low L High L 0.000 7.052 17.510 <-Angle																	
Part					Member									Design		Design	
More				1	2	3								Compress		Tensile	
HOPE 9-71 7 11				9.845	9.929	10.380	<- Length						Angle(deg)	ive Strg.,	slope	Strg., ΦPn	slo
No		low L	High L	0.000	7.052	17.510	<- Angle						0	9	-0.05	6	0
HOPB 11-7-9 10	HDPB 5'-9'	5	9	-	-	-							15	8.25	-0.05	6.45	C
Home 17-26 15 25 25 25 25 25 25 25	HDPB 7'-11'	7	11	OK	OK	OK							30	7.5	-0.05	7.05	C
HOPB 192-26 15	HDPB 10'-15'	10	14	-	-	OK							45	6.75	-0.05	7.5	
HOME 27-35 22 35 35 	HDPB 12'-20'	12	20	-	-	-							60	8.55	0.12	9	
MB 8'-14' S	HDPB 15'-26'	15	25	-	-	-							75	10.2	0.11	10.5	
Member 1	HDPB 22'-35'	22	35	-	-	-							90	12	0.12	12	0.1
Member 1	MB 5'-8'	5	8	-	-	-											
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Compression Tension Shoe Tension Shoe Tension Shoe Comp Tension Tension Shoe Comp Tension Tension	Memher	1															
NBBS Se Sope total Total base Slope total base Slope total base Slope total tota	MEHINE					0.000	Shoe Tension	1		Shoe Com	0	Comp	Ten				
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HOBP 17-17 8.7	HDPB 5'-9'											. ,					
HDPB 15'-26' - - - - - - 6 0.03 6 9 -0.05 9 - - - - - - - - -				-	-							-					
HDPB 15'-26' - - - - - - 6 0.03 6 9 0.05 9 - - - MB 5'-8' - - - - - 6 0.03 6 9 0.05 9 - - - MB 8'-14' 14.37 0 14.37125749 14.37125749 6 0.03 6 9 0.05 9 14.37126 14.37126 MB 8'-14' 14.37 0 14.37125749 14.37125749 6 0.03 6 9 0.05 9 14.37126 14.37126 Member Torund Interp Torund		_	_	-	-							_	_				
HDPB 22'-35' -		_	_	-	-							_	_				
MB S'-8' 14.371		_	_	-	-							_	_				
Member 14 14 371 0 14 37125749		2	2	_	_							_	_				
Member 1 Superior Superi		14.371	0	14.37125749	14.37125749							14.37126	14.37126				
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Note																	
HDPB 5'-9' 8.7			round	interp	round	interp											
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HDPB 10'-15' 8.7	Member		9.000	0.929	0	-	Shoe Tension	n		Shoe Comp	p	Comp	Ten				
HDPB 10'-15' - - - - - 6 0.03 6.211552 9 -0.05 8.647413 - - - -	Member	С	9.000 ompressio	0.929 on	0 Tension	7.052					total	(min)	(min)				
HDPB 15'-20' - - - - - - 6 0.03 6.211552 9 -0.05 8.647413 - - - -	HDPB 5'-9'	base	9.000 ompression slope	0.929 on total	0 Tension Total	7.052 base 6	slope 0.03	total 6.211552	9	slope	total 8.647413	(min) 8.647413	(min)				
HDPB 15'-26' - - - - - 6 0.03 6.211552 9 -0.05 8.647413 - - - - -	HDPB 5'-9'	base 8.7	9.000 ompression slope 0	0.929 on total 8.7	0 Tension Total 10.34	7.052 base 6 6	slope 0.03	total 6.211552	9 9	slope -0.05	total 8.647413	(min) 8.647413	(min) 6.211552				
HDPB 22'-35' - - - - - 6 0.03 6.211552 9 -0.05 8.647413 - - - - -	HDPB 5'-9' HDPB 7'-11'	base 8.7 8.7	9.000 ompression slope 0	0.929 on total 8.7	Tension Total 10.34 10.34	7.052 base 6 6	slope 0.03 0.03	total 6.211552 6.211552	9 9	slope -0.05 -0.05	total 8.647413 8.647413	(min) 8.647413	(min) 6.211552				
MB 5'-8' MB 8'-14' -	HDPB 5'-9' HDPB 7'-11' HDPB 10'-15' HDPB 12'-20'	base 8.7 8.7	9.000 ompression slope 0	0.929 on total 8.7	Tension Total 10.34 10.34	7.052 base 6 6 6 6	slope 0.03 0.03 0.03 0.03	total 6.211552 6.211552 6.211552 6.211552	9 9 9 9	slope -0.05 -0.05 -0.05 -0.05	total 8.647413 8.647413 8.647413 8.647413	(min) 8.647413 7.306267	(min) 6.211552				
MB 8'-14' 14.371 0 14.37125749 14.37125749 6 0.03 6.211552 9 -0.05 8.647413 14.37126 14.37126	HDPB 5'-9' HDPB 7'-11' HDPB 10'-15' HDPB 12'-20' HDPB 15'-26'	base 8.7 8.7 -	9.000 ompression slope 0	0.929 on total 8.7	Tension Total 10.34 10.34	7.052 base 6 6 6 6 6	slope 0.03 0.03 0.03 0.03 0.03	total 6.211552 6.211552 6.211552 6.211552 6.211552	9 9 9 9	slope -0.05 -0.05 -0.05 -0.05 -0.05	total 8.647413 8.647413 8.647413 8.647413	(min) 8.647413 7.306267 - -	(min) 6.211552				
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HDPB 12'-20'	HDPB 5'-9' HDPB 7'-11' HDPB 10'-15' HDPB 12'-20' HDPB 15'-26' HDPB 22'-35' MB 5'-8' MB 8'-14'	base 8.7 8.7	9.000 ompressio slope 0 -1.5 0 round 10.000 ompressio slope	0.929 total 8.7 7.306267048 14.37125749 length interp 0.380	0 Tension Total 10.34 10.34 14.37125749 ang round 15 Tension Total	7.052 base 6 6 6 6 6 6 6 6 6 interp 2.510	slope 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.0	total 6.211552 6.211552 6.211552 6.211552 6.211552 6.211552 6.211552 6.211552 6.211552	9 9 9 9 9 9 9	slope -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05	total 8.647413 8.647413 8.647413 8.647413 8.647413 8.647413 8.647413	(min) 8.647413 7.306267 - - - 14.37126	(min) 6.211552 6.211552 - - - - 14.37126				
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MB 5'-8' 6.45 0.04 6.550392 8.25 -0.05 8.12451	HDPB 5'-9' HDPB 7'-11' HDPB 10'-15' HDPB 12'-20' HDPB 12'-26' HDPB 22'-35' MB 5'-8' MB 8'-14' Member HDPB 5'-9' HDPB 7'-11' HDPB 10'-15'	C base 8.7 8.7	9.000 ompressic slope 0 -1.5 0 round 10.000 ompressic slope1.05 -1.05	0.929 on total 8.7 7.306267048 14.37125749 length interp 0.380 on total - 6.800811598	0 Tension Total 10.34 10.34 1.37125749 ang round 15 Tension Total - 10.34 10.34	7.052 base 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	slope 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.0	total 6.211552 6.211552 6.211552 6.211552 6.211552 6.211552 6.211552 6.211552 6.211552 6.521552 6.550392 6.550392 6.550392	9 9 9 9 9 9 9 9 9	slope -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05	total 8.647413 8.647413 8.647413 8.647413 8.647413 8.647413 8.647413 0 total 8.12451 8.12451 8.12451	(min) 8.647413 7.306267 - - - 14.37126 Comp (min) - 6.800812	(min) 6.211552 6.211552 - - - - 14.37126 Ten (min) - 6.550392				
	HDPB 5'-9' HDPB 7'-11' HDPB 10'-15' HDPB 12'-20' HDPB 22'-35' MB 5'-8' MB 8'-14' Member HDPB 7'-11' HDPB 10'-15' HDPB 10'-15' HDPB 12'-20'	14.371 1 C base - 7.2 - 7.2	9.000 ompressic slope 0 -1.5 0 round 10.000 ompressic slope1.05 -1.05	0.929 on total 8.7 7.306267048 14.37125749 length interp 0.380 on total - 6.800811598	0 Tension Total 10.34 10.34 14.37125749 ang round 15 Tension Total - 10.34 10.34	7.052 base 6 6 6 6 6 6 6 6 6 6 base 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	slope 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.0	total 6.211552 6.211552 6.211552 6.211552 6.211552 6.211552 6.211552 6.211552 6.21552 6.50392 6.550392 6.550392 6.550392	9 9 9 9 9 9 9 9 9	slope -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05 -0.05	total 8.647413 8.647413 8.647413 8.647413 8.647413 8.647413 8.647413 9 total 8.12451 8.12451 8.12451 8.12451	(min) 8.647413 7.306267 - - - 14.37126 Comp (min) - 6.800812	(min) 6.211552 6.211552 - - - - 14.37126 Ten (min) - 6.550392				
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