

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

MIN ½" (13mm) GYPSUM BOARD

FINISHED CONCRETE
TOPPING

HOLLOW CORE
PRECAST SLAB

HOLLOW CORE
PRECAST SLAB

FINISH AS SPECIFIED

FINISH AS SPECIFIED

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

MASONITE BEARING PAD

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

DOWELS FIELD BENT AND
GROUTED INTO SHEAR KEY
JOINT BETWEEN PANELS AS
SPECIFIED

NUDURA 12" (305mm)
STANDARD FORM UNIT

MIN ½" (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.

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Non-Combustible Construction - Demising Wall Intermediate Floor Connections



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

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

Drawn by: KS

Checked by: KS

Scale: 1:8

Revision #: 01

Revised by: KAB

Date: 3/13/2024

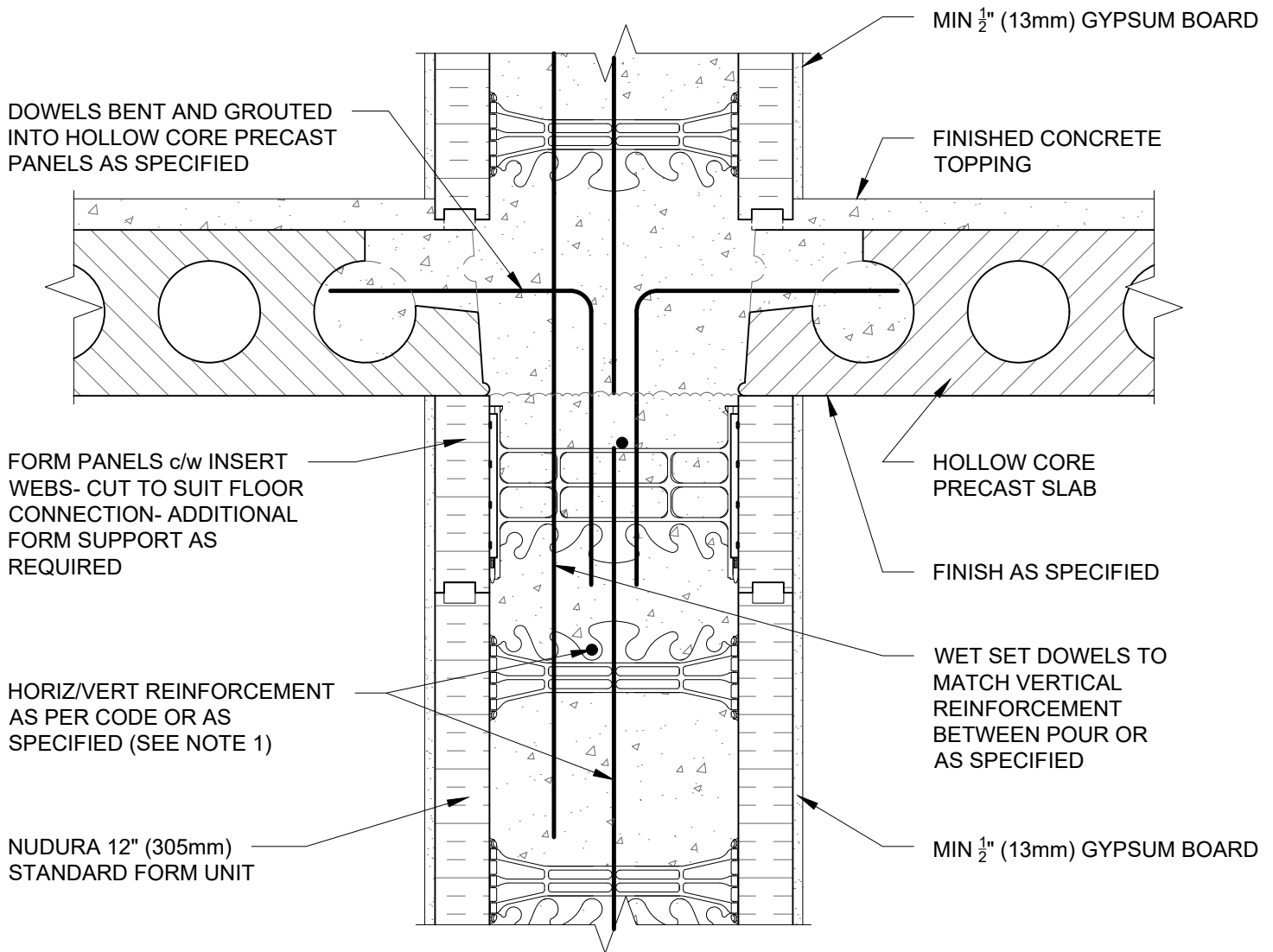
File Name:

G12A01



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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 Intermediate Floor Connections



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

Detail: Nudura 12" (305mm) Form Unit, Hollow Core Precast Slab,
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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Construction Products Group

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NUDURA 12" (305mm)
STANDARD FORM UNIT

ALLOW FLOOR SLAB TO REST ON
TO BEARING WALL CONCRETE

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

MIN ½" (13mm) GYPSUM BOARD

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

EPS FOAM REMOVED AT JOIST
LOCATIONS ONLY TO ALLOW JOIST
PLACEMENT

PROPRIETARY STEEL
JOIST FLOOR SYSTEM

PROPRIETARY STEEL
JOIST FLOOR SYSTEM

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 ½" (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 Intermediate Floor Connections



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

Detail: Nudura 12" (305mm) Form Unit, Proprietary Steel Joist Floor System,
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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NUDURA 12" (305mm)
STANDARD FORM UNIT

ALLOW FLOOR SLAB TO REST ON
TO BEARING WALL CONCRETE

MIN ½" (13mm) GYPSUM BOARD

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

PROPRIETARY STEEL JOIST
FLOOR SYSTEM

PROPRIETARY STEEL JOIST
FLOOR SYSTEM

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 ½" (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 Intermediate Floor Connections



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

Detail: Nudura 12" (305mm) Form Unit, Proprietary Steel Joist Floor System,
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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FORM PANELS c/w INSERT WEBS-
CUT TO SUIT FLOOR CONNECTION-
ADDITIONAL FORM SUPPORT AS
REQUIRED

U BRACKET ANCHOR INSERT

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

COMPOSITE STEEL DECK-SLAB
AND REINFORCEMENT AS
SPECIFIED

OWSJ AND CONNECTION SHOWN
BEYOND TO ALLOW FOR
STAGGERING OF JOISTS

OWSJ

WET SET DOWELS FIELD BENT
INTO SLAB AS SPECIFIED

INTERIOR INSULATION
REMOVED AT JOIST
LOCATIONS

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

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

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

NUDURA 12" (305mm)
STANDARD FORM UNIT

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 Intermediate Floor Connections



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

Detail: Nudura 12" (305mm) Form Unit, Composite Steel Deck-Slab, Steel Joist on
Bearing Demising Wall

Drawn by: KS

Checked by: KS

Scale: 1:8

Revision #: 01

Revised by: KAB

Date: 3/13/2024

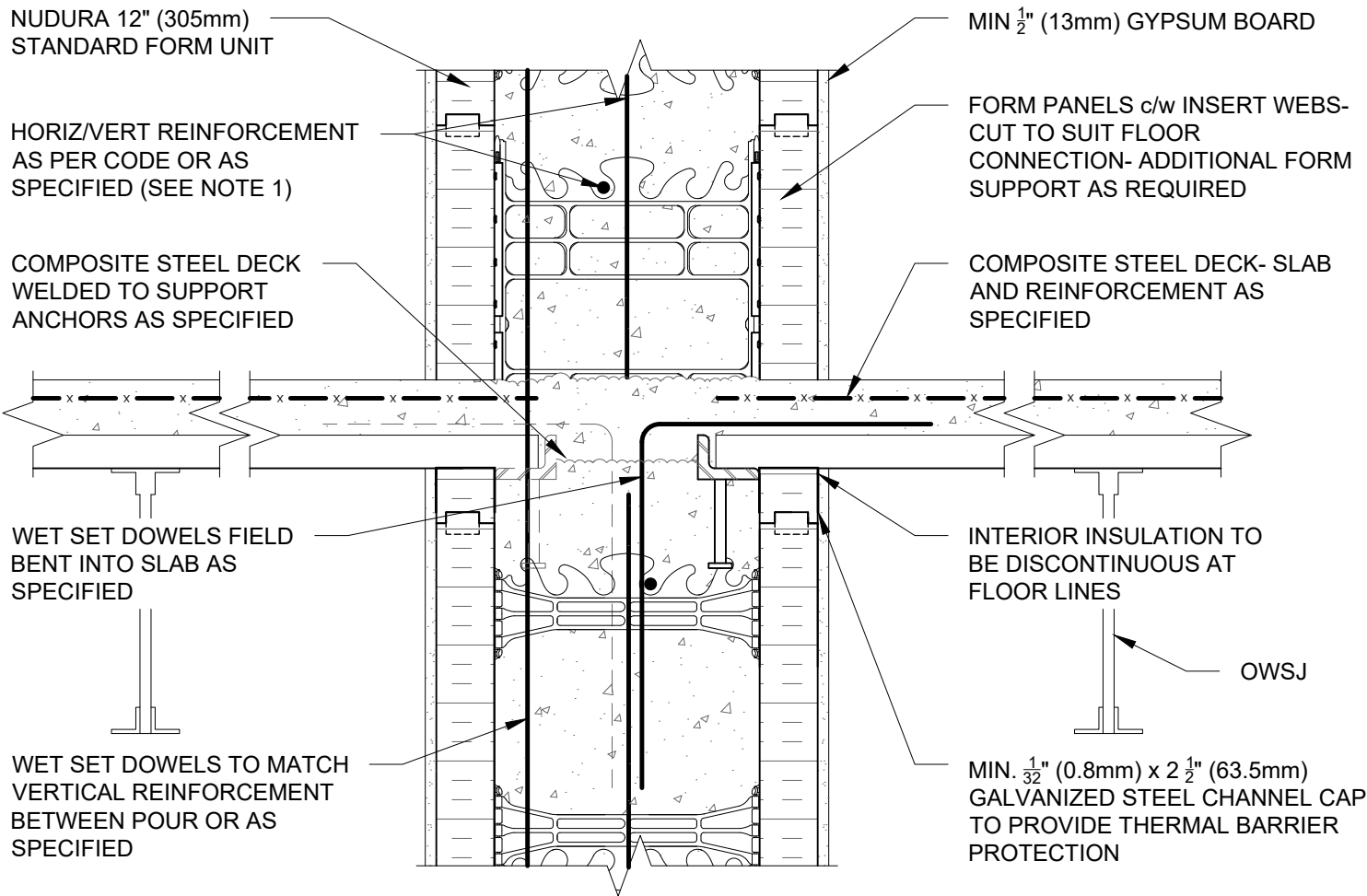
File Name:

G12C01



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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 Intermediate Floor Connections

 Nudura Technical Support: 866-468-6299 International: +1 705-726-9499	Detail: Nudura 12" (305mm) Form Unit, Composite Steel Deck-Slab, Steel Joist on Non-Bearing Demising Wall			File Name: G12C02	 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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NUDURA 12" (305mm)
STANDARD FORM UNIT

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

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

INSULATED CONCRETE
FLOOR FORM INSTALLED AS
PER MANUFACTURERS
SPECIFICATIONS

WET SET DOWELS FIELD
BENT INTO SLAB AS
SPECIFIED

THERMAL BARRIER AS PER
FLOOR MANUFACTURERS
SPECIFICATION

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

TEMPORARY STEEL ANGLE

NUDURA 12" (305mm)
HEIGHT ADJUSTER TIE

NOTES:

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Non-Combustible Construction - Demising Wall Intermediate Floor Connections



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

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

Drawn by: KS

Checked by: KS

Scale: 1:8

Revision #: 01

Revised by: KAB

Date: 3/13/2024

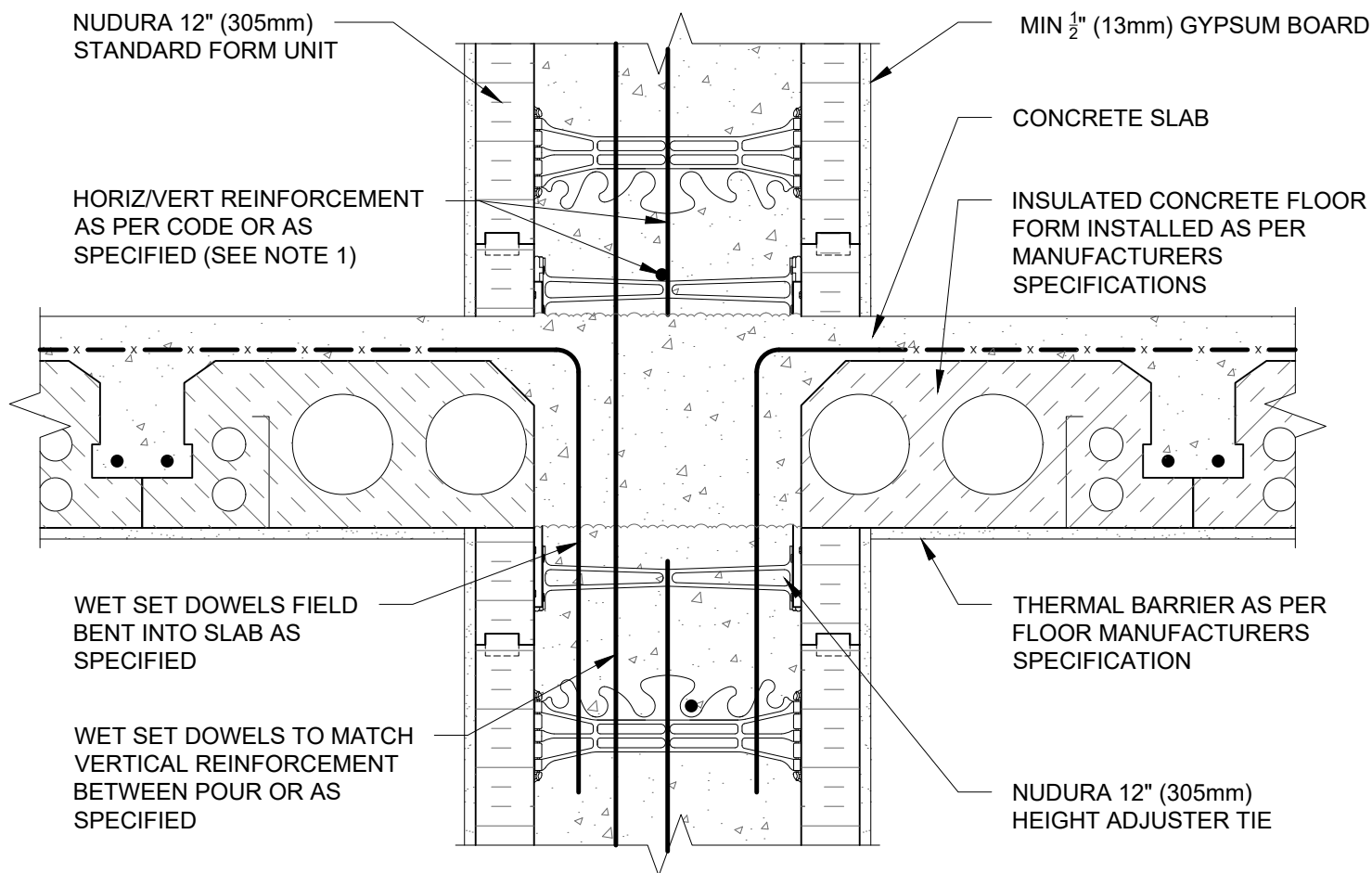
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G12D01



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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 Intermediate Floor Connections



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

Detail: Nudura 12" (305mm) Form Unit, ICFS Connection, ICFS 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

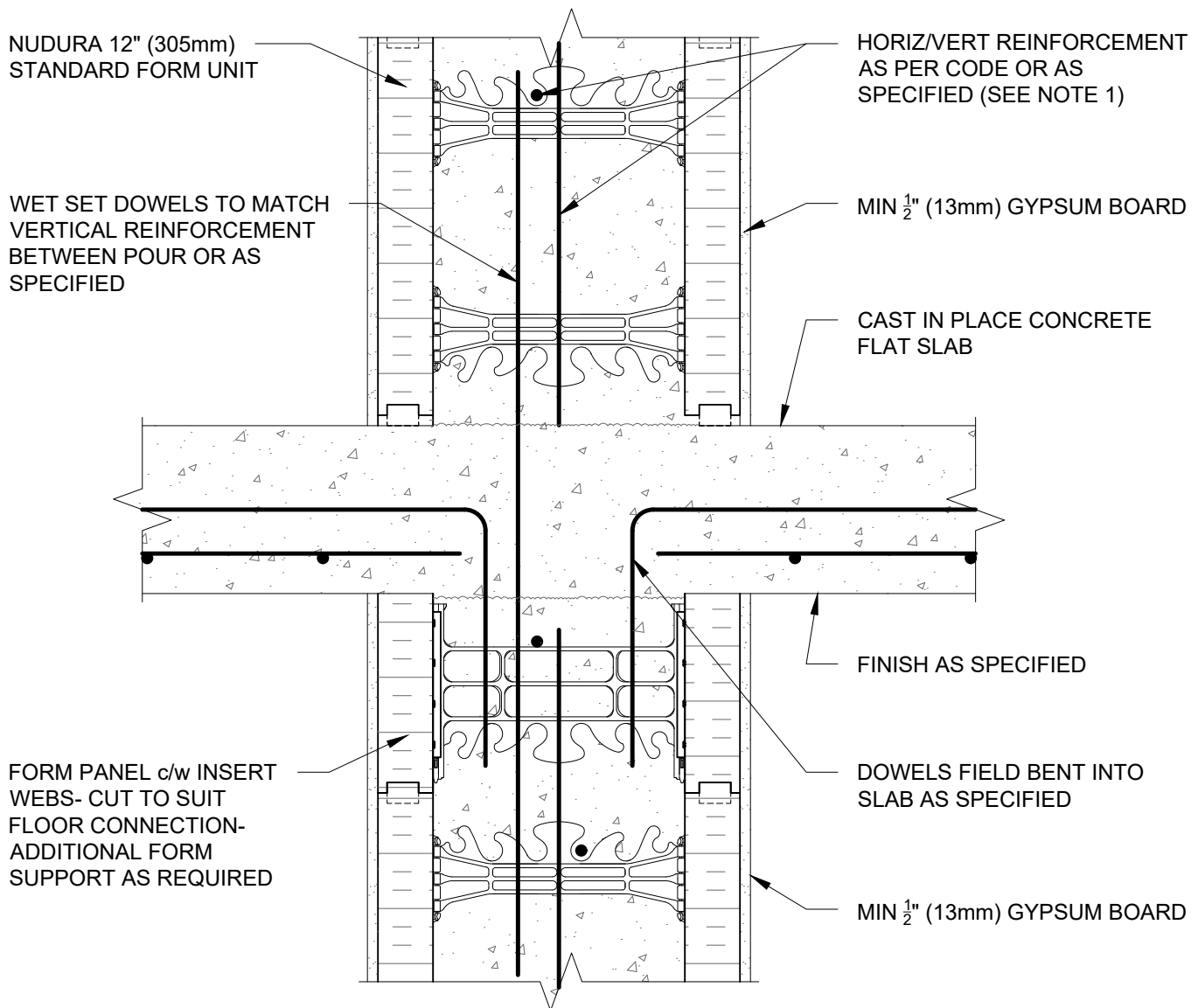
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NOTES:

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 Intermediate Floor Connections



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

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

Drawn by: KS

Checked by: KS

Scale: 1:8

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