

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208 Miami, Florida 33175-2474 T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

Easoon USA, LLC dba dasso 6060 Boat Rock Blvd. SW, Suite 800 Atlanta, GA 30336

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Dasso XTR Fused Bamboo Composite Decking Systems

APPROVAL DOCUMENT: Drawing titled "DassoXTR Composite Bamboo Decking", sheets 1 through 11 of 11, prepared by Easoon USA, LLC dba dasso, dated 04/04/2025, signed and sealed by Emma T. Mellinger, P.E., bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and Approval date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 and evidence page E-1, as well as the approval document mentioned above. The submitted documentation was reviewed by **Carlos M. Utrera**, **P.E.**

MIAMI-DADE COUNTY
APPROVED

05/12/25

NOA No. 23-0623.04 Expiration Date: May 22, 2030 Approval Date: May 22, 2025

Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. 18-123 Rev A, titled "Tarimatec laminated Decking System", sheets 1 through 4 of 4, prepared by Al-Farooq Corporation dated APR 15, 2019, signed and sealed by Javad Ahmad, P.E.

B. TESTS

	Test Report	Test Standard	Date	<u>Signature</u>
1.	FTL/QAI 20-2258	TAS 202-94/203-94	04/29/25	Idalmis Ortega, P.E.
2.	QAI 21-1171	TAS 202-94/203-94	04/29/25	Idalmis Ortega, P.E.
3.	QAI RJ7640P-7	ASTM G155-13	07/05/21	V. Andrew Tan, P.E.
4.	QAI RJ7917P-1	ASTM D2047-17	06/28/21	V. Andrew Tan, P.E.
5.	QAI RJ7917P-2	ASTM D2047-17	06/28/21	V. Andrew Tan, P.E.
6.	QAI RJ7637F-1b	ASTM E84-18b	11/02/20	V. Andrew Tan, P.E.
7.	QAI RJ7637F-1a	ASTM E84-18b	07/15/21	V. Andrew Tan, P.E.
8.	QAI RJ7640F-1	ASTM D1929-20	05/19/21	V. Andrew Tan, P.E.
9.	QAI RJ7640F-2	ASTM D1929-20	05/19/21	V. Andrew Tan, P.E.
10.	QAI RJ7640F-3	ASTM D635-10	05/12/21	V. Andrew Tan, P.E.
11.	QAI RJ7640F-4	ASTM D635-10	05/12/21	V. Andrew Tan, P.E.

C. CALCULATIONS

1. Anchor analysis, prepared by Category 5 Engineering Services, Inc., dated 06/07/2022, signed and sealed by Emma T. Mellinger, P.E.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. None

F. STATEMENTS

- 1. Statement letter of code conformance to the 8th edition (2020) of the FBC, issued by Category 5 Engineering Services, Inc., dated 05/26/2022, signed and sealed by Emma T. Mellinger, P.E.
- 2. Statement letter of no financial interest, issued by Category 5 Engineering Services, Inc., dated 05/23/2022, signed and sealed by Emma T. Mellinger, P.E.
- 3. Distribution Agreement between Jiangxi Zhushang Bamboo Industrial Co. Ltd. as manufacturer and Easoon USA LLC, dba dasso, as distributor, dated 05/12/2022, signed by Genny Nolan, Project Officer and Avery Chua, President respectively.

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 23-0623.04
Expiration Date: May 22, 2030
Approval Date: May 22, 2025

dassoXTR Decking **Fused Bamboo for Exterior Use** 'dassoXTR' G2 & G1 DECK PLANK 'dassoXTR' G2 AND G1 DECK PLANK

BAMBOO MATERIAL MADE FROM (BY WEIGHT) NATURAL BAMBOO - APPROX. 87% PHENOLIC RESIN - APPROX. 13% AND IF PREFINISHED - WOCA EXTERIOR

dassoXTR CLASSIC ESPRESSO IS A FUSED

OIL < TRACE DRY LEATHER COEFFICIENT OF FRICTION PER ASTM D2047 = 0.68

BAMBOO MATERIAL MADE FROM (BY WEIGHT): NATURAL BAMBOO - APPROX. 84% CERAMIX® NANO PARTICLES - APPROX. 3%. MAINLY SILICA (SIO2), ALUMINA (AL2O3), LIMESTONE CACO3 AND SODIUM HYDROXIDE (NAOH). DYNEA PHENOLIC RESIN – APPROX. 13% AND IF PREFINISHED - WOCA EXTERIOR OIL < TRACE

dassoXTR EPIC COGNAC IS A FUSED

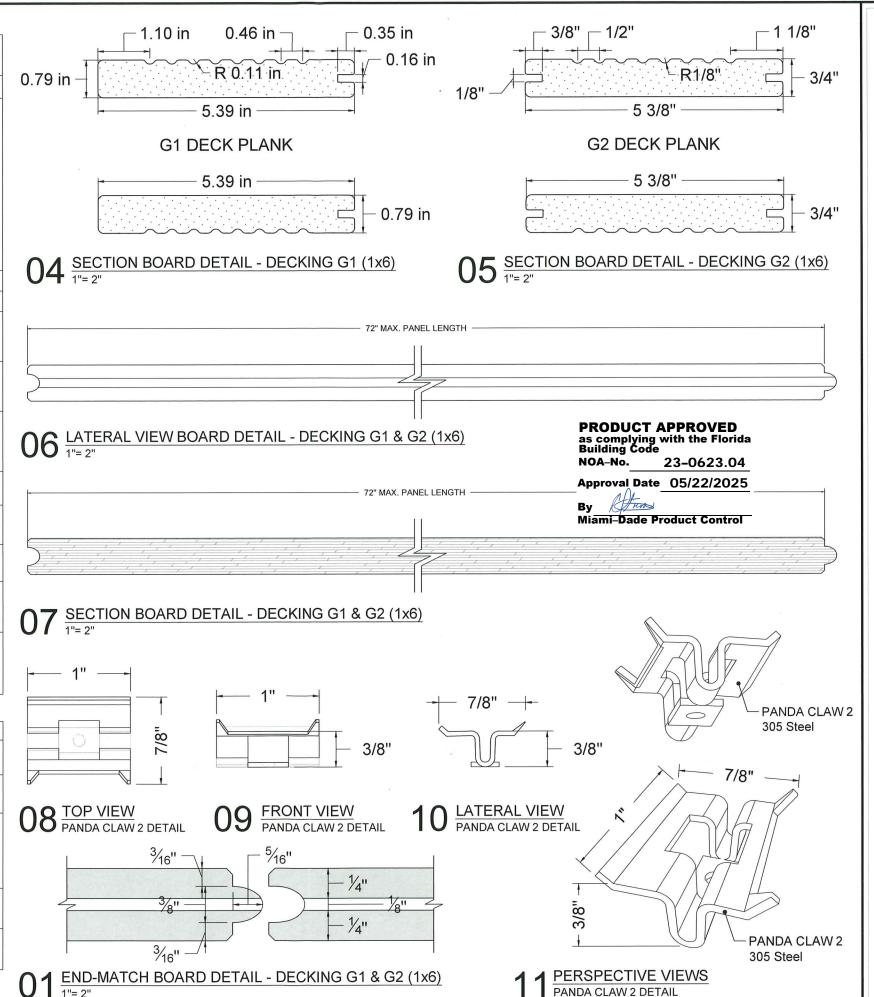
DRY LEATHER COEFFICIENT OF FRICTION PER ASTM D2047 = 0.68

MAX. DESIGN LOAD = +/- 145 PSF

Note:

- THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2023 FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
- 2. ADEQUACY OF STRUCTURE RECEIVING DECKING SHALL BE CHECKED BY A LICENSED DESIGN PROFESSIONAL IN ACCORDANCE WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE.
- 3. INSTALLATION OF DECKS, DECK COMPONENTS AND TRIMS SHALL BE DONE IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND GUIDELINES TO ENSURE PROPER JOIST SPACING, ADEQUATE WATER DRAINAGE AND LINEAR EXPANSION/CONTRACTION OF HOLLOW BOARDS
- 4. ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL.
- 5. ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL
- A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD 6. ONLY
- ALL FASTENERS PENETRATING INTO PRESSURE TREATED WOOD SHALL BE CAPABLE OF PREVENTING CORROSION DUE TO REACTION WITH PRESSURE TREATING CHEMICALS.
- 8. DESIGN IS BASED ON TESTING IN ACCORDANCE WITH FLORIDA BUILDING CODE CYCLIC WIND PRESSURE TEST, TAS 203-94. STATIC AIR PRESSURE TEST, TAS 202-94.

DETAIL	ANCHOR SCHEDULE				
ANCHOR TYPE	BASE MATERIAL	FASTENER TYPE	EMBEDMENT (MIN)	EDGE DISTANCE (MIN)	
1	WOOD (0.50 s.g. min)	#7 x 2" Length Wood Screw	Thread embedment 1.50" (38 mm)	1" (25 mm)	
2	STEEL (18ga)	#8 "Grabber" self-tapping screws per connection 2 clips & 2 screws needed per joist connection	Min. 3 Threads or 1/2" (13 mm)	1/2" (13mm)	
3	REINFORCED CONCRETE (3050 psi min)	3/16" Dewalt	MIN. 1 3/4"	1' (25 mm) edge distance 2.25" (58 mm) min. spacing	
	REINFORCED GROUT CMU	Ultracon or Equivalent		2.5" (64 mm) edge distance 3.325" (85 mm) minimum spacing	



PANDA CLAW 2 DETAIL



EASOON USA LLC d. b. a. dasso

6060 Boat Rock Blvd SW, Suite 800, Atlanta, GA 30336



SHEET TITLE **DECKING GENERAL INFORMATION** SECTION DETAILS - DECKING G1 & G2 (1x6)

PROJECT NAME

dassoXTR Composite Bamboo Decking

Technical Drawing - Miami Dade 20200914

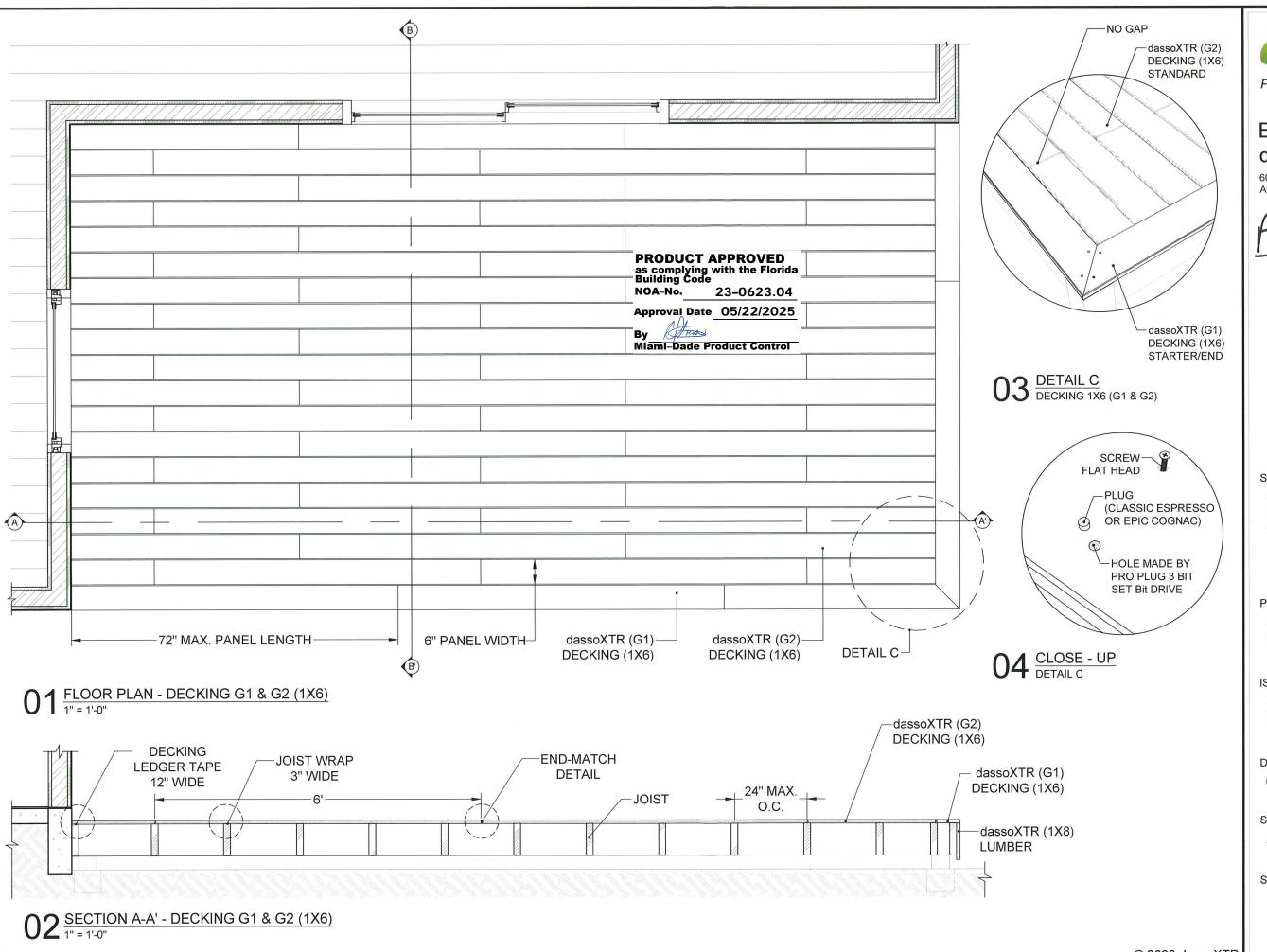
DATE:

04/24/2025

SCALE:

AS SHOWN

SHEET NO.

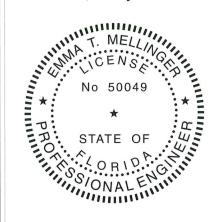




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FM 5/5/25



SHEET TITLE

DECKING FLOOR PLAN

SECTION A - A'

DETAIL G1 & G2 (1x6)

PROJECT NAME

dassoXTR Composite Bamboo Decking

ISSUE:

Technical Drawing - Miami Dade 20200914

DATE:

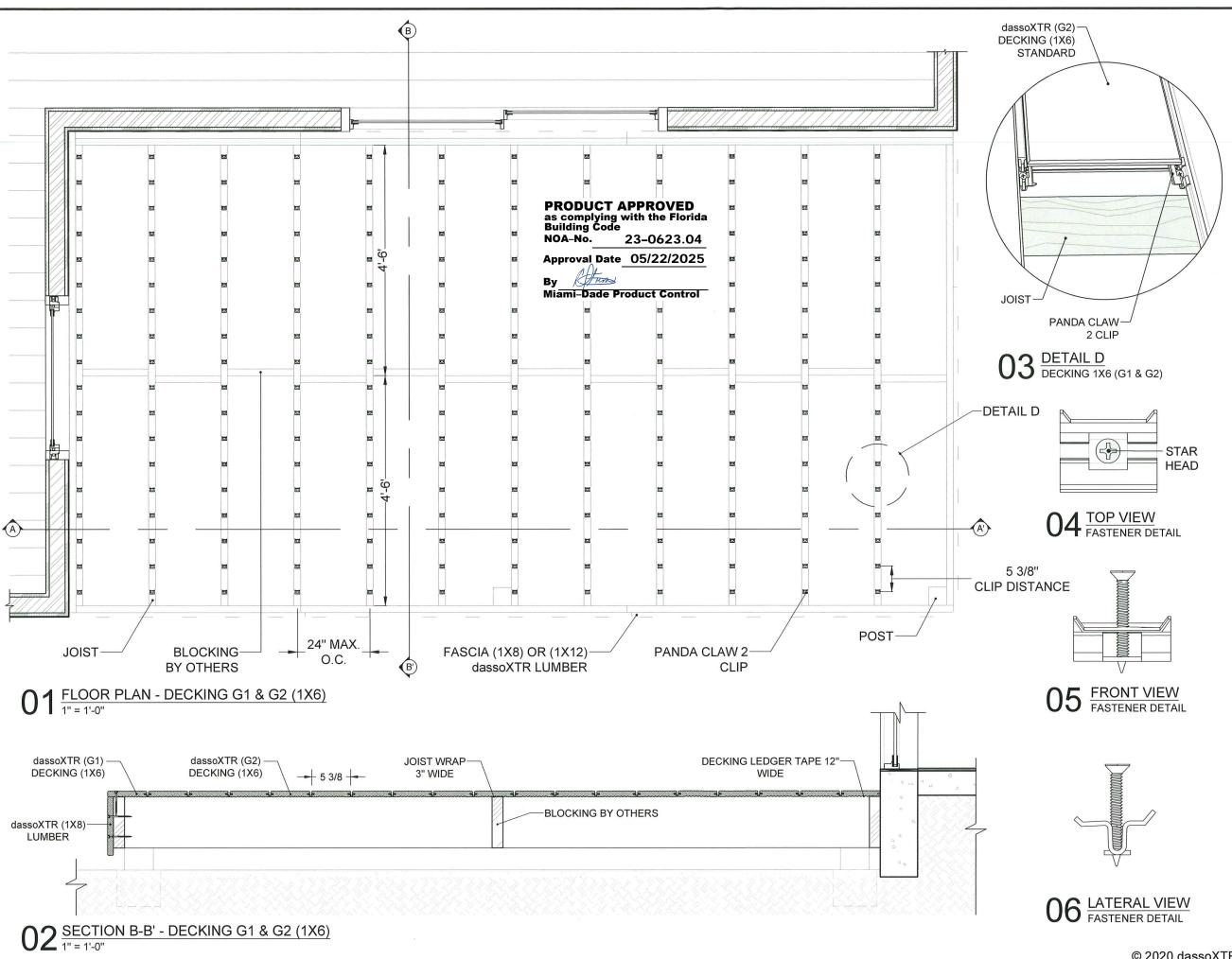
04/24/2025

SCALE:

AS SHOWN

SHEET NO.

A2/11





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PRO STATE CORIONO ON ALEMAN

DECKING FLOOR PLAN ESTRUCTURE SECTION B - B' DETAIL G1 & G2 (1x6)

PROJECT NAME dassoXTR Composite Bamboo Decking

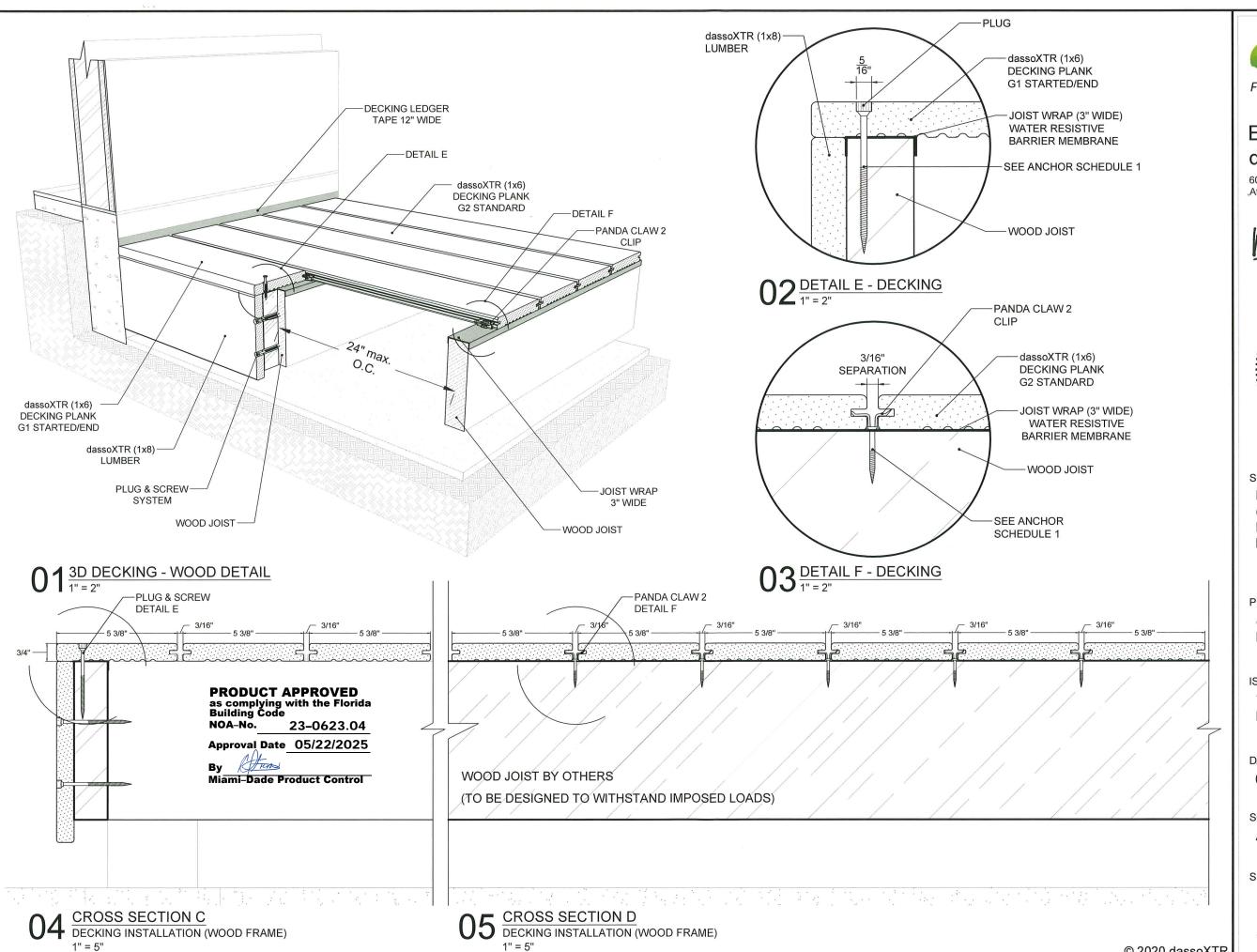
ISSUE:

Technical Drawing - Miami Dade 20200914

DATE: 04/24/2025

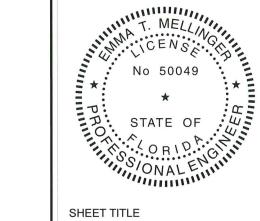
SCALE: AS SHOWN

SHEET NO.



EASOON USA LLC d. b. a. dasso

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SHEET TITLE **DECKING G1 & G2 (1X6)** (WOOD FRAME) LATERAL SECTION **INSTALLATION DETAILS**

PROJECT NAME

dassoXTR Composite Bamboo Decking

Technical Drawing - Miami Dade 20200914

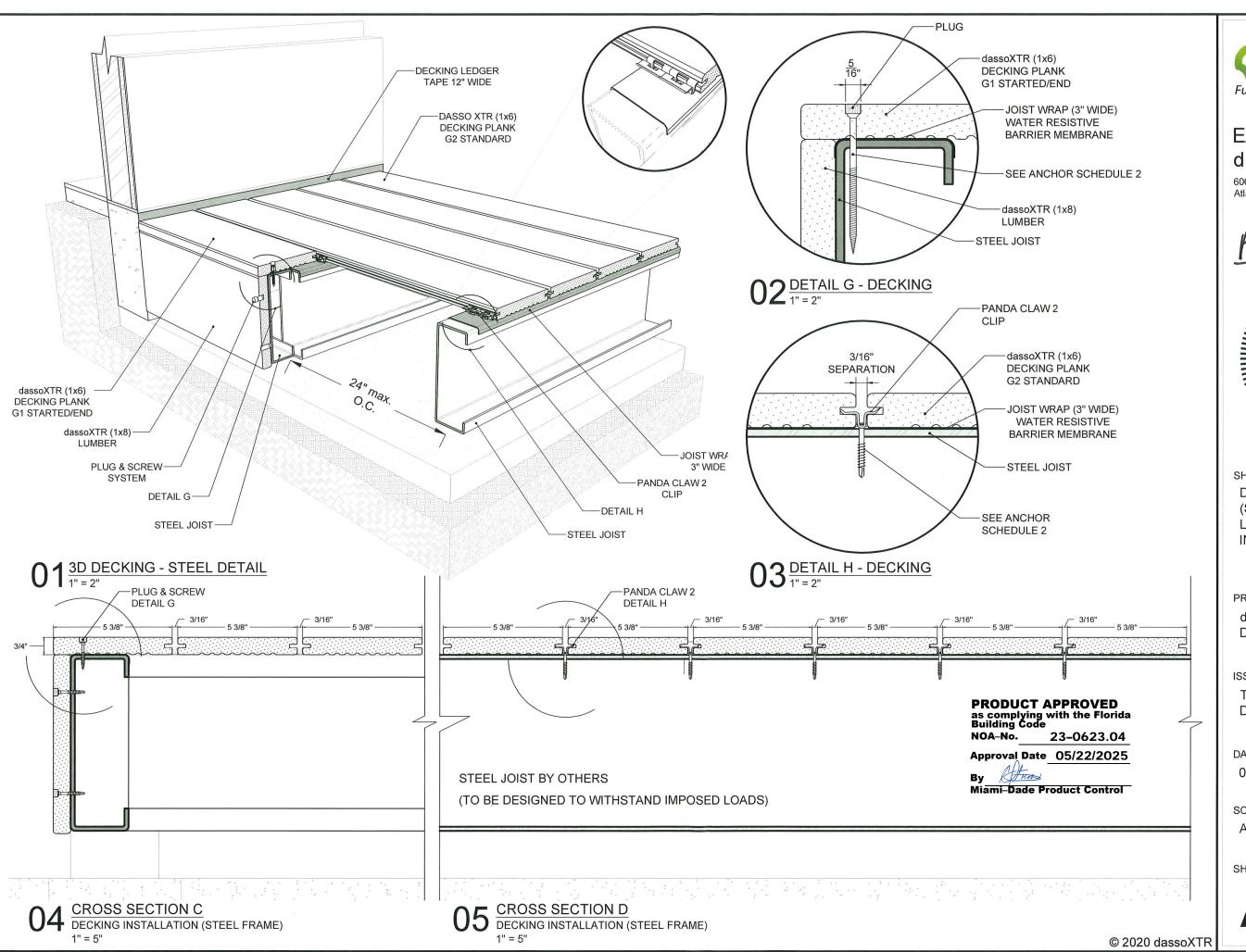
DATE:

04/24/2025

SCALE:

AS SHOWN

SHEET NO.

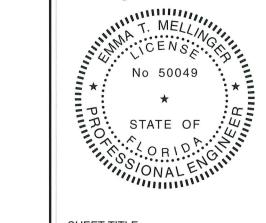


dassoXTR
Fused Bamboo® for Exterior Use

EASOON USA LLC d. b. a. dasso

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FIL 5/5/25



SHEET TITLE
DECKING G1 & G2 (1X6)
(STEEL FRAME)
LATERAL SECTION
INSTALLATION DETAILS

PROJECT NAME

dassoXTR Composite Bamboo Decking

ISSUE:

Technical Drawing - Miami Dade 20200914

DATE:

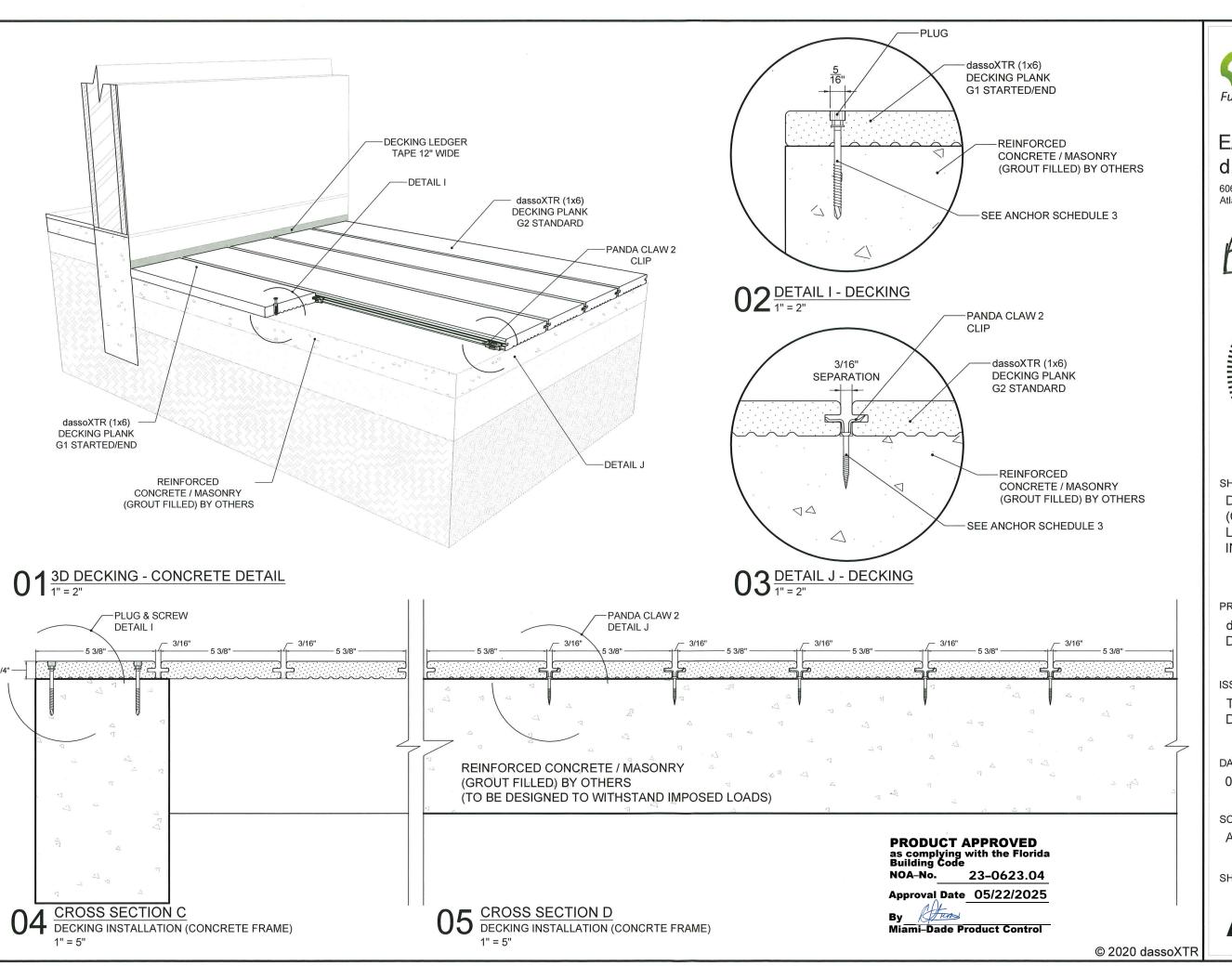
04/24/2025

SCALE:

AS SHOWN

SHEET NO.

A5/11



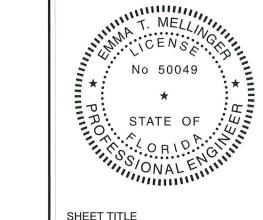
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5/5/25



SHEET TITLE

DECKING G1 & G2 (1X6)
(CONCRETE FRAME)

LATERAL SECTION
INSTALLATION DETAILS

PROJECT NAME

dassoXTR Composite Bamboo Decking

ISSUE:

Technical Drawing - Miami Dade 20200914

DATE:

04/24/2025

SCALE:

AS SHOWN

SHEET NO.

A6/11

dassoXTR Decking **Fused Bamboo for Exterior Use** 'dassoXTR' G0 DECK PLANK 'dassoXTR' G0 DECK PLANK dassoXTR EPIC COGNAC IS A FUSED dassoXTR CLASSIC ESPRESSO IS A FUSED BAMBOO MATERIAL MADE FROM (BY BAMBOO MATERIAL MADE FROM (BY WEIGHT): WEIGHT): NATURAL BAMBOO - APPROX. 87% NATURAL BAMBOO - APPROX. 84% PHENOLIC RESIN - APPROX. 13% CERAMIX® NANO PARTICLES - APPROX. 3%. AND IF PREFINISHED - WOCA EXTERIOR MAINLY SILICA (SIO2), ALUMINA (AL2O3), LIMESTONE CACO3 OIL < TRACE DRY LEATHER COEFFICIENT OF FRICTION AND SODIUM HYDROXIDE PER ASTM D2047 = 0.68 (NAOH). DYNEA PHENOLIC RESIN - APPROX. 13% AND IF PREFINISHED - WOCA EXTERIOR OIL < TRACE DRY LEATHER COEFFICIENT OF FRICTION PER ASTM D2047 = 0.68 MAX. DESIGN LOAD = +/- 115 PSF Note: THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2023 FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ). 2. ADEQUACY OF STRUCTURE RECEIVING DECKING SHALL BE CHECKED BY A LICENSED DESIGN PROFESSIONAL IN ACCORDANCE WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE. 3. INSTALLATION OF DECKS, DECK COMPONENTS AND TRIMS SHALL BE DONE IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND GUIDELINES TO ENSURE PROPER JOIST SPACING, ADEQUATE WATER DRAINAGE AND LINEAR EXPANSION/CONTRACTION OF HOLLOW BOARDS. 4. ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL. ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT 5. PART OF THIS APPROVAL 6. A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY

DETAIL

8.

TREATING CHEMICALS

CYCLIC WIND PRESSURE TEST, TAS 203-94.

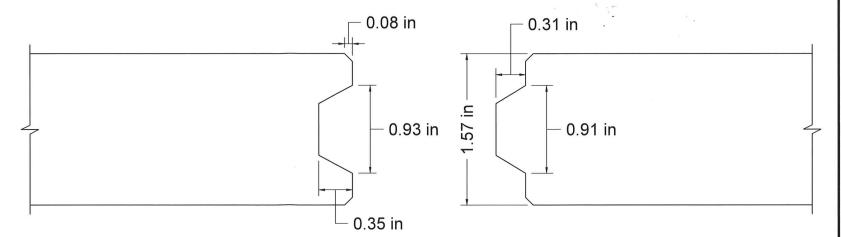
STATIC AIR PRESSURE TEST, TAS 202-94.

ANCHOR SCHEDULE

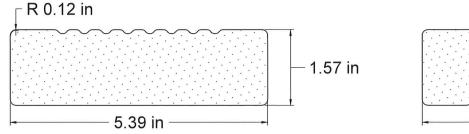
DESIGN IS BASED ON TESTING IN ACCORDANCE WITH FLORIDA BUILDING CODE

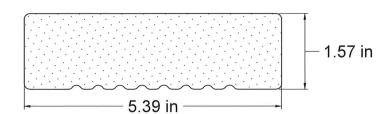
ALL FASTENERS PENETRATING INTO PRESSURE TREATED WOOD SHALL BE CAPABLE OF PREVENTING CORROSION DUE TO REACTION WITH PRESSURE

ANCHOR TYPE	BASE MATERIAL	FASTENER TYPE	EMBEDMENT (MIN)	EDGE DISTANCE (MIN)	
1.	WOOD (0.50 s.g. min)	#10 x 3 ½" Length Stainless Steel Wood Screw	Thread embedment 1.50" (38 mm)	1" (25 mm)	
2.	STEEL (18 gauge steel)	#10 x 3" "Grabber" Self-Drilling Tapping Screw (2) Fasteners per Joist Connection	Min. 1/2" (13 mm) or 3 Threads	1/2" (13mm) 1' (25 mm) min. spacing	
	STEEL (16 gauge steel)	#10 x 3" "Grabber" Self- Drilling Tapping Screw	Min. 1/2" (13 mm) or 3 Threads	1/2" (13mm)	
3.	REINFORCED CONCRETE (3050 psi min)	3/16" Dewalt Ultracon or Equivalent	MIN. 1 3/4"	1' (25 mm) edge distance 2.25" (58 mm) min. spacing	
	REINFORCED GROUT CMU			2.5" (64 mm) edge distance 3.325" (85 mm) minimum spacing	

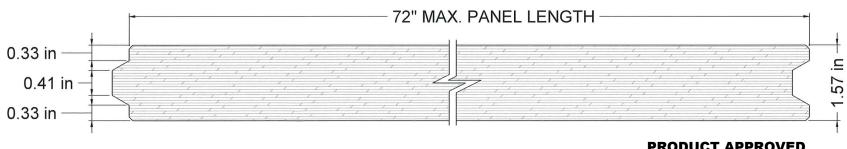


END-MATCH BOARD DETAIL - DECKING G0 (2x6)





 $02^{\frac{\text{SECTION BOARD DETAIL - DECKING GO }(2x6)}{1"=2"}}$



 $03\frac{\text{SECTION BOARD DETAIL - DECKING GO (2x6)}}{1"= 2"}$

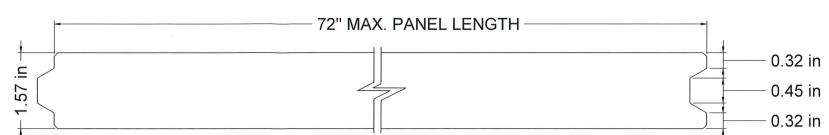
PRODUCT APPROVED as complying with the Florida Building Code NOA-No. 23-0623.04 Approval Date 05/22/2025

Hum Miami-Dade Product Control

© 2020 dassoXTR

SCALE: AS SHOWN

SHEET NO.



04 LATERAL VIEW BOARD DETAIL - DECKING G0 (2x6)

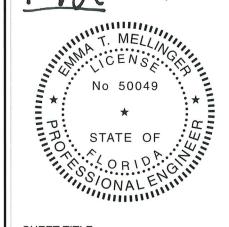
Atlanta, GA 30336

Fused Bamboo® for Exterior Use

EASOON USA LLC

6060 Boat Rock Blvd SW, Suite 800,

d. b. a. dasso



SHEET TITLE DECKING G0 (2x6) **GENERAL INFORMATION SECTION DETAILS & ACCESSORIES**

PROJECT NAME

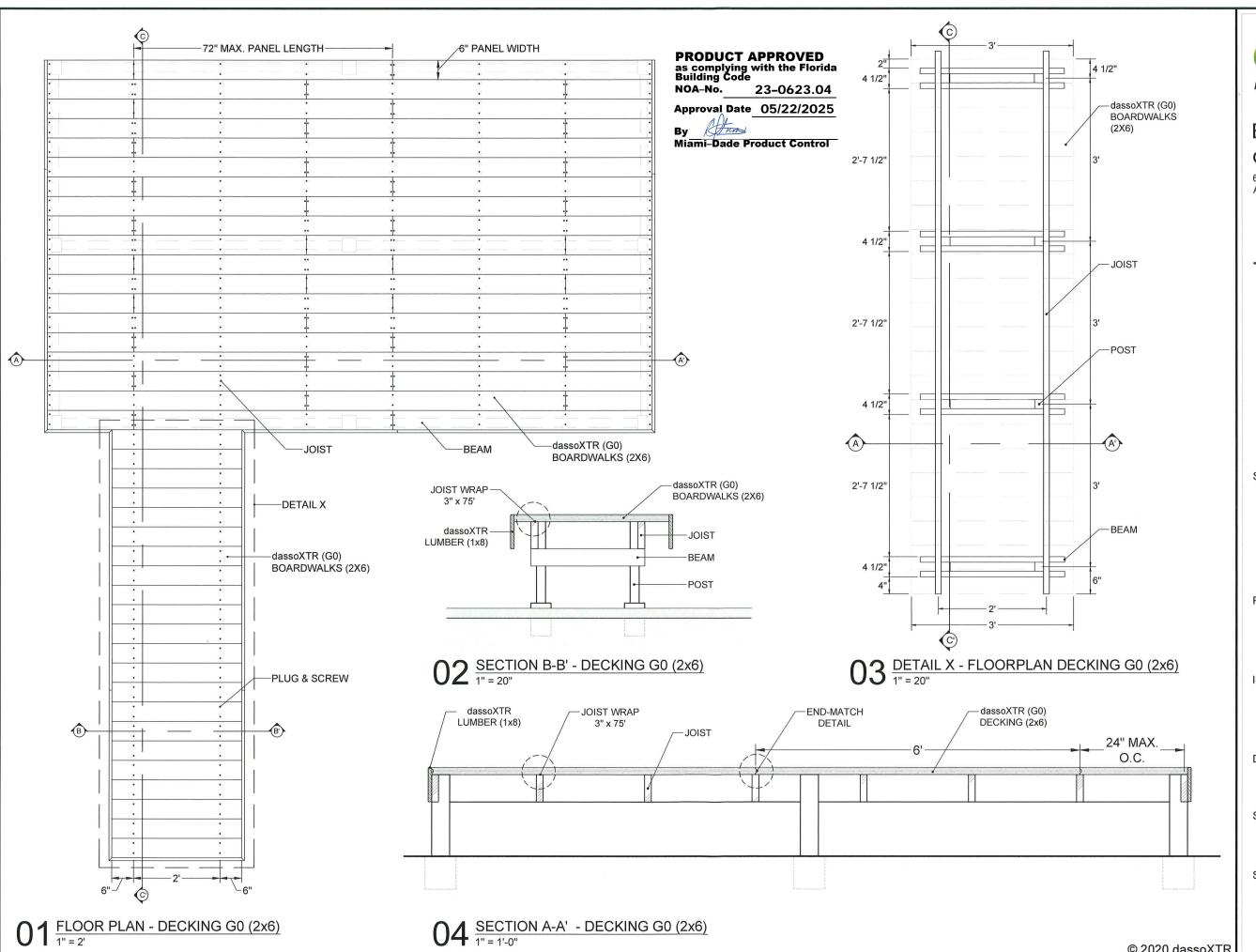
dassoXTR Composite Bamboo Boardwalks & Marinas Decking (2x6)

ISSUE:

Technical Drawing - Miami Dade 20200914

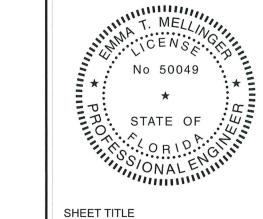
DATE:

04/24/2025



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SHEET TITLE DECKING G0 (2x6) FLOOR PLAN SECTION A-A', B-B' AND **DETAIL X - FLOORPLAN**

PROJECT NAME

dassoXTR Composite Bamboo Boardwalks & Marinas Decking (2x6)

ISSUE:

Technical Drawing - Miami Dade 20200914

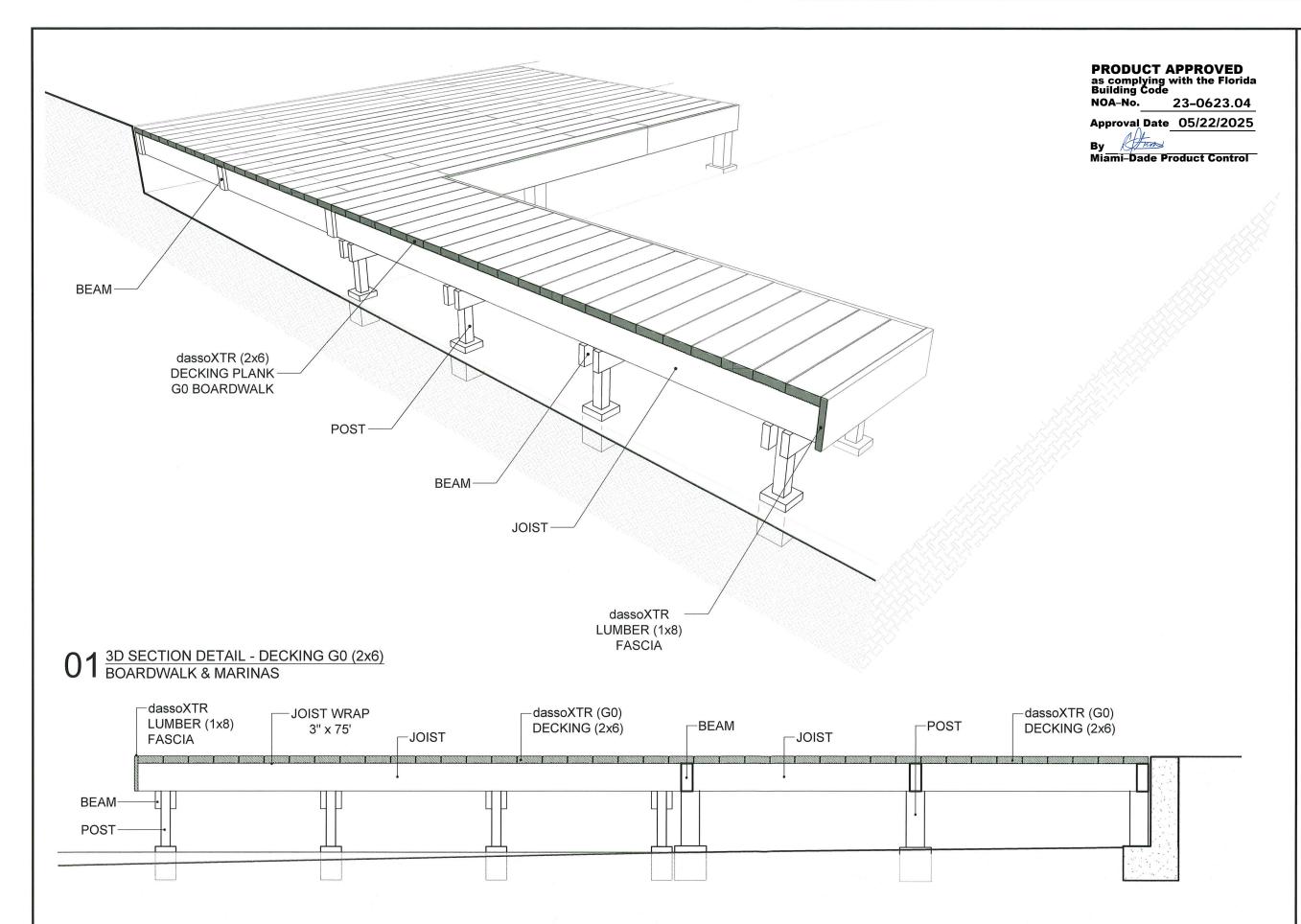
DATE:

04/24/2025

SCALE:

AS SHOWN

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Fused Bamboo® for Exterior Use

EASOON USA LLC d. b. a. dasso

6060 Boat Rock Blvd SW, Suite 800, Atlanta, GA 30336

FM 5/5/25



SHEET TITLE
DECKING G0 (2x6)
3D SECTION DETAIL
BOARDWALK & MARINAS &
SECTION C-C'

PROJECT NAME

dassoXTR Composite Bamboo Boardwalks & Marinas Decking (2x6)

ISSUE:

Technical Drawing - Miami Dade 20200914

DATE:

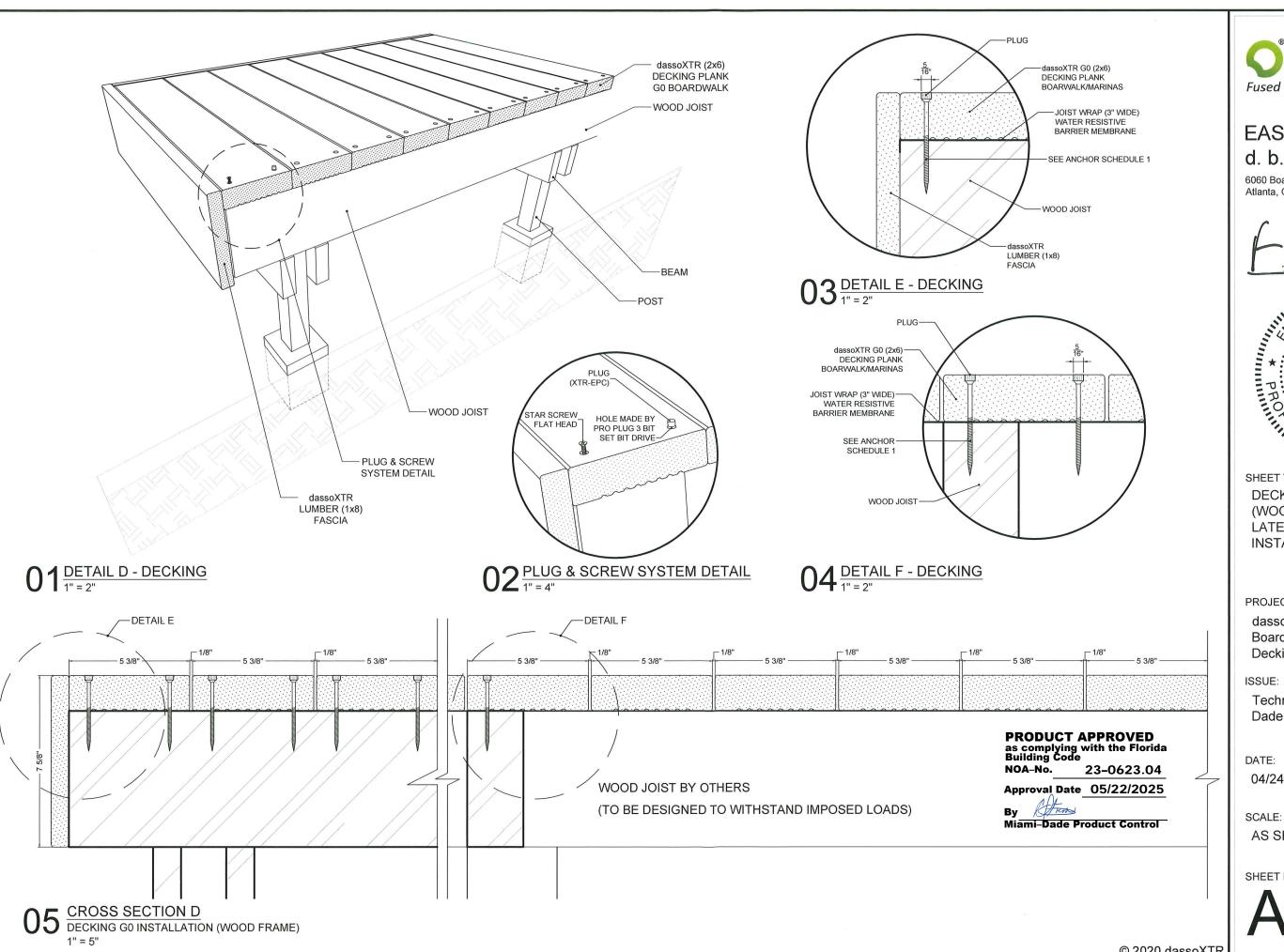
04/24/2025

SCALE:

AS SHOWN

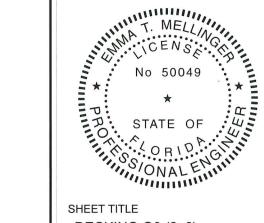
SHEET NO.

A9/11



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DECKING G0 (2x6) (WOOD FRAME) LATERAL SECTION **INSTALLATION DETAILS**

PROJECT NAME

dassoXTR Composite Bamboo Boardwalks & Marinas Decking (2x6)

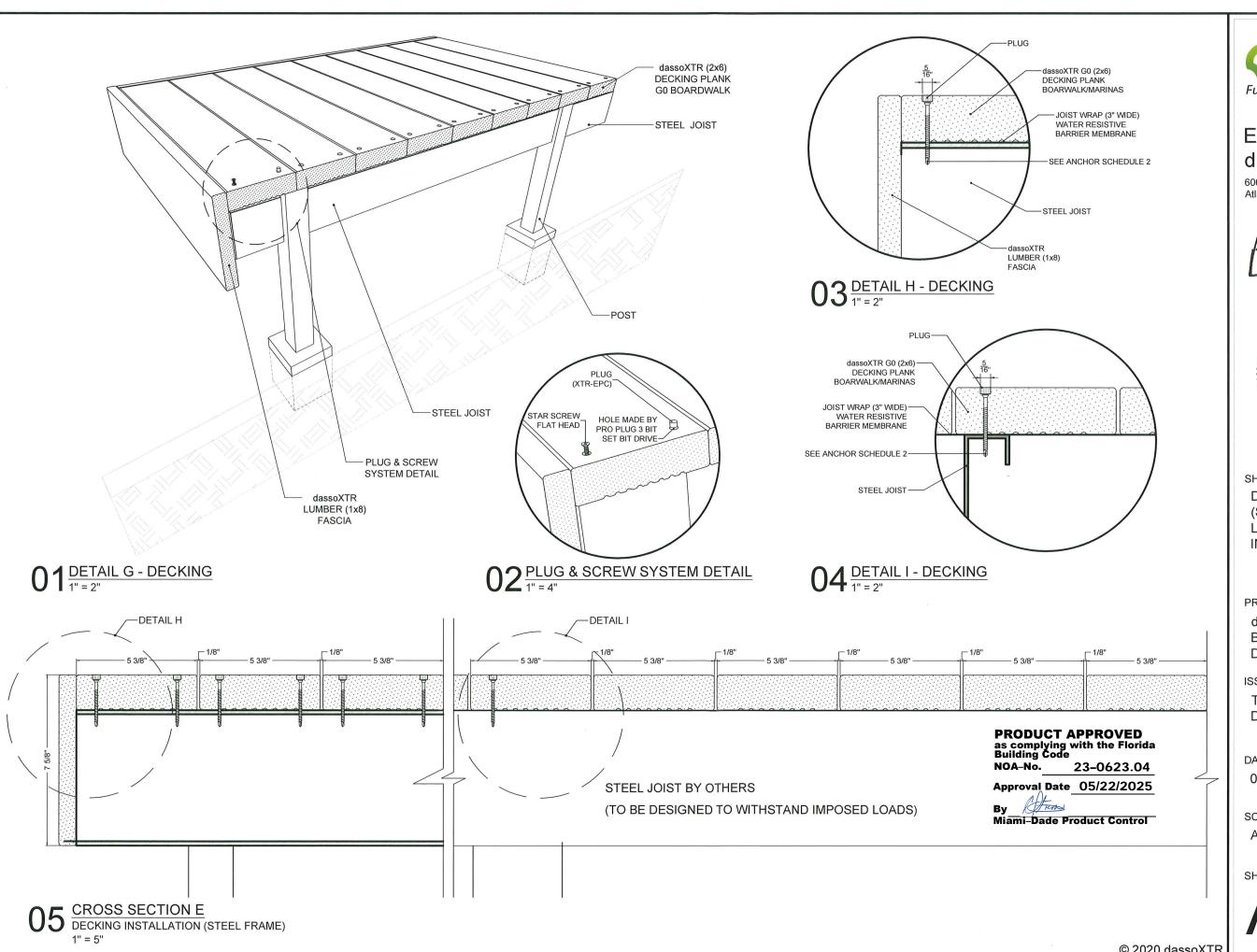
Technical Drawing - Miami Dade 20200914

04/24/2025

AS SHOWN

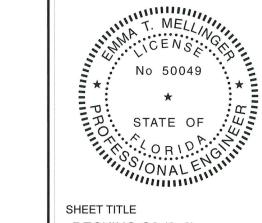
SHEET NO.

A10/11



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SHEET TITLE DECKING G0 (2x6) (STEEL FRAME) LATERAL SECTION **INSTALLATION DETAILS**

PROJECT NAME

dassoXTR Composite Bamboo Boardwalks & Marinas Decking (2x6)

ISSUE:

Technical Drawing - Miami Dade 20200914

DATE:

04/24/2025

SCALE:

AS SHOWN

SHEET NO.