

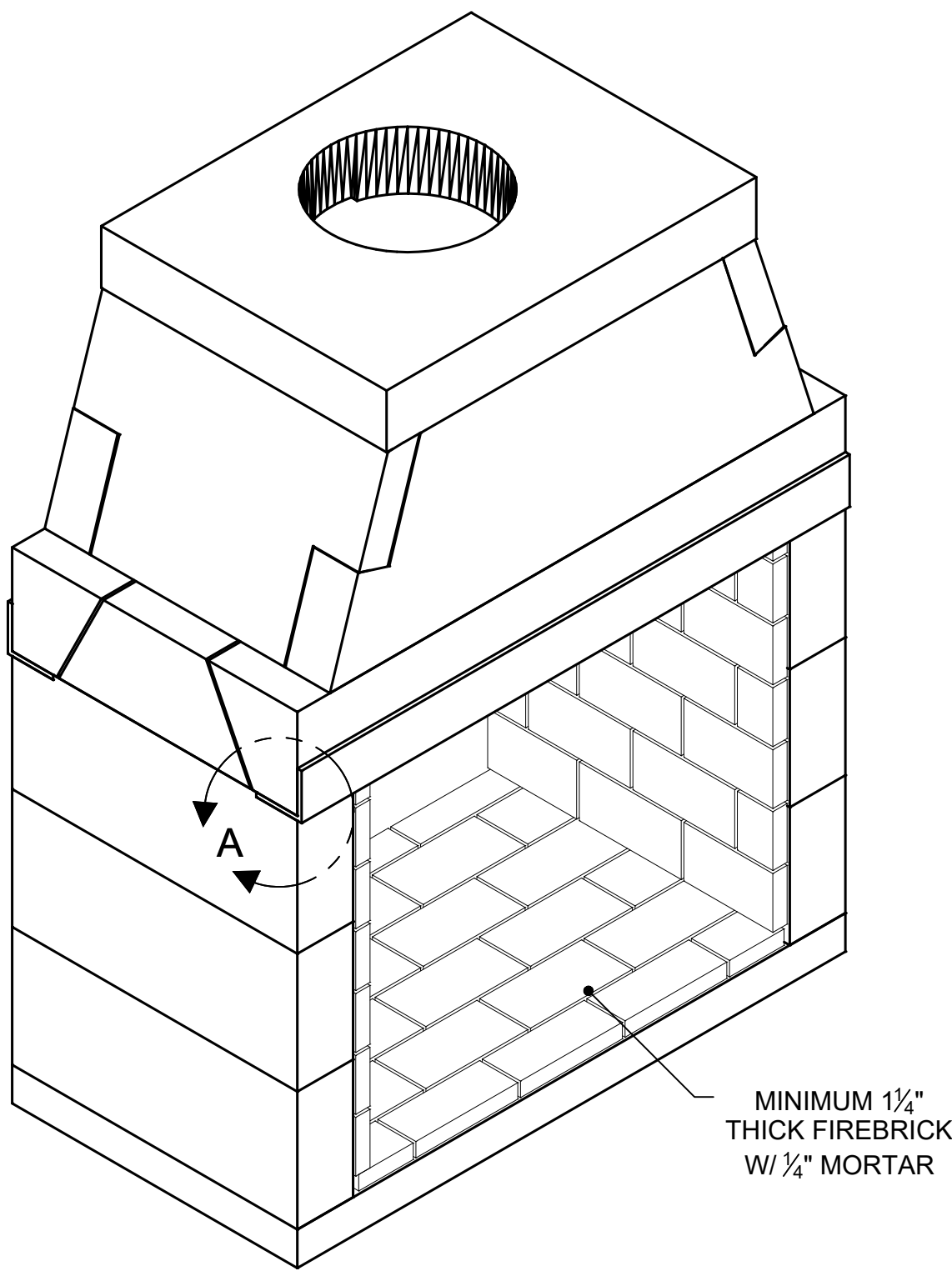
FIREPLACE ORDER

80S36ST

GENERAL NOTES

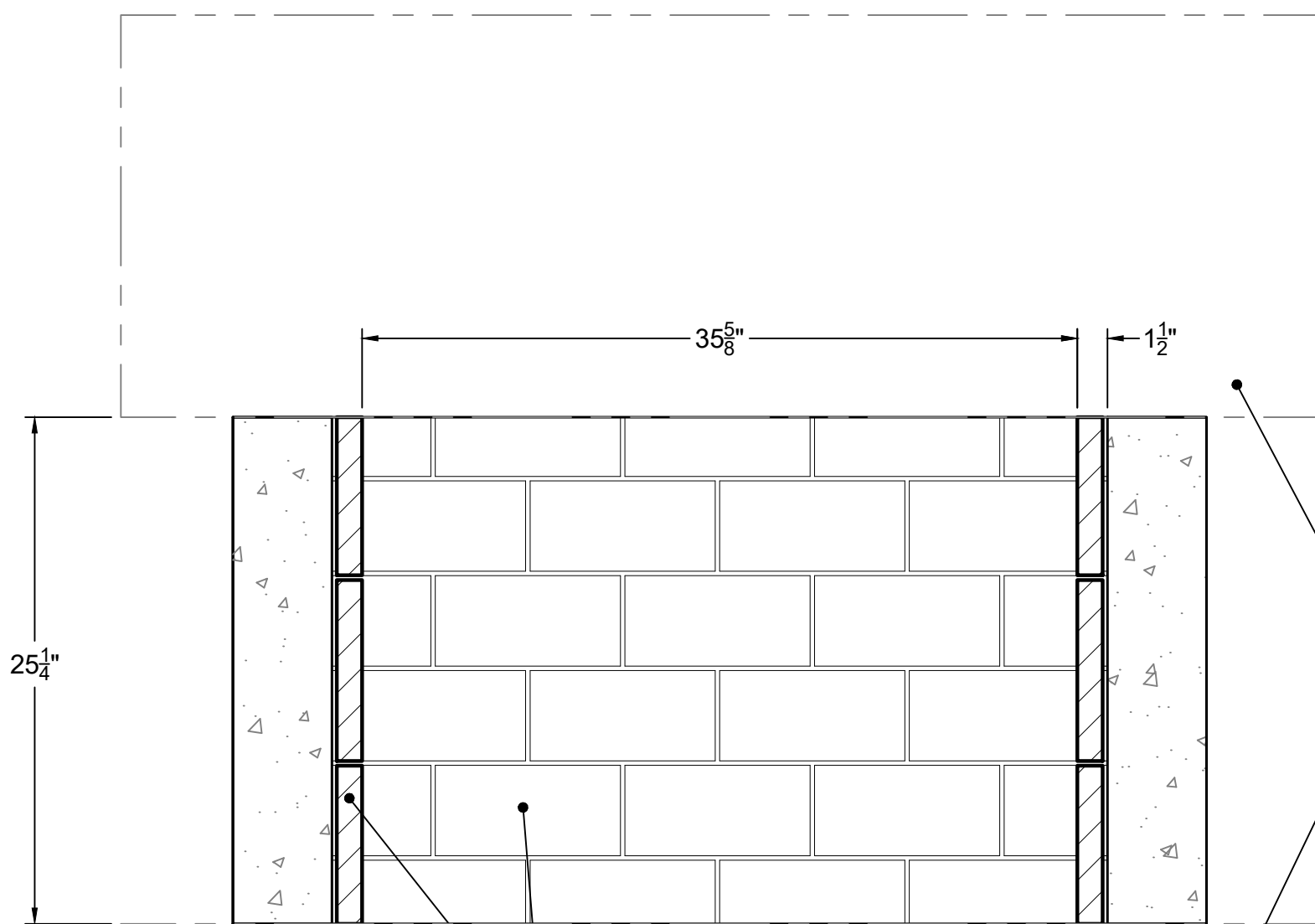
- THIS IS A CUSTOM ISOKERN FIREPLACE AND CARRIES NO LISTING, UL OR OTHERWISE.
- FIREPLACE SHALL BE INSTALLED WITH THE MINIMUM CLEARANCES TO COMBUSTIBLES AS LISTED BELOW. NOTE: HEARTH EXTENSION REQUIREMENTS AND ALL CLEARANCES AS MEASURED FROM OPENINGS SHALL APPLY TO ALL OPEN SIDES OF THE FIREPLACE :
 - SMOKE DOME FRONT AND ISOKERN CHIMNEY: 0"
 - SIDES AND REAR: 1.5"
 - COMBUSTIBLE SHEATHING ABOVE OPENING TOP: 8"
 - SHEATHING OR TRIM TO OPENING SIDES: 8"
 - MANTEL ABOVE OPENING: 14"
 - OPENING TO SIDEWALLS: 26"
 - HEARTH EXTENSION BEYOND FRONT: 20"
 - HEARTH EXTENSION BEYOND SIDES (FINISHED): 12"
 - COMBUSTIBLE FLOOR: NOT ALLOWED
 - INSULATION FROM FIREBOX (UNSHIELDED): 3"
- THE FIREPLACE AND NONCOMBUSTIBLE HEARTH EXTENSION SHALL REST ATOP A NONCOMBUSTIBLE FLOORING SYSTEM WITH NO WOODEN UNDERPINNINGS.
- MECHANICAL VENTILATION ASSISTANCE IS REQUIRED FOR THIS DESIGN. A MECHANICAL DRAFT COMPANY SHALL BE CONSULTED TO SPECIFY VENTILATION SYSTEM COMPONENTS/ CAPACITY BASED ON SPECIFIC INSTALLATION REQUIREMENTS.**
- IF YOU INSTALL A VENTED GAS LOG SET (DECORATIVE GAS APPLIANCE), THE LOG SET MUST COMPLY WITH THE STANDARD FOR DECORATIVE GAS APPLIANCE FOR INSTALLATION IN SOLID FUEL BURNING FIREPLACES, ANSI Z21.60 OR Z21.84 AND SHALL ALSO BE INSTALLED IN ACCORDANCE WITH THE NATIONAL FUEL GAS CODE, ANSI Z223/ NFPA 54; LATEST EDITION. IF YOU WISH TO INSTALL AN UNVENTED (VENT-FREE) GAS LOG SET, ONLY UNVENTED GAS LOG SETS WHICH HAVE BEEN FOUND TO COMPLY WITH THE STANDARD FOR UNVENTED ROOM HEATERS, ANSI Z21.11.2 ARE TO BE INSTALLED IN THIS FIREPLACE. CHECK LOCAL CODES FOR COMPLIANCE FOR UNVENTED (VENT FREE) GAS LOG SETS.
- 4" COMBUSTION AIR INLET KITS ARE RECOMMENDED BY EARTHCORE FOR THE STANDARD AND MAGNUM SERIES FIREPLACES AND MAY HELP IMPROVE FIREPLACE OPERATION IN HOMES TIGHTLY SEALED AND WITH OTHER VENTILATING APPLIANCES INSTALLED. IF THE INSTALLATION IS TO BE LONGER THAN TEN FEET (10'), THEN THE SIX INCH (6") ADAPTER WILL BE NEEDED. THIS ADAPTER WILL ATTACH TO THE EXISTING FOUR INCH (4") SLEEVE OUTSIDE OF THE UNIT. THE SIX INCH ADAPTER INCLUDES AN ADDITIONAL TWENTY FEET OF 6" FLEX HOSE, FOR A MAXIMUM RUN OF THIRTY FEET (30').
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- 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.
- ALWAYS CHECK LOCAL BUILDING CODES GOVERNING FIREPLACES AND FIREPLACE INSTALLATIONS.

ISOMETRIC VIEW (N.T.S)



NOTE: WHENEVER THE MAXIMUM DM CHIMNEY HEIGHT OF 57' IS EXCEEDED, OR IN ANY INSTANCE WHERE THE ISOKERN BRICK LEDGE IS USED, IT IS REQUIRED THAT THE FIREBOX/SMOKE DOME ASSEMBLY INCLUDE THE PLACEMENT OF A 4" BY 4" BY 3/8" MINIMUM STEEL ANGLE ACROSS THE FIREBOX OPENING. (SEE DETAIL A)

SEE DETAIL-B ON NEXT SHEET FOR CLEARANCES TO SURROUNDING COMBUSTIBLE CONSTRUCTION

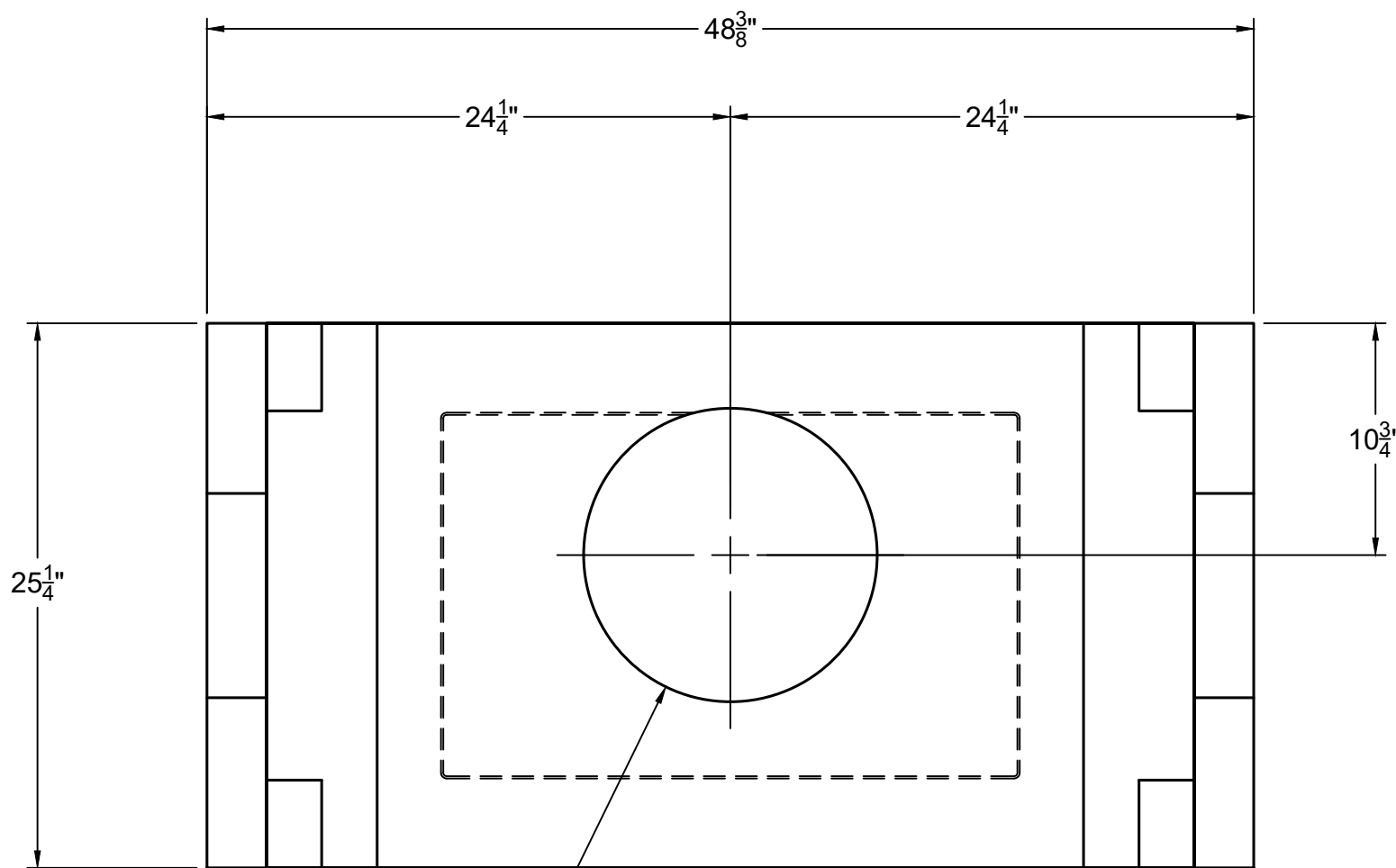


ISOKERN FIREBOX AND NONCOMBUSTIBLE HEARTH EXTENSION SHALL BE SUPPORTED BY CONCRETE SLAB WITH NO COMBUSTIBLE UNDERPINNINGS.

HEARTH EXTENSION SHALL EXTEND A MINIMUM OF 20" TO THE FRONT AND 12" TO THE SIDES OF FIREBOX'S FINISHED OPENING.

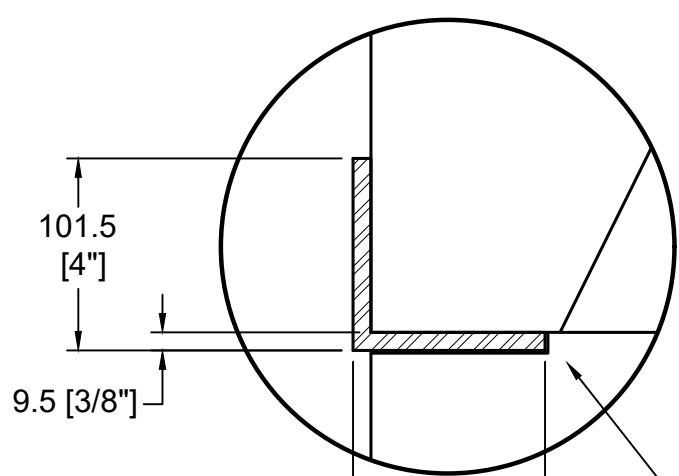
MINIMUM
1/4" THICK FIREBRICK
W/ 1/4" MORTAR

SECTION-B-B
HORIZONTAL FIREBRICK DETAIL



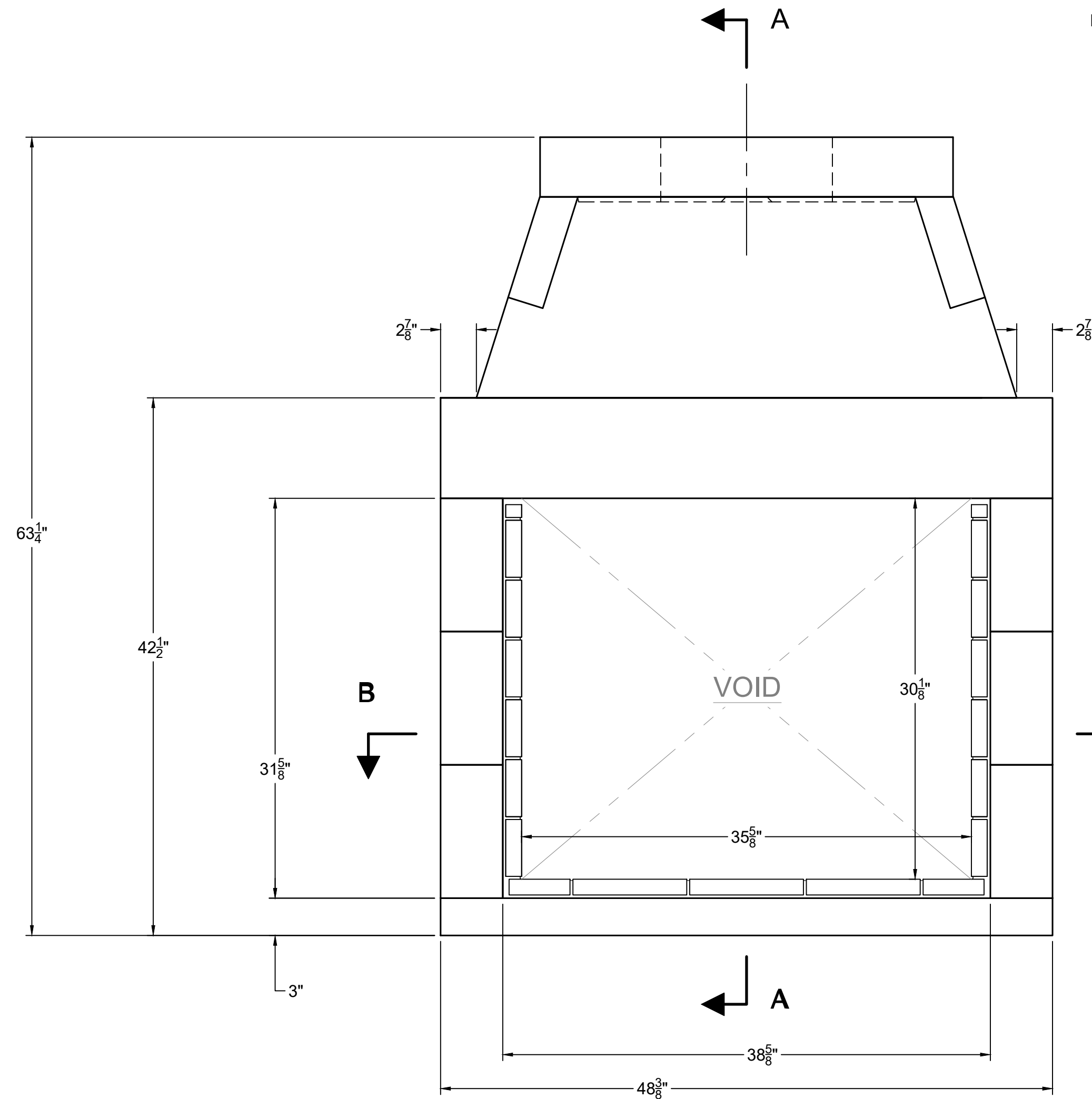
Ø13 5/8" FLUE OUTLET.
MECHANICAL VENTILATION
ASSISTANCE REQUIRED.

TOP VIEW

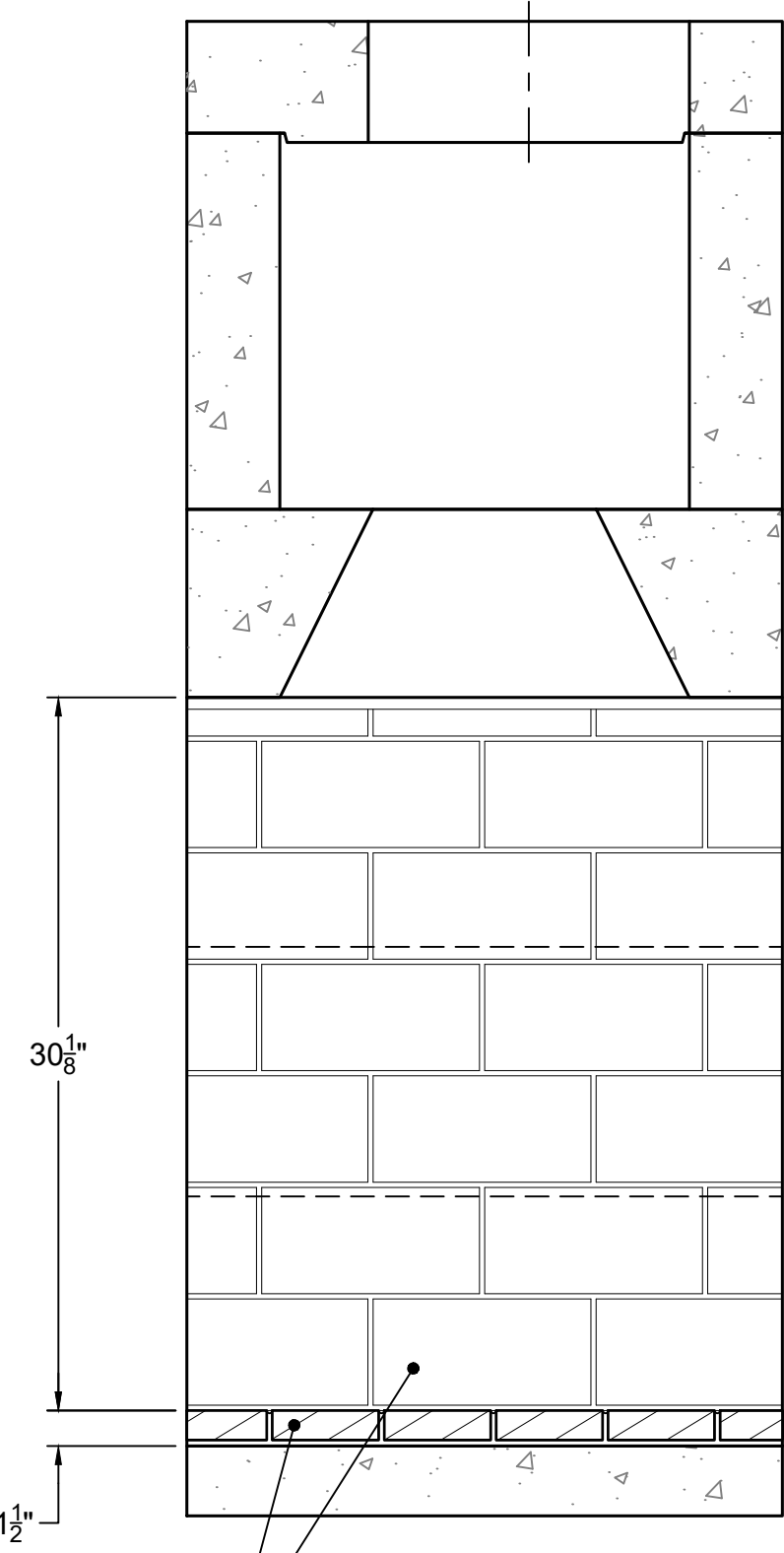


SIDE WALLS MUST BE NOTCHED (FRONT AND REAR) SO THAT ANGLE IRON WILL SIT FLUSH WITH TOP OF WALL

DETAIL A
DAMPER SUPPORT ANGLE

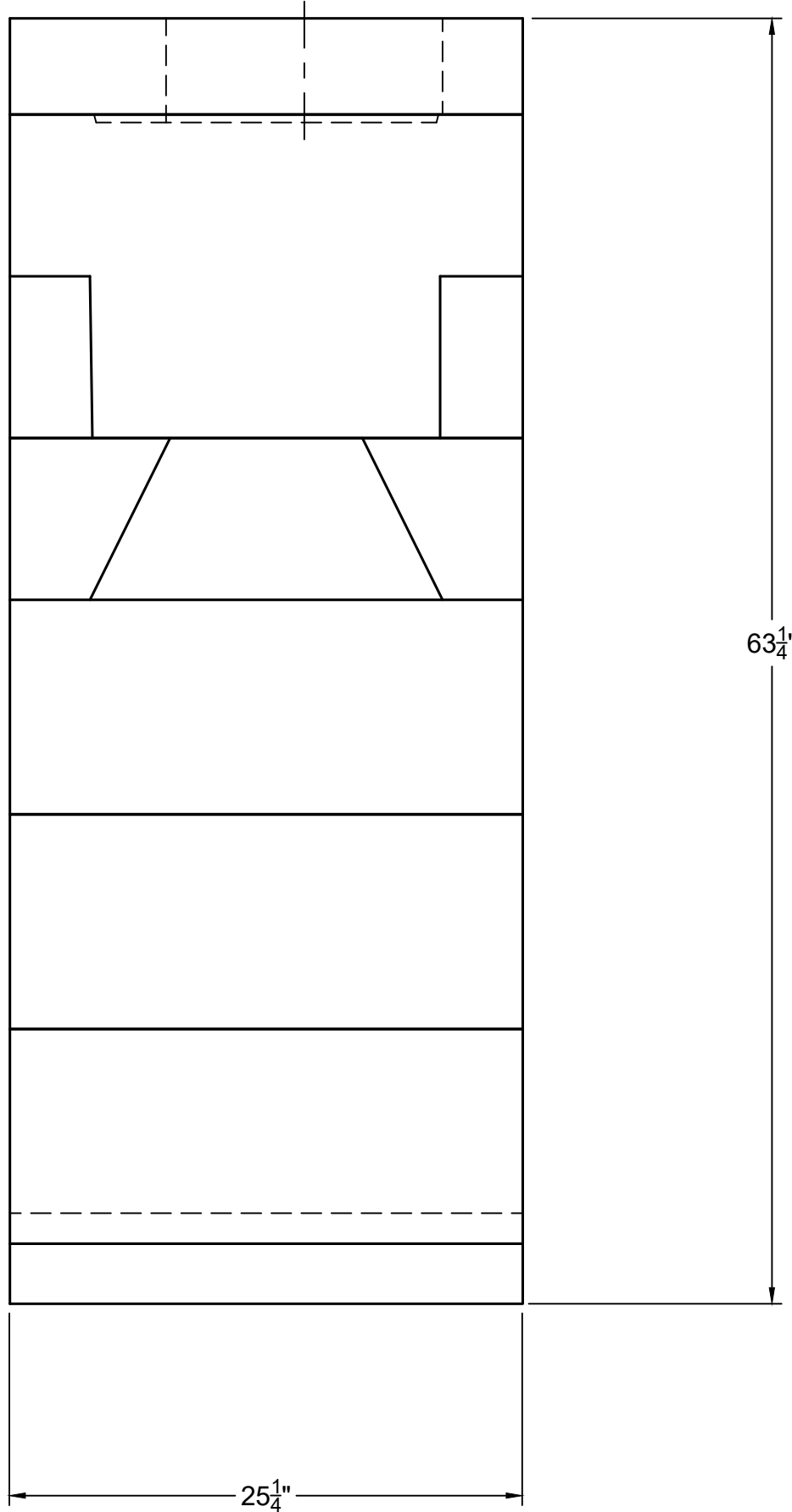


FRONT VIEW



MINIMUM
1/4" THICK FIREBRICK
W/ 1/4" MORTAR

SECTION A-A
VERTICAL FIREBRICK DETAIL



RIGHT-SIDE VIEW

earthcore
INDUSTRIES, L.L.C.

6899 Philips Industrial Blvd.
Jacksonville, FL 32256

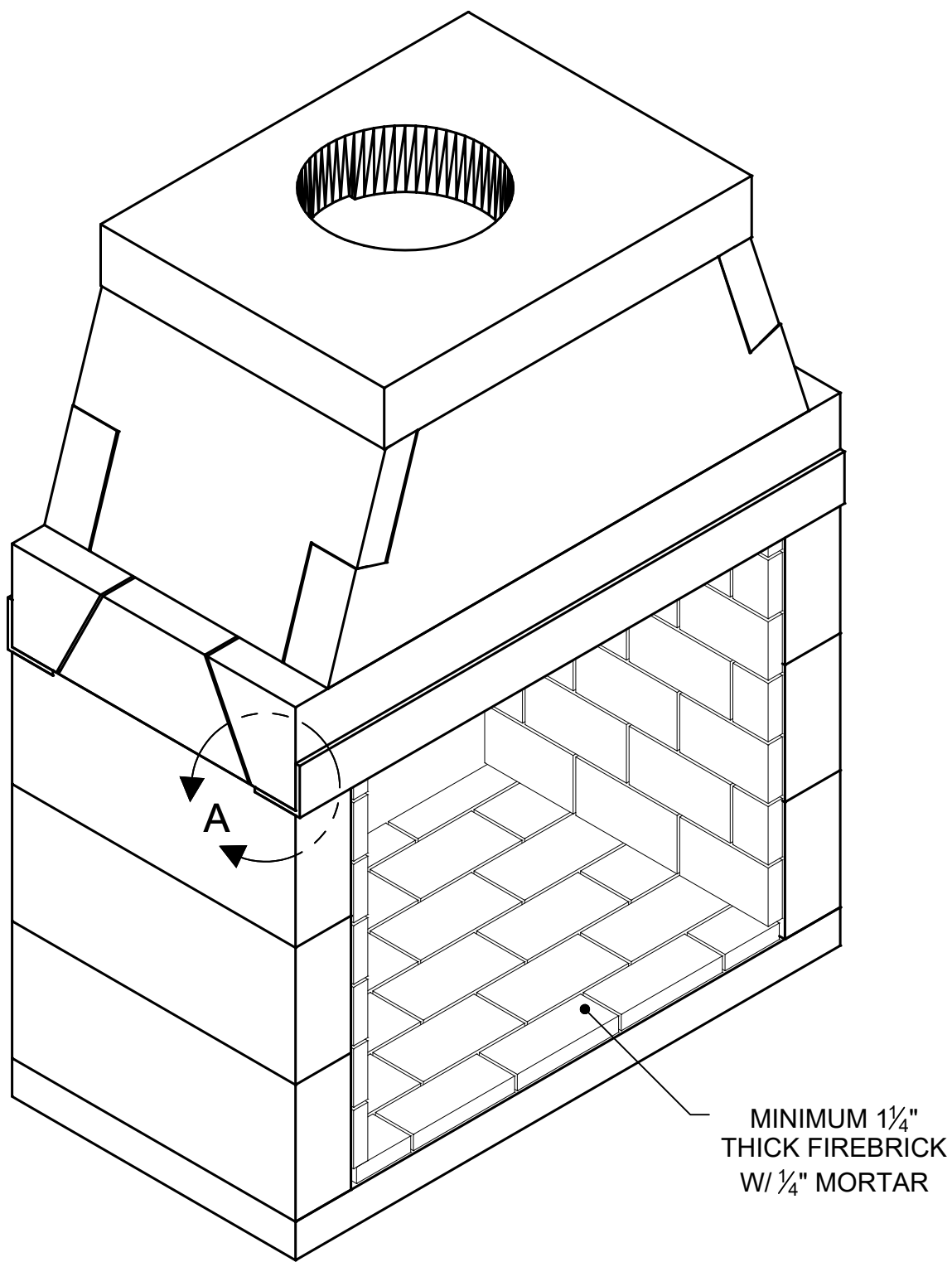
UNLESS OTHERWISE STATED, ALL DIMENSIONS ARE IN MILLIMETERS		PROJECT: 36"-SEE THRU (80s36ST)	
THIRD ANGLE PROJECTION		DESCRIPTION: FIREPLACE CONSTRUCTION DOCUMENT	
ANG.	X ±	MATERIAL: E.C. PUMICE MIXTURE	
LIN.	X ±	DRAWN: K.B.H	DATE: 11/20/2023
	X ±	APPROVED:	DATE:
	XX ±		
SIZE: D		SCALE: 1-1/2"=1'-0"	DRAWING #: 80s36ST
DO NOT SCALE		SHEET # 1	OF 2

FIREPLACE ORDER #:
80S36ST

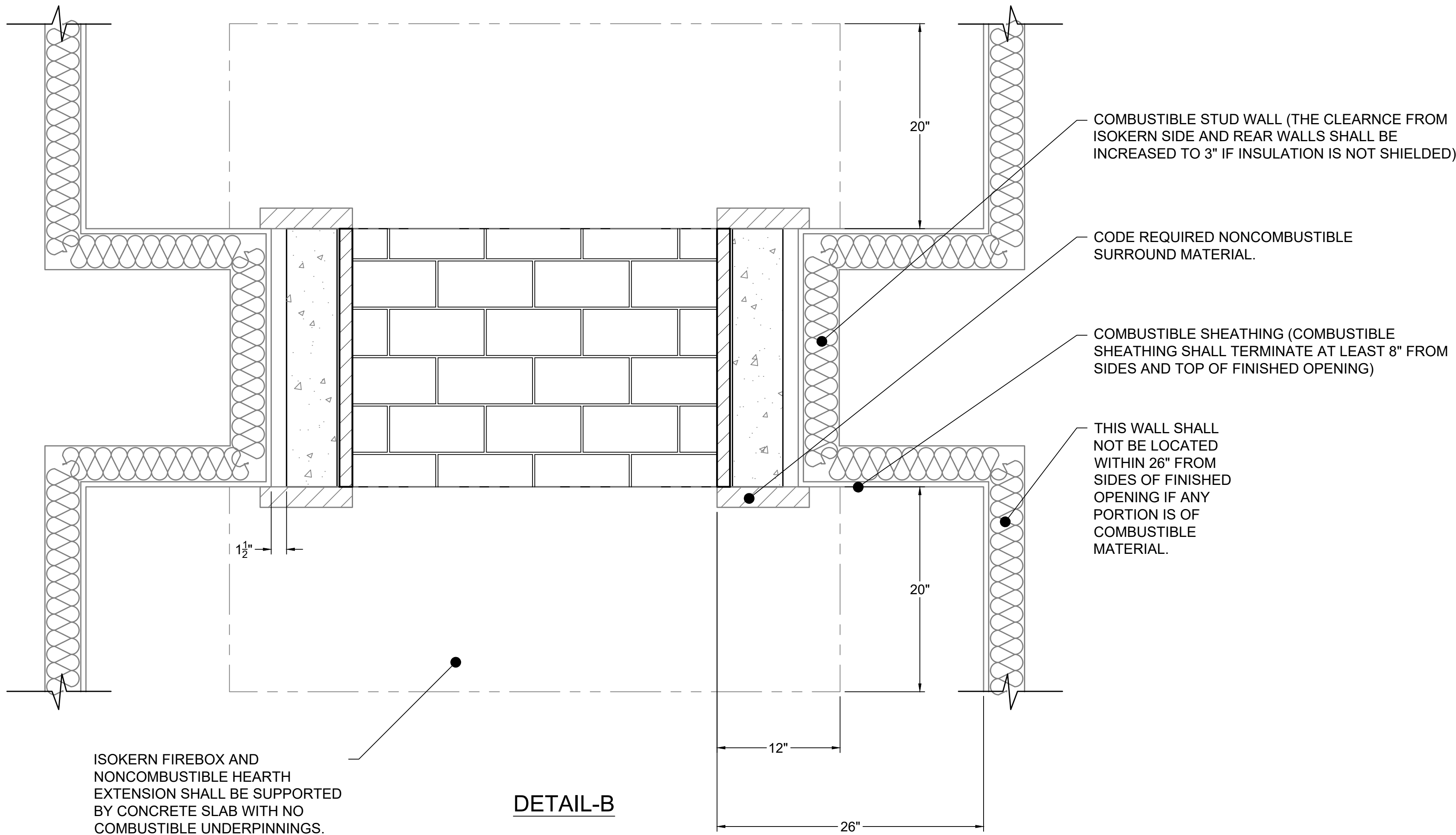
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DETAIL-B

earthcore
INDUSTRIES, L.L.C.

6899 Phillips Industrial Blvd.
Jacksonville, FL 32256

UNLESS OTHERWISE STATED, ALL DIMENSIONS ARE IN MILLIMETERS				PROJECT: 36" SEE-THRU					
UNSPECIFIED TOLERANCES		THIRD ANGLE PROJECTION		DESCRIPTION: CLEARANCES TO COMBUSTIBLE CONSTRUCTION					
ANG.	X ±		MATERIAL: E.C. PUMICE MIXTURE						
LIN.	X ±		DRAWN: K.B.H.		DATE: 11/20/2023	SIZE: D	SCALE: N.T.S.	DRAWING #: 80s36ST	REV: F
	X ±		APPROVED:		DATE:	DO NOT SCALE		SHEET # 2	OF 2
	XX ±								