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APPROVED

INSTALLATION MANUAL

FOR WOOD CONSTRUCTION

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2. "V" TILE 90° CUT SHEET
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10. LAP RIDGE TILE ROOF CONDITIONS & 3 WAY MITER DETAIL

ADDITIONAL DOCUMENTS: UPLIFT RESISTANCE TESTING

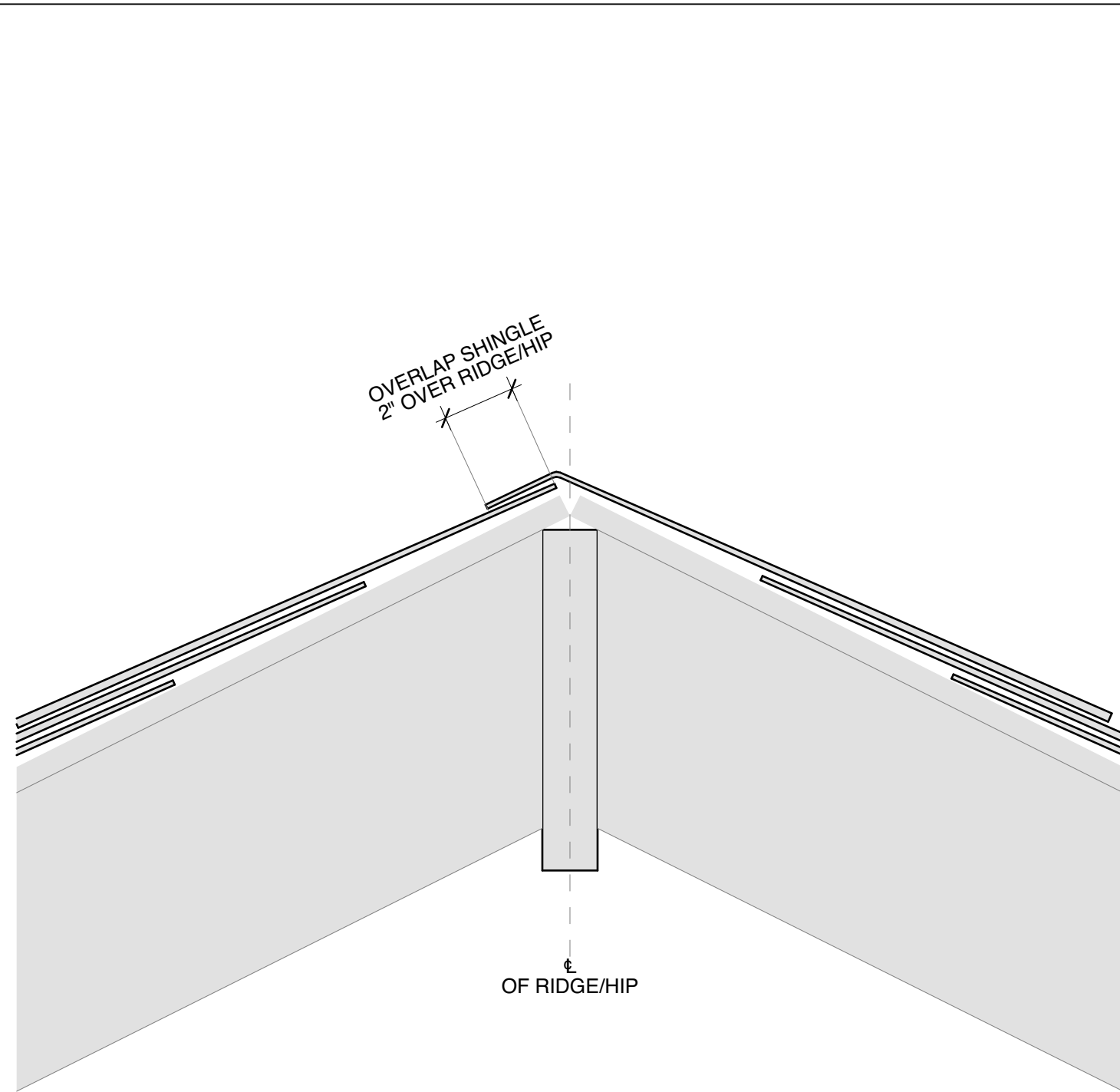


FIGURE 1

NOTE: CUT SHINGLES EVEN ON ONE SIDE OF THE HIP/RIDGE. LAP OTHER SIDE APPROX. 2" OVER AND NAIL OVERLAP SHINGLE EVERY 5" FROM BOTTOM TO TOP WITH ROOFING NAILS. (DO NOT LEAVE EXPOSED NAILS)

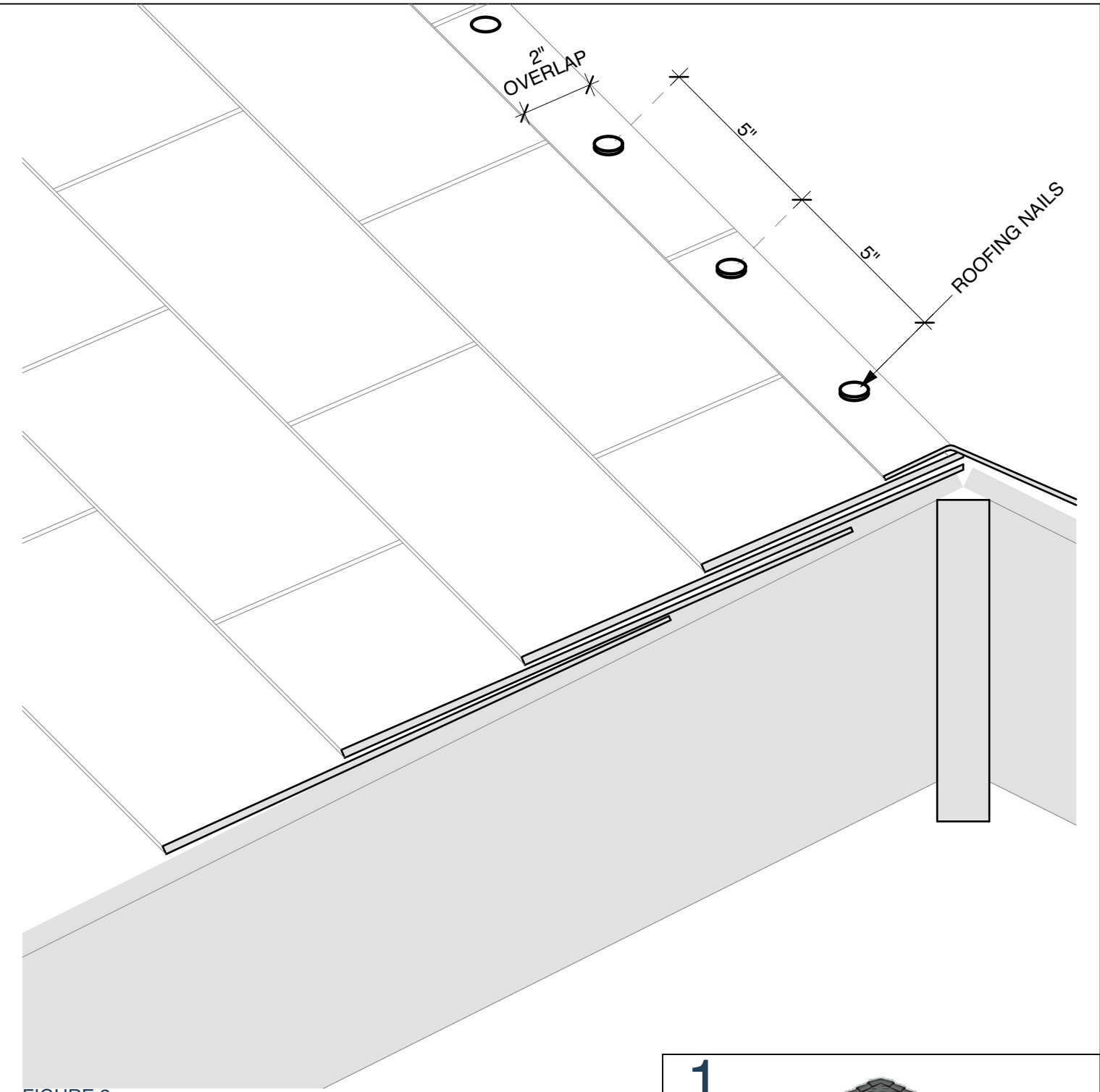


FIGURE 2

NOTE: FOR WOOD CONSTRUCTION ONLY

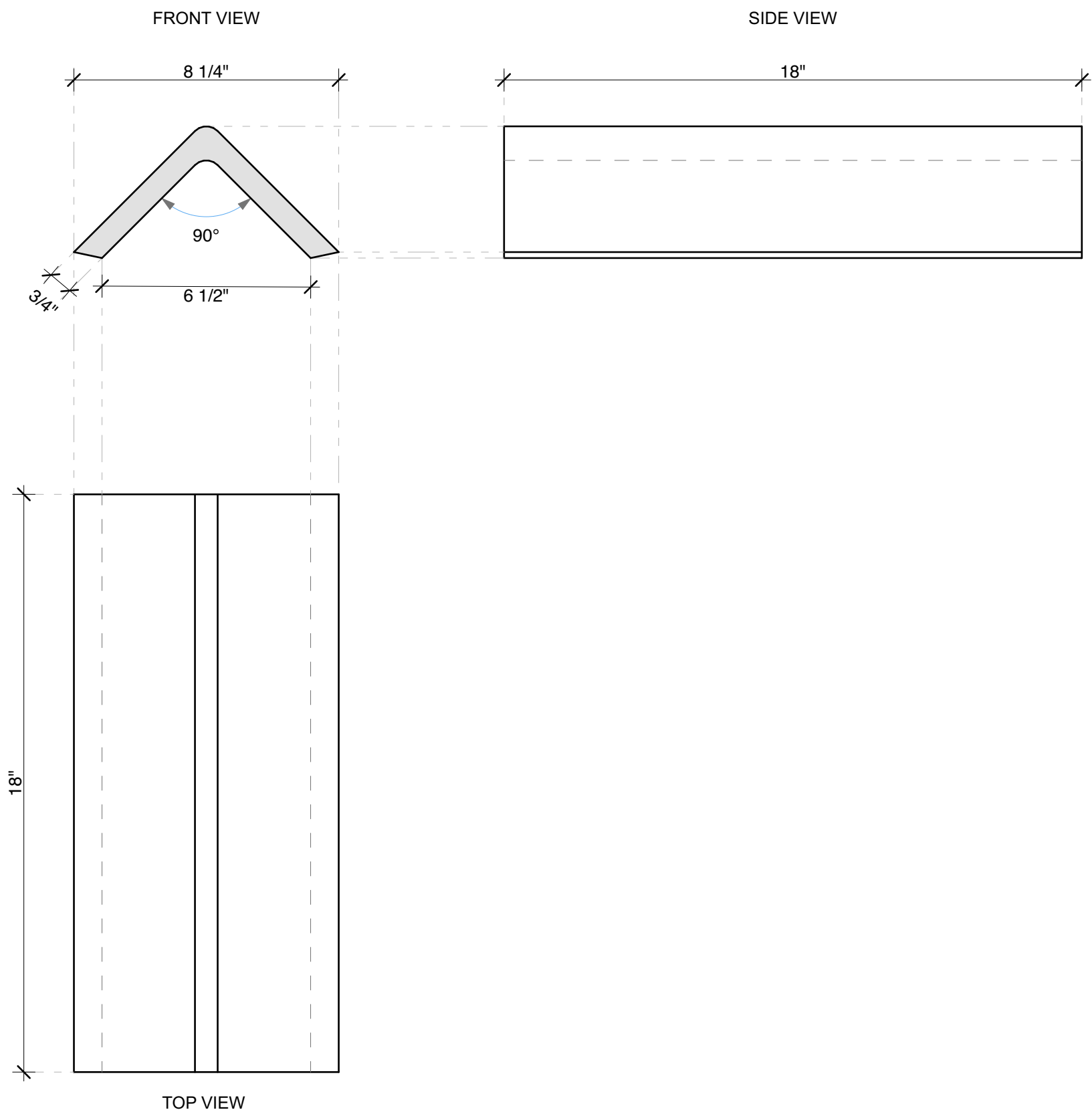
RIDGE TILE ASSEMBLY

SHINGLE PREPARATION (TYPICAL)

1



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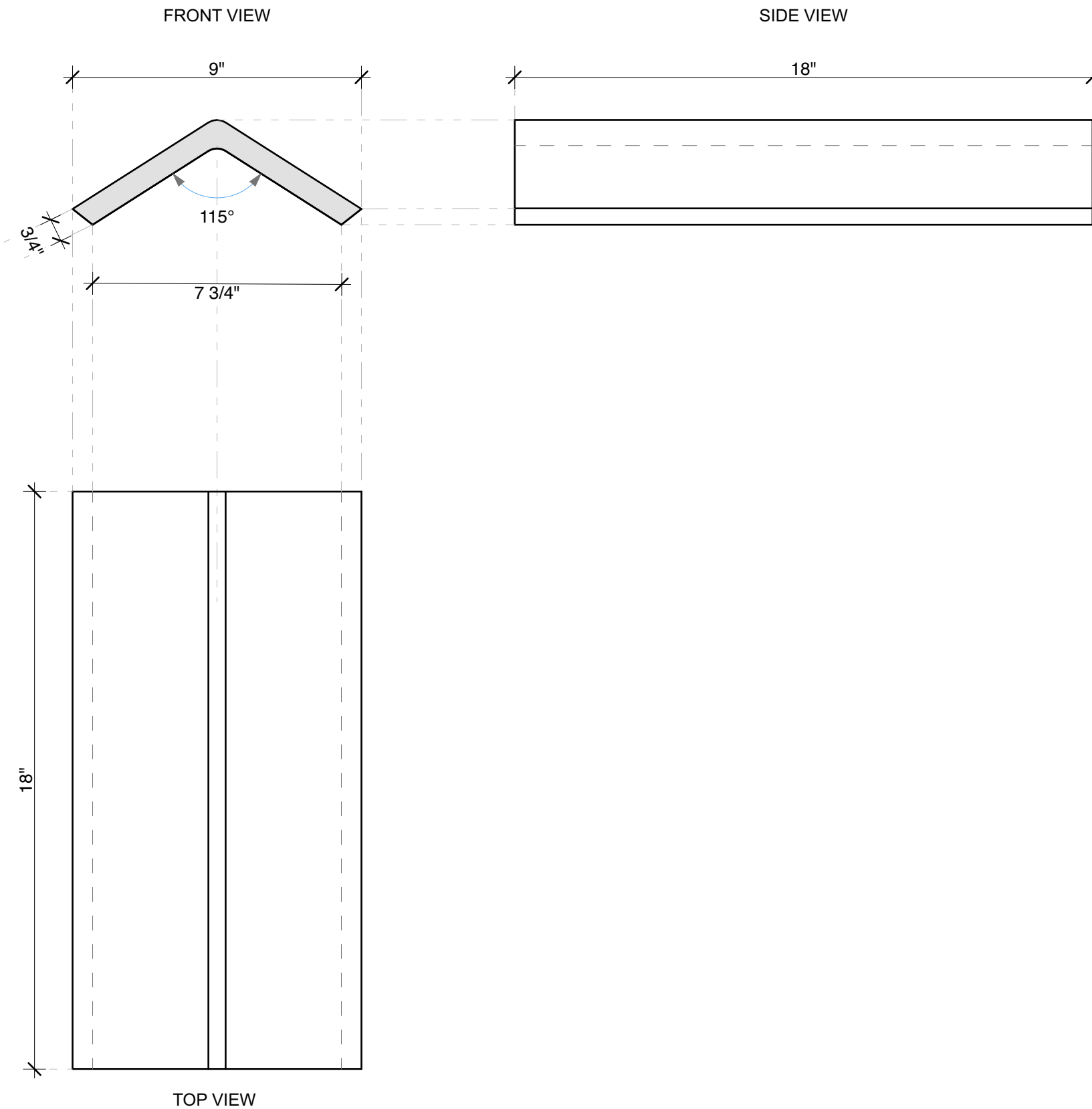
WEIGHT PER PIECE - 11.1 LB
 MIN. ROOF SLOPE - 3:12
 BASE TEXTURE: SMOOTH

COLOR BLENDS - CHARCOAL, DARK BROWN, TERRACOTTA RED
 MATERIAL: CONCRETE

"V" TILE 90°

2

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WEIGHT PER PIECE - 9.2 LB

MIN. ROOF SLOPE - 3:12

BASE TEXTURE: SMOOTH

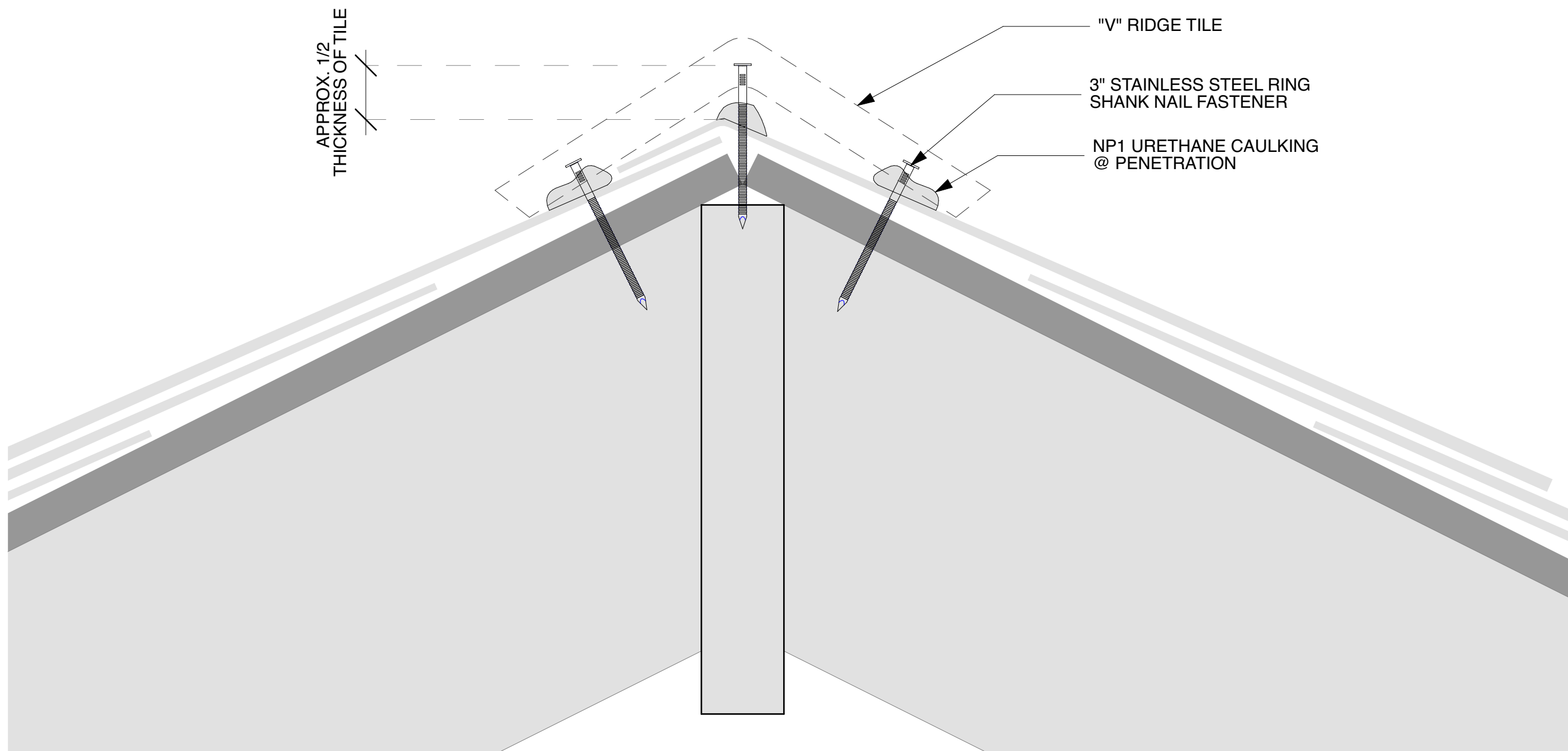
COLOR BLENDS - CHARCOAL, DARK BROWN, TERRACOTTA RED
 MATERIAL: CONCRETE

"V" TILE 115°

3



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APPROX. 1/2
THICKNESS OF TILE

"V" RIDGE TILE

3" STAINLESS STEEL RING
SHANK NAIL FASTENER

NP1 URETHANE CAULKING
@ PENETRATION

FIGURE 1

NOTE:

USE (3) 3" STAINLESS STEEL RING SHANK NAILS W/ NP1 URETHANE CAULKING WHERE NAIL PENETRATES THE SHINGLE AND ROOF DECKING TO FASTEN TILES TO ROOF.

STAINLESS STEEL RING SHANK NAILS TO BE INSTALLED APPROX. HALF WAY THE THICKNESS OF THE TILE.

NOTE: FOR WOOD CONSTRUCTION ONLY

RIDGE TILE ASSEMBLY

"V" TILE FASTENER DETAIL

4



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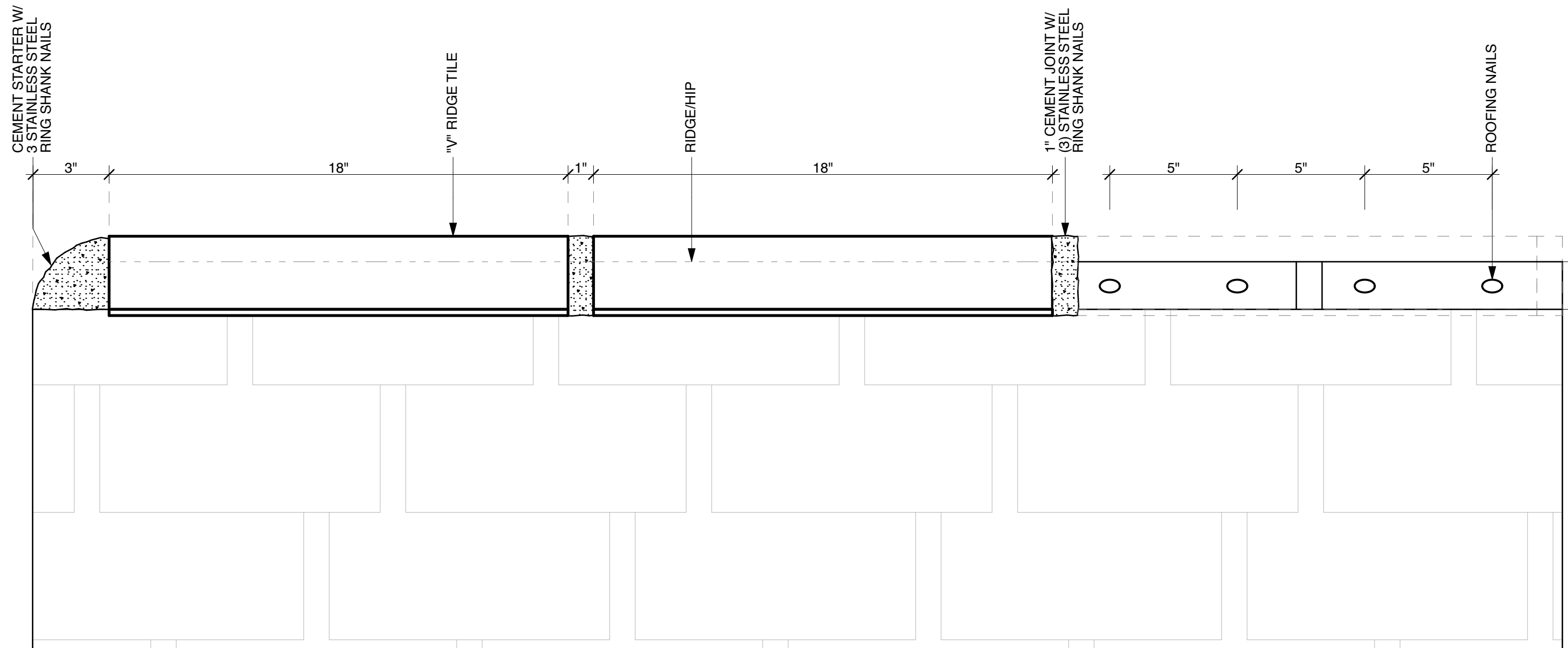


FIGURE 1

NOTE:

MIX TWO PARTS SAND WITH 1 PART PORTLAND TYPE 1-2 CEMENT TO BE USED @ JOINTS, MITER 3 WAYS, AND HIP/GABLE STARTERS.

JOINTS TO BE APPROX. 1" WIDTH FROM THE TOP OF THE TILE DOWN TO THE SHINGLE ROOF.

CEMENT HIP/GABLE STARTER USING (3) 3" STAINLESS STEEL RING SHANK NAILS WITH NP1 URETHANE CAULKING @ ROOF PENETRATION.



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NOTE: DO NOT BLOCK WATER ON VALLEYS OR WALL FLASHINGS

RIDGE TILE ASSEMBLY

"V" TILE

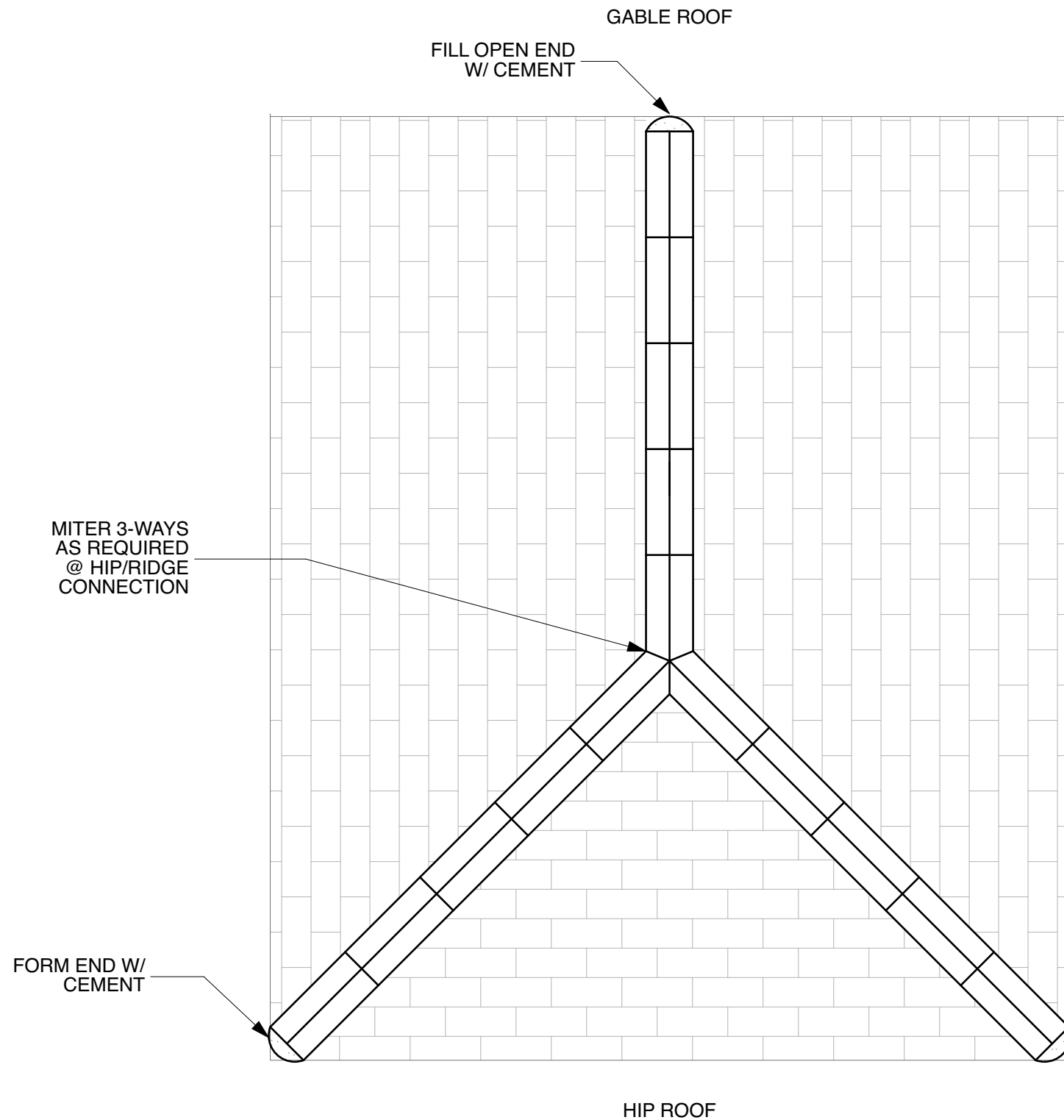
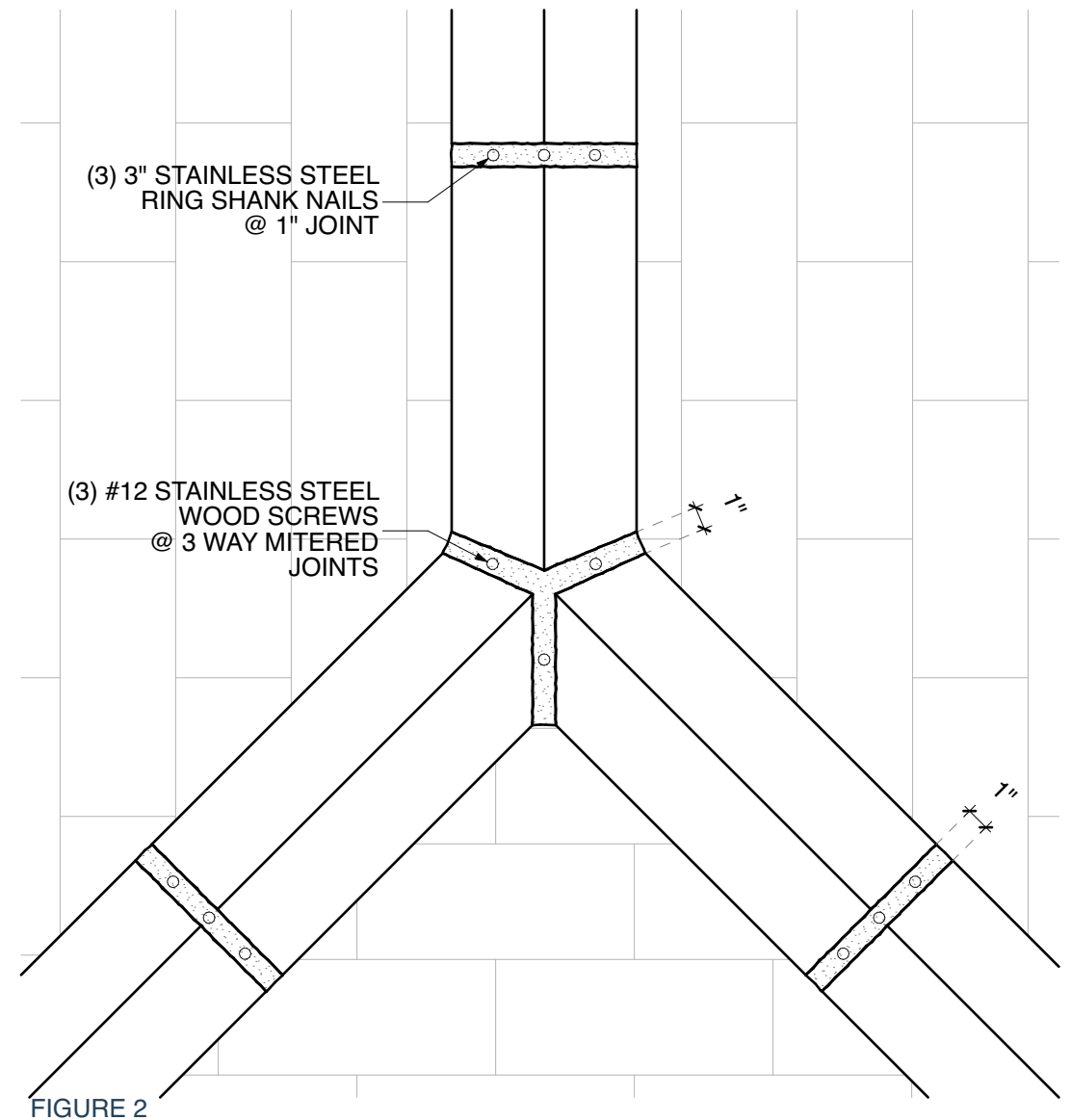


FIGURE 1



NOTE:

MITER 3 WAYS, AS NECESSARY, USING (3) # 12 STAINLESS STEEL WOOD SCREWS W/ NP1 URETHANE CAULKING @ ROOF PENETRATION.

USE (3) 3" STAINLESS STEEL RING SHANK NAILS W/ NP1 URETHANE CAULKING @ ROOF PENETRATION BETWEEN ROOF TILES

FILL 1" JOINTS W/ 2 PART SAND & 1 PART PORTLAND TYPE 1-2 CEMENT MIXTURE.

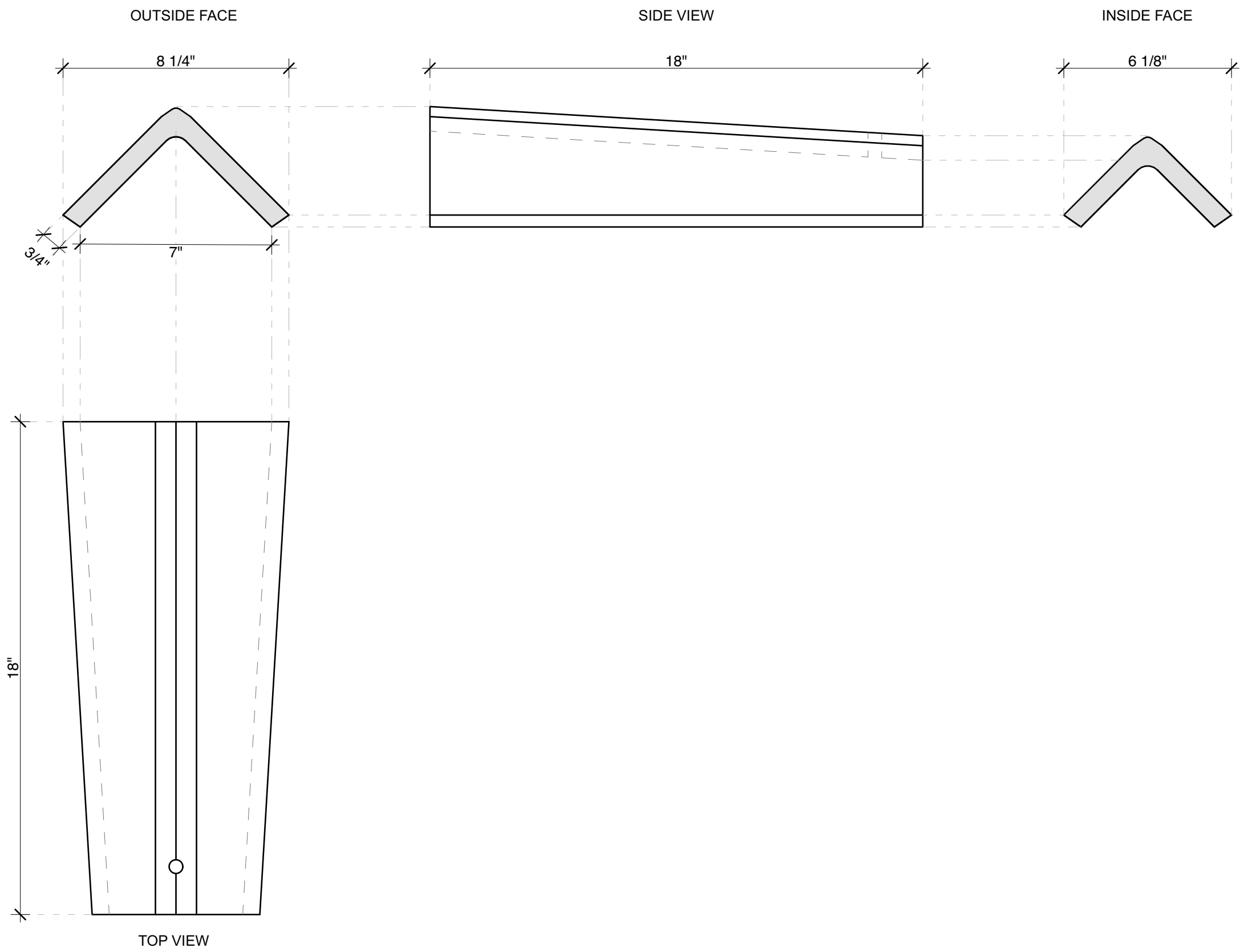
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"V" RIDGE TILE - ROOF CONDITIONS & 3 WAY MITER DETAIL

6



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WEIGHT PER PIECE - 10.4 LB
 MIN. ROOF SLOPE - 3:12
 BASE TEXTURE: SMOOTH

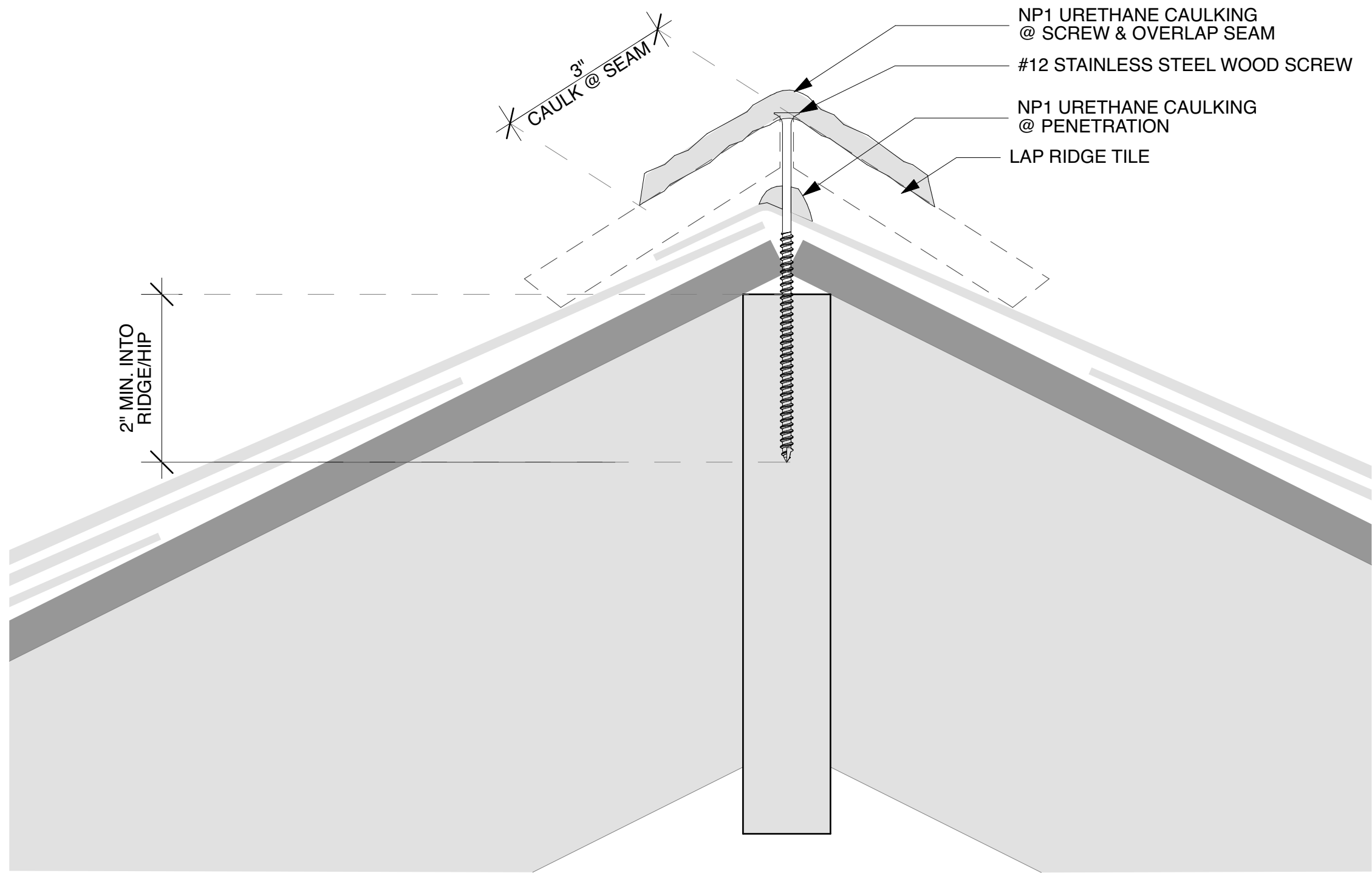
COLOR BLENDS - CHARCOAL, DARK BROWN, TERRACOTTA RED
 MATERIAL: CONCRETE

LAP RIDGE TILE

7

HECKER
RIDGE TILES

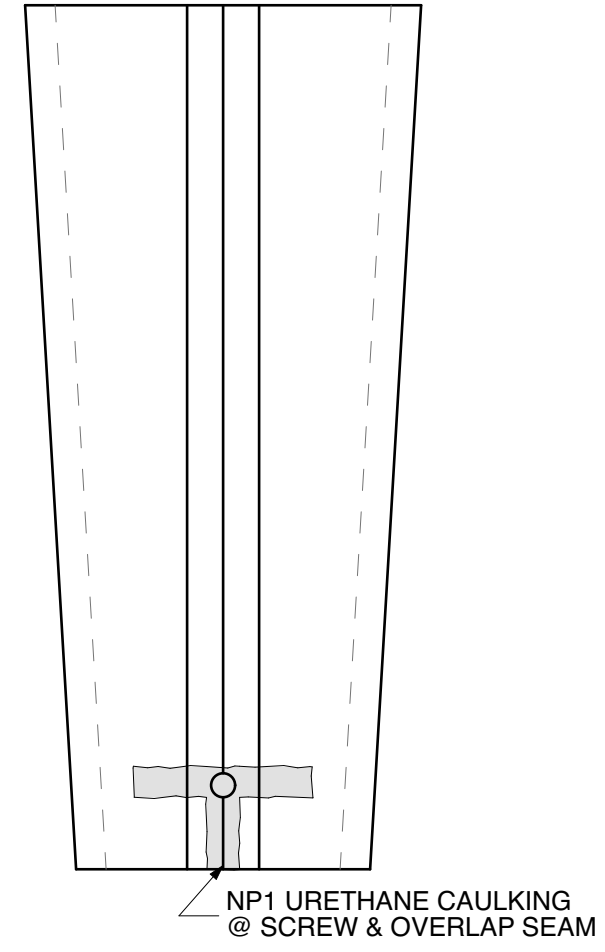
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NP1 URETHANE CAULKING @ SCREW & OVERLAP SEAM
 #12 STAINLESS STEEL WOOD SCREW
 NP1 URETHANE CAULKING @ PENETRATION
 LAP RIDGE TILE

2" MIN INTO RIDGE/HIP

3" CAULK @ SEAM



NP1 URETHANE CAULKING @ SCREW & OVERLAP SEAM

FIGURE 2

FIGURE 1

NOTE:
 USE #12 STAINLESS STEEL WOOD SCREWS TO PENETRATE HIP/RIDGE AT LEAST 2".
 NP1 URETHANE CAULKING TO BE APPLIED AT ROOF PENETRATION, ALONG THE SCREW, & TO SEAL THE OVERLAP SEAM.

NOTE: FOR WOOD CONSTRUCTION ONLY

RIDGE TILE ASSEMBLY

LAP RIDGE TILE FASTENER DETAIL

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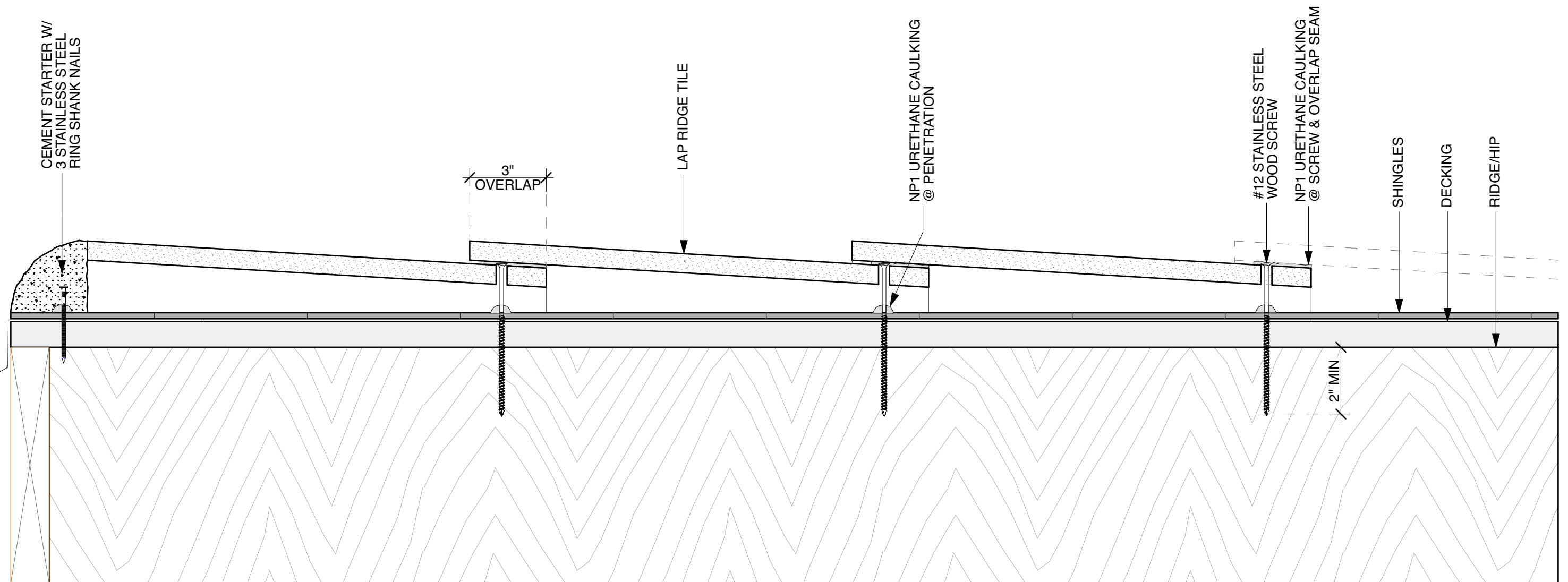


FIGURE 1

NOTE:

MIX TWO PARTS SAND WITH 1 PART PORTLAND TYPE 1-2 CEMENT TO BE USED @ 3 WAY MITRE AND HIP/GABLE STARTERS.

CEMENT HIP/GABLE STARTER USING (3) 3" STAINLESS STEEL RING SHANK NAILS WITH NP1 URETHANE CAULKING @ ROOF PENETRATION.

APPROX. 3" OVERLAP BETWEEN RIDGE TILES & APPLY NP1 URETHANE CAULKING @ SCREW AND OVERLAP SEAM TO SEAL.



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RIDGE TILE ASSEMBLY

LAP RIDGE TILE

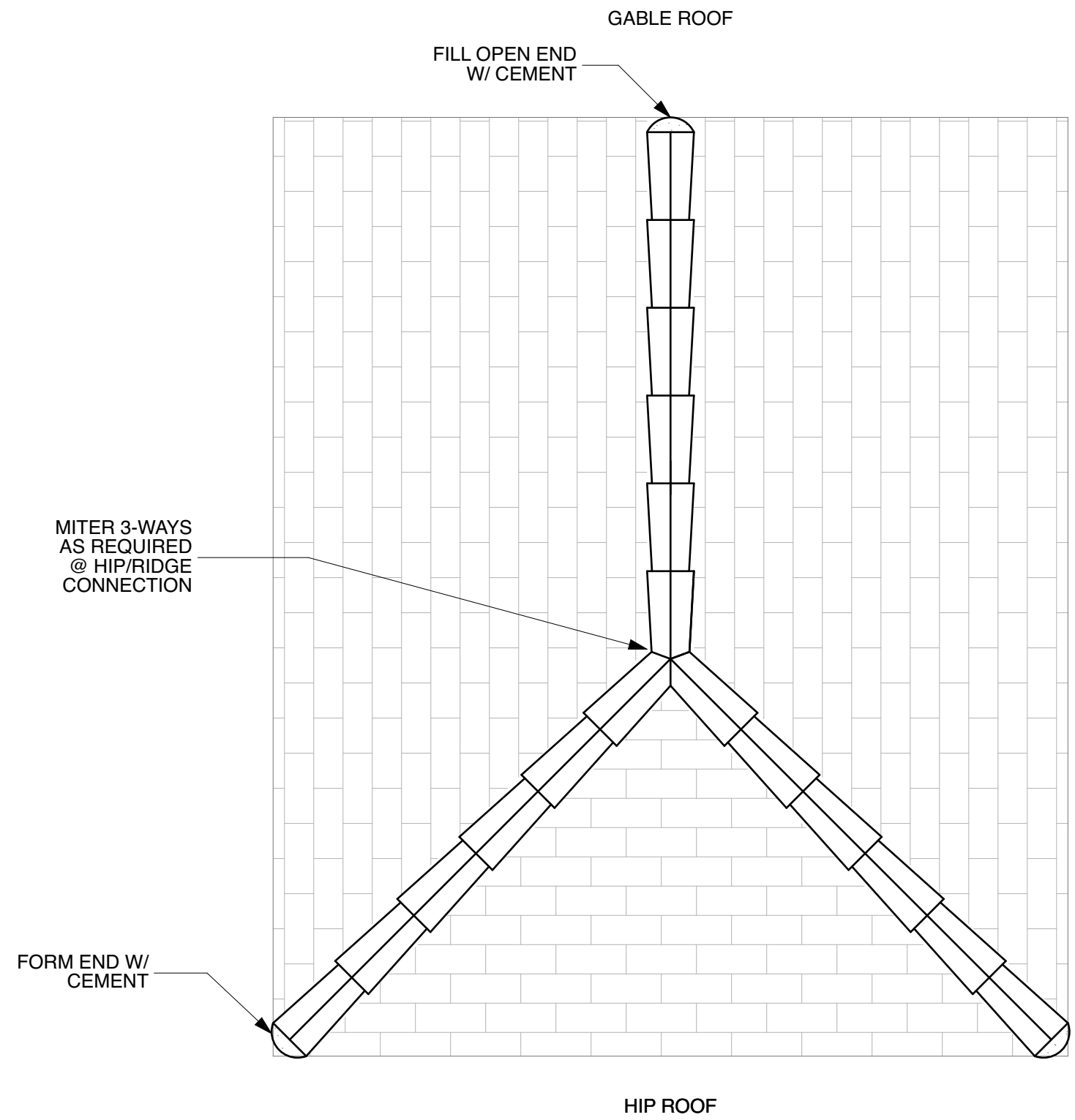


FIGURE 1

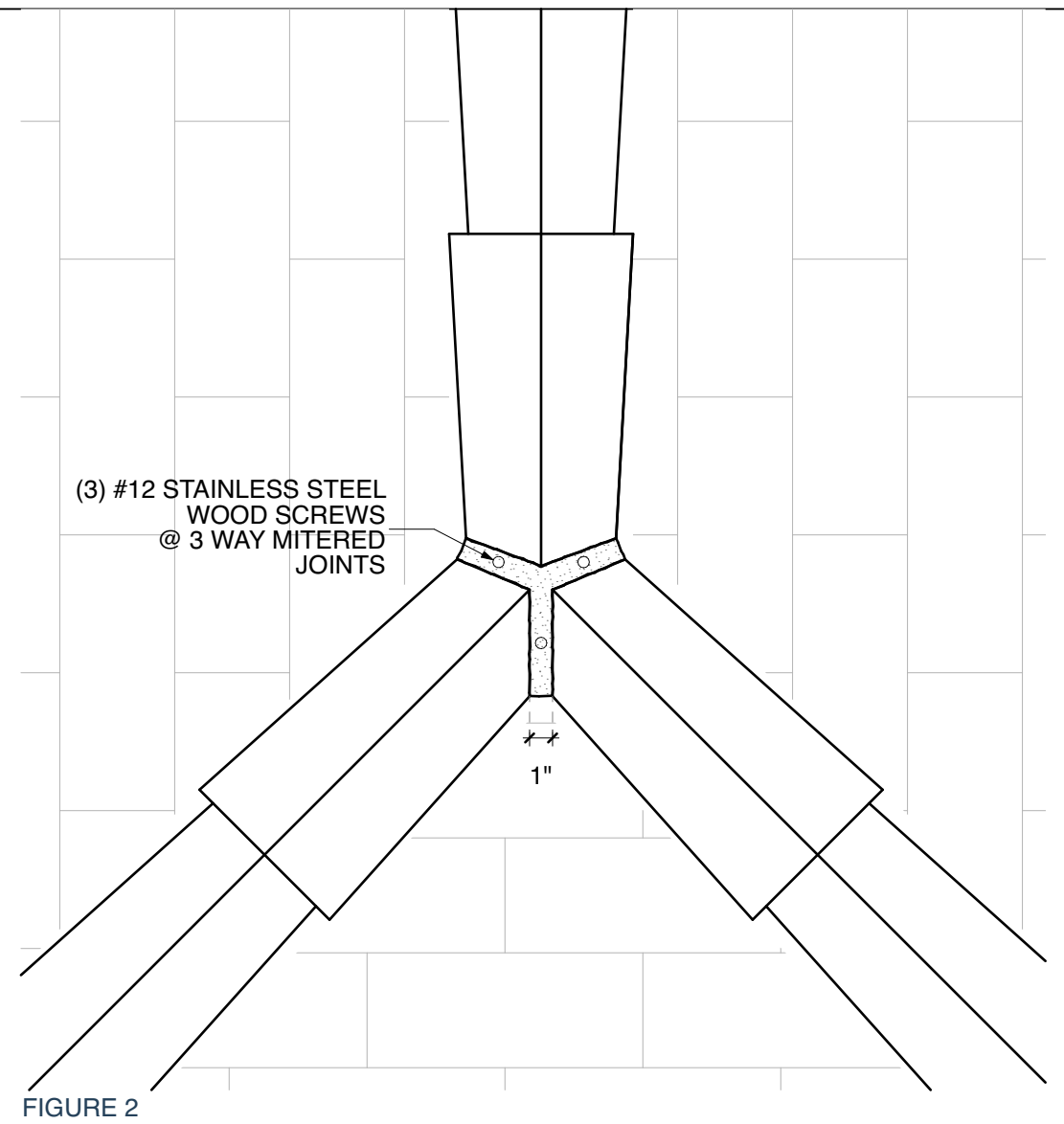


FIGURE 2

NOTE:
 MITER 3 WAYS, AS NECESSARY, USING (3) # 12 STAINLESS STEEL WOOD SCREWS W/ NP1 URETHANE CAULKING @ ROOF PENETRATION.
 FILL 1" JOINTS W/ 2 PART SAND & 1 PART PORTLAND TYPE 1-2 CEMENT MIXTURE.

NOTE: FOR WOOD CONSTRUCTION ONLY

LAP RIDGE TILE - ROOF CONDITIONS
 & 3 WAY MITER DETAIL

10

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