Final stack height

U = lower of U(m) and U(b) = 3.517035

Follow the steps below:

1 Are there any buildings within 5 x U(m)
= within 30.78757108 metres? Y/N N

If "No", Required stack height = 3.517035 m
If "Yes", stack height may need adjustment, continue:

2 Enter height of tallest building in that range (m) 20 =H(m)
Enter width of widest building in that range (m) =B(M)

Is U > 2.5 x H(m)? **no**

3 Single wide building:

Enter building height (m) 11 =H

Stack height adjusted if necessary:

A = U(m) / U(b) = 1.750768456 Note: (A=1 if U(b)>U(m)

Stack height:
= H + 0.6(U + (2.5 x H -U)(1-Apower(-U/H))) = 15.4694 metres
= U = 3.51704 metres

Required stack height = 15.46942 m