NEMO|etc.
Certificate of Authorization #32455
353 Christian Street, Unit #13
Oxford, CT 06478
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ENGINEER **TEST** **CONSULT**

P.E. EVALUATION REPORT (PEER)

Norandex
A Division of American Builders & Contractors Supply Co., Inc.
1 ABC Parkway
Beloit, WI 53511
(517) 780-3185

PEER-CTS-004.A.R10
FL12505-R9 (NON-HVHZ)
Date of Issuance: 04/29/2009
Revision 10: 08/03/2026

SCOPE:
This P.E. Evaluation Report (henceforth 'PEER') is issued under **F.A.C. Rule 61G20-3** and the applicable rules and regulations governing the use of construction materials in the State of Florida. The documentation submitted has been reviewed by Robert Nieminen, P.E. for compliance with the **9th Edition (2026) Florida Building Code** sections referenced herein.

DESCRIPTION: Norandex Vinyl Soffit Systems

LABELING: Labeling shall be in accordance with the requirements of the Accredited Quality Assurance Agency noted herein and the minimum provisions of **FBC 1709.10**.

CONTINUED COMPLIANCE: This PEER is valid until such time as the named product(s) changes, the referenced Quality Assurance or production facility location(s) changes, or Code provisions that relate to the product(s) change. Acceptance of our PEER s by the named client constitutes agreement to notify NEMO ETC, LLC of any changes to the product(s), the Quality Assurance, or the production facility location(s). NEMO ETC, LLC requires a complete review of its PEER relative to updated Code requirements with each Code Cycle. Reference is made to the NEMO|etc. Directory of P.E. Evaluations to ascertain the status and/or current version of this PEER. If the PEER is not listed at the Nemo Directory, then it is no longer valid.

ADVERTISEMENT: "NEMO P.E. Evaluated" may be displayed in advertising literature. If any portion of the PEER is displayed, then it shall be in its entirety.

INSPECTION: Upon request, a copy of this entire PEER 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 PEER consists of pages 1 through 5, plus 2-pages of Appendix.

Prepared by:

Digitally signed by Robert Nieminen
Date: 2026.08.03 '14:10:25 -04'00

This item has been digitally signed and sealed by Robert Nieminen, P.E.
Printed copies of this document are not considered signed and sealed, and the signature must be verified on any electronic copies.
Robert Nieminen, Florida P.E. 59166, FBC ANE1983
NEMO ETC, LLC, Florida CA #32455

ROBERT NIEMINEN
LICENSE
NO. 59166
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

CERTIFICATION OF INDEPENDENCE:

1. NEMO ETC, LLC does not have, nor does it intend to acquire or will it acquire, a financial interest in any company manufacturing or distributing products it evaluates.
2. NEMO ETC, LLC is not owned, operated, or controlled by any company manufacturing or distributing products it evaluates.
3. Robert Nieminen, P.E. does not have nor will acquire, a financial interest in any company manufacturing or distributing products for which the PEERs are being issued.
4. Robert Nieminen, P.E. does not have, nor will acquire, a financial interest in any other entity involved in the approval process of the product.
5. This is a building code evaluation. Neither NEMO|etc. nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this PEER, or previous versions thereof, is/was used for permitting or design guidance unless retained specifically for that purpose.

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2026 FBC NON-HVHZ

PANEL WALLS - SOFFIT EVALUATION:

1. SCOPE:

Product Category: Panel Walls
Sub-Category: Soffits
Product Approval Method: Method 1, Option D: Codified Material, Evaluation by Engineer
Compliance Statement: Norandex Vinyl Soffit Systems, as produced by **Norandex**, have demonstrated compliance with the following sections of the **9th Edition (2026) Florida Building Code** through testing in accordance with the following Standards. Compliance is subject to the Installation Requirements and Limitations of Use set forth herein.

2. STANDARDS:

SECTION	PROPERTY	STANDARD
1404.9, R703.11	Wind resistance	ASTM D3679

3. REFERENCES:

ENTITY	EXAMINATION	REFERENCE	DATE
ITS (TST1588)	Physical Properties	L0999.01-106-31 R0	08/25/2020
ATI/ITS (TST1588)	Wind Resistance	64374.01-109-40	04/25/2006
ATI/ITS (TST1588)	Wind Resistance	64373.01-109-40	04/25/2006
ATI/ITS (TST1588)	Physical Properties	70079.01-106-31	01/04/2007
ERD (TST6049)	Wind Resistance	N19020.07.09	07/23/2009
NEMO (TST6049)	Wind Resistance	4f-CTS-20-LSTLT-01.A	08/18/2020
NEMO (TST6049)	Wind Resistance	4f-CTS-LSTLT-001.A	06/04/2025
Intertek (QUA1673)	Quality Control	QA Participation Letter	08/15/2023
ITS (QUA 1673)	Quality Control	Florida BCIS	Current

4. PRODUCT DESCRIPTION:

This PEER covers **Norandex Vinyl Soffit Systems** in a variety of profiles and surface textures / colors. This evaluation is limited to the specific product trade names referenced in this report subject to the Installation Requirements and Limitations of Use set forth herein. All soffit panels herein are available in a solid or a vented configuration, and the performance limitations apply to both versions.

TABLE 1: EVALUATED SOFFITS

BRAND	PRODUCT	MATERIAL STANDARD	PROFILE	THICKNESS (INCH)	NET FREE VENT AREA[1]	
					CONFIG.	NFVA (IN^2/FT)
Norandex	D5 Builder	D4477 D3679 (wind)	D5	0.036	Solid:	N/A
					Full Vent:	4.9
	D5 Remodeler	D4477 D3679 (wind)	D5	0.040	Solid:	N/A
					Full Vent:	4.9
	D5 Premium Hidden Ridge	D3679	D5	0.048	Solid:	N/A
					Vented:	1.9
	D5 Premium Vinyl Soffit	D3679	D5	0.048	Solid:	N/A
					Full Vent Lanced:	8.3

[1] *Net Free Ventilation Area reported herein is as published by the manufacturer at the time of evaluation. The report user should verify current published data at the time of design and/or permitting to the satisfaction of the Authority Having Jurisdiction.*

TABLE 1: EVALUATED SOFFITS						
BRAND	PRODUCT	MATERIAL STANDARD	PROFILE	THICKNESS (INCH)	NET FREE VENT AREA[2]	
					CONFIG.	NFVA (IN^2/FT)
Norandex	T2 Beaded Porch Panel	D4477 D3679 (wind)	T2	0.039	Solid:	N/A
					Center Vent:	1.6
	T3-1/3 Hidden Vent	D3679	T3-1/3	0.040	Solid:	N/A
					Vented:	9.6
	T4 Builder	D4477 D3679 (wind)	T4	0.036	Solid:	N/A
					Center Vent:	1.9
					Full Vent:	5.8
	T4 Remodeler	D4477 D3679 (wind)	T4	0.040	Solid:	N/A
					Center Vent:	1.9
					Full Vent:	5.8

5. LIMITATIONS:

5.1 This is a building code evaluation. Neither NEMO ETC, LLC nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this PEER, or previous versions thereof, is/was used for permitting or design guidance. PEERs are not to be construed as representing any attributes not specifically listed, nor are PEERs to be construed as an endorsement of the subject, or a recommendation for its use. There is no warranty by NEMO ETC, LLC or Robert Nieminen, P.E., express or implied, as to any finding or other matter in this PEER, or as to any product covered by the PEER.

5.2 This PEER is not for use in FBC High Velocity Hurricane Zone jurisdictions, as defined in FBC Chapter 2 (Broward and Miami-Dade Counties).

5.3 This PEER pertains to non-structural wall cladding. The cladding panels are not intended for racking or shear resistance.

5.4 Wall-framing and sheathing (if present) shall be in accordance with FBC requirements to the satisfaction of the Authority Having Jurisdiction.

5.5 This PEER does not address fire-resistance-rating performance of the completed wall assemblies.

5.6 For existing substrates, the Authority Having Jurisdiction may require fasteners be tested in the existing substrate for withdrawal resistance. A qualified design professional shall review the data for comparison to the minimum requirements for the system.

5.7 Installations shall meet the minimum ventilation requirements of **FBC 1203.2**.

5.8 Corrosion Resistance – Saltwater Environments:
Fasteners and connectors, if applicable, in areas within 3,000 feet of a saltwater coastline shall demonstrate compliance with FBC 1711 to the satisfaction of the Authority Having Jurisdiction.

[2] *Net Free Ventilation Area reported herein is as published by the manufacturer at the time of evaluation. The report user should verify current published data at the time of design and/or permitting to the satisfaction of the Authority Having Jurisdiction.*

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5.9 Wind Resistance:

5.9.1 Allowable design pressures for the soffits in various attachment configurations are noted below. Performance limitations apply to both solid and vented versions.

TABLE 2: ALLOWABLE DESIGN PRESSURES							
SPAN (INCH)	PRODUCT	PROFILE	NAILING (INCH O.C.)			MAXIMUM ALLOWABLE DESIGN PRESSURE (PSF)	
			WALL SIDE	CENTER	EAVE SIDE	NEGATIVE	POSITIVE
12	Remodeler	D5	10	N/A	10	-55	+66
	Premium Vinyl Soffit	D5	10	N/A	10	-100	+100
	Remodeler	T4	12	N/A	12	-61	+100
16	Builder	D5	10	N/A	10	-32	+117
	Remodeler	D5	10	N/A	10	-49	+137
	Premium Hidden Ridge	D5	10	N/A	10	-69	+137
	Premium Vinyl Soffit	D5	10	N/A	10	-69	+137
	Hidden Ridge	T3-1/3	10	N/A	10	-55	+150
	Builder	T4	12	N/A	12	-35	+83
	Remodeler	T4	12	N/A	12	-45	+127
24	Builder	D5	10	10	10	-30	+260
	Beaded Porch Panel	T2	6	6	6	-38	+260
	Hidden Ridge	T3-1/3	10	10	10	-44	+260
	Builder	T4	12	12	12	-36	+260

5.9.2 Limitations relating to critical 'negative' (away from the soffit) design wind pressure resistance are provided in **Appendix 1**. Refer to **Table 2** above for all positive and negative allowable design pressures.

5.9.3 "MDP" = Maximum Design Pressure is the result of testing for wind load resistance based on allowable wind loads. Refer to **FBC 1609** or **FBCR Chapter 3** for determination of project-specific design wind pressures. The MDP for the selected installation shall meet or exceed the design wind pressure requirement for the project for each pressure zone.

5.9.4 Tables are based on wall cladding design wind pressure requirements in accordance with **ASCE 7-22**, multiplied by 0.6 **(P_{asd})** for **allowable loads**.

5.9.5 Use of Appendix 1 is limited to the following design parameters. Analysis for buildings falling outside these constraints shall be on a project-by-project basis by a Florida Registered P.E.

TABLE 3: PARAMETERS FOR APPENDIX 1 USAGE			
PARAMETER	REFERENCE	SYMBOL	VALUE
Mean roof height (ft)*	N/A	*h*	≤ 30 ft
Design wind speed (mph)*	FBC 1609.3	*Vult*	Various
Exposure Category*	FBC 1609.4.3	*N/A*	B, C or D
Topographical factor	ASCE 7	*Kzt*	1.0
Wind directionality factor	ASCE 7	*Kd*	0.85
Ground elevation factor	ASCE 7	*Ke*	1.0

**Selection of the appropriate height, design wind speed and exposure category is the responsibility of the user, subject to acceptance by the Authority Having Jurisdiction.*

5.9.6 Reference to "OK" indicates the system performance exceeds project requirements for that particular zone. Reference to "NO" indicates additional testing is required.

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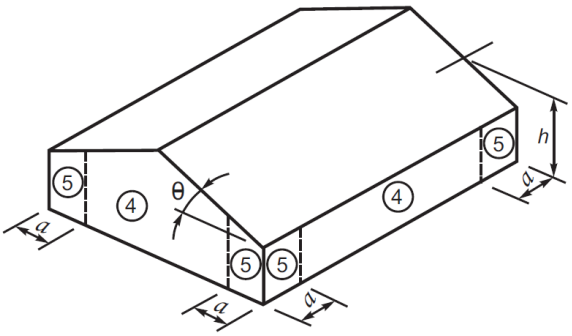
5.9.7 The dimension of Zones 4 and 5 (interior and end zones) shall be defined as 10% of the least horizontal plan-view dimension or 40% of the mean roof height, whichever is smaller, but not less than either 4% of the least horizontal plan-view dimension or 3 feet, as outlined in **ASCE 7-22**.



5.10 All components in the wall assembly shall have quality assurance surveillance in accordance with **F.A.C. Rule 61G20-3**. For components listed herein that are produced by a manufacturer other than the report holder on Page 1 of this PEER, refer to the Product Approval of the component manufacturer.

6. INSTALLATION:

6.1 **Norandex Vinyl Soffit Systems** shall be installed in accordance with **FBC 1410, FBC R704.2.1**, Norandex published Installation Guide and recommendations of the Polymeric Exterior Products Association, subject to the Limitations of Use noted herein.

6.1.1 Unless otherwise noted, fasteners for are limited to 1½" long x 0.125" shank diameter x minimum 3/8" head diameter galvanized roofing nails.

6.1.2 Unless otherwise noted in Appendix 1, nails for channel and soffit securement shall engage stud framing members.

6.1.3 Fasteners and connectors, if applicable, in areas within 3,000 feet of a saltwater coastline shall demonstrate compliance with FBC 1711 to the satisfaction of the Authority Having Jurisdiction.

7. BUILDING PERMIT REQUIREMENTS:

7.1 As required by the Building Official or Authority Having Jurisdiction in order to properly evaluate the installation of this product.

7.2 Labeling shall be in accordance with the minimum requirements set forth in **FBC 1709.10**.

8. MANUFACTURING PLANTS:

Claremont, NC

9. QUALITY ASSURANCE ENTITY:

Intertek (QUA1673); (312) 906-7779; https://bpdirectory.intertek.com/pages/DLP_Search.aspx

- THE TWO (2) PAGES THAT FOLLOW FORM PART OF THIS PEER -

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9TH EDITION (2026) FLORIDA WIND ZONE COMPLIANCE WORKSHEET, Height (h) < 30 ft

NORANDEX SOFFIT							Wind Speed - V_{ult} (mph) 3-second gust											
Product	Substrate	Span (inch)	Wall Side Nailing	Center Nailing	Eave Side Nailing	Allowable Pressure (psf)	110	120	130	140	150	160	170	180	190	200	Exposure	Zone
D5 Remodeler	open studs	12	10" o.c.	N/A	10" o.c.	55	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	B	Interior Zone 4
							OK	OK	OK	OK	OK	OK	OK	OK	NO	NO	C	
							OK	OK	OK	OK	OK	OK	NO	NO	NO	NO	D	
							OK	OK	OK	OK	OK	OK	OK	OK	OK	NO	B	End Zone 5
							OK	OK	OK	OK	OK	OK	NO	NO	NO	NO	C	
							OK	OK	OK	OK	OK	NO	NO	NO	NO	NO	D	
D5 Premium Vinyl Soffit	open studs	12	10" o.c.	N/A	10" o.c.	100	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	B	Interior Zone 4
							OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	C	
							OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	D	
							OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	B	End Zone 5
							OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	C	
							OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	D	
T3-1/3 Hidden Ridge	sheathed	12	10" o.c.	N/A	10" o.c.	37	OK	OK	OK	OK	OK	OK	OK	NO	NO	NO	B	Interior Zone 4
							OK	OK	OK	OK	OK	NO	NO	NO	NO	NO	C	
							OK	OK	OK	NO	NO	NO	NO	NO	NO	NO	D	
							OK	OK	OK	OK	OK	OK	NO	NO	NO	NO	B	End Zone 5
							OK	OK	OK	NO	NO	NO	NO	NO	NO	NO	C	
							OK	OK	NO	NO	NO	NO	NO	NO	NO	NO	D	
T4 Remodeler	open studs	12	12" o.c.	N/A	12" o.c.	61	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	B	Interior Zone 4
							OK	OK	OK	OK	OK	OK	OK	OK	OK	NO	C	
							OK	OK	OK	OK	OK	OK	OK	NO	NO	NO	D	
							OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	B	End Zone 5
							OK	OK	OK	OK	OK	OK	OK	NO	NO	NO	C	
							OK	OK	OK	OK	OK	NO	NO	NO	NO	NO	D	
D5 Builder	open studs	16	10" o.c.	N/A	10" o.c.	32	OK	OK	OK	OK	OK	OK	NO	NO	NO	NO	B	Interior Zone 4
							OK	OK	OK	NO	NO	NO	NO	NO	NO	NO	C	
							OK	OK	NO	NO	NO	NO	NO	NO	NO	NO	D	
							OK	OK	OK	OK	NO	NO	NO	NO	NO	NO	B	End Zone 5
							OK	OK	NO	NO	NO	NO	NO	NO	NO	NO	C	
							OK	NO	NO	NO	NO	NO	NO	NO	NO	NO	D	
D5 Remodeler	open studs	16	10" o.c.	N/A	10" o.c.	49	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	B	Interior Zone 4
							OK	OK	OK	OK	OK	OK	OK	NO	NO	NO	C	
							OK	OK	OK	OK	OK	NO	NO	NO	NO	NO	D	
							OK	OK	OK	OK	OK	OK	OK	OK	NO	NO	B	End Zone 5
							OK	OK	OK	OK	OK	NO	NO	NO	NO	NO	C	
							OK	OK	OK	OK	NO	NO	NO	NO	NO	NO	D	
D5 Premium Hidden Ridge	open studs	16	10" o.c.	N/A	10" o.c.	69	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	B	Interior Zone 4
							OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	C	
							OK	OK	OK	OK	OK	OK	OK	OK	NO	NO	D	
							OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	B	End Zone 5
							OK	OK	OK	OK	OK	OK	OK	OK	NO	NO	C	
							OK	OK	OK	OK	OK	OK	NO	NO	NO	NO	D	
D5 Premium Vinyl Soffit	open studs	16	10" o.c.	N/A	10" o.c.	69	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	B	Interior Zone 4
							OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	C	
							OK	OK	OK	OK	OK	OK	OK	OK	NO	NO	D	
							OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	B	End Zone 5
							OK	OK	OK	OK	OK	OK	OK	OK	NO	NO	C	
							OK	OK	OK	OK	OK	OK	NO	NO	NO	NO	D	

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9TH EDITION (2026) FLORIDA WIND ZONE COMPLIANCE WORKSHEET, Height (h) < 30 ft

NORANDEX SOFFIT							Wind Speed - V_{ult} (mph) 3-second gust											
Product	Substrate	Span (inch)	Wall Side Nailing	Center Nailing	Eave Side Nailing	Allowable Pressure (psf)	110	120	130	140	150	160	170	180	190	200	Exposure	Zone
T3-1/3 Hidden Ridge	open studs	16	10" o.c.	N/A	10" o.c.	55	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	B	Interior Zone 4
							OK	OK	OK	OK	OK	OK	OK	OK	NO	NO	C	
							OK	OK	OK	OK	OK	OK	NO	NO	NO	NO	D	
							OK	OK	OK	OK	OK	OK	OK	OK	OK	NO	B	End Zone 5
							OK	OK	OK	OK	OK	OK	NO	NO	NO	NO	C	
							OK	OK	OK	OK	OK	NO	NO	NO	NO	NO	D	
T4 Builder	open studs	16	12" o.c.	N/A	12" o.c.	35	OK	OK	OK	OK	OK	OK	OK	NO	NO	NO	B	Interior Zone 4
							OK	OK	OK	OK	NO	NO	NO	NO	NO	NO	C	
							OK	OK	OK	NO	NO	NO	NO	NO	NO	NO	D	
							OK	OK	OK	OK	OK	NO	NO	NO	NO	NO	B	End Zone 5
							OK	OK	OK	NO	NO	NO	NO	NO	NO	NO	C	
							OK	OK	NO	NO	NO	NO	NO	NO	NO	NO	D	
T4 Remodeler	open studs	16	12" o.c.	N/A	12" o.c.	45	OK	OK	OK	OK	OK	OK	OK	OK	OK	NO	B	Interior Zone 4
							OK	OK	OK	OK	OK	OK	NO	NO	NO	NO	C	
							OK	OK	OK	OK	OK	NO	NO	NO	NO	NO	D	
							OK	OK	OK	OK	OK	OK	OK	NO	NO	NO	B	End Zone 5
							OK	OK	OK	OK	NO	NO	NO	NO	NO	NO	C	
							OK	OK	OK	NO	NO	NO	NO	NO	NO	NO	D	
D5 Builder	open studs	24	10" o.c.	10" o.c.	10" o.c.	30	OK	OK	OK	OK	OK	OK	NO	NO	NO	NO	B	Interior Zone 4
							OK	OK	OK	NO	NO	NO	NO	NO	NO	NO	C	
							OK	OK	NO	NO	NO	NO	NO	NO	NO	NO	D	
							OK	OK	OK	OK	NO	NO	NO	NO	NO	NO	B	End Zone 5
							OK	OK	NO	NO	NO	NO	NO	NO	NO	NO	C	
							OK	NO	NO	NO	NO	NO	NO	NO	NO	NO	D	
T2 Beaded Porch Panel	open studs	24	6" o.c.	6" o.c.	6" o.c.	38	OK	OK	OK	OK	OK	OK	OK	NO	NO	NO	B	Interior Zone 4
							OK	OK	OK	OK	OK	NO	NO	NO	NO	NO	C	
							OK	OK	OK	NO	NO	NO	NO	NO	NO	NO	D	
							OK	OK	OK	OK	OK	OK	NO	NO	NO	NO	B	End Zone 5
							OK	OK	OK	NO	NO	NO	NO	NO	NO	NO	C	
							OK	OK	NO	NO	NO	NO	NO	NO	NO	NO	D	
T3-1/3 Hidden Vent	open studs	24	10" o.c.	10" o.c.	10" o.c.	44	OK	OK	OK	OK	OK	OK	OK	OK	OK	NO	B	Interior Zone 4
							OK	OK	OK	OK	OK	OK	NO	NO	NO	NO	C	
							OK	OK	OK	OK	OK	NO	NO	NO	NO	NO	D	
							OK	OK	OK	OK	OK	OK	OK	NO	NO	NO	B	End Zone 5
							OK	OK	OK	OK	NO	NO	NO	NO	NO	NO	C	
							OK	OK	OK	NO	NO	NO	NO	NO	NO	NO	D	
T4 Builder	open studs	24	12" o.c.	12" o.c.	12" o.c.	36	OK	OK	OK	OK	OK	OK	OK	NO	NO	NO	B	Interior Zone 4
							OK	OK	OK	OK	NO	NO	NO	NO	NO	NO	C	
							OK	OK	OK	NO	NO	NO	NO	NO	NO	NO	D	
							OK	OK	OK	OK	OK	NO	NO	NO	NO	NO	B	End Zone 5
							OK	OK	OK	NO	NO	NO	NO	NO	NO	NO	C	
							OK	OK	NO	NO	NO	NO	NO	NO	NO	NO	D	

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