



PROJECT:	FLORIDA PRODUCT CODE
PROFILE:	TONGUE & GROOVE PLANK
TITLE:	PLAN, ELEVATION & SECTION

DRAWN BY:	MS
REVIEWED BY:	JH
ISSUE DATE:	JANUARY 10/2023
REVISION SCHEDULE:	01
REVISION DATE:	FEBRUARY 03/2023

- 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 201-94
    - 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.
  - 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 WALL THICKNESS: 1/16"
  - INSTALLATION OF SIDING ACCESSORIES SUCH AS CORNERS, STARTER STRIPS, TRIMS AROUND OPENINGS SHALL BE DONE IN ACCORDANCE WITH CURRENT FBC AND MANUFACTURER'S INSTRUCTIONS.
  - APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.

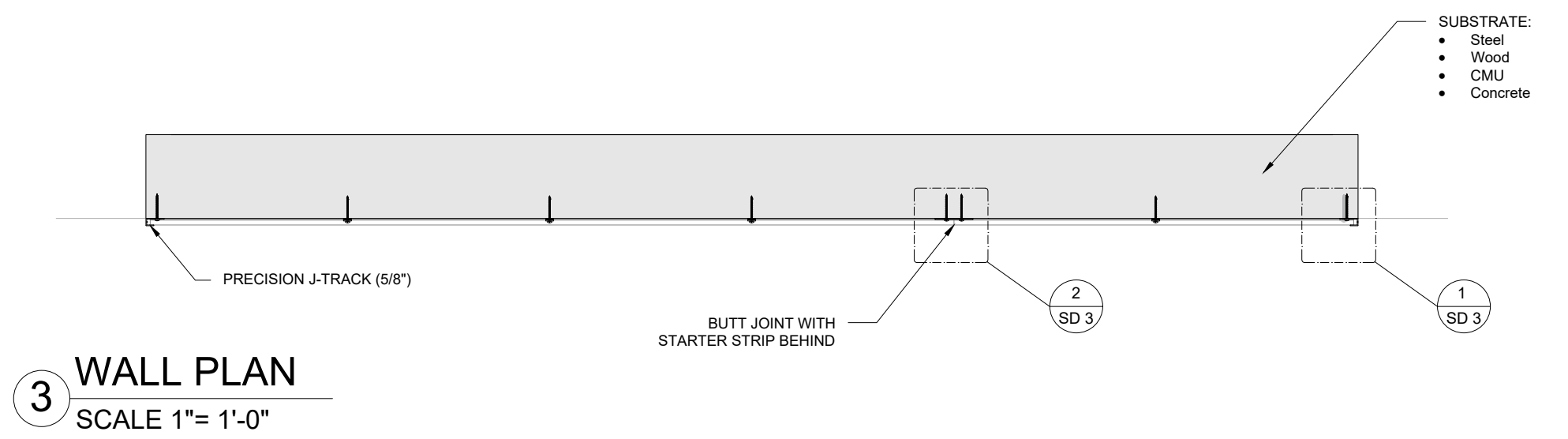
- INSTALLATION NOTES:**
- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
  - THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
  - INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2 INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
  - MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, SHEATHING AND SIDING.
  - INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
  - 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.
  - 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.
  - INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
    - WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.
    - CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.
    - 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.
    - STEEL - MINIMUM YIELD STRENGTH OF 33 KSI. MINIMUM 18 GA. WALL THICKNESS.
    - ALUMINUM - MINIMUM 1/8 INCH THICK 6063-T5 ALUMINUM.

**DESIGN PRESSURE: ±121 PSF**

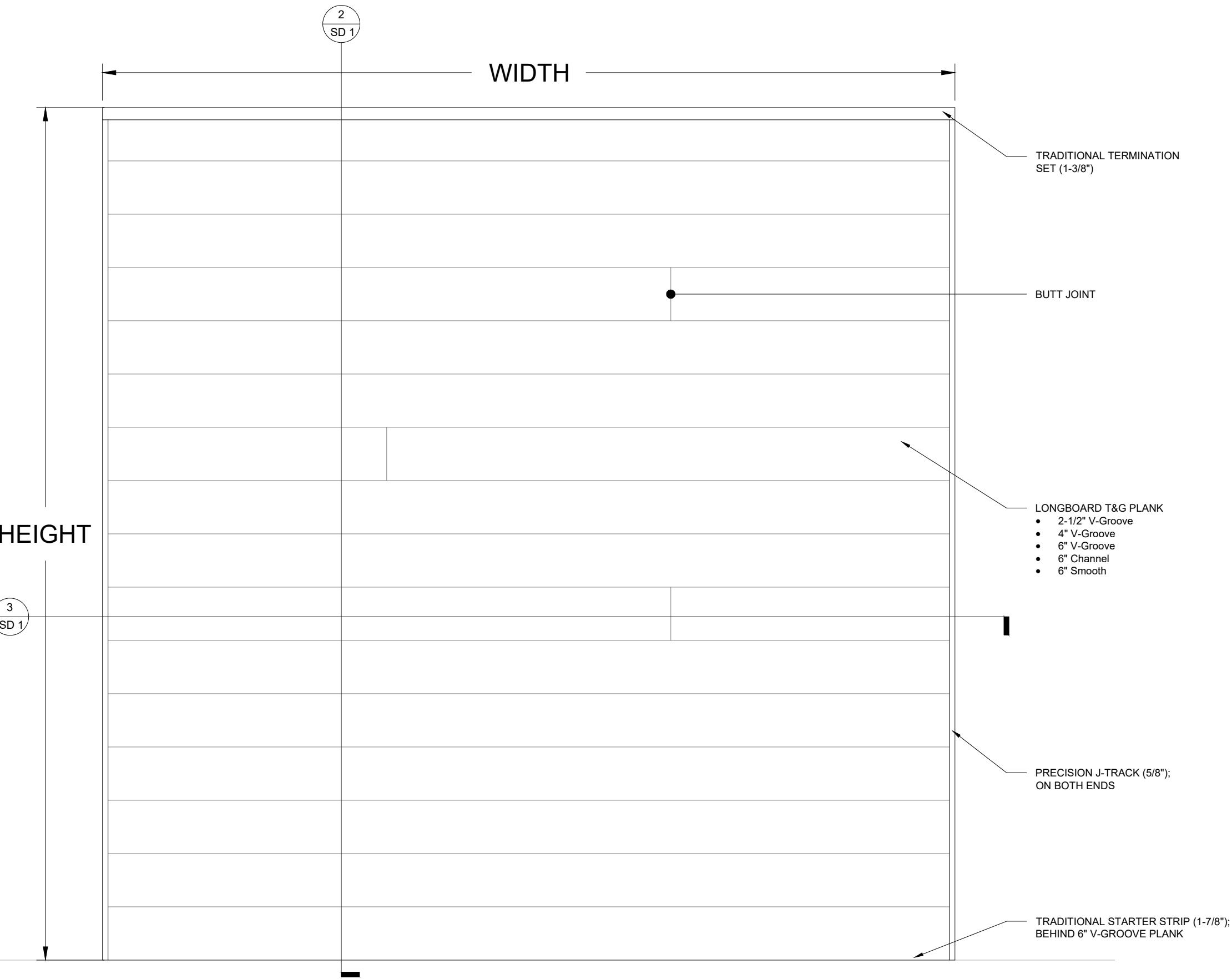
<b>GENERAL NOTES:</b>	
Design pressure	121 psf (5794 Pa)
Impact resistance	Large Missile Impact: PASS
Material	Alloy 6063
properties for extruded Aluminum planks and trim components	Temper T-5
	Min. Ultimate Tensile Strength 25.3 ksi
	Min. Yield Tensile Strength 21.4 ksi

- #8 PAN-HEAD FASTENERS MUST BE CORROSION RESISTANT AND COMPATIBLE WITH THE SUBSTRATE, TO BE SPECIFIED BY THE PROJECT DESIGNER AND/OR ENGINEER. DO NOT USE ANY FASTENER WITH A TAPERED BACKSIDE OF THE HEAD (FLAT-HEAD WOOD SCREW OR SIMILAR).
- ALWAYS ALLOW FOR THERMAL MOVEMENT OF MATERIAL. SEE INSTALLATION GUIDELINES FOR DETAILS - LONGBOARDPRODUCTS.COM/INSTALLATION
- ALL DIMENSIONS TO BE VERIFIED IN THE FIELD.

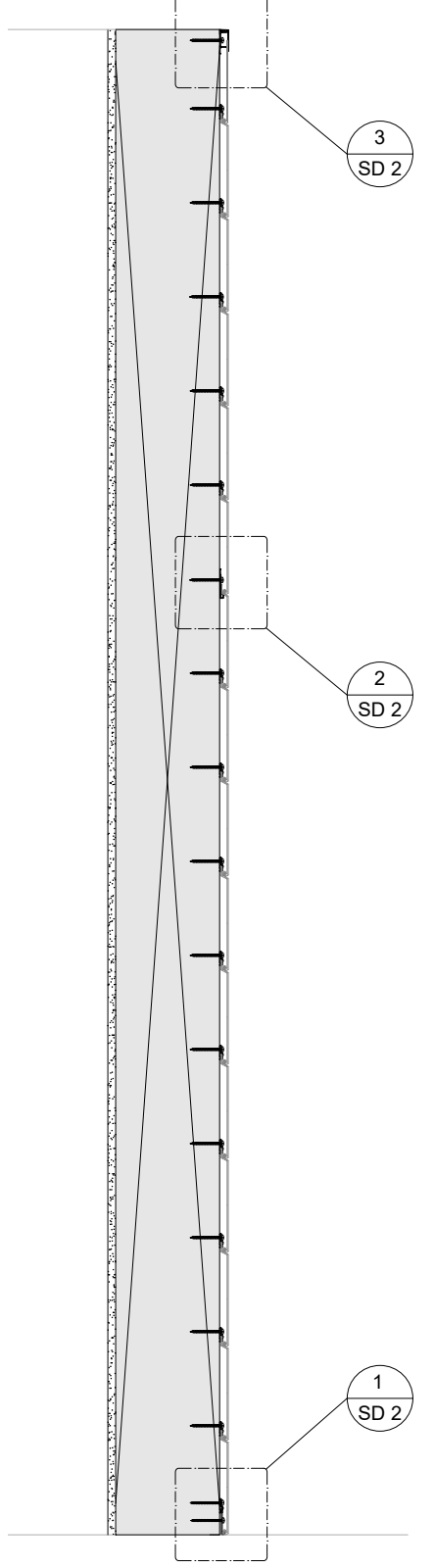
ANCHOR DESCRIPTION	SUBSTRATE REQUIREMENTS	MIN. EMBEDMENT	MIN. EDGE DISTANCE
#8 WOOD SCREW	MIN. S.G. = 0.55 WOOD	1-1/2"	3/4"
#8 TEK SCREW (GRADE 5)	STEEL: MIN. 18 GA., MIN. Fy= 36 KSI, W/ OR W/O WOOD BACKING OR, ALUM.: MIN. 1/8", MIN. 6063-T5	3 THREADS PENETRATION PAST METAL STRUCTURE	1/2"
3/16" ITW TAPCON	CONCRETE MIN. F'c = 3000 PSI	1"	1"
	HOLLOW/GROUT-FILLED BLOCK PER C-90, MIN. F'c = 2000 PSI	1"	2"



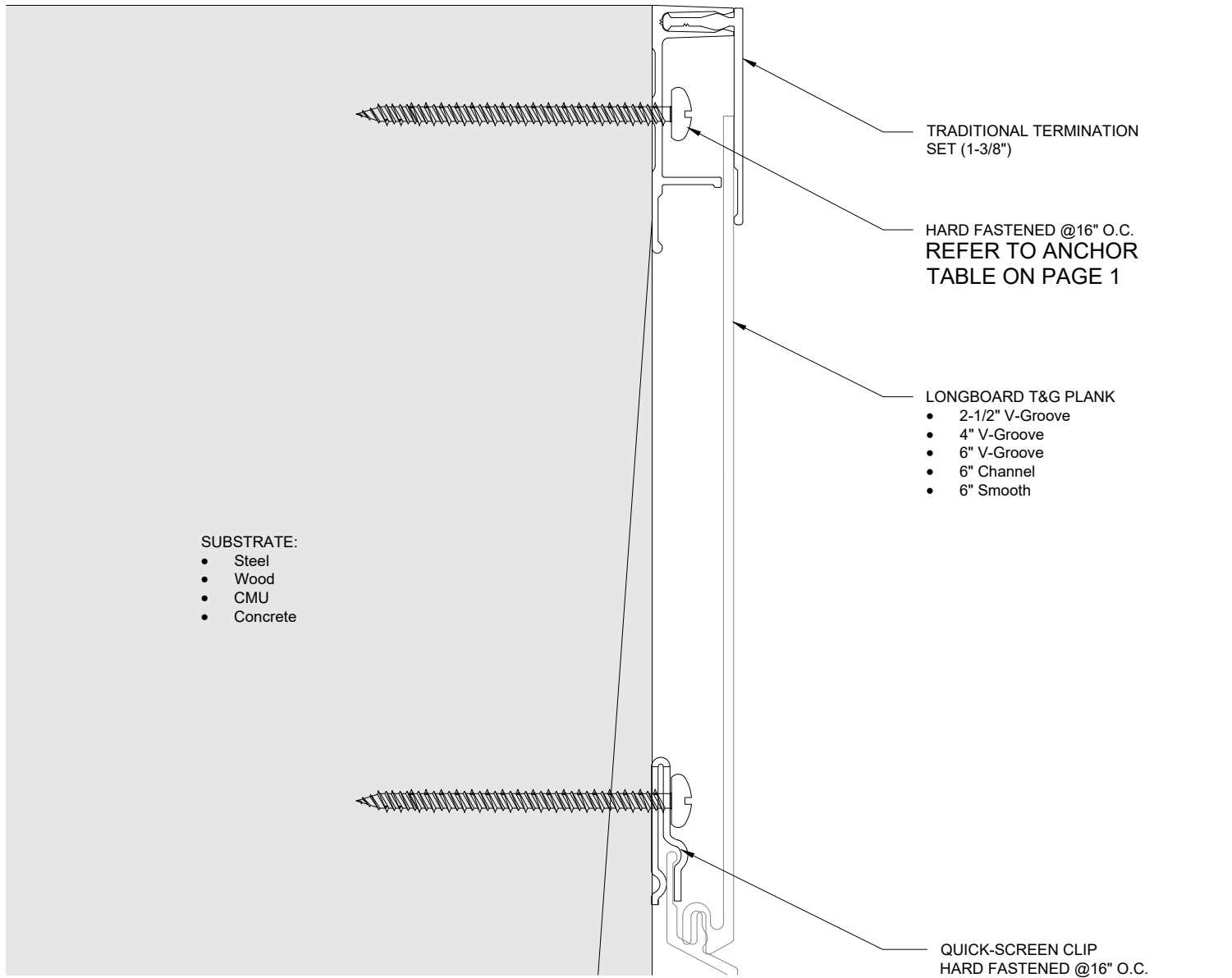
**3 WALL PLAN**  
SCALE 1"= 1'-0"



**1 WALL ELEVATION**  
SCALE 1"= 1'-0"



**2 WALL SECTION**  
SCALE 1"= 1'-0"



TRADITIONAL TERMINATION SET (1-3/8")

HARD FASTENED @16" O.C. REFER TO ANCHOR TABLE ON PAGE 1

LONGBOARD T&G PLANK

- 2-1/2" V-Groove
- 4" V-Groove
- 6" V-Groove
- 6" Channel
- 6" Smooth

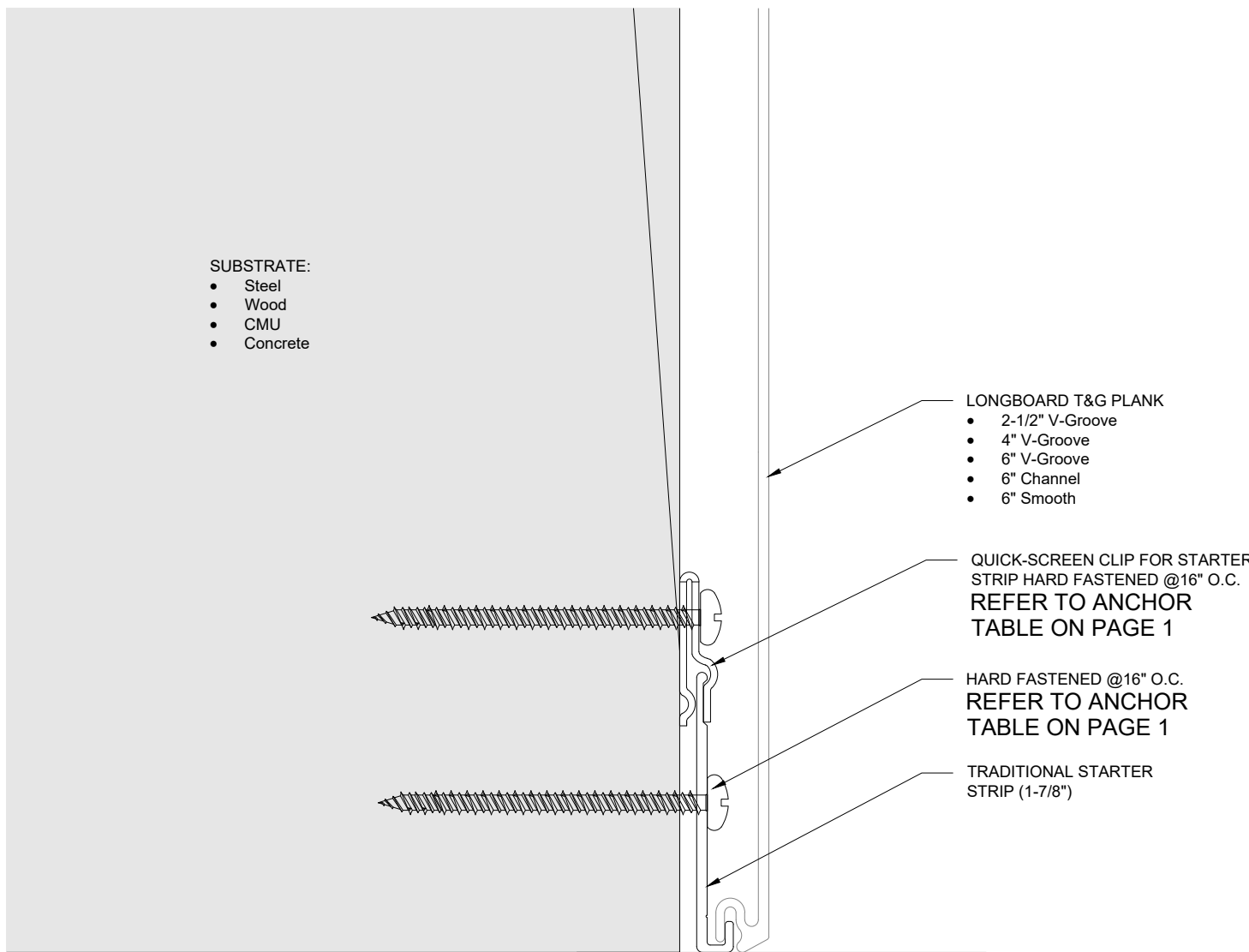
SUBSTRATE:

- Steel
- Wood
- CMU
- Concrete

QUICK-SCREEN CLIP HARD FASTENED @16" O.C. HORIZONTALLY & 6" O.C. VERTICALLY REFER TO ANCHOR TABLE ON PAGE 1

**3 TOP OF WALL DETAIL**

SCALE 1'-0" = 1'-0"



SUBSTRATE:

- Steel
- Wood
- CMU
- Concrete

LONGBOARD T&G PLANK

- 2-1/2" V-Groove
- 4" V-Groove
- 6" V-Groove
- 6" Channel
- 6" Smooth

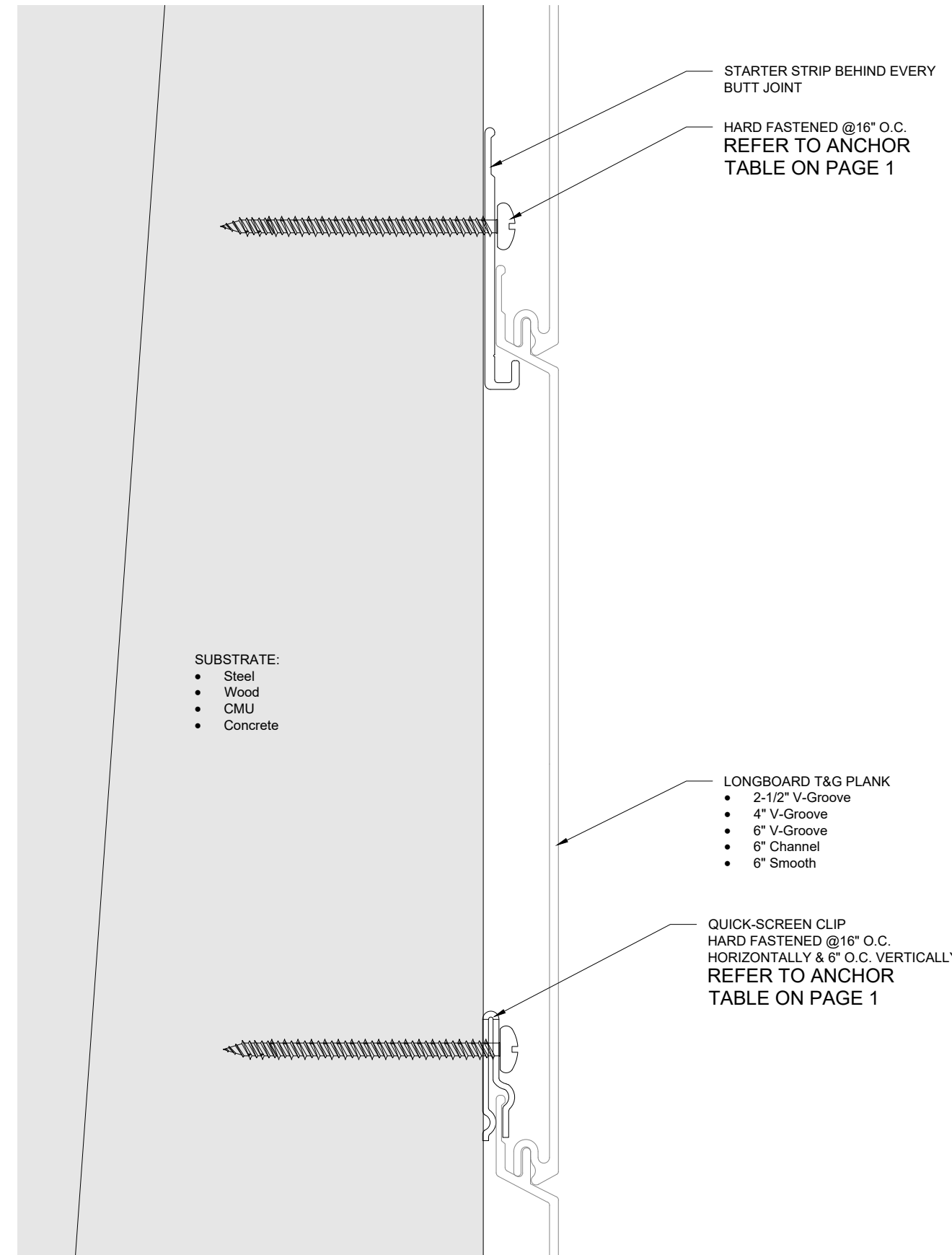
QUICK-SCREEN CLIP FOR STARTER STRIP HARD FASTENED @16" O.C. REFER TO ANCHOR TABLE ON PAGE 1

HARD FASTENED @16" O.C. REFER TO ANCHOR TABLE ON PAGE 1

TRADITIONAL STARTER STRIP (1-7/8")

**1 BOTTOM OF WALL DETAIL**

SCALE 1'-0" = 1'-0"



STARTER STRIP BEHIND EVERY BUTT JOINT

HARD FASTENED @16" O.C. REFER TO ANCHOR TABLE ON PAGE 1

SUBSTRATE:

- Steel
- Wood
- CMU
- Concrete

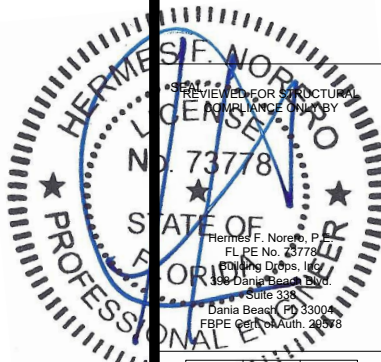
LONGBOARD T&G PLANK

- 2-1/2" V-Groove
- 4" V-Groove
- 6" V-Groove
- 6" Channel
- 6" Smooth

QUICK-SCREEN CLIP HARD FASTENED @16" O.C. HORIZONTALLY & 6" O.C. VERTICALLY REFER TO ANCHOR TABLE ON PAGE 1

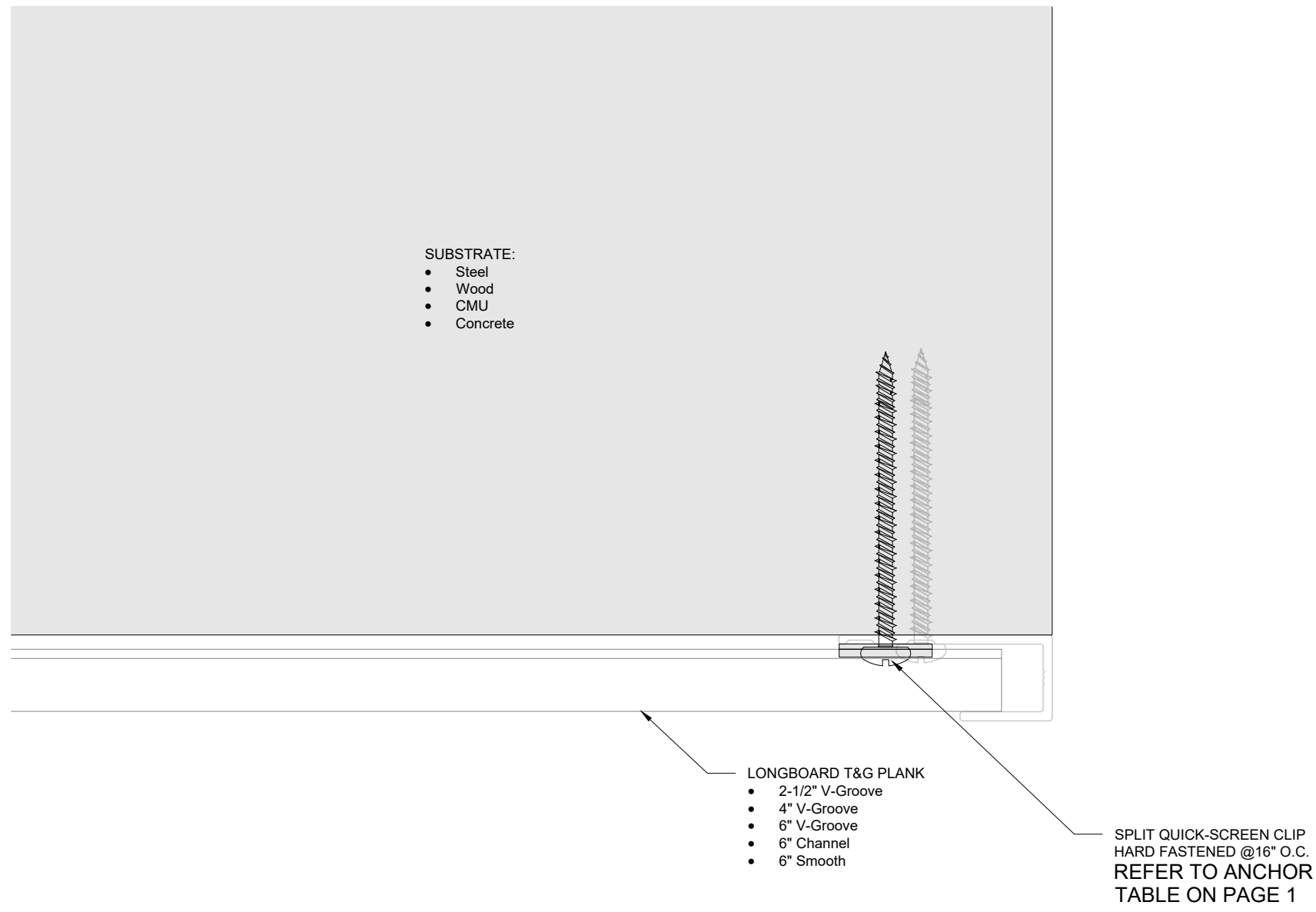
**2 VERTICAL SECTION DETAIL**

SCALE 1'-0" = 1'-0"

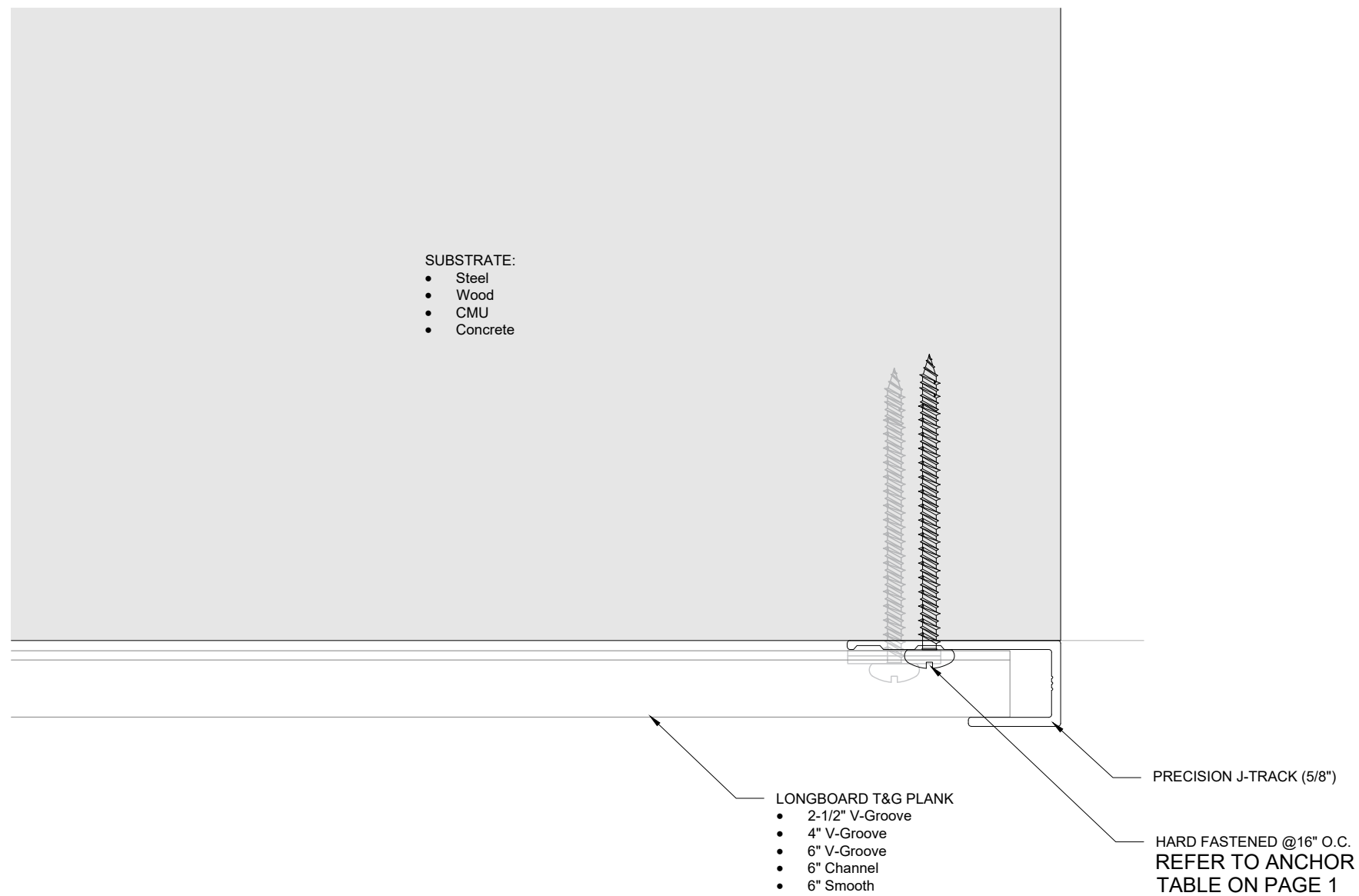


PROJECT:	FLORIDA PRODUCT CODE
PROFILE:	TONGUE & GROOVE PLANK
TITLE:	SECTION DETAILS

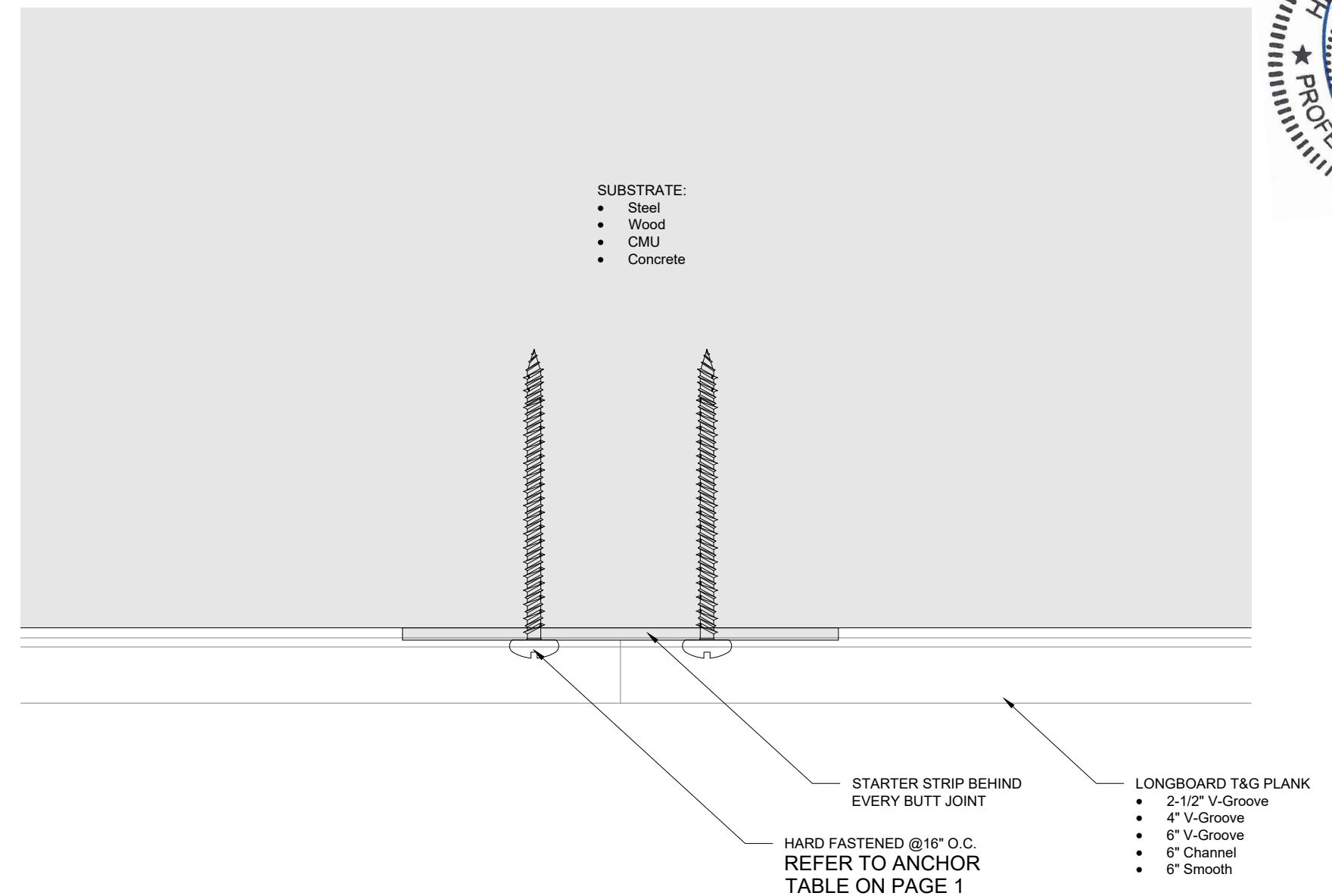
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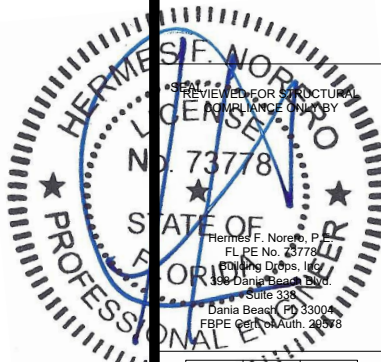
**3** PLANK ATTACHMENT AT J-TRACK  
SCALE 1'-0" = 1'-0"



**1** J-TRACK ATTACHMENT (Typ. on both ends)  
SCALE 1'-0" = 1'-0"

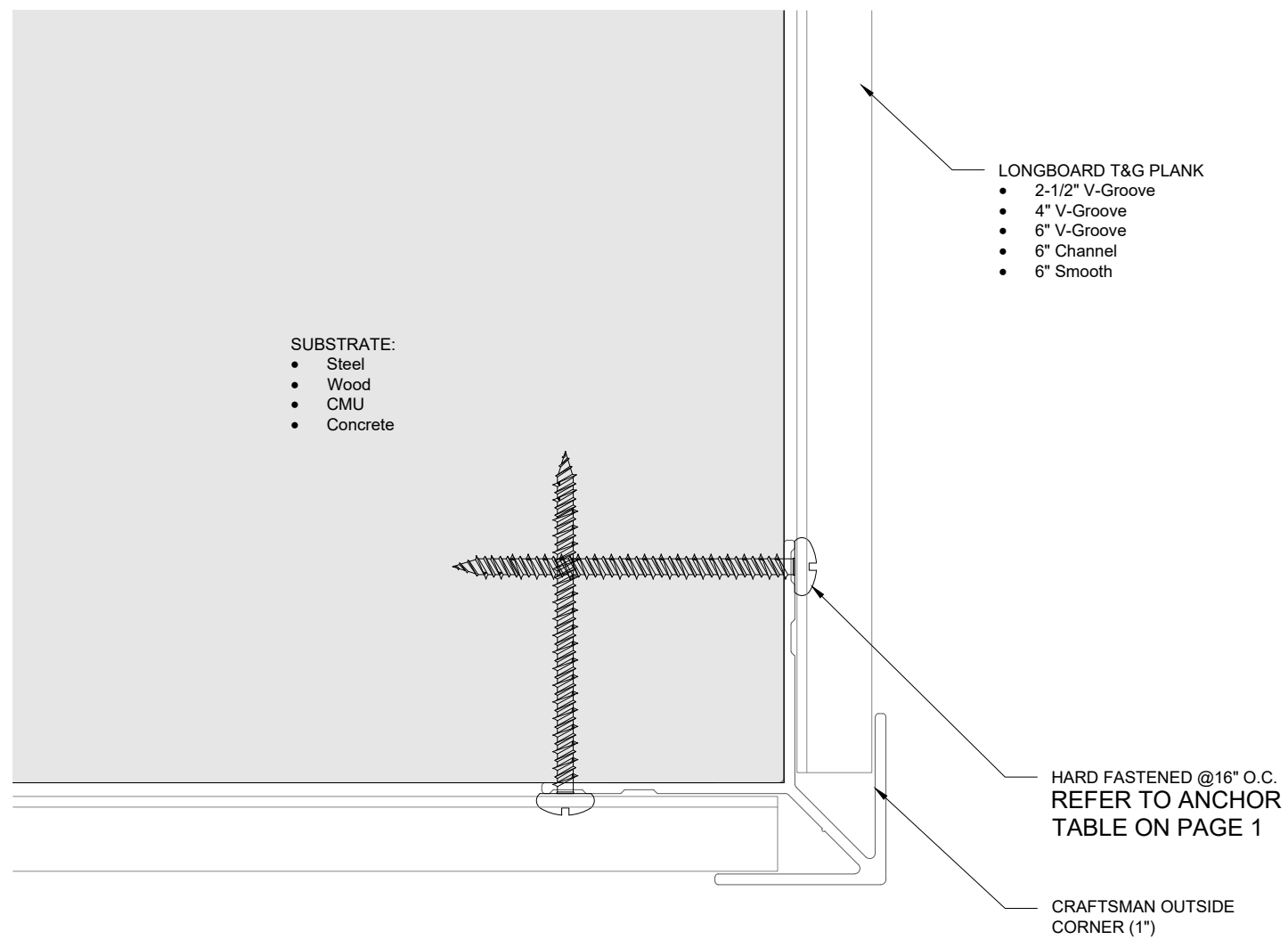


**2** TYPICAL BUTT-JOINT DETAIL  
SCALE 1'-0" = 1'-0"

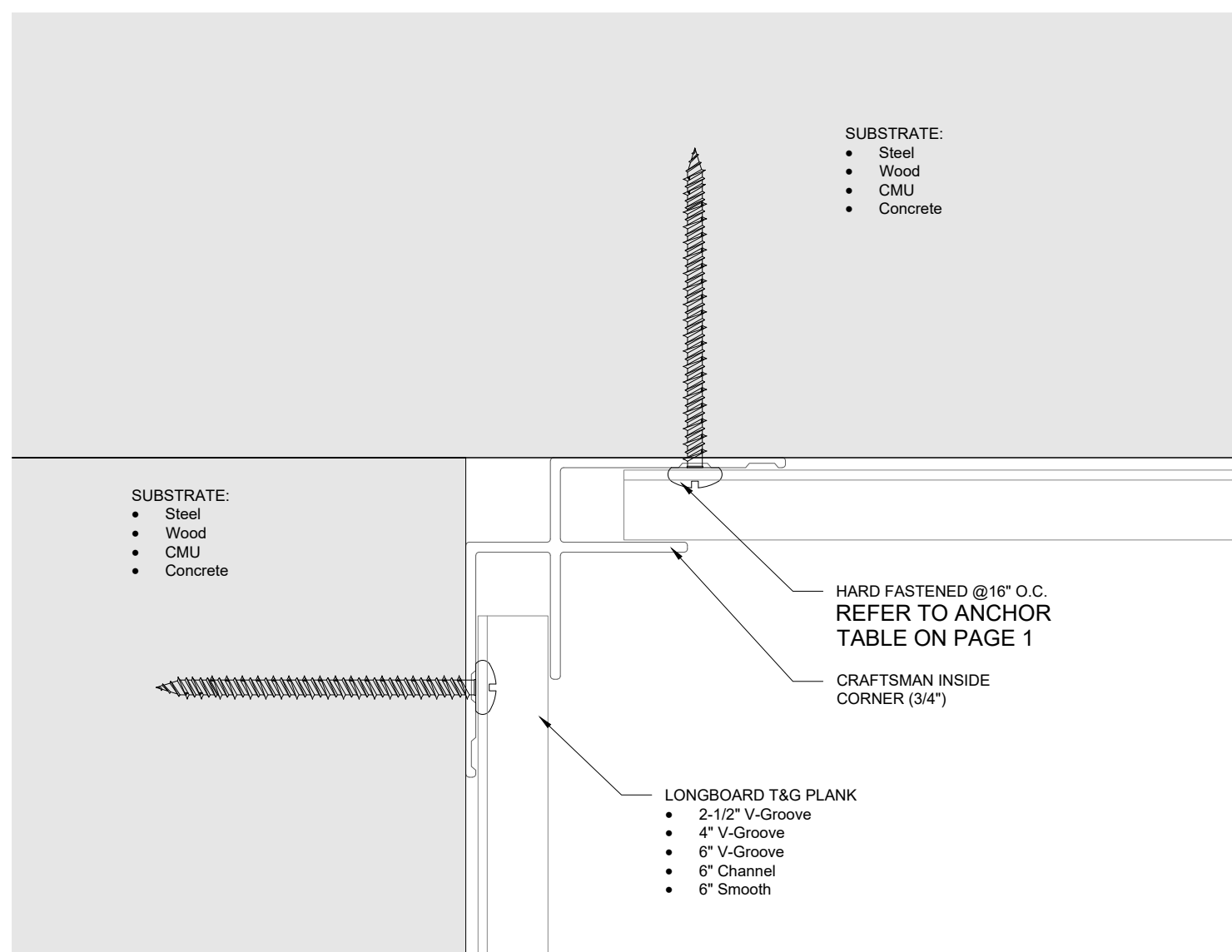


PROJECT:	FLORIDA PRODUCT CODE
PROFILE:	TONGUE & GROOVE PLANK
TITLE:	ENLARGED PLAN DETAILS

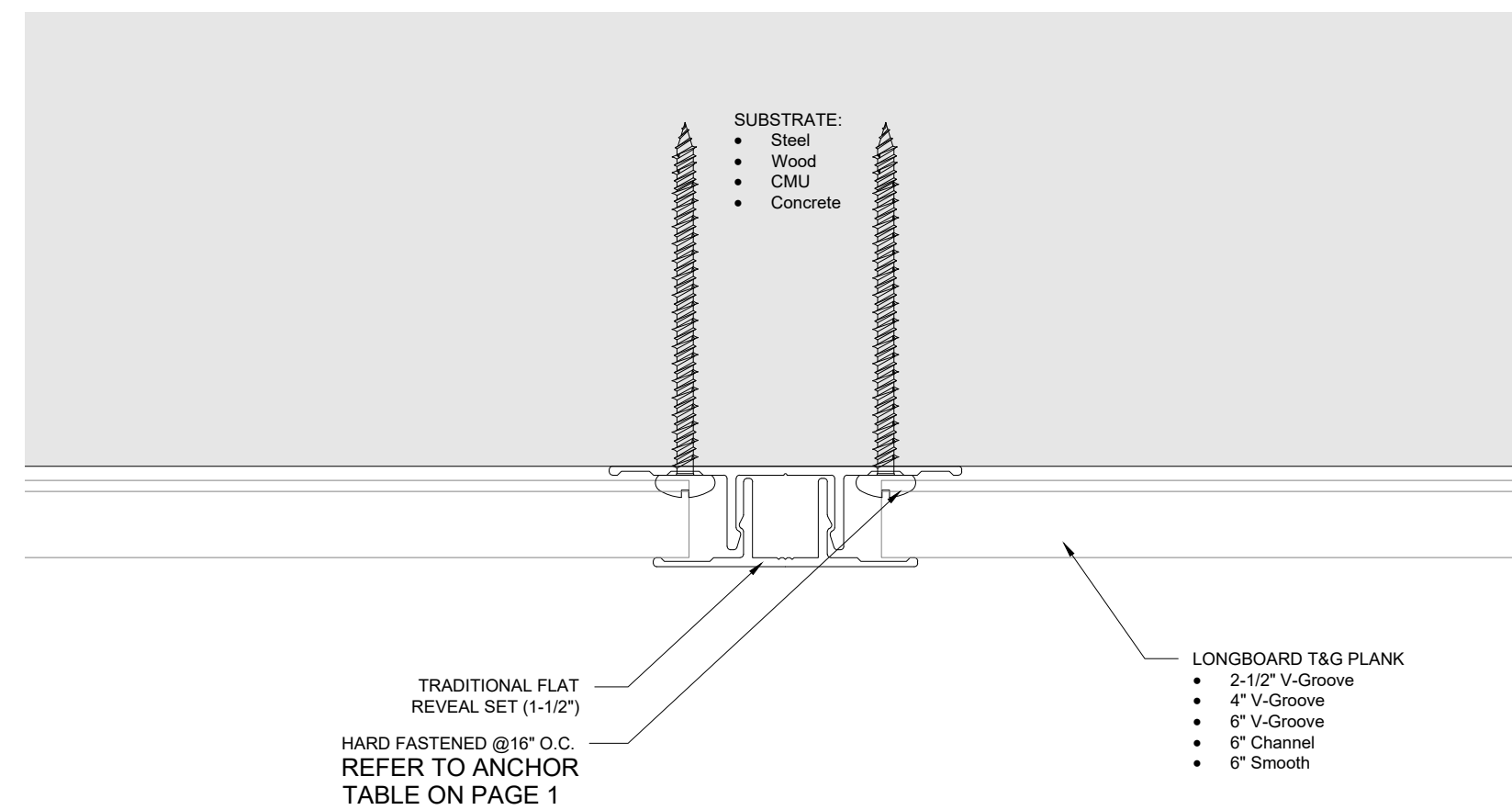
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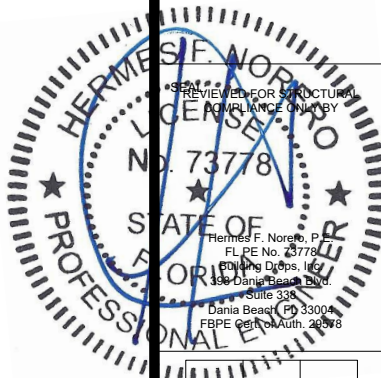
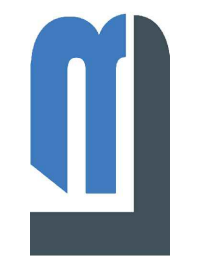
**3** TYPICAL OUTSIDE CORNER DETAIL  
SCALE 1'-0" = 1'-0"



**1** TYPICAL INSIDE CORNER DETAIL  
SCALE 1'-0" = 1'-0"

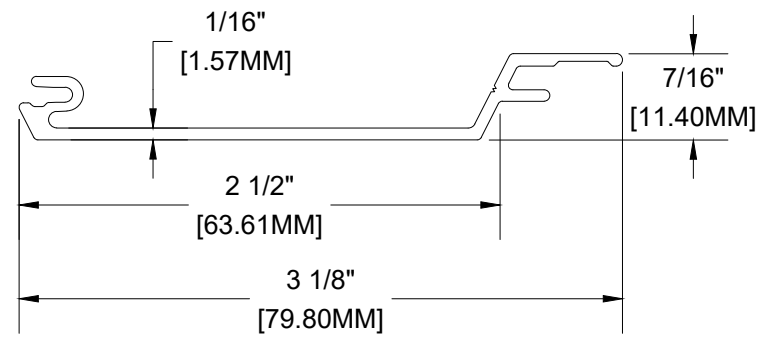


**2** TYPICAL FLAT REVEAL DETAIL  
SCALE 1'-0" = 1'-0"



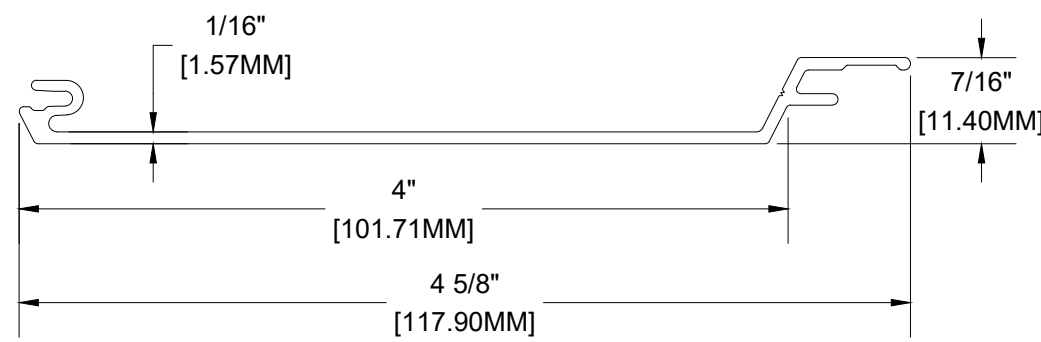
PROJECT:	FLORIDA PRODUCT CODE
PROFILE:	TONGUE & GROOVE PLANK
TITLE:	TYPICAL DETAILS

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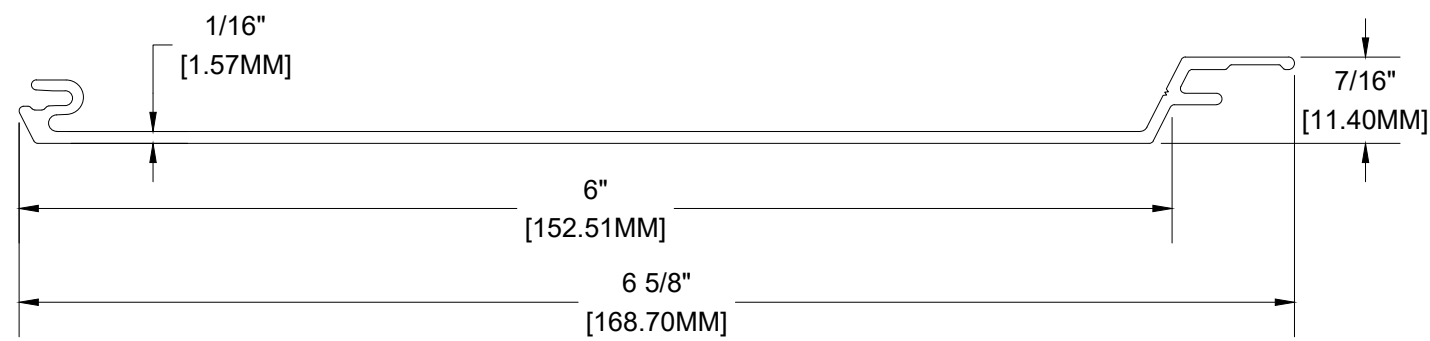
MATERIAL = ALUMINUM  
 ALLOY = 6063  
 TEMPER = T-5

5 **2-1/2" V-GROOVE PLANK**  
 SCALE 1'-0"= 1'-0"



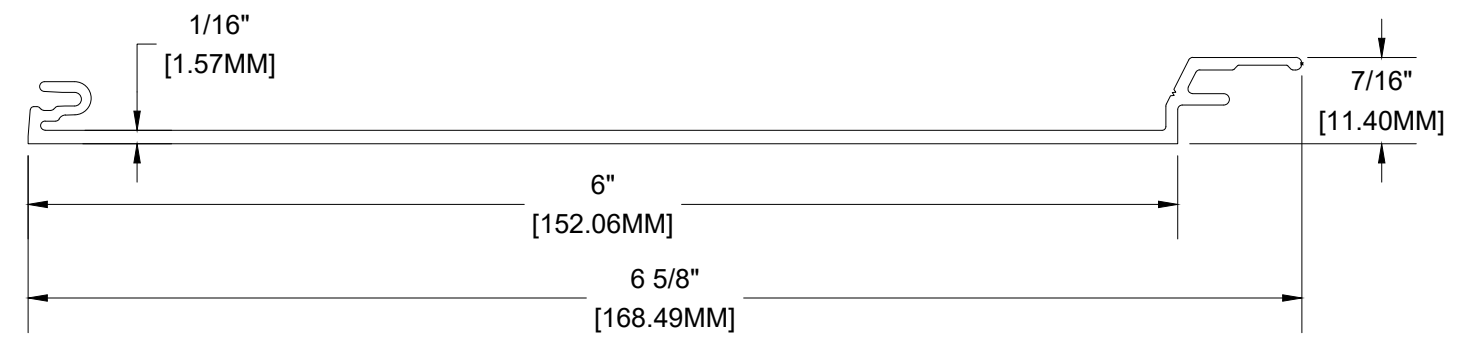
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 ALLOY = 6063  
 TEMPER = T-5

4 **4" V-GROOVE PLANK**  
 SCALE 1'-0"= 1'-0"



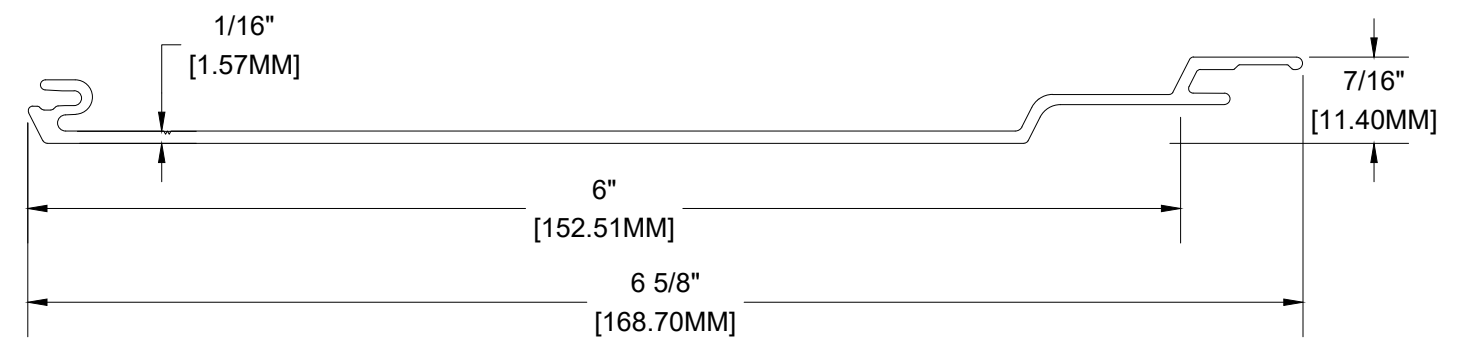
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 TEMPER = T-5

3 **6" V-GROOVE PLANK**  
 SCALE 1'-0"= 1'-0"



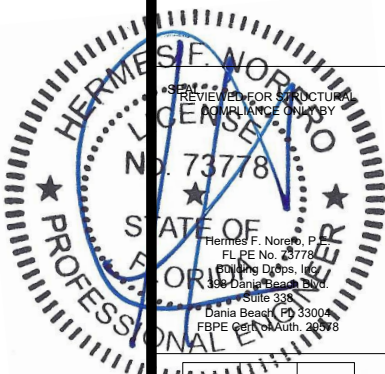
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1 **6" SMOOTH PLANK**  
 SCALE 1'-0"= 1'-0"



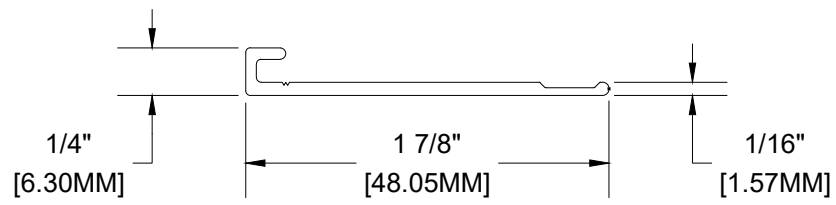
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2 **6" CHANNEL PLANK**  
 SCALE 1'-0"= 1'-0"



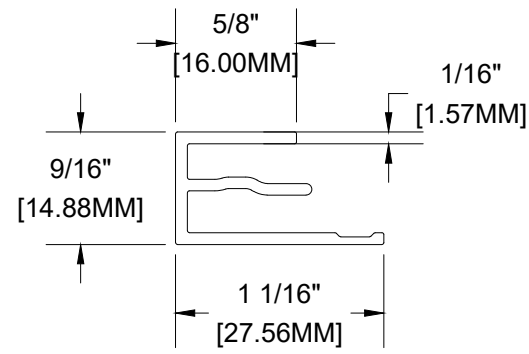
PROJECT:	FLORIDA PRODUCT CODE
PROFILE:	TONGUE & GROOVE PLANK
TITLE:	TYPICAL PLANKS

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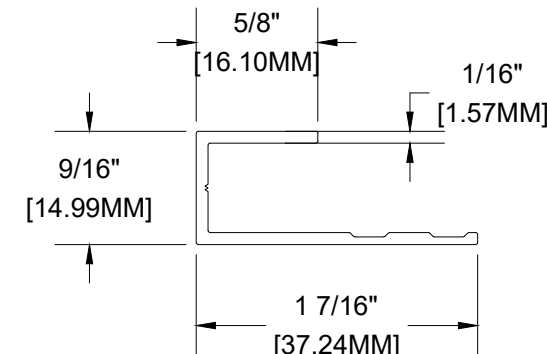
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1 TRADITIONAL STARTER STRIP  
 SCALE 1'-0"= 1'-0"



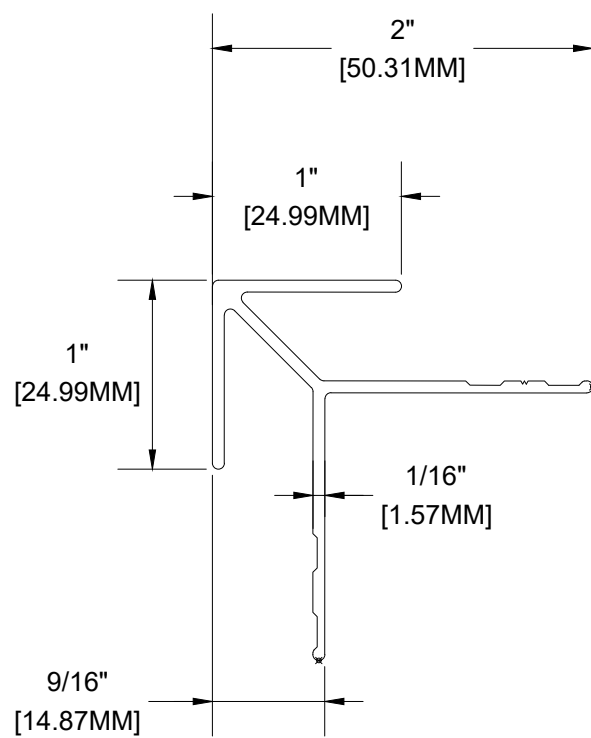
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8 PRECISION STARTER J-TRACK  
 SCALE 1'-0"= 1'-0"



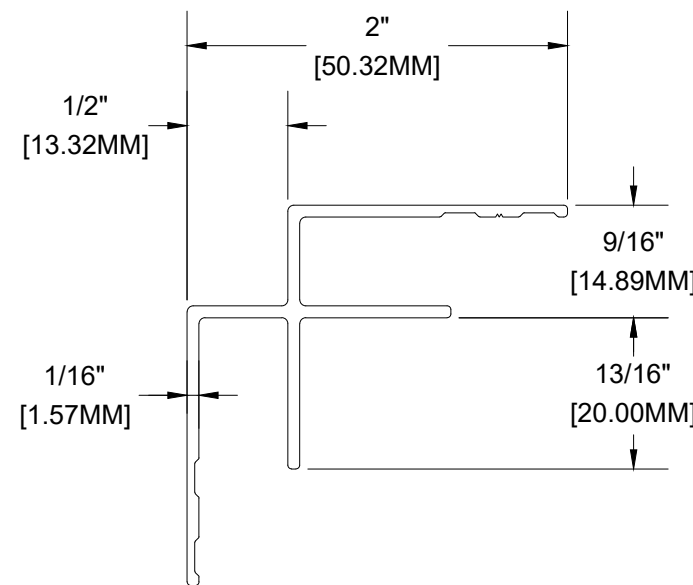
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6 PRECISION J-TRACK  
 SCALE 1'-0"= 1'-0"



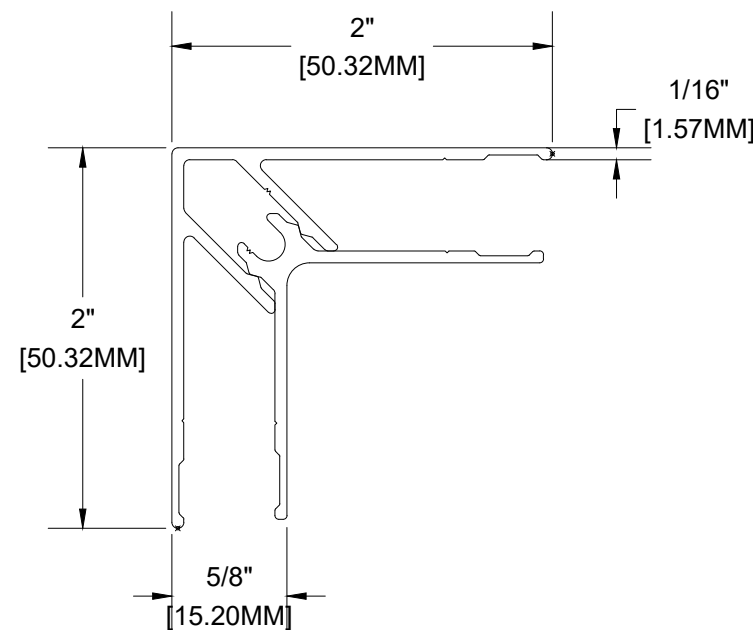
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4 CRAFTSMAN OUTSIDE CORNER  
 SCALE 1'-0"= 1'-0"



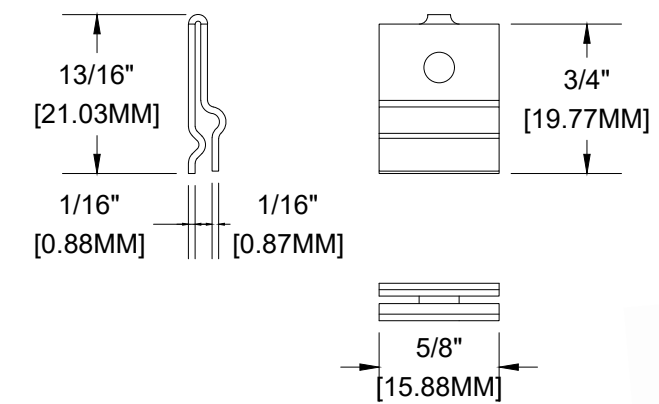
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5 CRAFTSMAN INSIDE CORNER  
 SCALE 1'-0"= 1'-0"



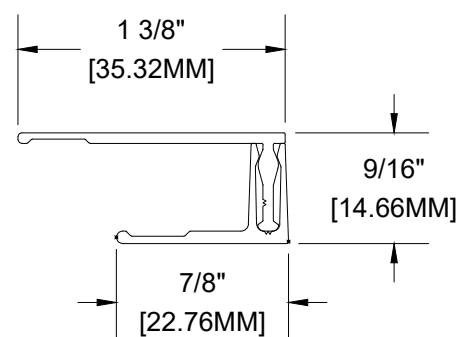
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5 CRAFTSMAN INSIDE CORNER  
 SCALE 1'-0"= 1'-0"



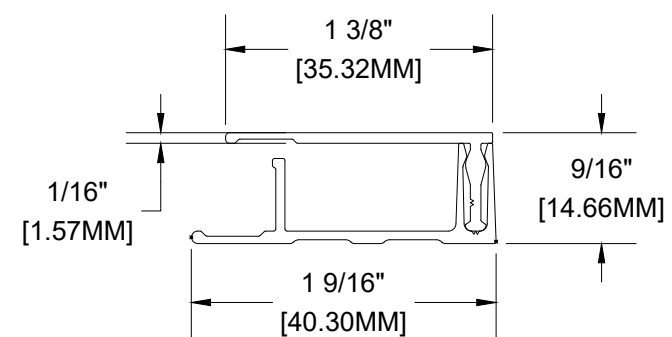
MATERIAL = 316 STAINLESS STEEL

7 QUICK SCREEN CLIP  
 SCALE 1'-0"= 1'-0"



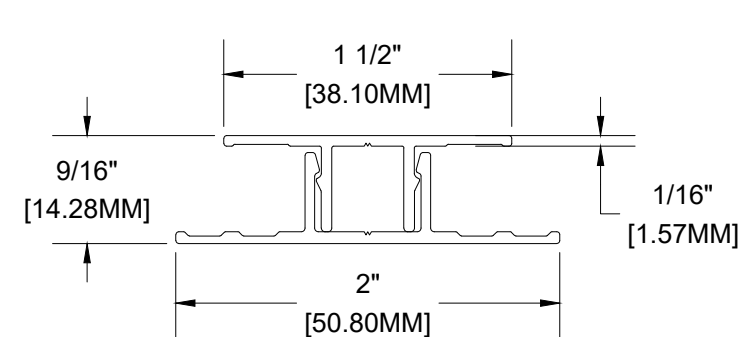
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2 TRADITIONAL TERMINATION SET  
 SCALE 1'-0"= 1'-0"



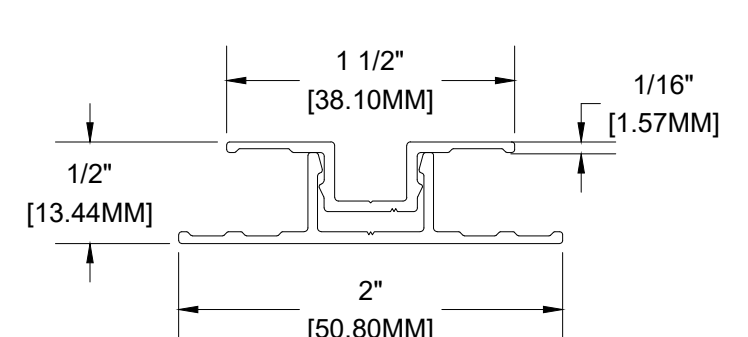
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2 TRADITIONAL TERMINATION SET  
 SCALE 1'-0"= 1'-0"



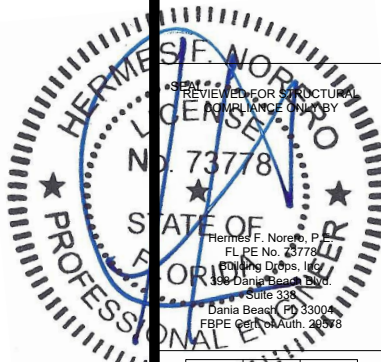
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3 TRADITIONAL FLAT REVEAL SET  
 SCALE 1'-0"= 1'-0"



MATERIAL = ALUMINUM  
 ALLOY = 6063  
 TEMPER = T-5

3 TRADITIONAL U-REVEAL SET  
 SCALE 1'-0"= 1'-0"



PROJECT:	FLORIDA PRODUCT CODE
PROFILE:	TONGUE & GROOVE PLANK
TITLE:	TRIM COMPONENTS

DRAWN BY:	MS
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