





ASCE 7-10

T WIND GROUND SNOW ROOF SNOW MAX SPAN BLOCK WIDTH #OF REBAR

O PSF O PSF 13.5 FT 20 IN 1

5 PSF 3.44 PSF 13 FT 19 IN 1

10 PSF 6.87 PSF 12.5 FT 18 IN 1

25 PSF 17.18 PSF 10.5 FT 15 IN 1 110 MPH 30 PSF 20.62 PSF 10 FT 15 IN 1

15 PSF 10.31 PSF 12 FT 17 IN 1 20 PSF 13.75 PSF 11.5 FT 16 IN 1

35 PSF 24.05 PSF 9.5 FT 14 IN 1 40 PSF 27.49 PSF 9 FT 13 IN 1

45 PSF 30.93 PSF 8.5 FT 12 IN 1 50 PSF 34.36 PSF 8.FT 12 IN 1 55 PSF 37.8 PSF 8.FT 12 IN 1 60 PSF 41.24 PSF 7.5 FT 12 IN 1

5 PSF 3.44 PSF 12.5 FT 20 IN 1

10 PSF 6.87 PSF 12 FT 19 IN 1 15 PSF 10.31 PSF 12 FT 19 IN 1

20 PSF 13.75 PSF 11 FT 18 IN 1 25 PSF 17.18 PSF 10.5 FT 17 IN 1

50 PSF 34.36 PSF 8 FT 13 IN 1 55 PSF 37.8 PSF 8 FT 13 IN 1 60 PSF 41.24 PSF 7.5 FT 12 IN 1 0 PSF 0 PSF 10.5 FT 26 IN 2

5 PSF 3.44 PSF 10.5 FT 26 IN 2 10 PSF 6.87 PSF 10.5 FT 26 IN 2

15 PSF 10.31 PSF 10 FT 25 IN 2 20 PSF 13.75 PSF 10 FT 25 IN 2

25 PSF 17.18 PSF 9.5 FT 24 IN 2 30 PSF 20.62 PSF 9 FT 23 IN 1

35 PSF 24.05 PSF 9 FT 23 IN 1 40 PSF 27.49 PSF 8.5 FT 21 IN 1

45 PSF 30.93 PSF 8 FT 20 IN 1 50 PSF 34.36 PSF 8 FT 20 IN 1

55 PSF 37.8 PSF 7.5 FT 19 IN 1 60 PSF 41.24 PSF 7 FT 18 IN 1

 OPSF
 OPSF
 9.5 FT
 32 IN
 2

 5 PSF
 3.44 PSF
 9 FT
 30 IN
 2

10 PSF 6.87 PSF 9 FT 30 IN 2 15 PSF 10.31 PSF 9 FT 30 IN 2 20 PSF 13.75 PSF 9 FT 30 IN 2 25 PSF 17.18 PSF 8.5 FT 28 IN 2

50 PSF 34.36 PSF 7.5 FT 25 IN 2 55 PSF 37.8 PSF 7 FT 24 IN 2

60 PSF 41.24 PSF 7 FT 24 IN 2 0 PSF 0 PSF 8 FT 33 IN 2

60 MPH 30 PSF 20.62 PSF 8.5 FT 28 IN 2 35 PSF 24.05 PSF 8.5 FT 28 IN 2 40 PSF 27.49 PSF 8 FT 27 IN 2 45 PSF 30.93 PSF 8 FT 27 IN 2

10 PSF | 3.44 PSF | 8 FT | 33 IN | 2 10 PSF | 6.87 PSF | 8 FT | 33 IN | 2 15 PSF | 10.31 PSF | 8 FT | 33 IN | 2 20 PSF | 13.75 PSF | 8 FT | 33 IN | 2 25 PSF | 17.18 PSF | 8 FT | 33 IN | 2 25 PSF | 20.62 PSF | 8 FT | 33 IN | 2 35 PSF | 24.05 PSF | 8 FT | 33 IN | 2 40 PSF | 27.49 PSF | 7.5 FT | 31 IN | 2 45 PSF | 30.93 PSF | 7.5 FT | 31 IN | 2 50 PSF | 34.36 PSF | 7 FT | 29 IN | 2 55 PSF | 37.8 PSF | 7 FT | 29 IN | 2

55 PSF 37.8 PSF 7 FT 29 IN 2 60 PSF 41.24 PSF 7 FT 29 IN 2

15 MPH 30 PSF 20.62 PSF 10 FT 16 IN 1 35 PSF 24.05 PSF 9.5 FT 15 IN 1 40 PSF 27.49 PSF 9 FT 14 IN 1 45 PSF 30.93 PSF 8.5 FT 14 IN 1

20 PSF 11 PSF 11 FT 20 IN 1 25 PSF 15.46 PSF 10.5 FT 18 IN 1 110 MPH 30 PSF 18.56 PSF 10 FT 17 IN 1 25 PSF 13.75 PSF 10.5 FT 19 IN 1 110 MPH 30 PSF 16.49 PSF 10 FT 18 IN 1 35 PSF 16.84 PSF 10 FT 18 IN 1 40 PSF 19.24 PSF 9.5 FT 17 IN 1 35 PSF 21.65 PSF 9.5 FT 16 IN 1 40 PSF 24.74 PSF 9 FT 15 IN 1 35 PSF 19.24 PSF 9.5 FT 17 IN 1 40 PSF 21.99 PSF 9.5 FT 17 IN 1 45 PSF 27.83 PSF 8.5 FT 14 IN 1

50 PSF 30.93 PSF 8.5 FT 14 IN 1

55 PSF 34.02 PSF 8 FT 14 IN 1

60 PSF 37.11 PSF 8 FT 14 IN 1

0 PSF 0 PSF 12 FT 22 IN 1 45 PSF 21.65 PSF 9.5 FT 17 IN 1 50 PSF 24.05 PSF 9 FT 16 IN 1 55 PSF 26.46 PSF 8.5 FT 15 IN 1 60 PSF 28.87 PSF 8.5 FT 15 IN 1 45 PSF 24.74 PSF 9 FT 16 IN 1 50 PSF 27.49 PSF 8.5 FT 15 IN 1 55 PSF 30.24 PSF 8.5 FT 15 IN 1 60 PSF 32.99 PSF 8.FT 14 IN 1 0 PSF 0 PSF 11.5 FT 23 IN 1
 5 PSF
 3.09 PSF
 12 FT
 22 IN
 1

 10 PSF
 6.19 PSF
 11.5 FT
 21 IN
 1

 15 PSF
 9.28 PSF
 11.5 FT
 21 IN
 1
 5 PSF 2.75 PSF 11 FT 22 IN 1 5 PSF 2.41 PSF 11 FT 22 IN 1
 10 PSF
 4.81 PSF
 11 FT
 22 IN
 1

 15 PSF
 7.22 PSF
 10.5 FT
 21 IN
 1
 10 PSF 5.5 PSF 11 FT 22 IN 1 15 PSF 8.25 PSF 11 FT 22 IN 1
 20 PSF
 12.37 PSF
 11 FT
 20 IN
 1

 25 PSF
 15.46 PSF
 10.5 FT
 19 IN
 1
 20 PSF 11 PSF 10.5 FT 21 IN 1 25 PSF 13.75 PSF 10.5 FT 21 IN 1
 20 PSF
 9.62 PSF
 10.5 FT
 21 IN
 1

 25 PSF
 12.03 PSF
 10.5 FT
 21 IN
 1
 25 PSF 15.46 PSF 10.5 F1 191N 1
30 PSF 18.56 PSF 10 FT 18 IN 1
35 PSF 21.65 PSF 9.5 FT 17 IN 1
40 PSF 24.74 PSF 9 FT 17 IN 1
45 PSF 27.83 PSF 8.5 FT 16 IN 1
50 PSF 30.93 PSF 8.5 FT 16 IN 1
55 PSF 34.02 PSF 8 FT 15 IN 1
60 PSF 37.11 PSF 7.5 FT 14 IN 1
0 PSF 0 PSF 10 FT 29 IN 2
5 PSF 3.09 PSF 10 FT 29 IN 2 115 MPH 30 PSF 12.05 PSF 10.5 FT 21 IN 1
35 PSF 16.84 PSF 10.5 FT 20 IN 1
40 PSF 19.24 PSF 9.5 FT 19 IN 1
45 PSF 21.65 PSF 9 FT 18 IN 1
50 PSF 24.05 PSF 9 FT 18 IN 1
55 PSF 26.46 PSF 8.5 FT 17 IN 1 MPH 30 PSF 16.49 PSF 10 FT 20 IN 1 35 PSF 19.24 PSF 9.5 FT 19 IN 1 40 PSF 21.99 PSF 9 FT 18 IN 1 45 PSF 24.74 PSF 9 FT 18 IN 1 50 PSF 27.49 PSF 8.5 FT 17 IN 1 55 PSF 30.24 PSF 8 FT 16 IN 1 60 PSF 32.99 PSF 8 FT 16 IN 1 0 PSF 0 PSF 9.5 FT 29 IN 2 60 PSF 28.87 PSF 8.5 FT 17 IN 1 5 PSF 3.09 PSF 10 FT 29 IN 2 10 PSF 6.19 PSF 9.5 FT 27 IN 2 5 PSF 2.75 PSF 9.5 FT 29 IN 2 10 PSF 5.5 PSF 9 FT 28 IN 2
 5 PSF
 2.41 PSF
 9 FT
 28 IN
 2

 10 PSF
 4.81 PSF
 9 FT
 28 IN
 2
 15 PSF 9.28 PSF 9.5 FT 27 IN 2 20 PSF 12.37 PSF 9.5 FT 27 IN 2 15 PSF 8.25 PSF 9 FT 28 IN 2 20 PSF 11 PSF 9 FT 28 IN 2 15 PSF 7.22 PSF 9 FT 28 IN 2 20 PSF 9.62 PSF 9 FT 28 IN 2 25 PSF 15.46 PSF 9.5 FT 27 IN 2

25 PSF 15.46 PSF 9.5 FT 27 IN 2

H 30 PSF 18.56 PSF 9 FT 26 IN 2

35 PSF 21.65 PSF 9 FT 26 IN 2

40 PSF 24.74 PSF 8.5 FT 25 IN 2

45 PSF 27.83 PSF 8 FT 23 IN 1

50 PSF 30.93 PSF 8 FT 23 IN 1 25 PSF 13.75 PSF 9 FT 28 IN 2 40 MPH 30 PSF 16.49 PSF 9 FT 28 IN 2 35 PSF 19.24 PSF 8.5 FT 26 IN 2 40 PSF 21.99 PSF 8.5 FT 26 IN 2 25 PSF 12.03 PSF 9 FT 28 IN 2 140 MPH 30 PSF 14.43 PSF 8.5 FT 26 IN 2 35 PSF 16.84 PSF 8.5 FT 26 IN 2 40 PSF 19.24 PSF 8.5 FT 26 IN 2 45 PSF 24.74 PSF 8 FT 25 IN 2 50 PSF 27.49 PSF 8 FT 25 IN 2 45 PSF 21.65 PSF 8.5 FT 26 IN 2 50 PSF 24.05 PSF 8.5 FT 26 IN 2 55 PSF 26.46 PSF 8 FT 25 IN 2 60 PSF 28.87 PSF 8 FT 25 IN 2 55 PSF 34.02 PSF 7.5 FT 22 IN 1 60 PSF 37.11 PSF 7.5 FT 22 IN 1 55 PSF 30.24 PSF 7.5 FT 23 IN 1 60 PSF 32.99 PSF 7.5 FT 23 IN 1
 OPSF
 OPSF
 9 FT
 34 IN
 2

 5 PSF
 3.09 PSF
 8.5 FT
 33 IN
 2

 OPSF
 OPSF
 8.5 FT
 35 IN
 2

 5 PSF
 2.75 PSF
 8.5 FT
 35 IN
 2

 O PSF
 O PSF
 8 FT
 33 IN
 2

 5 PSF
 2.41 PSF
 8 FT
 33 IN
 2
 160 MPH 25 PSF 2.41 PSF 8 FT 33 IN 2 2 20 PSF 9.62 PSF 8 FT 33 IN 2 2 25 PSF 12.03 PSF 8 FT 33 IN 2 2 25 PSF 14.43 PSF 8 FT 33 IN 2 2 25 PSF 16.84 PSF 7.5 FT 31 IN 2 40 PSF 19.24 PSF 7.5 FT 31 IN 2 45 PSF 21.65 PSF 7.5 FT 31 IN 2 50 PSF 24.05 PSF 7.5 FT 31 IN 2 50 PSF 24.05 PSF 7.5 FT 31 IN 2 55 PSF 26.46 PSF 7.5 FT 10 PSF | 3.09 PSF | 8.5 FT | 33 IN | 2 10 PSF | 6.19 PSF | 8.5 FT | 33 IN | 2 15 PSF | 9.28 PSF | 8.5 FT | 33 IN | 2 20 PSF | 12.37 PSF | 8.5 FT | 33 IN | 2 25 PSF | 15.46 PSF | 8.5 FT | 33 IN | 2 25 PSF | 18.56 PSF | 8 FT | 31 IN | 2 35 PSF | 21.65 PSF | 8 FT | 31 IN | 2 40 PSF | 24.74 PSF | 8 FT | 31 IN | 2 45 PSF | 27.83 PSF | 8 FT | 31 IN | 2 50 PSF | 30.93 PSF | 7.5 FT | 29 IN | 2 50 PSF 30.93 PSF 7.5 FT 29 IN 2 55 PSF 34.02 PSF 7.5 FT 29 IN 2 50 PSF 27.49 PSF 7.5 FT 31 IN 2 55 PSF 30.24 PSF 7.5 FT 31 IN 2 60 PSF 28.87 PSF 7.5 FT 31 IN 2 0 PSF 0 PSF 7 FT 36 IN 3 60 PSF 37.11 PSF 7 FT 27 IN 2 0 PSF 0 PSF 8 FT 38 IN 3 60 PSF 32.99 PSF 7 FT 29 IN OPSF OPSF 7FT 36IN 3 5 PSF 3.09 PSF 8 FT 38 IN 3
10 PSF 6.19 PSF 8 FT 38 IN 3
15 PSF 9.28 PSF 8 FT 38 IN 3
20 PSF 12.37 PSF 7.5 FT 36 IN 3
25 PSF 15.46 PSF 7.5 FT 36 IN 3
30 PSF 18.56 PSF 7.5 FT 36 IN 3
35 PSF 21.65 PSF 7.5 FT 36 IN 3
40 PSF 24.74 PSF 7.5 FT 36 IN 3
45 PSF 27.83 PSF 7.5 FT 36 IN 3
50 PSF 30.93 PSF 7 FT 36 IN 3
50 PSF 30.93 PSF 7 FT 33 IN 2
55 PSF 34.02 PSF 7 FT 33 IN 2
60 PSF 37.11 PSF 7 FT 33 IN 2
 5 PSF
 2.41 PSF
 7 FT
 36 IN
 3

 10 PSF
 4.81 PSF
 7 FT
 36 IN
 3

 15 PSF
 7.22 PSF
 7 FT
 36 IN
 3

 20 PSF
 9.62 PSF
 7 FT
 36 IN
 3

 25 PSF
 12.03 PSF
 7 FT
 36 IN
 3

 30 PSF
 14.43 PSF
 7 FT
 36 IN
 3

 35 PSF
 16.84 PSF
 7 FT
 36 IN
 3

 40 PSF
 19.24 PSF
 7 FT
 36 IN
 3

 50 PSF
 21.65 PSF
 7 FT
 36 IN
 3

 50 PSF
 24.05 PSF
 7 FT
 36 IN
 3

 55 PSF
 26.46 PSF
 7 FT
 36 IN
 3

 60 PSF
 28.87 PSF
 7 FT
 36 IN
 3
 10 PSF 5.5 PSF 7 FT 36 IN 3 15 PSF 8.25 PSF 7 FT 36 IN 3 15 PSF 8.25 PSF 7 FT 36 IN 3
20 PSF 11 PSF 7 FT 36 IN 3
25 PSF 13.75 PSF 7 FT 36 IN 3
30 PSF 16.49 PSF 7 FT 36 IN 3
35 PSF 19.24 PSF 7 FT 36 IN 3
40 PSF 21.99 PSF 7 FT 36 IN 3
45 PSF 24.74 PSF 7 FT 36 IN 3
50 PSF 27.49 PSF 7 FT 36 IN 3
55 PSF 30.24 PSF 7 FT 36 IN 3
60 PSF 32.99 PSF 7 FT 36 IN 3

 Slope Factor By Tilt

 Tilt
 Cs

 15°
 1.00

 20°
 0.91

 25°
 0.82

 30°
 0.73

 35°
 0.64

													ASCE 7-05														
TILT WIND	GROUND SNO	OW ROOF SNOW MAX SPAN	BLOCK WIDTH	# OF REBAR	THE	WIND	D GROUND SNOW ROO	SNOW MAX SPA	N BLOCK WIDTH #OFREB	R THT	WIND (SROUND SNOW	ROOF SNOW MAX SPAN BLOCK WIDTH # OF	F REBAR	DIT	WIND	GROUND SNOW ROOF SNOW MAX SPAN	BLOCK WIDTH	#OF REBAR	TUT	WIND	GROUND SNOW	ROOF SNOW MAX SPAN	BLOCK WIDTH #	OFREBAR		
THE THING	0 PSF	OPSF 14.5 FT		1	11,2,7	111111		PSF 13.5 F			William C	0 PSF	OPSF 13 FT 21 IN	1	1121	Will Co	OPSF OPSF 12 FT	22 IN	1	1121	11110	0 PSF	OPSF 12 FT	22 IN	1		
	5 PSF	3.78 PSF 14 FT	16 IN	1			5 PSF 3.4	PSF 13 FT	18 IN 1	1		5 PSF	3.09 PSF 12.5 FT 20 IN	1		ı	5 PSF 2.75 PSF 12 FT	22 IN	1			5 PSF	2.41 PSF 11.5 FT	21 IN	1		
	10 PSF	7.56 PSF 13.5 FT	15 IN	1			10 PSF 6.8	7 PSF 12.5 F	T 18 IN 1	1		10 PSF	6.19 PSF 12 FT 19 IN	1			10 PSF 5.5 PSF 11.5 FT	21 IN	1			10 PSF	4.81 PSF 11.5 FT	21 IN	1		
	15 PSF	11.34 PSF 12.5 FT	14 IN	1			15 PSF 10.3	1 PSF 12.5 F	T 18 IN 1	7		15 PSF	9.28 PSF 12 FT 19 IN	1			15 PSF 8.25 PSF 11.5 FT	21 IN	1			15 PSF	7.22 PSF 11.5 FT	21 IN	1		
	20 PSF	15.12 PSF 11.5 FT	13 IN	1			20 PSF 13.7	5 PSF 11.5 F	T 16 IN 1			20 PSF	12.37 PSF 11.5 FT 19 IN	1			20 PSF 11 PSF 11 FT	20 IN	1			20 PSF	9.62 PSF 11 FT	20 IN	1		
	25 PSF	18.9 PSF 10.5 FT	12 IN	1			25 PSF 17.1	8 PSF 10.5 F	T 15 IN 1			25 PSF	15.46 PSF 10.5 FT 17 IN	1			25 PSF 13.75 PSF 11 FT 20 IN 1			25 PSF	12.03 PSF 11 FT	20 IN	1				
85 MPH	30 PSF	22.68 PSF 10 FT	12 IN	1		85 MPH 30 PSF	PH 30 PSF 20.6	2 PSF 10 FT	14 IN 1		85 MPH 30	30 PSF	18.56 PSF 10 FT 16 IN	1	85 N	5 MPH	30 PSF 16.49 PSF 10 FT	18 IN	1		85 MPH	30 PSF	14.43 PSF 10.5 FT	19 IN	1		
	35 PSF	26.46 PSF 9.5 FT	12 IN	1		l	35 PSF 24.0	5 PSF 9.5 FT	14 IN 1			35 PSF	21.65 PSF 9.5 FT 15 IN	1			35 PSF 19.24 PSF 10 FT	18 IN	1			35 PSF	16.84 PSF 10 FT	18 IN	1		
	40 PSF	30.24 PSF 9 FT	12 IN	1			40 PSF 27.4	9 PSF 9 FT	13 IN 1			40 PSF	24.74 PSF 9 FT 15 IN	1			40 PSF 21.99 PSF 9.5 FT	17 IN	1			40 PSF	19.24 PSF 9.5 FT	17 IN	1		
	45 PSF	34.02 PSF 8.5 FT	12 IN	1			45 PSF 30.9	3 PSF 8.5 FT	12 IN 1			45 PSF	27.83 PSF 8.5 FT 14 IN	1			45 PSF 24.74 PSF 9 FT	16 IN	1			45 PSF	21.65 PSF 9.5 FT	17 IN	1		
	50 PSF	37.8 PSF 8 FT	12 IN	1		l	50 PSF 34.3	6 PSF 8 FT	12 IN 1			50 PSF	30.93 PSF 8.5 FT 14 IN	1			50 PSF 27.49 PSF 8.5 FT	15 IN	1			50 PSF	24.05 PSF 9 FT	16 IN	1		
	55 PSF	41.58 PSF 8 FT	12 IN	1		l	55 PSF 37.	BPSF 8FT	12 IN 1			55 PSF	34.02 PSF 8 FT 13 IN	1			55 PSF 30.24 PSF 8.5 FT	15 IN	1			55 PSF	26.46 PSF 9 FT	16 IN	1		
9	60 PSF	45.36 PSF 7.5 FT	12 IN	1		57		4 PSF 7.5 FT	12 IN 1			60 PSF	37.11 PSF 8 FT 13 IN	1			60 PSF 32.99 PSF 8 FT	15 IN	1			60 PSF	28.87 PSF 8.5 FT	16 IN	1		
	0 PSF	0 PSF 13.5 FT		1		1		PSF 13 FT		4		0 PSF	OPSF 12 FT 22 IN	1		-	OPSF OPSF 11.5 FT	23 IN	1			0 PSF	0 PSF 11.5 FT	23 IN	1		
	5 PSF	3.78 PSF 13.5 FT		1				1PSF 12.5 F		4	-	5 PSF	3.09 PSF 12 FT 22 IN	1		-	5 PSF 2.75 PSF 11.5 FT	23 IN	1			5 PSF	2.41 PSF 11 FT	22 IN	1		
	10 PSF	1000-10	16 IN	1				PSF 12 FT		4		10 PSF	6.19 PSF 11.5 FT 21 IN	1			10 PSF 5.5 PSF 11 FT	22 IN	1			10 PSF	4.81 PSF 11 FT	22 IN	1		
	15 PSF		15 IN	1				1 PSF 12 FT		4	-	15 PSF	9.28 PSF 11.5 FT 21 IN	1		-	15 PSF 8.25 PSF 11 FT	22 IN	1			15 PSF	7.22 PSF 11 FT	22 IN	1		
	20 PSF		10000	1		l		5 PSF 11 FT		-		20 PSF	12.37 PSF 11 FT 20 IN	1		-	20 PSF 11 PSF 11 FT	22 IN	1			20 PSF	9.62 PSF 10.5 FT	21 IN	1		
00.1401	25 PSF		1/2/27/30	1		00 840		8 PSF 10.5 F		-	OO NADU	25 PSF	15.46 PSF 10.5 FT 19 IN	1		ONADII	25 PSF 13.75 PSF 10.5 FT	21 IN	1		00 MADII	25 PSF	12.03 PSF 10.5 FT	21 IN	1		
90 MPH	100,000,000,000		13 IN	1		90 MP		2 PSF 10 FT		- I I	90 MPH	30 PSF	18.56 PSF 10 FT 18 IN	1	9	00 MPH	30 PSF 16.49 PSF 10 FT	20 IN	1		90 MPH	30 PSF	14.43 PSF 10.5 FT	21 IN	1		
	35 PSF 40 PSF		12 IN	1		l		5 PSF 9.5 FT 9 PSF 9 FT		-	-	35 PSF 40 PSF	21.65 PSF 9.5 FT 17 IN 24.74 PSF 9 FT 16 IN	1			35 PSF 19.24 PSF 9.5 FT 40 PSF 21.99 PSF 9 FT	19 IN 18 IN	1			35 PSF 40 PSF	19.24 PSF 9.5 FT	20 IN 19 IN	1		
	40 PSF		12 IN 12 IN	1				9 PSF 9 FT 3 PSF 8.5 FT	14 IN 1			40 PSF	27.83 PSF 8.5 FT 15 IN	1		1	45 PSF 24.74 PSF 9 FT	18 IN	1			40 PSF	21.65 PSF 9.5 FT	19 IN	1		
	50 PSF		12 IN	1				6 PSF 8 FT	13 IN 1	1	-	50 PSF	30.93 PSF 8.5 FT 15 IN	1			50 PSF 27.49 PSF 8.5 FT	17 IN	1			50 PSF	24.05 PSF 9 FT	18 IN	1		
	55 PSF	44/20/20/20/20/20/20/20/20/20/20/20/20/20/	12 IN	1				BPSF 8FT				55 PSF	34.02 PSF 8 FT 15 IN	1		-	55 PSF 30.24 PSF 8.5 FT	17 IN	1			55 PSF	26.46 PSF 8.5 FT	17 IN	1		
	60 PSF	ARTHUR AND ADDRESS OF THE PARTY	12 IN	1				4 PSF 7.5 FT		1	F	60 PSF	37.11 PSF 8 FT 14 IN	1		f	60 PSF 32.99 PSF 8 FT	16 IN	1			60 PSF	28.87 PSF 8.5 FT	17 IN	1		
2	0 PSF	0 PSF 11.5 FT	-	1		\vdash		PSF 11 FT		1 -		0 PSF	OPSF 10 FT 28 IN	2			0 PSF 0 PSF 9.5 FT	30 IN	2			0 PSF	0 PSF 9.5 FT	30 IN	2		
	5 PSF	3.78 PSF 11 FT	22 IN	1				PSF 10.5 F		1		5 PSF		2		ı	5 PSF 2.75 PSF 9.5 FT	30 IN	2			5 PSF	2.41 PSF 9.5 FT	30 IN	2		
	10 PSF		22 IN	1				7 PSF 10.5 F				10 PSF	6.19 PSF 10 FT 28 IN	2			10 PSF 5.5 PSF 9.5 FT	30 IN	2			10 PSF	4.81 PSF 9 FT	28 IN	2		
	15 PSF	11.34 PSF 10.5 FT	21 IN	1			15 PSF 10.3	1 PSF 10 FT	25 IN 2	7		15 PSF	9.28 PSF 9.5 FT 27 IN	2			15 PSF 8.25 PSF 9.5 FT	30 IN	2			15 PSF	7.22 PSF 9 FT	28 IN	2		
	20 PSF	15.12 PSF 10.5 FT	21 IN	1			20 PSF 13.7	5 PSF 10 FT	25 IN 2			20 PSF	12.37 PSF 9.5 FT 27 IN	2			20 PSF 11 PSF 9 FT	28 IN	2			20 PSF	9.62 PSF 9 FT	28 IN	2		
	25 PSF	18.9 PSF 10 FT	20 IN	1			25 PSF 17.1	8 PSF 10 FT	25 IN 2			25 PSF	15.46 PSF 9.5 FT 27 IN	2			25 PSF 13.75 PSF 9 FT	28 IN	2			25 PSF	12.03 PSF 9 FT	28 IN	2		
15° 110 MPI	30 PSF	22.68 PSF 9.5 FT	19 IN	1	20°	110 MI	1PH 30 PSF 20.6	2 PSF 9.5 FT	24 IN 2	25° 1	110 MPH	30 PSF	18.56 PSF 9.5 FT 27 IN	2	30° 11	10 MPH	30 PSF 16.49 PSF 9 FT	28 IN	2	35°	110 MPH	30 PSF	14.43 PSF 9 FT	28 IN	2		
	35 PSF	26.46 PSF 9 FT	18 IN	1			35 PSF 24.0	5 PSF 9 FT	22 IN 1			35 PSF	21.65 PSF 9 FT 25 IN	2			35 PSF 19.24 PSF 9 FT	28 IN	2			35 PSF	16.84 PSF 9 FT	28 IN	2		
	40 PSF	30.24 PSF 8.5 FT	17 IN	1			40 PSF 27.4	9 PSF 8.5 FT	21 IN 1			40 PSF	24.74 PSF 8.5 FT 24 IN	2		1	40 PSF 21.99 PSF 8.5 FT	26 IN	2			40 PSF	19.24 PSF 8.5 FT	27 IN	2		
	45 PSF	34.02 PSF 8 FT	16 IN	1			45 PSF 30.9	3 PSF 8 FT	20 IN 1	4		45 PSF	27.83 PSF 8 FT 23 IN	1		-	45 PSF 24.74 PSF 8.5 FT	26 IN	2			45 PSF	21.65 PSF 8.5 FT	27 IN	2		
	50 PSF	37.8 PSF 8 FT	16 IN	1				6 PSF 8 FT	20 IN 1	4	-	50 PSF	30.93 PSF 8 FT 23 IN	1		-	50 PSF 27.49 PSF 8 FT	25 IN	2			50 PSF	24.05 PSF 8.5 FT	27 IN	2		
	55 PSF		15 IN	1				3 PSF 7.5 FT		4		55 PSF	34.02 PSF 7.5 FT 21 IN	1		1	55 PSF 30.24 PSF 8 FT	25 IN	2			55 PSF	26.46 PSF 8 FT	25 IN	2		
,		45.36 PSF 7 FT	14 IN	1				4 PSF 7.5 FT		4 +		60 PSF	37.11 PSF 7.5 FT 21 IN	1	-		60 PSF 32.99 PSF 7.5 FT	23 IN	1			60 PSF	28.87 PSF 8 FT	25 IN	2		
	0 PSF	OPSF 10 FT	28 IN	2				PSF 9 FT		-		0 PSF	OPSF 8FT 32 IN	2		-	OPSF OPSF 8FT	35 IN	2			0 PSF	OPSF 8 FT	36 IN	3		
	5 PSF			2				PSF 9FT		-	9	5 PSF	3.09 PSF 8 FT 32 IN 6.19 PSF 8 FT 32 IN	2		-	5 PSF 2.75 PSF 8 FT	35 IN	2			5 PSF	2.41 PSF 8 FT 4.81 PSF 8 FT		3		
	10 PSF	11.34 PSF 9.5 FT		2				PSF 9FT		-	-	10 PSF	9.28 PSF 8 FT 32 IN	2		1	10 PSF 5.5 PSF 8 FT 15 PSF 8.25 PSF 8 FT	35 IN 35 IN	2			10 PSF 15 PSF	7.22 PSF 8 FT	36 IN	3		
		15.12 PSF 9 FT	25 IN	2				5 PSF 8.5 FT		-	-	20 PSF	12.37 PSF 8 FT 32 IN	2		-	20 PSF 11 PSF 8 FT	35 IN	2			20 PSF	9.62 PSF 8 FT	36 IN	3		
	_	18.9 PSF 9 FT	25 IN	2				8 PSF 8.5 FT		1		25 PSF		2		1	25 PSF 13.75 PSF 8 FT	35 IN	2			25 PSF	12.03 PSF 7.5 FT	1200022000	2		
130 MPI			25 IN	2		130 MI	CERTIFIC TO THE PARTY OF THE PA	2 PSF 8.5 FT		- I I	130 MPH	30 PSF		2	13	30 MPH	30 PSF 16.49 PSF 8 FT	35 IN	2		130 MPH		14.43 PSF 7.5 FT	33 IN	2		
PO. (400 Line)	35 PSF	THE RESERVE AND DESCRIPTION OF THE PERSON NAMED IN	24 IN	2		12020000		5 PSF 8.5 FT				35 PSF	21.65 PSF 8 FT 32 IN	2			35 PSF 19.24 PSF 7.5 FT	33 IN	2			35 PSF	16.84 PSF 7.5 FT	33 IN	2		
	40 PSF		23 IN	1			The second secon	9 PSF 8 FT		1		40 PSF	24.74 PSF 8 FT 32 IN	2		Ť	40 PSF 21.99 PSF 7.5 FT	33 IN	2			40 PSF	19.24 PSF 7.5 FT	33 IN	2		
	45 PSF	The second second second second	21 IN	1				3 PSF 7.5 FT				45 PSF	27.83 PSF 7.5 FT 30 IN	2			45 PSF 24.74 PSF 7.5 FT	33 IN	2			45 PSF	21.65 PSF 7.5 FT	33 IN	2		
	50 PSF	37.8 PSF 7.5 FT	21 IN	1			50 PSF 34.3	6 PSF 7.5 FT	27 IN 2	7		50 PSF	30.93 PSF 7.5 FT 30 IN	2		1	50 PSF 27.49 PSF 7.5 FT	33 IN	2			50 PSF	24.05 PSF 7.5 FT	33 IN	2		
	55 PSF	41.58 PSF 7 FT	20 IN	1			55 PSF 37.	BPSF 7FT	25 IN 2			55 PSF	34.02 PSF 7.5 FT 30 IN	2		1	55 PSF 30.24 PSF 7.5 FT	33 IN	2			55 PSF	26.46 PSF 7.5 FT	33 IN	2		
	60 PSF	45.36 PSF 7 FT	20 IN	1			60 PSF 41.2	4 PSF 7 FT	25 IN 2			60 PSF	37.11 PSF 7 FT 28 IN	2	1		60 PSF 32.99 PSF 7 FT	31 IN	2			60 PSF	28.87 PSF 7.5 FT	33 IN	2		
	0 PSF	OPSF 8 FT	31 IN	2			O PSF 0	PSF 8 FT	38 IN 3		2	0 PSF	0 PSF 7 FT 38 IN	3			OPSF OPSF 6FT	36 IN	3			0 PSF	0 PSF 6.5 FT		3		
	5 PSF	3.78 PSF 8 FT	31 IN	2			5 PSF 3.4	PSF 8FT	38 IN 3			5 PSF	3.09 PSF 7 FT 38 IN	3			5 PSF 2.75 PSF 6 FT	36 IN	3			5 PSF	2.41 PSF 6.5 FT	39 IN	3		
	10 PSF	7.56 PSF 8 FT	31 IN	2				PSF 8FT				10 PSF	6.19 PSF 7 FT 38 IN	3		1	10 PSF 5.5 PSF 6 FT	36 IN	3			10 PSF	4.81 PSF 6.5 FT		3		
	15 PSF		31 IN	2				1 PSF 8 FT		1		15 PSF	9.28 PSF 7 FT 38 IN	3			15 PSF 8.25 PSF 6 FT	36 IN	3			15 PSF	7.22 PSF 6.5 FT		3		
	20 PSF	15.12 PSF 8 FT	31 IN	2								20 PSF	12.37 PSF 7 FT 38 IN	3			20 PSF 11 PSF 6 FT	36 IN	3			20 PSF	9.62 PSF 6.5 FT	100000000000000000000000000000000000000	3		
A	25 PSF		31 IN	2		distance ventros	25 PSF 17.18 PSF 7.5 FT		- Lance of the		A CONTRACTOR OF THE PARTY OF TH	A CONTRACTOR OF THE PARTY OF TH	25 PSF	15.46 PSF 7 FT 38 IN	3			25 PSF 13.75 PSF 6 FT	36 IN	3		waters and the same of the sam	25 PSF	12.03 PSF 6.5 FT	39 IN	3	
150 MPI			31 IN	2		150 MP		2 PSF 7.5 FT					30 PSF	18.56 PSF 7 FT 38 IN	3	15	50 MPH	30 PSF 16.49 PSF 6 FT	36 IN	3		150 MPH		14.43 PSF 6.5 FT	39 IN	3	
		26.46 PSF 8 FT	31 IN	2		l		5 PSF 7.5 FT				35 PSF	21.65 PSF 7 FT 38 IN	3		-	35 PSF 19.24 PSF 6 FT	36 IN	3			35 PSF	16.84 PSF 6.5 FT	39 IN	3		
		30.24 PSF 7.5 FT		2				9 PSF 7.5 FT						40 PSF	24.74 PSF 7 FT 38 IN	3		-	40 PSF 21.99 PSF 6 FT	36 IN	3				19.24 PSF 6.5 FT		3
	45 PSF		T-0.00000000000000000000000000000000000	2				3 PSF 7.5 FT							45 PSF	27.83 PSF 7 FT 38 IN	3			45 PSF 24.74 PSF 6 FT	36 IN	3			45 PSF	21.65 PSF 6.5 FT	39 IN
	50 PSF		27 IN	2				6 PSF 7 FT				50 PSF	30.93 PSF 7 FT 38 IN	3			50 PSF 27.49 PSF 6 FT	36 IN	3			50 PSF	24.05 PSF 6.5 FT	39 IN	3		
	55 PSF	41.58 PSF 7 FT 45.36 PSF 6.5 FT	27 IN 25 IN	2				3 PSF 7 FT 4 PSF 6.5 FT			-	55 PSF 60 PSF	34.02 PSF 7 FT 38 IN 37.11 PSF 6.5 FT 35 IN	2			55 PSF 30.24 PSF 6 FT 60 PSF 32.99 PSF 6 FT	36 IN	3			55 PSF 60 PSF	26.46 PSF 6.5 FT 28.87 PSF 6.5 FT	39 IN 39 IN	3		
	00 131	43.30 F3F 0.3 F1	23 IN	(4)			00 137 41.2	110.011	JANN Z		-7	00131	J.111 J.	2			32.33 F3F 0F	30 114	3			UUTSF	20.07 131 0.311	33 111			

NO.	DRAWN:	CHECKED:	REVIEWED:	APPROVED:	REVISIONS:
0	BushBr 9/27/2014				New Drawing
1					
2					
3					
4					
5					
6					
7					

25 PSF 18.9 PSF 10.5 FT 12 IN 1 110 MPH 30 PSF 22.68 PSF 10 FT 12 IN 1

20 PSF 15.12 PSF 11.5 FT 13 IN 1

35 PSF 26.46 PSF 9.5 FT 12 IN 1 40 PSF 30.24 PSF 9 FT 12 IN 1

45 PSF 34.02 PSF 8.5 FT 12 IN 1

50 PSF 37.8 PSF 8 FT 12 IN 1 55 PSF 41.58 PSF 8 FT 12 IN 1 60 PSF 45.36 PSF 7.5 FT 12 IN 1 0 PSF 0 PSF 13.5 FT 17 IN 1

5 PSF 3.78 PSF 13 FT 16 IN 1

15 PSF 11.34 PSF 12 FT 15 IN 1 20 PSF 15.12 PSF 11 FT 14 IN 1 25 PSF 18.9 PSF 10.5 FT 13 IN 1

35 PSF 26.46 PSF 9.5 FT 12 IN 1

40 PSF 30.24 PSF 9 FT 12 IN 1 45 PSF 34.02 PSF 8.5 FT 12 IN 1 50 PSF 37.8 PSF 8 FT 12 IN 1

55 PSF 41.58 PSF 7.5 FT 12 IN 1 60 PSF 45.36 PSF 7.5 FT 12 IN 1 0 PSF 0 PSF 11.5 FT 23 IN 1

5 PSF 3.78 PSF 11 FT 22 IN 1 10 PSF 7.56 PSF 11 FT 22 IN 1

35 PSF 26.46 PSF 9 FT 18 IN 1 40 PSF 30.24 PSF 8.5 FT 17 IN 1

45 PSF 34.02 PSF 8 FT 16 IN 1 50 PSF 37.8 PSF 7.5 FT 15 IN 1

55 PSF 41.58 PSF 7.5 FT 15 IN 1 60 PSF 45.36 PSF 7 FT 14 IN 1

 O PSF
 O PSF
 10 FT
 26 IN
 2

 5 PSF
 3.78 PSF
 10 FT
 26 IN
 2

35 PSF 26.46 PSF 8.5 FT 23 IN 1 40 PSF 30.24 PSF 8 FT 21 IN 1 45 PSF 34.02 PSF 8 FT 21 IN 1

50 PSF 37.8 PSF 7.5 FT 20 IN 1 55 PSF 41.58 PSF 7 FT 19 IN 1

10 PSF 7.56 PSF 9 FT 30 IN 2 15 PSF 11.34 PSF 8.5 FT 28 IN 2

 50 PSF
 37.8 PSF
 7.5 FT
 25 IN
 2

 55 PSF
 41.58 PSF
 7 FT
 23 IN
 1

 60 PSF
 45.36 PSF
 7 FT
 23 IN
 1

60 PSF 45.36 PSF 7 FT 19 IN

15 PSF 11.34 PSF 8.5 FT 28 IN 2
20 PSF 15.12 PSF 8.5 FT 28 IN 2
25 PSF 18.9 PSF 8.5 FT 28 IN 2
180 MPH 30 PSF 22.68 PSF 8.5 FT 28 IN 2
35 PSF 26.46 PSF 8 FT 27 IN 2
40 PSF 30.24 PSF 8 FT 27 IN 2
45 PSF 34.02 PSF 7.5 FT 25 IN 2

10 PSF 7.56 PSF 9.5 FT 25 IN 2 15 PSF 11.34 PSF 9.5 FT 25 IN 2 20 PSF 15.12 PSF 9.5 FT 25 IN 2 25 PSF 18.9 PSF 9 FT 24 IN 2 160 MPH 30 PSF 22.68 PSF 9 FT 24 IN 2

15 PSF 11.34 PSF 10.5 FT 21 IN 1 20 PSF 15.12 PSF 10.5 FT 21 IN 1

25 PSF 18.9 PSF 10 FT 20 IN 1 15° 140 MPH 30 PSF 22.68 PSF 9 FT 18 IN 1

10 PSF 7.56 PSF 13 FT 16 IN :

115 MPH 30 PSF 22.68 PSF 10 FT 12 IN 1

Client:
Schletter Inc
3761 E Famum Place
Tucson, AZ 85760



3761 E. FARNUM PLACE | TUCSON, AZ 85706 TEL: (520) 289 - 8700 | FAX: (520) 289 - 8695 EMAIL: MAIL@SCHLETTER.US WWW.SCHLETTER.US GłubXufXDjAUž*\$'7Y'ž%jš!'')š

Racking Structure

Snow, Wind, Alignment, Tables

ISSUED BY: SCHLETTER INC. PROPRIETARY AND CONFIDENTIAL Project Site: Drawing Number:

Schletter Inc

Shelby, NC 28150

1001 Commerce Center Dr

v.01

JOB NUMBER: v SCALE:
SHEET: 4 of 4 SEE DRAWING VIEWS

PRELIMINARY

UNLESS THIS DRAWING IS SIGNED

AND SEALED BY A LICENSED

STRUCTURAL ENGINEER, IT IS
A PRELIMINARY DESIGN AND SHALL
NOT BE USED FOR CONSTRUCTION.