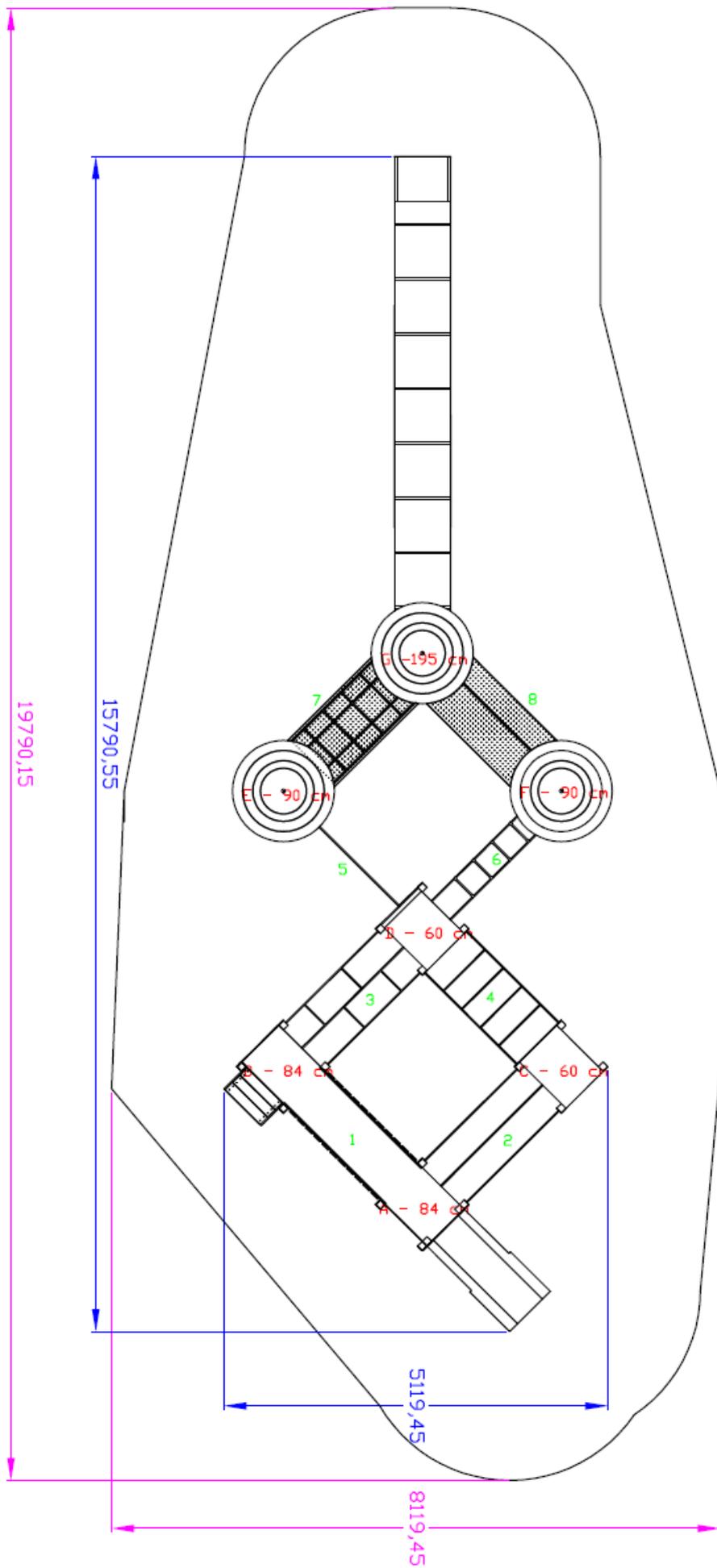


## 7500 ADVENTURE CASTLE (LANGHE)



From the collaboration among Nober's technicians and the realizers of adventure parks is born the Castle Ventures in "Langhe". It is an equipment studied expressly for the park "Sobrino" in Alba and it unites, with the scenographic passages to different ability degrees typical of adventure parks, some small towers of different heights that want to represent several hills of the Langhe (sweet passages with hills that can become also quite high). The mezzanine represents the perfect platform for an equipment that desires to be unique in the view of the playgrounds. To manage, with the representation to remember other two symbols of Alba's city, the wine and the truffle, we have inserted a tube slide (that reminds the traditional casks of Alba) and that goes down under the level of the plan (like the famous tubers that are underground). Furthermore we wanted to think up, for the really first time in the view of the playgrounds, an equipment that, nevertheless exceeding the metre of height of the plan of the small towers (the small tower with the tube slide has a footboard 195 cm. height from the ground, that become 400 if we consider the low plan - arrival of the tube slide) could respect the European Standard (EN1176 and EN1177) with simple ground or grass like material for anti-shock flooring. To do this we have completely close the small tower and his two accesses making us of the nets used in the adventure parks. The materials are those traditionally used in the aluminium line Nober: the structural part is realized by uprights section cm. 9x9 in league of aluminium thickness 3 mm, the trampling floors are in zinced ashlar-work steel, the polyethylene panels, the ropes in polyamided rope diam. 16mm with soul to 6 steel strands.



# MATERIALS



STRUCTURAL POLES in league of aluminium sec. 90x90 mm and thickness 3 mm, with rounded corners to guarantee high-security to users, and provided of caps in polyethylene PE-HD dyed, high density fully Recyclable.

TREATMENT: washing with cleaning and chromating process, following painting with polyester dust according to Standard EN 71-p3 with electrostatic process at 200°C to obtain the polymerisation of the covering with 90 micron of thickness.

FLOORS AND WALKWAYS realized entirely in zinc steel thickness 3 mm with ashlar-work anti-slip.



PANELS realized in polyethylene thickness 19 mm shaped with decorative incisions, available in the following colors yellow – blue – red-orange UV stable.

Standard dimensions: L=700 mm and variable heights from 790mm to 1290 mm.

Possibility to provide panels with personalized incisions and dimensions on request.

NETS and crossings in ROPE diameter 16 mm to 6 strands with soul in covered steel in polypropylene UV stable.

Available colors:

blue, red, green, black, yellow, beige



### **SMALL TOWER A – SMALL TOWER B PASSAGE 1**

They are small towers dimensions 88x88 cm without the roof. Structure in aluminium sec. 9x9 with rounded corners, trampling plans in zinc and ashlar-worked steel. The bridge has lateral pluggings in polyethylene (these two small towers and the bridge are similar to the structure inserted last year in Tanaro Park, except for the roofs and that they are lower – they end with a baby slide).



**Particular of the platform and of the bridge with lateral panel**



**Baby slide**

### **SMALL TOWERS C, D**

They are small towers dimensions 88x88 cm without the roof. Aluminium structure sec. 9x9 with rounded corners, trampling plans piani di calpestio in zinc and ashlar-worked steel.

#### **PASSAGE 2**



### SMALL TOWERS E, F, G

The small towers F and G dimensions 88x88 cm while the G is pentagonal with side form 120 cm long.

They have a characteristic roof in rotational polyethylene that makes them really catchy.



Characteristic roof on the small aluminium towers

### PHILOSOPHY FOR ROPE PATHS

Together with the society Global Mountain s.n.c., expert in the sector adventure parks having realized in the recent past a lot of activities (between which Adventure Park near Sports Center Fantino in Limone Piemonte, Adventure Park “Grandis” in Borgo San Dalmazzo –**particularly interesting because dedicated to children**, Adventure Park in Ostana, Adventure Park “Caudano” in Frabosa Sottana, Hiking Trail of Funs in Entracque, Hiking Trail of Camoglieres in Macra, Hiking trail of the Artists in Magliolo), we have designed adventure trails that accord to the Standard of game equipments for public use.

An adventure park is normally made up of small squares and paths (those here called passages). These paths are composed by various “tarzaning” activities, which are brave passages, emotional footbridges and by other nice expedients and sporting suitable for pass from one square to the next one up to end the path to be made. In our case the squares have become small towers and the attention to a public of children and guys have direct to heights appropriate to guarantee his availability for this kind of use. A safety net will wrap the high whole path (the two final paths) so as to prevent the fall of small athletes, avoiding unpleasant accidents, as well as allow the management of the park in efficiency conditions and economy for the city council (with these foresight are no needed instructors and harness).

Here’s some photos that show from where is born our reasoning:

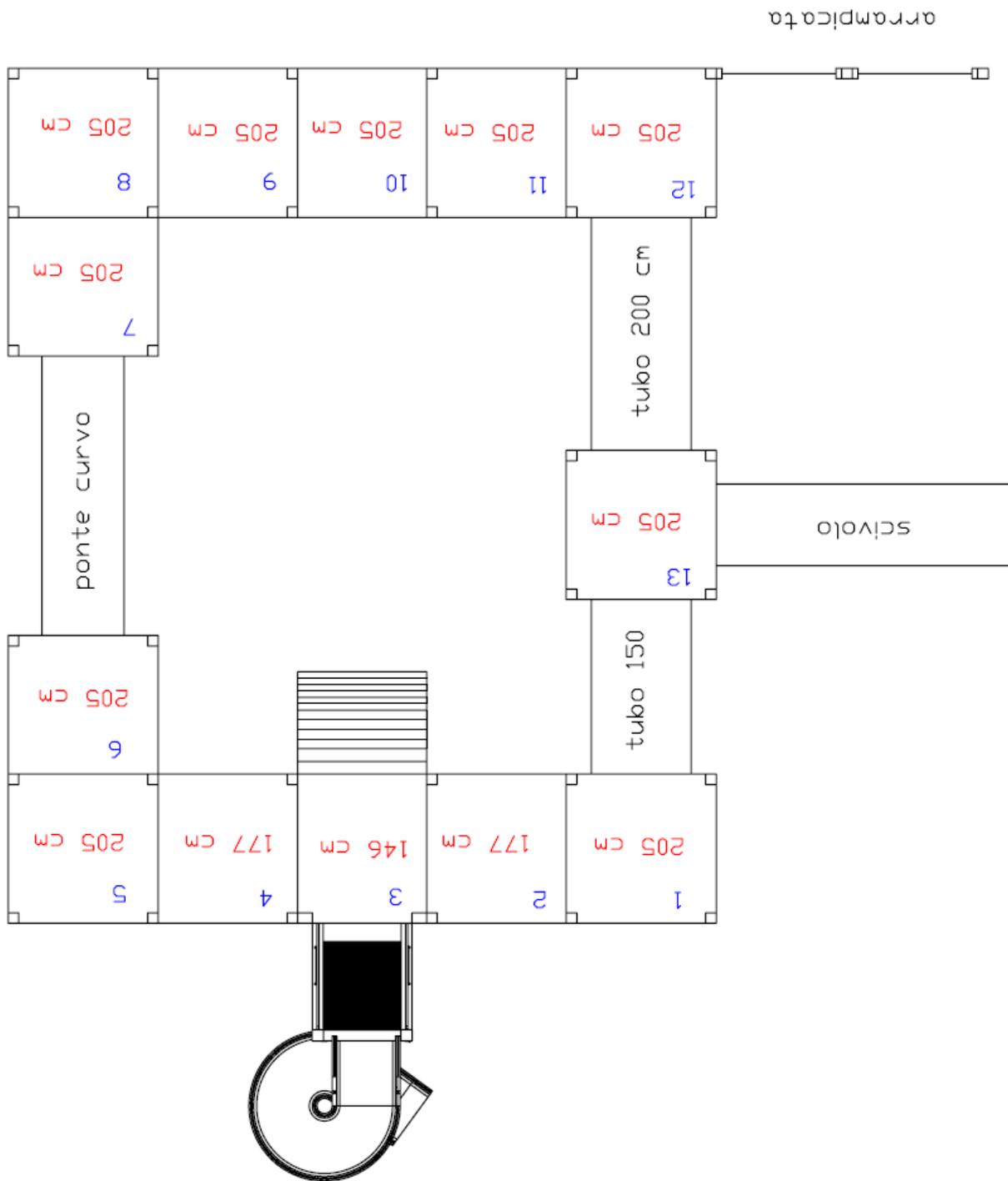




ALBA PARK PROJECT  
Existing situation



Castle of Sobrino Park today



### Existing castle plan (950 cmx900 cm)

The existing castle is very nice but it's too old now. For this project we have thought to exploit the small hill with a tube slide that can reach the ground. To make it possible we have extended the structure from the actual 900 cm (that already saturate the high area) to 1580 cm.

We have then developed an ideal path along the length (holding compared to the existing, even if non much more because the 950 cm include the 230 cm of the spiral slide).

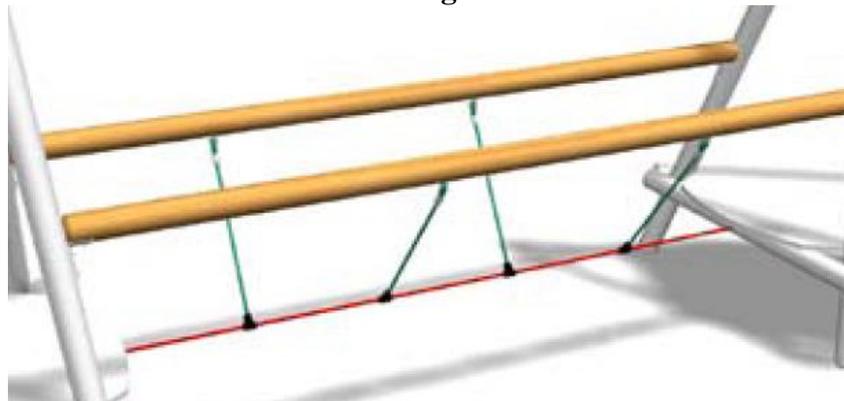
Non wanting to use the wood (to guarantee minimal maintenance) we have had to study paths that use handrails and rope linkages.



Here's some passages (with the number of the plan):



**Passage 2**



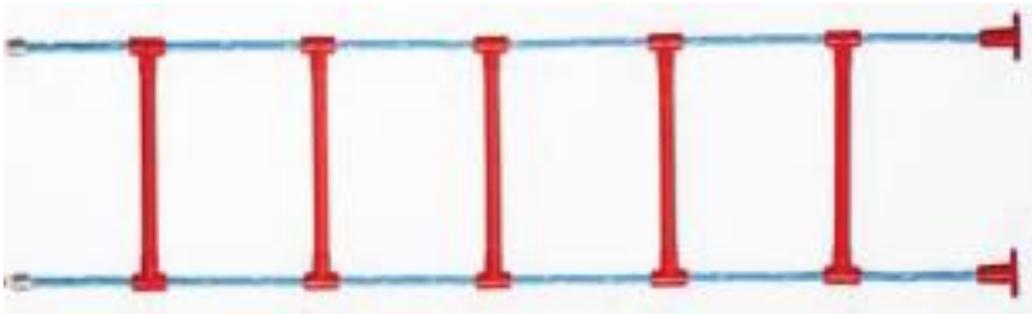
**Passage 3**



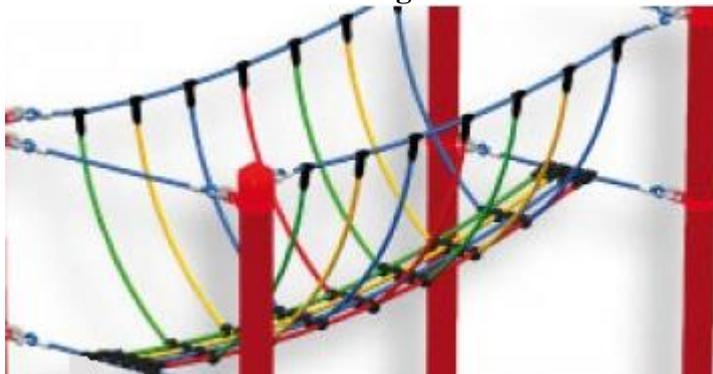
**Passage 4**



**Passage 5**



**Passage 6**



**Passage 7**



**Passage 8**

To secure the final two passages (particularly n.8 that presents a rope of climbing that cross the passage) we use the rope cited above.

Here's where in where will pass our passages:



**FINAL TUBE**

It's certainly one of the most funny and spectacular elements (long almost 8 m – realized for small towers with trampling plan to 4 m of height)

