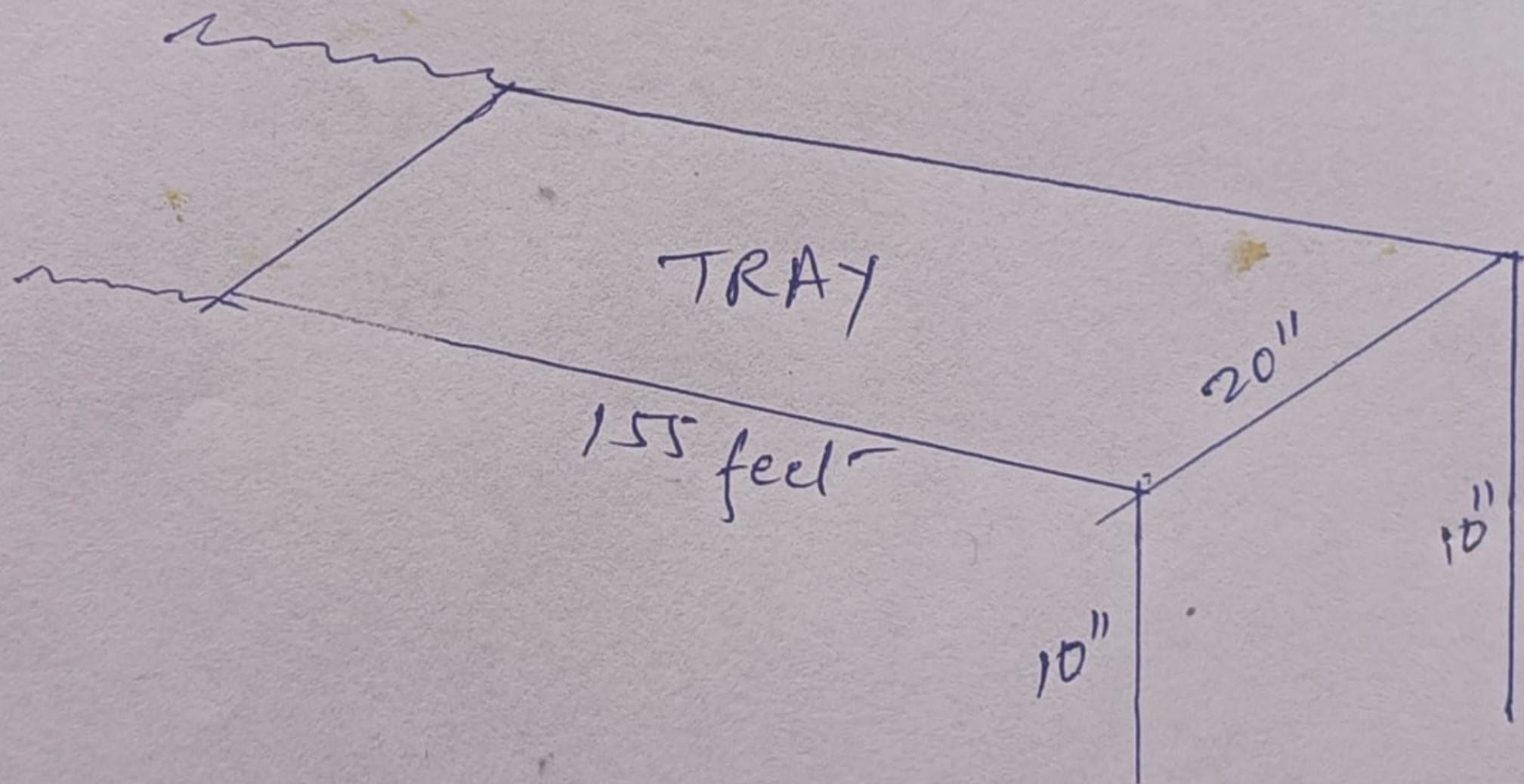


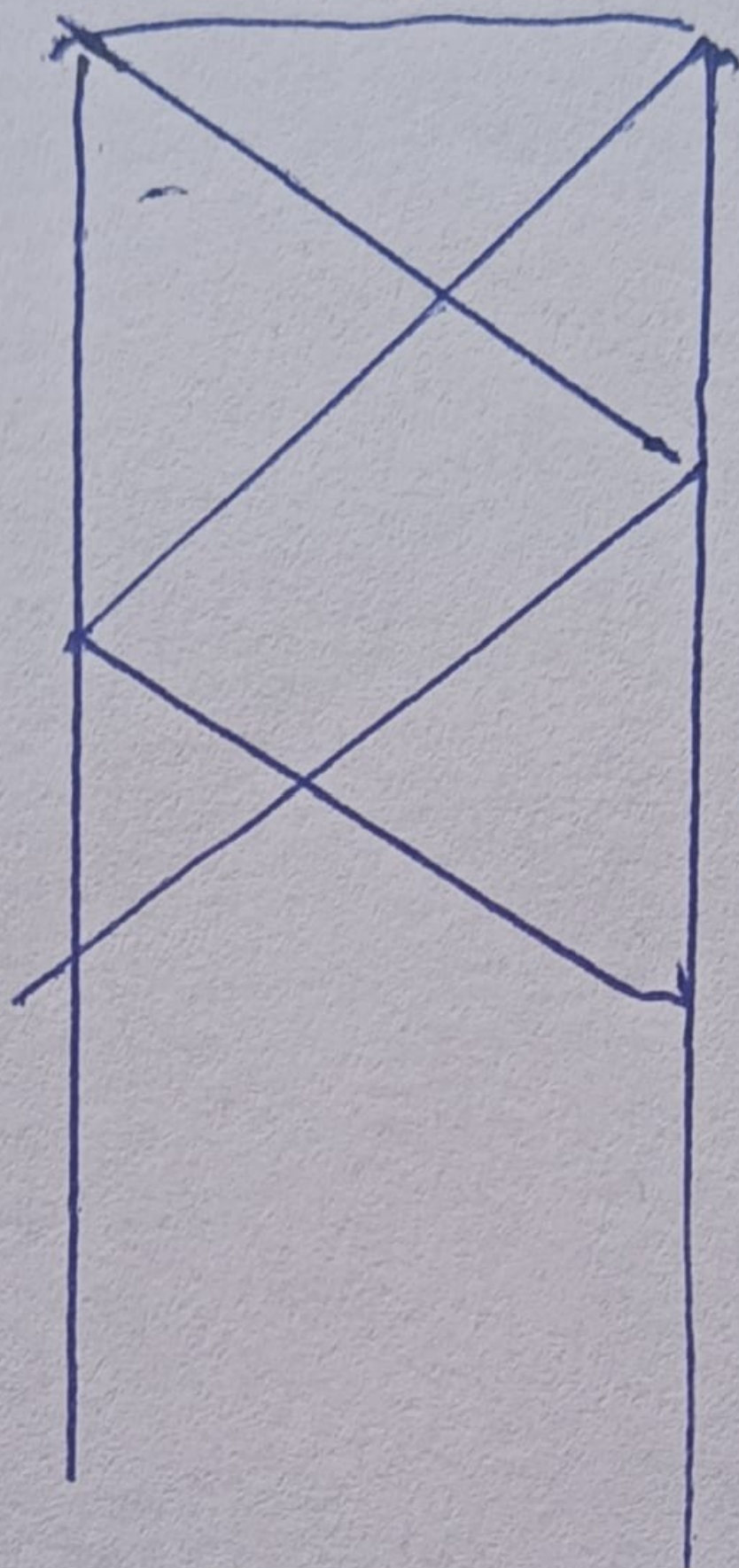
**TECHNICAL SPECIFICATIONS FOR PAINTING OF 135 METER FM SELF SUPPORTING STEEL TOWER ALONG WITH
CABLE TRAY AND SUPPORTING POLES AT AKASHVANI KURSEONG**

Sl.No.	PARTICULARS	REQUIREMENTS
1	1. PAINTING OF 135 METER FM SELF SUPPORTING TOWER 2. CABLE TRAY OF FOLLOWING DIMENTION: A) LENGTH OF THE CABLE TRAY : 155 ft. B) SIZE : 20 inch BY 10 inch C) NO. OF POLES : 13 (EACH OF HEIGHT 11 ft. AND SPAN OF 20 inch) <i>m x</i>	Procedure to be followed during painting: 1) All dust, dirt, grease and other contaminants must be removed from the surface of the tower, cable try and mast. Old paint of the whole structure is to be removed with proper scraping. 2) The pockets if present are to be filled with putty (composed of red oxide and boiled linseed oil. 3) The surface should be clean and dry before application of primer. 4) a) Driers like litharge or turpentine is not allowed to use. b) The practice of mixing kerosene oil with paint is strictly forbidden. Painting should not be done either in very cold weather or in unusually high humidity condition. 5) After thorough cleaning as described above, the primer coat is to be applied when steel Structure is warm but not hot i.e. surface temperature should not rise above 50 degree C. 6) When the primer coat is dry, the first coats of paint is to be applied. Interval between two coats of paint should be at least 48hrs. In dry weather. 7) The painting should be done carefully so that all corners and crevices of the structure are covered. The painting is to be done in alternate bands of international Orange and White. The band should be perpendicular to the longest dimension and have a width of approximately 1/7 of the longest dimension for tower of height up to 210m. And 1/9 of the longest dimension for tower of height up to 210m and 270m or 30m whichever is less. The Orange and White bands shall be of equal width. The top and bottom band will be orange. Note: Against some background where orange is not prominent when viewed against the background it may be found necessary to use a different colour from orange to obtain sufficient contrast.

2	Specification of paints:	The quality of paint, primer and thinner must be conforming to following standard specifications: (Make: Nerolac/Asian paints/Berger/JSW/Indigo/Shalimar) I.S. 2074-1962: Ready Mixed paint, Red oxide, Zinc Chrome Priming I.S. 2932-1964: Enamel, Synthetic Exterior type I. I.S. 1745-1961: Petroleum Hydrocarbon Solvents(thinner). Must: (One coat of primer and two final coats of paint)
3	Any other job required for the completeness of the system (item wise details of offered and included material, items & parts to be given by the tenderer)	As per site requirement.



20"



71 ft

Supporting post