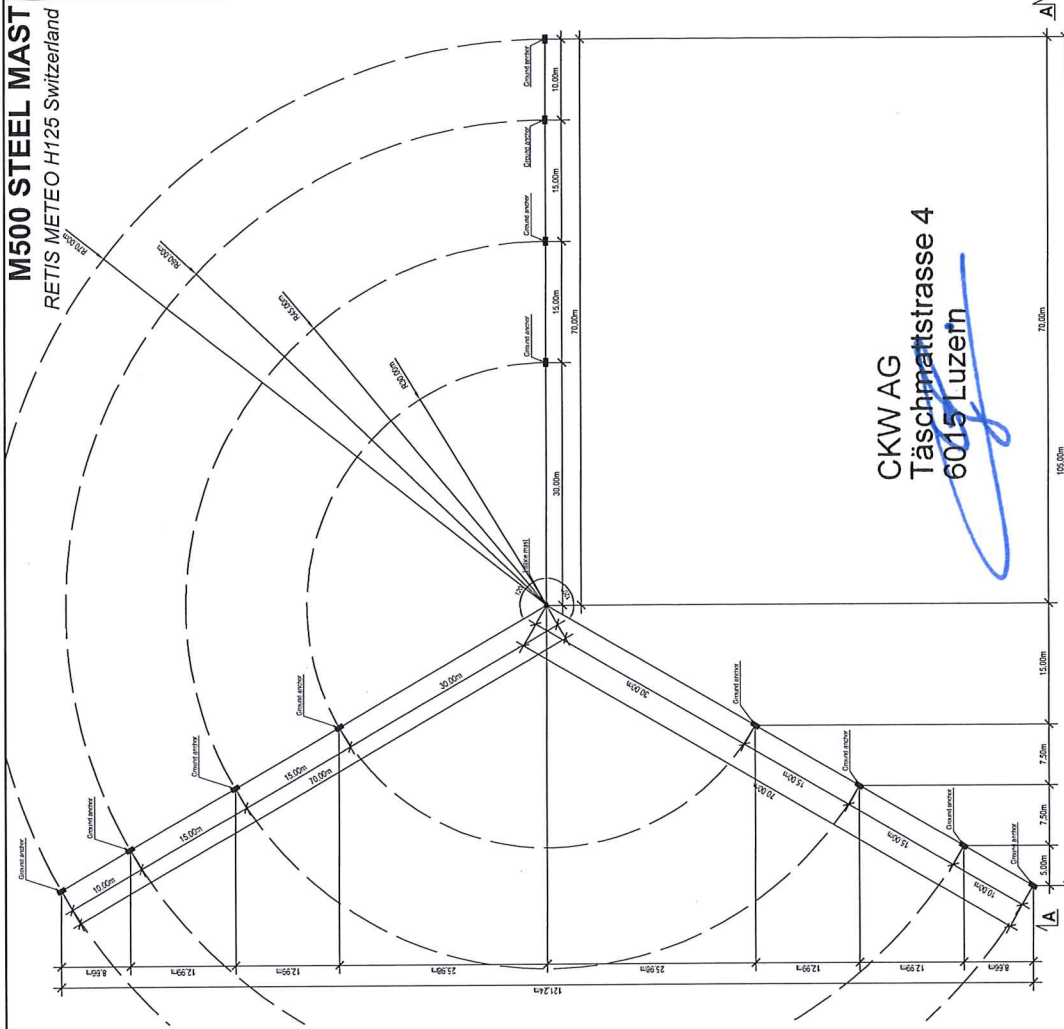
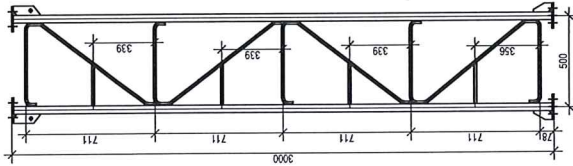


M500 STEEL MAST
RETIS METEO H125 Switzerland

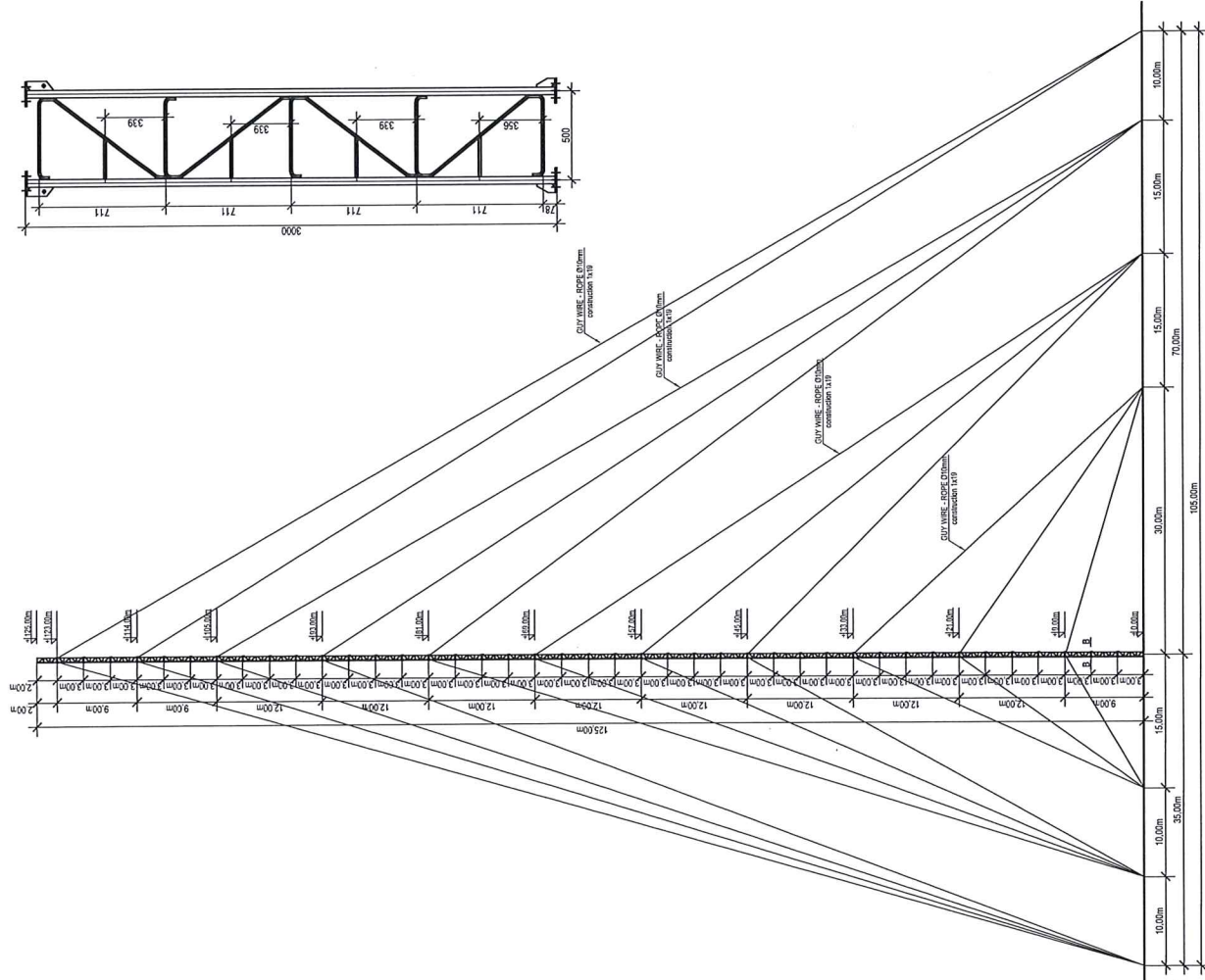
CKW AG
Täschmattstrasse 4
6015 Luzern



SEGMENT DETAIL

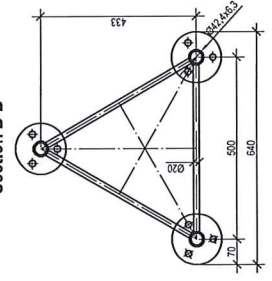


View A-A



- NOTES:**
1. Material: Steel S355 according to EN 10025-2
 2. Corrosion protection: hot-dip galvanizing according to EN ISO 1461
 3. Construction class: Execution Class 2 according to EN 1090-2
 4. Segment height: 3.0m / 2.0m
 5. Anchorages in distances: L=30.0m; 45.0m; 60.0m; 70.0m
 6. Guy wire-rope: steel rope Ø10 / 1x19
 - The force breaking the rope: 91.15kN
 - Initial tension force of ropes: 9.10kN
 7. Location: Switzerland, a < 750m h.p.m.
 8. Reliability class: 2
 9. Characteristic wind speed: $V_{to} < 35.0\text{m/s}$
 10. Terrain category: II
 11. Parameters of the wind, according to norm EN 1991-1-4
 12. Gaze ice: ICCC; according to norm ISO 1464:2001
 13. Atmospheric icing on structures.
 14. Seals: as per drawing
 15. Construction painting:
Red - RAL 3000
White - RAL 9010

Section B-B



PROJECT OFFICE	
INVESTMENT	RETIS METEO 125 STEEL Switzerland
Date:	11.2021
Project No.:	RETIS_KK_INB00_STEEL_H125m_Switzerland
Industry:	construction
Revision:	rev. 1.1