

LONGBOARD ARCHITECTURAL PRODUCTS

BOARD AND BATTEN PLANK SYSTEM

(HVHZ)

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), **INCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - TAS 202-94
 - TAS 203-94
 - ASTM E8-16
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY AND 2X FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- 1X AND 2X MEMBERS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.
- ALUMINUM SIDING MEETS THE REQUIREMENTS OF THE CURRENT FBC. APPLICATION OF ALUMINUM SIDING SHALL MEET REQUIREMENTS OF THE CURRENT FBC.
- ALUMINUM SIDING SPECIFICATIONS:
 - MATERIAL: 6063-T5
 - MINIMUM THICKNESS: 0.0358"
- INSTALLATION OF SIDING ACCESSORIES SUCH AS TRIM COMPONENTS SHALL BE DONE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE AND THE MANUFACTURER'S INSTRUCTIONS.

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5	BILL OF MATERIALS AND COMPONENTS

DESIGN PRESSURE TABLE - 7" BOARD AND BATTEN PLANK					
VERTICAL O.C. SPACING (IN)	ALLOWABLE DESIGN PRESSURE (PSF)				
	WOOD	STEEL	ALUM.	CONCRETE	MASONRY
10	120.0	120.0	120.0	120.0	120.0
12	118.3	120.0	118.2	120.0	116.6
16	88.7	120.0	88.7	120.0	87.4



1777 CLEARBROOK RD #120
ABBOTSFORD, BC V2T 5X5, CANADA
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TITLE:
BOARD AND BATTEN
PLANK SYSTEM
(HVHZ)
GENERAL NOTES &
DESIGN PRESSURE TABLE

PREPARED BY:

BUILDING DROPS

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REMARKS	BY	DATE
2026 FBC UPDATE	LS	07/2026

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Reason: I am approving this document
Date: 2026.10.11 16:44:47 -0400'



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FBPE CERT. OF AUTHORIZATION No. 29578

FL #: **FL47291**

DATE: **01.20.25**

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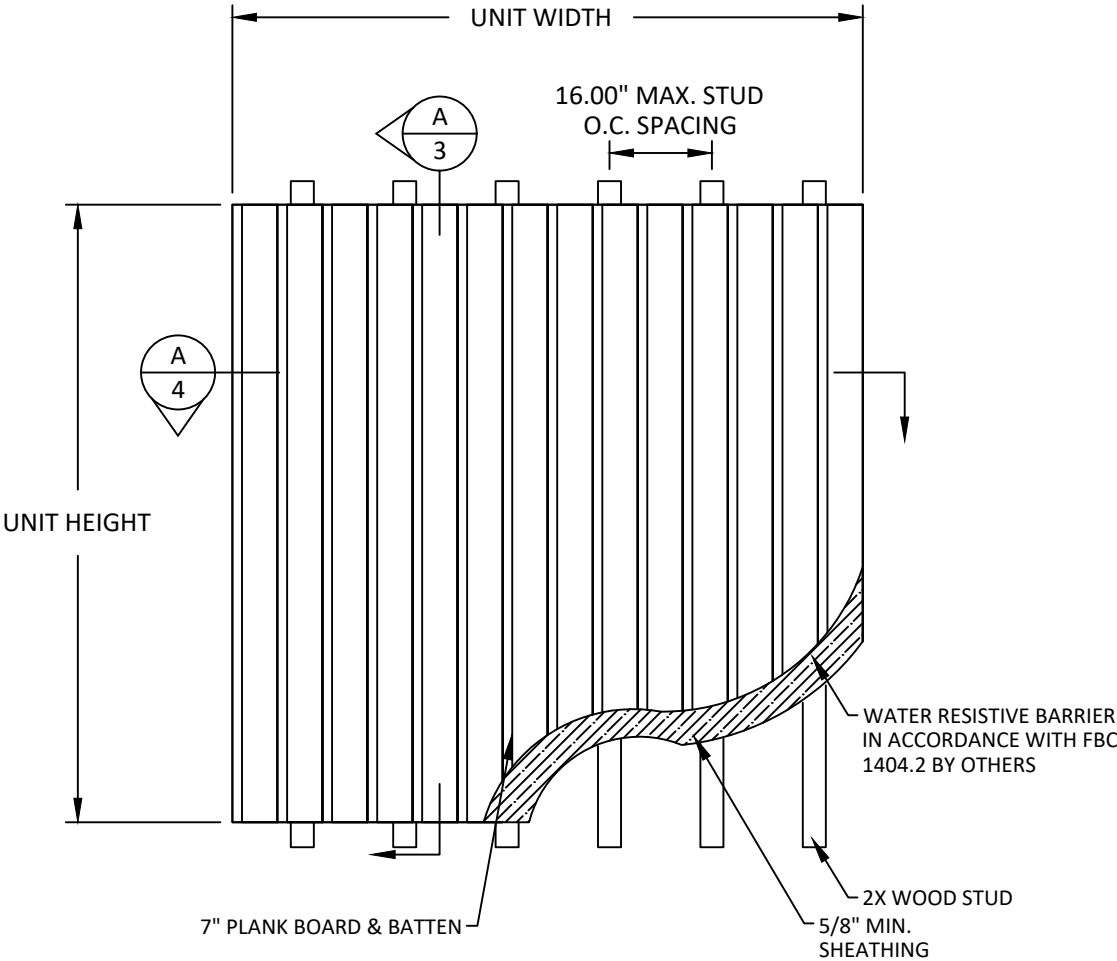
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DWG. #: **LBD005**

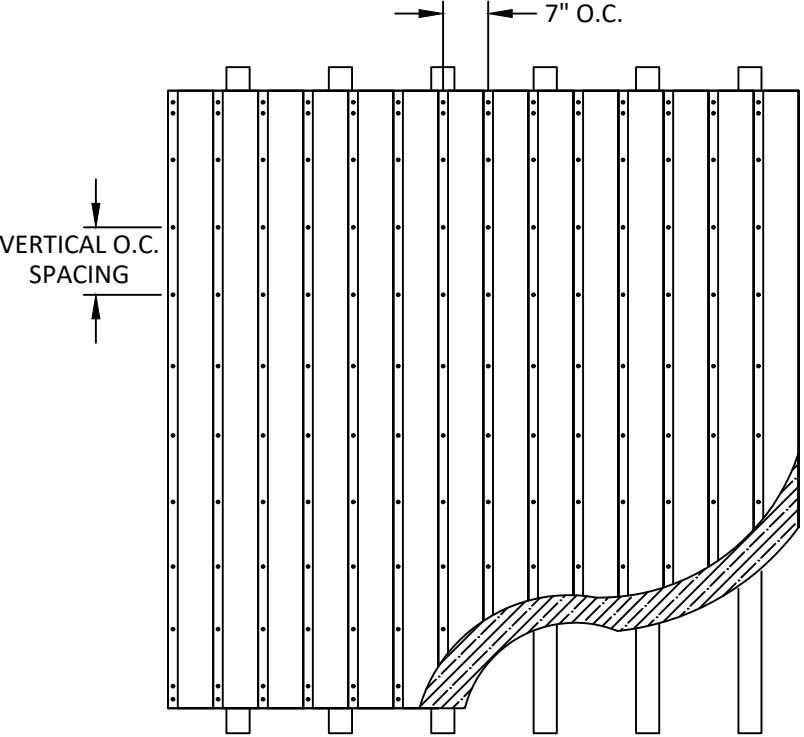
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ELEVATION



ANCHOR LAYOUT

NOTE - SEE DESIGN PRESSURE TABLE ON SHEET 1 FOR VERTICAL O.C. SPACING



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ELEVATION AND ANCHOR LAYOUT

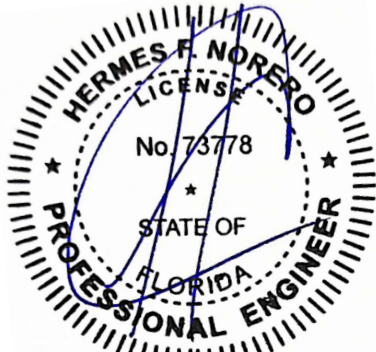
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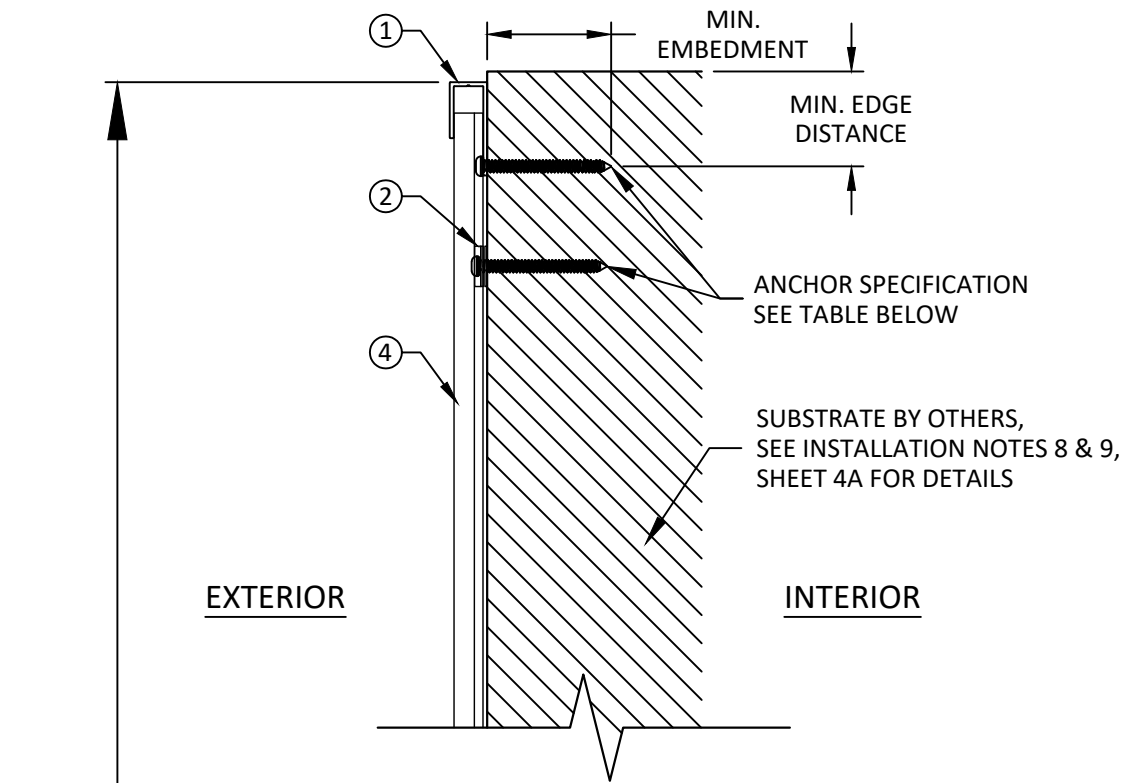
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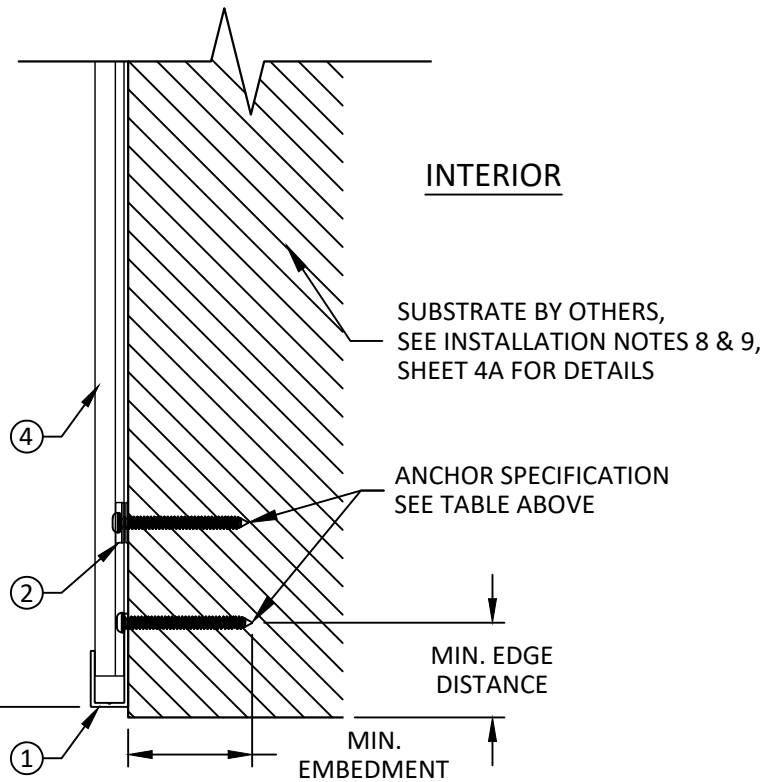
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UNIT HEIGHT

EXTERIOR

INTERIOR



A
3 VERTICAL SECTION

SUBSTRATE	ANCHOR DESCRIPTION	MIN. EMBEDMENT	MIN. EDGE DISTANCE
WOOD: MIN. S.G. = 0.55	#10 WOOD PAN HEAD SCREW OR #10 GRK R4 SS SCREW*	1.50"	0.50"
WOOD: MIN. 5/8" C/D GRADE PLYWOOD		0.25" PAST PLYWOOD STRUCTURE	1"
STEEL: MIN. 18 GA., MIN. Fy=36 KSI	#10 SELF-DRILLING/TAPPING PAN HEAD SCREW OR #10 DEWALT BIFLEX SS SCREW*	3 THREADS PENETRATION PAST METAL STRUCTURE	0.75"
ALUM.: MIN. 1/8", MIN. 6063-T5			
CONCRETE: MIN. F'C = 3000 PSI	3/16" HEX HEAD ITW TAPCON OR 3/16" CRETE-FLEX SS SCREW*	1"	1.875"
HOLLOW / GROUT-FILLED BLOCK ASTM PER C-90: MIN. F'C = 2000 PSI		1"	4"



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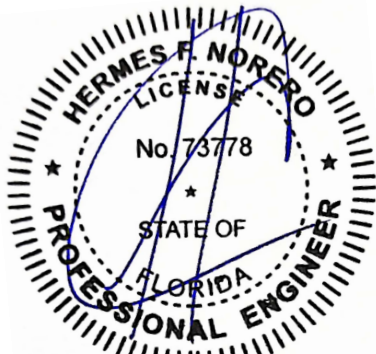
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VERTICAL SECTION AND
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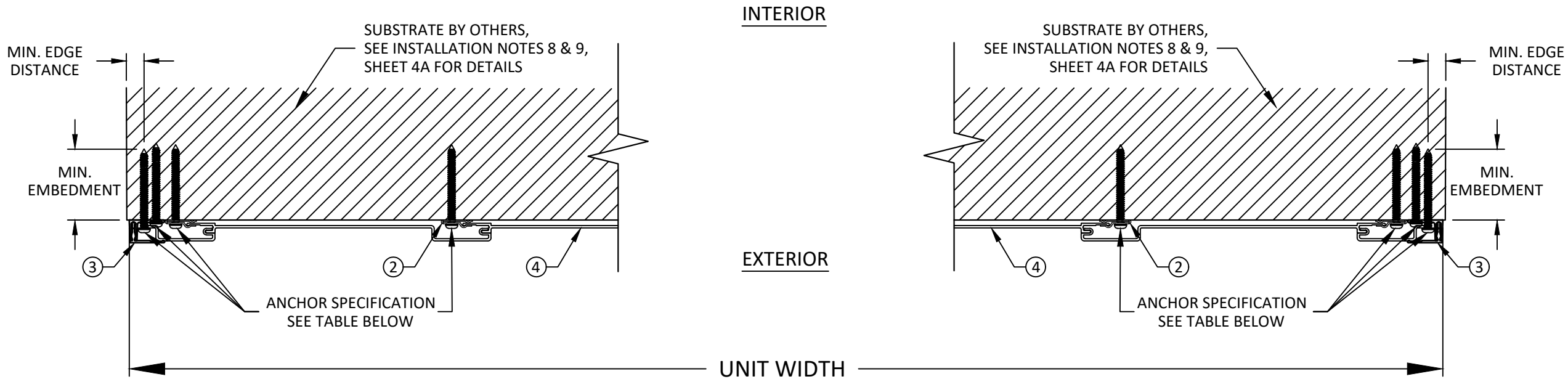
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A 4 HORIZONTAL SECTION

SUBSTRATE	ANCHOR DESCRIPTION	MIN. EMBEDMENT	MIN. EDGE DISTANCE
WOOD: MIN. S.G. = 0.55	#10 WOOD PAN HEAD SCREW OR #10 GRK R4 SS SCREW*	1.50"	0.50"
WOOD: MIN. 5/8" C/D GRADE PLYWOOD		0.25" PAST PLYWOOD STRUCTURE	1"
STEEL: MIN. 18 GA., MIN. F _y =36 KSI	#10 SELF-DRILLING/TAPPING PAN HEAD SCREW OR #10 DEWALT BIFLEX SS SCREW*	3 THREADS PENETRATION PAST METAL STRUCTURE	0.75"
ALUM.: MIN. 1/8", MIN. 6063-T5			
CONCRETE: MIN. F'C = 3000 PSI	3/16" HEX HEAD ITW TAPCON OR 3/16" CRETE-FLEX SS SCREW*	1"	1.875"
HOLLOW / GROUT-FILLED BLOCK ASTM PER C-90: MIN. F'C = 2000 PSI		1"	4"



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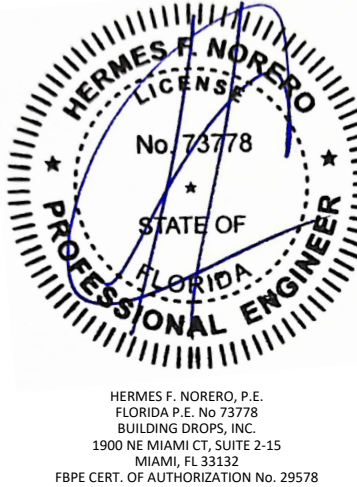
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INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
3. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2 INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
4. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, SHEATHING AND SIDING.
5. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.

5.1. FASTENERS USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE AND INSTALLED IN ENCLOSED SPACES SHALL BE GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.1 (E.G., ASTM A153 CLASS D, ASTM A641 CLASS 3S, OR EQUIVALENT CORROSION RESISTANCE).

5.2. *FASTENERS INSTALLED WITHIN 300 FEET OF A SALTWATER COASTLINE IN EXTERIOR-PARTIALLY SHELTERED OR EXTERIOR-OPEN EXPOSED SPACES SHALL BE STAINLESS STEEL PER SECTION 1711.1.1.1 (ASTM A240 TYPE 304, A305, 316, OR 410).

5.3. CONNECTORS AND METAL PLATES USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE AND INSTALLED IN ENCLOSED UNVENTED SPACES SHALL BE STANDARD GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.2 (E.G., ASTM A653 G90, ASTM A123, OR PROTECTIVE COATING PER TPI 1).

5.4. CONNECTORS AND METAL PLATES USED BETWEEN 300 AND 3,000 FEET OF A SALTWATER COASTLINE AND INSTALLED IN ENCLOSED VENTED SPACES, EXTERIOR-PARTIALLY SHELTERED OR EXTERIOR-OPEN EXPOSED SPACES SHALL BE ENHANCED GALVANIZED PER SECTION 1711.1.2.2 (ASTM A653 G185, ASTM A123 AT 2.0 OZ/SF MIN, OR TPI 1 COATING).

5.5. *CONNECTORS AND METAL PLATES USED WITHIN 300 FEET OF A SALTWATER COASTLINE IN EXTERIOR-PARTIALLY SHELTERED OR EXTERIOR-OPEN EXPOSED SPACES SHALL BE STAINLESS STEEL PER SECTION 1711.1.2.1 (ASTM A240 TYPE 316).

5.6. FASTENERS USED WITH CONNECTORS OR METAL PLATES SHALL HAVE A CORROSION-RESISTANT COATING OR COMPOSITION COMPATIBLE WITH THAT OF THE CONNECTOR/PLATE TO PREVENT GALVANIC CORROSION BETWEEN DISSIMILAR MATERIALS (SECTION 1711.1.1.3). EXCEPTION: FASTENERS AND CONNECTORS FULLY EMBEDDED IN CONCRETE OR MORTAR ARE EXEMPT FROM NOTES 4 AND 5 (SECTION 1711.1).
6. FOR HOLLOW BLOCK AND GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
7. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.
8. PRODUCT SHALL BE INSTALLED IN FRONT OF CONSTRUCTION THAT COMPLIES WITH SECTION 1626.4 OF THE FLORIDA BUILDING CODE.
9. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:

A. WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.

B. WOOD- MINIMUM 5/8" C/D GRADE PLYWOOD.

C. STEEL - MINIMUM YIELD STRENGTH OF 36 KSI. MINIMUM 18 GA. WALL THICKNESS.

D. ALUMINUM - MINIMUM 1/8 INCH THICK 6063-T5 ALUMINUM.

E. CONCRETE -MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.

F. MASONRY - CMU UNIT STRENGTH CONFORMS TO ASTM C-90, WITH MIN. COMPRESSIVE STRENGTH OF 2000 PSI AND GROUT CONFORMS TO ASTM C 476, MIN. GROUT COMPRESSIVE STRENGTH OF 2000 PSI.



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INSTALLATION NOTES

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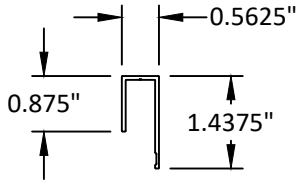
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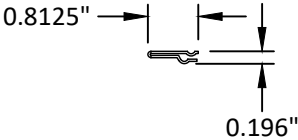
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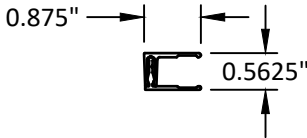
BILL OF MATERIALS		
PART NO.	DESCRIPTION	MATERIAL
1	CRAFTSMAN J-TRACK	ALUMINUM 6063-T5
2	QUICK-SCREEN CLIP	ALUMINUM 6063-T5
3	CRAFTSMAN TWO PIECE J-TRACK	ALUMINUM 6063-T5
4	7" BOARD AND BATTEN PLANK	ALUMINUM 6063-T5
5	BACK-TO-BACK STARTER	ALUMINUM 6063-T5
6	TRADITIONAL STARTER STRIP	ALUMINUM 6063-T5
7	TRADITIONAL CORNER SET	ALUMINUM 6063-T5



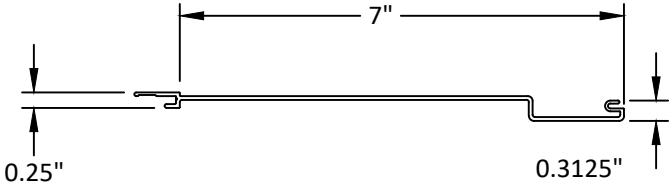
① CRAFTSMAN J-TRACK



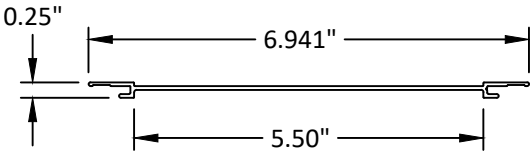
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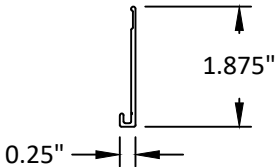
③ CRAFTSMAN TWO PIECE J-TRACK



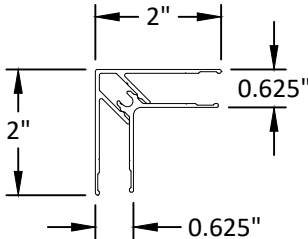
④ 7" BOARD AND BATTEN PLANK



⑤ BACK-TO-BACK STARTER



⑥ TRADITIONAL STARTER STRIP



⑦ TRADITIONAL CORNER SET



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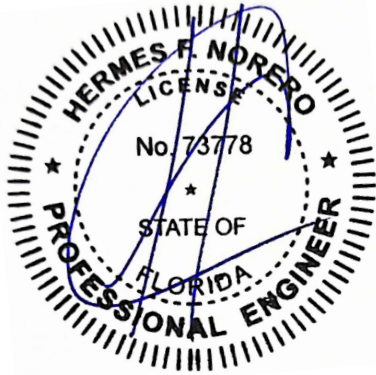
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