"=1'-0"</td></tr><tr><td colspan="2">XX ±</td><td colspan="2">DRAWN: K.B.H.</td><td colspan="2">DRAWING #: 82X60</td></tr><tr><td colspan="2">XXX ±</td><td colspan="2">APPROVED:</td><td colspan="2">REV:</td></tr><tr><td colspan="2"></td><td colspan="2">DATE:</td><td colspan="2">DO NOT SCALE</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td colspan="2">SHEET # 1 OF 5</td></tr></table>			earthcore INDUSTRIES, L.L.C.		UNLESS OTHERWISE STATED, ALL DIMENSIONS ARE IN INCHES		PROJECT: 60" XCELUX SERIES		UNSPECIFIED TOLERANCES		THIRD ANGLE PROJECTION		DESCRIPTION: NONCOMBUSTIBLE FLOOR INSTALLATION		ANG. A ±		MATERIAL: E.C. PUMICE MIXTURE		SIZE: D		LIN. X ±		DATE: 10/1/2024		SCALE: 1"=1'-0"		XX ±		DRAWN: K.B.H.		DRAWING #: 82X60		XXX ±		APPROVED:		REV:				DATE:		DO NOT SCALE						SHEET # 1 OF 5	
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ISOKERN COMPONENT AND ACCESSORIES LIST		
PART #	QTY.	DESCRIPTION
82X60	1	60" XCELUX FIREPLACE
---	1	6"x6"x1/2" STEEL ANGLE; 73-1/2" LONG (NOT SUPPLIED BY EARTHCORE, SOURCE LOCALLY)
12MDD-EC	1	12in ANCHOR PLATE W/ DRAFT DIVERTER & ISOWOOL
ISFXLB48(N/P)	1	48" ISOFLAMES LINEAR XL BURNER (N: NATURAL GAS/ P: PROPANE)
XL-VK(N/P)	1	200 kBTU GAS VALVE CONTROL BOX (N: NATURAL GAS/ P: PROPANE)
XV-MERDML	1	X-VENTISO-MERIDIAN FAN SYSTEM (CONSISTS OF THE FOLLOWING:)
		• X-VENTISO-MERIDIAN-350 FAN (XV-MERD-350)
		• X-VENTISO-350 FAN RAIN CAP (XV-350RC)
		• X-VENTISO-12" PIPE ADAPTER FOR 350 FAN (XV-350ADP12)
		• X-VENTISO-MERIDIAN DAMPER ASSEMBLY (XV-MERD-DAMP)
		• X-VENTISO-MERIDIAN ROOM PRESSURE PROBE/ COVER PLATE, STACK PRESSURE PROBE, TUBING (XV-MERD-PRESSKIT)
		• X-VENTISO-MERIDIAN CONTROL PANEL (XV-MERD-CTLR)
---	12	ASTM C90 16X8X8 CMU: REQUIRED FOR ALTERNATE COMBUSTIBLE FLOOR INSTALLATION

GENERAL NOTES

- THE ISOKERN 60" XCELUX SERIES FIREPLACE IS A TOP-VENTED, GAS ONLY FIREPLACE THAT IS APPROVED FOR USE ONLY WITH THE ISOFLAMES LINEAR XL BURNER SYSTEM AS SHOWN IN THIS DRAWING (ISFXLB48N/P)). USAGE OF ANY OTHER BURNER IN THIS FIREPLACE IS PROHIBITED AND WILL ABSOLVE EARTHCORE/ ISOKERN OR ANY DIVISION THEREOF FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES OR EXPENSES ARISING OUT OF THE USE OF THIS FIREPLACE.
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- THE XCELUX SERIES FIREPLACES SHALL BE INSTALLED WITH THE MINIMUM CLEARANCES TO COMBUSTIBLES AS LISTED BELOW:
 - UNIT FRONT: 0"
 - SIDES AND REAR: 1.5"
 - COMBUSTIBLE SHEATHING ABOVE OPENING TOP: 8"
 - SHEATHING OR TRIM TO OPENING SIDES: 8"
 - MANTEL ABOVE OPENING: 12"
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 - HEARTH EXTENSION BEYOND FRONT: 20"
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 - COMBUSTIBLE FLOOR: 5" (MUST USE COMBUSTIBLE FLOOR INSTALLATION APPLICATION AS DETAILED IN XCELUX INSTALLATION MANUAL, CONTINUOUS 1-1/4" THICK FIREBRICK FLOOR WITH 2-1/2" THICK FIREBRICK BURNER CAVITY, AND ISOFLAMES LINEAR XL BURNER AND VALVE)
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- THE "REDUCED HEIGHT APPLICATION" OF THE 82X60 FIREPLACE IS SHOWN IN THIS DRAWING. THIS REDUCED HEIGHT APPLICATION IS CREATED BY OMITTING ONE COURSE OF BACK AND SIDEWALLS FROM THE STOCK 4- COURSE TALL 82X60 FIREPLACE (MAX REDUCTION OF 9-1/2" ALLOWED; 3 FULL COURSES REQUIRED)
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- ALWAYS CHECK LOCAL BUILDING CODES GOVERNING FIREPLACES AND FIREPLACE INSTALLATIONS.

ISOMETRIC VIEW (N.T.S.)

12" B-VENT PIPE W/ DOWN-DRAFT DIVERTER; X-VENTISO-MERIDIAN FAN SYSTEM REQUIRED.

6" X 6" 1/2" STEEL ANGLE; 73-1/2" LONG REQUIRED.

NOT PROVIDED BY EARTHCORE, SOURCE LOCALLY

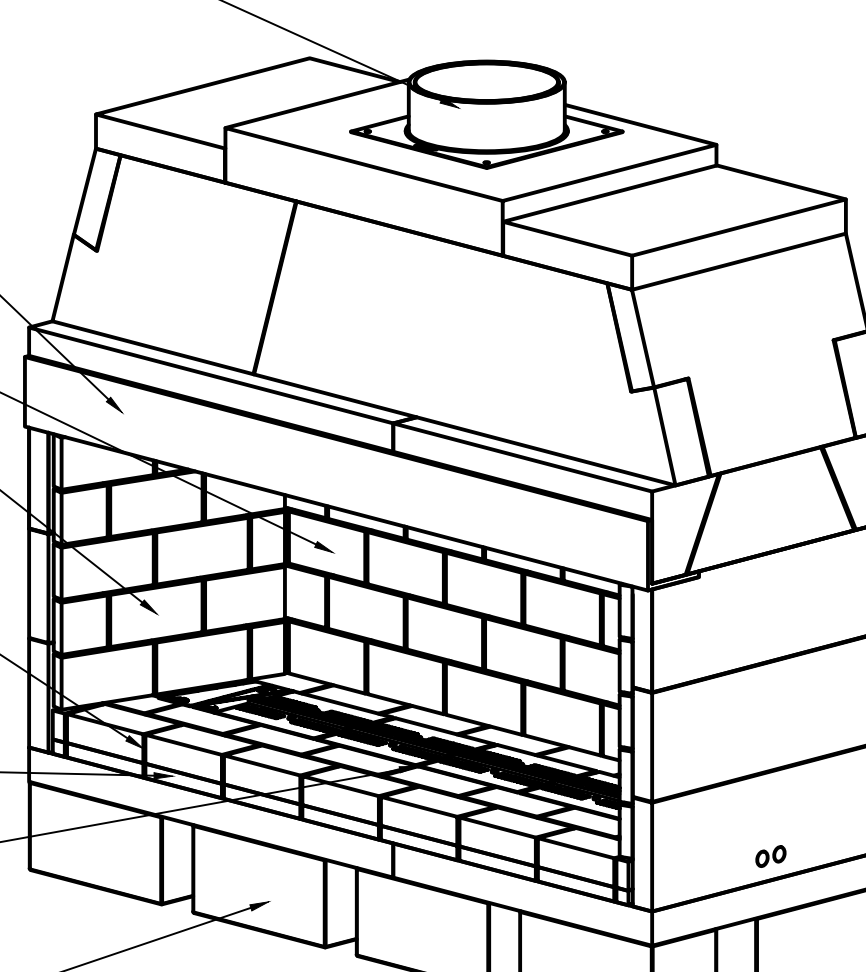
1-1/4" THICK FIREBRICK REQUIRED ON REAR AND SIDEWALLS

2-1/2" THICK LAYER OF FIREBRICK LAID ON TOP OF CONTINUOUS 1-1/4" THICK LAYER TO CREATE BURNER CAVITY.

CONTINUOUS LAYER OF 1-1/4" THICK FIREBRICK ON FLOOR


ISFXLB48 (N/P)

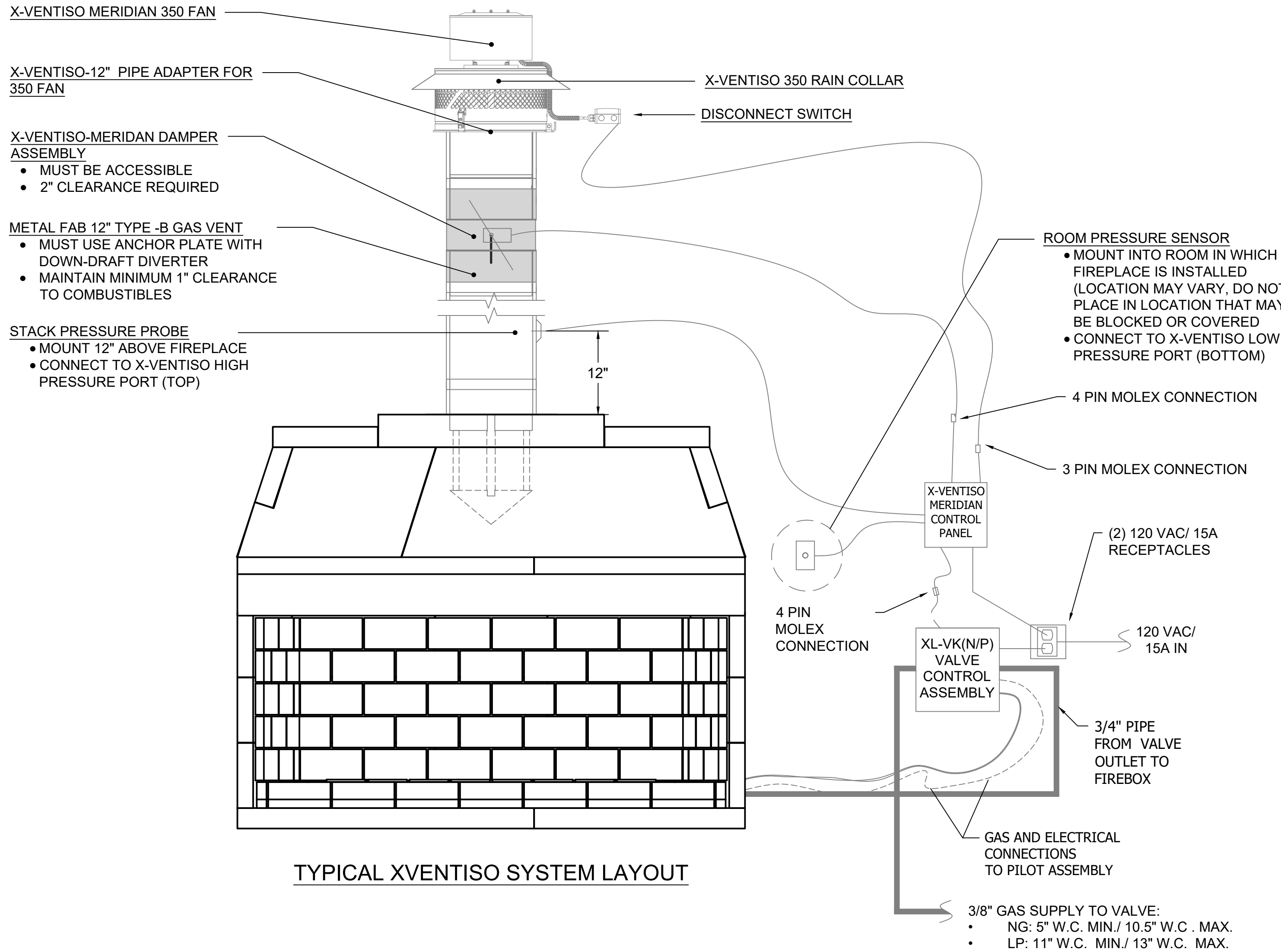
CMU SPACED PER INSTALLATION MANUAL



ISOMETRIC VIEW
SCALE: N.T.S.

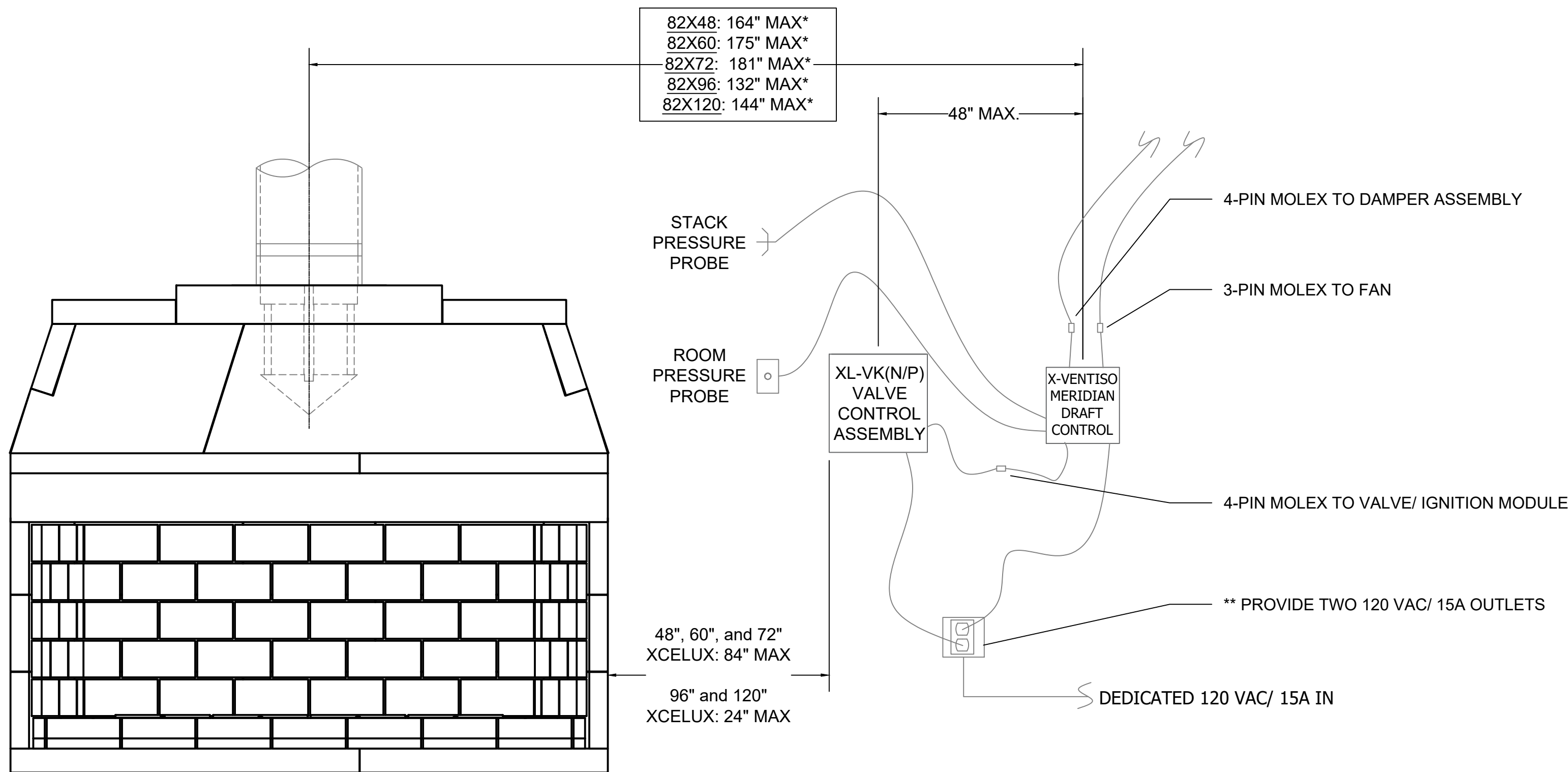
*REQUIRED XL-VK(N/P) VALVE ASSEMBLY NOT SHOWN

	UNLESS OTHERWISE STATED, ALL DIMENSIONS ARE IN INCHES		PROJECT:	60" XCELUX SERIES	
	UNSPECIFIED TOLERANCES		THIRD ANGLE PROJECTION	DESCRIPTION: COMBUSTIBLE FLOOR INSTALLATION W/ CMU	
	ANG. A ±	±	MATERIAL:	E.C. PUMICE MIXTURE	
	LIN. X ±	±	DRAWN:	DATE:	SIZE:
	XX ±	±	K.B.H	10/1/2024	D 1"=1'-0"
					DRAWING #: 82X60
					REV:



* Maximum values as shown are derived from length of Molex connectors to the gas valve control assembly.

** Outlet locations must be within the extents of the 72" power supply cables of the Meridian Control Panel and the XL-VK(N/P) Gas Valve/ Control Assembly



XVENTISO AND XL-VK(N/P) LOCATION GUIDELINES

ISOKERN COMPONENT AND ACCESSORIES LIST

PART #	QTY.	DESCRIPTION
82X60	1	60" XCELUX FIREPLACE
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12MDD-EC	1	12in ANCHOR PLATE W/ DRAFT DIVERTER & ISOWOOL
ISFXLB48(N/P)	1	48" ISOFLAMES LINEAR XL BURNER (N: NATURAL GAS/ P: PROPANE)
XL-VK(N/P)	1	200 kBTU GAS VALVE CONTROL BOX (N: NATURAL GAS/ P: PROPANE)
XV-MERDML	1	X-VENTISO-MERIDIAN FAN SYSTEM (CONSISTS OF THE FOLLOWING:) <ul style="list-style-type: none">X-VENTISO-MERIDIAN-350 FAN (XV-MERD-350)X-VENTISO-350 FAN RAIN CAP (XV-350RC)X-VENTISO-12" PIPE ADAPTER FOR 350 FAN (XV-350ADP12)X-VENTISO-MERIDIAN DAMPER ASSEMBLY (XV-MERD-DAMP)X-VENTISO-MERIDIAN ROOM PRESSURE PROBE/ COVER PLATE, STACK PRESSURE PROBE, TUBING (XV-MERD-PRESSKIT)X-VENTISO-MERIDIAN CONTROL PANEL (XV-MERD-CTLR)
---	6	ISOKERN #133: REQUIRED FOR COMBUSTIBLE FLOOR INSTALLATION
---	12	ASTM C90 16X8X8 CMU: REQUIRED FOR ALTERNATE COMBUSTIBLE FLOOR INSTALLATION

GENERAL NOTES

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earthcore INDUSTRIES, L.L.C.		UNLESS OTHERWISE STATED, ALL DIMENSIONS ARE IN INCHES		PROJECT: 60" XCELUX SERIES	
		UNSPECIFIED TOLERANCES	THIRD ANGLE PROJECTION	DESCRIPTION: XVENTISO AND XL-VK(N/P) LAYOUT AND LOCATIONS	
ANG. A	±			MATERIAL: E.C. PUMICE MIXTURE	
LIN. X	±			DRAWN: K.B.H.	
XX	±			DATE: 10/1/2024	
XXX	±			APPROVED:	
		SIZE: D	SCALE: N.T.S.	DRAWING #: 82X60	REV:
		DO NOT SCALE SHEET # 4 OF 5			

