

NEXCLAD 16

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




LUDOWICI®

PROTOTYPICAL DETAILS
KEY

P A G E O N E O F T W O



PROTOTYPICAL DETAILS
KEY

PAGE TWO OF TWO




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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)

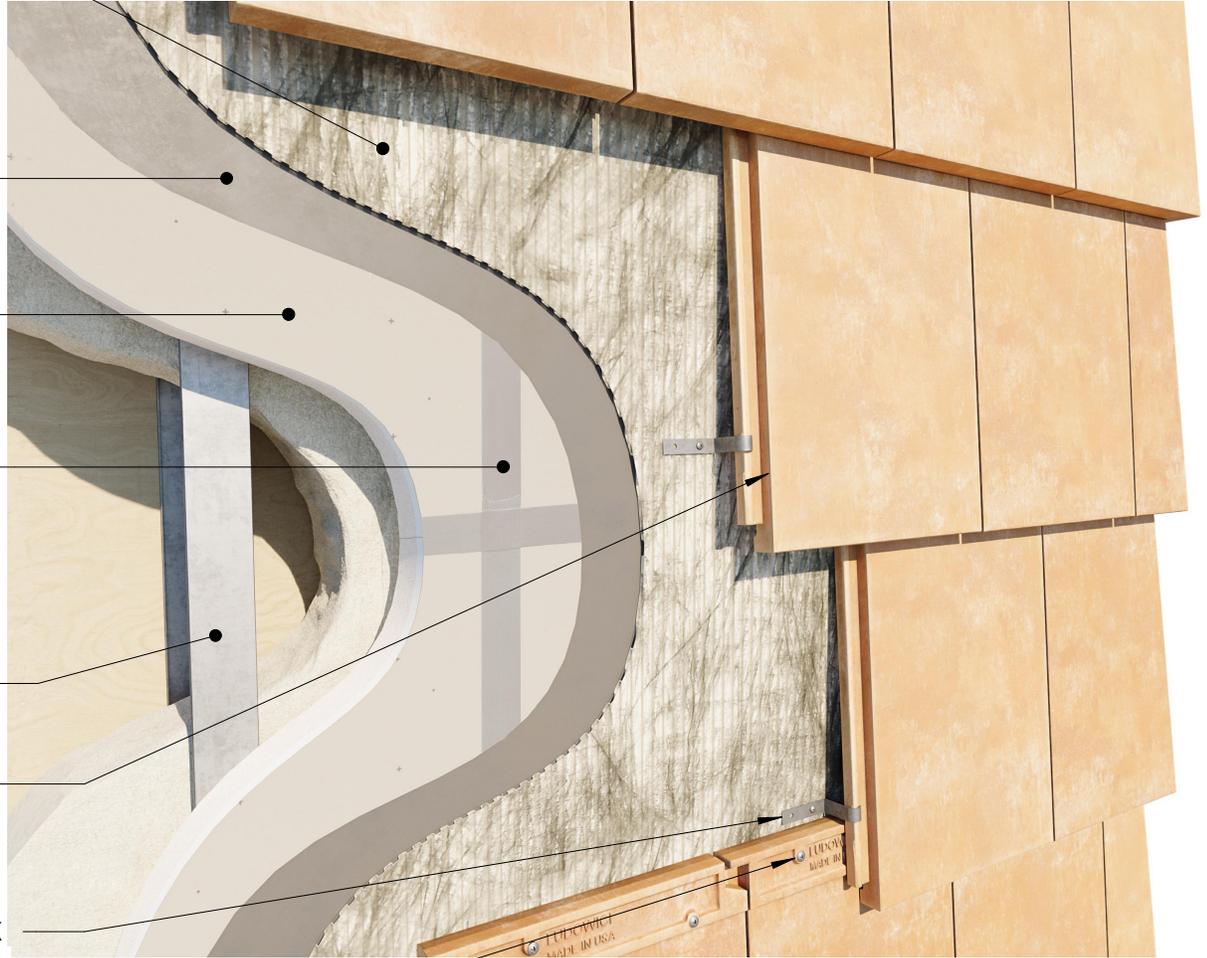
CONT' RIGID INSULATION BOARD TAPE AT JOINTS - IF SPECIFIED BY MANUFACTURER (NOT BY LUDOWICI)

EXTERIOR WALL FRAMING (NOT BY LUDOWICI)

LUDOWICI NEXCLAD SHINGLE 16 TERRACOTTA CLADDING FIELD TILE (TYP.)

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

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

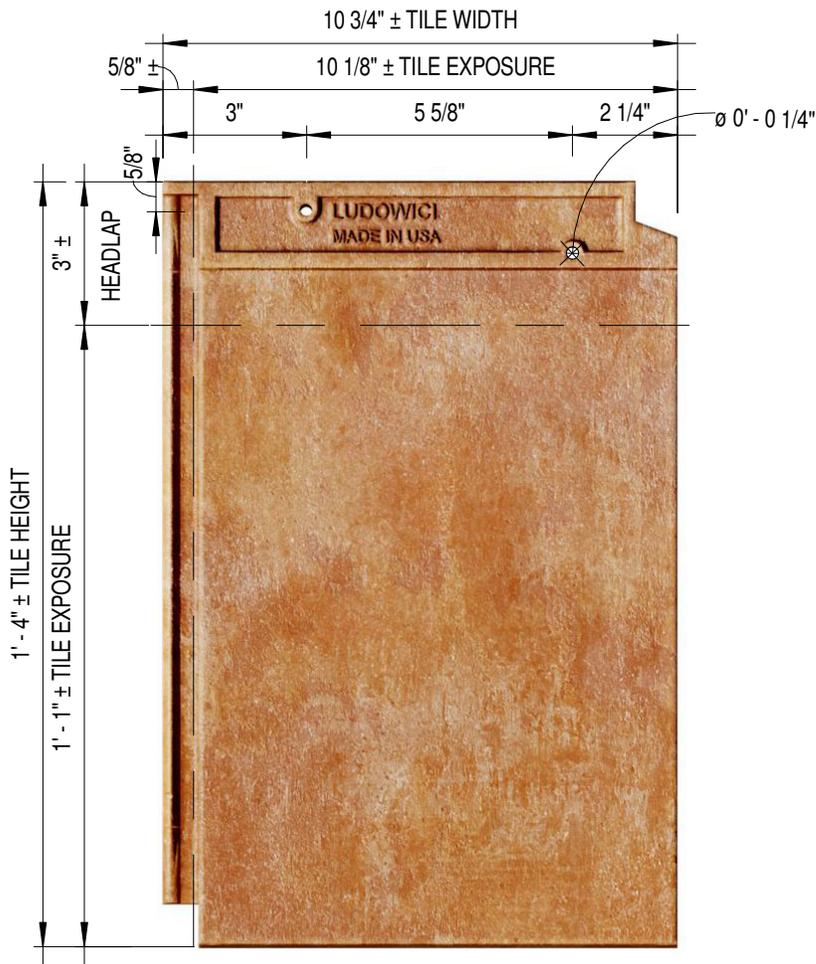


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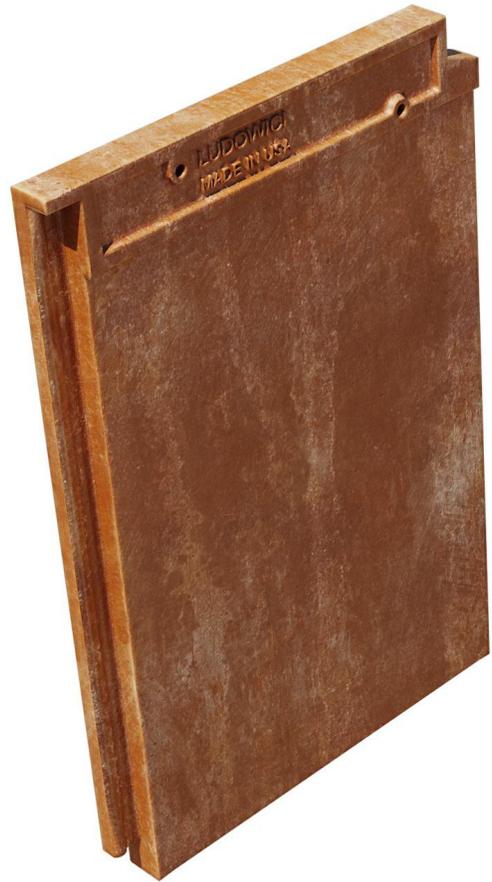
SYSTEM:	NeXclad Shingle 16
DETAIL #:	0.3rb
Description:	SYSTEM COMPONENTS ISO W/CONTINUOUS RIGID STRUCTURAL INSULATION BOARD
Building Construction:	Continuous Rigid Structural Insulation Board
Drawing Date:	04.23.2025
Scale:	3" = 1'-0"
Ludowici Reference #:	NeXclad Shingle 16 0.3rb .

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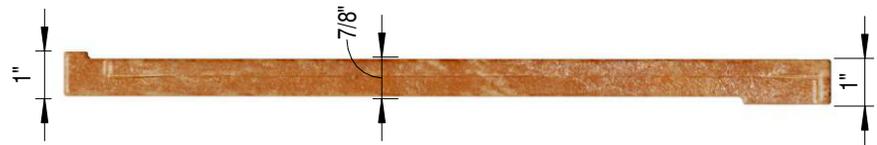
FRONT



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 16

DETAIL #: 0.4

Description: NEXCLAD 16 FILED TILE DIMENTIONS

Building Construction:

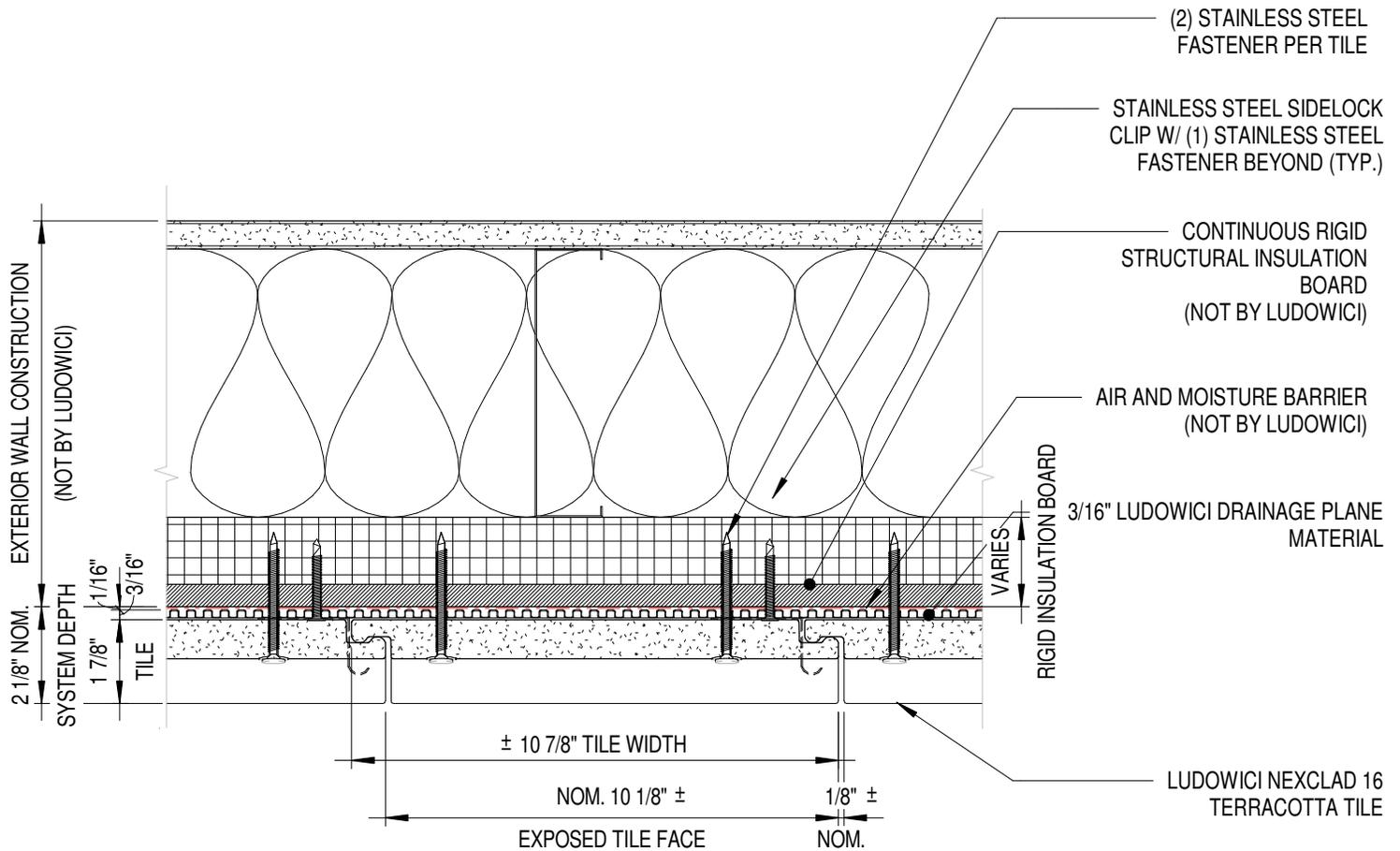
Drawing Date: 04.23.2025

Scale: 3" = 1'-0"

Ludowici Reference #: NeXclad Shingle 16 0.4 .

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SYSTEM: NeXclad Shingle 16

DETAIL #: 1rb

Description: TYPICAL INSTALLATION PLAN DETAIL W/CONTINUOUS RIGID STRUCTURAL INSULATION BOARD

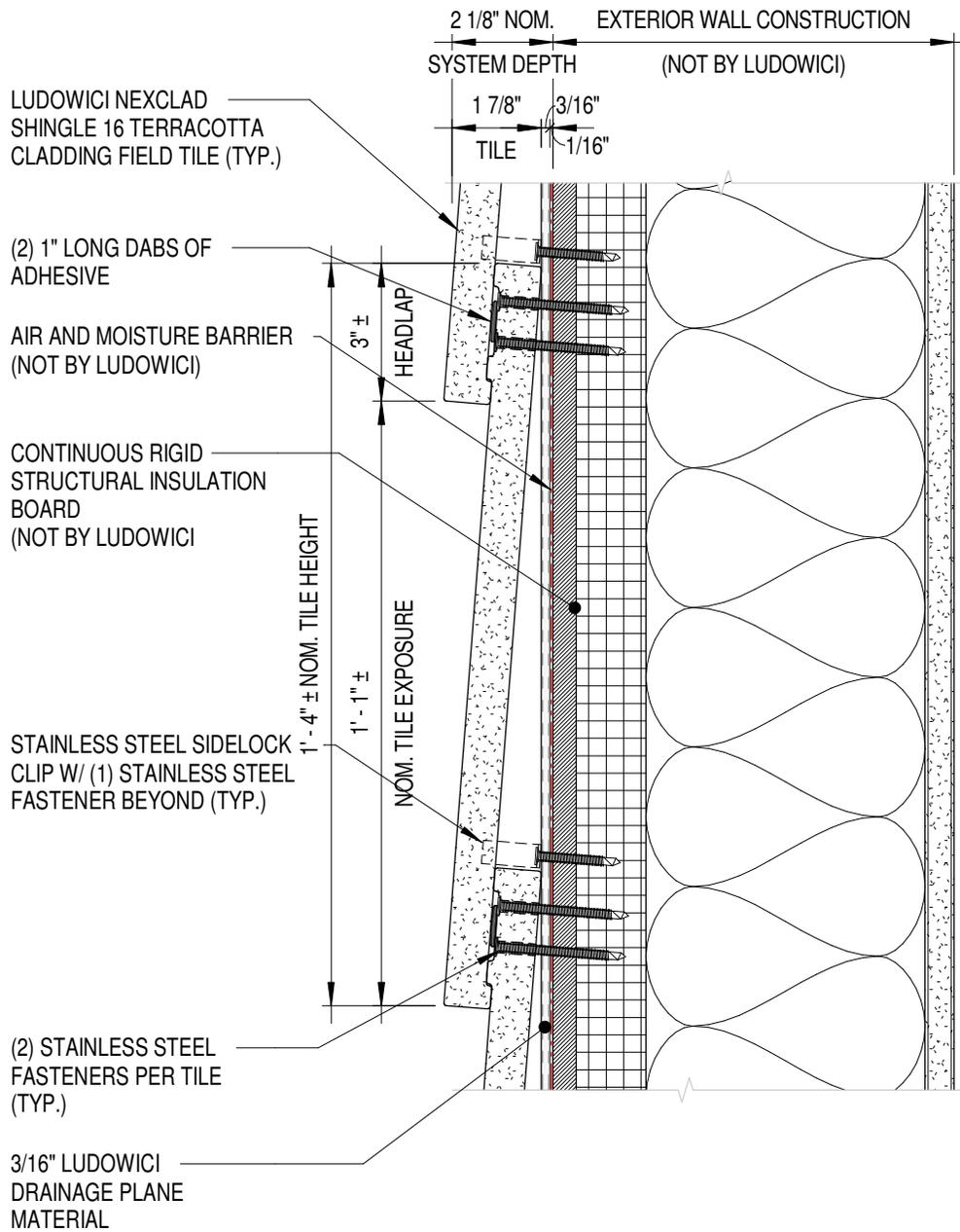
Building Construction: Continuous Rigid Structural Insulation Board

Drawing Date: 04.23.2025

Scale: 3" = 1'-0"

Ludowici Reference #: NeXclad Shingle 16 1rb .

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SYSTEM: NeXclad Shingle 16

DETAIL #: 2rb

Description: TYPICAL INSTALLATION SECTION DETAIL W/RIGID INSULATION BOARD

Building Construction: Continuous Rigid Structural Insulation Board

Drawing Date: 04.23.2025

Scale: 3" = 1'-0"

Ludowici Reference #: NeXclad Shingle 16 2rb.

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SYSTEM: NeXclad Shingle 16

DETAIL #: 3axo

Description: EXTERNAL CORNER PLAN DETAIL - TWO-PIECE CORNER TILE AXONOMETRIC

Building Construction: Stud Wall Framing

Drawing Date: 04.23.2025

Scale:

Ludowici Reference #: NeXclad Shingle 16 3axo .

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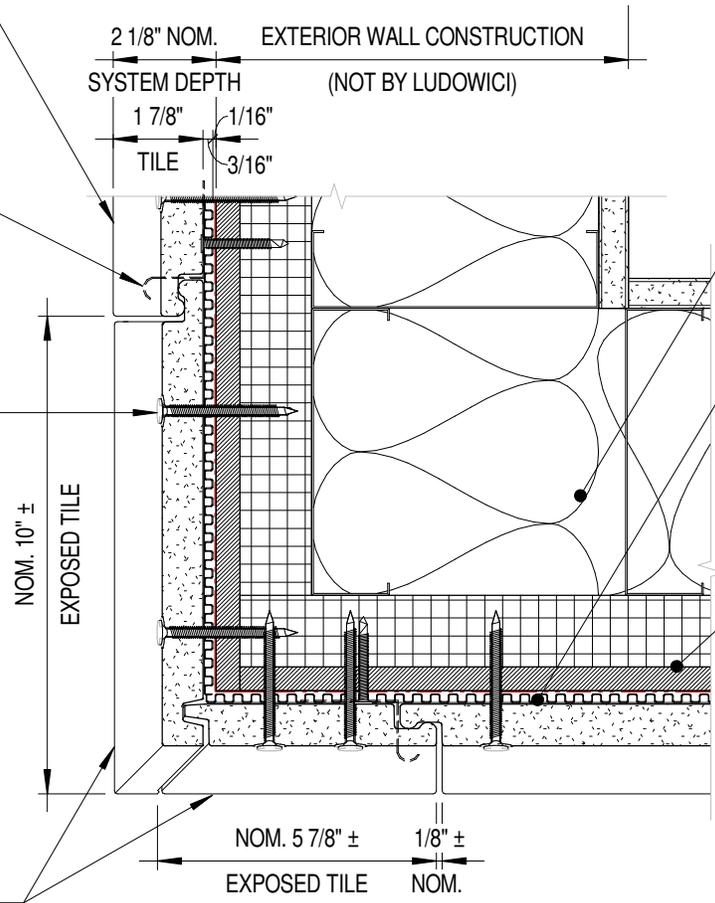
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LUDOWICI NEXCLAD SHINGLE 16 TERRACOTTA CLADDING FIELD TILE (TYP.)

STAINLESS STEEL SIDELOCK CLIP W/ (1) STAINLESS STEEL FASTENER BELOW

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

LUDOWICI NEXCLAD SHINGLE 16 TWO-PIECE CORNER ACCESSORY TILES



EXTERIOR WALL FRAMING (NOT BY LUDOWICI)

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

RIGID CONT' BOARD CONTINUOUS RIGID STRUCTURAL INSULATION BOARD (NOT BY LUDOWICI)



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SYSTEM:	NeXclad Shingle 16
DETAIL #:	3rb
Description:	EXTERNAL CORNER - TWO-PIECE TILE 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 16 3rb .

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SYSTEM: NeXclad Shingle 16

DETAIL #: 4axo

Description: EXTERNAL CORNER - RE-ENTRANT MTL TRIM - AXONOMETRIC

Building Construction: Stud Wall Framing

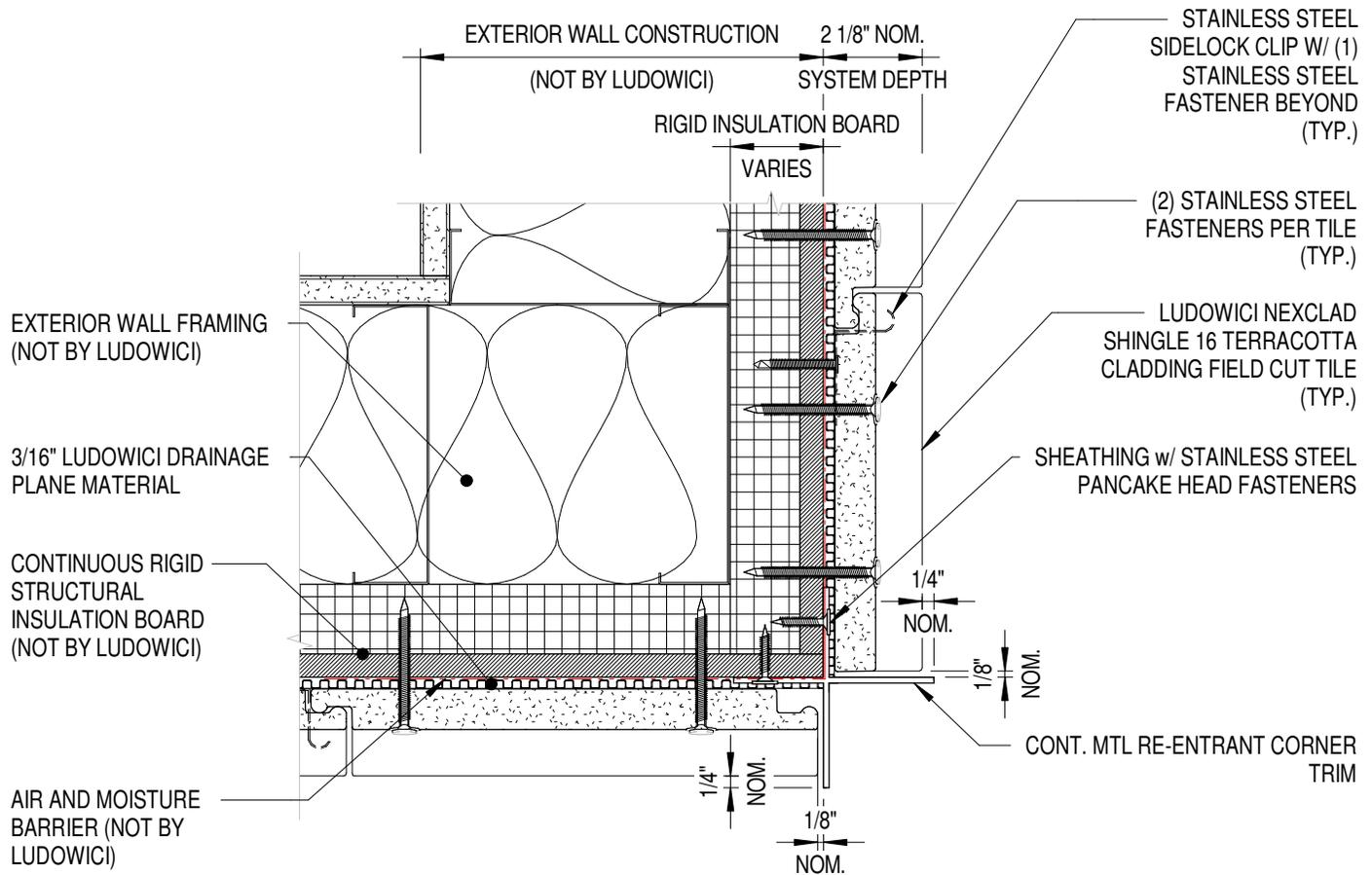
Drawing Date: 04.23.2025

Scale:

Ludowici Reference #: NeXclad Shingle 16 4axo Designer

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SYSTEM:	NeXclad Shingle 16
DETAIL #:	4rb
Description: EXTERNAL CORNER - RE-ENTRANT MTL 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 16 4rb Designer

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SYSTEM: NeXclad Shingle 16

DETAIL #: 5axo

Description: EXTERNAL CORNER - GREATER ARROW MTL CORNER TRIM - AXONOMETRIC

Building Construction: Stud Wall Framing

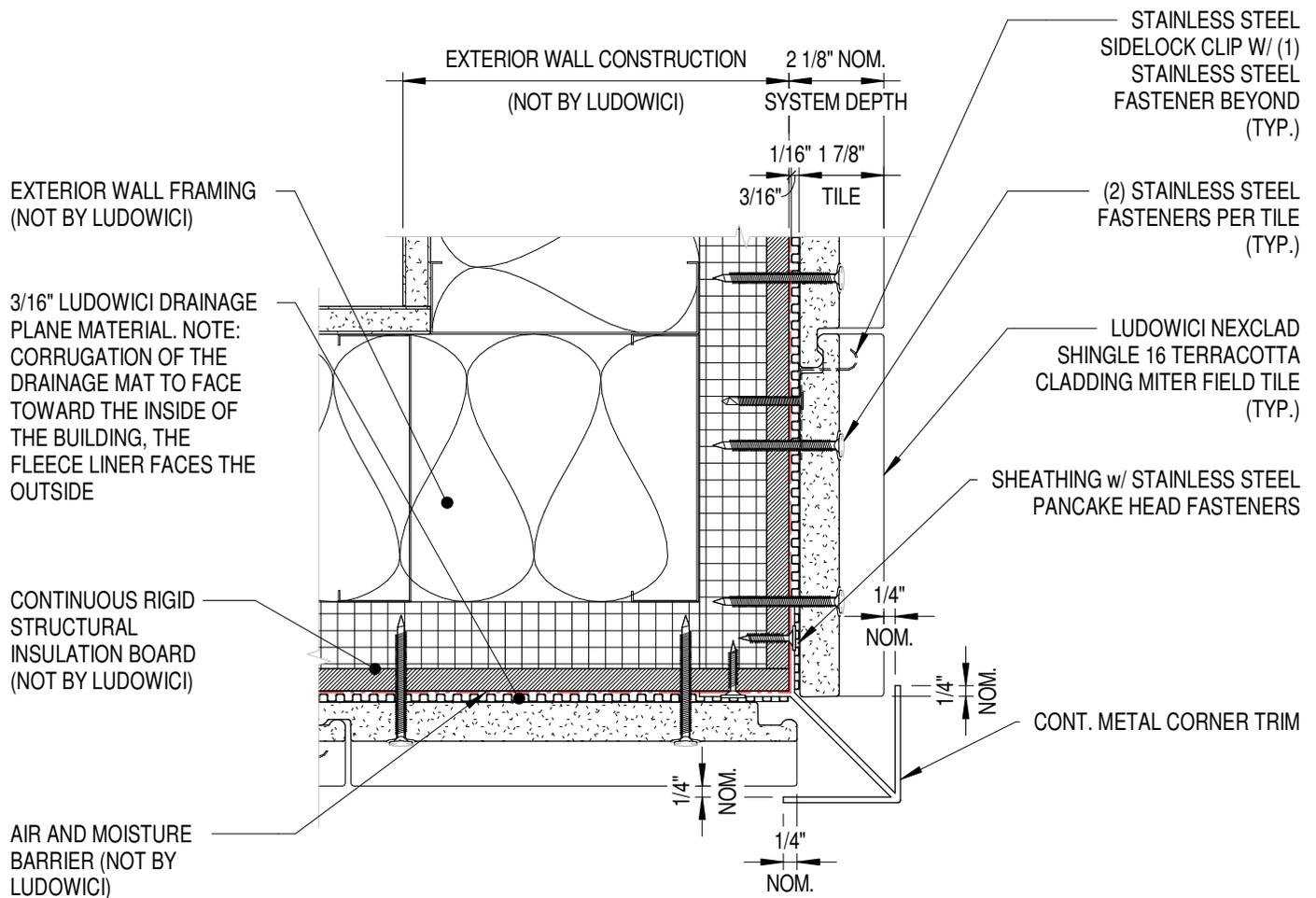
Drawing Date: 04.23.2025

Scale:

Ludowici Reference #: NeXclad Shingle 16 5axo Designer

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SYSTEM: NeXclad Shingle 16

DETAIL #: 5rb

Description: EXTERNAL CORNER - GREATER ARROW MTL TRIM W/RIGID INSULATION BOARD

Building Construction: Continuous Rigid Structural Insulation Board

Drawing Date: 04.23.2025

Scale: 3" = 1'-0"

Ludowici Reference #: NeXclad Shingle 16 5rb Designer

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SYSTEM: NeXclad Shingle 16

DETAIL #: 7axo

Description: EXTERNAL CORNER - MTL KNIFE CORNER TRIM - AXONOMETRIC

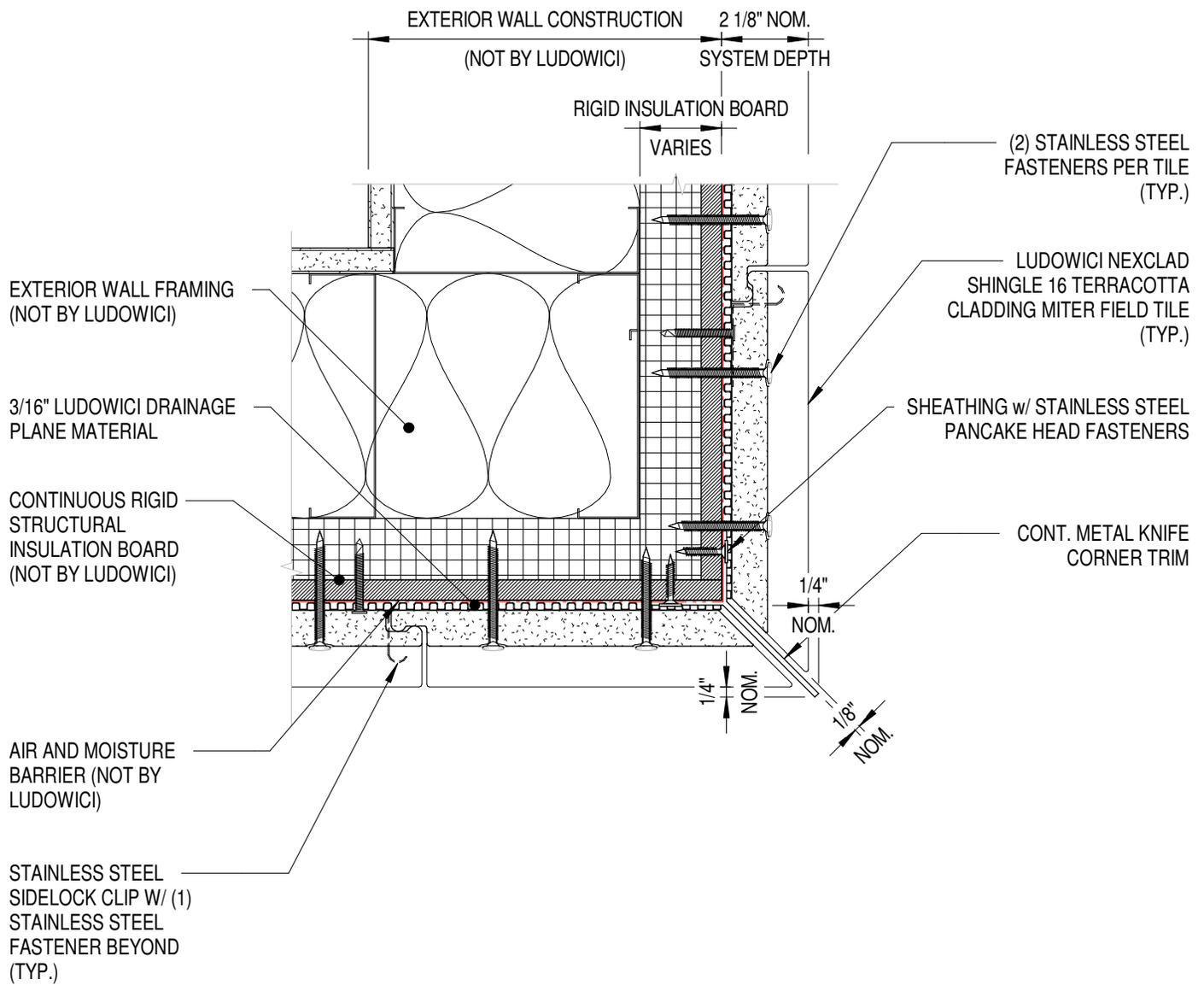
Building Construction: Stud Wall Framing

Drawing Date: 04.23.2025

Scale:

Ludowici Reference #: NeXclad Shingle 16 7axo Designer

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SYSTEM:	NeXclad Shingle 16
DETAIL #:	7rb
Description: EXTERNAL CORNER - MTL KNIFE TRIM W/RIGID INSULATION BOARD	
Building Construction:	Continuous Rigid Structural Insulation Board
Drawing Date:	04.23.2025
Scale:	3" = 1'-0"
Ludowici Reference #:	NeXclad Shingle 16 7rb Designer

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SYSTEM: NeXclad Shingle 16

DETAIL #: 9axo

Description: EXTERNAL CORNER - SIDING TILE WITH FLUSH OVERLAP - AXONOMETRIC

Building Construction: Stud Wall Framing

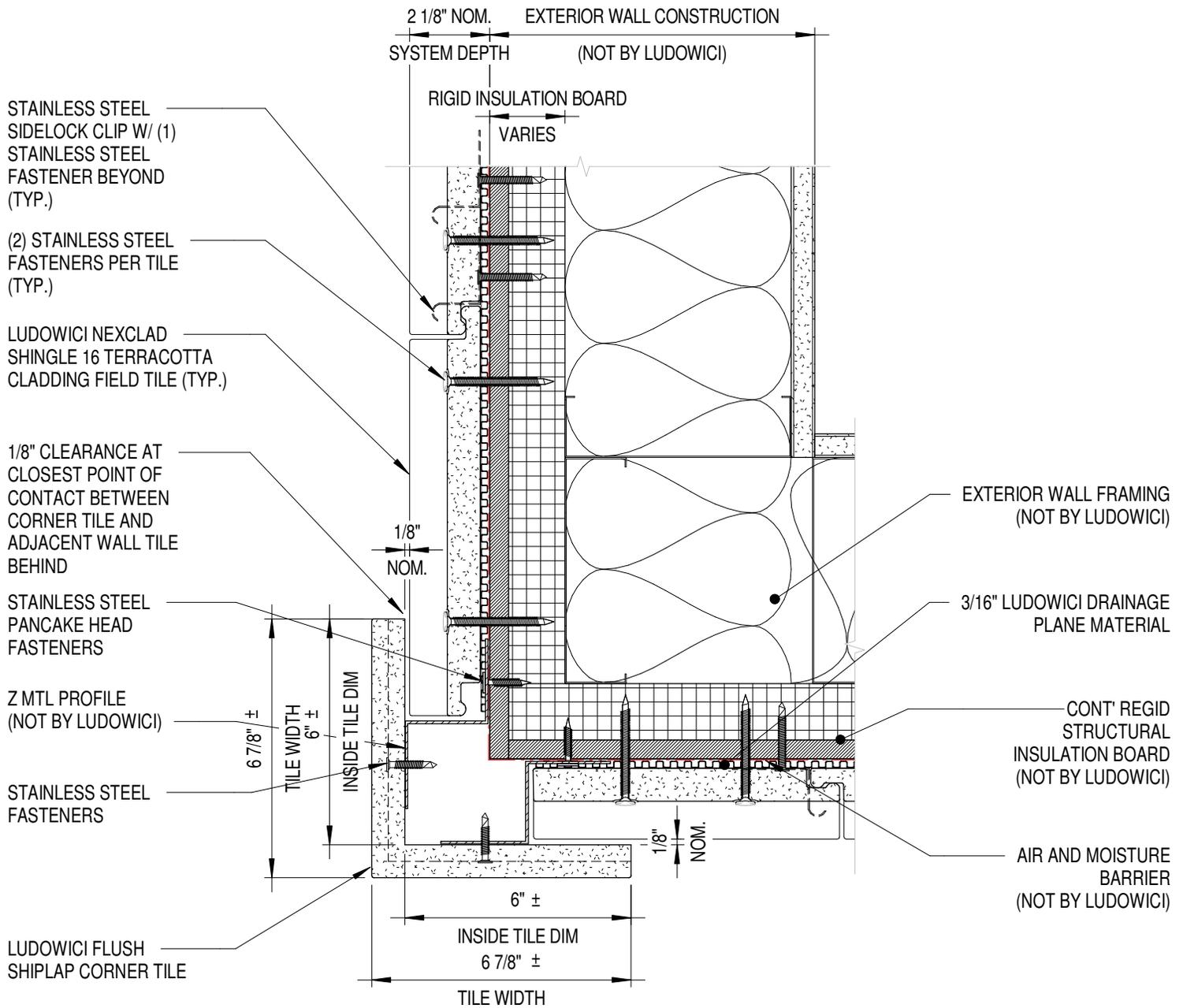
Drawing Date: 04.23.2025

Scale:

Ludowici Reference #: NeXclad Shingle 16 9axo Designer

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SYSTEM: NeXclad Shingle 16

DETAIL #: 9rb

Description: EXTERNAL CORNER - SIDING TILE W/FLUSH OVERLAP
 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 16 9rb Designer

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SYSTEM: NeXclad Shingle 16

DETAIL #: 10axo

Description: EXTERNAL CORNER - 'V' CORNER TILE - AXONOMETRIC

Building Construction: Stud Wall Framing

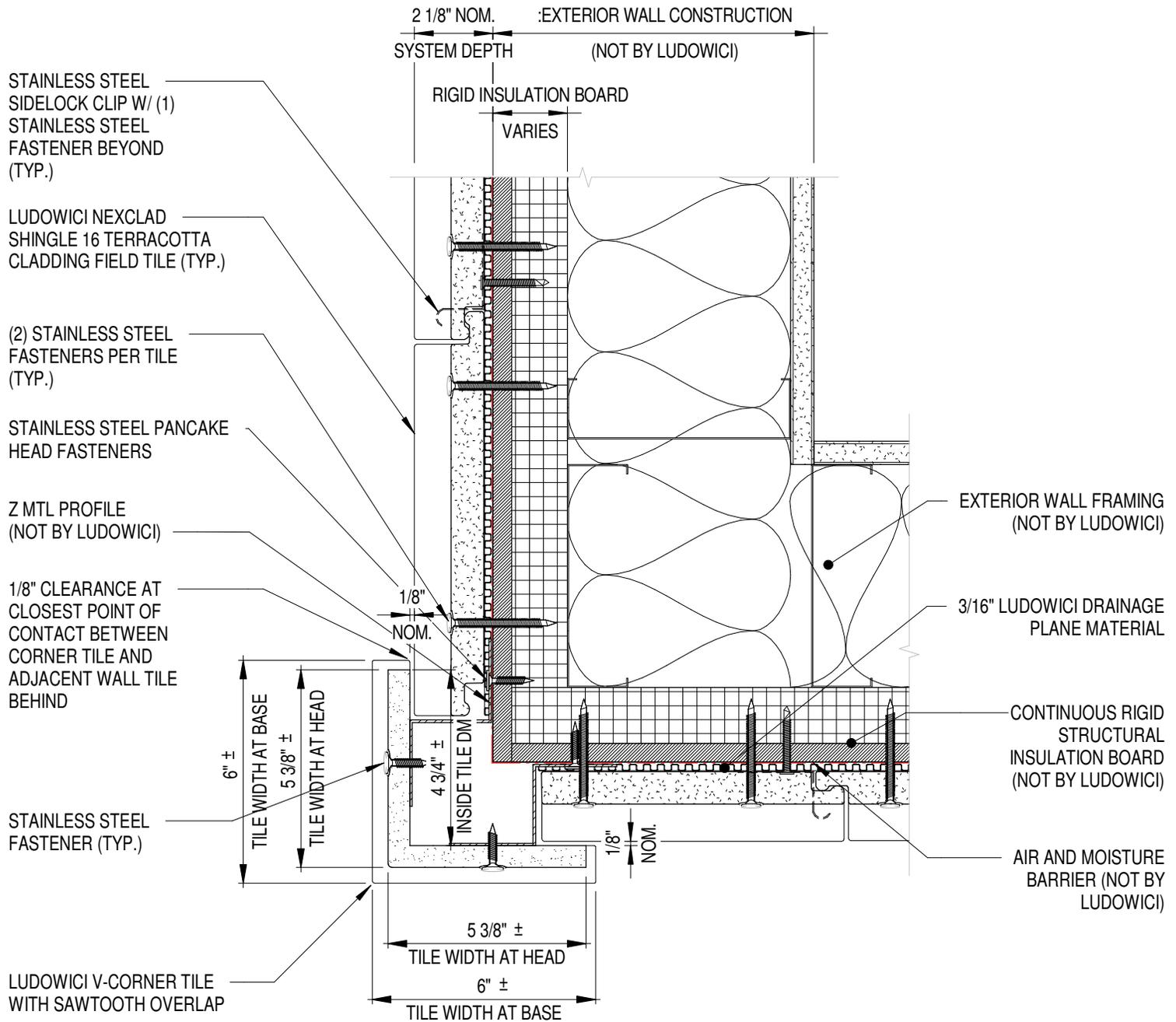
Drawing Date: 04.23.2025

Scale:

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SYSTEM: NeXclad Shingle 16

DETAIL #: 10rb

Description: EXTERNAL CORNER - 'V' CORNER TILE W/CONT' RIGID INSULATION BOARD

Building Construction: Continuous Rigid Structural Insulation Board

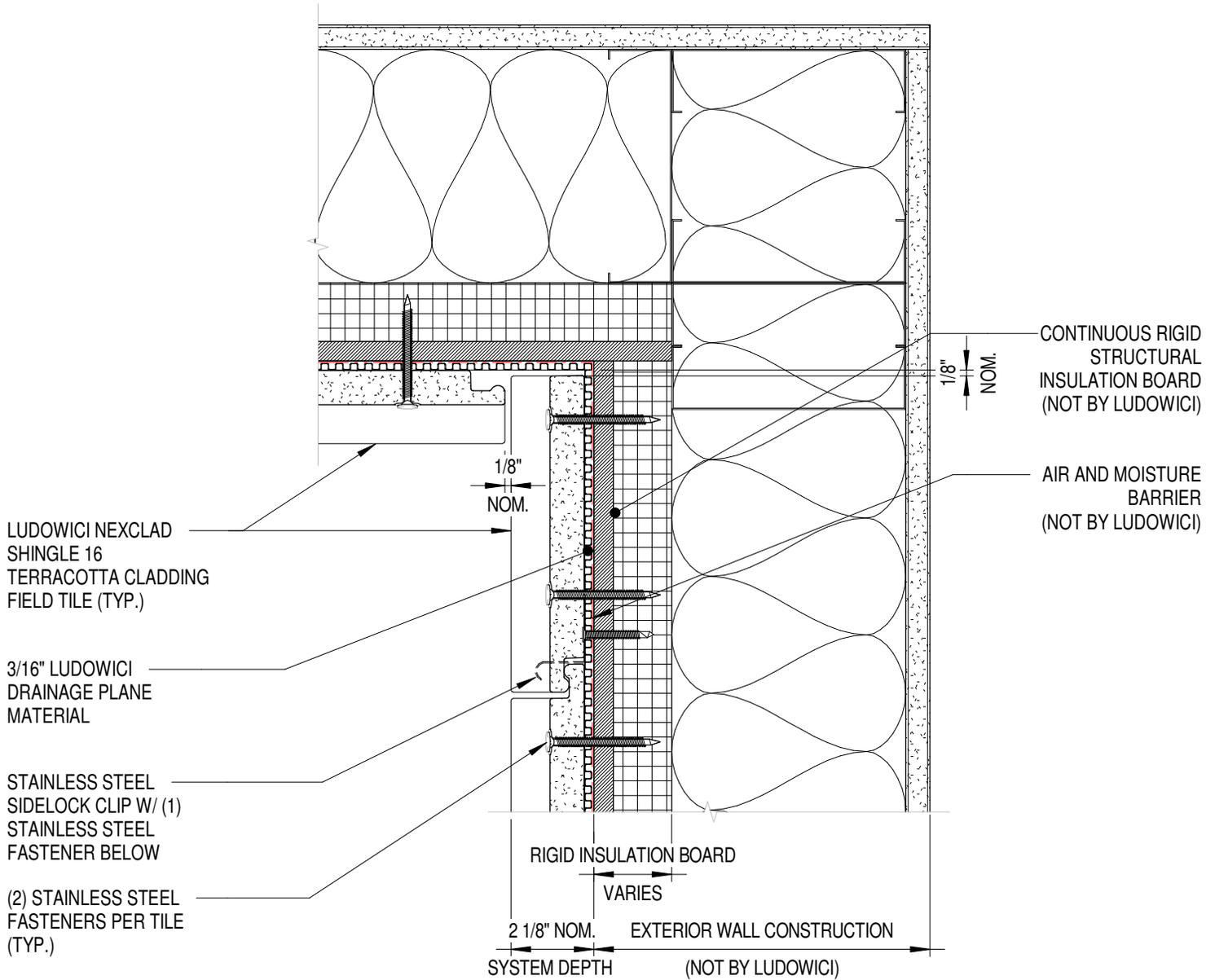
Drawing Date: 04.23.2025

Scale: 3" = 1'-0"

Ludowici Reference #: NeXclad Shingle 16 10rb Designer

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SYSTEM: NeXclad Shingle 16

DETAIL #: 11rb

Description: INTERNAL CORNER PLAN DETAIL W/CONT' RIGID INSULATION BOARD

Building Construction: Continuous Rigid Structural Insulation Board

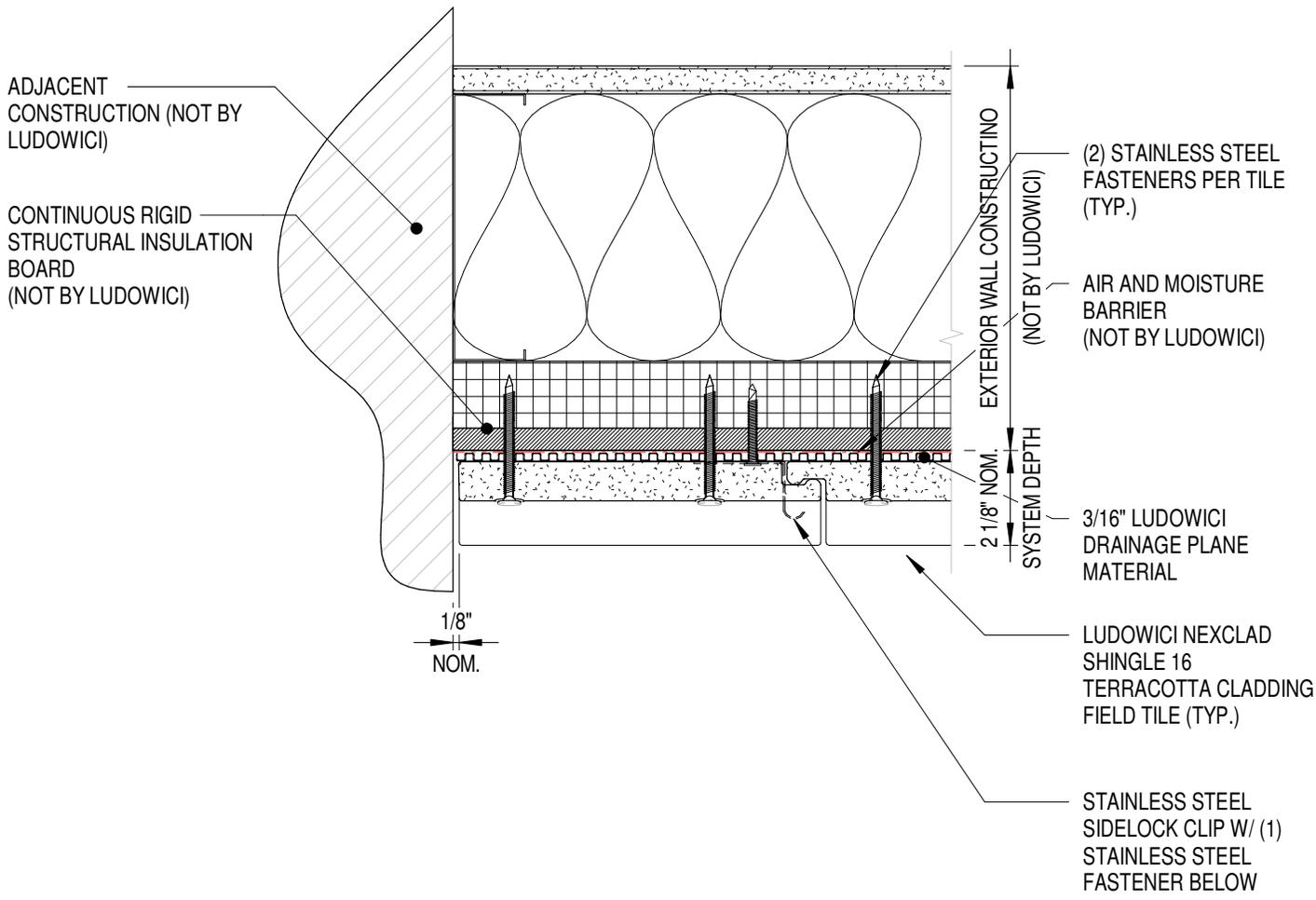
Drawing Date: 04.23.2025

Scale: 3" = 1'-0"

Ludowici Reference #: NeXclad Shingle 16 11rb Designer

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SYSTEM:	NeXclad Shingle 16
DETAIL #:	12rb
Description: TERMINATION OF RAINSCREEN PLAN DETAIL W/RIGID INSULATION BOARD	
Building Construction:	Continuous Rigid Structural Insulation Board
Drawing Date:	04.23.2025
Scale:	3" = 1'-0"
Ludowici Reference #:	NeXclad Shingle 16 12rb .

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3/16" LUDOWICI
DRAINAGE PLANE
MATERIAL

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

(2) 1" LONG DABS OF
ADHESIVE

LUDOWICI NEXCLAD
SHINGLE 16
TERRACOTTA CLADDING
FIELD TILE (TYP.)

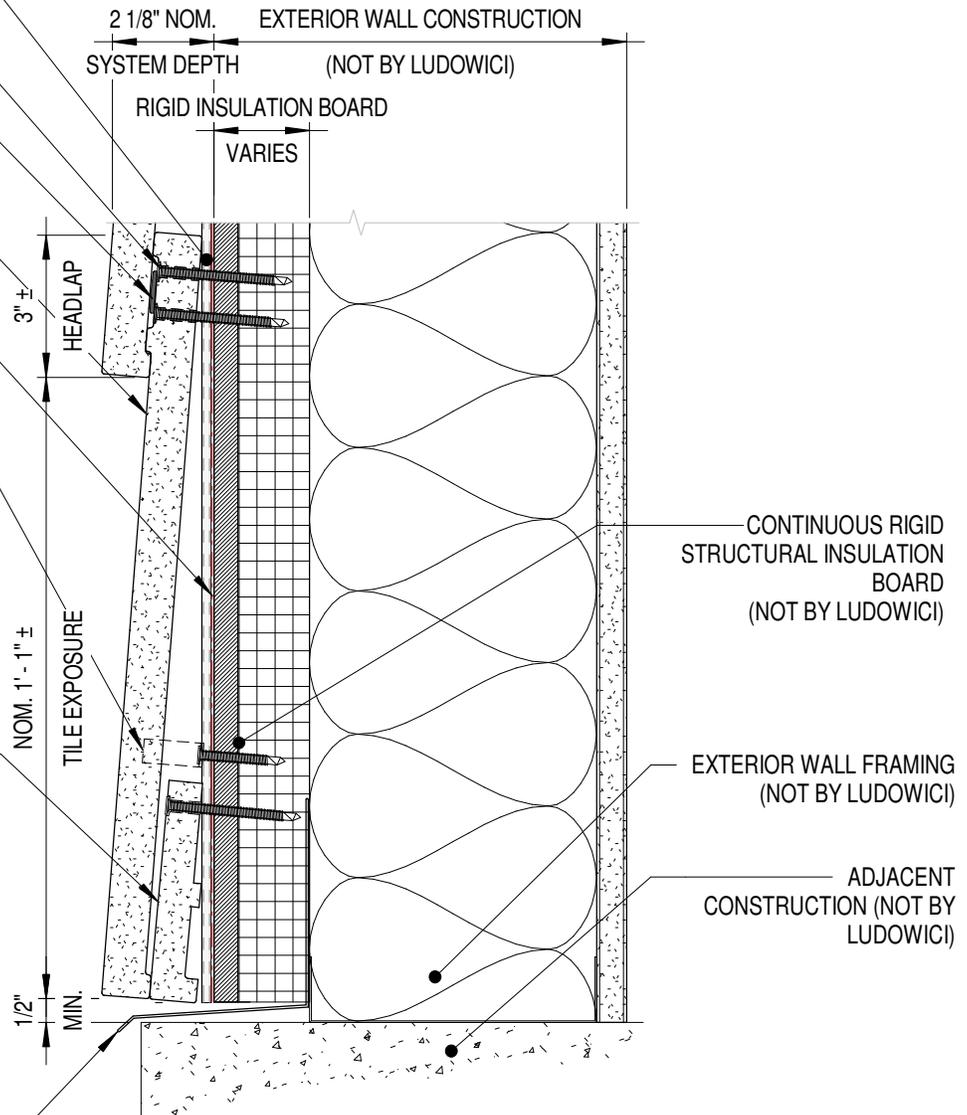
AIR AND MOISTURE
BARRIER (NOT BY
LUDOWICI)

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 16 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 4°). 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)



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SYSTEM:	NeXclad Shingle 16
DETAIL #:	13rb
Description:	BASE OF WALL SECTION DETAIL W/RIGID INSULATION BOARD
Building Construction:	Continuous Rigid Structural Insulation Board
Drawing Date:	04.23.2025
Scale:	3" = 1'-0"
Ludowici Reference #:	NeXclad Shingle 16 13rb Designer

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CONT. BACKER ROD AND
SEALANT
(NOT BY LUDOWICI)

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

SELF-ADHERED MEMBRANE
(NOT BY LUDOWICI)

SEALANT
(NOT BY LUDOWICI)

FLEXIBLE SELF-ADHERING
FLASHING (NOT BY
LUDOWICI)

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

3/16" LUDOWICI DRAINAGE
PLANE MATERIAL

LUDOWICI NEXCLAD
SHINGLE 16 TERRACOTTA
CLADDING FIELD TILE (TYP.)

AIR AND MOISTURE
BARRIER
(NOT BY LUDOWICI)

WINDOW UNIT (NOT BY
LUDOWICI)

EXTERIOR WALL FRAMING
(NOT BY LUDOWICI)

CONTINUOUS RIGID
STRUCTURAL INSULATION
BOARD
(NOT BY LUDOWICI)

3"
MIN. COVERAGE

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

GENERAL NOTES:

- A. EXTERIOR WALL FRAMING MAY BE COLD-FORMED METAL FRAMING (AS SHOWN) OR WOOD STUD FRAMING.
- B. CONDITIONS OF CONSTRUCTION SHOULD BE CONSIDERED WHEN SELECTING SCREWABLE WALL SHEATHING.



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SYSTEM: NeXclad Shingle 16

DETAIL #: 14rb

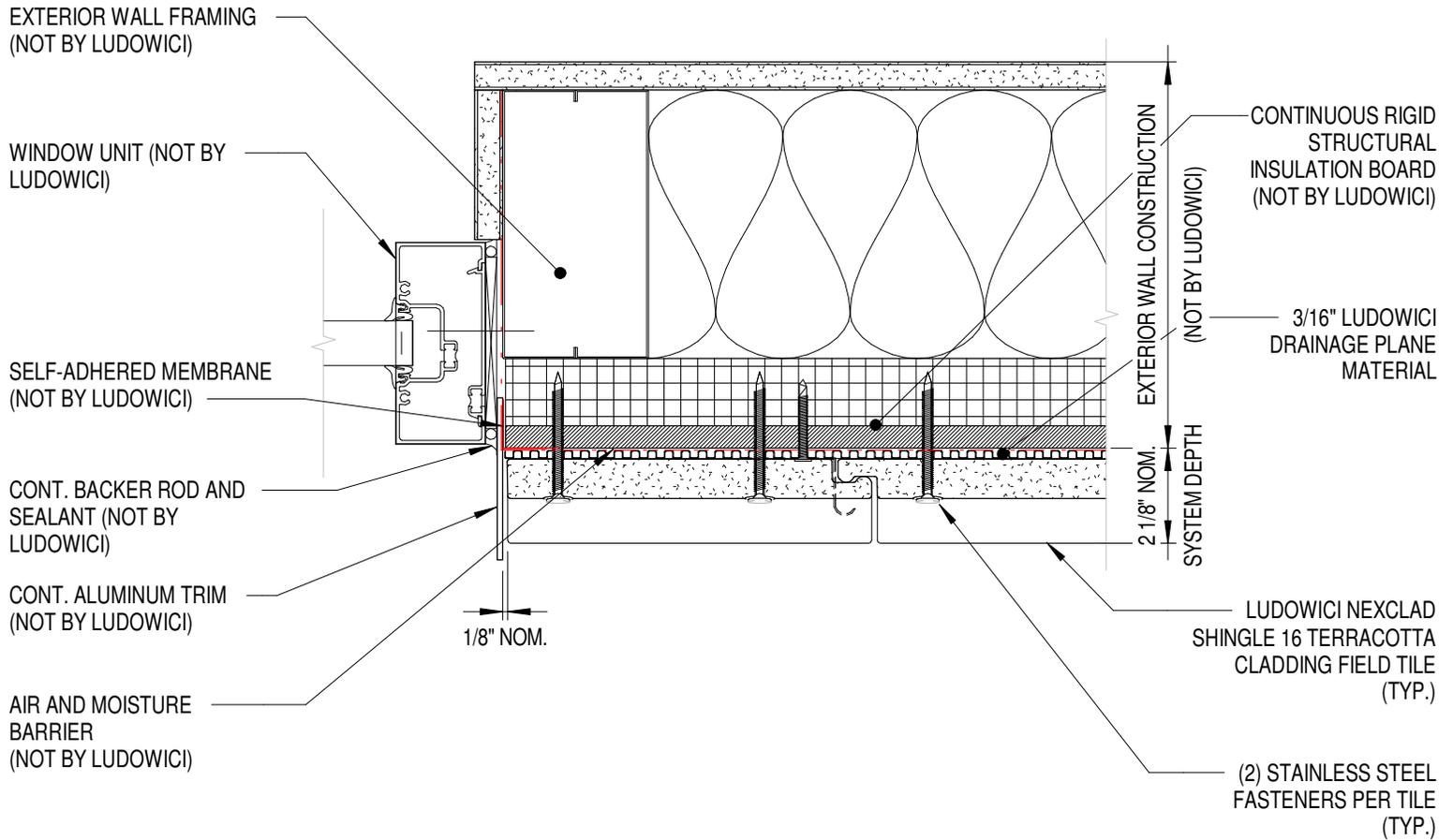
Description: WINDOW SILL SECTION DETAIL W/CONT' RIGID INSULATION BOARD

Building Construction: Continuous Rigid Structural Insulation Board

Drawing Date: 04.23.2025

Scale: 3" = 1'-0"

Ludowici Reference #: NeXclad Shingle 16 14rb Designer





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SYSTEM: NeXclad Shingle 16

DETAIL #: 15rb

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

Building Construction: Continuous Rigid Structural Insulation Board

Drawing Date: 04.23.2025

Scale: 3" = 1'-0"

Ludowici Reference #: NeXclad Shingle 16 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)

3/16" LUDOWICI DRAINAGE PLANE MATERIAL

LUDOWICI NEXCLAD SHINGLE 16 TERRACOTTA CLADDING FIELD TILE (TYP.)

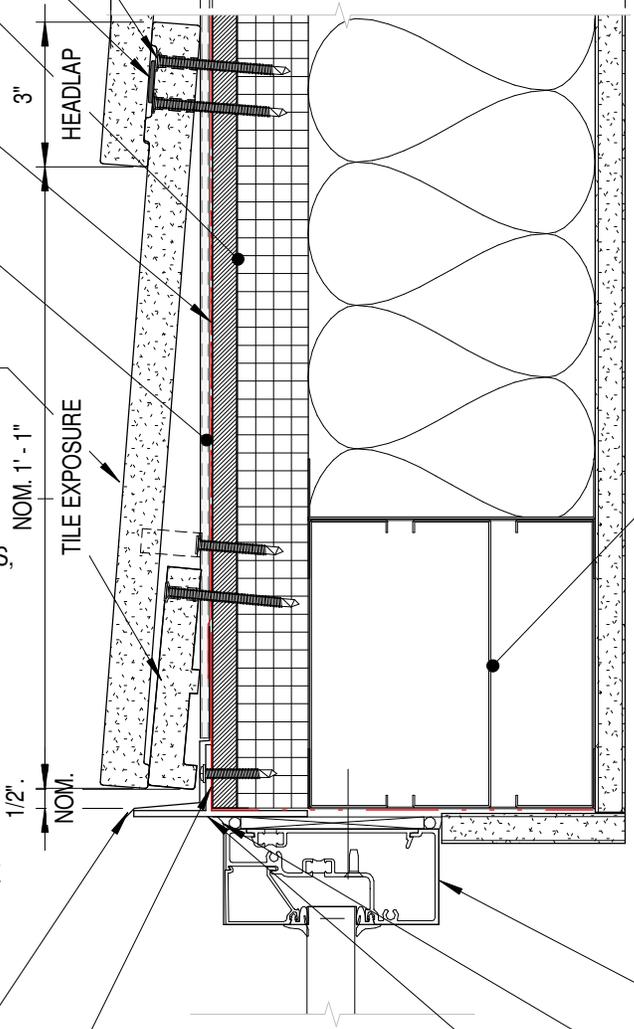
NEXCLAD 16 STARTER TILE. IN THE CASE OF FIELD CUT TILES OF SHORTER LENGTHS, STARTER TILES CAN BE CUT AND RE-POSITIONED TO RETAIN FIELD TILE ANGLE, (APPROX 4°). NON-COMBUSTIBLE ALTERNATIVES, SUCH AS METAL HATS OR Z PURLINS, APPROPRIATELY SIZED ARE ALSO ACCEPTABLE, AND NECESSARY IN CASES WITH TILES CUT 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)

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

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



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)

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SYSTEM: NeXclad Shingle 16

DETAIL #: 16rb

Description: WINDOW HEAD SECTION DETAIL W/CONT' RIGID INSULATION BOARD

Building Construction: Continuous Rigid Structural Insulation Board

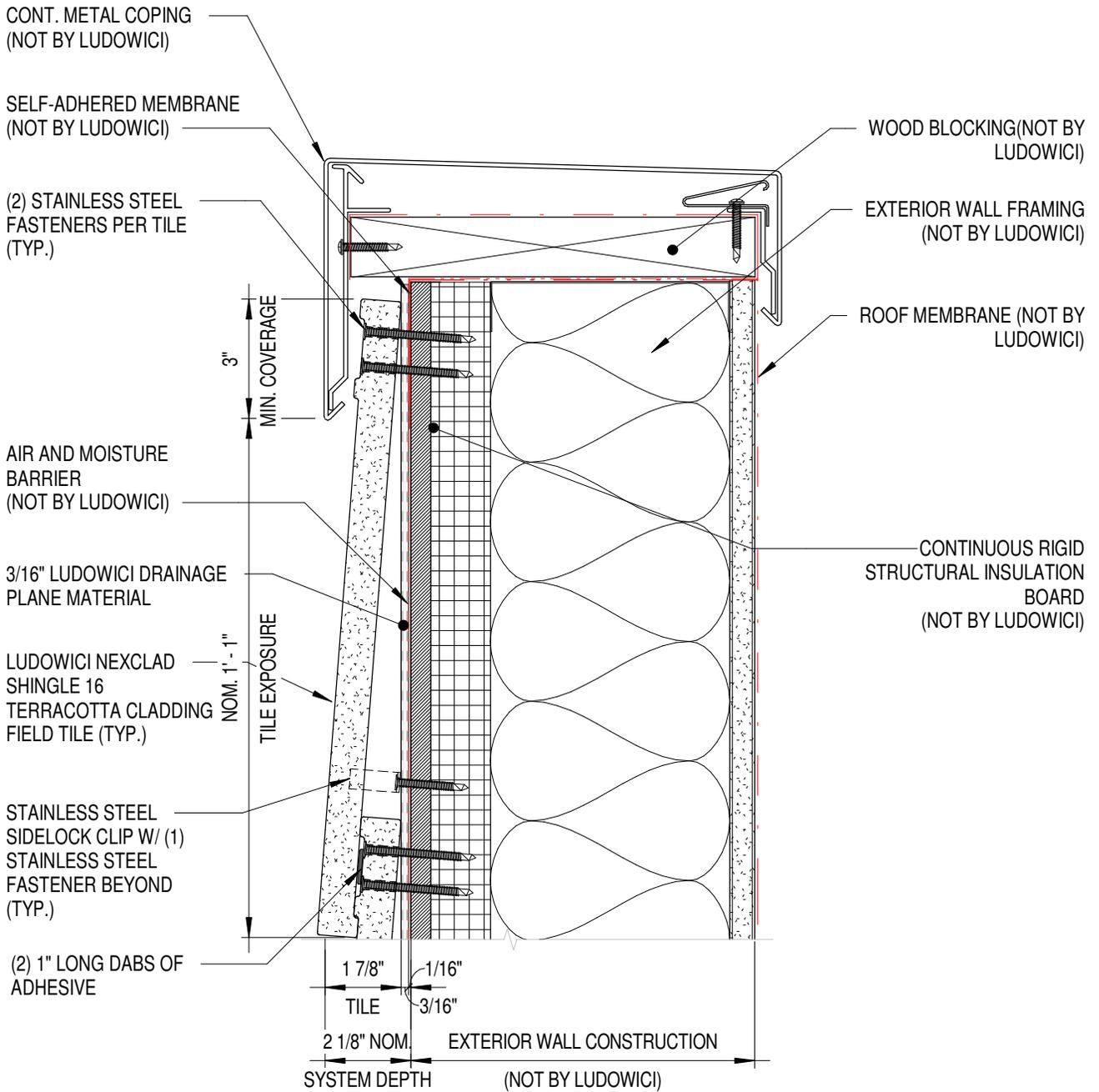
Drawing Date: 04.23.2025

Scale: 3" = 1'-0"

Ludowici Reference #: NeXclad Shingle 16 16rb Designer

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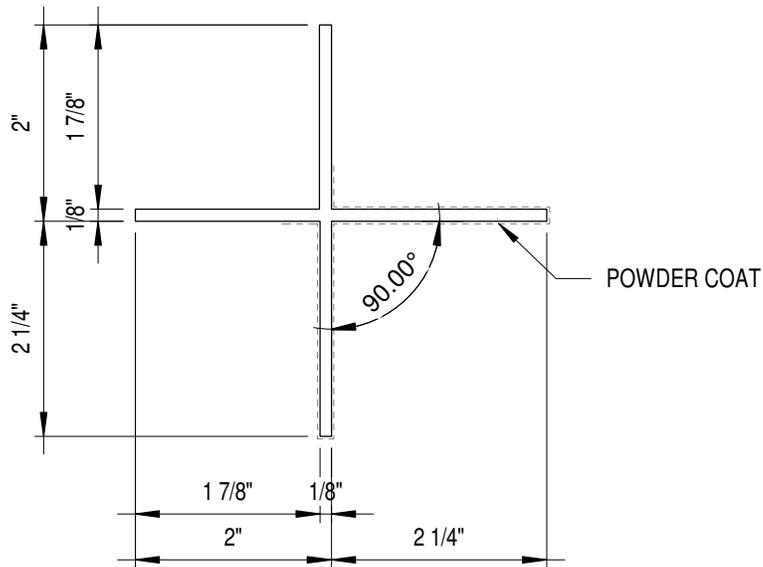


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SYSTEM:	NeXclad Shingle 16
DETAIL #:	17rb
Description:	PARAPET COPING SECTION DETAIL W/CONT' RIGID INSULATION BOARD
Building Construction:	Continuous Rigid Structural Insulation Board
Drawing Date:	04.23.2025
Scale:	3" = 1'-0"
Ludowici Reference #:	NeXclad Shingle 16 17rb Designer

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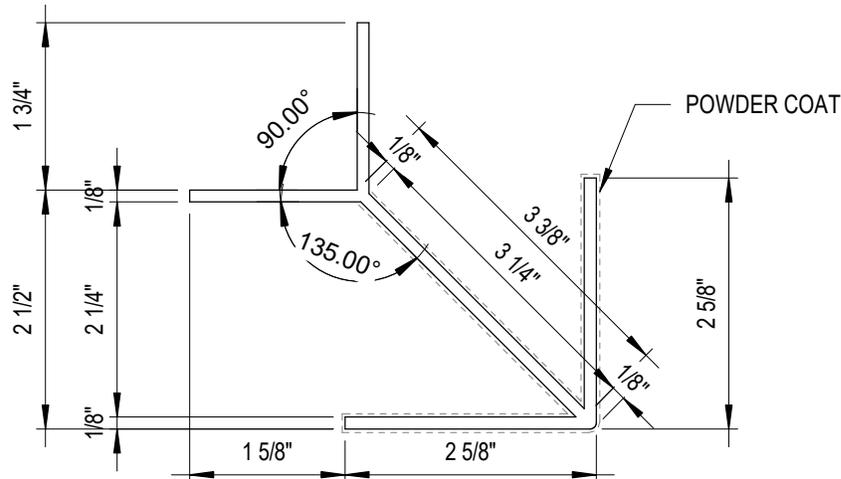



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SYSTEM:	NEXCLAD 14 & 16
DETAIL #:	20.1
Description: RE-ENTRANT TRIM - FABRICATION DIMENSIONS	
Building Construction:	
Drawing Date:	09/03/24
Scale:	6" = 1'-0"
Ludowici Reference #:	NeXclad Shingle 16 20.1 Designer

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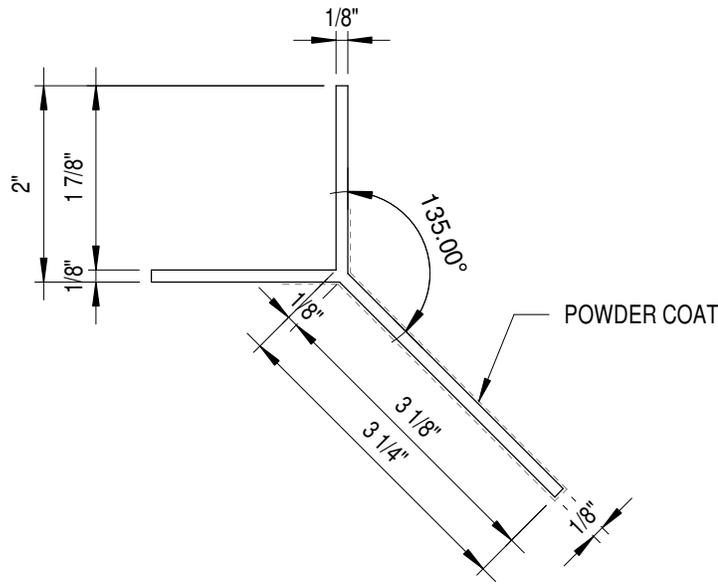



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SYSTEM:	NEXCLAD 14 & 16
DETAIL #:	20.2
Description:	GREATER ARROW TRIM - FABRICATION DIMENSIONS
Building Construction:	
Drawing Date:	03/19/26
Scale:	6" = 1'-0"
Ludowici Reference #:	NeXclad Shingle 16 20.2 Designer

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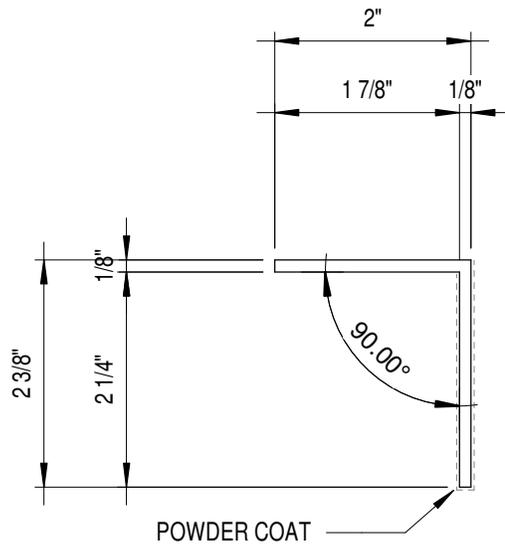



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SYSTEM:	NEXCLAD 14 & 16
DETAIL #:	20.3
Description: KNIFE TRIM - FABRICATION DIMENSIONS	
Building Construction:	
Drawing Date:	09/03/24
Scale:	6" = 1'-0"
Ludowici Reference #:	NeXclad Shingle 16 20.3 Designer

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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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