

DESIGNED APPURTENANCE LOADING

ELEV	COAX	TYPE	ELEV	COAX
250		6' - 6GHz High Performance dish	112	EW63 2.5" oval
250	3/4" mc cable	4" heavy duty pipe mount	112	
240	EW63 3.5" oval	4' - 6GHz High Performance dish	107	EW63 2.5" oval
240		4" heavy duty pipe mount	107	
240	EW63 3.5" oval	4' - 11GHz High Performance dish	92	EW90 1.5" oval
240		4" heavy duty pipe mount	92	
212	LDF6-50A 1 1/4"		75	EW90 1.5" oval
212		, ,,,	75	
212	LDF6-50A 1 1/4"		70	LDF5-50A 7/8"
212		3' Stand Off Mount	70	
200		20' PD-220 or equiv. omni whip	70	LDF5-50A 7/8"
200 12	LDF7-50A 1-3/8"	3' Stand Off Mount	70	
170				
170 12	2-LDF7-50A 1-3/8"			
155	EW63 2.5" oval			
155				
155	EW63 2.5" oval			
155				
118	LDF5-50A 7/8"			
118				
118	LDF5-50A 7/8"			
118				
	250 250 240 240 240 212 212 212 212 212 212 212 212 212 212 212 212 200 170 170 155 155 155 155 1118 118 118	250 250 34" mccable 240 EW63 3.5" oval 212 LDF6-50A 1.14" 212 DF6-50A 1.14" 210 200 200 12-LDF7-50A 1.38" 170 12-LDF7-50A 1.38" 155 EW63 2.5" oval 118 LDF5-50A 7.8"	Z50 6' - 6GHz High Performance dish 250 3/4"mccable 4" heavy duty pipe mount 240 EW63 3.5" oval 4' - 6GHz High Performance dish 240 4" heavy duty pipe mount 240 240 4" heavy duty pipe mount 212 212 LDF650A 11/4" 4" - 11GHz High Performance dish 212 4" heavy duty pipe mount 212 212 3" Stand Off Mount 20' PD-220 or equiv. omni whip 200 12LDF7-50A 1-38" 3' Stand Off Mount 170 12LDF7-50A 1-38" 3' Stand Off Mount 170 12LDF7-50A 1-38" 155 155 EW63 2.5" oval 155 155 EW63 2.5" oval 155 155 EW63 2.5" oval 155 118 LDF550A 7 /8" 118 118 LDF550A 7 /8" <t< td=""><td>ZE0 6' - 6GHz High Performance dish 112 250 3/4"mccable 4" heavy duty pipe mount 112 240 EW63 3.5" oval 4' - 6GHz High Performance dish 107 240 EW63 3.5" oval 4' - 6GHz High Performance dish 107 240 EW63 3.5" oval 4' - 11GHz High Performance dish 107 240 EW63 3.5" oval 4' - 11GHz High Performance dish 92 212 LDF6-50A 11/4" 4' - 11GHz High Performance dish 75 212 LDF6-50A 11/4" 4' - 11GHz High Performance dish 75 212 LDF6-50A 11/4" 20' PD-220 or equiv. omni whip 70 210 20 20' PD-220 or equiv. omni whip 70 200 12LDF7-50A 1-38" 3' Stand Off Mount 70 170 12LDF7-50A 1-38" I I I 155</td></t<>	ZE0 6' - 6GHz High Performance dish 112 250 3/4"mccable 4" heavy duty pipe mount 112 240 EW63 3.5" oval 4' - 6GHz High Performance dish 107 240 EW63 3.5" oval 4' - 6GHz High Performance dish 107 240 EW63 3.5" oval 4' - 11GHz High Performance dish 107 240 EW63 3.5" oval 4' - 11GHz High Performance dish 92 212 LDF6-50A 11/4" 4' - 11GHz High Performance dish 75 212 LDF6-50A 11/4" 4' - 11GHz High Performance dish 75 212 LDF6-50A 11/4" 20' PD-220 or equiv. omni whip 70 210 20 20' PD-220 or equiv. omni whip 70 200 12LDF7-50A 1-38" 3' Stand Off Mount 70 170 12LDF7-50A 1-38" I I I 155

TOWER DESIGN NOTES

- 1. Tower is located in Lycoming County, Pennsylvania.
- Tower designed for appropriate exposure category to the TIA-222-H Standard.
 Tower designed for proper topographic category and crest height for the TIA-222-H Standard. Tower designed for basic wind in accordance with the TIA-222-H Standard.
 Tower designed for basic wind and ice loading in accordance with the TIA-222-H Standard.
- 6. Deflections are based upon a 60 mph wind.
- Tower Risk Category III. 7.
- 8. TOWER DESIGNED TO BE AT LESS THAN 75% CAPACITY WITH PROPOSED LOADING

Job: Hesker Hill 250' SS Tower					
Project: Lycoming County Tower Mapping - Design loading					
Code: TIA-222-H	^{Date:} 11/16/2020	Scale: NTS			
Coordinates: 41-14-19.63N 77-14	4-35.9W elev. 1226ft.				