

LONGBOARD ARCHITECTURAL PRODUCTS

TONGUE & GROOVE SOFFIT SYSTEM

(HVHZ)

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC) **INCLUDING** HVHZ. ALL PRODUCTS UNDER THE SCOPE OF THIS DOCUMENT HAVE BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - TAS 202-94
 - TAS 203-94
 - ASTM E8-16
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/ MASONRY, 2X AND METAL STUD 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 BUCKS (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 IN NON-HVHZ AREAS.
- MATERIAL: ALUMINUM 6063-T5
- INSTALLATION OF SOFFIT ACCESSORIES SUCH AS QUICK-SCREEN CLIPS SHALL BE DONE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE AND THE MANUFACTURER'S INSTRUCTIONS.

INSTALLATION NOTES:

- ONE (1) INSTALLATION FASTENER IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- INSTALLATION FASTENERS SHALL BE #10 PH SCREWS OR #10 GRK R4 SS SCREWS* WITH SUFFICIENT LENGTH TO ACHIEVE 1.5" MIN. EMBEDMENT.
- INSTALLATION FASTENERS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. FASTENER EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING.
- INSTALLATION FASTENERS SHALL BE SPACED 16" O.C. NAILED THROUGH THE QUICK-SCREEN CLIP INTO FRAMING AT EACH END OF THE SOFFIT.
- INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
 - 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).
 - *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).
 - 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).
 - 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).
 - *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).
 - 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 NOTE 5 (SECTION 1711.1).
- INSTALLATION FASTENERS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND FASTENERS 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.

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	GENERAL NOTES, INSTALLATION NOTES AND DESIGN PRESSURE TABLE
2	INSTALLATION DETAILS
3	SOFFIT DETAILS
4	COMPONENTS

DESIGN RATING	
ANCHOR SPACING	DESIGN PRESSURE
16"	+/- 121 PSF



1777 CLEARBROOK RD #120
ABBOTSFORD, BC V2T 5X5, CANADA
PH: (800) 604-0343

TITLE:
TONGUE & GROOVE SOFFIT SYSTEM
(HVHZ)

GENERAL NOTES, INSTALLATION NOTES &
DESIGN PRESSURE TABLE

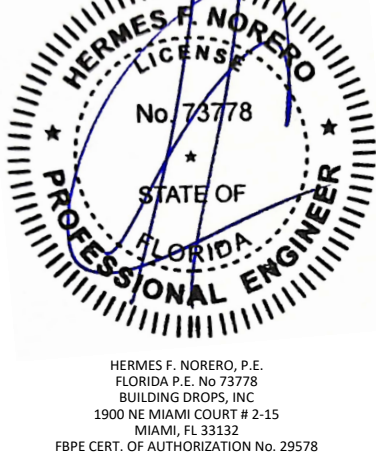
PREPARED BY:
 BUILDING DROPS

BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
MISC. UPDATES	DI	4/30/2025
2026 FBC UPDATE	LS	07/2026

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.

Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2026.10.21 16:52:27 -0400'



FL #:

FL41776

DATE:

10.21.22

DWG. BY:

MS

CHK. BY:

HFN

SCALE:

NTS

DWG. #:

LBD002

SHEET:

1

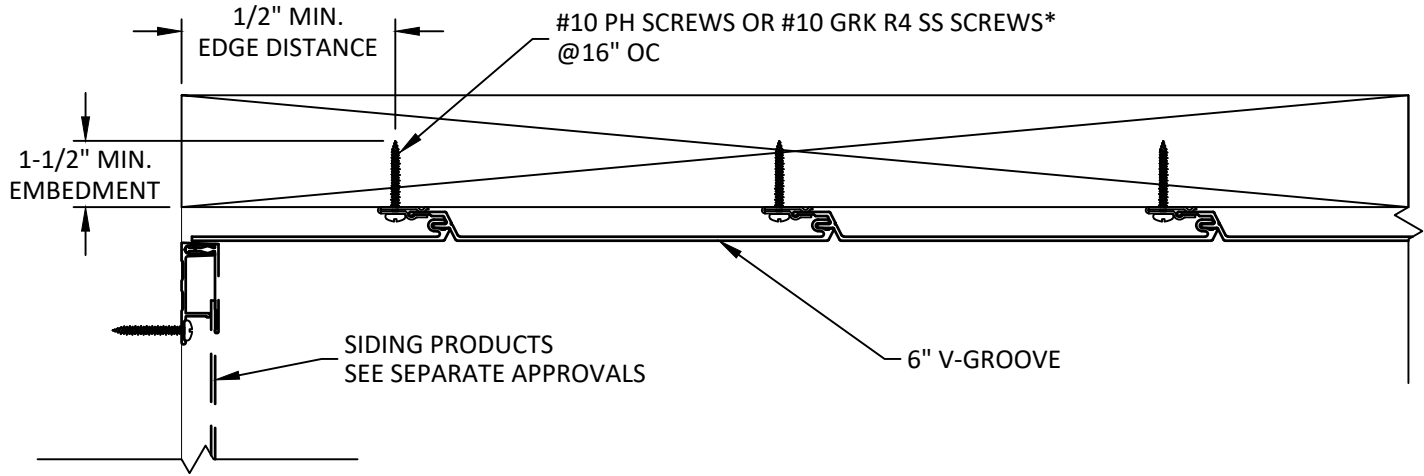
REV.

B

OF 4

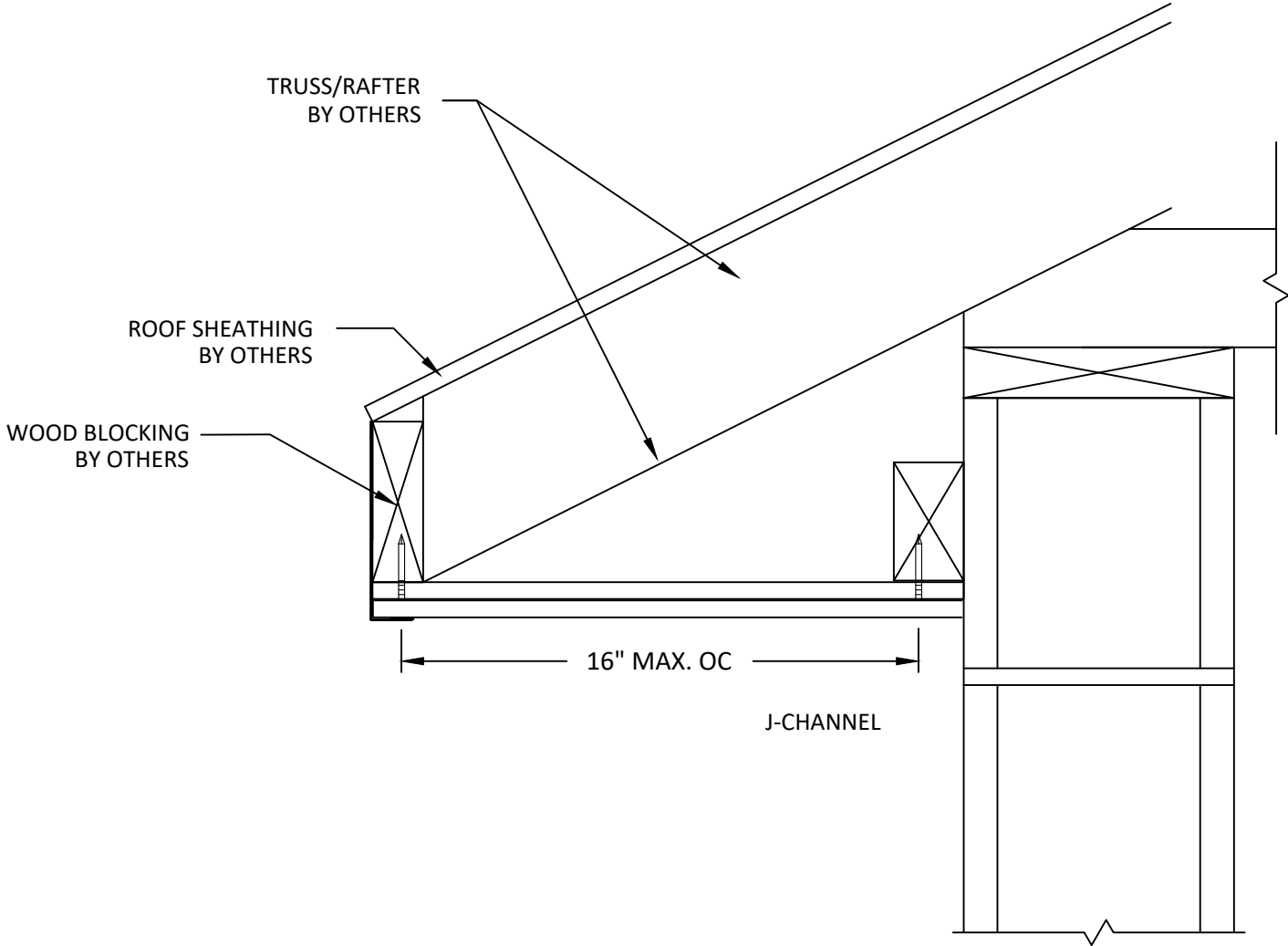
c:\users\danielbuitrago\building drops, inc.\building drops landing - common\projects\2026 code change projects\longboard architectural products\cc-26-0234.3 - 2026 code change - 1711\dwgs\141776-r3\lbd002-b.dwg

10/2/2026 9:56 AM



A
2 **INSTALLATION DETAIL**
TYPICAL

6" V-GROOVE SHOWN,
OTHER PROFILES SIMILAR:
2-1/2" V-GROOVE
4" V-GROOVE
4" V-GROOVE W/ RIB
6" V-GROOVE W/ RIB
6" SMOOTH PLANK
6" V-CHANNEL
6" V-CHANNEL W/ RIB



1777 CLEARBROOK RD #120
ABBOTSFORD, BC V2T 5X5, CANADA
PH: (800) 604-0343

TITLE:
TONGUE & GROOVE SOFFIT SYSTEM
(HVHZ)

INSTALLATION DETAILS

PREPARED BY:

BUILDING DROPS

BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com

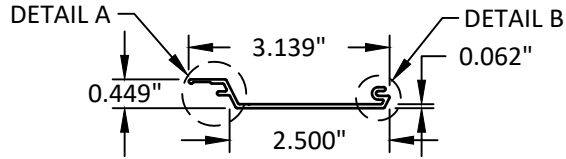
REMARKS	BY	DATE
MISC. UPDATES	DI	4/30/2025
2026 FBC UPDATE	LS	07/2026

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.

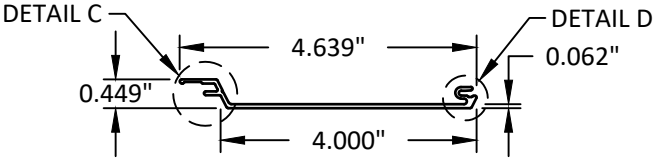
HERMES F. NORERO, P.E.
FLORIDA P.E. No. 73778
BUILDING DROPS, INC
1900 NE MIAMI COURT # 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:	FL41776	
DATE:	10.21.22	
DWG. BY:	MS	CHK. BY: HFN
SCALE:	NTS	
DWG. #:	LBD002	
SHEET:	2	REV. B

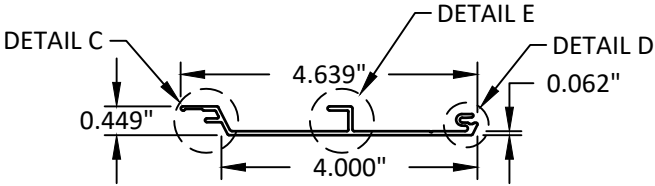
COMPONENTS



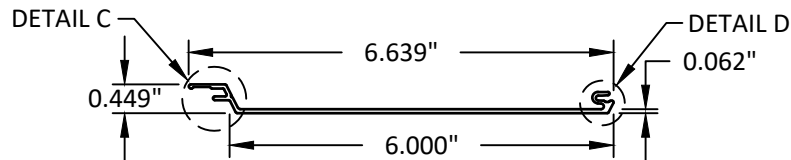
2-1/2" V-GROOVE



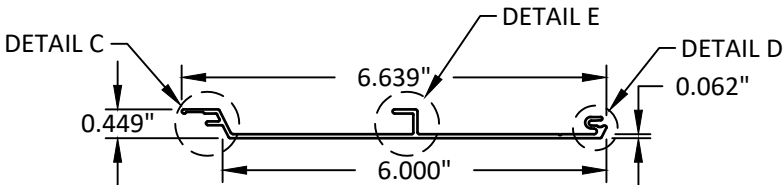
4" V-GROOVE



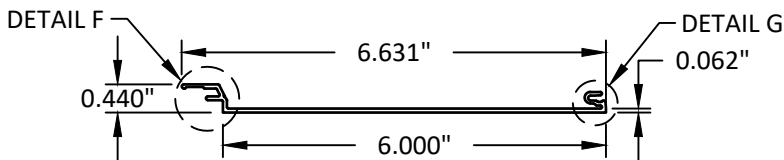
4" V-GROOVE W/ RIB



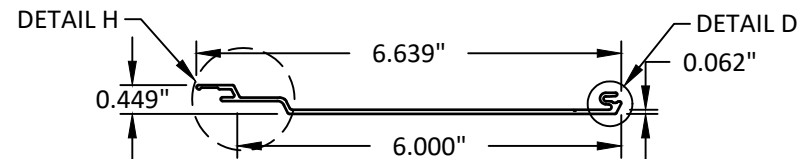
6" V-GROOVE



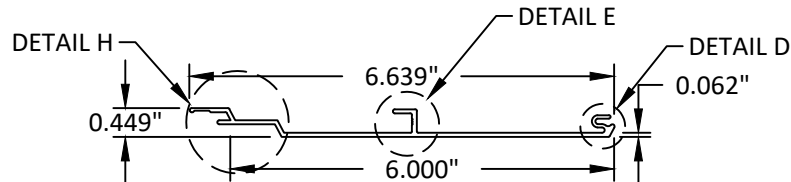
6" V-GROOVE W/ RIB



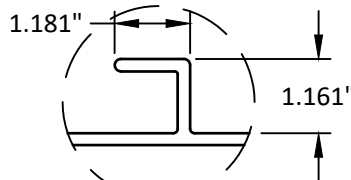
6" SMOOTH PLANK



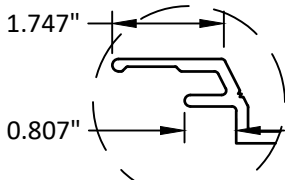
6" CHANNEL



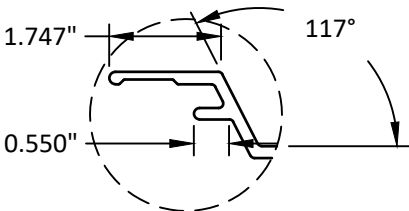
6" CHANNEL W/ RIB



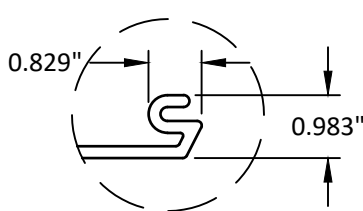
DETAIL E



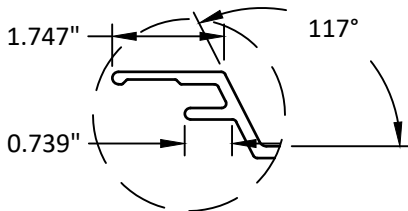
DETAIL F



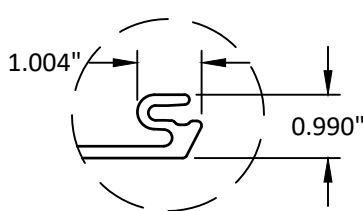
DETAIL A



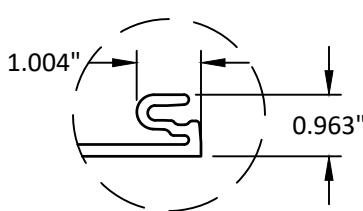
DETAIL B



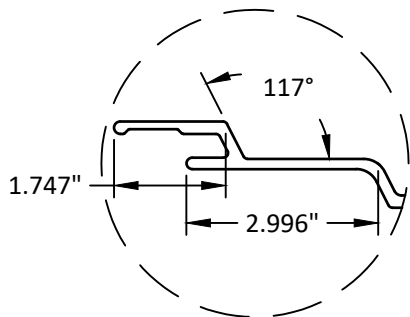
DETAIL C



DETAIL D



DETAIL G



DETAIL H



1777 CLEARBROOK RD #120
ABBOTSFORD, BC V2T 5X5, CANADA
PH: (800) 604-0343

TITLE:
TONGUE & GROOVE SOFFIT SYSTEM
(HVHZ)

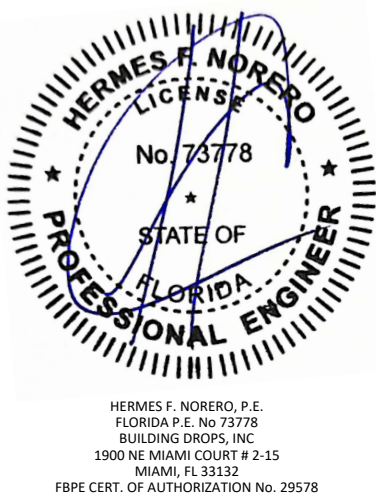
SOFFIT DETAILS

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (354)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



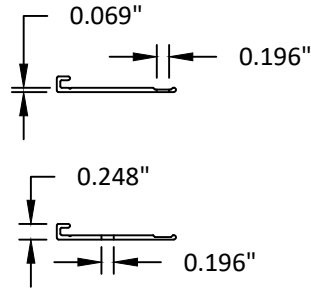
REMARKS	BY	DATE
MISC. UPDATES	DI	4/30/2025
2026 FBC UPDATE	LS	07/2026

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.

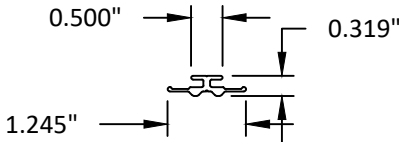


FL #:	FL41776
DATE:	10.21.22
DWG. BY:	MS
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	LBD002
SHEET:	3
REV.	B
	OF 4

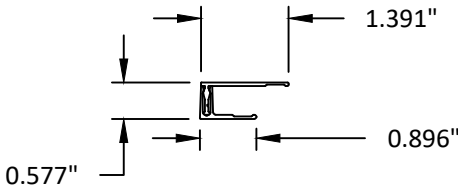
COMPONENTS



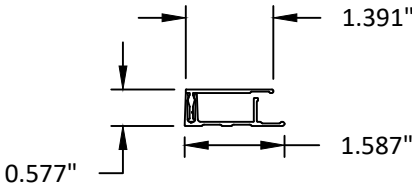
TRADITIONAL STARTER STRIP



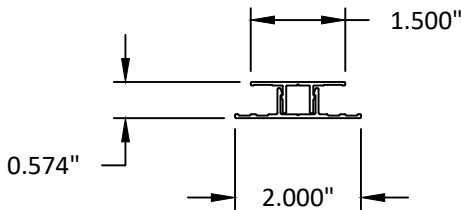
TRADITIONAL BACK-TO-BACK STARTER STRIP



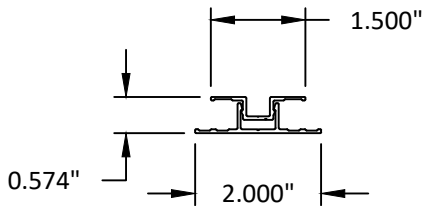
TRADITIONAL TWO PIECE J-TRACK



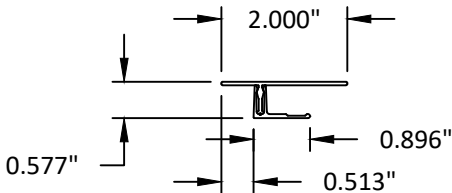
TRADITIONAL TERMINATION



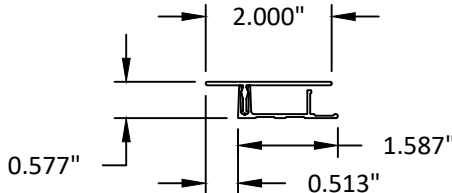
TRADITIONAL FLAT REVEAL



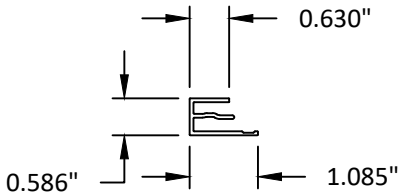
TRADITIONAL U-REVEAL



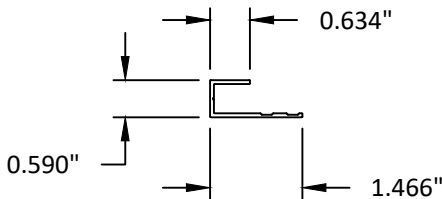
TRADITIONAL OFFSET REVEAL J-TRACK



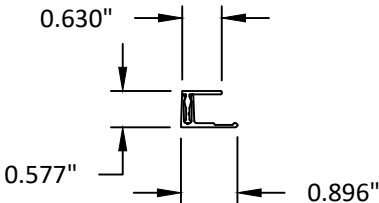
TRADITIONAL OFFSET REVEAL TERMINATION



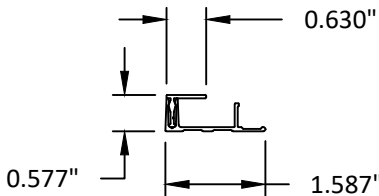
PRECISION STARTER J-TRACK



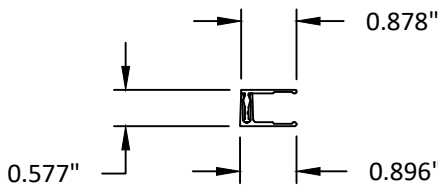
PRECISION J-TRACK



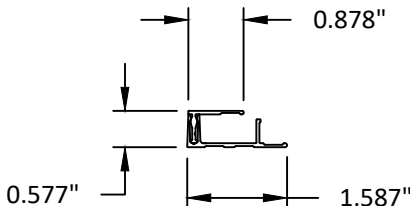
PRECISION TWO PIECE J-TRACK



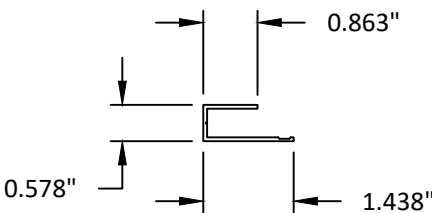
PRECISION TERMINATION



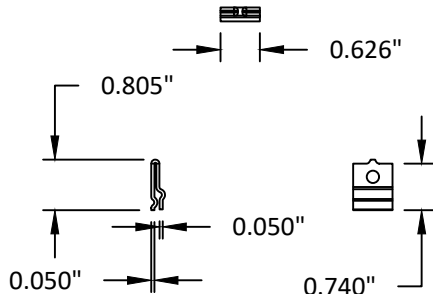
CRAFTSMAN TWO PIECE J-TRACK



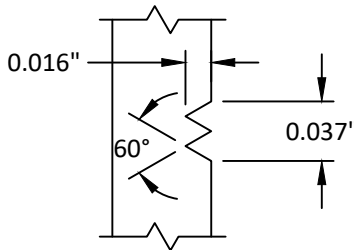
CRAFTSMAN TERMINATION



CRAFTSMAN J-TRACK



QUICK SCREEN CLIP



IDENTIFICATION EXTRUSION DIE LINE



1777 CLEARBROOK RD #120
ABBOTSFORD, BC V2T 5X5, CANADA
PH: (800) 604-0343

TITLE:
TONGUE & GROOVE SOFFIT SYSTEM
(HVHZ)

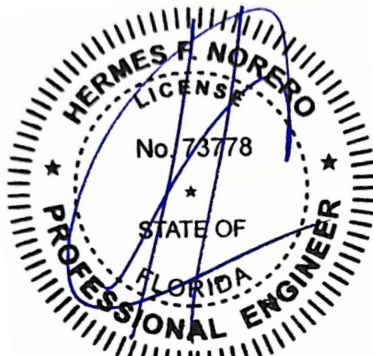
COMPONENTS

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (305)399-8478
FAX: (305)474-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
MISC. UPDATES	DI	4/30/2025
2026 FBC UPDATE	LS	07/2026

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.



HERMES F. NORERO, P.E.
FLORIDA P.E. No. 73778
BUILDING DROPS, INC
1900 NE MIAMI COURT # 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: FL41776

DATE: 10.21.22

DWG. BY: MS
CHK. BY: HFN

SCALE: NTS

DWG. #: LBD002

SHEET: 4
REV. B