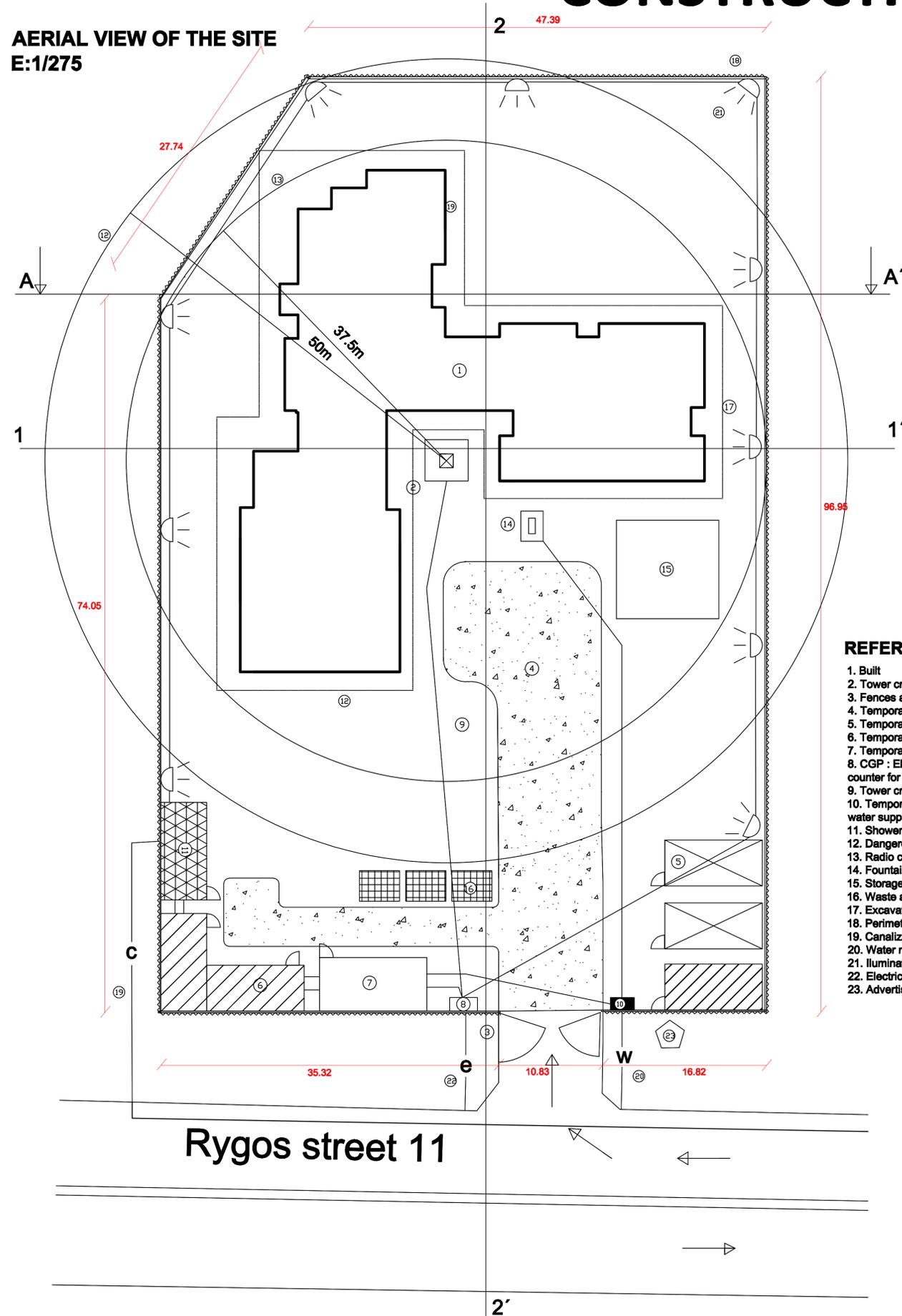


CONSTRUCTION MASTERPLAN

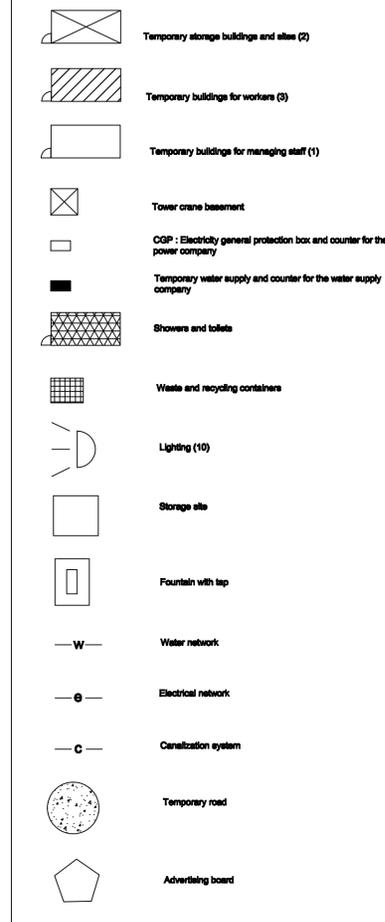
AERIAL VIEW OF THE SITE
E:1/275



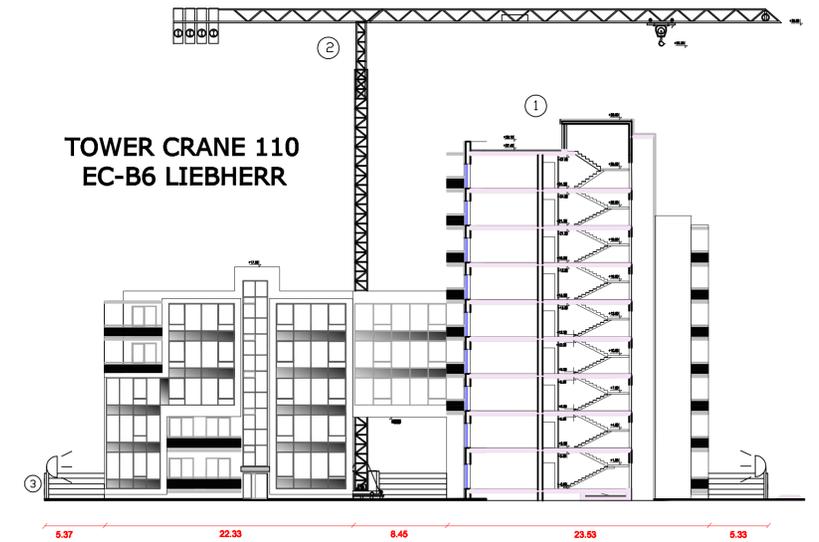
REFERENCES

1. Built
2. Tower crane 110 EC-B6 LIEBHERR
3. Fences and Gate
4. Temporary road
5. Temporary storage buildings (3)
6. Temporary buildings for workers (2)
7. Temporary buildings for managing staff (1)
8. CGP : Electricity general protection box and counter for the power company
9. Tower crane power supply
10. Temporary water supply and counter for the water supply company
11. Showers and toilets
12. Dangerous zone
13. Radio crane arm
14. Fountain wit tap
15. Storage site (8 x 8 m)
16. Waste and recycling Containers
17. Excavation perimeter
18. Perimeter of the site
19. Canalization
20. Water network
21. Illumination
22. Electrical network
23. Advertising board

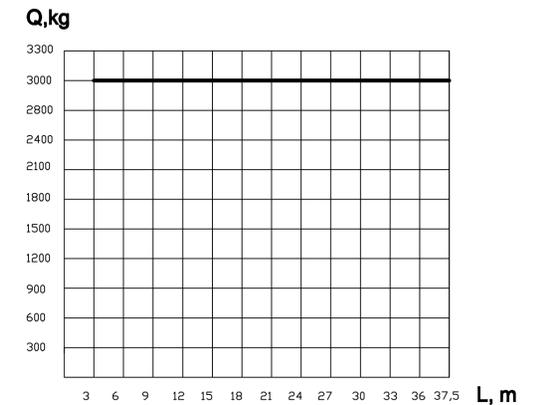
REFERENCES



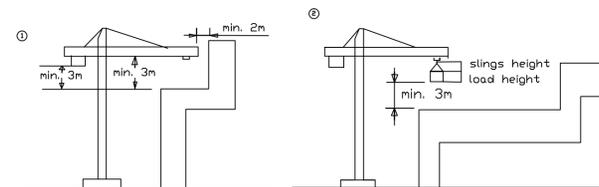
SECTION A-A' E: 1/275



LOAD DIAGRAM CRANE



SECURITY ZONES FOR THE TOWER CRANE



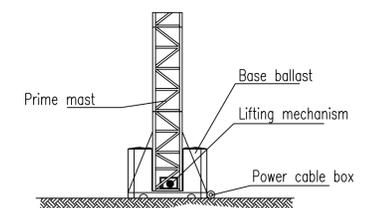
- 1 Must be at least 2m. between the arm crane edge, and any construction in horizontal, and at least 3m, between the load object or hook and any construction in vertical.
- 2



3 The minimum clearance for the passage of personnel, among the most prominent parts of the crane and any obstacle is 0.60 m wide and 2.50 m high. In case of failure application of this condition will prohibit the access of staff to this dangerous area.

4 'At no time any part of the crane and its suspended loads, can enter contact with power lines. If these lines are high voltage power should exist between these lines and these items a safe space of 5 m, as minimum, measured in horizontal projection

DETAILED TOWER CRANE BASEMENT E: 1/250



Role	Name and surname	Signature	Date
Student	Vytautas Čerėnas		-2011
Supervisor	Jonas Šepurnas		-2011
Consultant	Renigūnas Šala		-2011
Head of Department	Edmundas Kazlauskas		-2011
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VILNIUS GEDIMINAS TECHNICAL UNIVERSITY			
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