

## NEXCLAD 14

P R O T O T Y P I C A L   D E T A I L S



LUDOWICI®

PROTOTYPICAL DETAILS  
K E Y

P A G E   O N E   O F   T W O





PROTOTYPICAL DETAILS

K E Y

P A G E   T W O   O F   T W O



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LUDOWICI NEXCLAD  
SHINGLE 14 TERRACOTTA  
CLADDING TILE

STAINLESS STEEL  
SIDELOCK CLIP W/ (1)  
STAINLESS STEEL  
FASTENER (TYP.)

3/16" LUDOWICI  
DRAINAGE PLANE  
MATERIAL. NOTE:  
CORRUGATION OF THE  
DRAINAGE MAT TO FACE  
TOWARD THE BUILDING,  
THE FLEECE LINER  
FACES THE OUTSIDE.

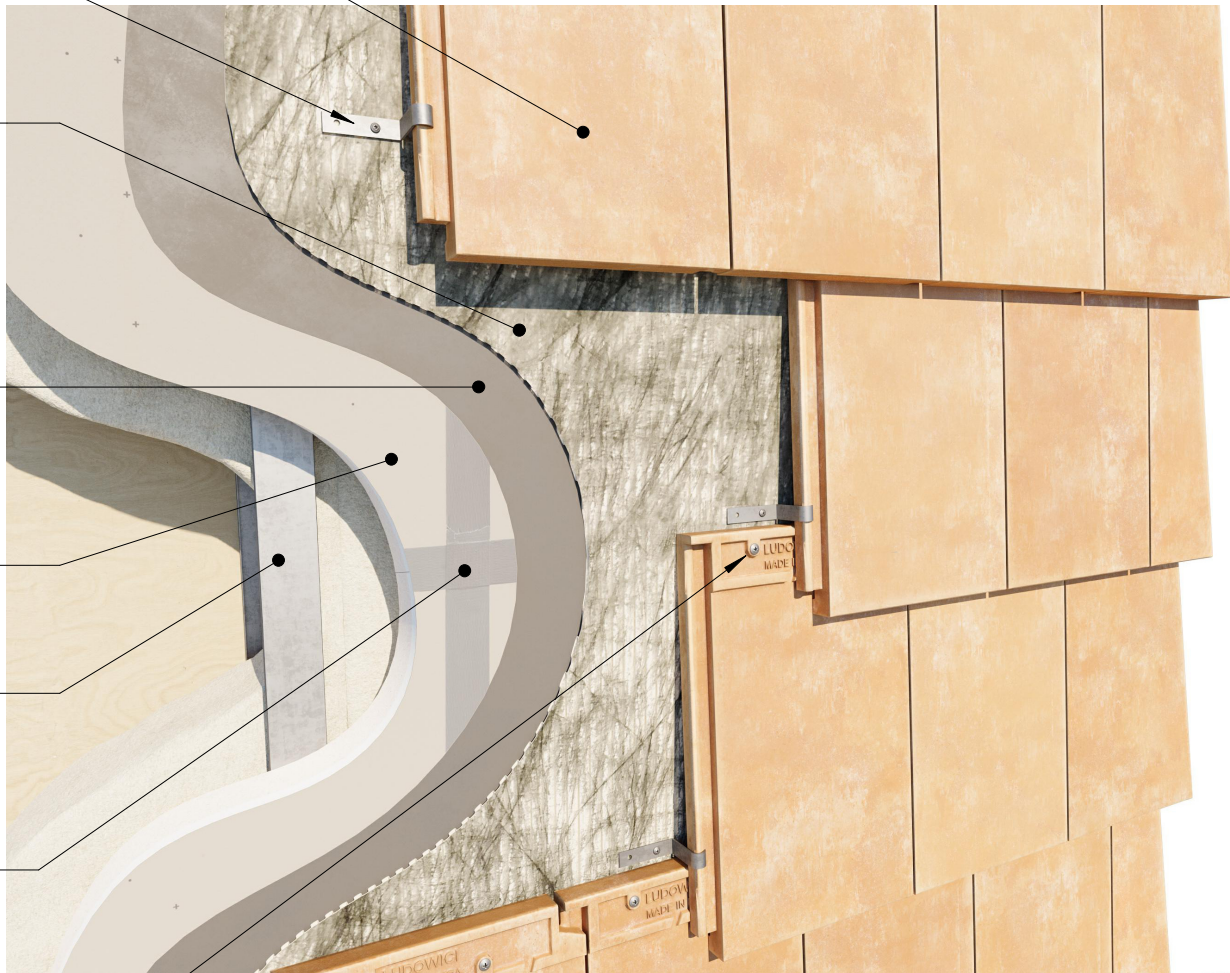
AIR AND MOISTURE  
BARRIER (NOT BY  
LUDOWICI)

CONTINUOUS RIGID  
STRUCTURAL  
INSULATION BOARD  
(NOT BY LUDOWICI)

EXTERIOR WALL  
FRAMING (NOT BY  
LUDOWICI)

CONT' RIGID  
INSULATION BOARD  
TAPE AT JOINTS - IF  
SPECIFIED BY  
MANUFACTURER  
(NOT BY LUDOWICI)

(2) STAINLESS STEEL  
FASTENERS PER TILE  
(TYP.)



  
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[www.ludowici.com](http://www.ludowici.com)

SYSTEM: NeXclad Shingle 14

DETAIL #: 0.3rb

Description: SYSTEM COMPONENTS ISO - W/CONTINUOUS RIGID  
STRUCTURAL INSULATION BOARD

Building Construction: Continuous Rigid Structural Insulation Board

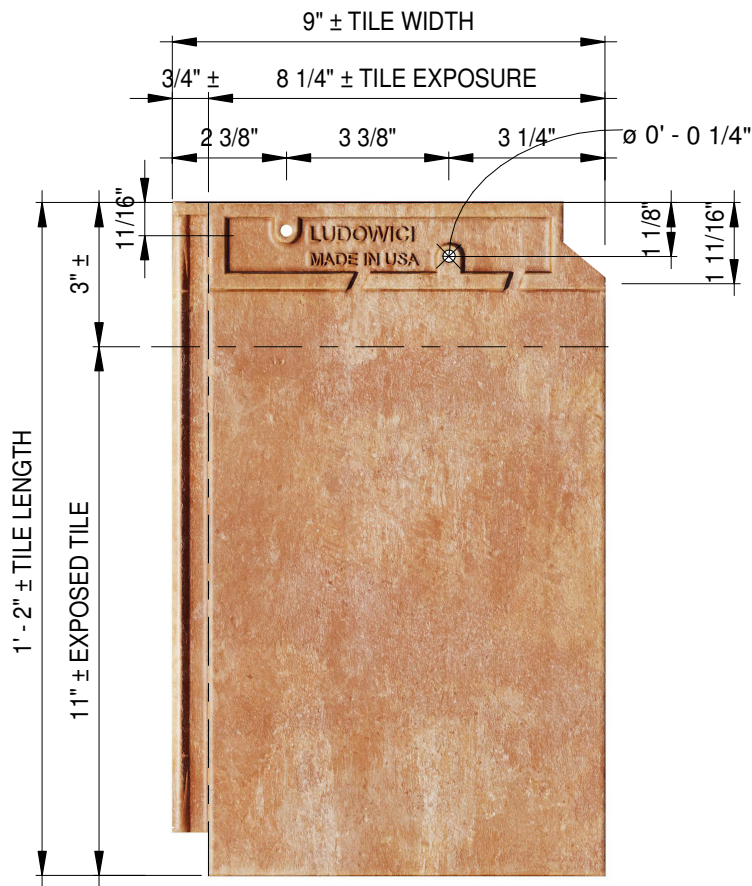
Drawing Date: 04.23.2025

Scale: 3" = 1'-0"

Ludowici Reference #: NeXclad Shingle 14 0.3rb Designer

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FRONT



ISO



TOP



RIGHT

NOTE: CLAY TILE MANUFACTURING STANDARD C1167 ALLOWS FOR  
A +/-5% DIMENSIONAL DEVIATION FROM PUBLISHED STANDARDS

  
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SYSTEM: NeXclad Shingle 14

DETAIL #: 0.4

Description: FIELD TILE DIMENSIONS

Building Construction:

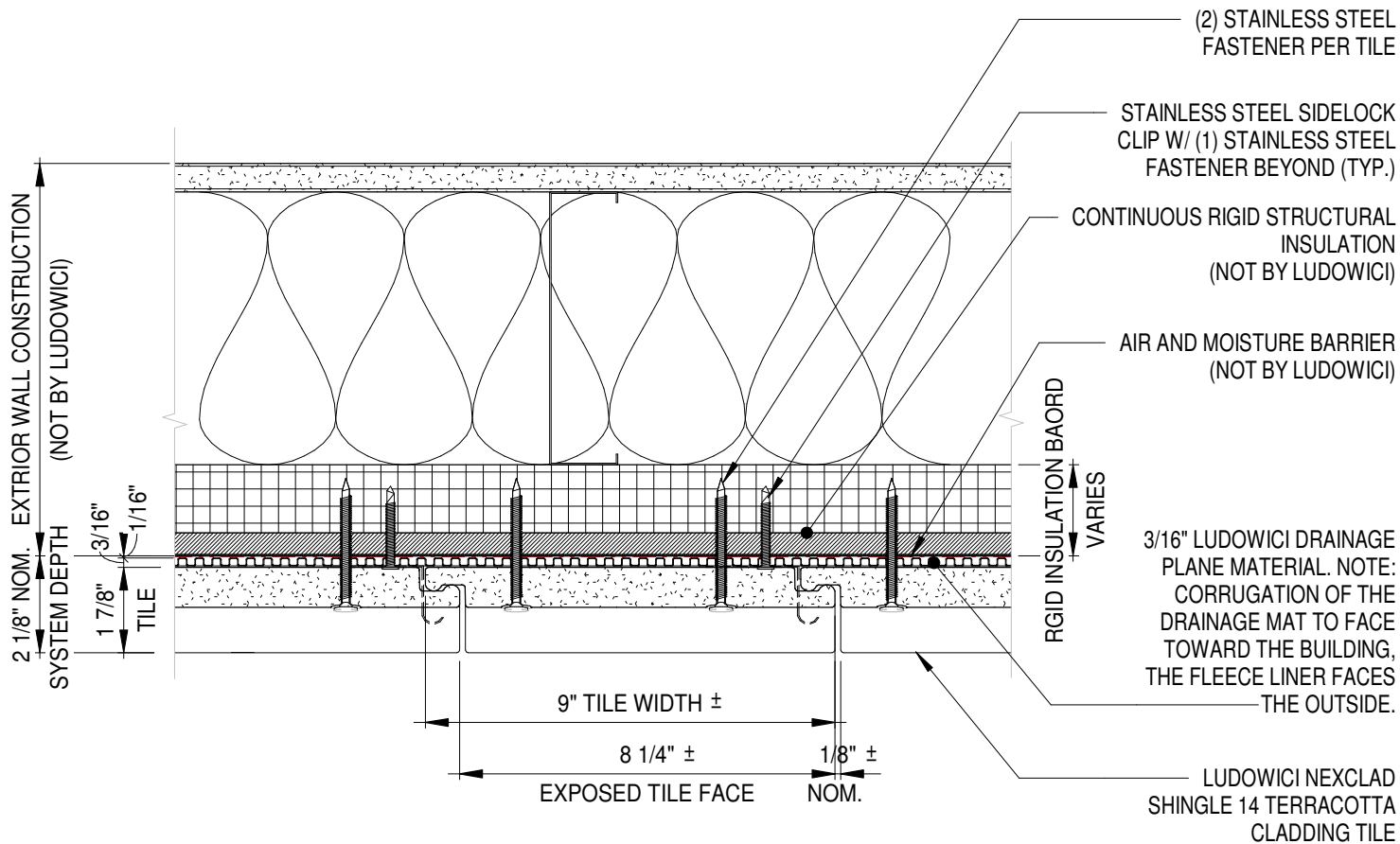
Drawing Date: 04.23.2025

Scale: 3" = 1'-0"

Ludowici Reference #: NeXclad Shingle 14 0.4

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**SYSTEM:** NeXclad Shingle 14

**DETAIL #:** 1rb

Description: TYPICAL INSTALLATION PLAN /CONT' RIGID STRUCTURAL INSULATION BOARD

Building Construction: Continuous Rigid Structural Insulation Board

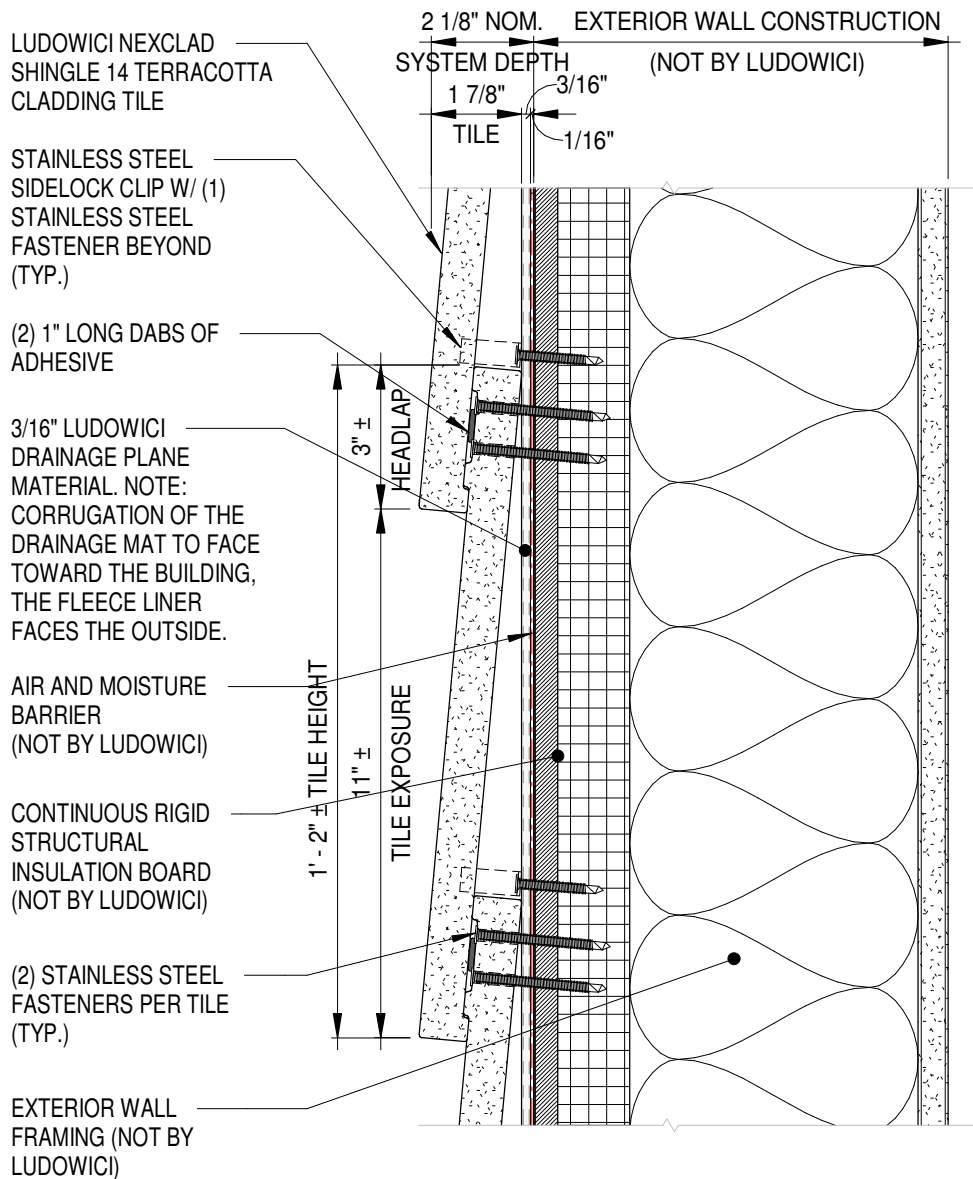
Drawing Date: 04.23.2025

Scale: 3" = 1'-0"

Ludowici Reference #: NeXclad Shingle 14 1rb Designer

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SYSTEM: NeXclad Shingle 14

DETAIL #: 2rb

Description: TYPICAL INSTALLATION SECTION W/CONT' RIGID INSULATION BOARD

Building Construction: Continuous Rigid Structural Insulation Board

Drawing Date: 04.23.2025

Scale: 3" = 1'-0"

Ludowici Reference #: NeXclad Shingle 14 2rb Designer

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**SYSTEM:** NeXclad Shingle 14

**DETAIL #:** 3axo

Description: EXTERNAL CORNER AXO - TWO-PIECE TILE - AXONOMETRIC

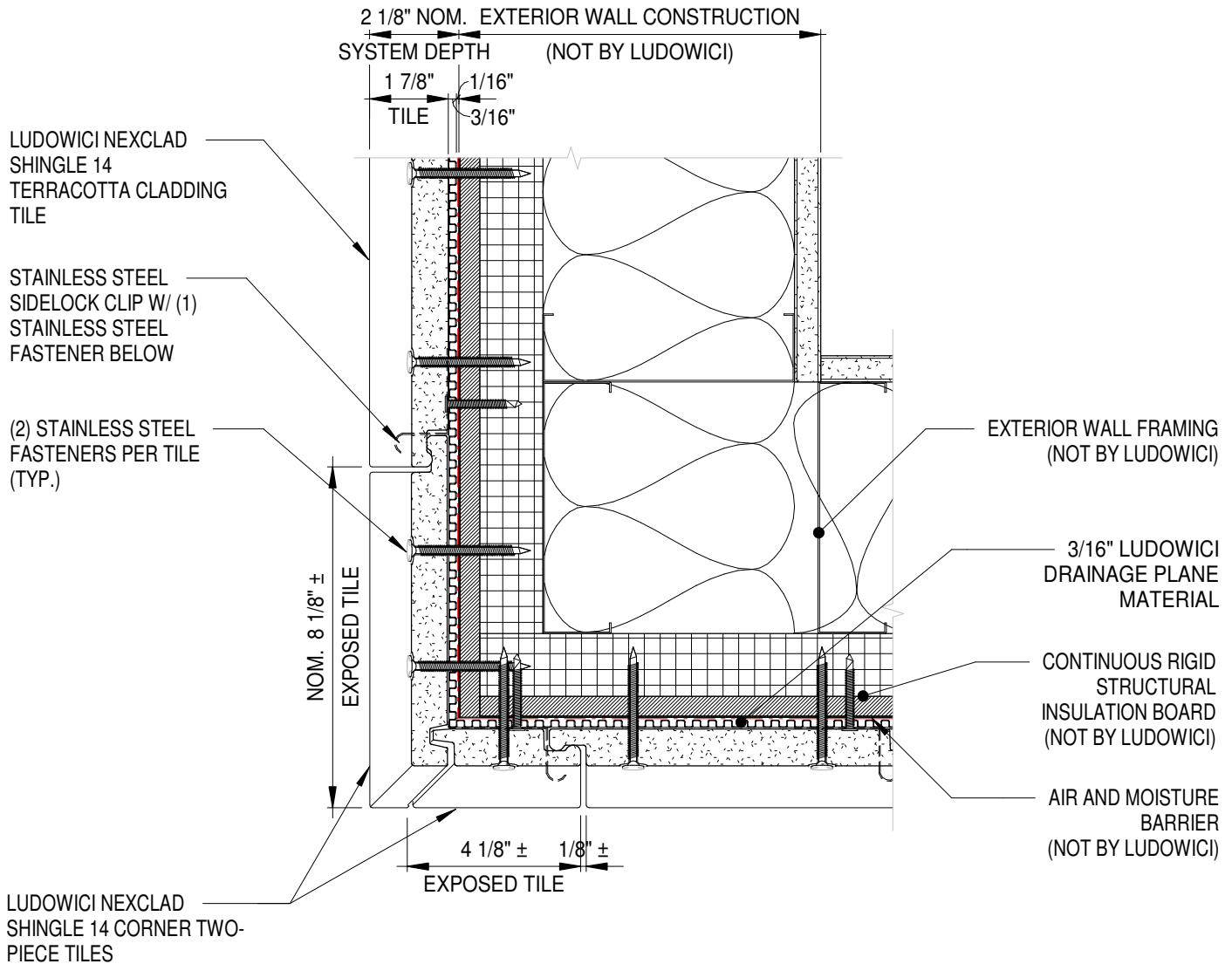
Building Construction:

Drawing Date: 04.23.2025

Scale:

Ludowici Reference #: NeXclad Shingle 14 3axo Designer

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SYSTEM: NeXclad Shingle 14

DETAIL #: 3rb

Description: EXTERNAL CORNER DETAIL - TWO-PIECE TILE W/RIGID INSULATION BOARD

Building Construction: Continuous Rigid Structural Insulation Board

Drawing Date: 04.23.2025

Scale: 3" = 1'-0"

Ludowici Reference #: NeXclad Shingle 14 3rb Designer

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**SYSTEM:** NeXclad Shingle 14

**DETAIL #:** 4axo

Description: EXTERNAL CORNER PLAN DETAIL - RE-ENTRANT  
AXONOMETRIC

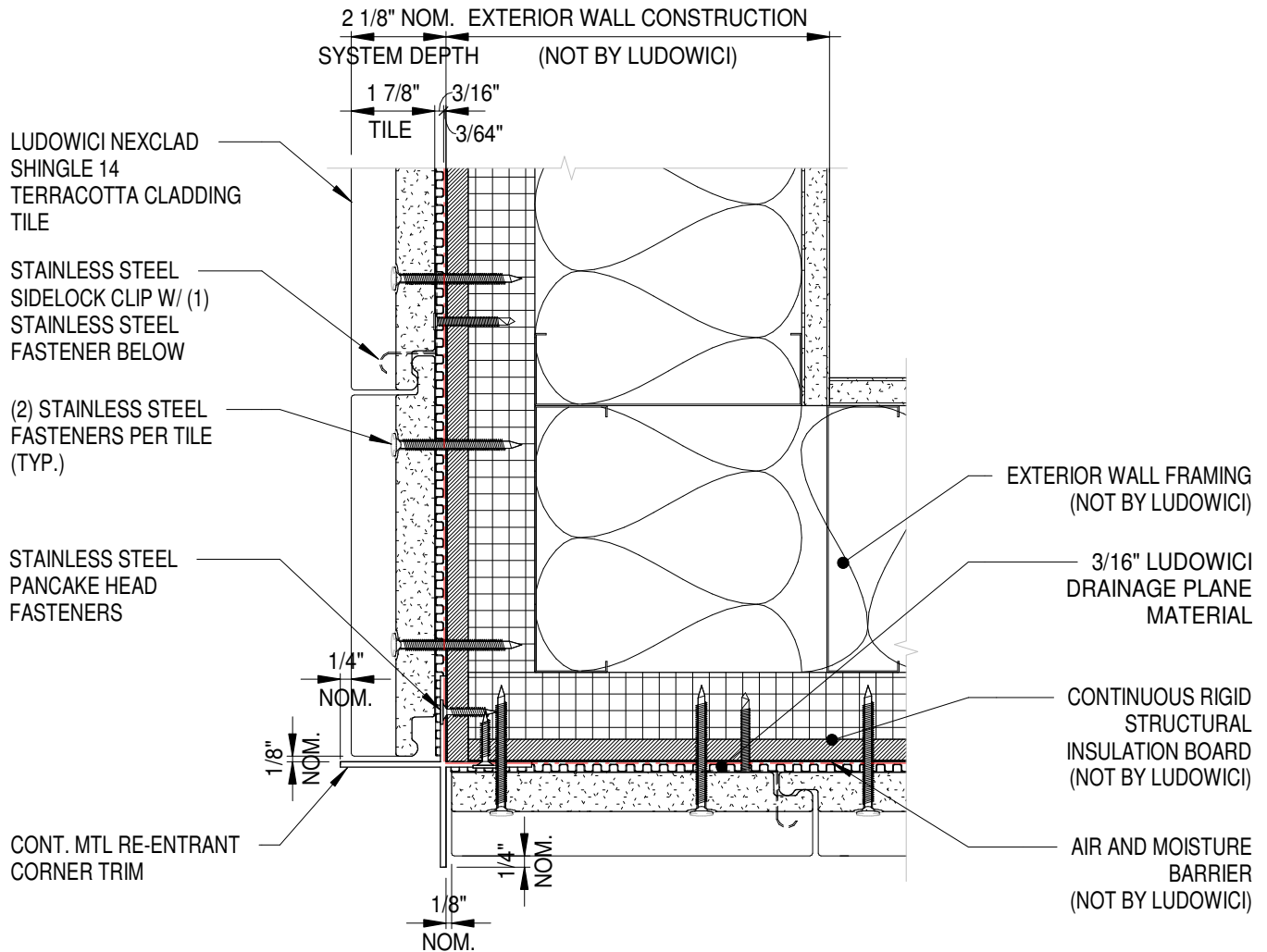
Building Construction: Stud Wall Framing

Drawing Date: 04.23.2025

Scale:

Ludowici Reference #: NeXclad Shingle 14 4axo Designer

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SYSTEM:	NeXclad Shingle 14
DETAIL #:	4rb
Description: EXTERNAL CORNER PLAN DETAIL - RE-ENTRANT W/ CONT' RIGID STRUCTURAL INSULATION BOARD	
Building Construction:	Continuous Rigid Structural Insulation Board
Drawing Date:	04.23.2025
Scale:	3" = 1'-0"
Ludowici Reference #:	NeXclad Shingle 14 4rb Designer

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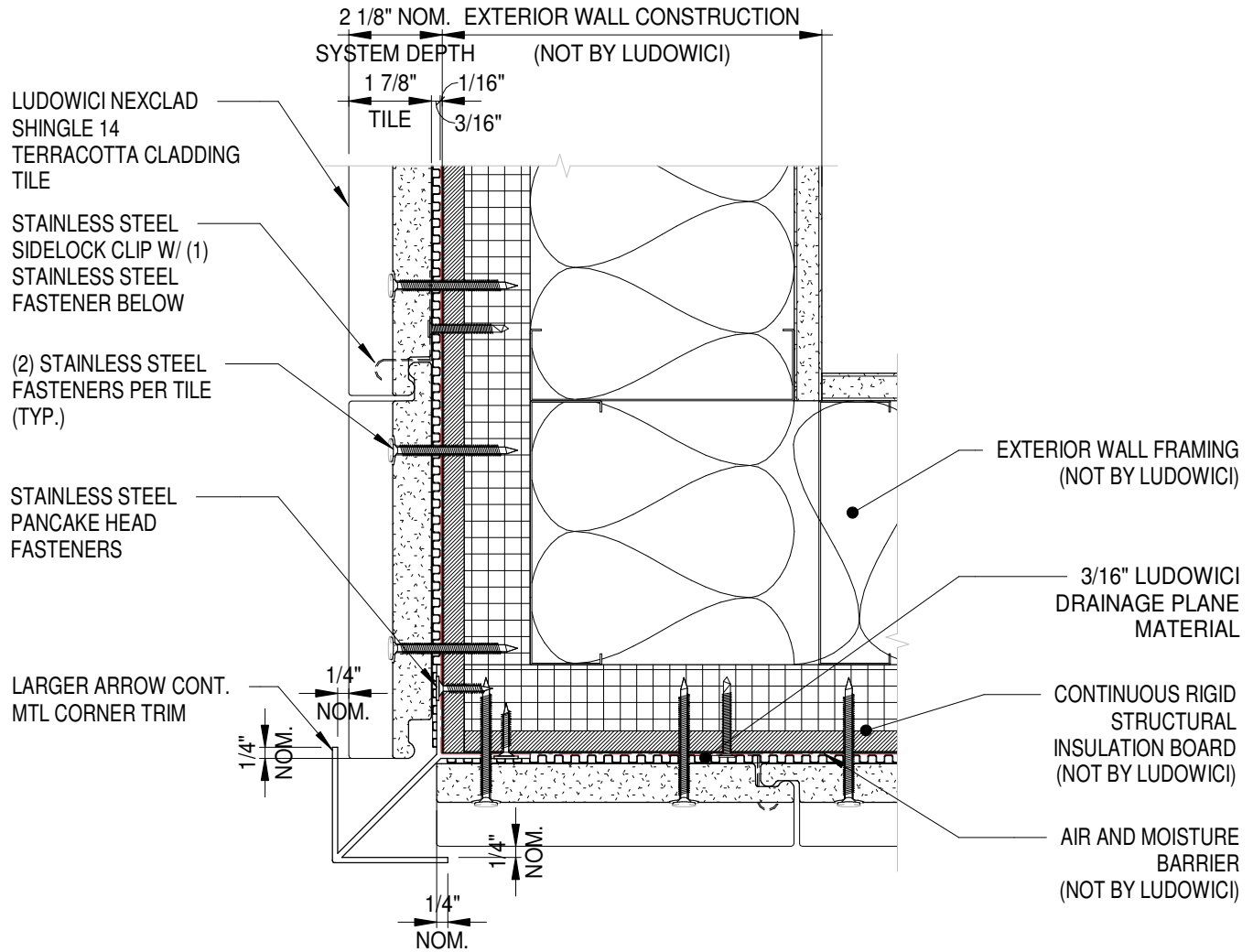


  
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SYSTEM:	NeXclad Shingle 14
DETAIL #:	5axo
Description: EXTERNAL CORNER PLAN DETAIL - GREATER ARROW MTL TRIM - AXO	
Building Construction:	Stud Wall Framing
Drawing Date:	04.23.2025
Scale:	
Ludowici Reference #:	NeXclad Shingle 14 5axo Designer

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**SYSTEM:** NeXclad Shingle 14  
**DETAIL #:** 5rb

Description: EXTERNAL CORNER PLAN DETAIL - GREATER ARROW TRIM W/CONT' RIGID STRUCTURAL INSULATION BOARD

Building Construction: Continuous Rigid Structural Insulation Board

Drawing Date: 04.23.2025

Scale: 3" = 1'-0"

Ludowici Reference #: NeXclad Shingle 14 5rb Designer

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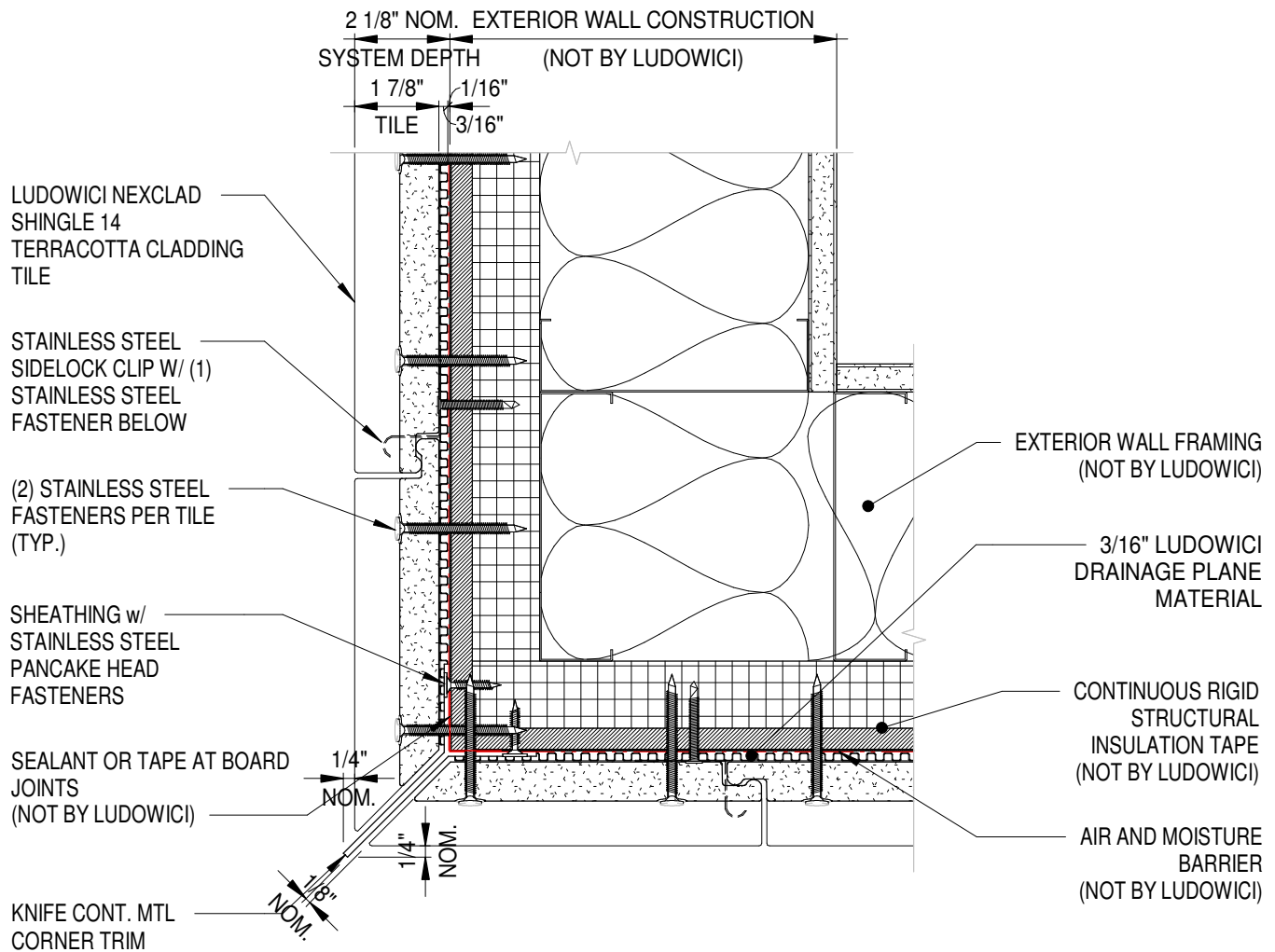


  
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SYSTEM:	NeXclad Shingle 14
DETAIL #:	7axo
Description: EXTERNAL CORNER PLAN DETAIL - KNIFE MTL CORNER TRIM - AXO	
Building Construction:	Stud Wall Framing
Drawing Date:	04.23.2025
Scale:	
Ludowici Reference #:	NeXclad Shingle 14 7axo Designer

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**SYSTEM:** NeXclad Shingle 14  
**DETAIL #:** 7rb

Description: EXTERNAL CORNER PLAN DETAIL - KNIFE MTL TRIM  
 W/CONTINUOUS RIGID STRUCTURAL INSULATION BOARD

Building Construction: Continuous Rigid Structural Insulation Board

Drawing Date: 04.23.2025

Scale: 3" = 1'-0"

Ludowici Reference #: NeXclad Shingle 14 7rb Designer

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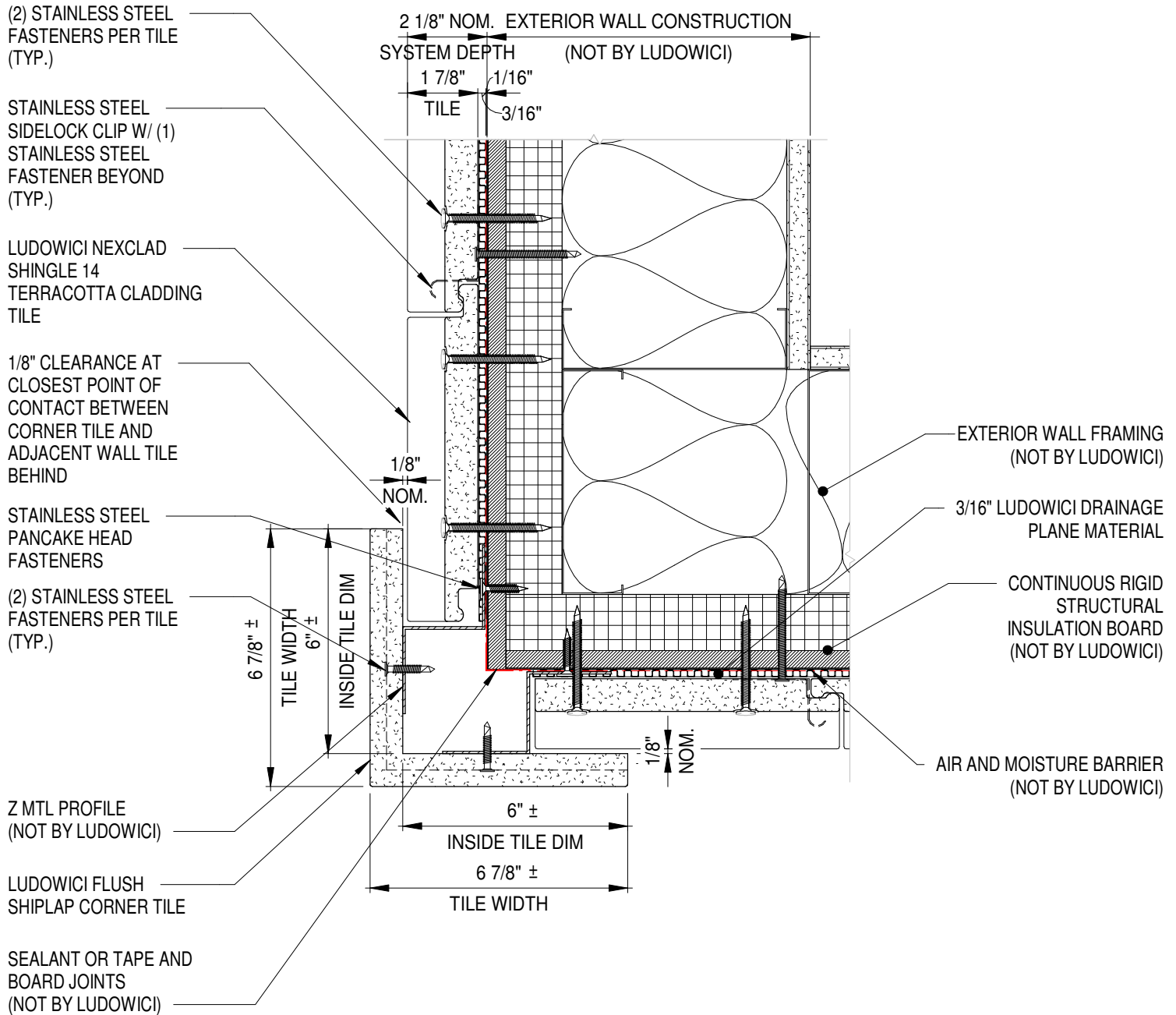


  
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SYSTEM:	NeXclad Shingle 14
DETAIL #:	9axo
Description: EXTERNAL CORNER - FLUSH SHIPLAP CORNER TILE - AXO	
Building Construction:	Stud Wall Framing
Drawing Date:	04.23.2025
Scale:	
Ludowici Reference #:	NeXclad Shingle 14 9axo Designer

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**SYSTEM:** NeXclad Shingle 14  
**DETAIL #:** 9rb

Description: EXTERNAL CORNER - FLUSH SHIPLAP CORNER TILE  
 W/CONTINUOUS RIGID STRUCTURAL INSULATION BOARD

Building Construction: Continuous Rigid Structural Insulation Board

Drawing Date: 04.23.2025

Scale: 3" = 1'-0"

Ludowici Reference #: NeXclad Shingle 14 9rb Designer

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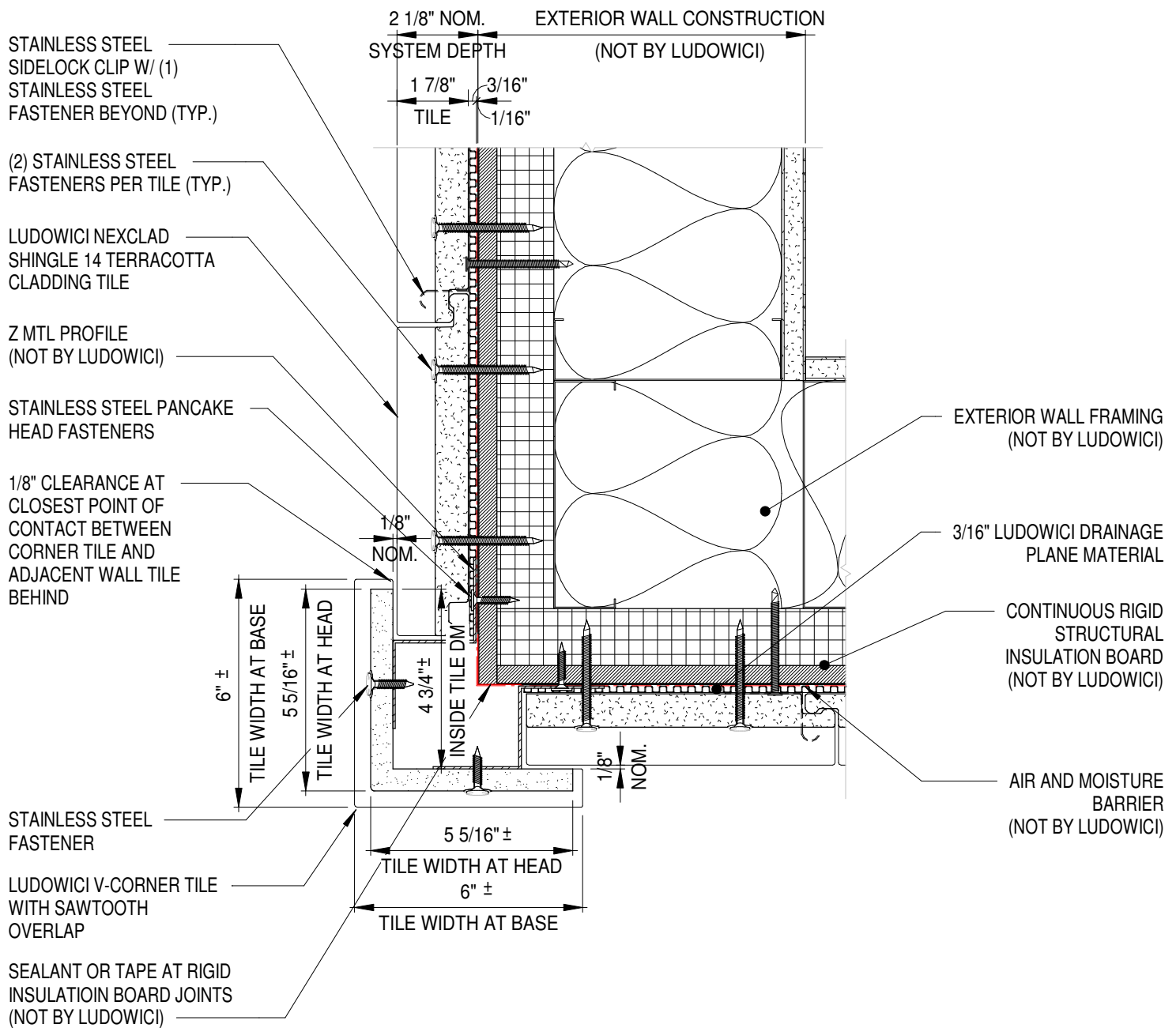


  
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SYSTEM:	NeXclad Shingle 14
DETAIL #:	10axo
Description: EXTERNAL CORNER - 'V' CORNER TILE - AXO	
Building Construction:	Stud Wall Framing
Drawing Date:	04.23.2025
Scale:	
Ludowici Reference #:	NeXclad Shingle 14 10axo Designer

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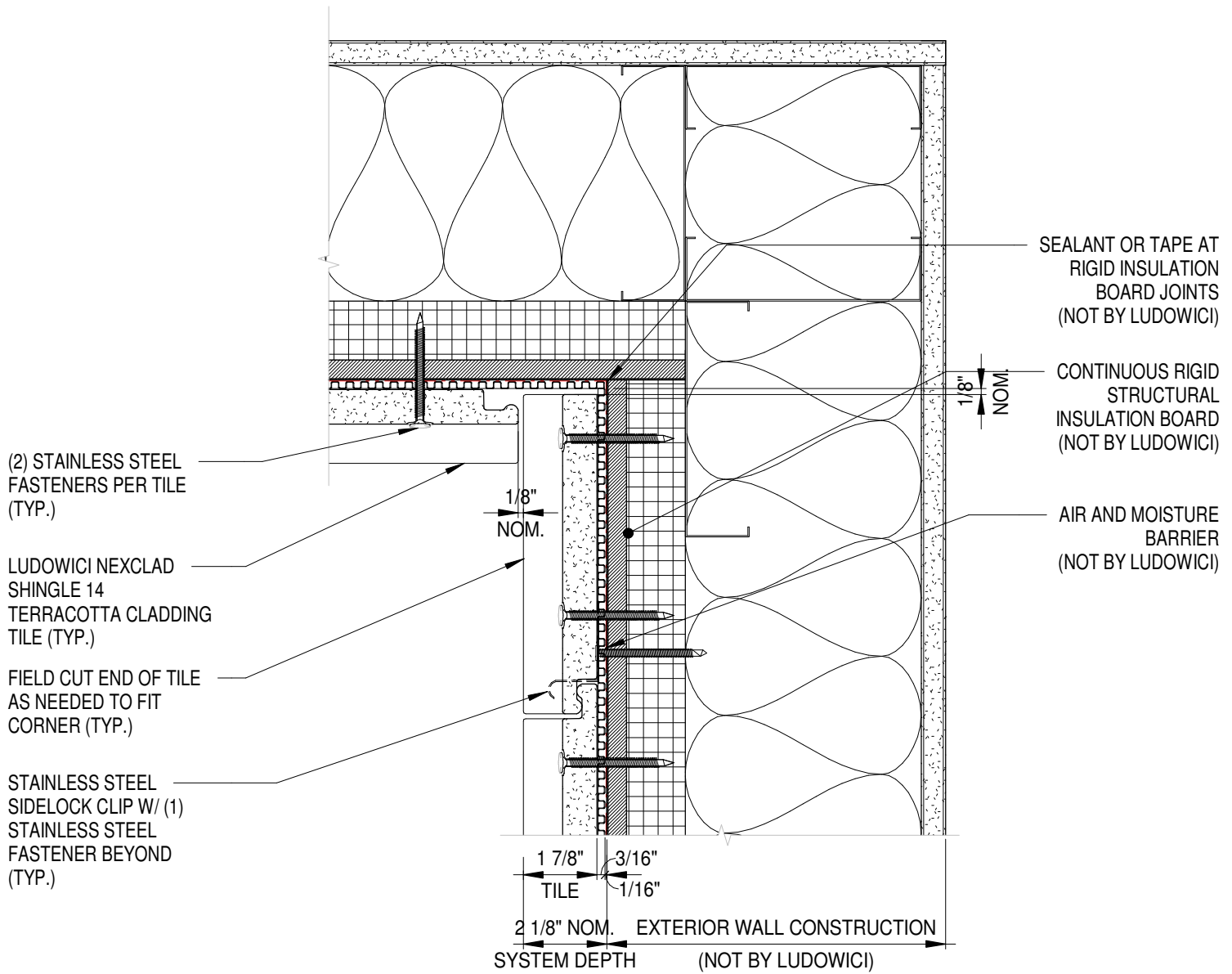
  
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SYSTEM:	NeXclad Shingle 14
DETAIL #:	10rb
Description:	EXTERNAL CORNER - 'V' CORNER TILE W/CONTINUOUS RIGID STRUCTURAL INSULATION BOARD
Building Construction:	Continuous Rigid Structural Insulation Board
Drawing Date:	04.23.2025
Scale:	3" = 1'-0"
Ludowici Reference #:	NeXclad Shingle 14 10rb Designer

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SYSTEM: NeXclad Shingle 14

DETAIL #: 11rb

Description: INTERNAL CORNER PLAN DETAIL W/CONTINUOUS RIGID STRUCTURAL INSULATION BOARD

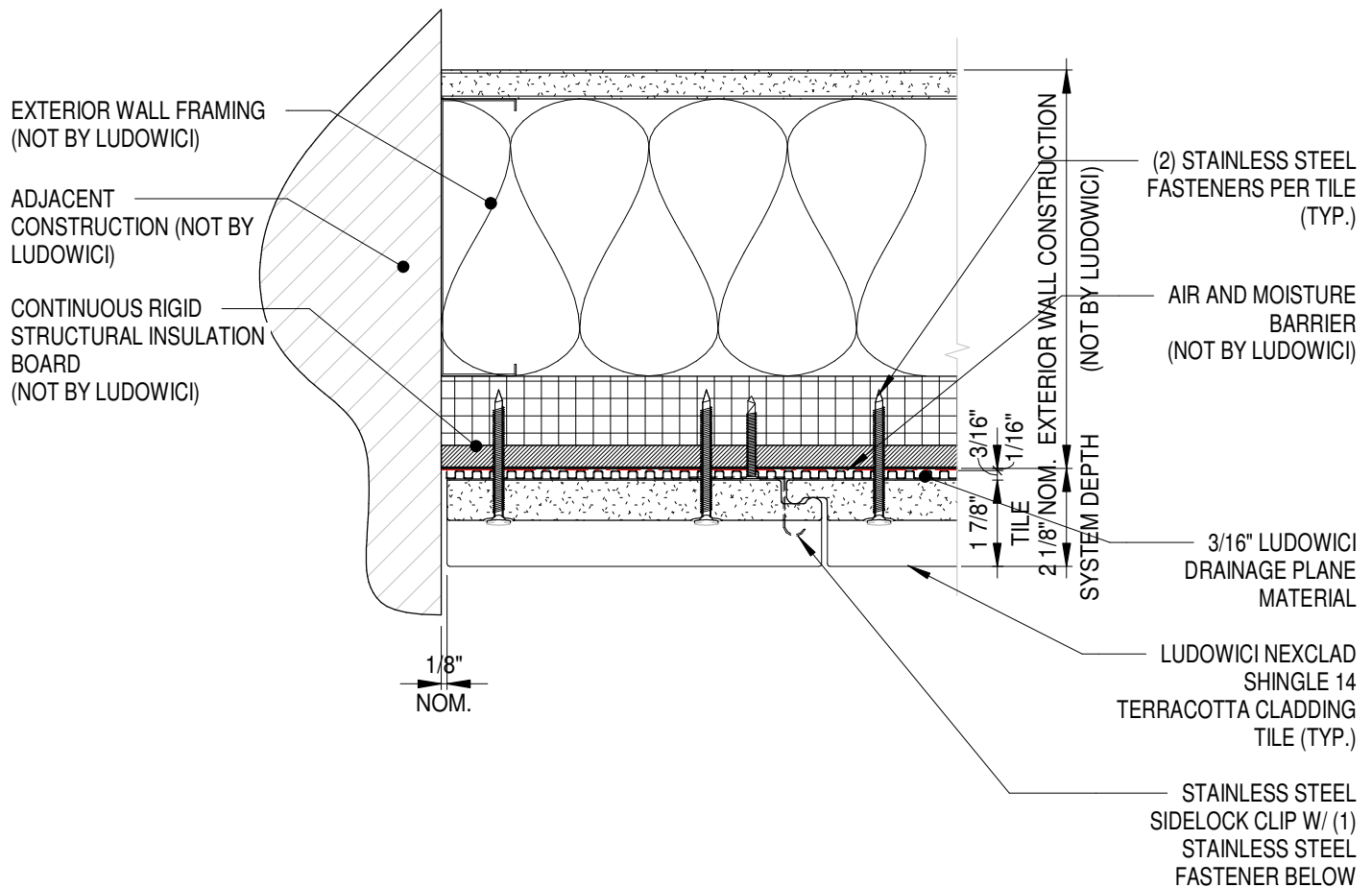
Building Construction: Continuous Rigid Structural Insulation Board

Drawing Date: 04.23.2025

Scale: 3" = 1'-0"

Ludowici Reference #: NeXclad Shingle 14 11rb Designer

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**SYSTEM:** NeXclad Shingle 14

**DETAIL #:** 12rb

Description: WALL TERMINATION PLAN DETAIL W/CONTINUOUS RIGID  
 STRUCTURAL INSULATION BOARD

Building Construction: Continuous Rigid Structural Insulation Board

Drawing Date: 04.23.2025

Scale: 3" = 1'-0"

Ludowici Reference #: NeXclad Shingle 14 12rb .

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LUDOWICI NEXCLAD  
SHINGLE 14 TERRACOTTA  
CLADDING TILE

(2) STAINLESS STEEL  
FASTENERS PER TILE  
(TYP.)

(2) 1" LONG DABS OF  
ADHESIVE

3/16" LUDOWICI  
DRAINAGE PLANE  
MATERIAL

AIR AND MOISTURE  
BARRIER  
(NOT BY LUDOWICI)

CONTINUOUS RIGID  
STRUCTURAL INSULATION  
BOARD  
(NOT BY LUDOWICI)

STAINLESS STEEL  
SIDELOCK CLIP W/ (1)  
STAINLESS STEEL  
FASTENER BEYOND (TYP.)

NOTE: EXPOSURE REQUIRED  
FOR FIRST COURSE COULD  
BE LESS THAN SHOWN  
DEPENDING ON DESIRED  
COURSING NEEDED ABOVE  
IN WALL LAYOUT/DESIGN

NEXCLAD 14 STARTER TILE. IN  
THE CASE OF FIELD CUT TILES OF  
SHORTER LENGTHS, STARTER  
TILES CAN BE CUT AND RE-  
POSITIONED TO RETAIN FIELD TILE  
ANGLE, (APPROX 5°). NON-  
COMBUSTIBLE ALTERNATIVES,  
SUCH AS METAL HATS OR Z  
PURLINS, APPROPRIATELY SIZED  
ARE ALSO ACCEPTABLE, AND  
NECESSARY IN CASES WITH TILES  
CUT TO AN EXPOSURE LESS THAN  
APPROX 7"  
(NOT BY LUDOWICI)

CONT. FLASHING WITH  
POSITIVE SLOPE DRAINAGE  
AWAY FROM INSIDE OF THE  
BUILDING (NOT BY  
LUDOWICI)

2 1/8" NOM. EXTERIOR WALL CONSTRUCTION  
SYSTEM DEPTH (NOT BY LUDOWICI)

1 7/8" 3/16"  
TILE 1/16"

3" ±  
HEADLAP

TILE EXPOSURE

1/2"  
NOM.

EXTERIOR WALL FRAMING  
(NOT BY LUDOWICI)

ADJACENT  
CONSTRUCTION (NOT  
BY LUDOWICI)

  
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SYSTEM: NeXclad Shingle 14

DETAIL #: 13rb

Description: BASE OF WALL SECTION DETAIL W/CONTINUOUS RIGID  
STRUCTURAL INSULATION BOARD

Building Construction: Continuous Rigid Structural Insulation Board

Drawing Date: 04.23.2025

Scale: 3" = 1'-0"

Ludowici Reference #: NeXclad Shingle 14 13rb Designer

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CONT. BACKER ROD AND  
SEALANT (NOT BY  
LUDOWICI)

SILL FLASHING  
(NOT BY LUDOWICI)  
FLASHING SHOULD EXTENDN  
DOWN A MINIMUM OF 3" BELOW  
TOP OF TILE TO CONCEAL  
FASTENERS

SELF-ADHERED  
MEMBRANE  
(NOT BY LUDOWICI)

SEALANT OR TAPE AT RIGID  
INSULATION BOARD  
(NOT BY LUDOWICI)

FLEXIBLE SELF-  
ADHERING FLASHING  
(NOT BY LUDOWICI)

(2) STAINLESS STEEL  
FASTENERS PER TILE  
(TYP.)

AIR AND MOISTURE  
BARRIER (NOT BY  
LUDOWICI)

3/16" LUDOWICI  
DRAINAGE PLANE  
MATERIAL (NOT BY  
LUDOWICI)

LUDOWICI NEXCLAD  
SHINGLE 14 TERRACOTTA  
CLADDING TILE

WINDOW UNIT (NOT BY  
LUDOWICI)

EXTERIOR WALL FRAMING  
(NOT BY LUDOWICI)

CONTINUOUS RIGID STRUCTURAL  
INSULATION BOARD  
(NOT BY LUDOWICI)

2 1/8" NOM. EXTERIOR WALL CONSTRUCTION  
SYSTEM DEPTH (NOT BY LUDOWICI)



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SYSTEM: NeXclad Shingle 14

DETAIL #: 14rb

Description: WINDOW SILL SECTION W/CONTINUOUS RIGID  
STRUCTURAL INSULATION BOARD

Building Construction: Continuous Rigid Structural Insulation Board

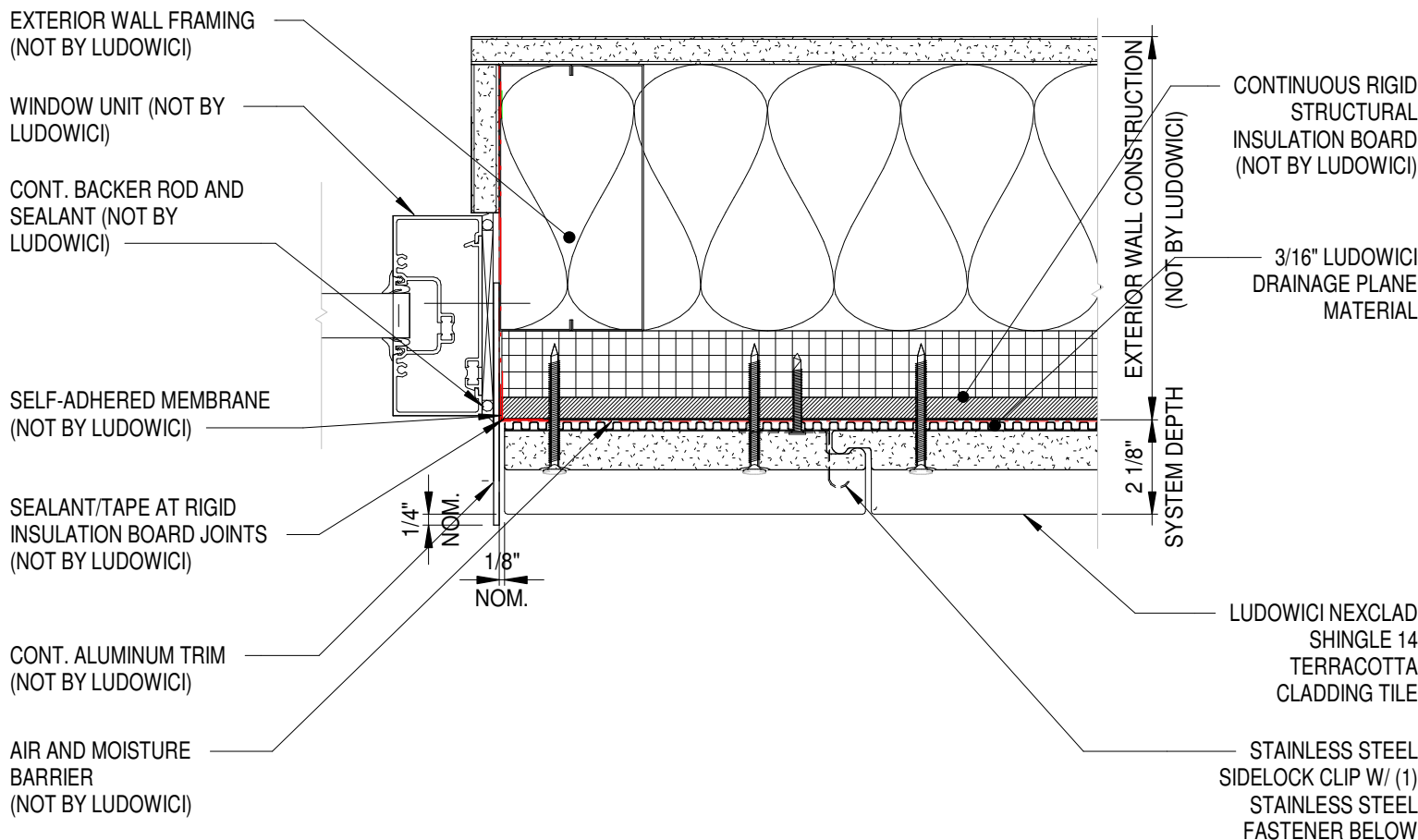
Drawing Date: 04.23.2025

Scale: 3" = 1'-0"

Ludowici Reference #: NeXclad Shingle 14 14rb Designer

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**SYSTEM:** NeXclad Shingle 14  
**DETAIL #:** 15rb

Description: WINDOW JAMB PLAN DETAIL - METAL TRIM  
 W/CONTINUOUS RIGID STRUCTURAL INSULATION BOARD

Building Construction: Continuous Rigid Structural Insulation Board

Drawing Date: 04.23.2025

Scale: 3" = 1'-0"

Ludowici Reference #: NeXclad Shingle 14 15rb Designer

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(2) STAINLESS STEEL  
FASTENERS PER TILE  
(TYP.)

(2) 1" LONG DABS OF  
ADHESIVE

CONTINUOUS RIGID  
STRUCTURAL  
INSULATION BOARD  
(NOT BY LUDOWICI)

AIR AND MOISTURE  
BARRIER  
(NOT BY LUDOWICI)

LUDOWICI DRAINAGE  
PLANE MATERIAL

LUDOWICI NEXCLAD  
SHINGLE 14 TERRACOTTA  
CLADDING TILE

NEXCLAD 14 STARTER TILE.  
IN THE CASE OF FIELD CUT  
TILES OF SHORTER LENGTHS,  
STARTER TILES CAN BE CUT  
AND RE-POSITIONED TO  
RETAIN FIELD TILE ANGLE,  
(APPROX 5°). NON-  
COMBUSTIBLE  
ALTERNATIVES, SUCH AS  
METAL HATS OR Z PURLINS,  
APPROPRIATELY SIZED ARE  
ALSO ACCEPTABLE, AND  
NECESSARY IN CASES WITH  
TILES CUT TO AN EXPOSURE  
LESS THAN APPROX 7"  
(NOT BY LUDOWICI)

CONT. FLASHING WITH  
POSITIVE SLOPE  
DRAINAGE AWAY FROM  
INSIDE OF THE BUILDING  
(NOT BY LUDOWICI)

SELF-ADHERED MEMBRANE  
(NOT BY LUDOWICI)

SEALANT/TAPE AT RIGID  
BOARD JOINTS  
(NOT BY LUDOWICI)

2 1/8" NOM. EXTERIOR WALL CONSTRUCTION  
SYSTEM DEPTH (NOT BY LUDOWICI)  
1 7/8" TILE 3/16" 1/16"

3" ±  
HEADLAP

11" ±  
TILE EXPOSURE

1/2"  
NOM.

EXTERIOR WALL FRAMING  
(NOT BY LUDOWICI)

WINDOW UNIT (NOT BY  
LUDOWICI)

CONT. BACKER ROD AND  
SEALANT (NOT BY  
LUDOWICI)

CONT. ALUMINUM  
EXTRUSION TRIM (NOT BY  
LUDOWICI)

  
**LUDOWICI®**  
*Trusted. Timeless. Terra Cotta.*

4757 Tile Plant Road  
New Lexington, Ohio 43764  
Telephone: (800) 945-8453 Fax: (740) 342-0025  
[www.ludowici.com](http://www.ludowici.com)

SYSTEM: NeXclad Shingle 14

DETAIL #: 16rb

Description: WINDOW HEAD SECTION W/CONTINUOUS RIGID  
STRUCTURAL INSULATION BOARD

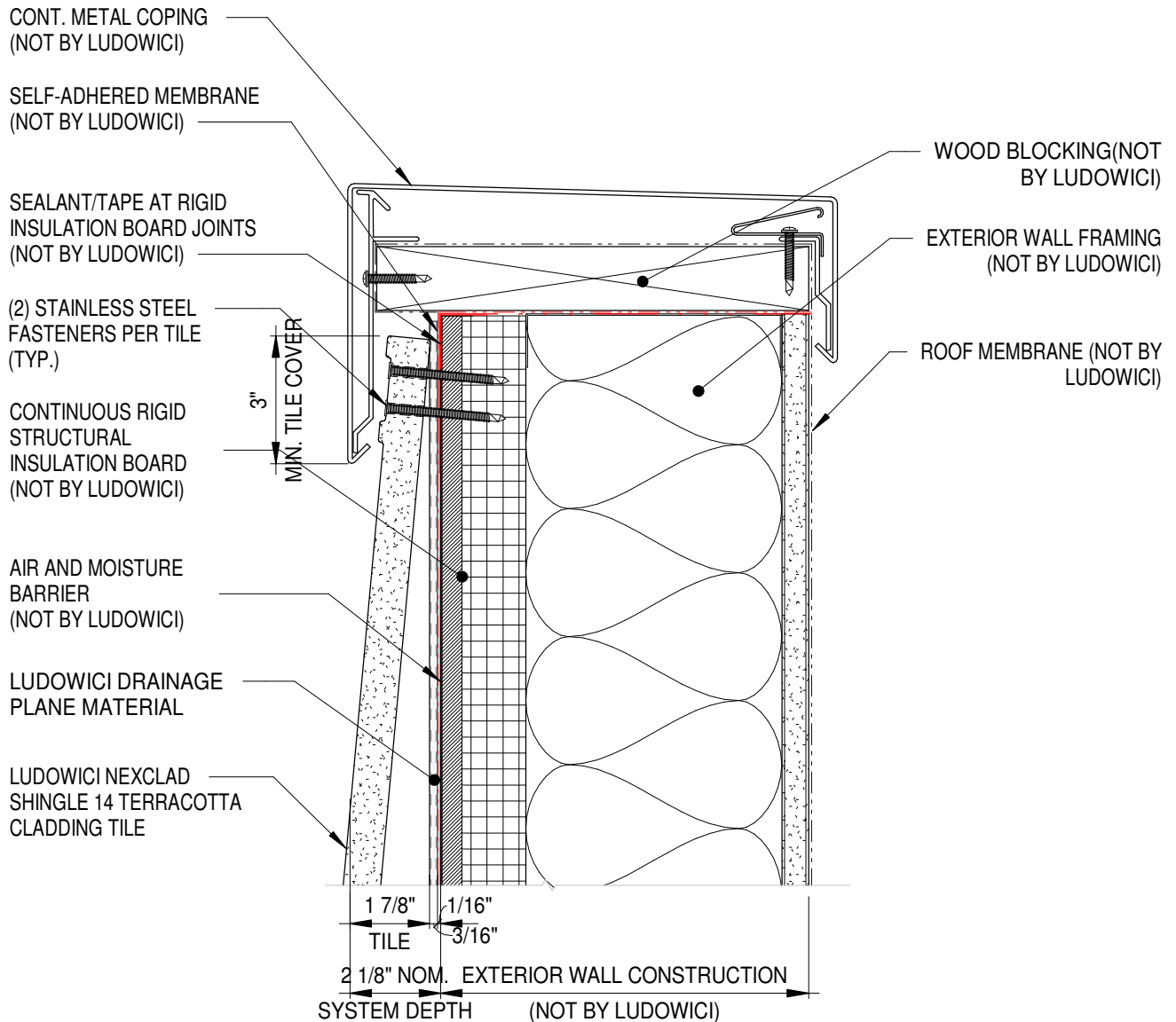
Building Construction: Continuous Rigid Structural Insulation Board

Drawing Date: 04.23.2025

Scale: 3" = 1'-0"

Ludowici Reference #: NeXclad Shingle 14 16rb Designer

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SYSTEM: NeXclad Shingle 14

DETAIL #: 17rb

Description: PARAPET COPING SECTION W/CONTINUOUS RIGID STRUCTURAL INSULATION BOARD

Building Construction: Continuous Rigid Structural Insulation Board

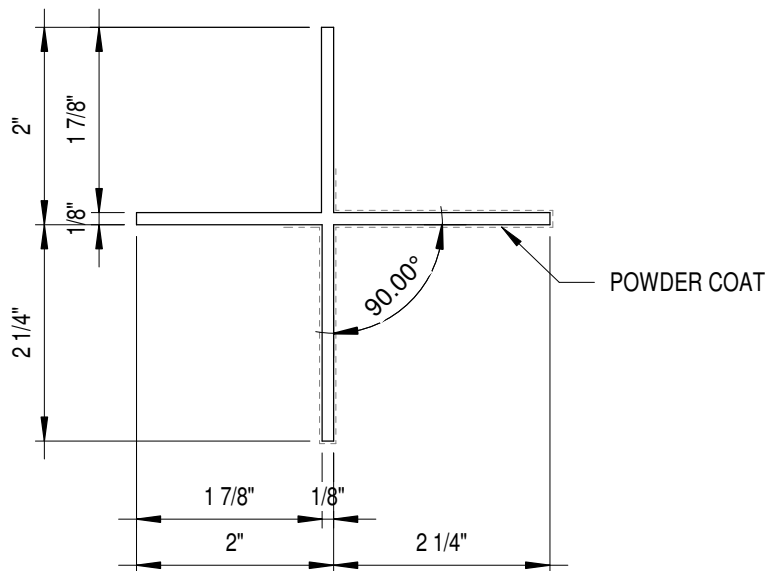
Drawing Date: 04.23.2025

Scale: 3" = 1'-0"

Ludowici Reference #: NeXclad Shingle 14 17rb Designer

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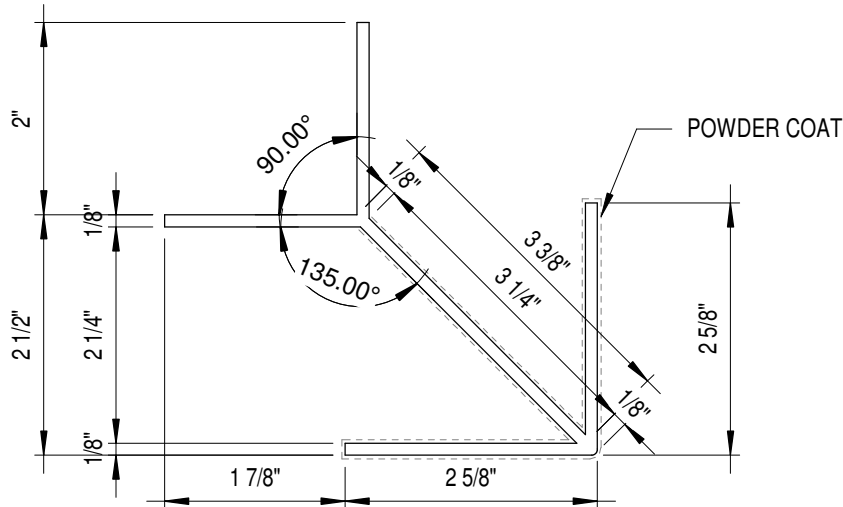




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SYSTEM:	NEXCLAD 14 & 16
DETAIL #:	20.1
Description:	RE-ENTRANT TRIM - FABRICATION DIMENSIONS
Building Construction:	
Drawing Date:	09/03/24
Scale:	6" = 1'-0"
Ludowici Reference #:	NeXclad Shingle 16 20.1 Designer

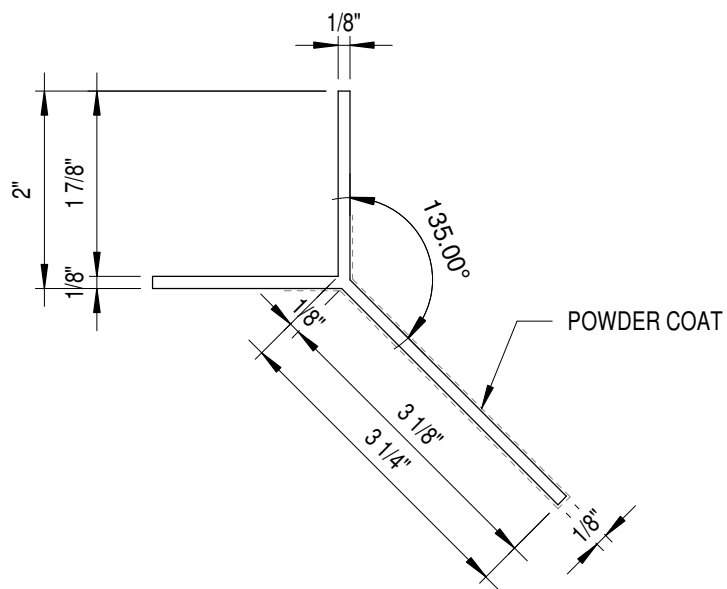
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SYSTEM:	NEXCLAD 14 & 16
DETAIL #:	20.2
Description:	GREATER ARROW TRIM - FABRICATION DIMENSIONS
Building Construction:	
Drawing Date:	09/03/24
Scale:	6" = 1'-0"
Ludowici Reference #:	NeXclad Shingle 16 20.2 Designer

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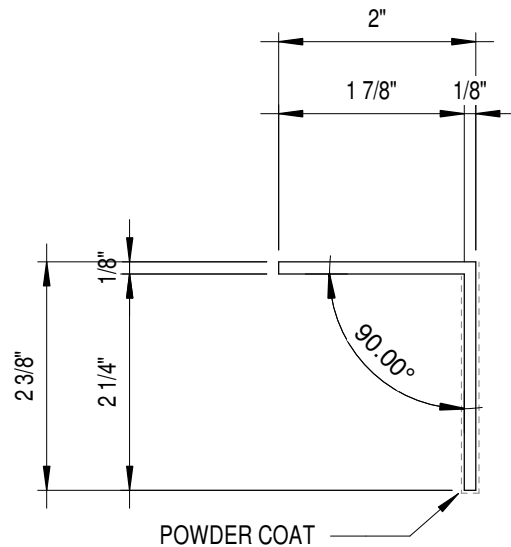


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SYSTEM:	NEXCLAD 14 & 16
DETAIL #:	20.3
Description: KNIFE TRIM - FABRICATION DIMENSIONS	
Building Construction:	
Drawing Date:	09/03/24
Scale:	6" = 1'-0"
Ludowici Reference #:	NeXclad Shingle 16 20.3 Designer

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SYSTEM:	NEXCLAD 14 & 16
DETAIL #:	20.4
Description: L TRIM - FABRICATION DIMENSIONS	
Building Construction:	
Drawing Date:	09/03/24
Scale:	6" = 1'-0"
Ludowici Reference #:	NeXclad Shingle 16 20.4 Designer

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