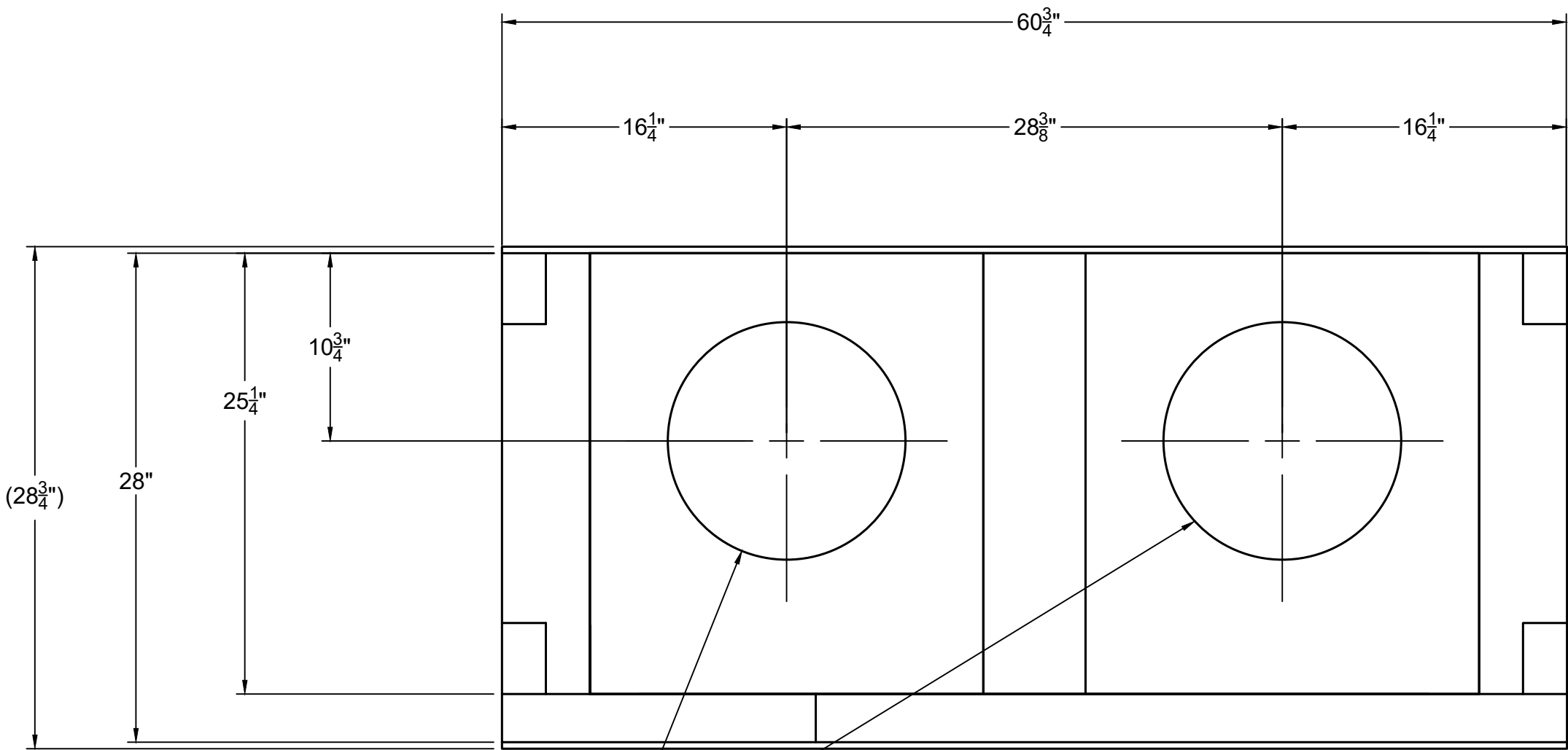
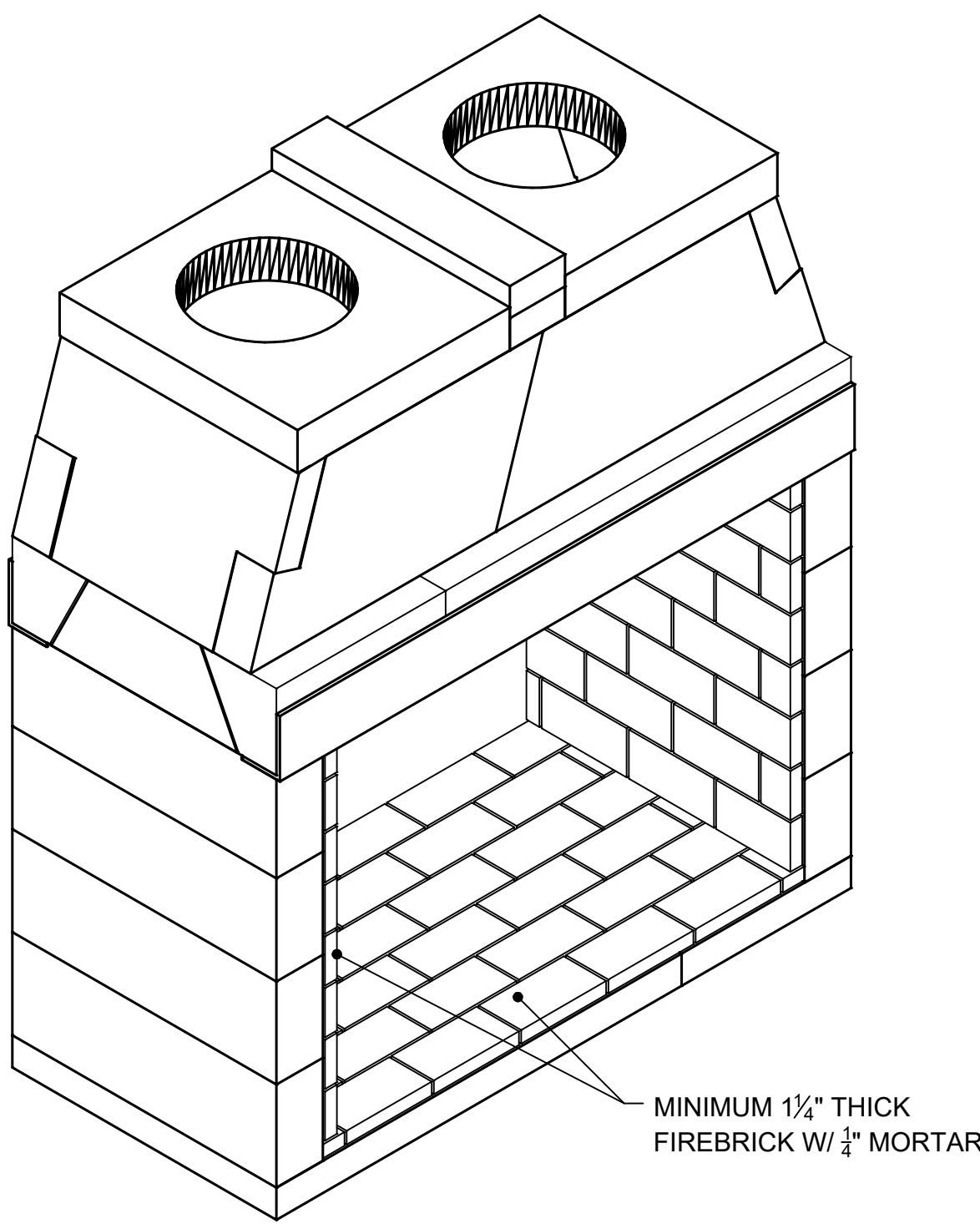


FIREPLACE ORDER # :
82048ST

GENERAL NOTES

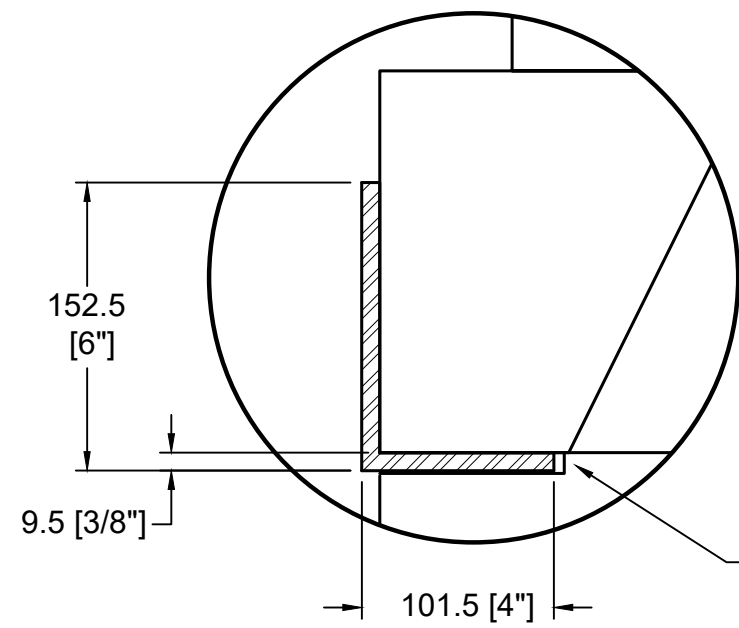
- THIS CUSTOM ISOKERN FIREPLACE CARRIES NO LISTING, UL OR OTHERWISE.
- FIREPLACE SHALL BE INSTALLED WITH THE MINIMUM CLEARANCES TO COMBUSTIBLES AS LISTED BELOW. NOTE: HEARTH EXTENSION REQUIREMENTS AND ALL CLEARANCES AS MEASURED FROM OPENINGS SHALL APPLY TO ALL OPEN SIDES OF THE FIREPLACE :
 - SMOKE DOME 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.
- 4"x6"x $\frac{3}{8}$ " STEEL ANGLE, 60 $\frac{7}{8}$ " LONG, IS REQUIRED TO SPAN OPENING ON BOTH SIDES OF FIREBOX. ANGLE IS NOT SUPPLIED BY EARTHCORE, MUST SOURCE LOCALLY.
- 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 7223/ 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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ISOMETRIC VIEW (N.T.S)



(2X) Ø345 [Ø13 9/16"] FLUE
OUTLET. MECHANICAL
VENTILATION ASSISTANCE
REQUIRED.

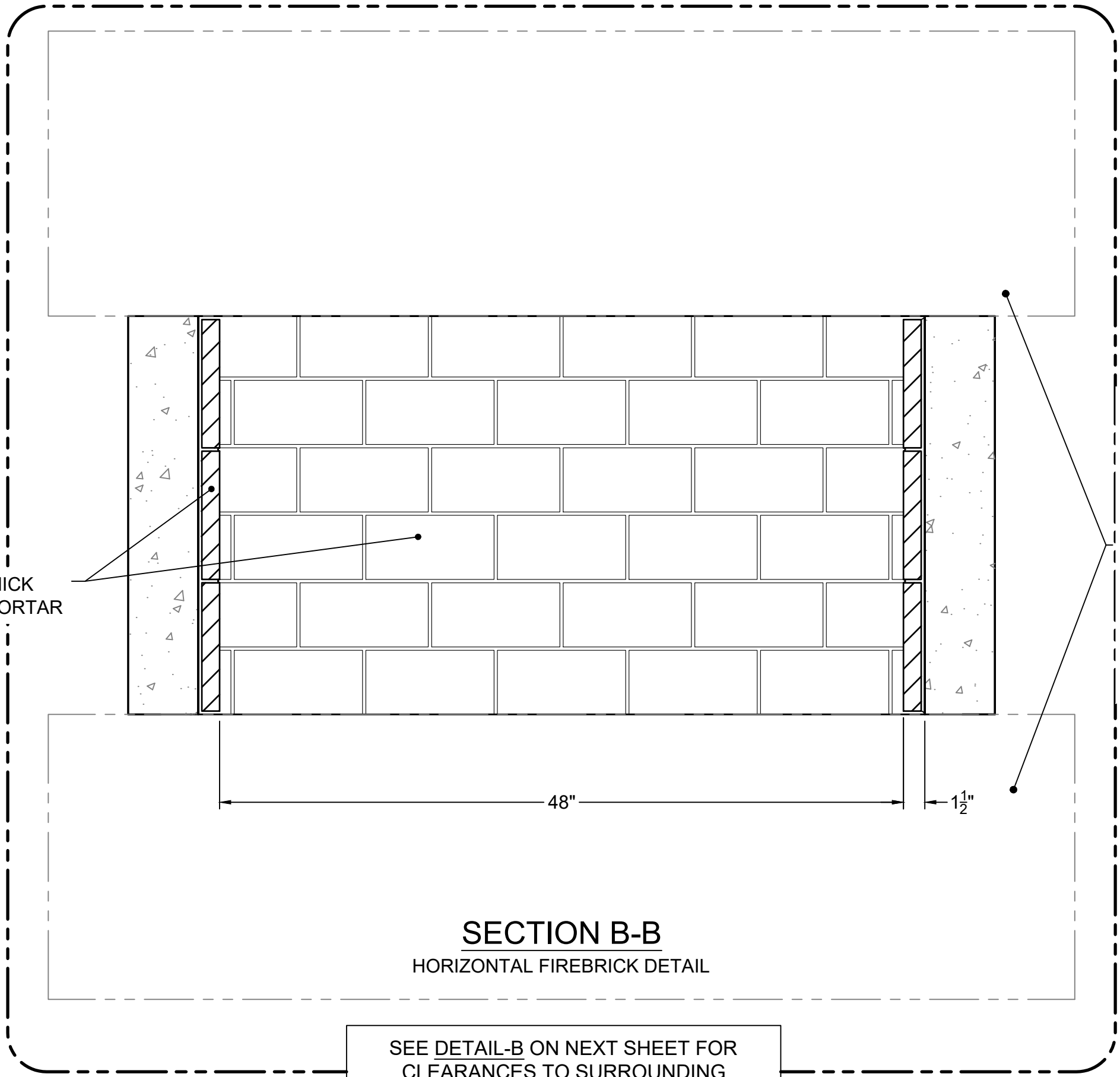
TOP VIEW



DETAIL A
DAMPER SUPPORT ANGLE

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

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

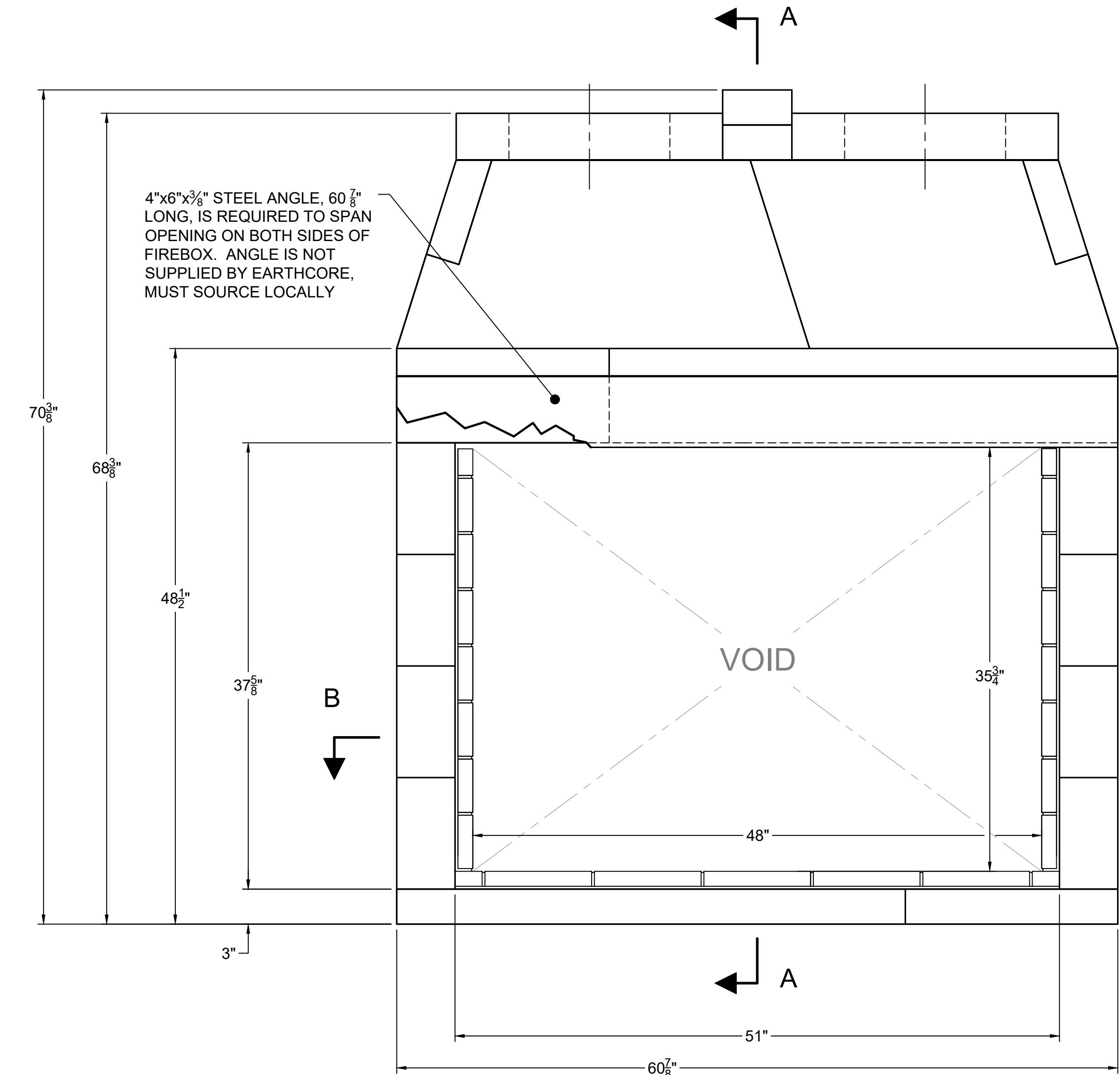


SECTION B-B
HORIZONTAL FIREBRICK DETAIL

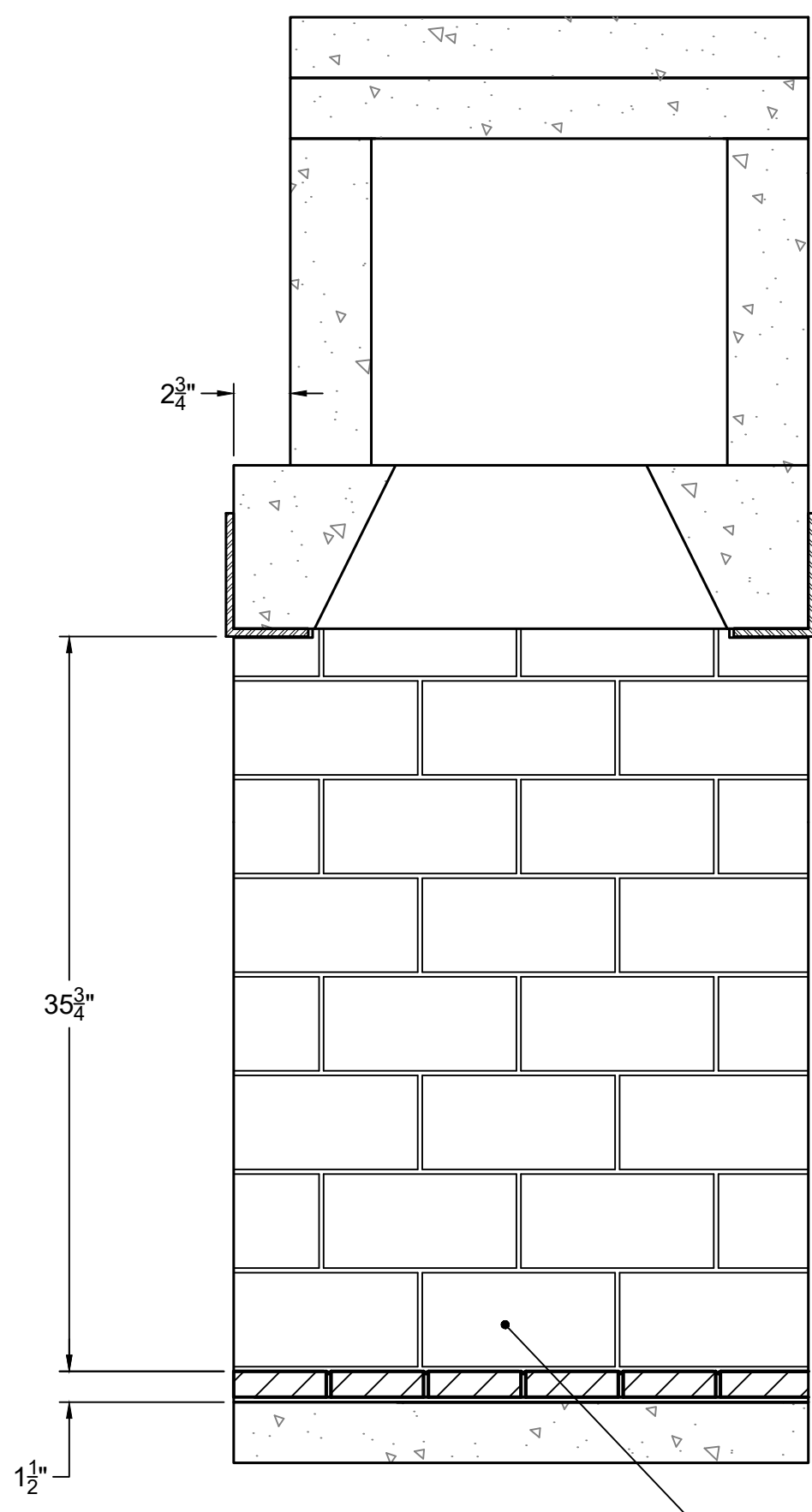
SEE DETAIL-B ON NEXT SHEET FOR
CLEARANCES TO SURROUNDING
COMBUSTIBLE CONSTRUCTION

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.

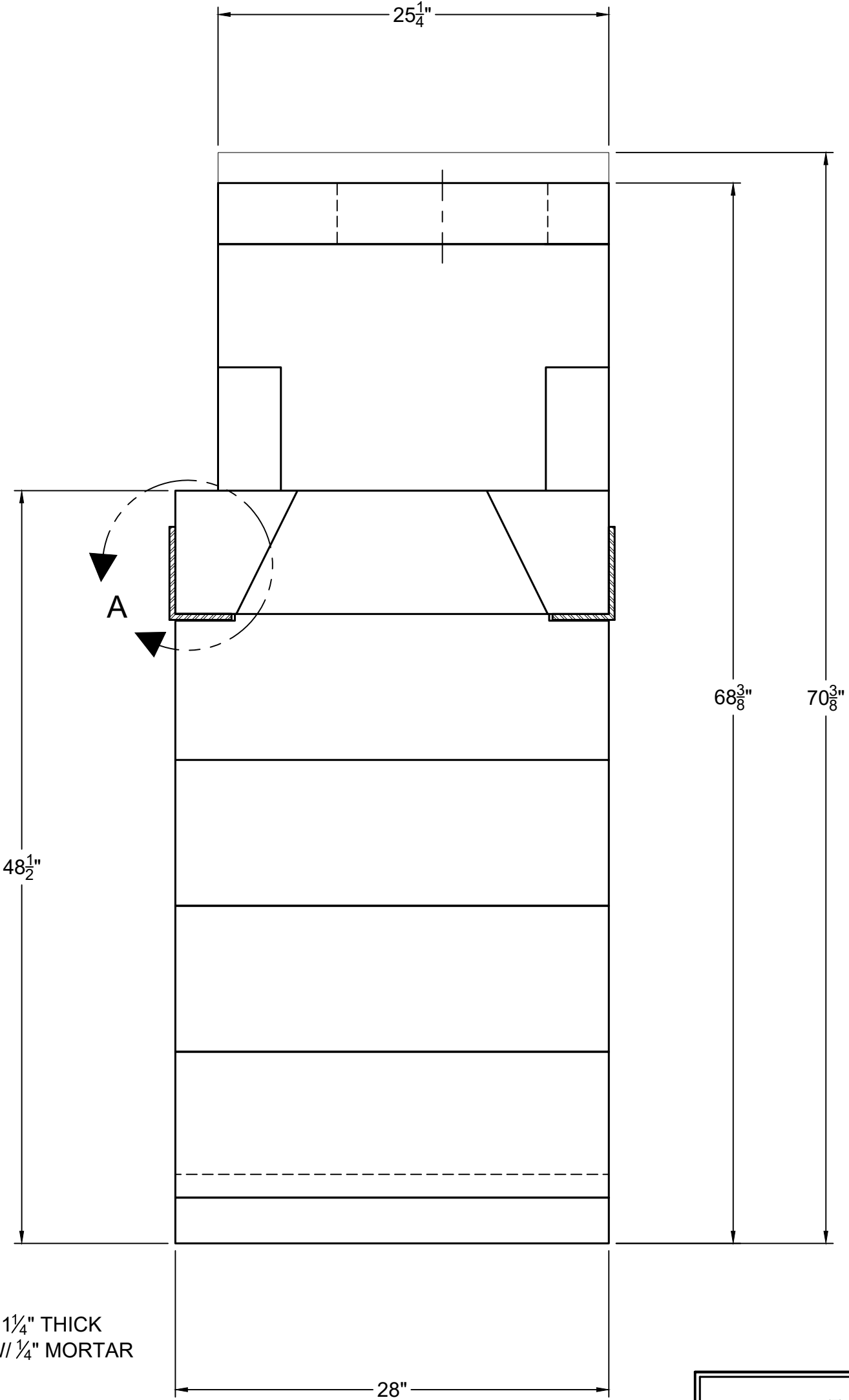


FRONT VIEW

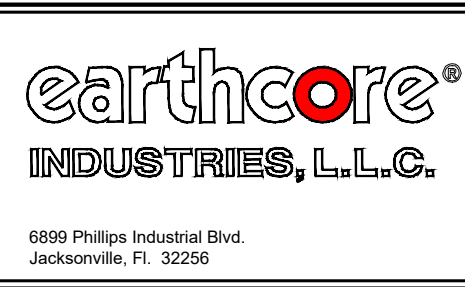


SECTION A-A
HORIZONTAL FIREBRICK DETAIL

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



RIGHT-SIDE VIEW



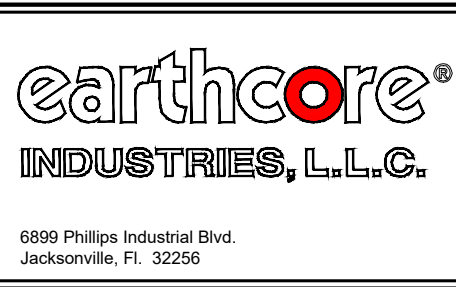
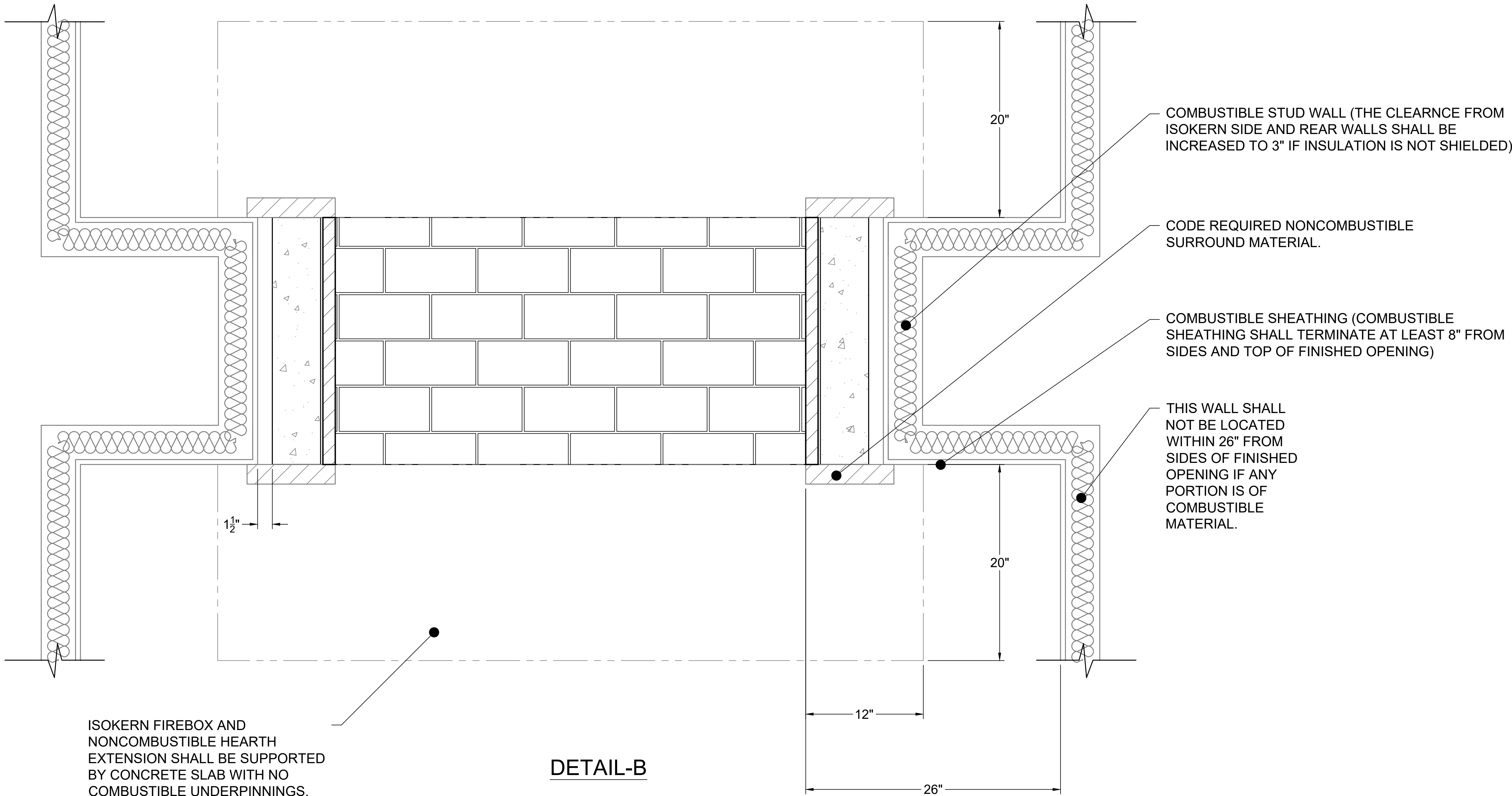
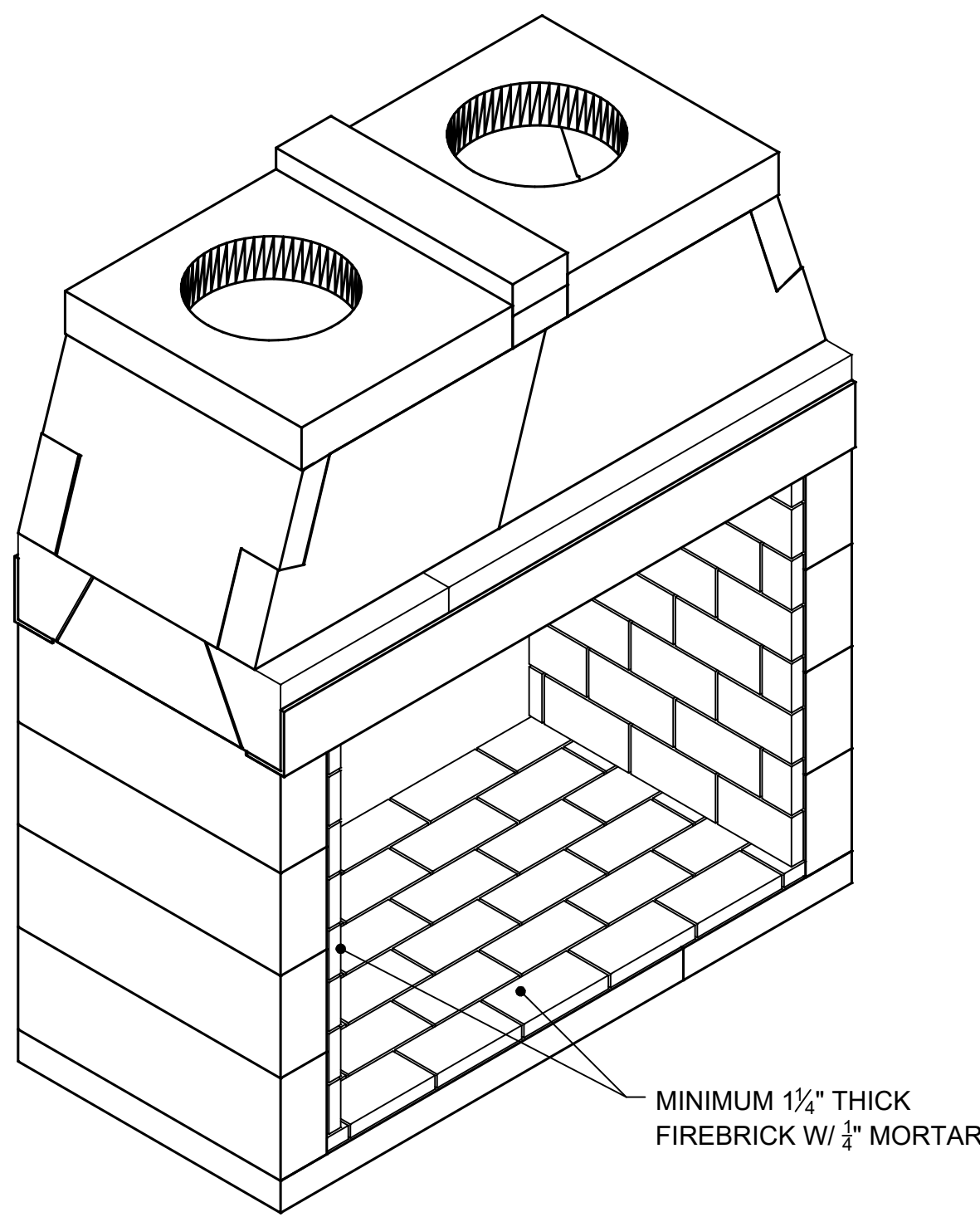
UNLESS OTHERWISE STATED, ALL DIMENSIONS ARE IN MILLIMETERS		PROJECT: 48" MAGNUM-SEE THRU	
THIRD ANGLE PROJECTION		DESCRIPTION: FIREPLACE CONSTRUCTION DOCUMENT	
MATERIAL: E.C. PUMICE MIXTURE		SCALE: 1-1/2"=1'-0"	
DRAWN: K.B.H.		DATE: 6/3/2025	
APPROVED:		DATE:	
DO NOT SCALE		SHEET # 1 OF 2	

FIREPLACE ORDER # :
82048ST

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ISOMETRIC VIEW (N.T.S)



UNLESS OTHERWISE STATED, ALL DIMENSIONS ARE IN MILLIMETERS		PROJECT: 48" MAGNUM-SEE THRU	
UNSPECIFIED TOLERANCES		THIRD ANGLE PROJECTION	
DESCRIPTION: CLEARANCES TO COMBUSTIBLE CONSTRUCTION		MATERIAL: E.C. PUMICE MIXTURE	
DRAWN: K.B.H.		DATE: 6/3/2025	
APPROVED:		DATE:	
SIZE: D		SCALE: N.T.S.	
DRAWING #: 82048ST		REV: H	
DO NOT SCALE		SHEET # 2 OF 2	