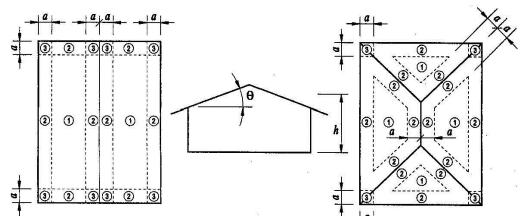


APPEND	IX 1: ATTACHMENT REQUIREMENTS FOR DESI	GN WIND PRESSURE RES	SISTANCE:	
Table	Product	System	MDP (Max Design Pressure)	Page
A-1	DECRA Shake Plus, Shingle Plus	1	-65.0 psf	2-4
A-2	DECRA Shake Plus, Shingle Plus	2	-102.5 psf	5-7
B-1	DECRA Villa Tile	3	-52.5 psf	8-10
B-2	DECRA Villa Tile	4	-76.5 psf	11-13
B-3	DECRA Villa Tile	5	-153.0 psf	14-16
C-1	DECRA Shake XD, Shingle XD	6	-78.5 psf	17-19
C-2	DECRA Shake XD, Shingle XD	7	-153.5 psf	20-22
D-1	DECRA Shingle	8	-30.0 psf	23-25
D-2	DECRA Shingle	9	-52.5 psf	26-28

- 1. The roof system evaluation herein pertains to above-deck roof components. Roof decks and structural members shall be in accordance with FBC requirements to the satisfaction of the Authority Having Jurisdiciton. Load resistance of the roof deck shall be documented through proper codified and/or FBC Approval documentation.
- 2. Unless otherwise noted herein, fire barrier and/or underlayment materials may be any that meets FBC Table 1507.1.1, DECRA minimum requirements, the QA requirements of F.A.C. Rule 61G20-3 and FBC 1505 when installed with the roof cover.
- 3. "MDP" = Maximum Design Pressure is the result of testing for wind load resistance based on allowable wind loads, and reflects the ultimate passing pressure divided by 2 (the 2 to 1 margin of safety per FBC 1504.9 has already been applied). Refer to FBC 1609 for determination of design wind pressures.
- 4. Tables are based on roof cladding design wind pressure requirements for gabled/hipped roofs in accordance with ASCE 7-10, multiplied by 0.6 (P<sub>asd</sub>) for allowable loads.
- 5. Tables are limited to projects having gable or hip roofs with a mean roof height between 0 and 60 feet, slopes between 7° and 45° (1.5:12 to 12:12 pitch), enclosed buildings (Internal Pressure Coefficient, GCPi = ± 0.18), no load combinations (K<sub>d</sub> = 1) and site conditions and location of the structure do not meet all conditions specified in Section 26.8.1 of ASCE 7-10 (K<sub>zt</sub> = 1.0). Analysis for buildings falling outside these constraints shall be on a project-by-project basis by a Florida Registered PE.
- 6. Reference to "OK" indicates the system performance exceeds project requirements for that pressure zone. Reference to "NO" indicates additional testing or rational analysis by a Florida Registered PE is required to address that particular pressure zone.
- 7. The dimension of Zones 2 and 3 (perimeters and corners) 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 Figures 30.4-2B and 30.4-2C of ASCE 7-10.



- 8. For existing decks, fasteners shall be tested in the existing deck for withdrawal resistance in accordance with ANSI/SPRI FX-1 or Testing Application Standard TAS 105. A qualified design professional shall review the data for comparison to the minimum requirements for the system.
- 9. For installation over a fire barrier and/or existing asphalt shingles, panel fasteners that engage the roof deck shall be of sufficient length to penetrate the underside of the roof deck by not less than 1-inch.
- 10. Panel fasteners shall be corrosion resistant.



## A. DECRA SHAKE PLUS & SHINGLE PLUS:

	: DECRA SHAKE PLUS &		TEAR-OFF), OR RE	COVER (OVER EXISTING ASPHALT SHINGLES OR E	sur)	
System	Deck	Fire Barrier	Underlay	Panel At	tachment	MDP
No.	(See Note 1)	rile balliei	Officeriay	Fasteners	Attachment	(psf)
1.	Min. 15/32" APA rated Grade B-C plywood	(Optional) See Note 2	See Note 2	Panels to Deck: No. 8 x min. 1½" long hex head screws at back shelf Panels to Panels: No. 8 x min. 1" long hex head screws through nose of panel	Panels to Deck: Four (4) per panel at back shelf to roof deck Panels to Panels: Four (4) per panel at through nose of panel to attached panels to the next course	-65.0

POSURE B FOR SLOPE RANGE 7	'° < SLOPE < 27° (1.5:12 < PITC	н <u>&lt;</u> 6.1:12)								
Mean Roof Height (ft)	Roof Pressure Zone				Basic V	Vind Speed	l (mph)			
Mean Roof Height (It)	ROOI Pressure Zone	110	115	120	130	140	150	160	180	200
	1	OK	OK	OK	OK	OK	OK	OK	OK	Ok
	2	OK	OK	OK	OK	OK	OK	OK	NO	NC
0 < h <u>&lt;</u> 30	3	OK	OK	OK	OK	OK	NO	NO	NO	NC
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	NC
	3 Overhang	OK	OK	OK	NO	NO	NO	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	OH
	2	OK	OK	OK	OK	OK	OK	OK	NO	NO
30 < h <u>&lt;</u> 40	3	OK	OK	OK	OK	OK	NO	NO	NO	NO
	2 Overhang	OK	OK	OK	OK	OK	OK	NO	NO	NO
	3 Overhang	OK	OK	OK	NO	NO	NO	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	Ol
	2	OK	OK	OK	OK	OK	OK	OK	NO	NO
40 < h ≤ 50	3	OK	OK	OK	OK	NO	NO	NO	NO	NO
	2 Overhang	OK	OK	OK	OK	OK	OK	NO	NO	NO
	3 Overhang	OK	OK	NO	NO	NO	NO	NO	NO	NC
50 < h ≤ 60	1	OK	OK	OK	OK	OK	OK	OK	OK	Ol
	2	OK	OK	OK	OK	OK	OK	OK	NO	NO
	3	OK	OK	OK	OK	NO	NO	NO	NO	NC
	2 Overhang	OK	OK	OK	OK	OK	OK	NO	NO	NO
	3 Overhang	OK	OK	NO	NO	NO	NO	NO	NO	NC

TABLE A-1B: SYSTEM NO. 1: DE	CRA SHAKE PLUS & SHINGLE PL	.US								
EXPOSURE B FOR SLOPE RANGE 2	7° < SLOPE < 45° (6.1:12 < PIT	сн <u>&lt;</u> <b>12:12)</b>								
Mean Roof Height (ft)	Roof Pressure Zone				Basic V	Vind Speed	l (mph)			
wean Root Height (It)	Roof Pressure Zone	110	115	120	130	140	150	160	180	200
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
0 < h <u>&lt;</u> 30	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
30 < h <u>&lt;</u> 40	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
40 < h <u>&lt;</u> 50	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	NO
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
50 < h <u>&lt;</u> 60	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	NO
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	NO	NO	NO



Mean Roof Height (ft)	Roof Pressure Zone				Basic V	Vind Speed	l (mph)			
iviean koor neight (it)	ROOI Pressure Zone	110	115	120	130	140	150	160	180	20
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	OK	NO	N
0 < h <u>&lt;</u> 15	3	OK	OK	OK	OK	NO	NO	NO	NO	N
	2 Overhang	OK	OK	OK	OK	OK	OK	NO	NO	N
	3 Overhang	OK	OK	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	NO	NO	N
15 < h <u>&lt;</u> 20	3	OK	OK	OK	NO	NO	NO	NO	NO	N
	2 Overhang	OK	OK	OK	OK	OK	NO	NO	NO	N
	3 Overhang	OK	NO	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	N
	2	OK	OK	OK	OK	OK	OK	NO	NO	N
20 < h ≤ 30	3	OK	OK	OK	NO	NO	NO	NO	NO	N
	2 Overhang	OK	OK	OK	OK	OK	NO	NO	NO	N
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	N
	2	OK	OK	OK	OK	OK	NO	NO	NO	N
30 < h ≤ 40	3	OK	OK	OK	NO	NO	NO	NO	NO	N
	2 Overhang	OK	OK	OK	OK	NO	NO	NO	NO	N
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	N
	2	OK	OK	OK	OK	OK	NO	NO	NO	N
40 < h <u>&lt;</u> 50	3	OK	OK	NO	NO	NO	NO	NO	NO	N
	2 Overhang	OK	OK	OK	OK	NO	NO	NO	NO	N
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	N
	2	OK	OK	OK	OK	OK	NO	NO	NO	N
50 < h <u>&lt;</u> 60	3	OK	OK	NO	NO	NO	NO	NO	NO	N
	2 Overhang	OK	OK	OK	OK	NO	NO	NO	NO	N
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N

ABLE A-1D: SYSTEM NO. 1: DECR XPOSURE C FOR SLOPE RANGE 27°										
Mean Roof Height (ft)	Roof Pressure Zone				Basic V	Vind Speed	l (mph)			
Weali Kool Height (it)	ROOI Plessure Zolle	110	115	120	130	140	150	160	180	200
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
0 < h <u>&lt;</u> 15	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	NO
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	NO
15 < h <u>&lt;</u> 20	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	NO
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	NO
20 < h <u>&lt;</u> 30	2 & 3	OK	OK	OK	OK	OK	OK	OK	NO	NO
	2 & 3 Overhang	OK	OK	OK	OK	OK	NO	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	NO
30 < h <u>&lt;</u> 40	2 & 3	OK	OK	OK	OK	OK	OK	OK	NO	NO
	2 & 3 Overhang	OK	OK	OK	OK	OK	NO	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	NO
40 < h ≤ 50	2 & 3	OK	OK	OK	OK	OK	OK	OK	NO	NO
	2 & 3 Overhang	OK	OK	OK	OK	NO	NO	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	NO	NO
50 < h <u>&lt;</u> 60	2 & 3	OK	OK	OK	OK	OK	OK	OK	NO	NO
	2 & 3 Overhang	OK	OK	OK	OK	NO	NO	NO	NO	NO



Manu Banf Hainht (ft)	Doof Dunana Zama				Basic V	Vind Speed	l (mph)			
Mean Roof Height (ft)	Roof Pressure Zone	110	115	120	130	140	150	160	180	20
	1	OK	OK	OK	OK	OK	OK	OK	OK	N
	2	OK	OK	OK	OK	OK	NO	NO	NO	N
0 < h <u>&lt;</u> 15	3	OK	OK	OK	NO	NO	NO	NO	NO	N
	2 Overhang	OK	OK	OK	OK	NO	NO	NO	NO	N
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	N
	2	OK	OK	OK	OK	OK	NO	NO	NO	N
15 < h <u>&lt;</u> 20	3	OK	OK	NO	NO	NO	NO	NO	NO	N
	2 Overhang	OK	OK	OK	OK	NO	NO	NO	NO	N
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	N
20 < h ≤ 30	2	OK	OK	OK	OK	NO	NO	NO	NO	N
	3	OK	NO	NO	NO	NO	NO	NO	NO	N
	2 Overhang	OK	OK	OK	NO	NO	NO	NO	NO	N
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	NO	N
	2	OK	OK	OK	OK	NO	NO	NO	NO	N
30 < h <u>&lt;</u> 40	3	OK	NO	NO	NO	NO	NO	NO	NO	N
	2 Overhang	OK	OK	OK	NO	NO	NO	NO	NO	N
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	NO	N
	2	OK	OK	OK	OK	NO	NO	NO	NO	N
40 < h <u>&lt;</u> 50	3	NO	NO	NO	NO	NO	NO	NO	NO	N
	2 Overhang	OK	OK	OK	NO	NO	NO	NO	NO	N
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	NO	N
	2	OK	OK	OK	OK	NO	NO	NO	NO	N
50 < h <u>&lt;</u> 60	3	NO	NO	NO	NO	NO	NO	NO	NO	N
	2 Overhang	OK	OK	OK	NO	NO	NO	NO	NO	N
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N

ABLE A-1F: SYSTEM No. 1: DECR XPOSURE D FOR SLOPE RANGE 27°										
	Roof Pressure Zone				Basic V	Vind Speed	(mph)			
Mean Roof Height (ft)	Roof Pressure Zone	110	115	120	130	140	150	160	180	200
	1	OK	OK	OK	OK	OK	OK	OK	OK	NO
0 < h <u>&lt;</u> 15	2 & 3	OK	OK	OK	OK	OK	OK	OK	NO	NO
	2 & 3 Overhang	OK	OK	OK	OK	OK	NO	NO	NO	NO
<u> </u>	1	OK	OK	OK	OK	OK	OK	OK	OK	NO
15 < h ≤ 20	2 & 3	OK	OK	OK	OK	OK	OK	OK	NO	NO
	2 & 3 Overhang	OK	OK	OK	OK	NO	NO	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	NO	NO
20 < h <u>&lt;</u> 30	2 & 3	OK	OK	OK	OK	OK	OK	OK	NO	NO
	2 & 3 Overhang	OK	OK	OK	OK	NO	NO	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	NO	NO
30 < h <u>&lt;</u> 40	2 & 3	OK	OK	OK	OK	OK	OK	NO	NO	NO
	2 & 3 Overhang	OK	OK	OK	OK	NO	NO	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	NO	NO
40 < h ≤ 50	2 & 3	OK	OK	OK	OK	OK	OK	NO	NO	NO
	2 & 3 Overhang	OK	OK	OK	NO	NO	NO	NO	NO	NO
<u> </u>	1	OK	OK	OK	OK	OK	OK	OK	NO	NO
50 < h <u>&lt;</u> 60	2 & 3	OK	OK	OK	OK	OK	OK	NO	NO	NO
	2 & 3 Overhang	OK	OK	OK	NO	NO	NO	NO	NO	NO



	DECRA SHAKE PLUS &		Tear-Off), or RE	COVER (OVER EXISTING ASPHALT SHINGLES OR E	ur)	
System	Deck	Fire Barrier	Underlav	Panel At	tachment	MDP
No.	(See Note 1)	rife bafflet	Onderlay	Fasteners	Attachment	(psf)
2.	Min. 15/32" APA rated Grade B-C plywood	(Optional) See Note 2	See Note 2	Panels to Deck: No. 8 x min. 1½" long hex head screws at back shelf Panels to Panels: No. 8 x min. 1" long hex head screws through nose of panel	Panels to Deck: Seven (7) per panel at back shelf to roof deck Panels to Panels: Seven (7) per panel at through nose of panel to attached panels to the next course	-102.5

NASS Dark Haisht (ft)	Roof Pressure Zone				Basic V	Vind Speed	(mph)			
Mean Roof Height (ft)	Roof Pressure Zone	110	115	120	130	140	150	160	180	20
	1	OK	OK	OK	OK	OK	OK	OK	OK	Ol
	2	OK	OK	OK	OK	OK	OK	OK	OK	OI
0 < h <u>&lt;</u> 30	3	OK	OK	OK	OK	OK	OK	OK	OK	NO
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	Ol
	3 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	OI
30 < h ≤ 40	2	OK	OK	OK	OK	OK	OK	OK	OK	OI
	3	OK	OK	OK	OK	OK	OK	OK	NO	NO
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	NO
	3 Overhang	OK	OK	OK	OK	OK	OK	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	Ol
	2	OK	OK	OK	OK	OK	OK	OK	OK	Ol
40 < h <u>&lt;</u> 50	3	OK	OK	OK	OK	OK	OK	OK	NO	NO
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	NO
	3 Overhang	OK	OK	OK	OK	OK	NO	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	OI
	2	OK	OK	OK	OK	OK	OK	OK	OK	OI
50 < h <u>&lt;</u> 60	3	OK	OK	OK	OK	OK	OK	OK	NO	NO
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	NO
	3 Overhang	OK	OK	OK	OK	OK	NO	NO	NO	NC

Mean Roof Height (ft)	Roof Pressure Zone				Basic V	Vind Speed	l (mph)			
wean koor Height (It)	Roof Pressure Zone	110	115	120	130	140	150	160	180	200
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
0 < h <u>&lt;</u> 30	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	OK
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
30 < h <u>&lt;</u> 40	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	Ok
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	Ok
	1	OK	OK	OK	OK	OK	OK	OK	OK	Ok
40 < h <u>&lt;</u> 50	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	Ok
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	Ok
	1	OK	OK	OK	OK	OK	OK	OK	OK	Ok
50 < h ≤ 60	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	Ok
	2 & 3 Overhang	ОК	OK	OK	OK	OK	ОК	OK	ОК	NO



Mean Roof Height (ft)	Roof Pressure Zone				Basic V	Vind Speed	l (mph)			
weali kool neight (it)	ROOI Plessure Zolle	110	115	120	130	140	150	160	180	20
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	OK	OK	0
0 < h <u>&lt;</u> 15	3	OK	OK	OK	OK	OK	OK	OK	NO	N
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	N
	3 Overhang	OK	OK	OK	OK	OK	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	OK	OK	N
15 < h <u>&lt;</u> 20	3	OK	OK	OK	OK	OK	OK	OK	NO	N
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	N
	3 Overhang	OK	OK	OK	OK	OK	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	OK	OK	N
20 < h <u>&lt;</u> 30	3	OK	OK	OK	OK	OK	OK	NO	NO	N
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	N
	3 Overhang	OK	OK	OK	OK	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	OK	OK	N
30 < h ≤ 40	3	OK	OK	OK	OK	OK	OK	NO	NO	N
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	N
	3 Overhang	OK	OK	OK	OK	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	OK	OK	N
40 < h <u>&lt;</u> 50	3	OK	OK	OK	OK	OK	NO	NO	NO	N
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	N
	3 Overhang	OK	OK	OK	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	OK	NO	N
50 < h <u>&lt;</u> 60	3	OK	OK	OK	OK	OK	NO	NO	NO	N
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	N
	3 Overhang	OK	OK	OK	NO	NO	NO	NO	NO	N

ABLE A-2D: SYSTEM NO. 2: DECR XPOSURE C FOR SLOPE RANGE 27°										
Mean Roof Height (ft)	Roof Pressure Zone				Basic V	Vind Speed	l (mph)			
Weali Kool Height (it)	ROOI Plessure Zolle	110	115	120	130	140	150	160	180	200
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
0 < h <u>&lt;</u> 15	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
15 < h <u>&lt;</u> 20	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
20 < h <u>&lt;</u> 30	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
30 < h <u>&lt;</u> 40	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
40 < h ≤ 50	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	NO
<u> </u>	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
50 < h ≤ 60	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	NO



Many Doof Height (ft)	Doof Dunganus Zone				Basic V	Vind Speed	(mph)			
Mean Roof Height (ft)	Roof Pressure Zone	110	115	120	130	140	150	160	180	20
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	OK	OK	N
0 < h <u>&lt;</u> 15	3	OK	OK	OK	OK	OK	OK	NO	NO	N
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	N
	3 Overhang	OK	OK	OK	OK	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	OK	OK	N
15 < h <u>&lt;</u> 20	3	OK	OK	OK	OK	OK	NO	NO	NO	N
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	N
	3 Overhang	OK	OK	OK	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	OK	NO	N
20 < h <u>&lt;</u> 30	3	OK	OK	OK	OK	OK	NO	NO	NO	N
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	N
	3 Overhang	OK	OK	OK	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	OK	NO	N
30 < h ≤ 40	3	OK	OK	OK	OK	OK	NO	NO	NO	N
	2 Overhang	OK	OK	OK	OK	OK	OK	NO	NO	N
	3 Overhang	OK	OK	OK	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	OK	NO	N
40 < h <u>&lt;</u> 50	3	OK	OK	OK	OK	NO	NO	NO	NO	N
	2 Overhang	OK	OK	OK	OK	OK	OK	NO	NO	N
	3 Overhang	OK	OK	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	OK	NO	N
50 < h <u>&lt;</u> 60	3	OK	OK	OK	OK	NO	NO	NO	NO	N
	2 Overhang	OK	OK	OK	OK	OK	OK	NO	NO	N
	3 Overhang	OK	OK	NO	NO	NO	NO	NO	NO	N

ABLE A-2F: SYSTEM No. 2: DECR XPOSURE D FOR SLOPE RANGE 27°										
Mean Roof Height (ft)	Roof Pressure Zone				Basic V	Vind Speed	l (mph)			
Weali Kool Height (it)	ROOI Plessure Zolle	110	115	120	130	140	150	160	180	200
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
0 < h <u>&lt;</u> 15	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
15 < h <u>&lt;</u> 20	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
20 < h <u>&lt;</u> 30	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
30 < h <u>&lt;</u> 40	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	NO
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
40 < h ≤ 50	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	NO
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	NO
<u> </u>	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
50 < h <u>&lt;</u> 60	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	NO
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	NO	NO	NO



## B. DECRA VILLA TILE:

	DECRA VILLA TILE	CTION, REROOF (	TEAR-OFF), OR RE	COVER (OVER EXISTING ASPHALT SHINGLES OR E	sur)	
System	Deck	Fire Barrier	Underlay	Panel At	tachment	MDP
No.	(See Note 1)			Fasteners	Attachment	(psf)
3.	Min. 15/32" APA rated Grade CDX plywood	(Optional) See Note 2	See Note 2	No. 8 x min. 1½" long hex head screws	Spaced 10-inch apart with one fastener per tab for total of four fasteners per panel length	-52.5

ABLE B-1a: SYSTEM No. 3: DE XPOSURE B FOR SLOPE RANGE 7		н <u>&lt;</u> 6.1:12)								
Many Boof Height (ft)	Roof Pressure Zone				Basic V	Vind Speed	l (mph)			
Mean Roof Height (ft)	Rooi Pressure Zone	110	115	120	130	140	150	160	180	200
	1	OK	OK	OK	OK	OK	OK	OK	OK	ОК
	2	OK	OK	OK	OK	OK	OK	OK	NO	NO
0 < h <u>&lt;</u> 30	3	OK	OK	OK	OK	NO	NO	NO	NO	NO
	2 Overhang	OK	OK	OK	OK	OK	NO	NO	NO	NO
	3 Overhang	OK	NO	NO	NO	NO	NO	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2	OK	OK	OK	OK	OK	OK	NO	NO	NO
30 < h <u>&lt;</u> 40	3	OK	OK	OK	NO	NO	NO	NO	NO	NO
	2 Overhang	OK	OK	OK	OK	OK	NO	NO	NO	NO
	3 Overhang	OK	NO	NO	NO	NO	NO	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	NO
	2	OK	OK	OK	OK	OK	NO	NO	NO	NO
40 < h <u>&lt;</u> 50	3	OK	OK	OK	NO	NO	NO	NO	NO	NO
	2 Overhang	OK	OK	OK	OK	NO	NO	NO	NO	NO
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	NO
	2	OK	OK	OK	OK	OK	NO	NO	NO	NO
50 < h <u>&lt;</u> 60	3	OK	OK	NO	NO	NO	NO	NO	NO	NO
	2 Overhang	OK	OK	OK	OK	NO	NO	NO	NO	NO
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	NO

TABLE B-1B: SYSTEM NO. 3: DEC EXPOSURE B FOR SLOPE RANGE 2		сн <u>&lt;</u> <b>12:12)</b>								
Many Boof Height (ft)	Roof Pressure Zone				Basic V	Vind Speed	l (mph)			
Mean Roof Height (ft)	Rooi Pressure Zone	110	115	120	130	140	150	160	180	200
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
0 < h <u>&lt;</u> 30	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	NO
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	NO
30 < h ≤ 40	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	NO
	2 & 3 Overhang	OK	OK	OK	OK	OK	NO	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	NO
40 < h ≤ 50	2 & 3	OK	OK	OK	OK	OK	OK	OK	NO	NO
	2 & 3 Overhang	OK	OK	OK	OK	OK	NO	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	NO
50 < h <u>&lt;</u> 60	2 & 3	OK	OK	OK	OK	OK	OK	OK	NO	NO
	2 & 3 Overhang	OK	OK	OK	OK	OK	NO	NO	NO	NO



Mean Roof Height (ft)	Roof Pressure Zone				Basic V	Vind Speed	l (mph)			
weatt Koot Height (it)	ROOI Pressure Zone	110	115	120	130	140	150	160	180	20
	1	OK	OK	OK	OK	OK	OK	OK	OK	N
	2	OK	OK	OK	OK	OK	NO	NO	NO	N
0 < h <u>&lt;</u> 15	3	OK	OK	OK	NO	NO	NO	NO	NO	N
	2 Overhang	OK	OK	OK	OK	NO	NO	NO	NO	N
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	N
	2	OK	OK	OK	OK	OK	NO	NO	NO	N
15 < h <u>&lt;</u> 20	3	OK	OK	NO	NO	NO	NO	NO	NO	N
	2 Overhang	OK	OK	OK	OK	NO	NO	NO	NO	N
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	NO	N
	2	OK	OK	OK	OK	NO	NO	NO	NO	N
20 < h <u>&lt;</u> 30	3	OK	NO	NO	NO	NO	NO	NO	NO	N
	2 Overhang	OK	OK	OK	NO	NO	NO	NO	NO	N
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	NO	N
	2	OK	OK	OK	OK	NO	NO	NO	NO	N
30 < h <u>&lt;</u> 40	3	NO	NO	NO	NO	NO	NO	NO	NO	N
	2 Overhang	OK	OK	OK	NO	NO	NO	NO	NO	N
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	NO	N
	2	OK	OK	OK	NO	NO	NO	NO	NO	N
40 < h <u>&lt;</u> 50	3	NO	NO	NO	NO	NO	NO	NO	NO	N
	2 Overhang	OK	OK	NO	NO	NO	NO	NO	NO	N
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	NO	N
	2	OK	OK	OK	NO	NO	NO	NO	NO	N
50 < h < 60	3	NO	NO	NO	NO	NO	NO	NO	NO	N
	2 Overhang	OK	OK	NO	NO	NO	NO	NO	NO	N
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N

ABLE B-1D: SYSTEM NO. 3: DECR XPOSURE C FOR SLOPE RANGE 27°		:н <u>&lt;</u> 12:12)								
Mean Roof Height (ft)	Roof Pressure Zone				Basic V	Vind Speed	l (mph)			
Weali Kool Height (it)	Roof Plessure Zolle	110	115	120	130	140	150	160	180	200
	1	OK	OK	OK	OK	OK	OK	OK	OK	NO
0 < h <u>&lt;</u> 15	2 & 3	OK	OK	OK	OK	OK	OK	OK	NO	NO
	2 & 3 Overhang	OK	OK	OK	OK	OK	NO	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	NO	NO
15 < h <u>&lt;</u> 20	2 & 3	OK	OK	OK	OK	OK	OK	OK	NO	NO
	2 & 3 Overhang	OK	OK	OK	OK	NO	NO	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	NO	NO
20 < h <u>&lt;</u> 30	2 & 3	OK	OK	OK	OK	OK	OK	NO	NO	NO
	2 & 3 Overhang	OK	OK	OK	OK	NO	NO	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	NO	NO
30 < h <u>&lt;</u> 40	2 & 3	OK	OK	OK	OK	OK	OK	NO	NO	NO
	2 & 3 Overhang	OK	OK	OK	NO	NO	NO	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	NO	NO
40 < h <u>&lt;</u> 50	2 & 3	OK	OK	OK	OK	OK	OK	NO	NO	NO
	2 & 3 Overhang	OK	OK	OK	NO	NO	NO	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	NO	NO	NO
50 < h <u>&lt;</u> 60	2 & 3	OK	OK	OK	OK	OK	NO	NO	NO	NO
	2 & 3 Overhang	OK	OK	OK	NO	NO	NO	NO	NO	NO



Mean Roof Height (ft)	Roof Pressure Zone				Basic V	Vind Speed	l (mph)			
iviean koor neight (it)	ROOI Pressure Zone	110	115	120	130	140	150	160	180	20
	1	OK	OK	OK	OK	OK	OK	OK	NO	N
	2	OK	OK	OK	OK	NO	NO	NO	NO	N
0 < h <u>&lt;</u> 15	3	NO	NO	NO	NO	NO	NO	NO	NO	N
	2 Overhang	OK	OK	OK	NO	NO	NO	NO	NO	N
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	NO	N
	2	OK	OK	OK	NO	NO	NO	NO	NO	N
15 < h <u>&lt;</u> 20	3	NO	NO	NO	NO	NO	NO	NO	NO	N
	2 Overhang	OK	OK	NO	NO	NO	NO	NO	NO	N
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	NO	N
	2	OK	OK	OK	NO	NO	NO	NO	NO	N
20 < h <u>&lt;</u> 30	3	NO	NO	NO	NO	NO	NO	NO	NO	N
	2 Overhang	OK	OK	NO	NO	NO	NO	NO	NO	N
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	NO	N
	2	OK	OK	OK	NO	NO	NO	NO	NO	N
30 < h ≤ 40	3	NO	NO	NO	NO	NO	NO	NO	NO	N
	2 Overhang	OK	NO	NO	NO	NO	NO	NO	NO	N
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	NO	NO	N
	2	OK	OK	NO	NO	NO	NO	NO	NO	N
40 < h ≤ 50	3	NO	NO	NO	NO	NO	NO	NO	NO	N
	2 Overhang	OK	NO	NO	NO	NO	NO	NO	NO	N
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	NO	NO	N
	2	OK	OK	NO	NO	NO	NO	NO	NO	N
50 < h ≤ 60	3	NO	NO	NO	NO	NO	NO	NO	NO	N
	2 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N

TABLE B-1F: SYSTEM No. 3: DECRAEXPOSURE D FOR SLOPE RANGE 27°		:н <u>&lt;</u> 12:12)								
Mean Roof Height (ft)	Roof Pressure Zone				Basic V	Vind Speed	l (mph)			
Mean Root Height (It)	ROOI Plessure Zolle	110	115	120	130	140	150	160	180	200
	1	OK	OK	OK	OK	OK	OK	OK	NO	NO
0 < h <u>&lt;</u> 15	2 & 3	OK	OK	OK	OK	OK	OK	NO	NO	NO
	2 & 3 Overhang	OK	OK	OK	NO	NO	NO	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	NO	NO
15 < h <u>&lt;</u> 20	2 & 3	OK	OK	OK	OK	OK	OK	NO	NO	NO
	2 & 3 Overhang	OK	OK	OK	NO	NO	NO	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	NO	NO	NO
20 < h <u>&lt;</u> 30	2 & 3	OK	OK	OK	OK	OK	NO	NO	NO	NO
	2 & 3 Overhang	OK	OK	OK	NO	NO	NO	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	NO	NO	NO
30 < h <u>&lt;</u> 40	2 & 3	OK	OK	OK	OK	OK	NO	NO	NO	NO
	2 & 3 Overhang	OK	OK	NO	NO	NO	NO	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	NO	NO	NO
40 < h <u>&lt;</u> 50	2 & 3	OK	OK	OK	OK	NO	NO	NO	NO	NO
	2 & 3 Overhang	OK	OK	NO	NO	NO	NO	NO	NO	NO
	1	OK	OK	OK	OK	OK	NO	NO	NO	NO
50 < h <u>&lt;</u> 60	2 & 3	OK	OK	OK	OK	NO	NO	NO	NO	NO
	2 & 3 Overhang	OK	NO	NO	NO	NO	NO	NO	NO	NO



	: DECRA VILLA TILE CKS - NEW CONSTRU	CTION, REROOF (	TEAR-OFF), OR RE	COVER (OVER EXISTING ASPHALT SHINGLES OR E	BUR)	
System	Deck	Fire Barrier	Underlay	Panel At	tachment	MDP
No.	(See Note 1)		,	Fasteners	Attachment	(psf)
4.	Min. 15/32" APA rated Grade B-C plywood	(Optional) See Note 2	See Note 2	No. 12 x min. 1½" long hex head screws with 5/16" head diameter	Spaced 10-inch apart with one fastener per tab for total of four fasteners per panel length	-76.5

BLE B-2a: SYSTEM No. 4: DE POSURE B FOR SLOPE RANGE 7	CRA VILLA TILE '° < slope <u>&lt;</u> 27° (1.5:12 < pitc	н <u>&lt;</u> 6.1:12)								
Maan Doof Height (ft)	Roof Pressure Zone				Basic V	Vind Speed	l (mph)			
Mean Roof Height (ft)	Roof Pressure Zone	110	115	120	130	140	150	160	180	200
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2	OK	OK	OK	OK	OK	OK	OK	OK	NO
0 < h <u>&lt;</u> 30	3	OK	OK	OK	OK	OK	OK	NO	NO	NO
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	NO
	3 Overhang	OK	OK	OK	OK	NO	NO	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2	OK	OK	OK	OK	OK	OK	OK	OK	NC
30 < h <u>&lt;</u> 40	3	OK	OK	OK	OK	OK	OK	NO	NO	NC
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	NC
	3 Overhang	OK	OK	OK	OK	NO	NO	NO	NO	NC
	1	OK	OK	OK	OK	OK	OK	OK	OK	Ok
	2	OK	OK	OK	OK	OK	OK	OK	OK	NC
40 < h <u>&lt;</u> 50	3	OK	OK	OK	OK	OK	NO	NO	NO	NC
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	NC
	3 Overhang	OK	OK	OK	NO	NO	NO	NO	NO	NC
	1	OK	OK	OK	OK	OK	OK	OK	OK	Ok
	2	OK	OK	OK	OK	OK	OK	OK	NO	NC
50 < h <u>&lt;</u> 60	3	OK	OK	OK	OK	OK	NO	NO	NO	NC
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	NC
	3 Overhang	OK	OK	OK	NO	NO	NO	NO	NO	NC

TABLE B-2B: SYSTEM No. 4: DEC	CRA VILLA TILE									
EXPOSURE B FOR SLOPE RANGE 2	7° < SLOPE < 45° (6.1:12 < PIT	сн <u>&lt;</u> <b>12:12)</b>								
Maan Boof Height (ft)	Roof Pressure Zone				Basic V	Vind Speed	l (mph)			
Mean Roof Height (ft)	Roof Pressure Zone	110	115	120	130	140	150	160	180	200
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
0 < h <u>&lt;</u> 30	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
30 < h <u>&lt;</u> 40	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
40 < h <u>&lt;</u> 50	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
50 < h <u>&lt;</u> 60	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	NO



POSURE C FOR SLOPE RANGE 7°	- 3LUPE \ Z/ (1.3.12 \ PIIC	1 <u>&gt;</u> 0.1.12)			Pacie V	Vind Speed	l (mnh)			
Mean Roof Height (ft)	Roof Pressure Zone	110	115	120	130	140	150	160	180	20
	1	OK	OK	OK	OK	OK	OK	OK	OK	Ol
	2	OK	OK	OK	OK	OK	OK	OK	NO	N
0 < h <u>&lt;</u> 15	3	OK	OK	OK	OK	OK	NO	NO	NO	N
<del>-</del>	2 Overhang	OK	OK	OK	ОК	OK	OK	OK	NO	N
	3 Overhang	OK	OK	OK	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	ОК	OK	OK	OK	OK	0
	2	ОК	OK	OK	ОК	OK	OK	OK	NO	N
15 < h ≤ 20	3	ОК	OK	OK	OK	OK	NO	NO	NO	N
	2 Overhang	OK	OK	OK	OK	OK	OK	NO	NO	N
	3 Overhang	OK	OK	OK	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	OK	NO	N
20 < h <u>&lt;</u> 30	3	OK	OK	OK	OK	NO	NO	NO	NO	N
	2 Overhang	OK	OK	OK	OK	OK	OK	NO	NO	N
	3 Overhang	OK	OK	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	NO	NO	N
30 < h ≤ 40	3	OK	OK	OK	OK	NO	NO	NO	NO	N
	2 Overhang	OK	OK	OK	OK	OK	NO	NO	NO	N
	3 Overhang	OK	NO	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	NO	NO	N
40 < h ≤ 50	3	OK	OK	OK	NO	NO	NO	NO	NO	N
	2 Overhang	OK	OK	OK	OK	OK	NO	NO	NO	N
	3 Overhang	OK	NO	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	NO	NO	N
50 < h <u>&lt;</u> 60	3	OK	OK	OK	NO	NO	NO	NO	NO	N
	2 Overhang	OK	OK	OK	OK	OK	NO	NO	NO	N
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	NO

BLE B-2D: SYSTEM NO. 4: DECR		:н <u>&lt;</u> 12:12)								
Mean Roof Height (ft)	Roof Pressure Zone				Basic V	Vind Speed	(mph)			
wiedii kooi neigiit (it)	ROOI Pressure Zone	110	115	120	130	140	150	160	180	200
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
0 < h <u>&lt;</u> 15	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	ОК
15 < h ≤ 20	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	NO
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	ОК
20 < h ≤ 30	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	NO
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	ОК
30 < h <u>&lt;</u> 40	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	NO
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	NO
40 < h ≤ 50	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	NO
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	NO
50 < h ≤ 60	2 & 3	OK	OK	OK	OK	OK	OK	OK	NO	NO
	2 & 3 Overhang	OK	OK	OK	OK	OK	NO	NO	NO	NO



Mean Roof Height (ft)	Roof Pressure Zone				Basic V	Vind Speed	l (mph)			
iviean koor neight (it)	ROOI Pressure Zone	110	115	120	130	140	150	160	180	20
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	OK	NO	N
0 < h <u>&lt;</u> 15	3	OK	OK	OK	OK	NO	NO	NO	NO	N
	2 Overhang	OK	OK	OK	OK	OK	NO	NO	NO	N
	3 Overhang	OK	NO	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	NO	NO	N
15 < h <u>&lt;</u> 20	3	OK	OK	OK	NO	NO	NO	NO	NO	N
	2 Overhang	OK	OK	OK	OK	OK	NO	NO	NO	N
	3 Overhang	OK	NO	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	N
	2	OK	OK	OK	OK	OK	OK	NO	NO	N
20 < h <u>&lt;</u> 30	3	OK	OK	OK	NO	NO	NO	NO	NO	N
	2 Overhang	OK	OK	OK	OK	NO	NO	NO	NO	N
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	N
	2	OK	OK	OK	OK	OK	NO	NO	NO	N
30 < h <u>&lt;</u> 40	3	OK	OK	OK	NO	NO	NO	NO	NO	N
	2 Overhang	OK	OK	OK	OK	NO	NO	NO	NO	N
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	N
	2	OK	OK	OK	OK	OK	NO	NO	NO	N
40 < h <u>&lt;</u> 50	3	OK	OK	NO	NO	NO	NO	NO	NO	N
	2 Overhang	OK	OK	OK	OK	NO	NO	NO	NO	N
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	N
	2	OK	OK	OK	OK	OK	NO	NO	NO	N
50 < h <u>&lt;</u> 60	3	OK	OK	NO	NO	NO	NO	NO	NO	N
	2 Overhang	OK	OK	OK	OK	NO	NO	NO	NO	N
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N

TABLE B-2F: SYSTEM NO. 4: DECR. Exposure D for Slope Range 27°		:н <u>&lt;</u> 12:12)								
Mean Roof Height (ft)	Roof Pressure Zone				Basic V	Vind Speed	l (mph)			
Weali Kool Height (It)	ROUI Plessure Zolle	110	115	120	130	140	150	160	180	200
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
0 < h <u>&lt;</u> 15	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	NO
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	NO
15 < h <u>&lt;</u> 20	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	NO
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	NO
20 < h <u>&lt;</u> 30	2 & 3	OK	OK	OK	OK	OK	OK	OK	NO	NO
	2 & 3 Overhang	OK	OK	OK	OK	OK	NO	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	NO
30 < h <u>&lt;</u> 40	2 & 3	OK	OK	OK	OK	OK	OK	OK	NO	NO
	2 & 3 Overhang	OK	OK	OK	OK	OK	NO	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	NO
40 < h <u>&lt;</u> 50	2 & 3	OK	OK	OK	OK	OK	OK	OK	NO	NO
	2 & 3 Overhang	OK	OK	OK	OK	OK	NO	NO	NO	NO
<u> </u>	1	OK	OK	OK	OK	OK	OK	OK	NO	NO
50 < h <u>&lt;</u> 60	2 & 3	OK	OK	OK	OK	OK	OK	OK	NO	NO
	2 & 3 Overhang	OK	OK	OK	OK	NO	NO	NO	NO	NO



	ECKS - NEW CON		EROOF (TEA	R-Off), OR RECO	VER (OVER EXIST	ING ASPHALT SHIN	GLES OR BUR)		
System	Deck	Fire	Under-		Battens		Pa	nnel Attachment	MDP
No.	(See Note 1)	Barrier	lay	Type & Spacing	Fasteners	Attach	Fasteners	Attachment	(psf)
5.	Min. 15/32" APA rated Grade B-C plywood atop No. 2 grade SPF joists spaced 24" o.c.	(Optional) See Note 2	See Note 2	Nominal 1 x 4 wood battens spaced 14½" o.c.	No. 8 coarse thread, 2½" long with 5/16" head diameter	Two (2) screws per attachment point spaced 24" o.c. into joists	Panels to Battens: No. 12 x min. 1½" long hex head screws with 5/16" head diameter Panels to Panels: No. 8 x min. ¾" long pan head screws	Panels To Battens: 10" o.c. with one screw per shingle fastening tap and one screw next to each tab on both sides of the tab for a total of twelve (12) per panel length.  Panels to Panels: 4" o.c. at each panel peak to fasten panel course seams together for a total of eight (8) per panel.	-153.0

ABLE B-3A: SYSTEM NO. 5: DE XPOSURE B FOR SLOPE RANGE 7		н <u>&lt;</u> 6.1:12)								
Moon Boof Hoight (ft)	Roof Pressure Zone				Basic V	Vind Speed	l (mph)			
Mean Roof Height (ft)	Rooi Pressure Zone	110	115	120	130	140	150	160	180	200
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2	OK	OK	OK	OK	OK	OK	OK	OK	OK
0 < h <u>&lt;</u> 30	3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	OK
	3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2	OK	OK	OK	OK	OK	OK	OK	OK	OK
30 < h ≤ 40	3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	ОК
	3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	ОК
	2	OK	OK	OK	OK	OK	OK	OK	OK	OK
40 < h <u>&lt;</u> 50	3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	OK
	3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	ОК
	2	OK	OK	OK	OK	OK	OK	OK	OK	OK
50 < h <u>&lt;</u> 60	3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	OK
	3 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	NO

Many Boof Height (ft)	Roof Pressure Zone				Basic V	Vind Speed	l (mph)			
Mean Roof Height (ft)	Roof Pressure Zone	110	115	120	130	140	150	160	180	200
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
0 < h <u>&lt;</u> 30	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	OK
20 1 10	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
30 < h <u>&lt;</u> 40	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	OK
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
40 < h <u>&lt;</u> 50	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	OK
	1	OK	OK	OK	OK	OK	OK	OK	OK	Ok
50 < h <u>&lt;</u> 60	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	Ok
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	OK



Many Boof Height (ft)	Roof Pressure Zone				Basic V	Vind Speed	l (mph)			
Mean Roof Height (ft)	Roof Pressure Zone	110	115	120	130	140	150	160	180	20
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	OK	OK	0
0 < h <u>&lt;</u> 15	3	OK	OK	OK	OK	OK	OK	OK	OK	0
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	0
	3 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	OK	OK	0
15 < h ≤ 20	3	OK	OK	OK	OK	OK	OK	OK	OK	N
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	0
	3 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	OK	OK	0
20 < h ≤ 30	3	OK	OK	OK	OK	OK	OK	OK	OK	N
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	0
	3 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	OK	OK	0
30 < h ≤ 40	3	OK	OK	OK	OK	OK	OK	OK	OK	N
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	0
	3 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	OK	OK	0
40 < h ≤ 50	3	OK	OK	OK	OK	OK	OK	OK	OK	N
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	0
	3 Overhang	OK	OK	OK	OK	OK	OK	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	OK	OK	0
50 < h ≤ 60	3	OK	OK	ОК	OK	OK	OK	OK	NO	N
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	N
	3 Overhang	OK	OK	OK	OK	OK	OK	NO	NO	N

BLE B-3D: SYSTEM NO. 5: DECR POSURE C FOR SLOPE RANGE 27°		:н <u>&lt;</u> 12:12)								
Mean Roof Height (ft)	Roof Pressure Zone				Basic V	Vind Speed	l (mph)			
weall kool Height (it)	ROOI Pressure Zone	110	115	120	130	140	150	160	180	200
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
0 < h <u>&lt;</u> 15	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	Ok
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	Ok
	1	OK	OK	OK	OK	OK	OK	OK	OK	Ok
15 < h <u>&lt;</u> 20	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	Ok
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	Ok
	1	OK	OK	OK	OK	OK	OK	OK	OK	OH
20 < h <u>&lt;</u> 30	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	Ok
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	Ok
	1	OK	OK	OK	OK	OK	OK	OK	OK	Ok
30 < h <u>&lt;</u> 40	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OH
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	OH
	1	OK	OK	OK	OK	OK	OK	OK	OK	OH
40 < h <u>&lt;</u> 50	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OH
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	Ol
	1	OK	OK	OK	OK	OK	OK	OK	OK	OH
50 < h <u>&lt;</u> 60	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OH
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	Ok



POSURE D FOR SLOPE RANGE 7°	SLOPE < 27° (1.5:12 < PITCI	<b>1 ≤ 6.1:12</b> )								
Mean Roof Height (ft)	Roof Pressure Zone			1		Vind Speed	<u>, , , , , , , , , , , , , , , , , , , </u>		ı	1
mean noor neight (it)		110	115	120	130	140	150	160	180	200
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2	OK	OK	OK	OK	OK	OK	OK	OK	Ok
0 < h <u>&lt;</u> 15	3	OK	OK	OK	OK	OK	OK	OK	OK	NC
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	Ol
	3 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	OI
	2	OK	OK	OK	OK	OK	OK	OK	OK	0
15 < h ≤ 20	3	OK	OK	OK	OK	OK	OK	OK	OK	N
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	0
	3 Overhang	OK	OK	OK	OK	OK	OK	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	OK	OK	0
20 < h <u>&lt;</u> 30	3	OK	OK	OK	OK	OK	OK	OK	NO	N
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	N
	3 Overhang	OK	OK	OK	OK	OK	OK	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	OK	OK	0
30 < h ≤ 40	3	OK	OK	OK	OK	OK	OK	OK	NO	N
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	N
	3 Overhang	OK	OK	OK	OK	OK	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	OK	OK	0
40 < h ≤ 50	3	OK	OK	OK	OK	OK	OK	OK	NO	N
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	N
	3 Overhang	OK	OK	OK	OK	OK	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	OK	OK	0
50 < h ≤ 60	3	OK	OK	OK	OK	OK	OK	OK	NO	N
<del>-</del>	2 Overhang	OK	OK	OK	OK	OK	ОК	OK	OK	N
	3 Overhang	OK	OK	OK	OK	OK	NO	NO	NO	N

TABLE B-3F: SYSTEM NO. 5: DECR EXPOSURE D FOR SLOPE RANGE 27°		:н <u>&lt;</u> 12:12)								
Mean Roof Height (ft)	Roof Pressure Zone				Basic V	Vind Speed	l (mph)			
Mean Roof Height (It)	ROOI Pressure Zone	110	115	120	130	140	150	160	180	200
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
0 < h <u>&lt;</u> 15	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	OK
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
15 < h <u>&lt;</u> 20	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	OK
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
20 < h <u>&lt;</u> 30	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	OK
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
30 < h <u>&lt;</u> 40	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	OK
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
40 < h ≤ 50	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	ОК
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
50 < h ≤ 60	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	NO



## C. DECRA SHAKE XD OR SHINGLE XD:

TABLE C-1: DECRA SHAKE XD OR SHINGLE XD WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF), OR RECOVER (OVER EXISTING ASPHALT SHINGLES OR BUR)											
System	Deck	Fire Barrier	Underlay		tachment	MDP					
NO.	No. (See Note 1)			Fasteners	Attachment	(psf)					
6.	Min. 15/32" APA rated Grade B-C plywood	(Optional) See Note 2	See Note 2	No. 8 x min. 1½" long hex head screws with ¼" head diameter	Spaced 10-inch o.c. with one fastener per panel fastening location for a total of five (5) per panel.	-78.5					

	° < SLOPE < 27° (1.5:12 < PITC	11 3 0111111	Basic Wind Speed (mph)										
Mean Roof Height (ft)	Roof Pressure Zone		1	1			· · ·			т			
		110	115	120	130	140	150	160	180	200			
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK			
	2	OK	OK	OK	OK	OK	OK	OK	OK	NC			
0 < h <u>&lt;</u> 30	3	OK	OK	OK	OK	OK	OK	OK	NO	NC			
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	NC			
	3 Overhang	OK	OK	OK	OK	OK	NO	NO	NO	NC			
	1	OK	OK	OK	OK	OK	OK	OK	OK	Ok			
	2	OK	OK	OK	OK	OK	OK	OK	OK	NC			
30 < h <u>&lt;</u> 40	3	OK	OK	OK	OK	OK	OK	NO	NO	NC			
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	NC			
	3 Overhang	OK	OK	OK	OK	NO	NO	NO	NO	NC			
	1	OK	OK	OK	OK	OK	OK	OK	OK	Ok			
	2	OK	OK	OK	OK	OK	OK	OK	OK	NC			
40 < h ≤ 50	3	OK	OK	OK	OK	OK	OK	NO	NO	NC			
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	NC			
	3 Overhang	OK	OK	OK	OK	NO	NO	NO	NO	NC			
	1	OK	OK	OK	OK	OK	OK	OK	OK	OH			
50 < h <u>&lt;</u> 60	2	OK	OK	OK	OK	OK	OK	OK	NO	NO			
	3	OK	OK	OK	OK	OK	NO	NO	NO	NC			
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	NC			
	3 Overhang	ОК	OK	OK	NO	NO	NO	NO	NO	NC			

TABLE C-1B: SYSTEM No. 6: DEC	CRA SHAKE XD OR SHINGLE XD									
EXPOSURE B FOR SLOPE RANGE 2	7° < SLOPE < 45° (6.1:12 < PIT	сн <u>&lt;</u> <b>12:12)</b>								
Mean Roof Height (ft)	Roof Pressure Zone				Basic V	Vind Speed	l (mph)			
Wean Roof Height (It)	Rooi Pressure Zone	110	115	120	130	140	150	160	180	200
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
0 < h <u>&lt;</u> 30	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
30 < h <u>&lt;</u> 40	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
40 < h <u>&lt;</u> 50	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
50 < h <u>&lt;</u> 60	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	NO



Maria Daniella (6)	D. (D				Basic V	Vind Speed	l (mph)			
Mean Roof Height (ft)	Roof Pressure Zone	110	115	120	130	140	150	160	180	20
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	OK	NO	N
0 < h <u>&lt;</u> 15	3	OK	OK	OK	OK	OK	NO	NO	NO	N
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	N
	3 Overhang	OK	OK	OK	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	OK	NO	N
15 < h <u>&lt;</u> 20	3	OK	OK	OK	OK	OK	NO	NO	NO	N
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	N
	3 Overhang	OK	OK	OK	NO	NO	NO	NO	NO	N
20 < h ≤ 30	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	OK	NO	N
	3	OK	OK	OK	OK	NO	NO	NO	NO	N
	2 Overhang	OK	OK	OK	OK	OK	OK	NO	NO	N
	3 Overhang	OK	OK	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	OK	NO	N
30 < h ≤ 40	3	OK	OK	OK	OK	NO	NO	NO	NO	N
	2 Overhang	OK	OK	OK	OK	OK	NO	NO	NO	N
	3 Overhang	OK	OK	NO	NO	NO	NO	NO	NO	N
•	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	NO	NO	N
40 < h ≤ 50	3	OK	OK	OK	NO	NO	NO	NO	NO	N
	2 Overhang	OK	OK	OK	OK	OK	NO	NO	NO	N
	3 Overhang	OK	NO	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	NO	NO	N
50 < h <u>&lt;</u> 60	3	OK	OK	OK	NO	NO	NO	NO	NO	N
	2 Overhang	OK	OK	OK	OK	OK	NO	NO	NO	N
	3 Overhang	OK	NO	NO	NO	NO	NO	NO	NO	N

ABLE C-1D: SYSTEM NO. 6: DECR XPOSURE C FOR SLOPE RANGE 27°		:н <u>&lt;</u> 12:12)								
Mean Roof Height (ft)	Roof Pressure Zone				Basic V	Vind Speed	(mph)			
Weali Kool Height (it)	ROOI Plessure Zolle	110	115	120	130	140	150	160	180	200
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
0 < h <u>&lt;</u> 15	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
15 < h ≤ 20	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	ОК
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
20 < h ≤ 30	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	NO
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	ОК
30 < h <u>&lt;</u> 40	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	NO
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	NO
40 < h ≤ 50	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	NO
40 VII <u>2</u> 30	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	NO
50 < h ≤ 60	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	NO
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	NO	NO	NO



Mean Roof Height (ft)	Roof Pressure Zone				Basic V	Vind Speed	l (mph)			
iviean koor neight (it)	ROOI Pressure Zone	110	115	120	130	140	150	160	180	20
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	OK	NO	N
0 < h <u>&lt;</u> 15	3	OK	OK	OK	OK	NO	NO	NO	NO	N
	2 Overhang	OK	OK	OK	OK	OK	OK	NO	NO	N
	3 Overhang	OK	OK	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	NO	NO	N
15 < h <u>&lt;</u> 20	3	OK	OK	OK	OK	NO	NO	NO	NO	N
	2 Overhang	OK	OK	OK	OK	OK	NO	NO	NO	N
	3 Overhang	OK	NO	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	NO	NO	N
20 < h <u>&lt;</u> 30	3	OK	OK	OK	NO	NO	NO	NO	NO	N
	2 Overhang	OK	OK	OK	OK	OK	NO	NO	NO	N
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	N
	2	OK	OK	OK	OK	OK	NO	NO	NO	N
30 < h ≤ 40	3	OK	OK	OK	NO	NO	NO	NO	NO	N
	2 Overhang	OK	OK	OK	OK	NO	NO	NO	NO	N
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	N
	2	OK	OK	OK	OK	OK	NO	NO	NO	N
40 < h <u>&lt;</u> 50	3	OK	OK	OK	NO	NO	NO	NO	NO	N
	2 Overhang	OK	OK	OK	OK	NO	NO	NO	NO	N
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	N
	2	OK	OK	OK	OK	OK	NO	NO	NO	N
50 < h <u>&lt;</u> 60	3	OK	OK	NO	NO	NO	NO	NO	NO	N
	2 Overhang	OK	OK	OK	OK	NO	NO	NO	NO	N
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N

ABLE C-1f: SYSTEM No. 6: DECRA XPOSURE D FOR SLOPE RANGE 27°		:н <u>&lt;</u> 12:12)								
Mean Roof Height (ft)	Roof Pressure Zone				Basic V	Vind Speed	l (mph)			
Weali Kool Height (It)	ROOI Plessure Zoile	110	115	120	130	140	150	160	180	200
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
0 < h <u>&lt;</u> 15	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	NO
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	NO
15 < h ≤ 20	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	NO
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	NO
20 < h ≤ 30	2 & 3	OK	OK	OK	OK	OK	OK	OK	NO	NO
	2 & 3 Overhang	OK	OK	OK	OK	OK	NO	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	NO
30 < h <u>&lt;</u> 40	2 & 3	OK	OK	OK	OK	OK	OK	OK	NO	NO
	2 & 3 Overhang	OK	OK	OK	OK	OK	NO	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	NO
40 < h ≤ 50	2 & 3	OK	OK	OK	OK	OK	OK	OK	NO	NO
10 (11 250	2 & 3 Overhang	OK	OK	OK	OK	OK	NO	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	NO
50 < h <u>&lt;</u> 60	2 & 3	OK	OK	OK	OK	OK	OK	OK	NO	NO
	2 & 3 Overhang	OK	OK	OK	OK	NO	NO	NO	NO	NO



	TABLE C-2: DECRA SHAKE XD OR SHINGLE XD  WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF), OR RECOVER (OVER EXISTING ASPHALT SHINGLES OR BUR)											
System	Deck	Fire Barrier	Underlay	Panel At	tachment	MDP						
No.	No. (See Note 1)	The barrier Olideriay		Fasteners	Attachment	(psf)						
7.	Min. 15/32" APA rated Grade B-C plywood	(Optional) See Note 2	See Note 2	No. 8 x min. 1½" long hex head screws with ¼" head diameter	Spaced 5-inch o.c. with one fastener per panel fastening location for a total of ten (10) per panel.	-153.5						

POSURE B FOR SLOPE RANGE 7	° < SLOPE < 27° (1.5:12 < PITC	н <u>&lt;</u> 6.1:12)								
Mean Roof Height (ft)	Roof Pressure Zone				Basic V	Vind Speed	(mph)			
wiedli kool neight (it)	Roof Plessure Zolle	110	115	120	130	140	150	160	180	200
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2	OK	OK	OK	OK	OK	OK	OK	OK	ОК
0 < h <u>&lt;</u> 30	3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	Ok
	3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	NC
	1	OK	OK	OK	OK	OK	OK	OK	OK	Ok
	2	OK	OK	OK	OK	OK	OK	OK	OK	Ol
30 < h <u>&lt;</u> 40	3	OK	OK	OK	OK	OK	OK	OK	OK	OH
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	Ol
	3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	NC
	1	OK	OK	OK	OK	OK	OK	OK	OK	Ol
	2	OK	OK	OK	OK	OK	OK	OK	OK	Ol
40 < h <u>&lt;</u> 50	3	OK	OK	OK	OK	OK	OK	OK	OK	OH
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	Ol
	3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	NC
	1	OK	OK	OK	OK	OK	OK	OK	OK	Ol
50 < h <u>&lt;</u> 60	2	OK	OK	OK	OK	OK	OK	OK	OK	Ol
	3	OK	OK	OK	OK	OK	OK	OK	OK	Ol
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	Ol
	3 Overhang	ОК	OK	OK	OK	OK	OK	OK	NO	NC

TABLE C-2B: SYSTEM No. 7: DEG	CRA SHAKE XD OR SHINGLE XD									
EXPOSURE B FOR SLOPE RANGE 2	7° < SLOPE < 45° (6.1:12 < PIT	сн <u>&lt;</u> 12:12)								
Mean Roof Height (ft)	Roof Pressure Zone				Basic V	Vind Speed	l (mph)			
Mean Roof Height (It)	Roof Pressure Zone	110	115	120	130	140	150	160	180	200
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
0 < h <u>&lt;</u> 30	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	OK
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
30 < h <u>&lt;</u> 40	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	OK
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
40 < h <u>&lt;</u> 50	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	OK
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
50 < h <u>&lt;</u> 60	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	OK



Mean Roof Height (ft)	Roof Pressure Zone				Basic V	Vind Speed	l (mph)			
iviean koor neight (it)	ROOI Pressure Zone	110	115	120	130	140	150	160	180	20
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	OK	OK	0
0 < h <u>&lt;</u> 15	3	OK	OK	OK	OK	OK	OK	OK	OK	0
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	0
	3 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	OK	OK	0
15 < h <u>&lt;</u> 20	3	OK	OK	OK	OK	OK	OK	OK	OK	N
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	0
	3 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	OK	OK	0
20 < h <u>&lt;</u> 30	3	OK	OK	OK	OK	OK	OK	OK	OK	N
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	0
	3 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	OK	OK	0
30 < h ≤ 40	3	OK	OK	OK	OK	OK	OK	OK	OK	N
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	0
	3 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	OK	OK	0
40 < h <u>&lt;</u> 50	3	OK	OK	OK	OK	OK	OK	OK	OK	N
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	0
	3 Overhang	OK	OK	OK	OK	OK	OK	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	OK	OK	0
50 < h <u>&lt;</u> 60	3	OK	OK	OK	OK	OK	OK	OK	NO	N
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	0
	3 Overhang	OK	OK	OK	OK	OK	OK	NO	NO	N

ABLE C-2D: SYSTEM NO. 7: DECR XPOSURE C FOR SLOPE RANGE 27°		:н <u>&lt;</u> 12:12)								
Mean Roof Height (ft)	Roof Pressure Zone				Basic V	Vind Speed	(mph)			
Weali Kool Height (it)	ROUI Plessure Zolle	110	115	120	130	140	150	160	180	200
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
0 < h <u>&lt;</u> 15	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	OK
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
15 < h ≤ 20	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	OK
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
20 < h <u>&lt;</u> 30	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	OK
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
30 < h <u>&lt;</u> 40	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	OK
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
40 < h ≤ 50	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OK
40 111 2 30	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	OK
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
50 < h <u>&lt;</u> 60	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	OK



Maan Doof Height (ft)	Roof Pressure Zone				Basic V	Vind Speed	l (mph)			
Mean Roof Height (ft)	Roof Pressure Zone	110	115	120	130	140	150	160	180	20
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	OK	OK	0
0 < h <u>&lt;</u> 15	3	OK	OK	OK	OK	OK	OK	OK	OK	N
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	0
	3 Overhang	OK	OK	OK	OK	OK	OK	OK	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	OK	OK	0
15 < h <u>&lt;</u> 20	3	OK	OK	OK	OK	OK	OK	OK	OK	N
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	0
	3 Overhang	OK	OK	OK	OK	OK	OK	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	OK	OK	0
20 < h <u>&lt;</u> 30	3	OK	OK	OK	OK	OK	OK	OK	NO	N
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	N
	3 Overhang	OK	OK	OK	OK	OK	OK	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	OK	OK	0
30 < h <u>&lt;</u> 40	3	OK	OK	OK	OK	OK	OK	OK	NO	N
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	N
	3 Overhang	OK	OK	OK	OK	OK	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	OK	OK	0
40 < h <u>&lt;</u> 50	3	OK	OK	OK	OK	OK	OK	OK	NO	N
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	N
	3 Overhang	OK	OK	OK	OK	OK	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	OK	OK	OK	0
	2	OK	OK	OK	OK	OK	OK	OK	OK	0
50 < h <u>&lt;</u> 60	3	OK	OK	OK	OK	OK	OK	OK	NO	N
	2 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	N
	3 Overhang	OK	OK	OK	OK	OK	NO	NO	NO	N

ABLE C-2F: SYSTEM NO. 7: DECRA  (POSURE D FOR SLOPE RANGE 27°		:н <u>&lt;</u> 12:12)								
Many Boof Height (ft)	Roof Pressure Zone				Basic V	Vind Speed	l (mph)			
Mean Roof Height (ft)	Roof Pressure Zone	110	115	120	130	140	150	160	180	200
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
0 < h <u>&lt;</u> 15	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	OK
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
15 < h <u>&lt;</u> 20	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	OK
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
20 < h <u>&lt;</u> 30	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	OK
	1	OK	OK	OK	OK	OK	OK	OK	OK	ОК
30 < h <u>&lt;</u> 40	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	OK
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
40 < h <u>&lt;</u> 50	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	ОК
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	NO
·	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
50 < h <u>&lt;</u> 60	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	OK
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	OK	OK	NO



## D. DECRA SHINGLE:

	TABLE D-1: DECRA SHINGLE WOOD DECKS - NEW CONSTRUCTION, REROOF (TEAR-OFF), OR RECOVER (OVER EXISTING ASPHALT SHINGLES OR BUR)											
System No.	Deck (See Note 1)	Fire Barrier	Underlay	Panel Att	tachment Attachment	MDP (psf)						
	Min. 15/32" APA	(0.11				,						
8.	rated Grade B-C plywood	(Optional) See Note 2	See Note 2	No. 9 x min. 1½" long hex head screws with ¼" head diameter	Four (4) fasteners per panel in pre- formed holes.	-30.0						

TABLE D-1A: SYSTEM No. 8: DE EXPOSURE B FOR SLOPE RANGE 7		н <u>&lt;</u> 6.1:12)								
Many Boof Hoight (ft)	Roof Pressure Zone				Basic V	Vind Speed	(mph)			
Mean Roof Height (ft)	Roof Pressure Zone	110	115	120	130	140	150	160	180	200
	1	OK	OK	OK	OK	OK	OK	OK	NO	NO
	2	OK	OK	OK	NO	NO	NO	NO	NO	NO
0 < h <u>&lt;</u> 30	3	NO	NO	NO	NO	NO	NO	NO	NO	NO
	2 Overhang	OK	NO	NO	NO	NO	NO	NO	NO	NO
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	NO	NO	NO
	2	OK	OK	NO	NO	NO	NO	NO	NO	NO
30 < h <u>&lt;</u> 40	3	NO	NO	NO	NO	NO	NO	NO	NO	NO
	2 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	NO
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	NO
	1	OK	OK	OK	OK	OK	NO	NO	NO	NO
	2	OK	NO	NO	NO	NO	NO	NO	NO	NO
40 < h <u>&lt;</u> 50	3	NO	NO	NO	NO	NO	NO	NO	NO	NO
	2 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	NO
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	NO
	1	OK	OK	OK	OK	OK	NO	NO	NO	NO
	2	OK	NO	NO	NO	NO	NO	NO	NO	NO
50 < h <u>&lt;</u> 60	3	NO	NO	NO	NO	NO	NO	NO	NO	NO
	2 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	NO
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	NO

TABLE D-1B: SYSTEM NO. 8: DEC	CRA SHINGLE									
EXPOSURE B FOR SLOPE RANGE 22	7° < SLOPE < 45° (6.1:12 < PIT	сн <u>&lt;</u> 12:12)								
Mean Roof Height (ft)	Roof Pressure Zone				Basic V	Vind Speed	l (mph)			
Weall Kool Height (it)	ROOI Plessure Zoile	110	115	120	130	140	150	160	180 NO NO NO NO NO NO NO NO NO NO NO	200
	1	OK	OK	OK	OK	OK	OK	NO	NO	NO
0 < h <u>&lt;</u> 30	2 & 3	OK	OK	OK	OK	OK	NO	NO	NO	NO
	2 & 3 Overhang	OK	OK	NO	NO	NO	NO	NO	NO	NO
	1	OK	OK	OK	OK	OK	NO	NO	NO	NO
30 < h ≤ 40	2 & 3	OK	OK	OK	OK	NO	NO	NO	NO	NO
	2 & 3 Overhang	OK	NO	NO	NO	NO	NO	NO	NO	NO
	1	OK	OK	OK	OK	OK	NO	NO	NO	NO
40 < h <u>&lt;</u> 50	2 & 3	OK	OK	OK	OK	NO	NO	NO	NO	NO
	2 & 3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	NO
	1	OK	OK	OK	OK	NO	NO	NO	NO	NO
50 < h <u>&lt;</u> 60	2 & 3	OK	OK	OK	NO	NO	NO	NO	NO	NO
	2 & 3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	NO



Mean Roof Height (ft)	Roof Pressure Zone				Basic V	Vind Speed	l (mph)			
iviean koor neight (it)	ROOI Pressure Zone	110	115	120	130	140	150	160	180	20
	1	OK	OK	OK	OK	OK	NO	NO	NO	N
	2	OK	NO	NO	NO	NO	NO	NO	NO	N
0 < h <u>&lt;</u> 15	3	NO	NO	NO	NO	NO	NO	NO	NO	N
	2 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	OK	NO	NO	NO	N
	2	NO	NO	NO	NO	NO	NO	NO	NO	N
15 < h <u>&lt;</u> 20	3	NO	NO	NO	NO	NO	NO	NO	NO	N
	2 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	NO	NO	NO	NO	N
	2	NO	NO	NO	NO	NO	NO	NO	NO	N
20 < h <u>&lt;</u> 30	3	NO	NO	NO	NO	NO	NO	NO	NO	N
	2 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	OK	NO	NO	NO	NO	N
	2	NO	NO	NO	NO	NO	NO	NO	NO	N
30 < h ≤ 40	3	NO	NO	NO	NO	NO	NO	NO	NO	N
	2 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	NO	NO	NO	NO	NO	N
	2	NO	NO	NO	NO	NO	NO	NO	NO	N
40 < h <u>&lt;</u> 50	3	NO	NO	NO	NO	NO	NO	NO	NO	N
	2 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	NO	NO	NO	NO	NO	N
	2	NO	NO	NO	NO	NO	NO	NO	NO	N
50 < h <u>&lt;</u> 60	3	NO	NO	NO	NO	NO	NO	NO	NO	N
	2 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N

TABLE D-1D: SYSTEM No. 8: DECR EXPOSURE C FOR SLOPE RANGE 27°		:н <u>&lt;</u> 12:12)								
Mean Roof Height (ft)	Roof Pressure Zone				Basic V	Vind Speed	l (mph)			
Mean Root Height (It)	ROOI Plessure Zolle	110	115	120	130	140	150	160	180	200
	1	OK	OK	OK	OK	NO	NO	NO	NO	NO
0 < h <u>&lt;</u> 15	2 & 3	OK	OK	OK	NO	NO	NO	NO	NO	NO
	2 & 3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	NO
	1	OK	OK	OK	OK	NO	NO	NO	NO	NO
15 < h <u>&lt;</u> 20	2 & 3	OK	OK	OK	NO	NO	NO	NO	NO	NO
	2 & 3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	NO
	1	OK	OK	OK	NO	NO	NO	NO	NO	NO
20 < h <u>&lt;</u> 30	2 & 3	OK	OK	OK	NO	NO	NO	NO	NO	NO
	2 & 3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	NO
	1	OK	OK	OK	NO	NO	NO	NO	NO	NO
30 < h <u>&lt;</u> 40	2 & 3	OK	OK	NO	NO	NO	NO	NO	NO	NO
	2 & 3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	NO
	1	OK	OK	OK	NO	NO	NO	NO	NO	NO
40 < h <u>&lt;</u> 50	2 & 3	OK	NO	NO	NO	NO	NO	NO	NO	NO
	2 & 3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	NO
	1	OK	OK	OK	NO	NO	NO	NO	NO	NO
50 < h <u>&lt;</u> 60	2 & 3	OK	NO	NO	NO	NO	NO	NO	NO	NO
	2 & 3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	NO



Mean Roof Height (ft)	Roof Pressure Zone				Basic V	Vind Speed	l (mph)			
wean koor neight (it)	Roof Pressure Zone	110	115	120	130	140	150	160	180	20
	1	OK	OK	OK	OK	NO	NO	NO	NO	N
	2	NO	NO	NO	NO	NO	NO	NO	NO	N
0 < h <u>&lt;</u> 15	3	NO	NO	NO	NO	NO	NO	NO	NO	N
	2 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	NO	NO	NO	NO	NO	N
	2	NO	NO	NO	NO	NO	NO	NO	NO	N
15 < h ≤ 20	3	NO	NO	NO	NO	NO	NO	NO	NO	N
	2 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	NO	NO	NO	NO	NO	N
	2	NO	NO	NO	NO	NO	NO	NO	NO	N
20 < h <u>&lt;</u> 30	3	NO	NO	NO	NO	NO	NO	NO	NO	N
	2 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	OK	NO	NO	NO	NO	NO	N
	2	NO	NO	NO	NO	NO	NO	NO	NO	N
30 < h ≤ 40	3	NO	NO	NO	NO	NO	NO	NO	NO	N
	2 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	NO	NO	NO	NO	NO	NO	N
	2	NO	NO	NO	NO	NO	NO	NO	NO	N
40 < h <u>&lt;</u> 50	3	NO	NO	NO	NO	NO	NO	NO	NO	N
	2 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	1	OK	OK	NO	NO	NO	NO	NO	NO	N
	2	NO	NO	NO	NO	NO	NO	NO	NO	N
50 < h <u>&lt;</u> 60	3	NO	NO	NO	NO	NO	NO	NO	NO	N
	2 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N

TABLE D-1F: SYSTEM NO. 8: DECR. EXPOSURE D FOR SLOPE RANGE 27°		:н <u>&lt;</u> 12:12)								
Mean Roof Height (ft)	Roof Pressure Zone				Basic V	Vind Speed	l (mph)			
Mean Root Height (It)	ROOI Plessure Zolle	110	115	120	130	140	150	160	180 NO NO NO NO NO NO NO NO NO NO NO NO NO	200
	1	OK	OK	OK	NO	NO	NO	NO	NO	NO
0 < h <u>&lt;</u> 15	2 & 3	OK	OK	NO	NO	NO	NO	NO	NO	NO
	2 & 3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	NO
	1	OK	OK	OK	NO	NO	NO	NO	NO	NO
15 < h <u>&lt;</u> 20	2 & 3	OK	NO	NO	NO	NO	NO	NO	NO	NO
	2 & 3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	NO
	1	OK	OK	NO	NO	NO	NO	NO	NO	NO
20 < h <u>&lt;</u> 30	2 & 3	OK	NO	NO	NO	NO	NO	NO	NO	NO
	2 & 3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	NO
	1	OK	OK	NO	NO	NO	NO	NO	NO	NO
30 < h <u>&lt;</u> 40	2 & 3	NO	NO	NO	NO	NO	NO	NO	NO	NO
	2 & 3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	NO
	1	OK	NO	NO	NO	NO	NO	NO	NO	NO
40 < h <u>&lt;</u> 50	2 & 3	NO	NO	NO	NO	NO	NO	NO	NO	NO
	2 & 3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	NO
<u> </u>	1	OK	NO	NO	NO	NO	NO	NO	NO	NO
50 < h <u>&lt;</u> 60	2 & 3	NO	NO	NO	NO	NO	NO	NO	NO	NO
	2 & 3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	NO



	DECRA SHINGLE CKS - NEW CONSTRUC	CTION, REROOF (	Tear-Off), or RE	COVER (OVER EXISTING ASPHALT SHINGLES OR E	sur)	
System	Deck	Fire Barrier	Underlay	Panel At	tachment	MDP
No.	(See Note 1)	rife bafflet	Officeriay	Fasteners	Attachment	(psf)
9.	Min. 15/32" APA rated Grade B-C plywood	(Optional) See Note 2	See Note 2	No. 9 x min. 1½" long hex head screws with ¼" head diameter	Four (4) fasteners in pre-formed holes and four (4) fasteners centered between pre-formed holes for a total of eight (8) per panel.	-52.5

ABLE D-2A: SYSTEM No. 9: DE KPOSURE B FOR SLOPE RANGE 7	CRA SHINGLE " < SLOPE < 27" (1.5:12 < PITC	н <u>&lt;</u> 6.1:12)								
Maan Boof Hoight (ft)	Roof Pressure Zone				Basic V	Vind Speed	l (mph)			
Mean Roof Height (ft)	Roof Pressure Zone	110	115	120	130	140	150	160	180	200
	1	OK	OK	OK	OK	OK	OK	OK	OK	ОК
	2	OK	OK	OK	OK	OK	OK	OK	NO	NO
0 < h <u>&lt;</u> 30	3	OK	OK	OK	OK	NO	NO	NO	NO	NO
	2 Overhang	OK	OK	OK	OK	OK	NO	NO	NO	NO
	3 Overhang	OK	NO	NO	NO	NO	NO	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	OK
30 < h ≤ 40	2	OK	OK	OK	OK	OK	OK	NO	NO	NO
	3	OK	OK	OK	NO	NO	NO	NO	NO	NO
	2 Overhang	OK	OK	OK	OK	OK	NO	NO	NO	NO
	3 Overhang	OK	NO	NO	NO	NO	NO	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	NO
	2	OK	OK	OK	OK	OK	NO	NO	NO	NO
40 < h <u>&lt;</u> 50	3	OK	OK	OK	NO	NO	NO	NO	NO	NO
	2 Overhang	OK	OK	OK	OK	NO	NO	NO	NO	NO
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	NO
50 < h < 60	2	OK	OK	OK	OK	OK	NO	NO	NO	NO
	3	OK	OK	NO	NO	NO	NO	NO	NO	NO
	2 Overhang	OK	OK	OK	OK	NO	NO	NO	NO	NO
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	NO

ABLE D-2B: SYSTEM No. 9: DE										
EXPOSURE B FOR SLOPE RANGE 2	7° < SLOPE < 45° (6.1:12 < PIT	сн <u>&lt;</u> 12:12)								
Mean Roof Height (ft)	Roof Pressure Zone				Basic V	Vind Speed	l (mph)			
Weali Kool Height (It)	ROOI Flessure Zolle	110	115	120	130	140	150	160	180	200
	1	OK	OK	OK	OK	OK	OK	OK	OK	ОК
0 < h <u>&lt;</u> 30	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	NO
	2 & 3 Overhang	OK	OK	OK	OK	OK	OK	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	NO
30 < h ≤ 40	2 & 3	OK	OK	OK	OK	OK	OK	OK	OK	NO
	2 & 3 Overhang	OK	OK	OK	OK	OK	NO	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	NO
40 < h <u>&lt;</u> 50	2 & 3	OK	OK	OK	OK	OK	OK	OK	NO	NO
	2 & 3 Overhang	OK	OK	OK	OK	OK	NO	NO	NO	NO
	1	OK	OK	OK	OK	OK	OK	OK	OK	NO
50 < h <u>&lt;</u> 60	2 & 3	OK	OK	OK	OK	OK	OK	OK	NO	NO
	2 & 3 Overhang	OK	OK	OK	OK	OK	NO	NO	NO	NO



Mean Roof Height (ft)	Roof Pressure Zone	Basic Wind Speed (mph)									
	Root Pressure Zone	110	115	120	130	140	150	160	180	20	
	1	OK	OK	OK	OK	OK	OK	OK	OK	N	
	2	OK	OK	OK	OK	OK	NO	NO	NO	N	
0 < h < 15	3	OK	OK	OK	NO	NO	NO	NO	NO	N	
	2 Overhang	OK	OK	OK	OK	NO	NO	NO	NO	N	
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N	
	1	OK	OK	OK	OK	OK	OK	OK	OK	N	
	2	OK	OK	OK	OK	OK	NO	NO	NO	N	
15 < h <u>&lt;</u> 20	3	OK	OK	NO	NO	NO	NO	NO	NO	N	
	2 Overhang	OK	OK	OK	OK	NO	NO	NO	NO	N	
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N	
20 < h <u>&lt;</u> 30	1	OK	OK	OK	OK	OK	OK	OK	NO	N	
	2	OK	OK	OK	OK	NO	NO	NO	NO	N	
	3	OK	NO	N							
	2 Overhang	OK	OK	OK	NO	NO	NO	NO	NO	N	
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N	
	1	OK	OK	OK	OK	OK	OK	OK	NO	N	
	2	OK	OK	OK	OK	NO	NO	NO	NO	N	
30 < h <u>&lt;</u> 40	3	NO	NO	NO	NO	NO	NO	NO	NO	N	
	2 Overhang	OK	OK	OK	NO	NO	NO	NO	NO	N	
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N	
	1	OK	OK	OK	OK	OK	OK	OK	NO	N	
40 < h ≤ 50	2	OK	OK	OK	NO	NO	NO	NO	NO	N	
	3	NO	NO	NO	NO	NO	NO	NO	NO	N	
	2 Overhang	OK	OK	NO	NO	NO	NO	NO	NO	N	
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N	
50 < h <u>&lt;</u> 60	1	OK	OK	OK	OK	OK	OK	OK	NO	N	
	2	OK	OK	OK	NO	NO	NO	NO	NO	N	
	3	NO	NO	NO	NO	NO	NO	NO	NO	N	
	2 Overhang	OK	OK	NO	NO	NO	NO	NO	NO	N	
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	N	

BLE D-2D: SYSTEM No. 9: DECRA SHINGLE POSULE POSULE CONTRACTOR STATE PROPERTY (6.1:12 < PITCH $\leq$ 12:12)												
Mean Roof Height (ft)	Roof Pressure Zone	Basic Wind Speed (mph)										
iviean kooi neight (tt)	ROUI Plessure Zolle	110	115	120	130	140	150	160	180	200		
	1	OK	OK	OK	OK	OK	OK	OK	OK	NO		
0 < h <u>&lt;</u> 15	2 & 3	OK	OK	OK	OK	OK	OK	OK	NO	NO		
	2 & 3 Overhang	OK	OK	OK	OK	OK	NO	NO	NO	NO		
<u> </u>	1	OK	OK	OK	OK	OK	OK	OK	NO	NO		
15 < h ≤ 20	2 & 3	OK	OK	OK	OK	OK	OK	OK	NO	NO		
	2 & 3 Overhang	OK	OK	OK	OK	NO	NO	NO	NO	NO		
	1	OK	OK	OK	OK	OK	OK	OK	NO	NO		
20 < h <u>&lt;</u> 30	2 & 3	OK	OK	OK	OK	OK	OK	NO	NO	NO		
	2 & 3 Overhang	OK	OK	OK	OK	NO	NO	NO	NO	NO		
	1	OK	OK	OK	OK	OK	OK	OK	NO	NO		
30 < h <u>&lt;</u> 40	2 & 3	OK	OK	OK	OK	OK	OK	NO	NO	NO		
	2 & 3 Overhang	OK	OK	OK	NO	NO	NO	NO	NO	NO		
	1	OK	OK	OK	OK	OK	OK	OK	NO	NO		
40 < h ≤ 50	2 & 3	OK	OK	OK	OK	OK	OK	NO	NO	NO		
	2 & 3 Overhang	OK	OK	OK	NO	NO	NO	NO	NO	NO		
<u> </u>	1	OK	OK	OK	OK	OK	OK	NO	NO	NO		
50 < h <u>&lt;</u> 60	2 & 3	OK	OK	OK	OK	OK	NO	NO	NO	NO		
	2 & 3 Overhang	OK	OK	OK	NO	NO	NO	NO	NO	NO		



ABLE D-2E: SYSTEM NO. 9: DEC KPOSURE D FOR SLOPE RANGE 7°		ı < 6.1:12)									
Mean Roof Height (ft)	Roof Pressure Zone	Basic Wind Speed (mph)									
		110	115	120	130	140	150	160	180	200	
	1	OK	OK	OK	OK	OK	OK	OK	NO	NO	
	2	OK	OK	OK	OK	NO	NO	NO	NO	NO	
0 < h <u>&lt;</u> 15	3	NO	NO	NO	NO	NO	NO	NO	NO	NO	
	2 Overhang	OK	OK	OK	NO	NO	NO	NO	NO	NO	
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	NO	
	1	OK	OK	OK	OK	OK	OK	OK	NO	NO	
	2	OK	OK	OK	NO	NO	NO	NO	NO	NO	
15 < h <u>&lt;</u> 20	3	NO	NO	NO	NO	NO	NO	NO	NO	NO	
	2 Overhang	OK	OK	NO							
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	NO	
20 < h ≤ 30	1	OK	OK	OK	OK	OK	OK	OK	NO	NO	
	2	OK	OK	OK	NO	NO	NO	NO	NO	NO	
	3	NO	NO	NO	NO	NO	NO	NO	NO	NO	
	2 Overhang	OK	OK	NO							
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	NO	
	1	OK	OK	OK	OK	OK	OK	OK	NO	NO	
	2	OK	OK	OK	NO	NO	NO	NO	NO	NO	
30 < h <u>&lt;</u> 40	3	NO	NO	NO	NO	NO	NO	NO	NO	NO	
	2 Overhang	OK	NO								
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	NC	
	1	OK	OK	OK	OK	OK	OK	NO	NO	NC	
40 < h ≤ 50	2	OK	OK	NO							
	3	NO	NO	NO	NO	NO	NO	NO	NO	NC	
	2 Overhang	OK	NO	NC							
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	NC	
50 < h ≤ 60	1	OK	OK	OK	OK	OK	OK	NO	NO	NC	
	2	OK	OK	NO	NO	NO	NO	NO	NO	NC	
	3	NO	NO	NO	NO	NO	NO	NO	NO	NC	
	2 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	NC	
	3 Overhang	NO	NO	NO	NO	NO	NO	NO	NO	NC	

BLE D-2F: SYSTEM No. 9: DECRA SHINGLE  POSURE D FOR SLOPE RANGE 27° < SLOPE < 45° (6.1:12 < PITCH < 12:12)											
Maan Baaf Haight (ft)	D ( D	Basic Wind Speed (mph)									
Mean Roof Height (ft)	Roof Pressure Zone	110	115	120	130	140	150	160	180	200	
	1	OK	OK	OK	OK	OK	OK	OK	NO	NO	
0 < h <u>&lt;</u> 15	2 & 3	OK	OK	OK	OK	OK	OK	NO	NO	NO	
	2 & 3 Overhang	OK	OK	OK	NO	NO	NO	NO	NO	NO	
	1	OK	OK	OK	OK	OK	OK	OK	NO	NO	
15 < h ≤ 20	2 & 3	OK	OK	OK	OK	OK	OK	NO	NO	NO	
	2 & 3 Overhang	OK	OK	OK	NO	NO	NO	NO	NO	NO	
	1	OK	OK	OK	OK	OK	OK	NO	NO	NO	
20 < h <u>&lt;</u> 30	2 & 3	OK	OK	OK	OK	OK	NO	NO	NO	NO	
	2 & 3 Overhang	OK	OK	OK	NO	NO	NO	NO	NO	NO	
	1	OK	OK	OK	OK	OK	OK	NO	NO	NO	
30 < h <u>&lt;</u> 40	2 & 3	OK	OK	OK	OK	OK	NO	NO	NO	NO	
	2 & 3 Overhang	OK	OK	NO							
	1	OK	OK	OK	OK	OK	OK	NO	NO	NO	
40 < h <u>&lt;</u> 50	2 & 3	OK	OK	OK	OK	NO	NO	NO	NO	NO	
	2 & 3 Overhang	OK	OK	NO							
	1	OK	OK	OK	OK	OK	NO	NO	NO	NO	
50 < h <u>&lt;</u> 60	2 & 3	OK	OK	OK	OK	NO	NO	NO	NO	NO	
	2 & 3 Overhang	OK	NO								