

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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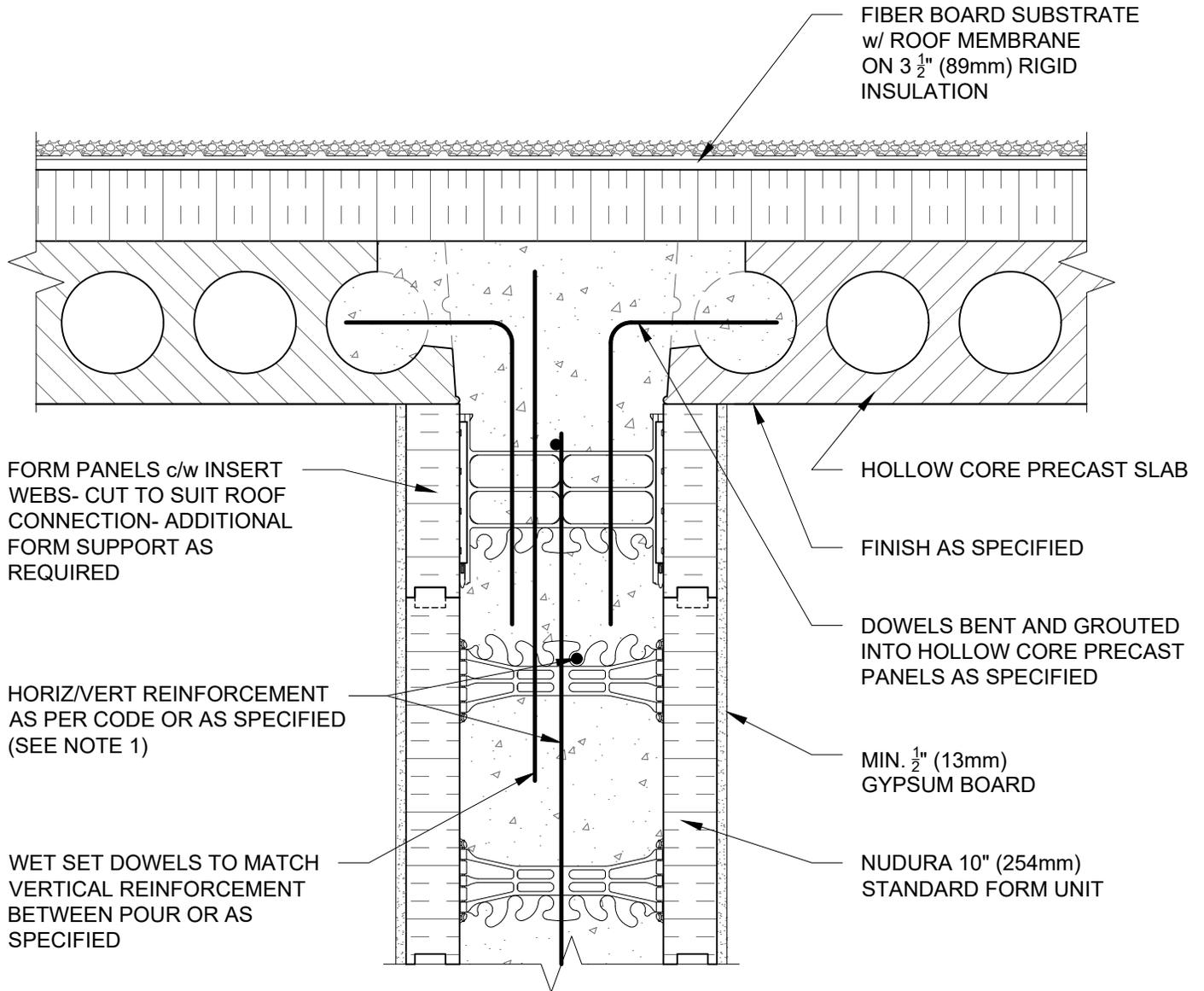
Non-Combustible Construction - Demising Wall Roof Connections



Detail: Nudura 10" (254mm) Form Unit, Hollow Core Precast Roof, Bearing Demising Wall		
Drawn by: KS	Checked by: KS	Scale: 1:8
Revision #: 01	Revised by: KAB	Date: 3/13/2024

File Name:
G10A03





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 10" (254mm) 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

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G10A04

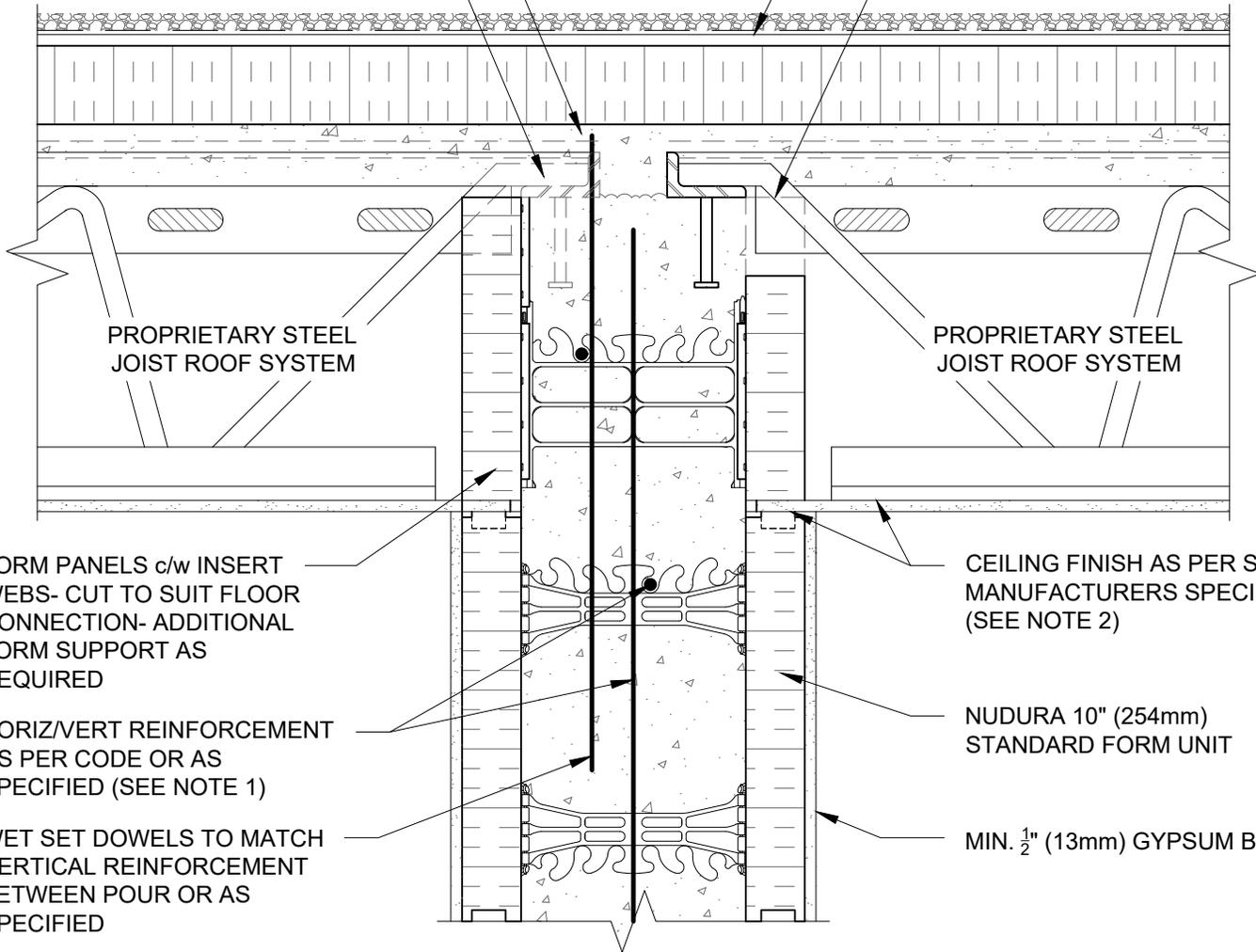


ALLOW FLOOR SLAB TO REST ON TO BEARING WALL CONCRETE

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



PROPRIETARY STEEL JOIST ROOF SYSTEM

PROPRIETARY STEEL JOIST ROOF SYSTEM

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 10" (254mm) 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

Detail: Nudura 10" (254mm) Form Unit, Steel Joist Roof System, Bearing Demising Wall

File Name:

Drawn by: KS

Checked by: KS

Scale: 1:8

G10B03

Revision #: 01

Revised by: KAB

Date: 3/13/2024



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

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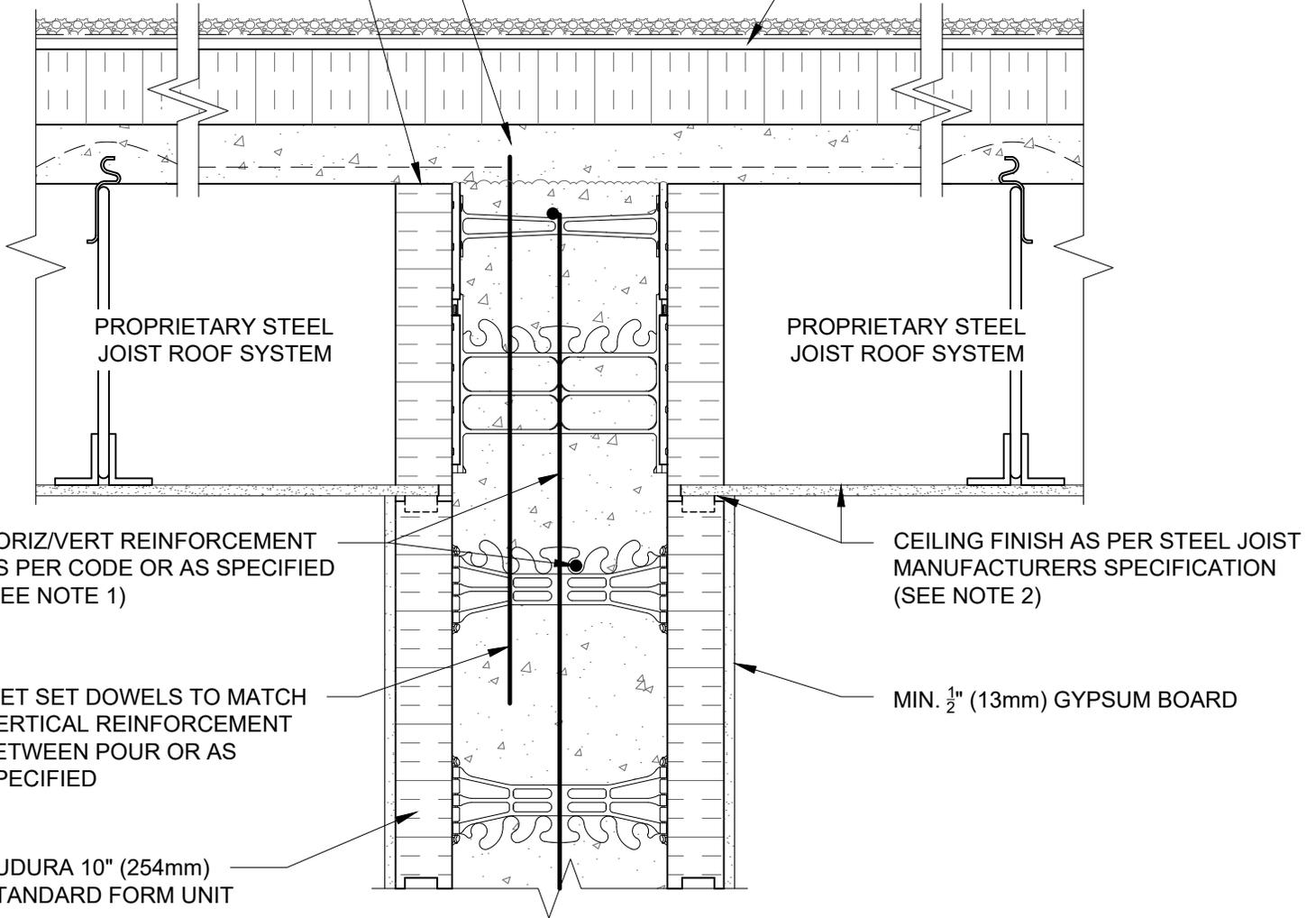


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ALLOW ROOF SLAB TO REST ON TO BEARING WALL CONCRETE

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 10" (254mm) 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 10" (254mm) Form Unit, Steel Joist Roof System, Non-Bearing Demising Wall

File Name:

Drawn by: KS	Checked by: KS	Scale: 1:8
Revision #: 01	Revised by: KAB	Date: 3/13/2024

G10B04



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 10" (254mm) STANDARD FORM UNIT

NOTES:

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Non-Combustible Construction - Demising Wall Roof Connections

Detail: Nudura 10" (254mm) Form Unit, Steel Joist Roof, Bearing Demising Wall

File Name:

Drawn by: KS

Checked by: KS

Scale: 1:8

G10C03

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 10" (254mm) 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

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Non-Combustible Construction - Demising Wall Roof Connections

Detail: Nudura 10" (254mm) Form Unit, Steel Joist Roof, Non-Bearing Demising Wall

File Name:

Drawn by: KS

Checked by: KS

Scale: 1:8

G10C04

Revision #: 01

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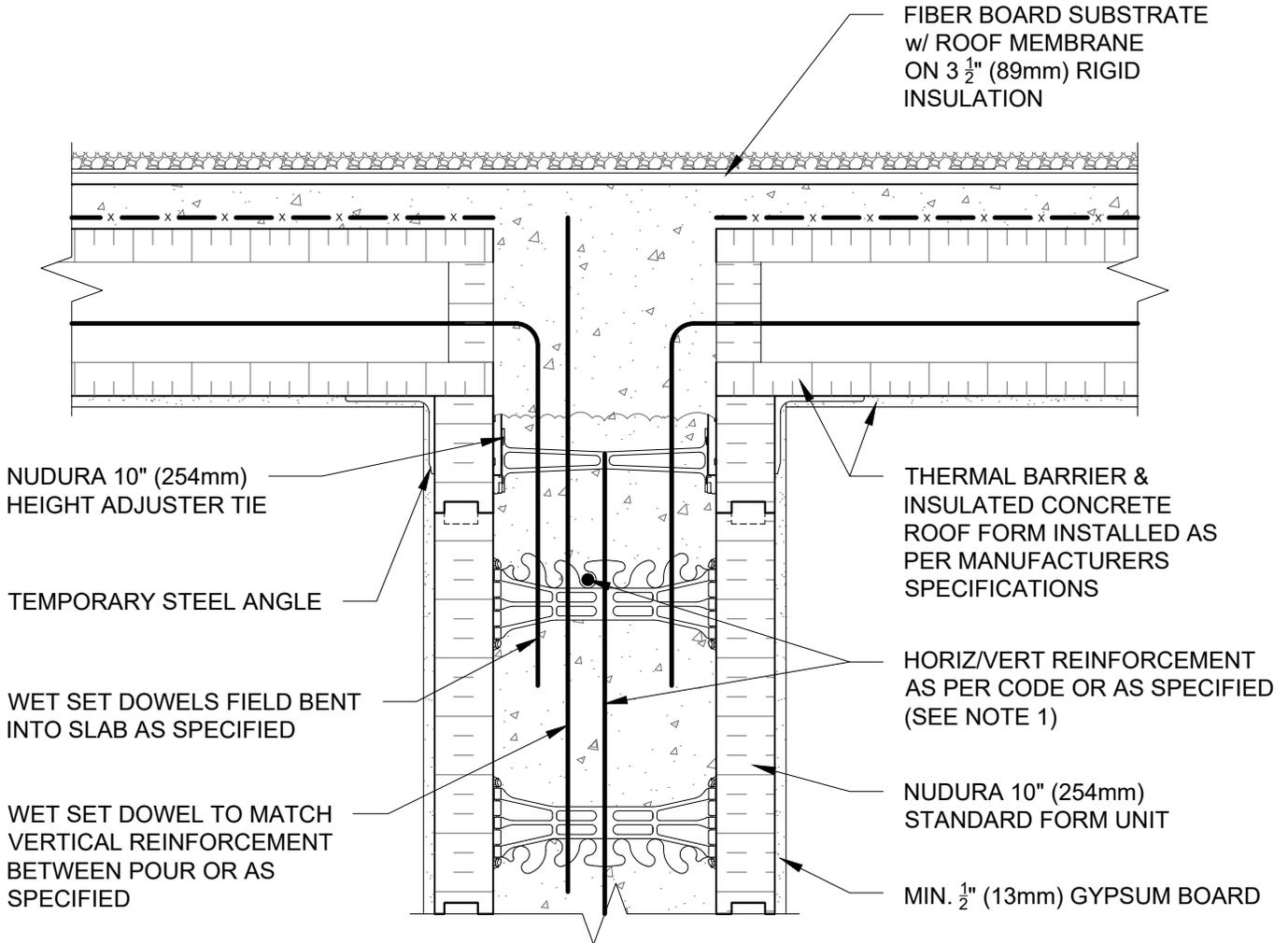


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International: +1 705-726-9499

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Non-Combustible Construction - Demising Wall Roof Connections



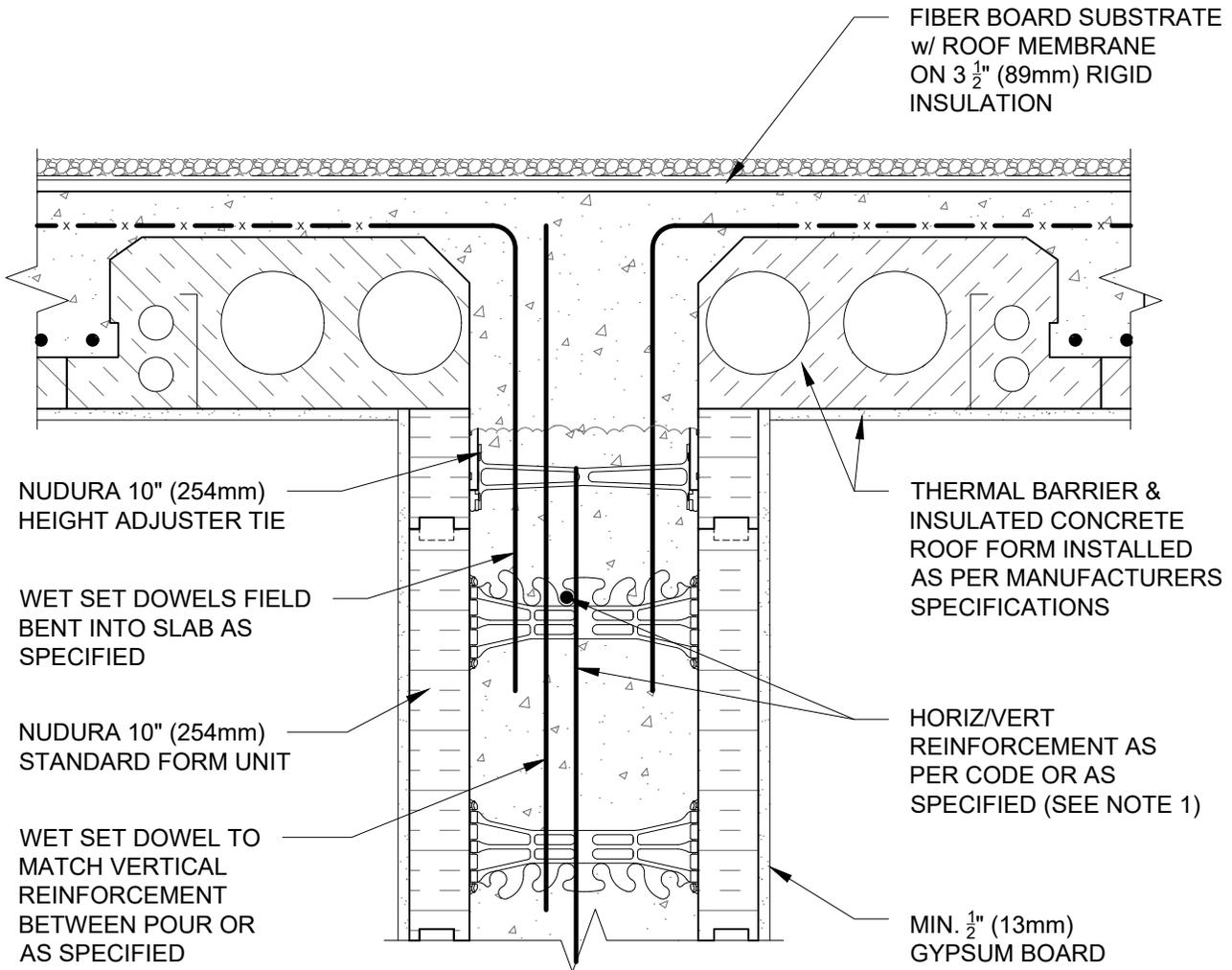
Detail: Nudura 10" (254mm) Form Unit, ICRS Connection, ICRS Resting on Form, Bearing Demising Wall

Drawn by: KS	Checked by: KS	Scale: 1:8
Revision #: 01	Revised by: KAB	Date: 3/13/2024

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G10D03





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Non-Combustible Construction - Demising Wall Roof Connections

Detail: Nudura 10" (254mm) Form Unit, ICRS Connection, ICRS Resting on Form, Non-Bearing Demising Wall

File Name:

Drawn by: KS

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Scale: 1:8

G10D04

Revision #: 01

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Date: 3/13/2024

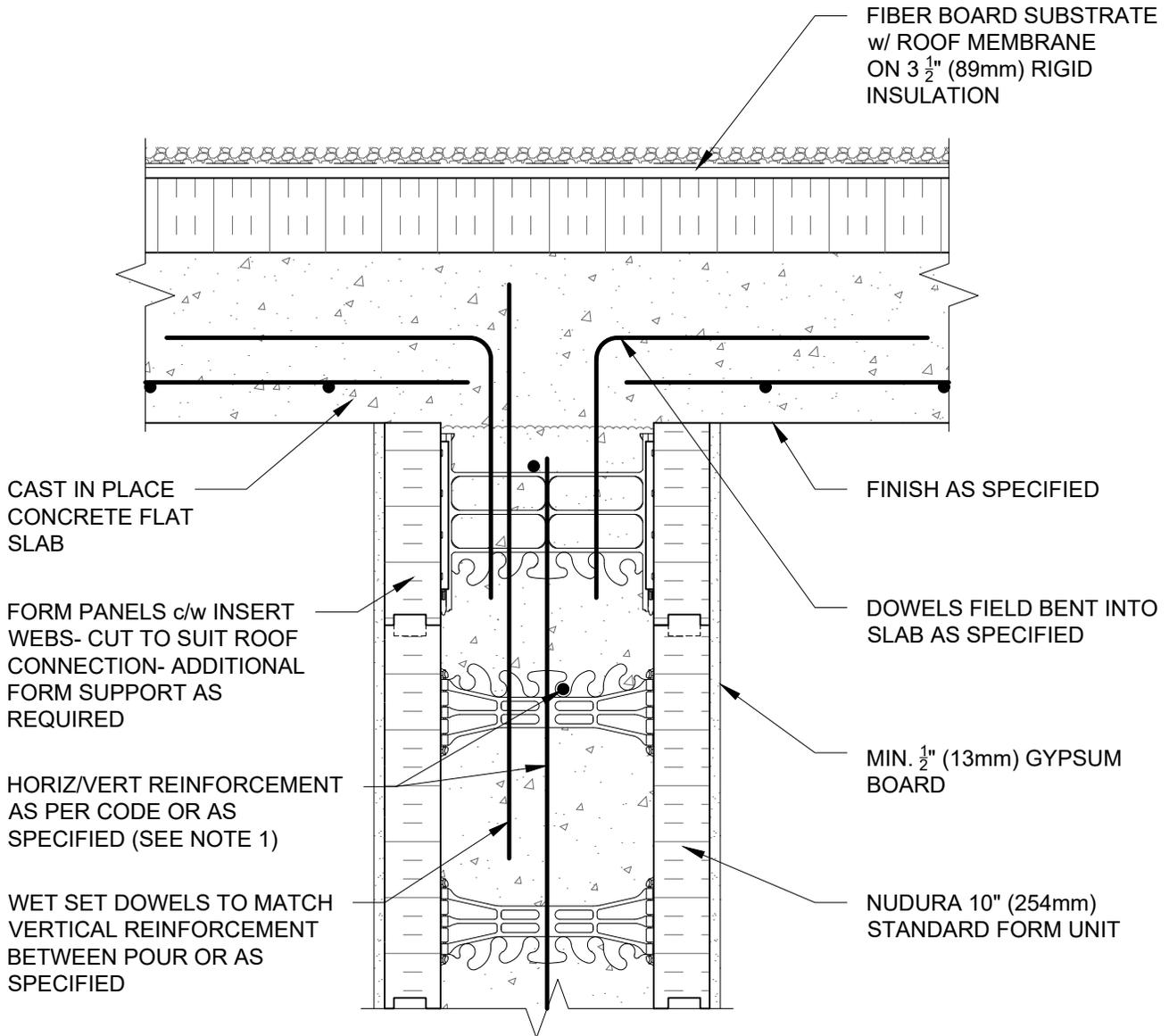


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Non-Combustible Construction - Demising Wall Roof Connections



Detail: Nudura 10" (254mm) Form Unit, Concrete Flat Place, Bearing Demising Roof		
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G10E02

