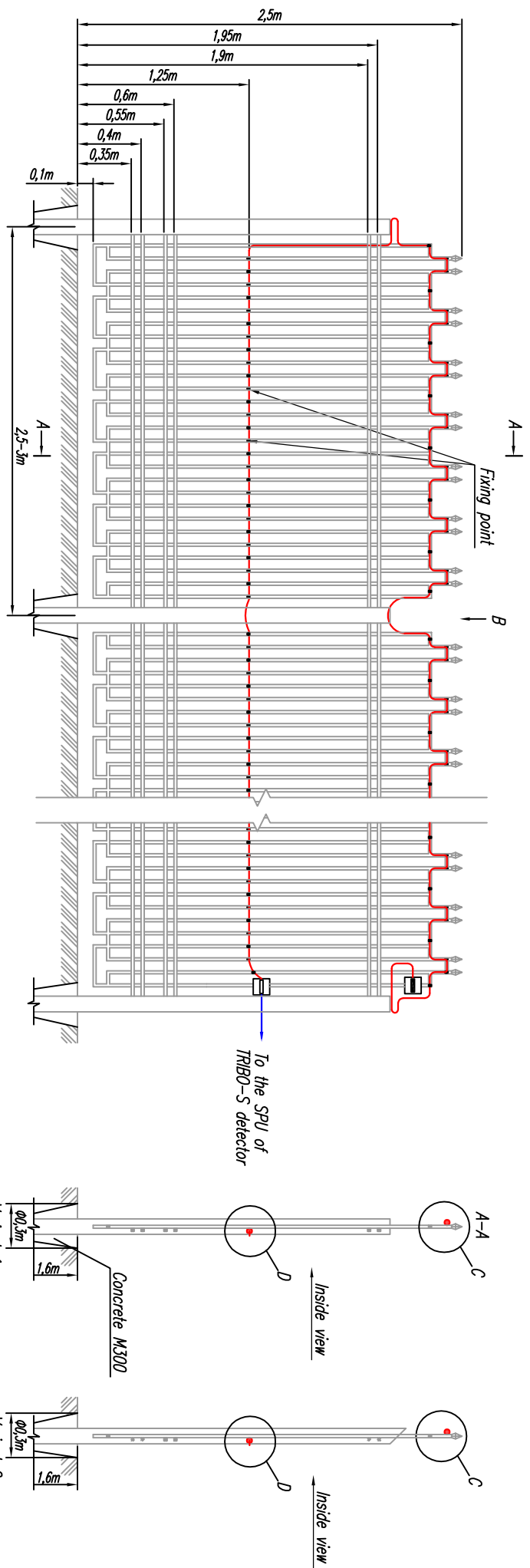


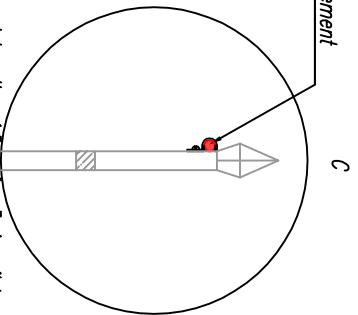
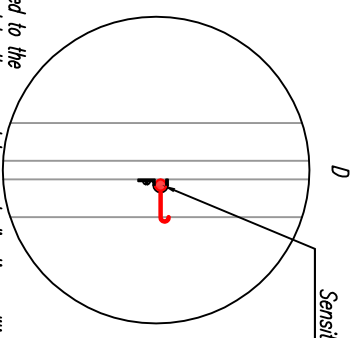
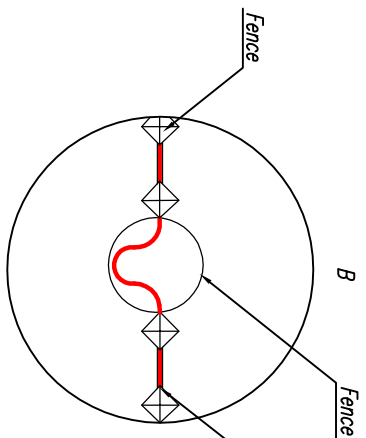
# SENSITIVE ELEMENT LAYOUT ON WROUGHT IRON FENCE



- Legend:**
- Sensitive element – SE-86 "TORIEZA"
  - Non-sensitive element – NON-SE "TORIEZA"
  - Sensitive element fixing point
  - ▬ Connection sleeve (CS)
  - ▬ End sleeve (ES)

**Installation of sensitive element of TRIBO-S triboelectric perimeter security detector:**

1. Max. SE-86 "TORIEZA" per one input of signal processing unit (SPU) security detector TRIBO-S – up to 300m.
2. The sensitive element SE-86 "TORIEZA" is to be laid in accordance with the draft layout.
3. The sensitive element SE-86 "TORIEZA" is fixed to the fence by plastic ties 140x3 mm, every 0.3-0.4 m. To make "fixing point" at the points of SE-86 binding to the fence, binding should be performed in such a way to obtain visible cable sheath deformation not leading to cable damage.
4. When laying the SE-86 over the supports, the SE-86 contact with the support should be avoided.
5. Connection and end sleeves should be mounted on a fence horizontally and higher than the SE-86 cable line.



- Note:**
1. Fence supports should be buried to the appropriate depth as conditioned by the ground type and climatic conditions, but not less than 1.5m of a 3-4m pitch.
  2. Sufficient tension of the SE-86 must be assured when laying the bottom SE-86 line.
  3. Variant 2 of fence support solution is recommended to complicate possible climbing attempts.

## Typical design solutions

	Sheet	N/Doc	Signature	Date	
Developed		Dementiev K			Album 1. Laying the sensitive element on different fence types
Checked					
Approved					Sensitive element layout on wrought iron fence

Stage	Sheet	Pages
PD	6	39