



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

Westech Building Products, Inc.
4751 Highway 62 East
Mount Vernon, IN 47620

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: TruGrain Fiber Reinforced Composite Hollow Decking System

APPROVAL DOCUMENT: Drawing No. 15-05, titled "TruGrain Fiber Reinforced Hybrid Hollow Decking", sheets 1 through 2 of 2, dated 03/19/2015, with revision A dated 03/18/2016, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, 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 pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



[Handwritten signature]
07/15/2016

NOA No. 15-1124.09
Expiration Date: July 21, 2021
Approval Date: July 21, 2016
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **15-05**, titled "TruGrain Fiber Reinforced Hybrid Hollow Decking", sheets 1 through 2 of 2, dated 03/19/2015, with revision A dated 03/18/2016, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS

1. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings of TruGrain Composite Deck Boards, prepared by Intertek-ATI, Test Report No. **F0163.01-109-18**, dated 09/25/2015, signed and sealed by Joseph A. Reed, P.E.

	<u>Test Report</u>	<u>Test Standard</u>	<u>Date</u>	<u>Signature</u>
2.	D9019.06-106-18	ASTM G155-05a	03/16/15	Gary T. Hartman, P.E.
3.	D9019.06-106-18	ASTM D638-03	03/16/15	Gary T. Hartman, P.E.
4.	D9019.06-106-18	ASTM D6110-10	03/16/15	Gary T. Hartman, P.E.
5.	D9019.06-106-18	ASTM D1929-96	03/16/15	Gary T. Hartman, P.E.
6.	D9019.06-106-18	ASTM D2843-99	03/16/15	Gary T. Hartman, P.E.
7.	D9019.06-106-18	ASTM D635-06	03/16/15	Gary T. Hartman, P.E.

C. CALCULATIONS

1. Anchor verification calculations prepared by Al-Farooq Corporation, dated 10/07/2015, signed and sealed by Javad Ahmad, P.E.

D. QUALITY ASSURANCE

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



Carlos M. Utrera, P.E.
Product Control Examiner
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E. MATERIAL CERTIFICATIONS

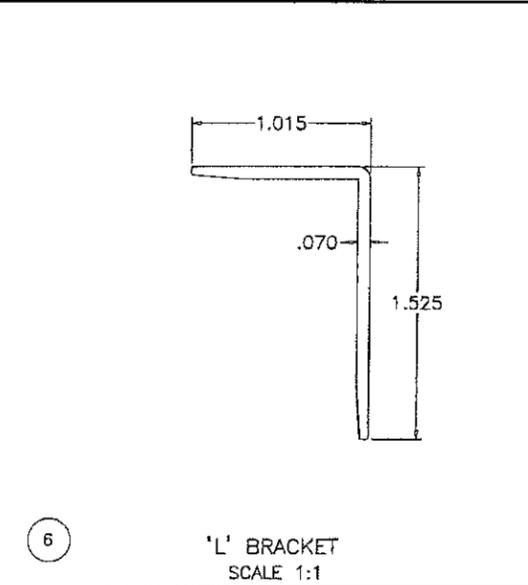
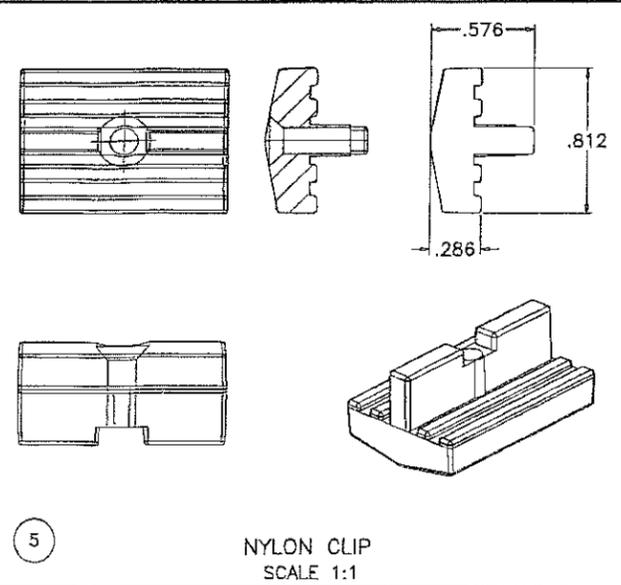
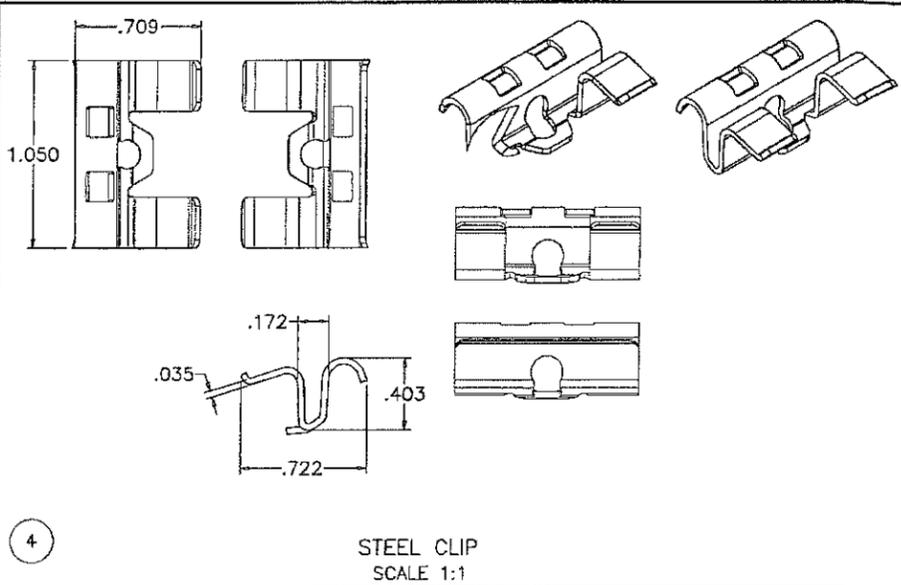
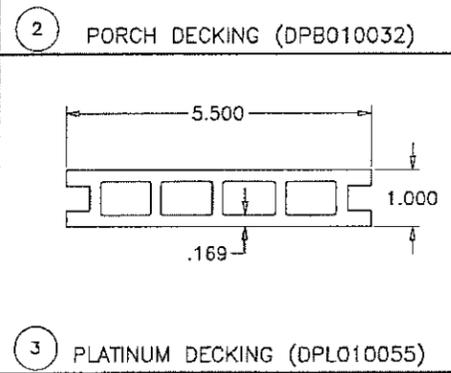
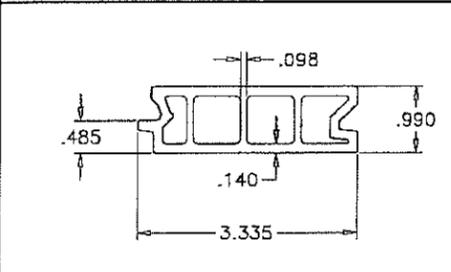
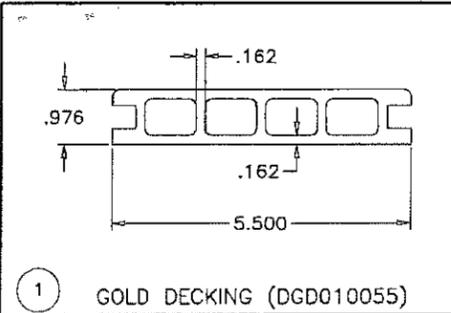
1. Test report on Acceptance Criteria for Deck Board Span Ratings and Guardrail Systems per ICC-ES AC174 of Gold Deck Boards with Resysta Composite Material, prepared by Intertek-ATI, Test Report No. **D9019.14-119-19**, dated 04/28/2016, signed and sealed by Joseph A. Reed, P.E.
2. Test report on Acceptance Criteria for Deck Board Span Ratings and Guardrail Systems per ICC-ES AC174 of Gold Deck Boards with Resysta Composite Material, prepared by Intertek-ATI, Test Report No. **D9740.02-119-19**, dated 04/28/2016, signed and sealed by Joseph A. Reed, P.E.
3. Test report on Acceptance Criteria for Deck Board Span Ratings and Guardrail Systems per ICC-ES AC174 of Gold Deck Boards with Resysta Composite Material, prepared by Intertek-ATI, Test Report No. **D9042.11-119-19**, dated 04/28/2016, signed and sealed by Joseph A. Reed, P.E.
4. Test report on Test Method for Using a Variable Incidence Tribometer (Slip Test) per ASTM F1679-04 of Gold Deck Boards with Resysta Composite Material, prepared by Intertek-ATI, Test Report No. **E2771.02-119-19**, dated 05/10/2016, signed and sealed by Joseph A. Reed, P.E.

F. STATEMENTS

1. Statement letter of code conformance to the 5th edition (2014) FBC and of no financial interest issued by Al-Farooq Corporation, dated 04/30/2015, signed and sealed by Javad Ahmad, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 15-1124.09
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1 GOLD DECKING (DGD010055)

2 PORCH DECKING (DPB010032)

3 PLATINUM DECKING (DPL010055)

4 STEEL CLIP
SCALE 1:1

5 NYLON CLIP
SCALE 1:1

6 'L' BRACKET
SCALE 1:1

'TRUGRAIN' HOLLOW BOARD DECKING

'TRUGRAIN' IS FIBER REINFORCED HYBRID MATERIAL MADE OF
 RICE HUSKS APPROX. 60%
 COMMON SALT APPROX. 22%
 MINERAL OIL APPROX. 18%

MAX. DESIGN LOAD = ± 120 PSF

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2014 (5TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

ADEQUACY OF STRUCTURE RECEIVING DECKING SHALL BE CHECKED BY A LICENSED DESIGN PROFESSIONAL IN ACCORDANCE WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE.

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.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

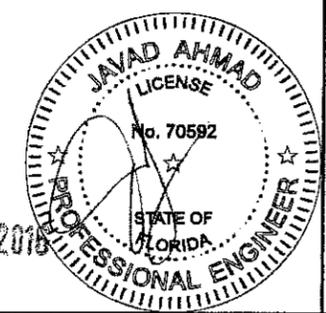
A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE.

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.

ITEM NO.	PART #	WEIGHT	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	DGD010055	1.670 Lbs/Ft.	AS REQD.	GOLD DECKING	HYBRID	WESTECH BUILDING PRODUCTS
2	DPB010032	.940 Lbs/Ft.	AS REQD.	PORCH DECKING	HYBRID	WESTECH BUILDING PRODUCTS
3	DPL010055	1.955 Lbs/Ft.	AS REQD.	PLATINUM DECKING	HYBRID	WESTECH BUILDING PRODUCTS
4	RESCLIP90	-	AS REQD.	STEEL CLIP	ZINC CHROMATE	-
5	-	-	AS REQD.	NYLON CLIP	VINYL	-
6	2113-05	-	-	'L' BRACKET	PVC	-

PRODUCT APPROVED
 as complying with the Florida Building Code
 NOA-No. **15-1124.09**
 Approval Date **07/21/2016**
 By *[Signature]*
 Miami-Dade Product Control



MAY 19 2016

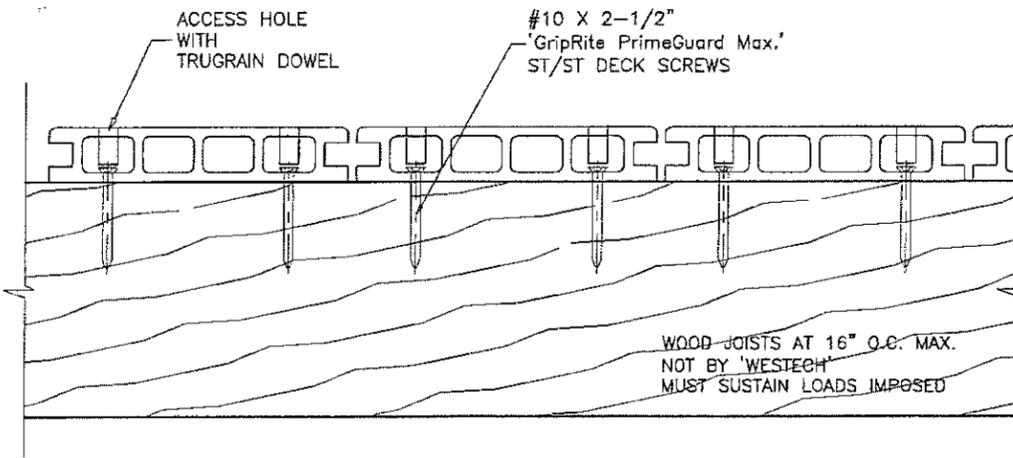
af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220 (C.A.N. 3638)
 MIAMI, FLORIDA 33173
 TEL. (305) 264-8100 FAX. (305) 262-6978
 MISC\15-05WB

'TRUGRAIN' FIBER REINFORCED HYBRID HOLLOW DECKING
WESTECH BUILDING PRODUCTS, INC.
 7451 HIGHWAY 62 EAST
 MOUNT VERNON, INDIANA. 47620
 TEL. (812) 985-3628 FAX. (812) 985-2925

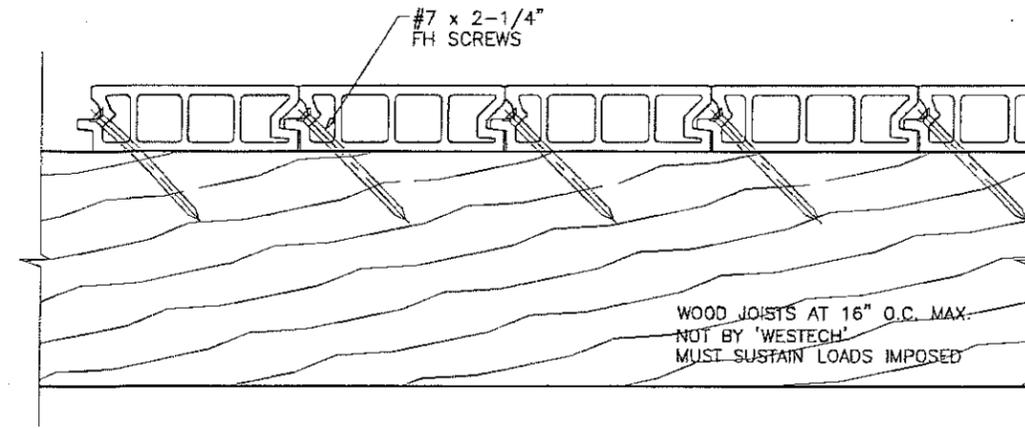
revisions:
 no. date by description
 A 03.18.16 REV. PER RER COMMENTS

date: 03-19-15
 scale: 3/8" = 1"
 dr. by: TARIQ
 chk. by:

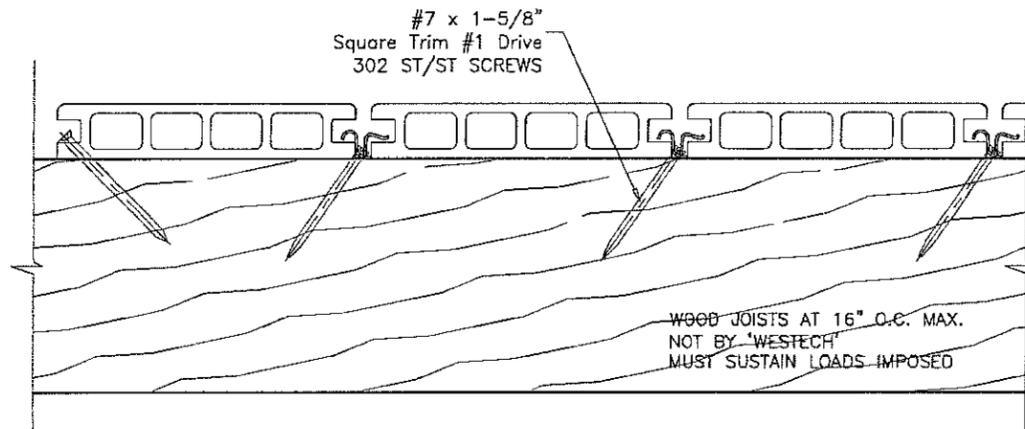
drawing no.
15-05
 sheet 1 of 2



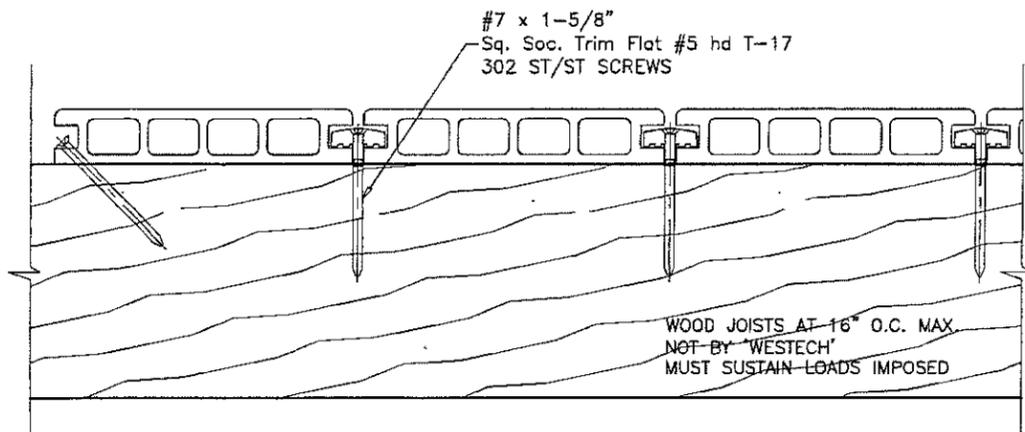
GOLD/PLATINUM DECK BOARD INSTALLATION
NON-VISIBLE SCREW & DOWEL METHOD



PORCH DECK BOARD INSTALLATION
NON-VISIBLE SCREW & DOWEL METHOD

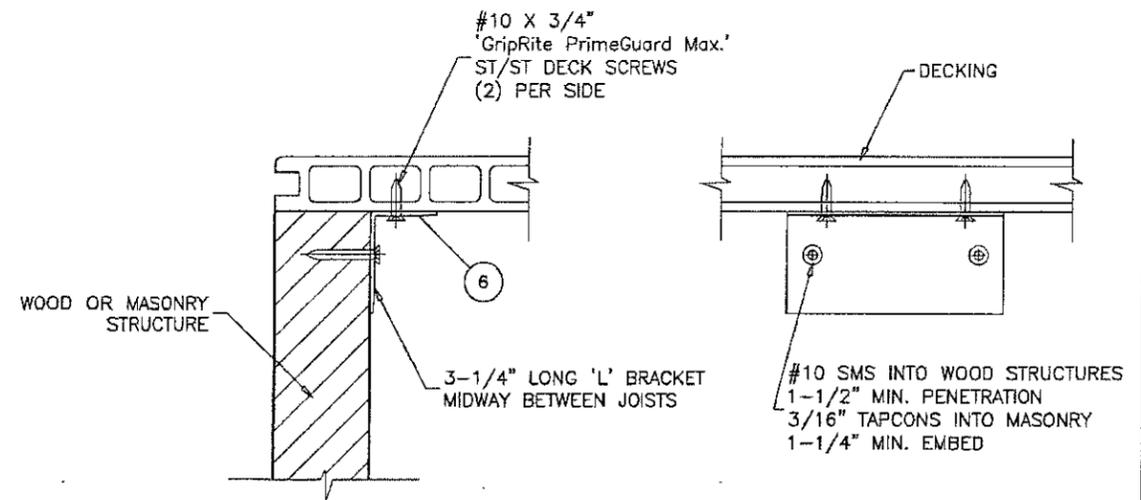


GOLD/PLATINUM DECK BOARD INSTALLATION
METAL CLIP METHOD



GOLD/PLATINUM DECK BOARD INSTALLATION
VINYL CLIP METHOD

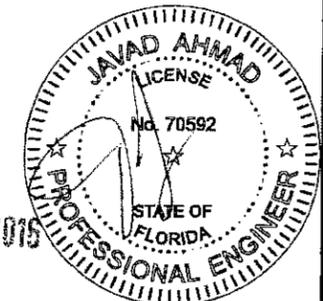
WOOD JOISTS, S.G. = 0.55 MIN.
EDGE DISTANCE MIN. = 1/2" (#10 SCREWS)
EDGE DISTANCE MIN. = 3/8" (#7 SCREWS)



UNDER DECK BRACKET START CONDITION

PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. **15-1124.09**
Approval Date **07/21/2016**
By *[Signature]*
Miami-Dade Product Control

MAY 19 2015



afC
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220 (C.A.N. 3558)
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
MISC/15-05WBP

"TRUGRAIN" FIBER REINFORCED HYBRID HOLLOW DECKING
WESTECH BUILDING PRODUCTS, INC.
7451 HIGHWAY 62 EAST
MOUNT VERNON, INDIANA, 47620
TEL. (812) 985-3628 FAX. (812) 985-2925

revisions:	no	date	by	description
	A	03.18.16		REV. PER PER COMMENTS

date:	03-19-15	scale:	3/8" = 1"	dr. by:	TARIQ	chk. by:	
drawing no.				15-05			
sheet				2 of 2			