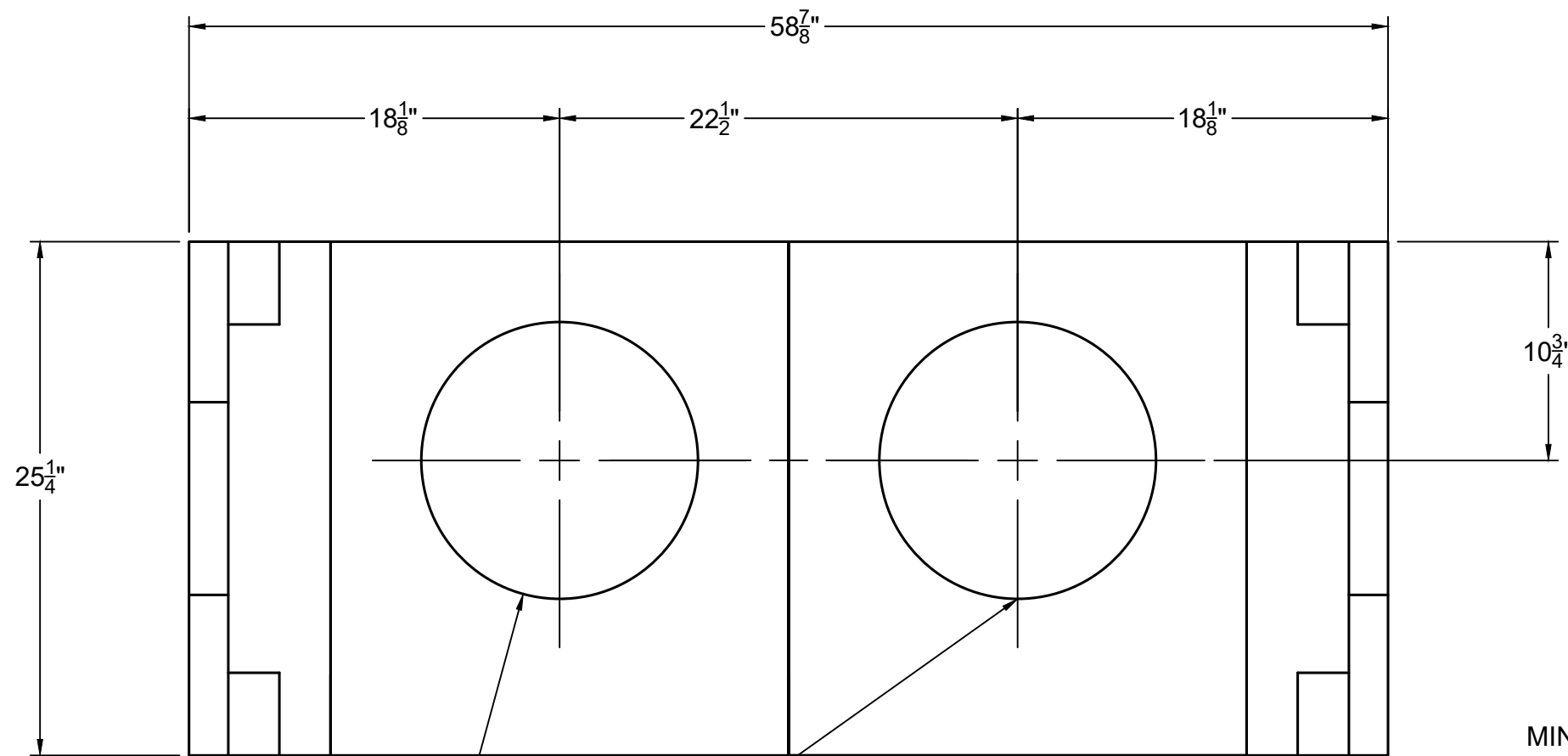
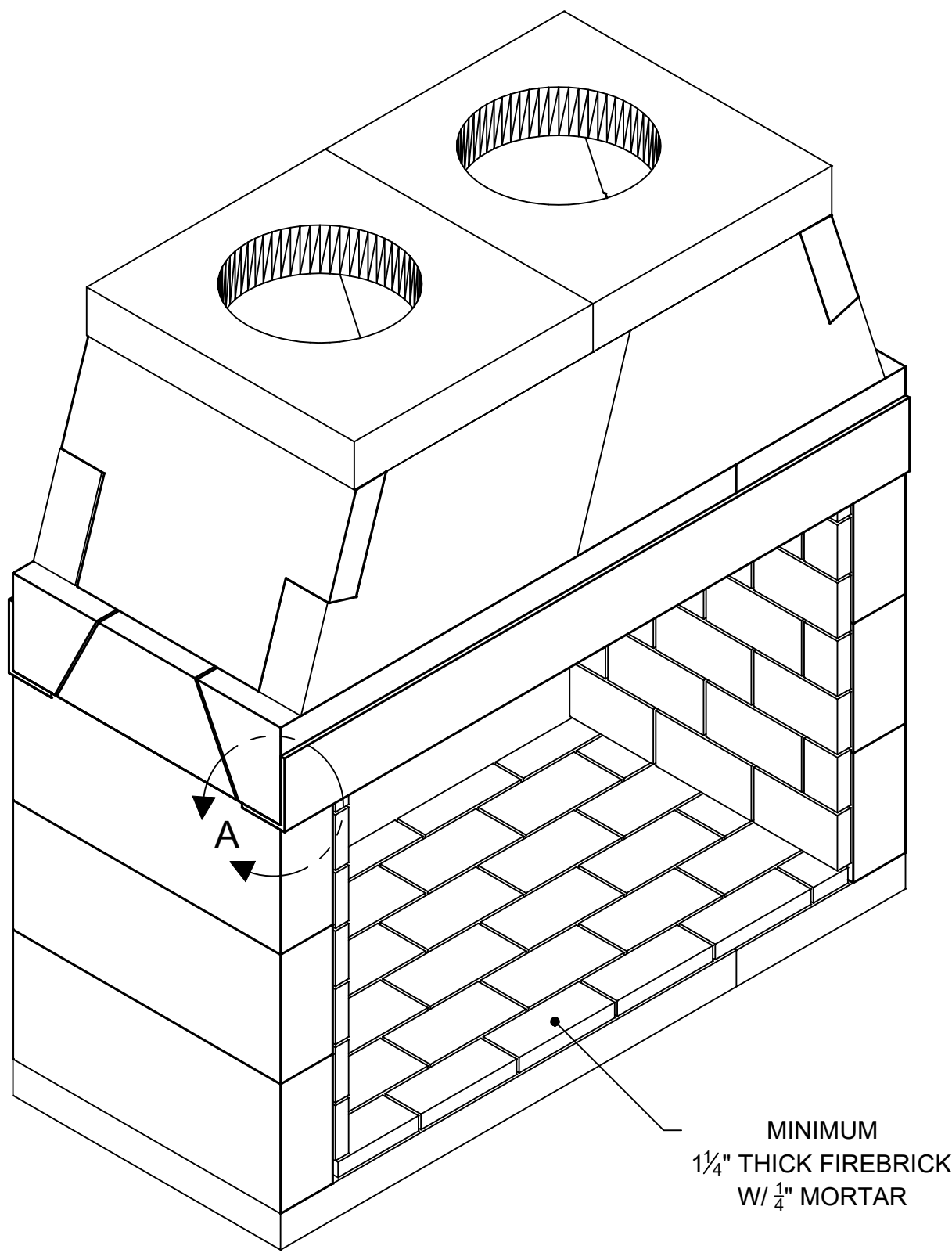


FIREPLACE ORDER # :
80S46ST

GENERAL NOTES

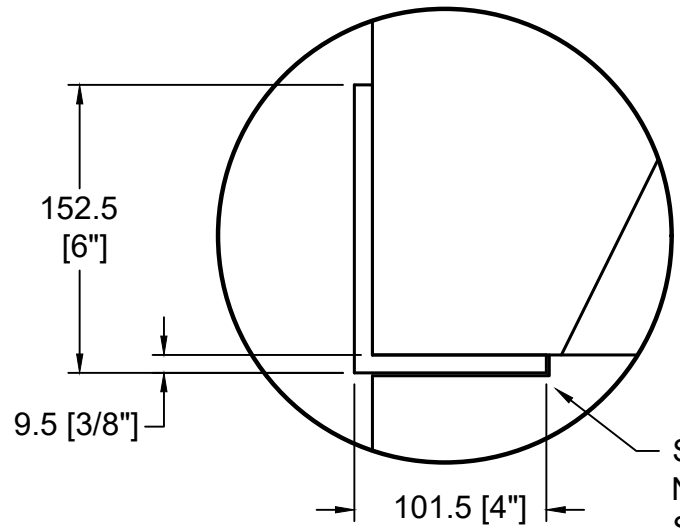
- THIS IS A CUSTOM ISOKERN FIREPLACE AND CARRIES NO LISTING, UL OR OTHERWISE.
- FIREPLACE SHALL BE INSTALLED WITH THE MINIMUM CLEARANCES TO COMBUSTIBLES AS LISTED BELOW. NOTE: HEARTH EXTENSION REQUIREMENTS AND ALL CLEARANCES AS MEASURED FROM OPENINGS SHALL APPLY TO ALL OPEN SIDES OF THE FIREPLACE :
 - 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.
- 4"x6"x $\frac{3}{8}$ " STEEL ANGLE, 58-7/8" 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 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 COMPLAINE FOR UNVENTED (VENT FREE) GAS LOG SETS.
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- DRAWINGS ARE FOR DESIGN PURPOSES ONLY AND ARE THE SOLE PROPERTY OF EARTHCORE INDUSTRIES. ANY REPRODUCTION OR UNAUTHORIZED USE IS STRICTLY PROHIBITED.
- 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)



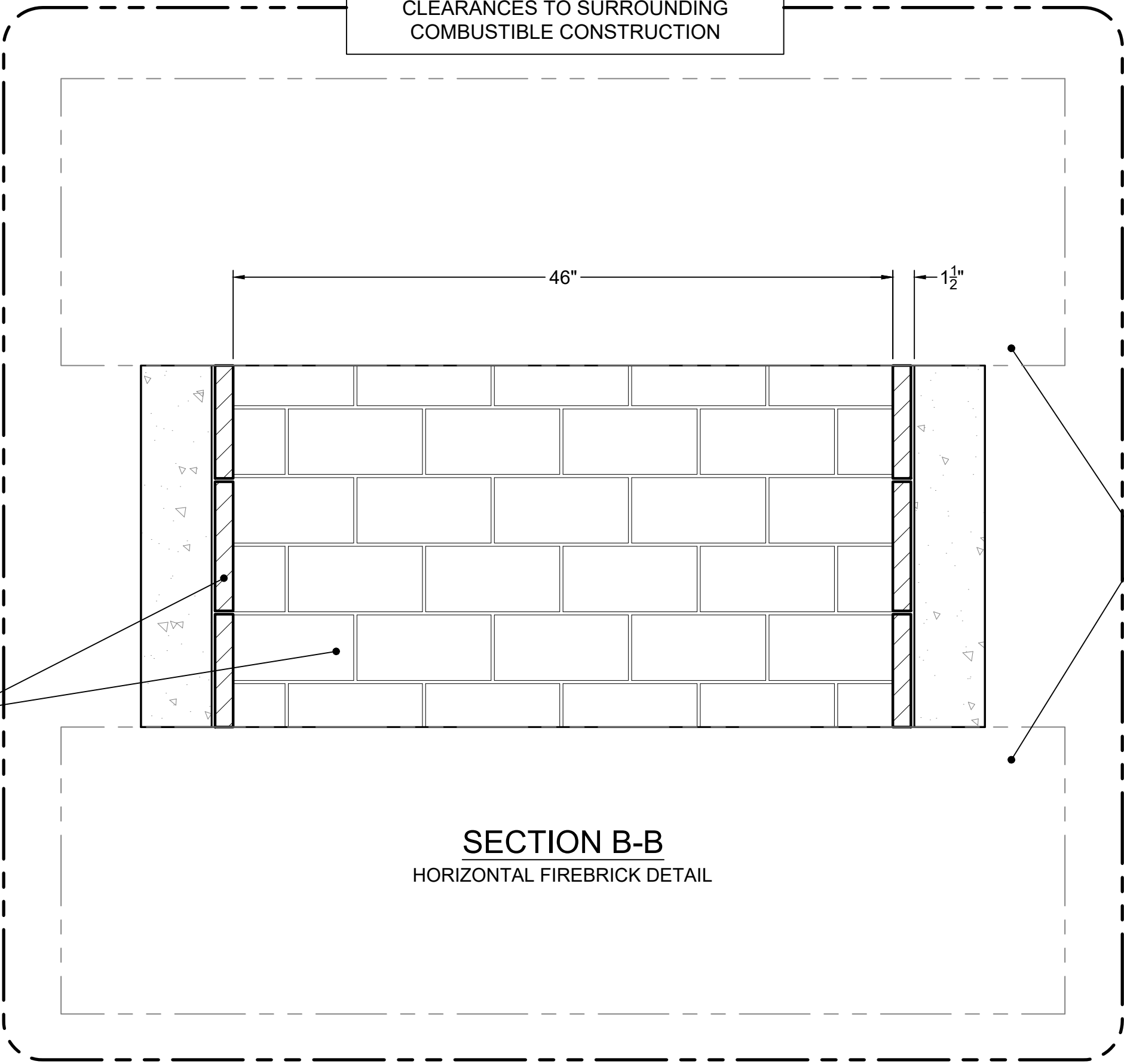
TOP VIEW

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



DETAIL A
DAMPER SUPPORT ANGLE

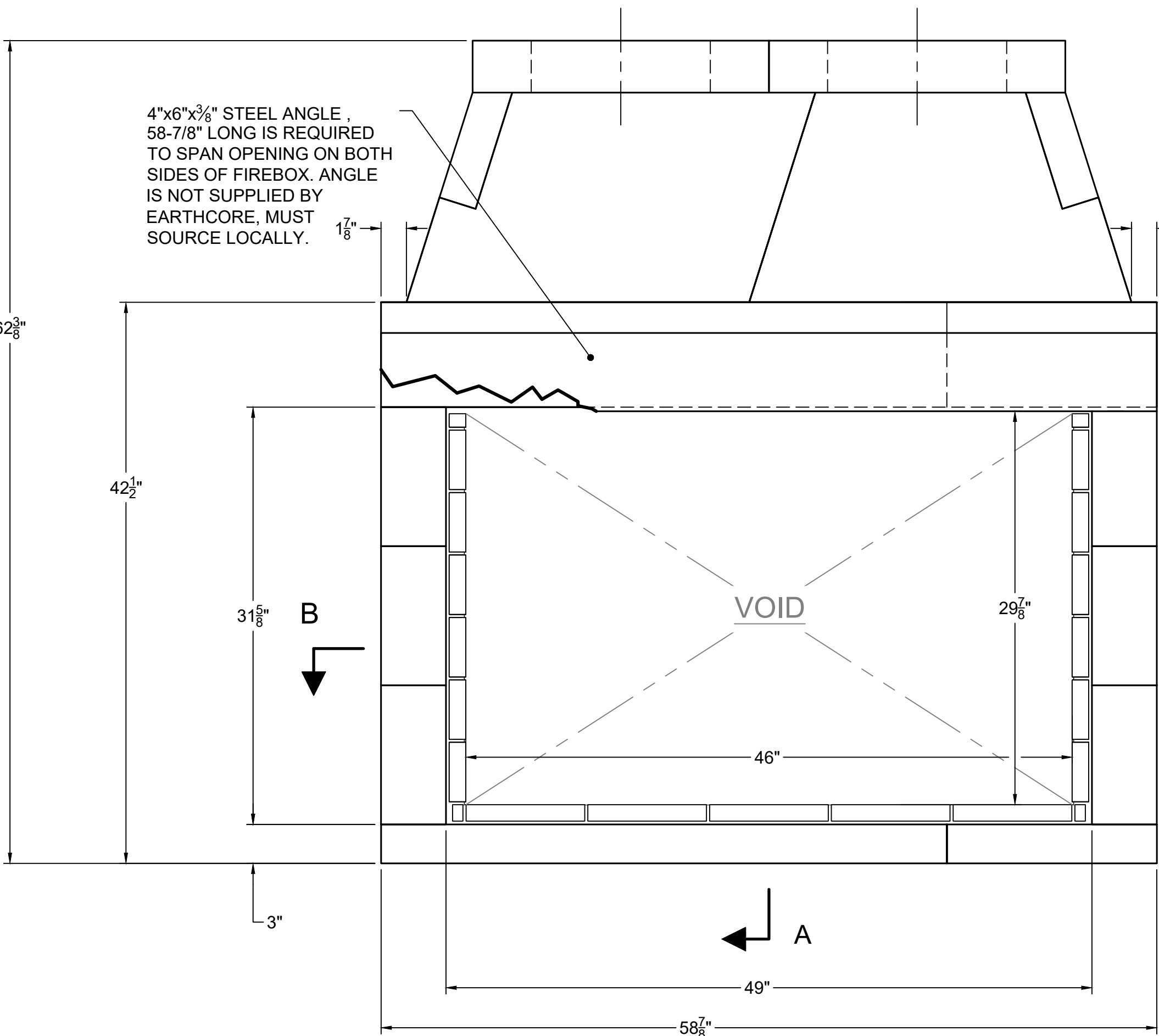
SEE DETAIL-B ON NEXT SHEET FOR
CLEARANCES TO SURROUNDING
COMBUSTIBLE CONSTRUCTION



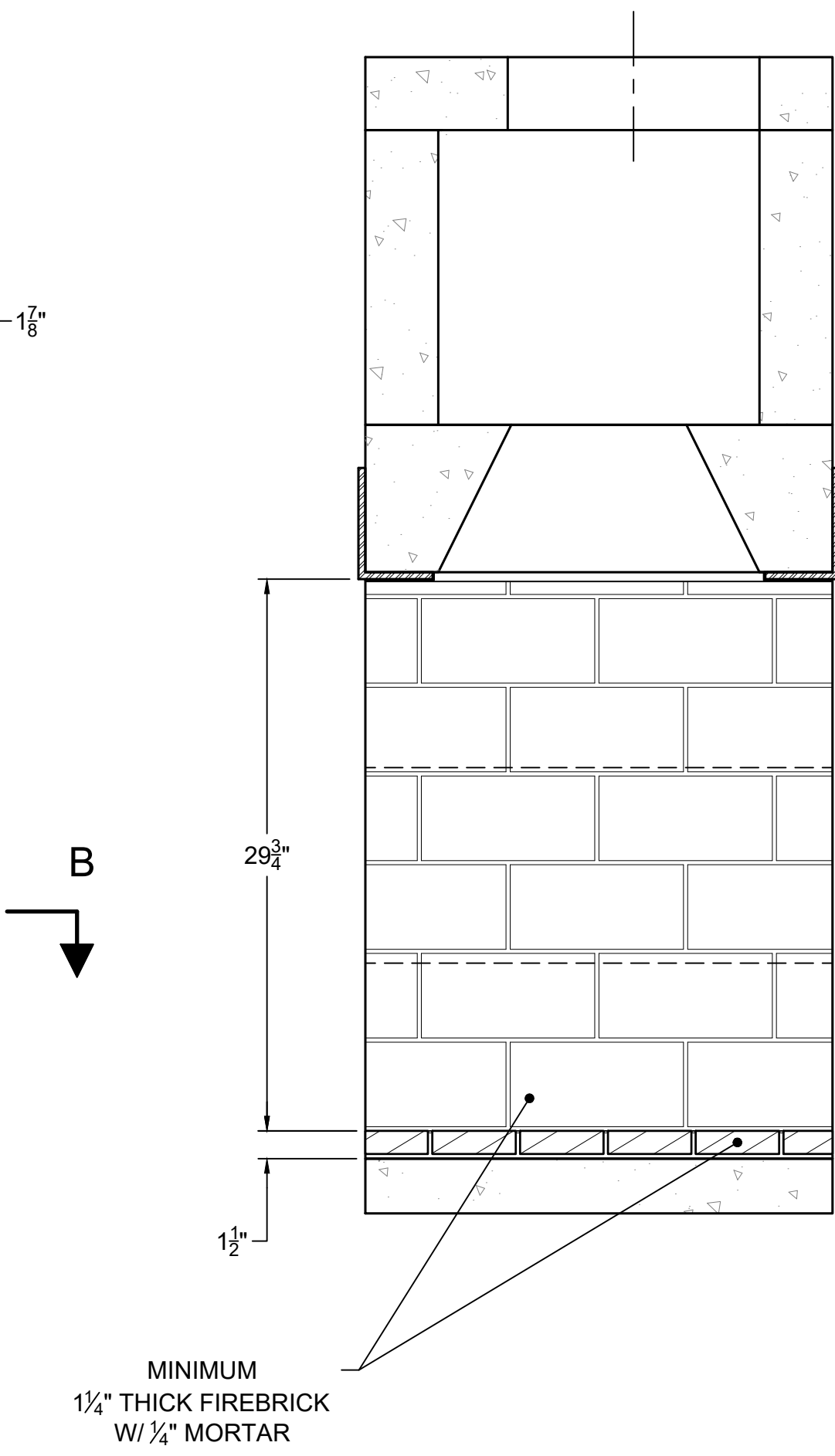
SECTION B-B
HORIZONTAL FIREBRICK DETAIL

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

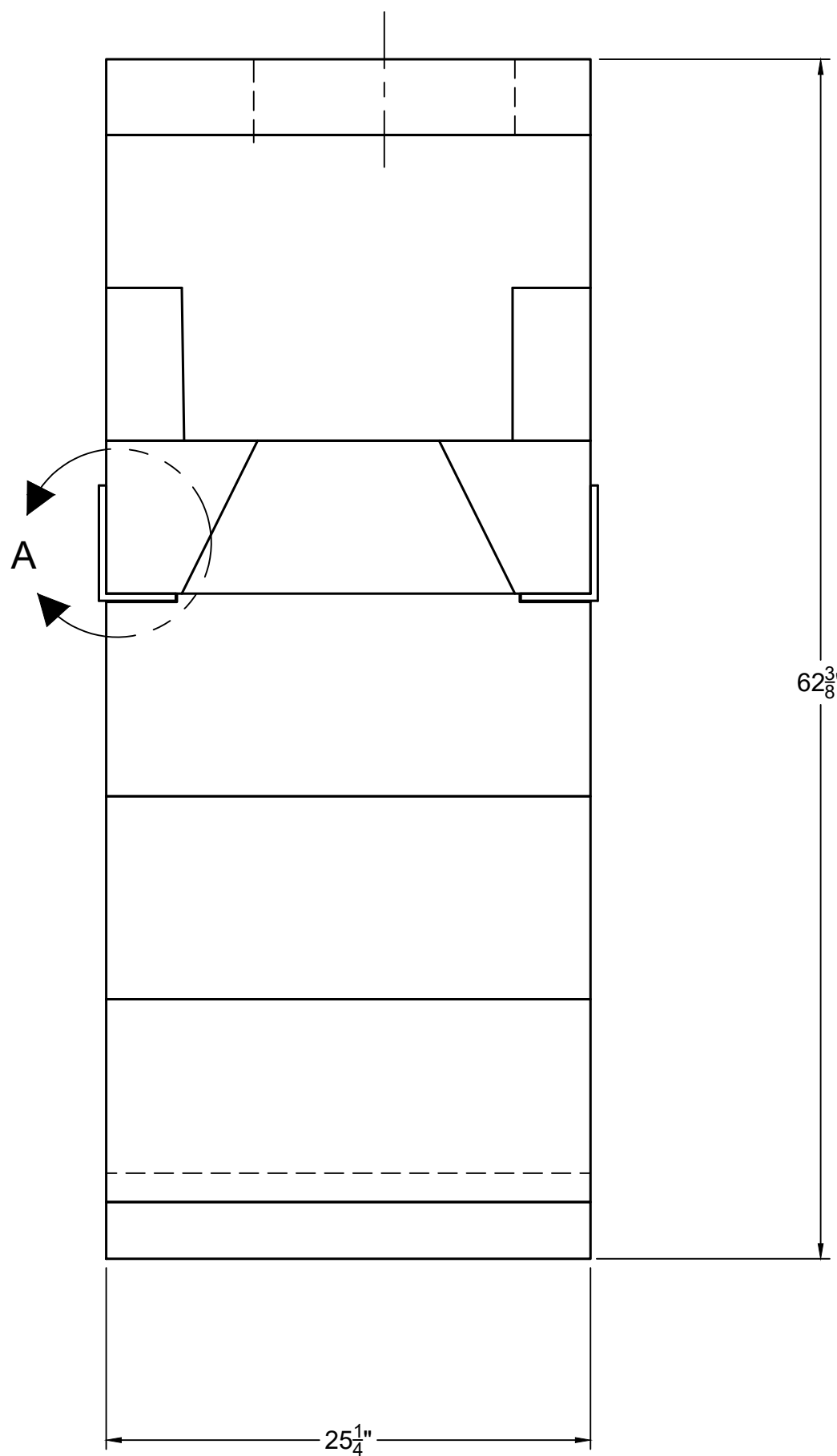
HEARTH EXTENSION
SHALL EXTEND A MINIMUM
OF 20" TO THE FRONT AND
12" TO THE SIDES OF
FIREBOX'S FINISHED
OPENING.



FRONT VIEW



SECTION A-A
VERTICAL FIREBRICK DETAIL



RIGHT-SIDE VIEW



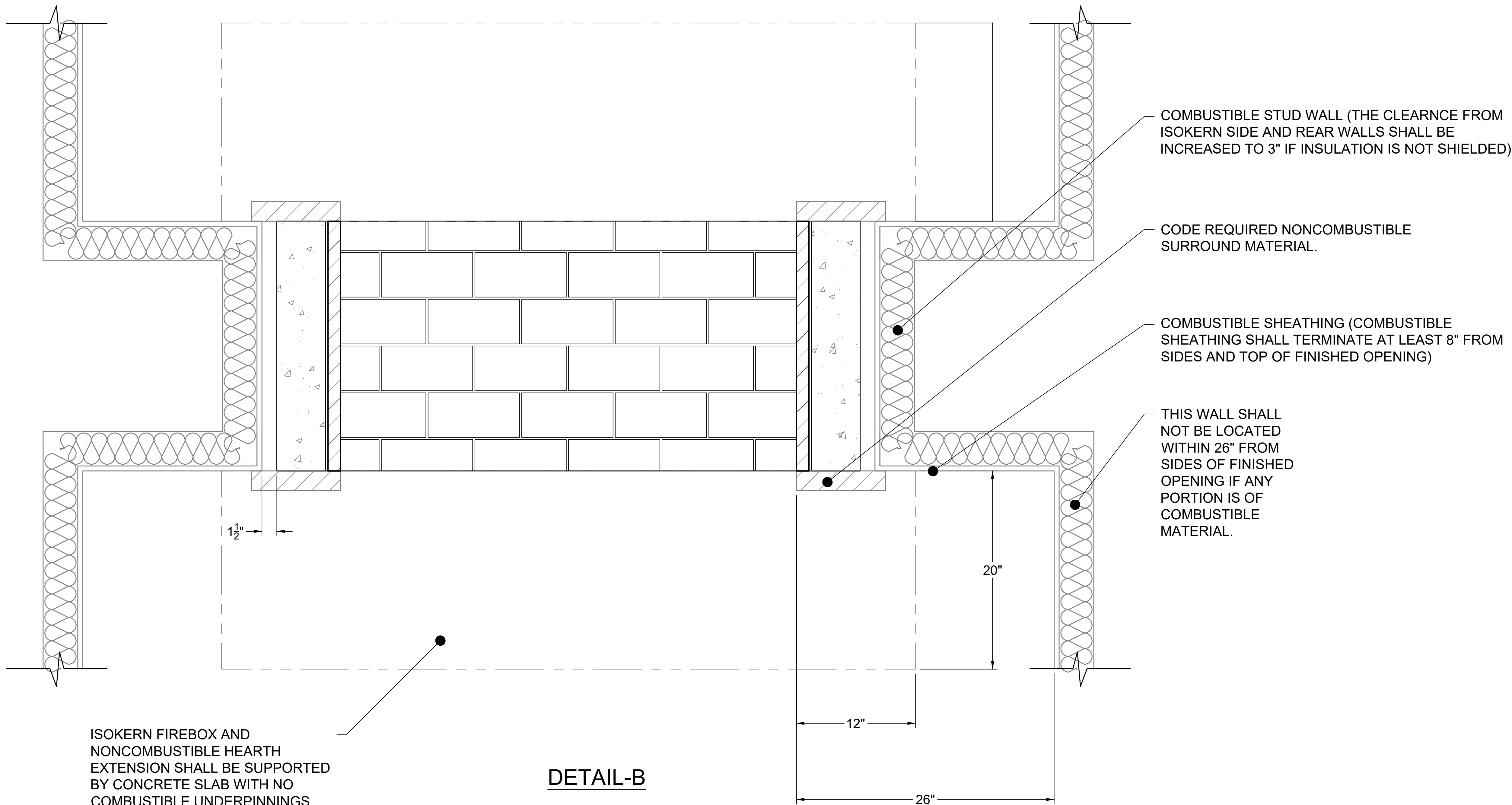
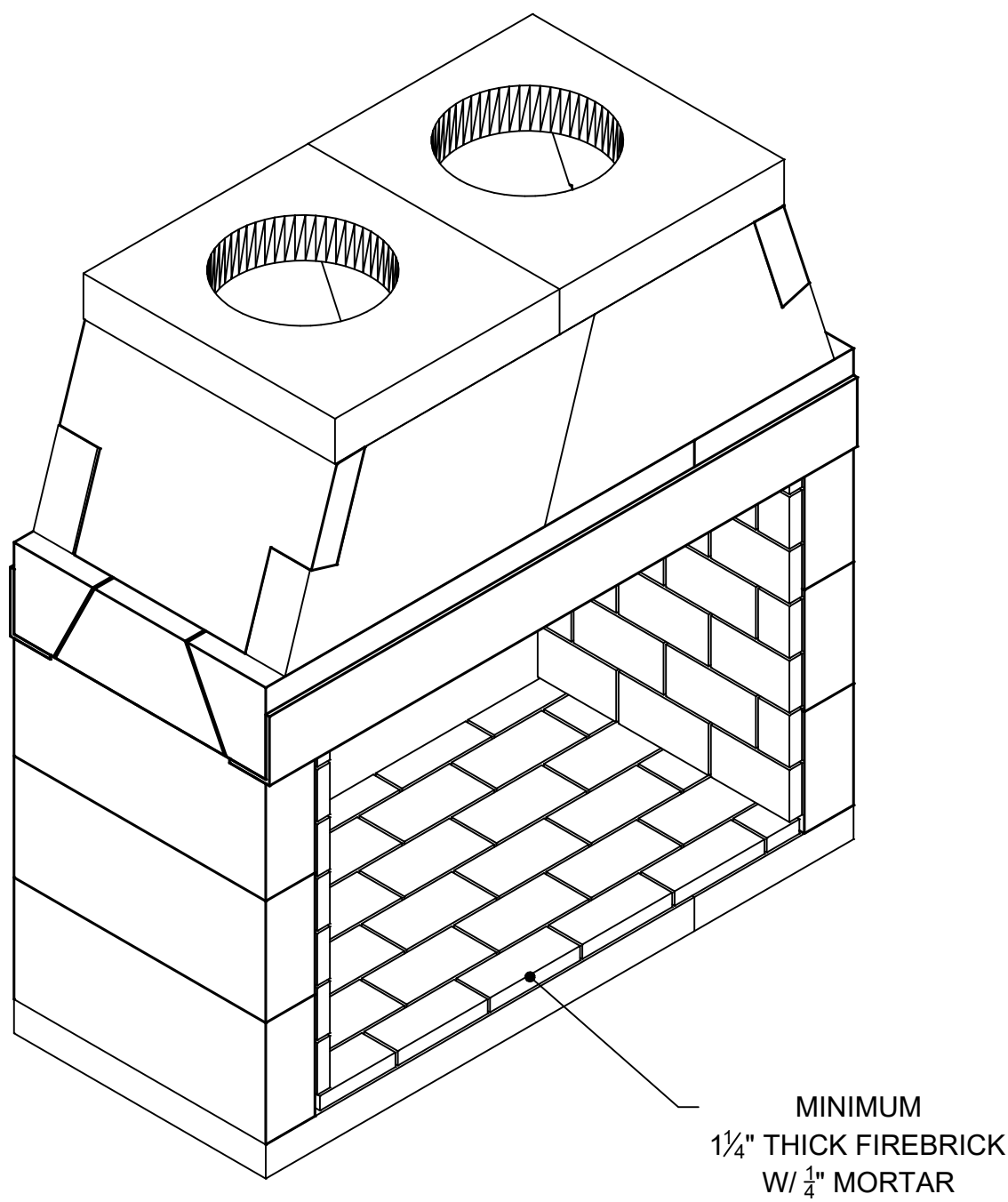
UNLESS OTHERWISE STATED, ALL DIMENSIONS ARE IN MILLIMETERS		PROJECT: 46"-SEE THRU (80s46ST)	
THIRD ANGLE PROJECTION		DESCRIPTION: FIREPLACE CONSTRUCTION DOCUMENT	
MATERIAL: E.C. PUMICE MIXTURE		DATE: 11/20/2023	
DRAWN: K.B.H.		SIZE: D	
APPROVED:		SCALE: 1-1/2"=1'-0"	
SHEET # 1		DRAWING #: 80s46ST	
DO NOT SCALE		REV: F	

FIREPLACE ORDER # : 80S46ST

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ISOMETRIC VIEW (N.T.S)



earthcore
INDUSTRIES, L.L.C.

6899 Phillips Industrial Blvd.
Jacksonville, FL 32256

UNLESS OTHERWISE STATED, ALL
DIMENSIONS ARE IN MILLIMETERS

THIRD ANGLE
PROJECTION

UNSPECIFIED
TOLERANCES

ANG. X ±

LIN. X ±

X ±

XX ±

PROJECT:

46" SEE-THRU

DESCRIPTION:
CLEARANCES TO COMBUSTIBLE CONSTRUCTION

MATERIAL:
E.C. PUMICE MIXTURE

DRAWN:
K.B.H

DATE:
11/20/2023

APPROVED:

SIZE:
D

SCALE:
N.T.S.

DRAWING #:

80s46ST

REV:

F

DO NOT SCALE SHEET # 2 OF 2