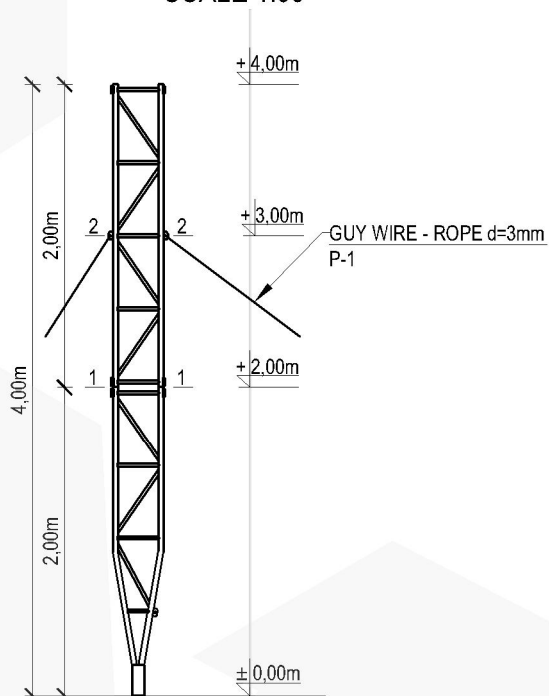


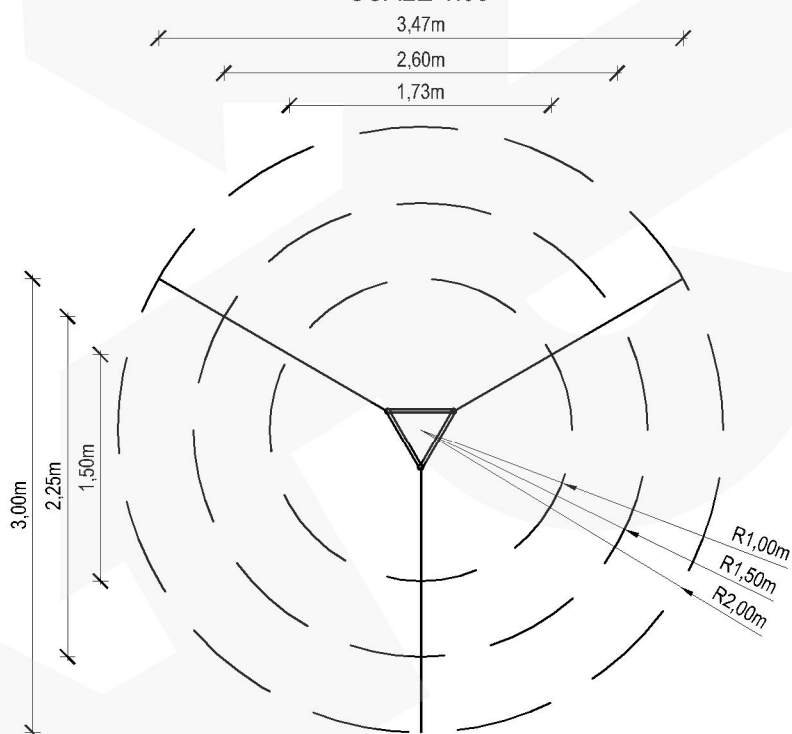
ASSEMBLY DRAWING

SCALE 1:50



GUY WIRES RANGE

SCALE 1:50



NOTES :

1. Typical mast construction M300/H04
2. Aluminum alloy: EN AW-6005A T6
3. Connections: fillet welded with TIG (GTAW) argon method by the requirements of ISO 3834-2
4. Results may vary depending on local geometry and mast foundation
5. Characteristic wind speed: $V_k = 22 \text{ m/s}$
6. Terrain category: II
7. Reliability class: II
8. Ice density: 700 kg/m^3
9. Ice thickness: $2,0 \text{ cm}$
10. Equipment total weight limit on the mast: 60 kg
11. Equipment area on the mast:
 - $S = 0,5 \text{ m}^2$ at the top of the mast
12. Mast must be set under construction law
13. Construction on which mast will be located must be able to transfer reactions
14. Lead assembly with wind speed not more than 5 m/s
15. Guy wires: steel ropes 3 mm $R_m = 1770 \text{ MPa}$ T1x19 by EN 12385
16. Initial tension of guy wires: from 8% to 15% of rated breaking strength of the guy

Manufacturer:			
<div>RETIS</div> <div>WWW.RETIS.PL WWW.MASZTY-RETIS.PL</div>			
Investment:			
SERIES OF ALUMINUM LATTICE MASTS - TYPE - 300			
Drawing title:			
TYPICAL MAST M300/H04 - ASSEMBLY DRAWING + GUY WIRES RANGE			
Date:	Phase:	Project No.:	Revision:
05.2013	typical project	RETIS M300	...
Industry:	Project No.:		
construction	RETIS_KK_M300_H04_01		

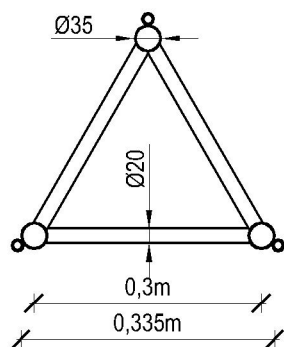


RETIS®
CONSTRUCTION

TYPICAL MAST M300/H04

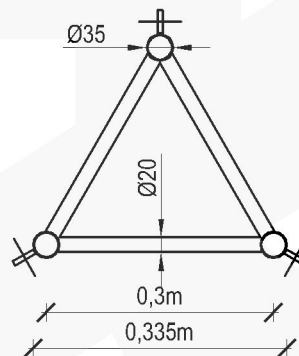
SECTION 1-1

SCALE 1:10



SECTION 2-2

SCALE 1:10



Rope fi 3mm (1x19)	Clamp 3mm	Patent eye 3mm
15lm	18pcs	6pcs
Shackle 8mm	Simple washer M8	Selflocking nut M8
3pcs	6pcs	6pcs
Simple nut M8	Screw M8x180	Roman screw
6pcs	3pcs	3pcs
Lightning tip	Caps	Base
1pc	3pcs	1 set

NOTES :

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Manufacturer: RETIS <small>WWW.RETIS.PL WWW.MASZTY-RETIS.PL</small>			
Investment: SERIES OF ALUMINUM LATTICE MASTS - TYPE-300			
Drawing title: TYPICAL MAST M300/H04 - SECTIONS + LIST OF ELEMENTS			
Date: 06.2013	Phase: typical project	Project No.: RETIS M300	Revision: ...
Industry: construction	Project No.: RETIS_KK_M300_H04_02		