

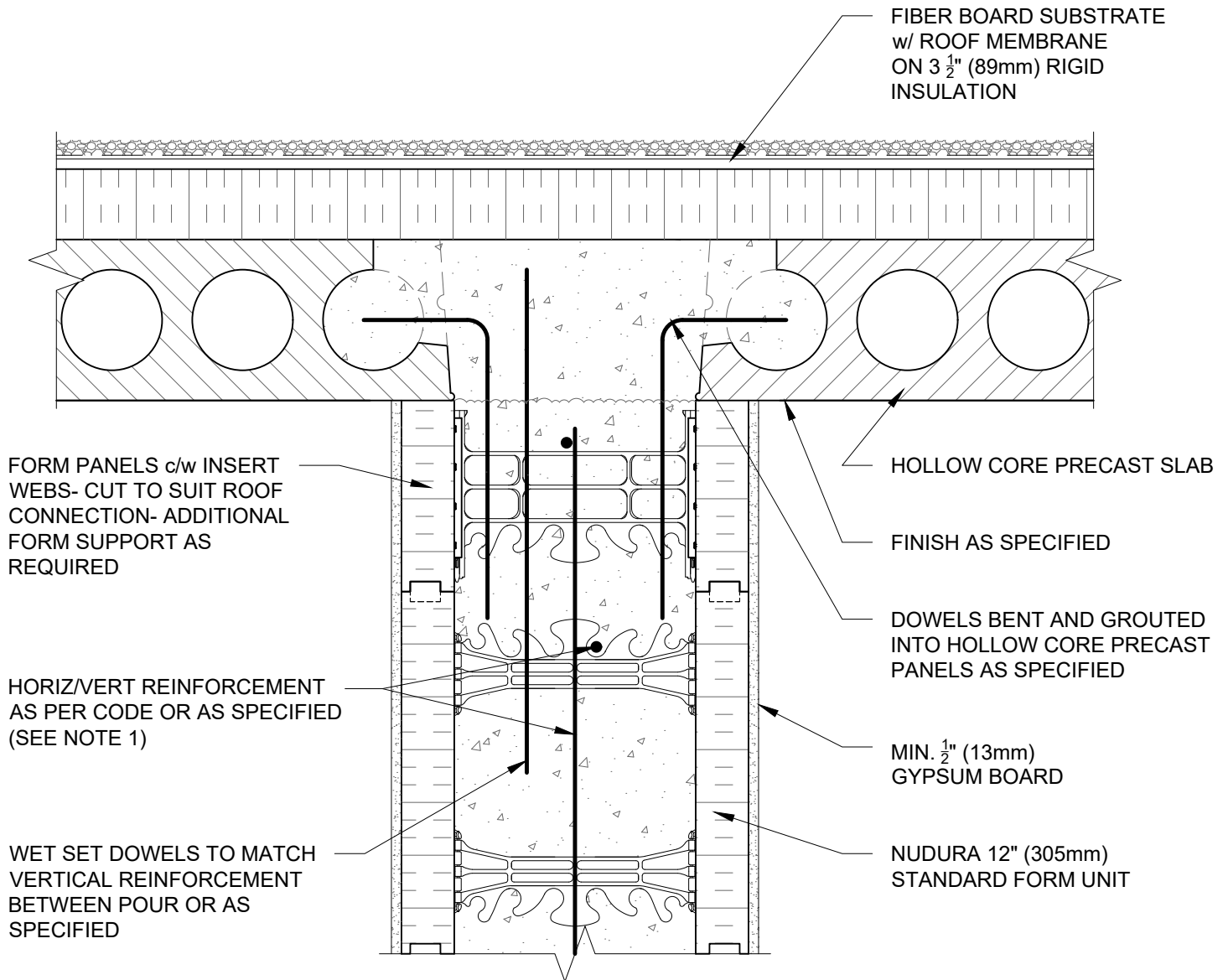


NOTES:
 1) FOR OPTIMAL REINFORCEMENT PLACEMENT IN THE NUDURA FORM, SPACING OF HORIZONTAL REINFORCEMENT TO BE SPECIFIED AT 18" (457mm) O.C. AND VERTICAL REINFORCEMENT TO BE SPECIFIED AT MULTIPLES OF 8" (203mm) O.C. REFER TO NUDURA REINFORCEMENT PLACEMENT DETAILS.

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Non-Combustible Construction - Demising Wall Roof Connections

 Nudura Technical Support: 866-468-6299 International: +1 705-726-9499	Detail: Nudura 12" (305mm) Form Unit, Hollow Core Precast Roof, Bearing Demising Wall			File Name: G12A03	 Construction Products Group
	Drawn by: KS	Checked by: KS	Scale: 1:8		
	Revision #: 01	Revised by: KAB	Date: 3/13/2024		
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NOTES:

1) FOR OPTIMAL REINFORCEMENT PLACEMENT IN THE NUDURA FORM, SPACING OF HORIZONTAL REINFORCEMENT TO BE SPECIFIED AT 18" (457mm) O.C. AND VERTICAL REINFORCEMENT TO BE SPECIFIED AT MULTIPLES OF 8" (203mm) O.C. REFER TO NUDURA REINFORCEMENT PLACEMENT DETAILS.

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Non-Combustible Construction - Demising Wall Roof Connections

Detail: Nudura 12" (305mm) Form Unit, Hollow Core Precast Roof,
Non-Bearing Demising Wall

File Name:

Drawn by: KS

Checked by: KS

Scale: 1:8

G12A04

Revision #: 01

Revised by: KAB

Date: 3/13/2024

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Nudura Technical Support: 866-468-6299
International: +1 705-726-9499



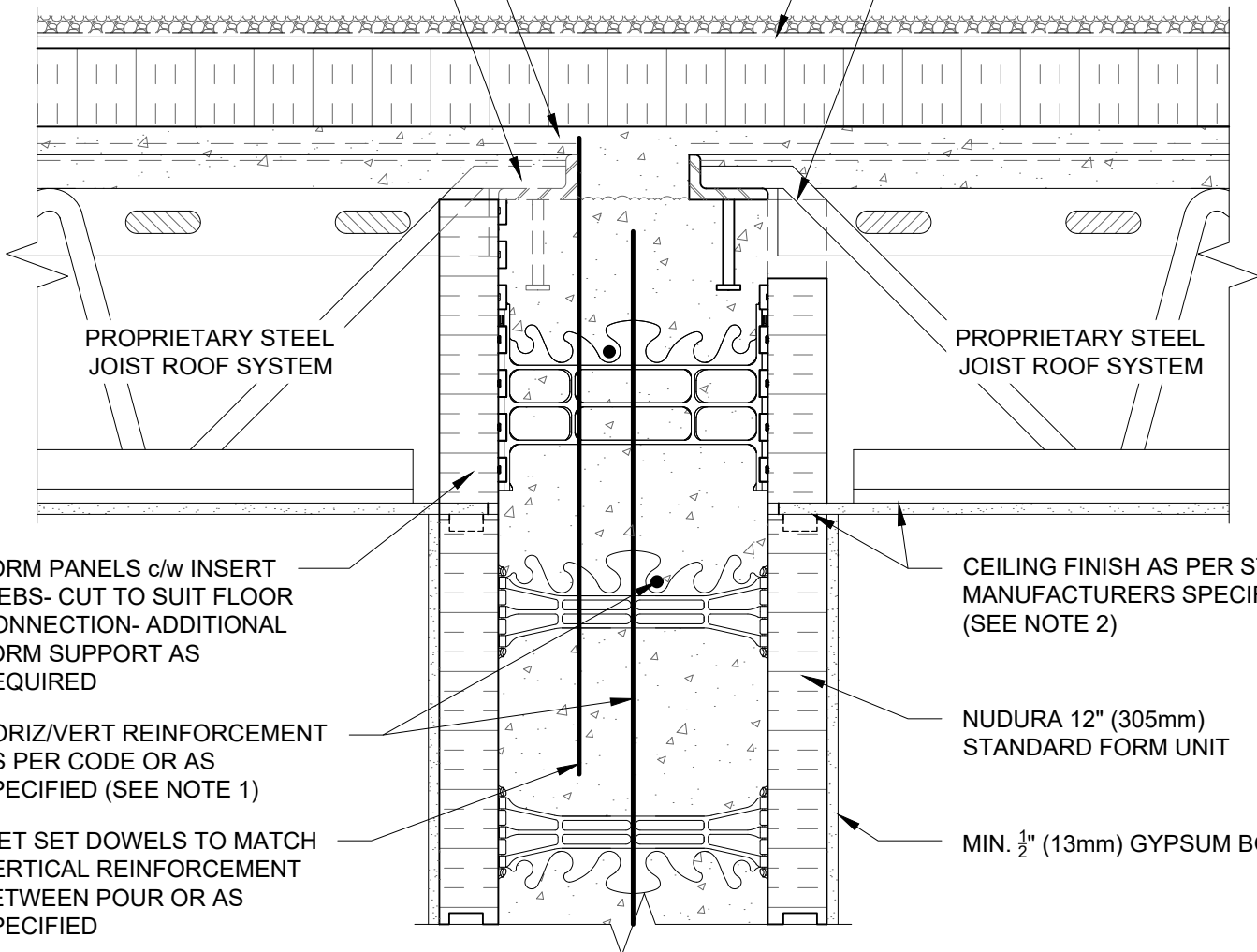
Construction Products Group

ALLOW FLOOR SLAB TO
REST ON TO BEARING
WALL CONCRETE

PROPRIETARY STEEL JOIST AND
CONNECTION SHOWN BEYOND
TO ALLOW FOR STAGGERING OF
THE JOISTS

FIBER BOARD SUBSTRATE
w/ ROOF MEMBRANE
ON 3 1/2" (89mm) RIGID
INSULATION

EPS FOAM REMOVED AT
JOIST LOCATIONS ONLY TO
ALLOW JOIST PLACEMENT



FORM PANELS c/w INSERT
WEBS- CUT TO SUIT FLOOR
CONNECTION- ADDITIONAL
FORM SUPPORT AS
REQUIRED

HORIZ/VERT REINFORCEMENT
AS PER CODE OR AS
SPECIFIED (SEE NOTE 1)

WET SET DOWELS TO MATCH
VERTICAL REINFORCEMENT
BETWEEN POUR OR AS
SPECIFIED

CEILING FINISH AS PER STEEL JOIST
MANUFACTURERS SPECIFICATION
(SEE NOTE 2)

NUDURA 12" (305mm)
STANDARD FORM UNIT

MIN. 1/2" (13mm) GYPSUM BOARD

NOTES:

1) FOR OPTIMAL REINFORCEMENT PLACEMENT IN THE NUDURA FORM,
SPACING OF HORIZONTAL REINFORCEMENT TO BE SPECIFIED AT 18"
(457mm) O.C. AND VERTICAL REINFORCEMENT TO BE SPECIFIED AT
MULTIPLES OF 8" (203mm) O.C. REFER TO NUDURA REINFORCEMENT
PLACEMENT DETAILS.

2) WHERE GYPSUM BOARD IS REQUIRED TO COMPLETE FIRE RATED
ASSEMBLY, EPS FOAM KERF CUT TO ENABLE CEILING FINISH TO
PROVIDE THERMAL BARRIER CONTACT TO CONCRETE.

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Non-Combustible Construction - Demising Wall Roof Connections



Nudura Technical Support: 866-468-6299
International: +1 705-726-9499

Detail: Nudura 12" (305mm) Form Unit, Steel Joist Roof System,
Bearing Demising Wall

Drawn by: KS

Checked by: KS

Scale: 1:8

Revision #: 01

Revised by: KAB

Date: 3/13/2024

File Name:

G12B03



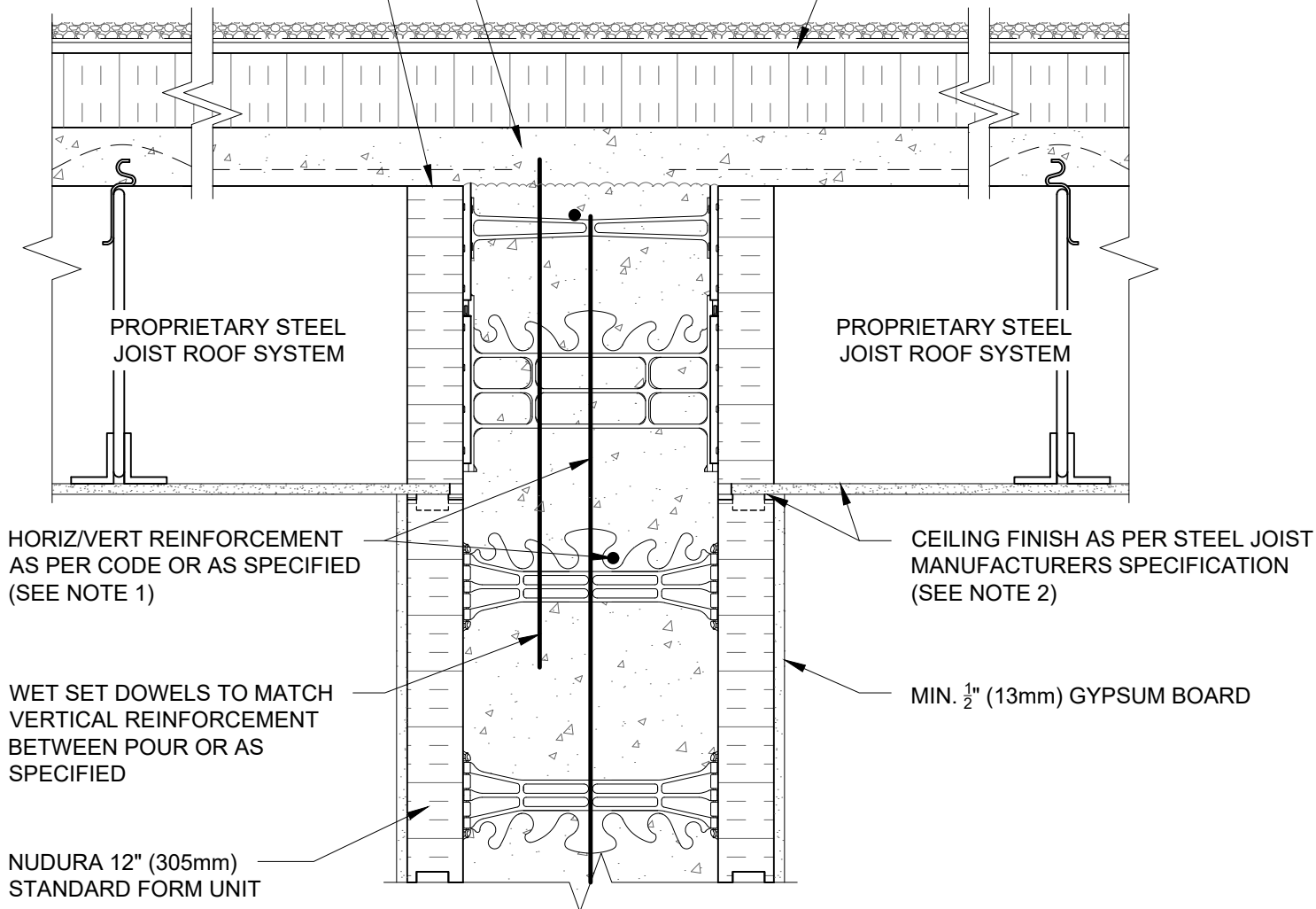
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ALLOW ROOF SLAB TO
REST ON TO BEARING
WALL CONCRETE

FORM PANELS c/w INSERT
WEBS- CUT TO SUIT ROOF
CONNECTION- ADDITIONAL
FORM SUPPORT AS
REQUIRED

FIBER BOARD SUBSTRATE
w/ ROOF MEMBRANE
ON 3 1/2" (89mm) RIGID
INSULATION



NOTES:

1) FOR OPTIMAL REINFORCEMENT PLACEMENT IN THE NUDURA FORM, SPACING OF HORIZONTAL REINFORCEMENT TO BE SPECIFIED AT 18" (457mm) O.C. AND VERTICAL REINFORCEMENT TO BE SPECIFIED AT MULTIPLES OF 8" (203mm) O.C. REFER TO NUDURA REINFORCEMENT PLACEMENT DETAILS.

2) WHERE GYPSUM BOARD IS REQUIRED TO COMPLETE FIRE RATED ASSEMBLY, EPS FOAM KERF CUT TO ENABLE CEILING FINISH TO PROVIDE THERMAL BARRIER CONTACT TO CONCRETE.

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Non-Combustible Construction - Demising Wall Roof Connections



Nudura Technical Support: 866-468-6299
International: +1 705-726-9499

Detail: Nudura 12" (305mm) Form Unit, Steel Joist Roof System,
Non-Bearing Demising Wall

Drawn by: KS

Checked by: KS

Scale: 1:8

Revision #: 01

Revised by: KAB

Date: 3/13/2024

File Name:

G12B04



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HEIGHT OF PARAPET TO BE DETERMINED BY ENGINEERING DESIGN

MIN. $\frac{5}{8}$ " (16mm) CEMENT BOARD PANELS TO BE INSTALLED PREPOUR AS FORM PANEL FOR CONCRETE CAP AT TOP OF WALL INSTALLED ON SLOPE TO MATCH ROOF PITCH

CONTINUOUS STEEL ANGLE AS SPECIFIED

GYPSUM BOARD FINISHED/FIRE STOP INSTALLED AT JOISTS AS PER CODE

U BRACKET ANCHOR INSERT

WET SET DOWELS TO MATCH VERTICAL REINFORCEMENT BETWEEN POUR OR AS SPECIFIED

HORIZ/VERT REINFORCEMENT AS PER CODE OR AS SPECIFIED (SEE NOTE 1)

CAP FLASHING CLIPPED TO COUNTER FLASHING

EXOAIR 110AT OR FUNCTIONAL EQUIVALENT 3" (76 mm) MIN. ON CONCRETE CAP (BOTH SIDES)

ADDITIONAL FORM SUPPORT AT CEMENT BOARD PANELS AS REQUIRED

MINIMUM 6" (152mm) THICK CONTINUOUS CONCRETE CAP AT TOP OF WALL POURED INTEGRAL WITH FIREWALL OR AS PER LOCAL CODE

EPS CANT STRIP

FIBER BOARD SUBSTRATE w/ ROOF MEMBRANE ON 3 $\frac{1}{2}$ " (89mm) RIGID INSULATION

COMPOSITE STEEL ROOF DECK

OWSJ

INTERIOR INSULATION REMOVED AT JOIST LOCATIONS

MIN. $\frac{1}{2}$ " (13mm) GYPSUM BOARD

NUDURA 12" (305mm) STANDARD FORM UNIT

NOTES:

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Non-Combustible Construction - Demising Wall Roof Connections



Nudura Technical Support: 866-468-6299
International: +1 705-726-9499

Detail: Nudura 12" (305mm) Form Unit, Steel Joist Roof, Bearing Demising Wall

Drawn by: KS

Checked by: KS

Scale: 1:8

Revision #: 01

Revised by: KAB

Date: 3/13/2024

File Name:

G12C03



Construction Products Group

www.tremcocpg.com

HEIGHT OF PARAPET TO BE
DETERMINED BY ENGINEERING
DESIGN

MIN. $\frac{5}{8}$ " (16mm) CEMENT BOARD
PANELS TO BE INSTALLED PREPOUR
AS FORM PANEL FOR CONCRETE
CAP AT TOP OF WALL INSTALLED ON
SLOPE TO MATCH ROOF PITCH

COMPOSITE STEEL DECK

COMPOSITE STEEL DECK WELDED TO
SUPPORT ANCHORS AS SPECIFIED

HORIZ/VERT REINFORCEMENT
AS PER CODE OR AS SPECIFIED
(SEE NOTE 1)

WET SET DOWELS TO MATCH
VERTICAL REINFORCEMENT
BETWEEN POUR OR AS
SPECIFIED

PROVIDE 4"x4" (100mmx100mm)
FORM CUT OUT AT BRIDGING
LOCATIONS

NUDURA 12" (305mm)
STANDARD FORM UNIT

CAP FLASHING CLIPPED TO
COUNTER FLASHING

EXOAIR 110AT OR FUNCTIONAL
EQUIVALENT 3" (76 mm) MIN. ON
CONCRETE CAP (BOTH SIDES)

ADDITIONAL FORM SUPPORT
AT CEMENT BOARD PANELS
AS REQUIRED

MIN. 6" (152mm) THICK
CONTINUOUS CONCRETE CAP AT
TOP OF WALL POURED INTEGRAL
WITH FIREWALL OR AS PER
LOCAL CODE

EPS CANT STRIP

FIBER BOARD SUBSTRATE
w/ ROOF MEMBRANE
ON 3 $\frac{1}{2}$ " (89mm) RIGID
INSULATION

INTERIOR INSULATION TO BE
DISCONTINUOUS AT FLOOR LINES

OWSJ

MIN. $\frac{1}{32}$ " (0.8mm) x 2 $\frac{1}{2}$ " (63.5mm)
GALVANIZED STEEL CHANNEL
CAP TO PROVIDE THERMAL
BARRIER PROTECTION

CLIP ANGLE ANCHORED TO WALL
AT JOIST BRIDGING LOCATIONS

MIN. $\frac{1}{2}$ " (13mm) GYPSUM BOARD

NOTES:

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SPACING OF HORIZONTAL REINFORCEMENT TO BE SPECIFIED AT 18"
(457mm) O.C. AND VERTICAL REINFORCEMENT TO BE SPECIFIED AT
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Non-Combustible Construction - Demising Wall Roof Connections



Nudura Technical Support: 866-468-6299
International: +1 705-726-9499

Detail: Nudura 12" (305mm) Form Unit, Steel Joist Roof, Non-Bearing Demising Wall

Drawn by: KS

Checked by: KS

Scale: 1:8

Revision #: 01

Revised by: KAB

Date: 3/13/2024

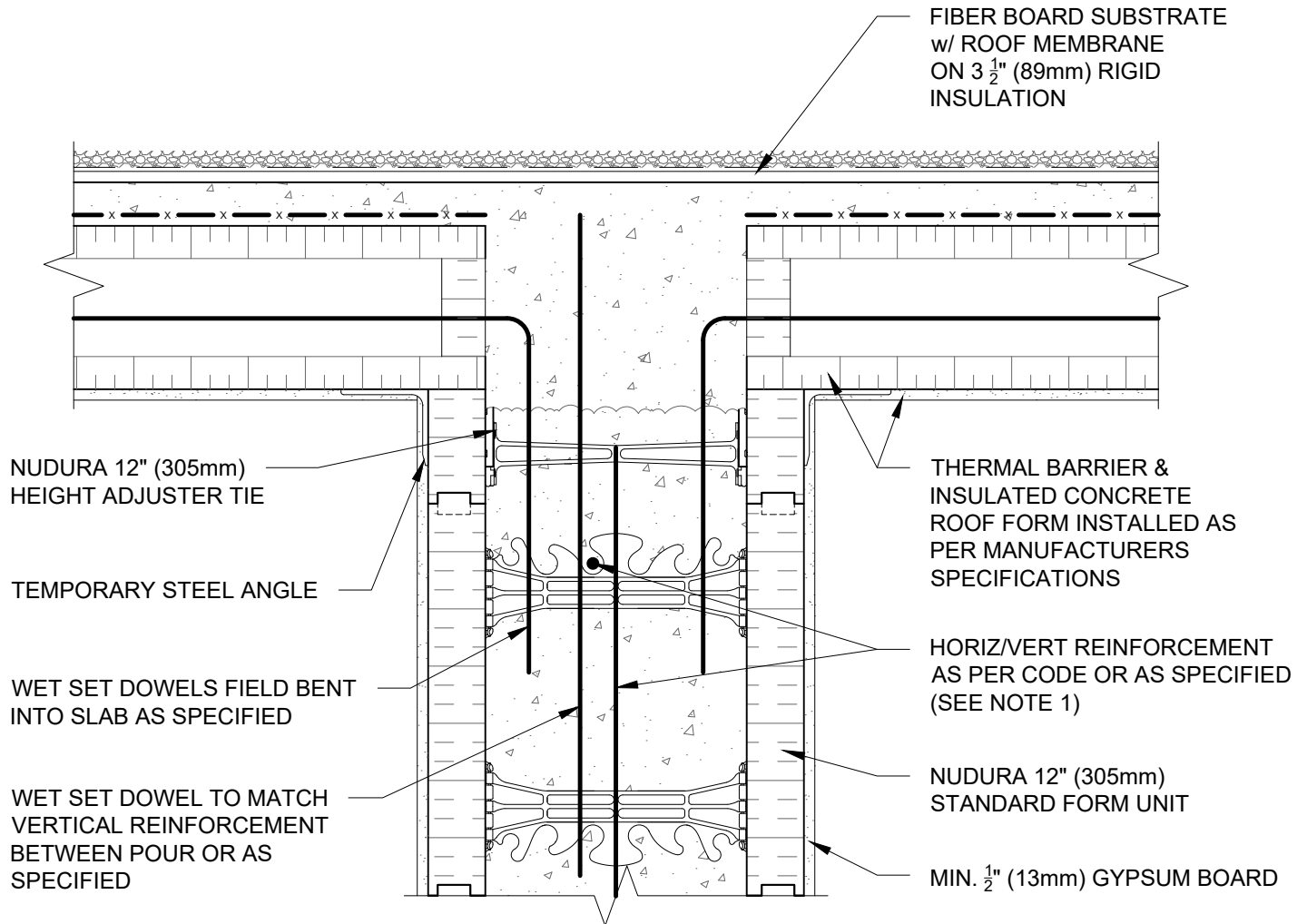
File Name:

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Non-Combustible Construction - Demising Wall Roof Connections

Detail: Nudura 12" (305mm) Form Unit, ICRS Connection, ICRS Resting on Form, Bearing Demising Wall

Drawn by: KS

Checked by: KS

Scale: 1:8

Revision #: 01

Revised by: KAB

Date: 3/13/2024

File Name:

G12D03

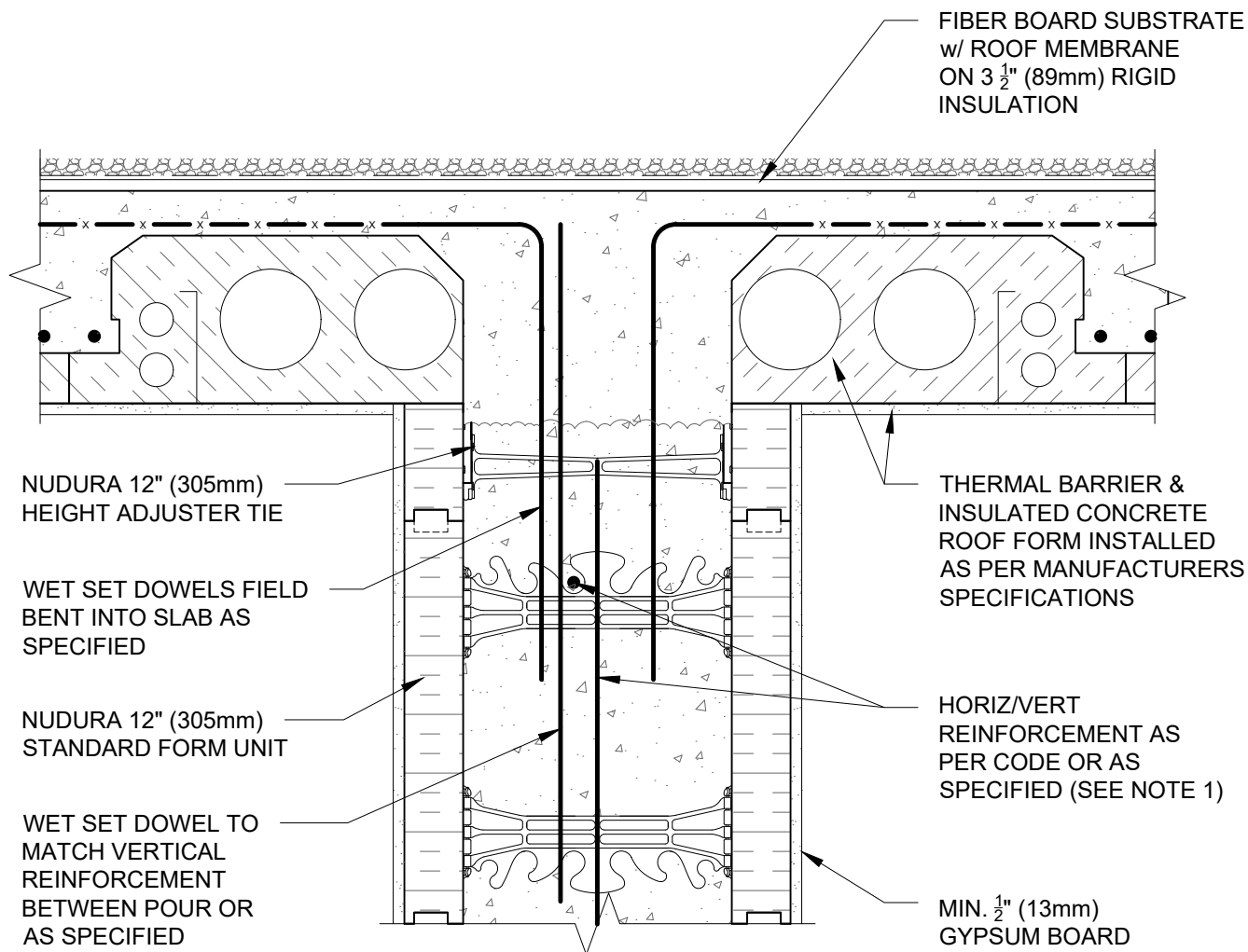


Nudura Technical Support: 866-468-6299
International: +1 705-726-9499

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Non-Combustible Construction - Demising Wall Roof Connections



Nudura Technical Support: 866-468-6299
International: +1 705-726-9499

Detail: Nudura 12" (305mm) Form Unit, ICRS Connection, ICRS Resting on Form, Non-Bearing Demising Wall

Drawn by: KS

Checked by: KS

Scale: 1:8

Revision #: 01

Revised by: KAB

Date: 3/13/2024

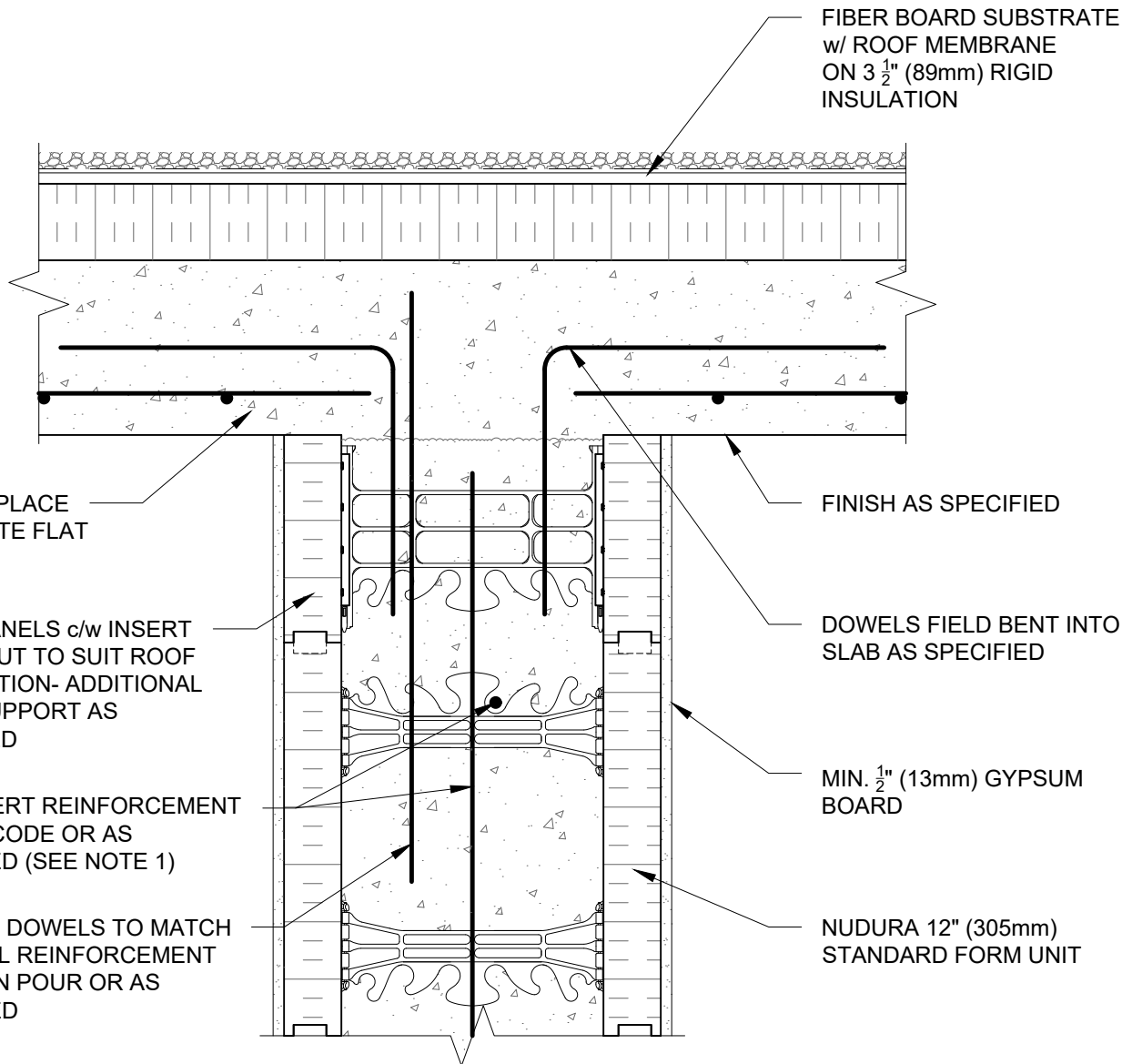
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Non-Combustible Construction - Demising Wall Roof Connections



Nudura Technical Support: 866-468-6299
International: +1 705-726-9499

Detail: Nudura 12" (305mm) Form Unit, Concrete Flat Plate, Bearing Demising Roof

Drawn by: KS

Checked by: KS

Scale: 1:8

Revision #: 01

Revised by: KAB

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File Name:

G12E02



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