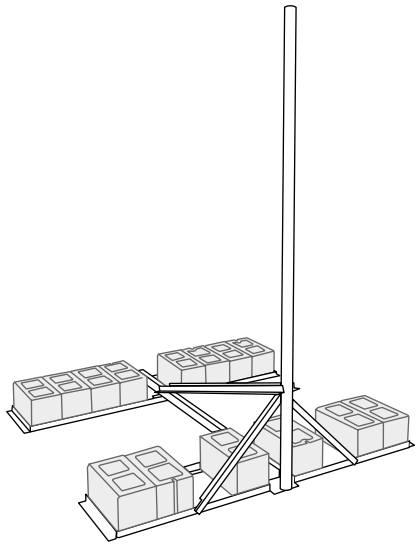




B4 NON-PENETRATING ROOF MOUNT

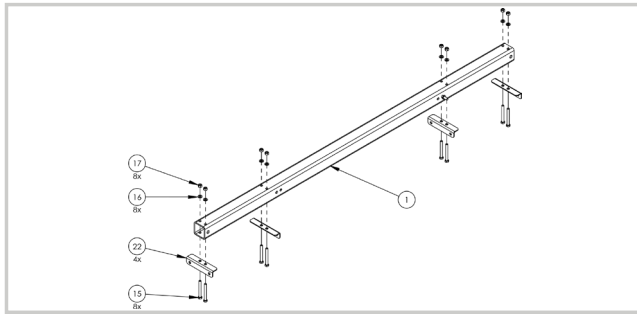
The B4 NPRM is a flexible and heavy duty non-penetrating roof mount for ground and roof-top mounting. This model has a mast height between 10ft and 15ft.

SPECIFICATIONS

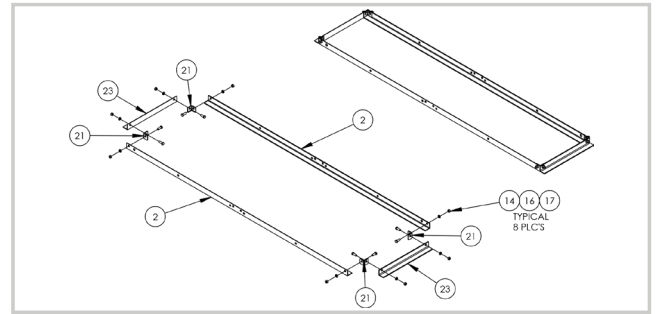
Compatibility	
Cobalt	VPTZ Sapphire
Static Sapphire	Ultra PTZ
Power Supply	
120 volt & solar power	
Operating Environment	
Outdoor use	
Height	
10 ft - 15 ft	

Hardware		
#1	Support Tube	1
#2	Ballast Angle	4
#3	Rear Brace	2
#4	Right Side Brace	1
#5	Left Side Brace	1
#6	Mast	1
#7	Upper Mast	1
#8	Mast Adaptor	1
#9	1/2"X1-1/4" Set Screws	6
#10	1/2" Jam Nut	6
#11	1/2" X 1-1/4" Bolt	4
#12	1/2" Nut	4
#13	1/2" Lockwasher	4
#14	3/8"X 1" Bolt	26
#15	3/8" X 3-1/4" Bolt	9
#16	3/8" Split-Lockwasher	35
#17	3/8" Nut	35
#18	3/8" X 4" Tap Bolt	2
#19	3/8" Uss Flatwasher	2
#20	3/8" Whiz Lock Nut	2
#21	Corner Clip	8
#22	B4 Mounting Angle	4
#23	16" Side Pad	4

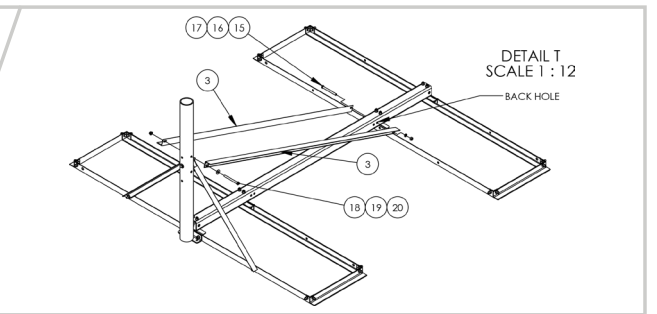
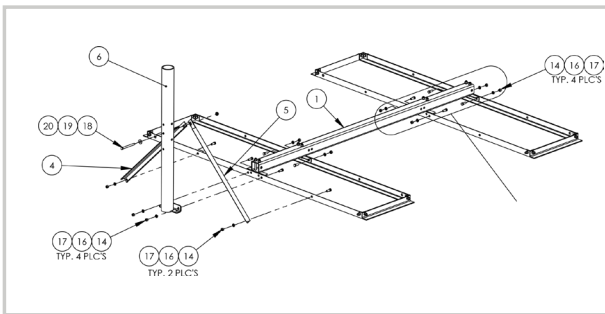
10FT B4 NPRM INSTALLATION



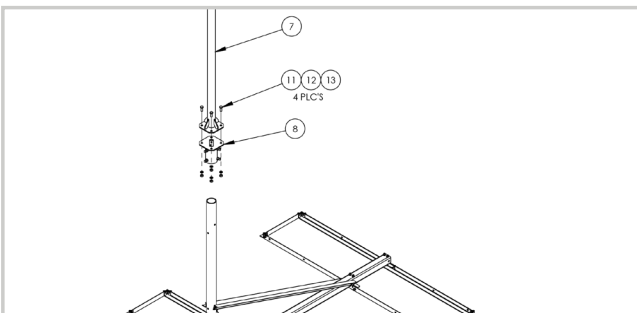
- 1** Attach four angle brackets (#15) to the support tube (#1) using two 3/8"x3-1/4" bolts, lockwashers and nuts per bracket (#15, #16, #17). Snug tight the hardware, final tightening will be done after the mount is completely assembled.



- 2** For both ballast trays assemble the ballast angles (#2), two side pads (#23) and four corner clips (#21). Assemble each tray using eight 3/8"x1" bolts, lockwashers and nuts (#14, #16, #17).

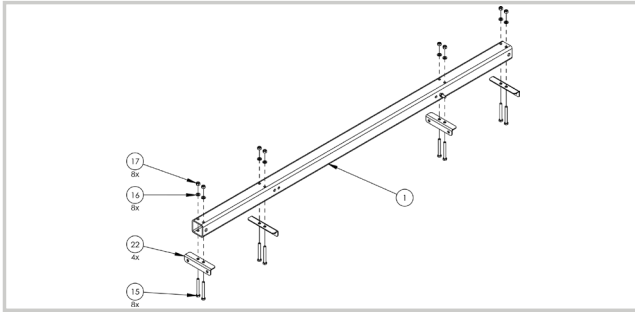


- 3** Attach the support tube assy (#1) to the ballast trays using eight 3/8"x1" bolts, nuts and lockwashers (#14, #16, #17). The mast (#6) also gets attached at this step. Attach the side braces (#4, #5) to the mast using a 3/8"x4" tap bolt, flatwasher, and whizlock nut (#9, #12, #13). Note: the slotted end attaches at the mast. Attach the other end of each side brace to the ballast tray using a 3/8" x 1" bolt, 3/8" lockwasher and nut (#14, #16, #17).

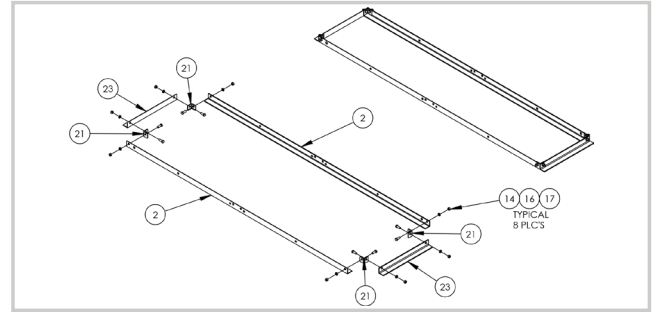


- 5** Attach the upper mast (#7) to the mast adapter (#8) using four 1/2"x1-1/4" bolts, nuts and lockwashers (#11, #12, #13). Slide the assembled mast extension over the top of the lower mast (#6) and secure Using the six set screws (#9, #10) on the mast adapter.

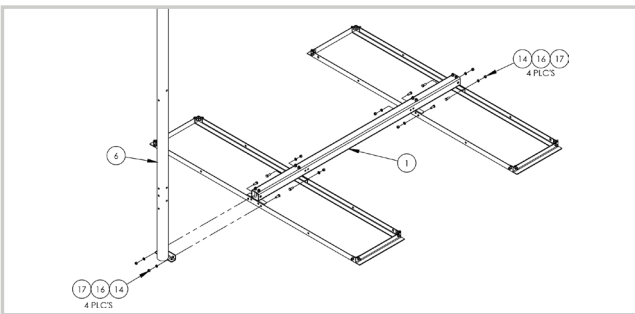
15FT B4 NPRM INSTALLATION



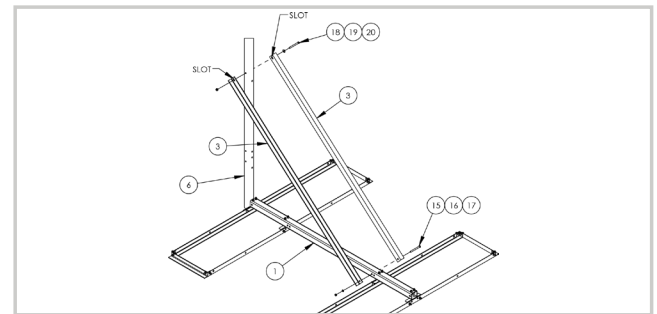
- 1** Attach four angle brackets (#15) to the support tube (#1) using two 3/8"x3-1/4" bolts, lockwashers and nuts per bracket (#15, #16, #17). Snug tight the hardware, final tightening will be done after the mount is completely assembled.



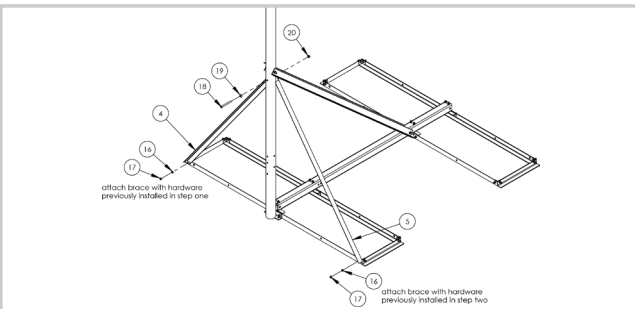
- 2** For both ballast trays assemble the ballast angles (#2), two side pads (#23) and four corner clips (#21). Assemble each tray using eight 3/8"x1" bolts, lockwashers and nuts (#14, #16, #17).



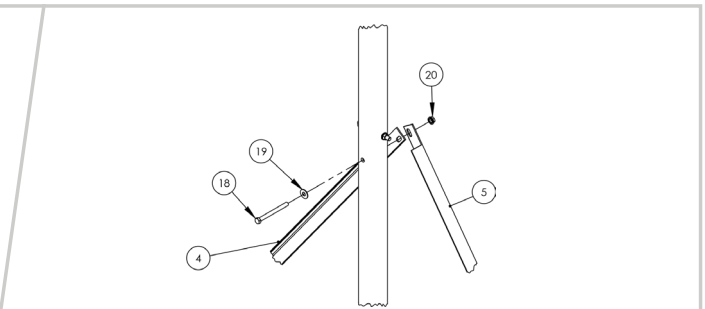
- 3** Attach the support tube (#1) to the ballast trays using eight 3/8"x1" bolts, lockwashers and nuts (#14, #16, #17). The mast (#6) also gets attached at this step.



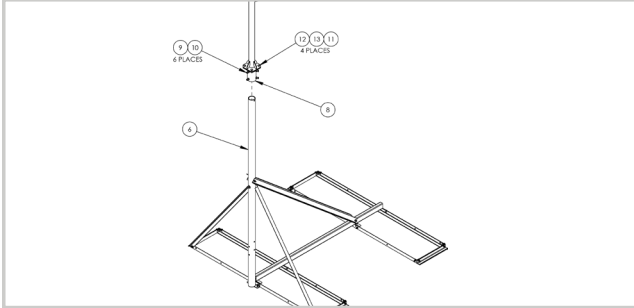
- 4** Attach the rear braces (#3) to the support tube (#1) using a 3/8"x 3-1/4" bolt, lockwasher and nut (#15, #16, #17). Note, the slotted end of the brace goes to the mast (#6). Attach the rear braces to the mast using a 3/8"x4" tap bolt, flatwasher and whizlock nut (#18, #19, #20)



- 5** Attach the slotted ends of the side braces (#4, #5) to the mast using a 3/8"x 4" tap bolt, 3/8" flatwasher and 3/8" whizlock nut (#18, #19, #20). Attach the other end of each brace to the ballast trays by removing two previously installed nuts (#17) and lockwashers (#16), positioning the brace on the exposed bolt and reinstalling the nuts and lockwashers.



15FT B4 NPRM INSTALLATION



- 6** Attach the upper mast (#7) to the mast adapter(#8) using four 1/2"x1-1/4" bolts, nuts and lockwashers (#11, #12, #13). Slide the assembled mast extension over the top of the lower mast (#6) and secure using the six set screws on the mast adapter.