

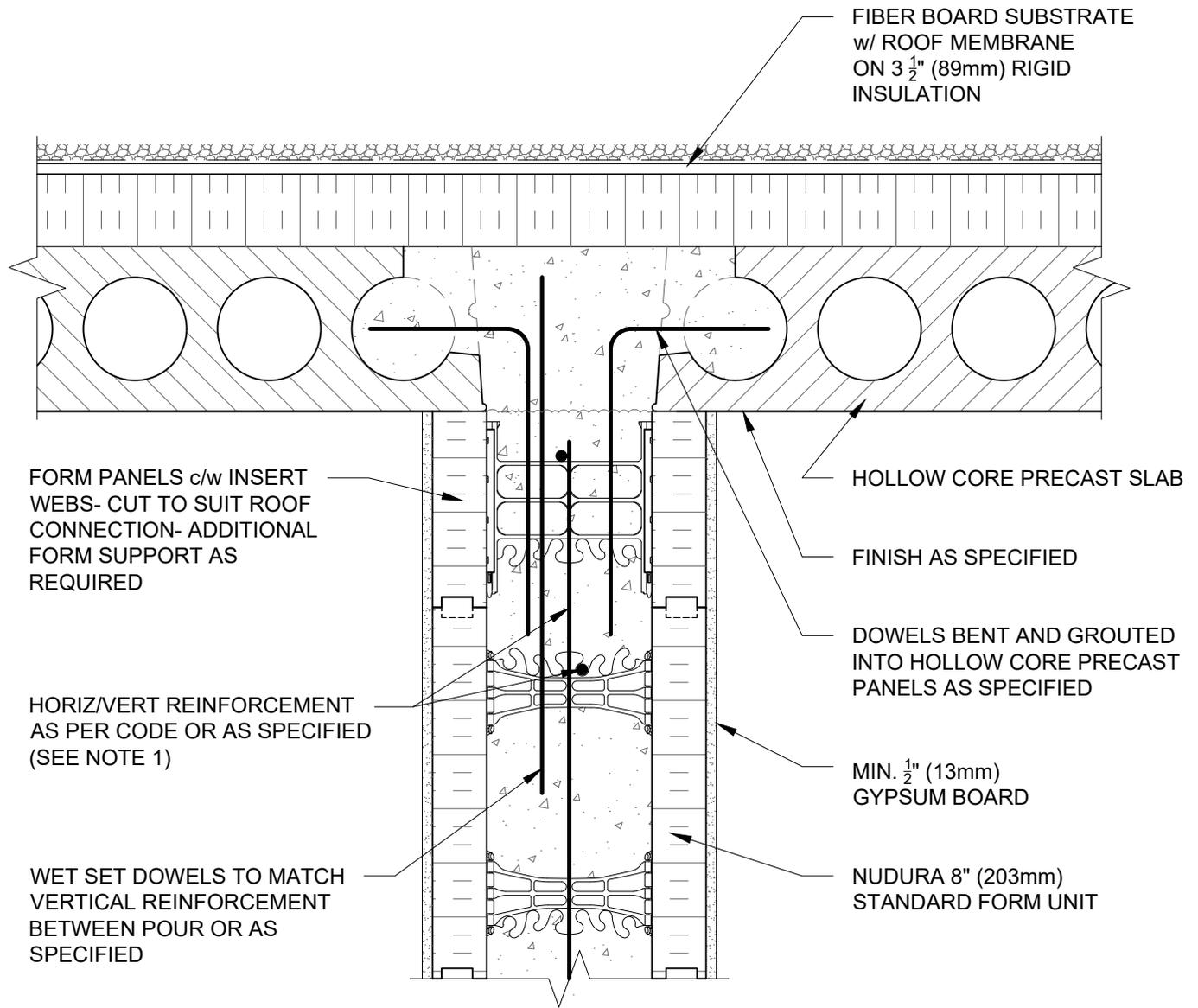
NOTES:  
1) FOR OPTIMAL REINFORCEMENT PLACEMENT IN THE NUDURA FORM,  
SPACING OF HORIZONTAL REINFORCEMENT TO BE SPECIFIED AT 18"  
(457mm) O.C. AND VERTICAL REINFORCEMENT TO BE SPECIFIED AT  
MULTIPLES OF 8" (203mm) O.C. REFER TO NUDURA REINFORCEMENT  
PLACEMENT DETAILS.

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**Non-Combustible Construction - Demising Wall Roof Connections**

Detail: Nudura 8" (203mm) Form Unit, Hollow Core Precast Roof, Bearing Demising Wall			File Name:
Drawn by: KS	Checked by: KS	Scale: 1:8	G8A03
Revision #: 01	Revised by: KAB	Date: 3/13/2024	





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 8" (203mm) Form Unit, Hollow Core Precast 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:

G8A04

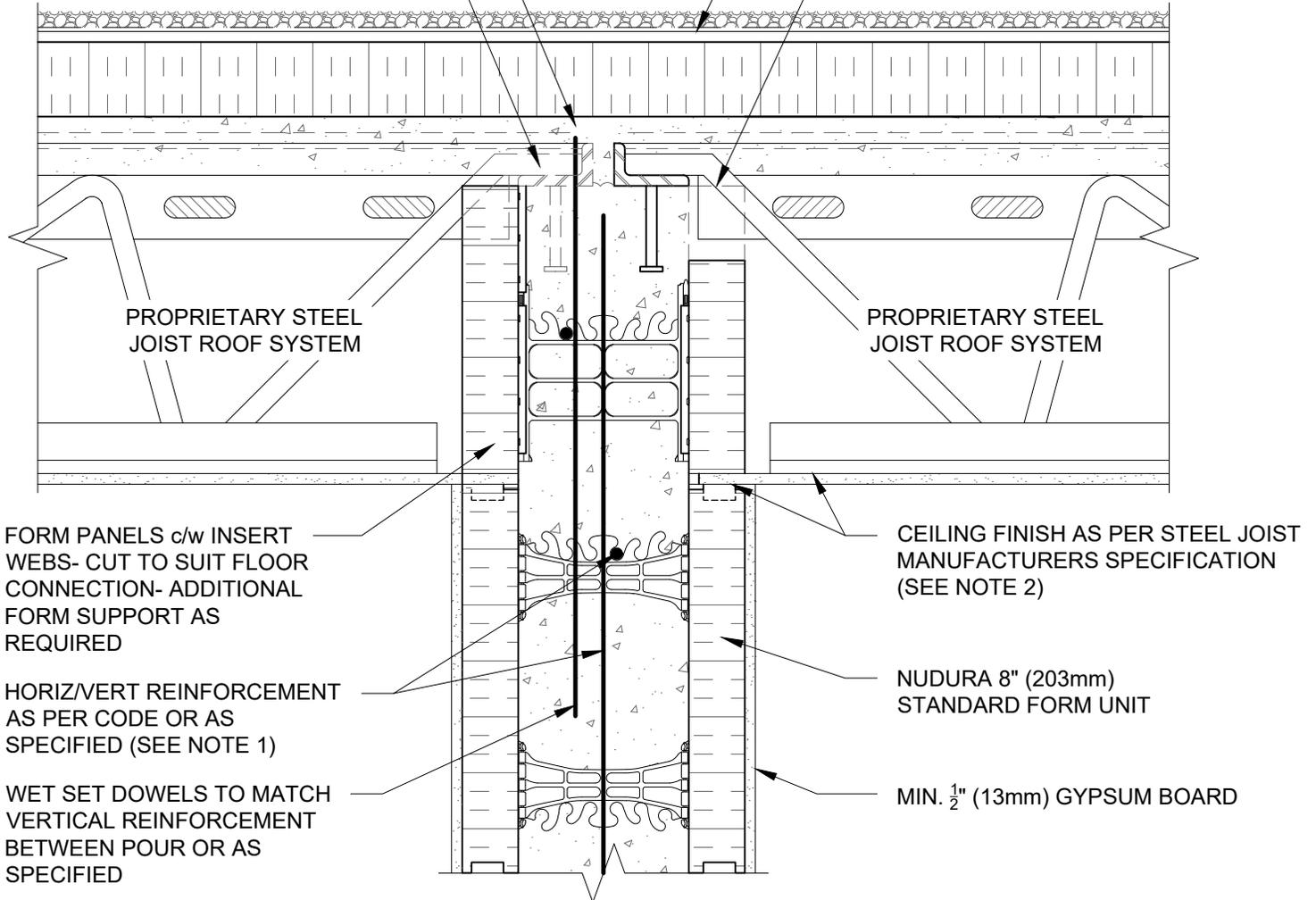


ALLOW FLOOR SLAB TO REST ON TO BEARING WALL CONCRETE

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 8" (203mm) 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 8" (203mm) 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:

G8B03



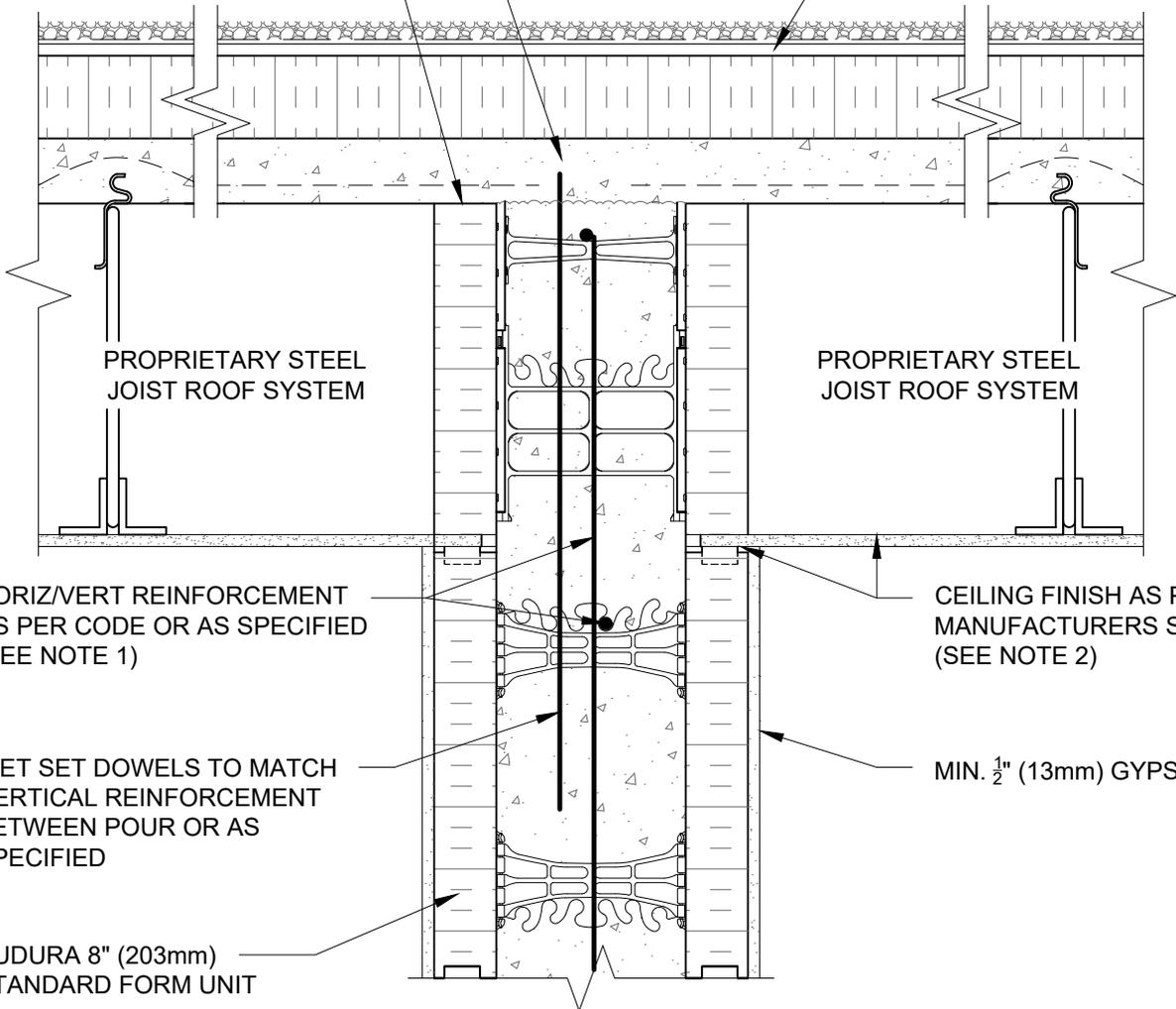
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ALLOW ROOF SLAB TO REST ON TO BEARING WALL CONCRETE

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



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

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

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

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

NUDURA 8" (203mm) STANDARD FORM UNIT

- 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**



Detail: Nudura 8" (203mm) Form Unit, Steel Joist Roof System, Non-Bearing Demising Wall			File Name:
Drawn by: KS	Checked by: KS	Scale: 1:8	G8B04
Revision #: 01	Revised by: KAB	Date: 3/13/2024	



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 8" (203mm) STANDARD FORM UNIT

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 8" (203mm) Form Unit, Steel Joist Roof, Bearing Demising Wall

File Name:

Drawn by: KS

Checked by: KS

Scale: 1:8

G8C03

Revision #: 01

Revised by: KAB

Date: 3/13/2024



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

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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

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 8" (203mm) 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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**Non-Combustible Construction - Demising Wall Roof Connections**

Detail: Nudura 8" (203mm) Form Unit, Steel Joist Roof, Non-Bearing Demising Wall

File Name:

Drawn by: KS

Checked by: KS

Scale: 1:8

G8C04

Revision #: 01

Revised by: KAB

Date: 3/13/2024

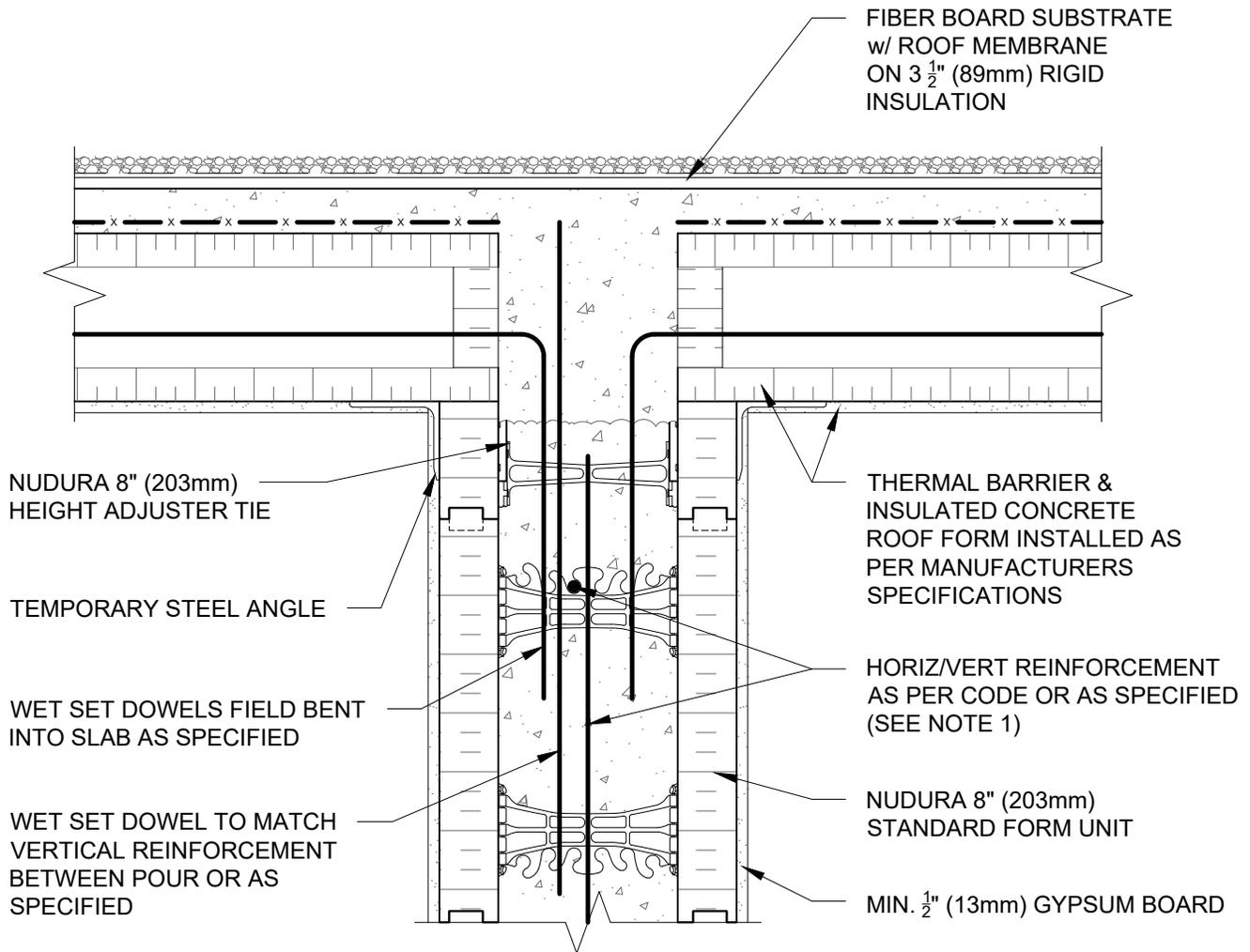


Nudura Technical Support: 866-468-6299  
International: +1 705-726-9499



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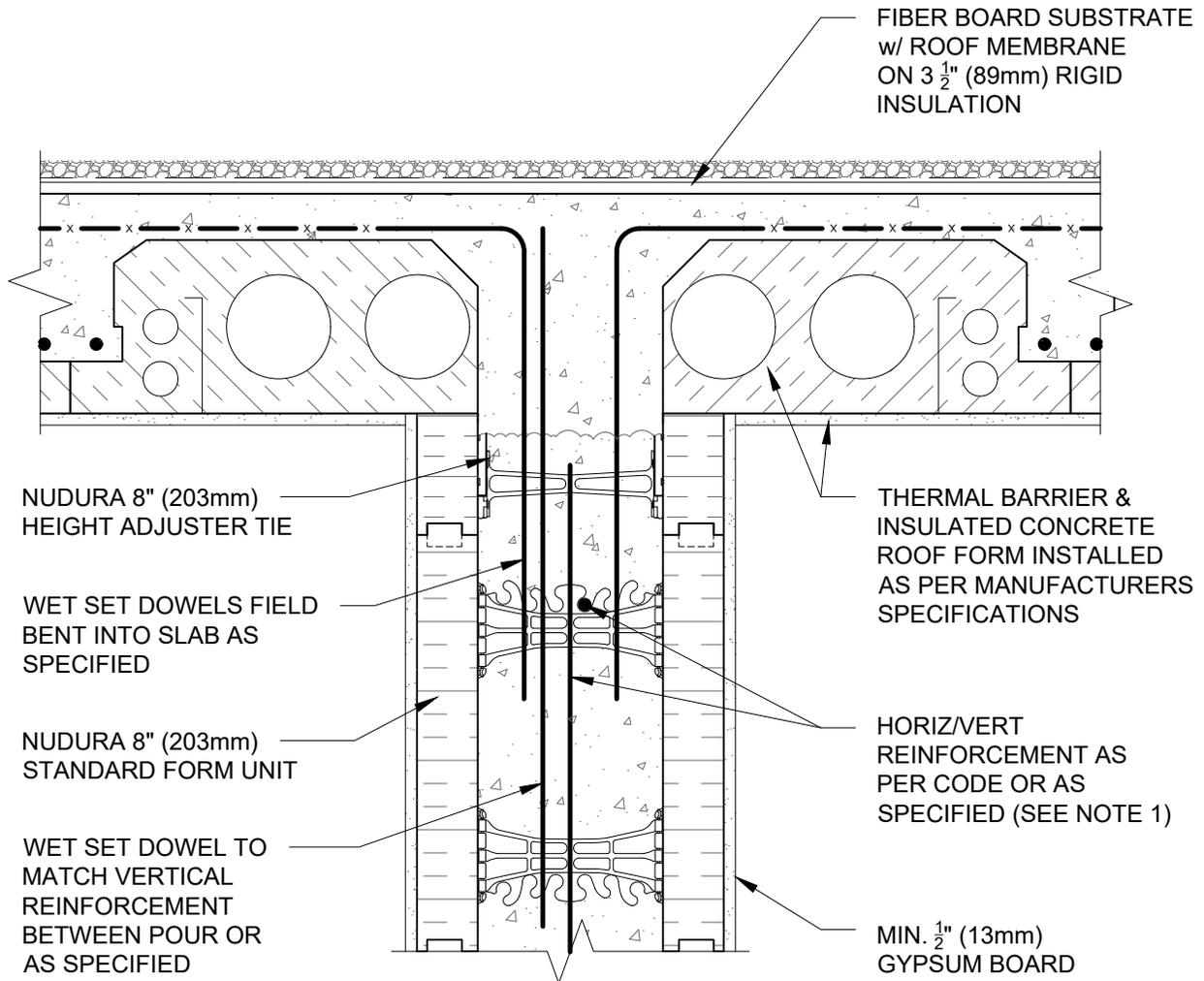
**Non-Combustible Construction - Demising Wall Roof Connections**



Detail: Nudura 8" (203mm) 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:
G8D03





NOTES:  
1) FOR OPTIMAL REINFORCEMENT PLACEMENT IN THE NUDURA FORM,  
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### Non-Combustible Construction - Demising Wall Roof Connections

Detail: Nudura 8" (203mm) Form Unit, ICRS Connection, ICRS Resting on Form, Non-Bearing Demising Wall

File Name:

Drawn by: KS

Checked by: KS

Scale: 1:8

G8D04

Revision #: 01

Revised by: KAB

Date: 3/13/2024

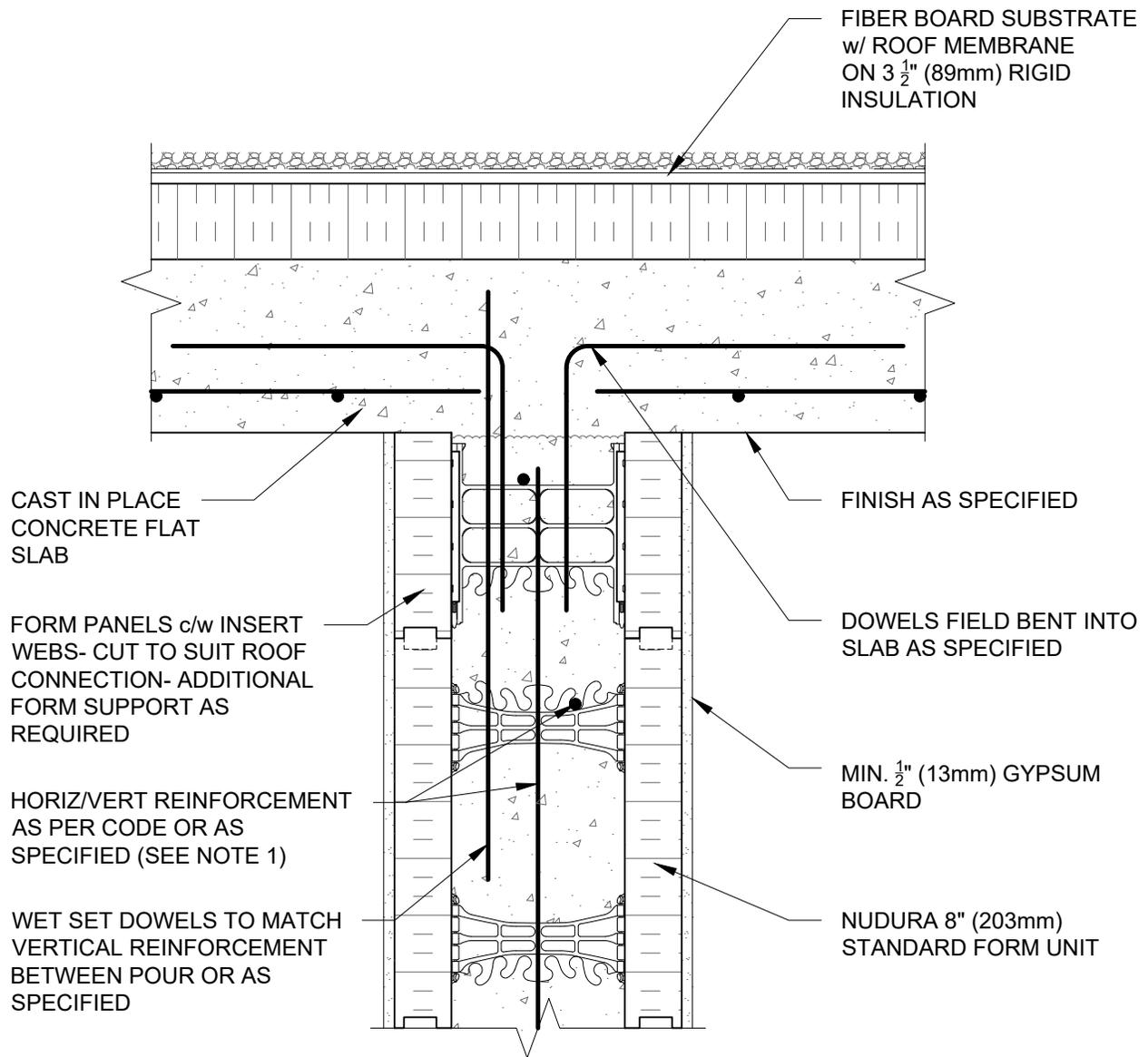


Nudura Technical Support: 866-468-6299  
International: +1 705-726-9499

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**Non-Combustible Construction - Demising Wall Roof Connections**



Detail: Nudura 8" (203mm) Form Unit, Concrete Flat Plate, Bearing Demising Wall		
Drawn by: KS	Checked by: KS	Scale: 1:8
Revision #: 01	Revised by: KAB	Date: 3/13/2024

File Name:
G8E02

