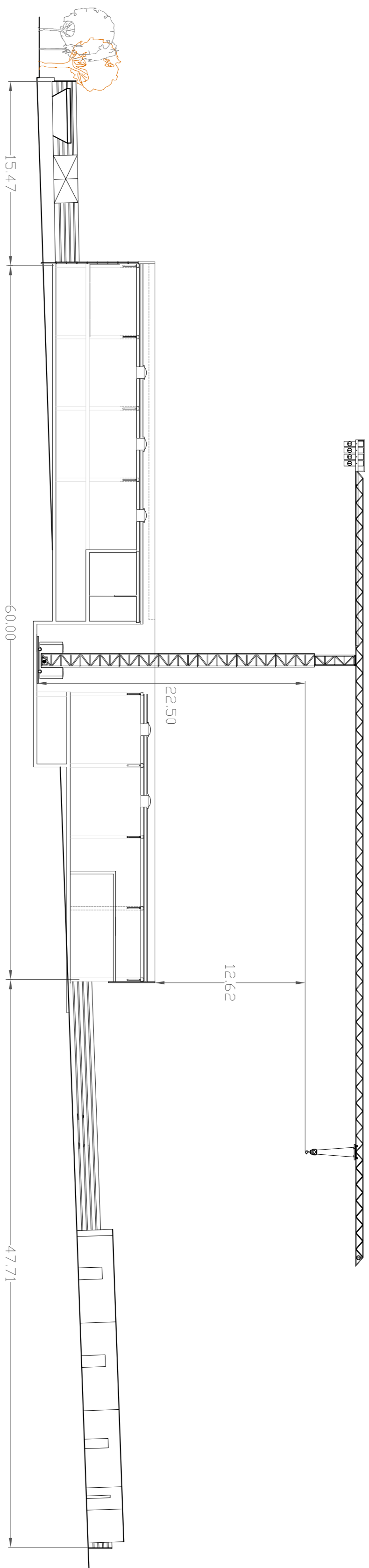
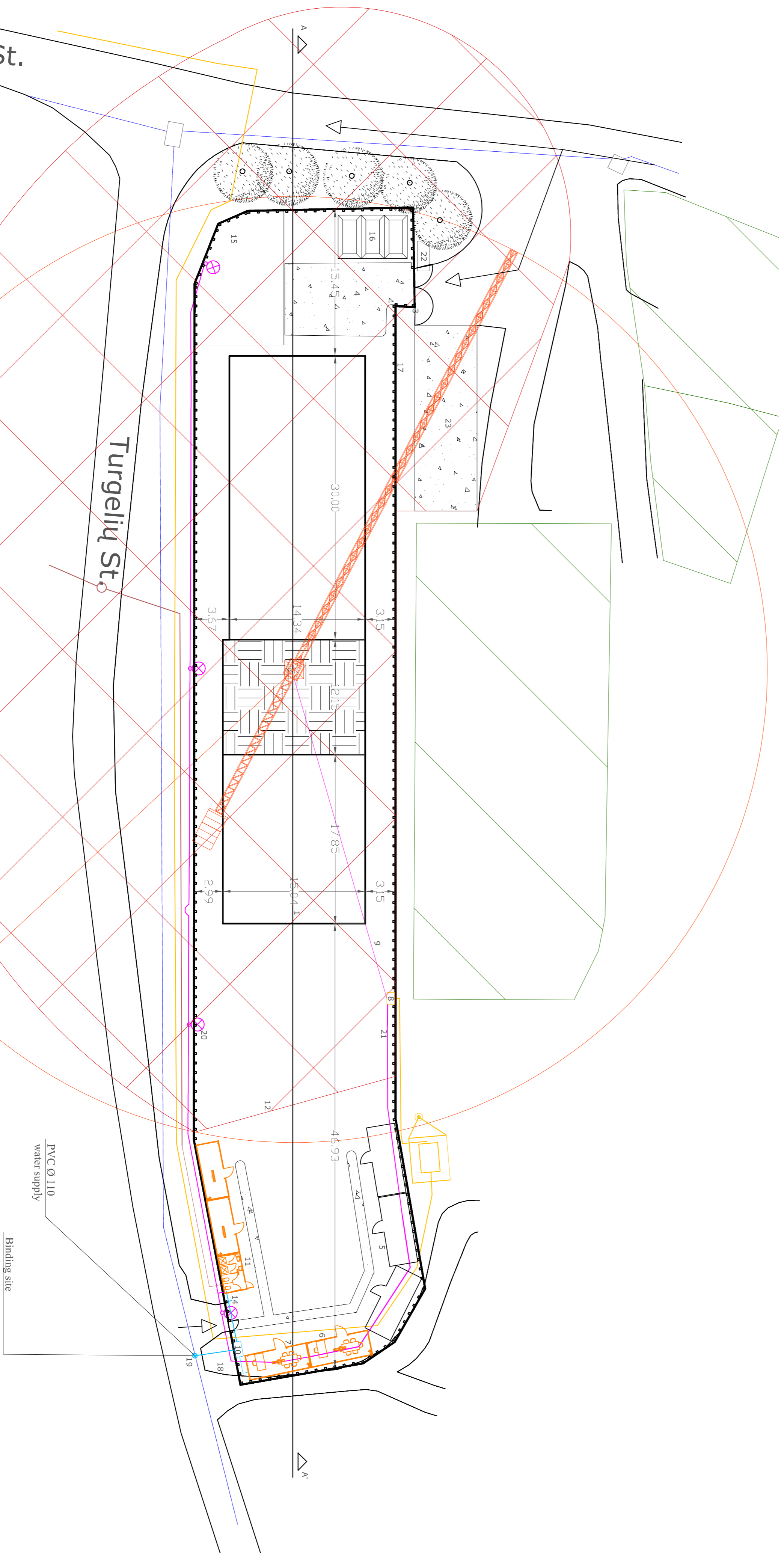


# CONSTRUCTION MASTERPLAN

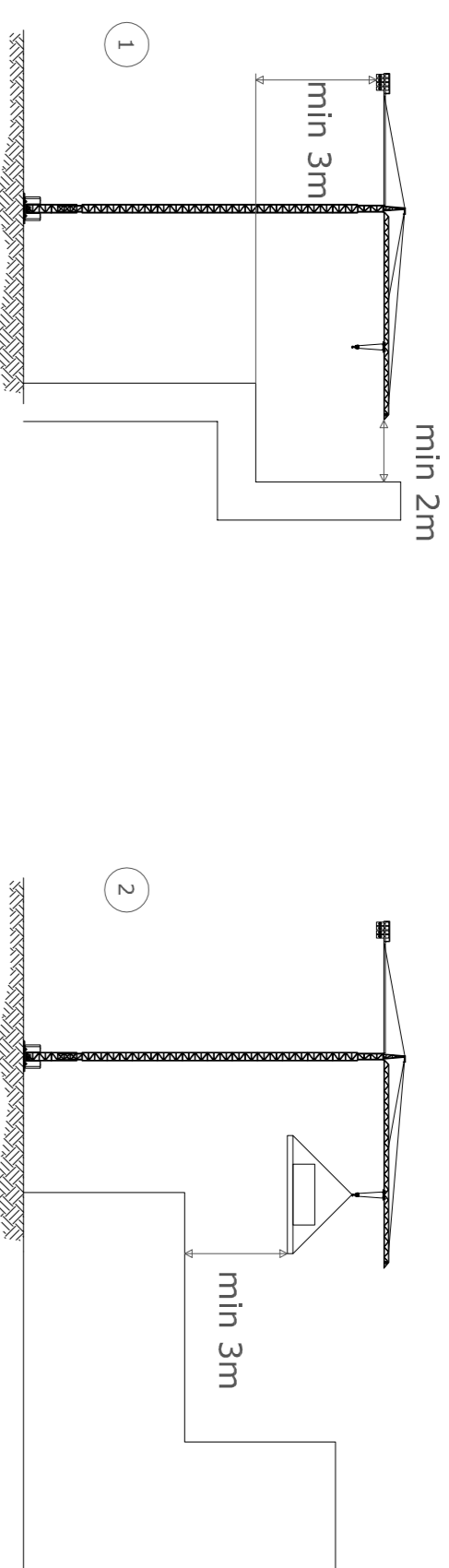
SECTION A-A' S:1/300



AERIAL VIEW OF THE SITE S:1/300

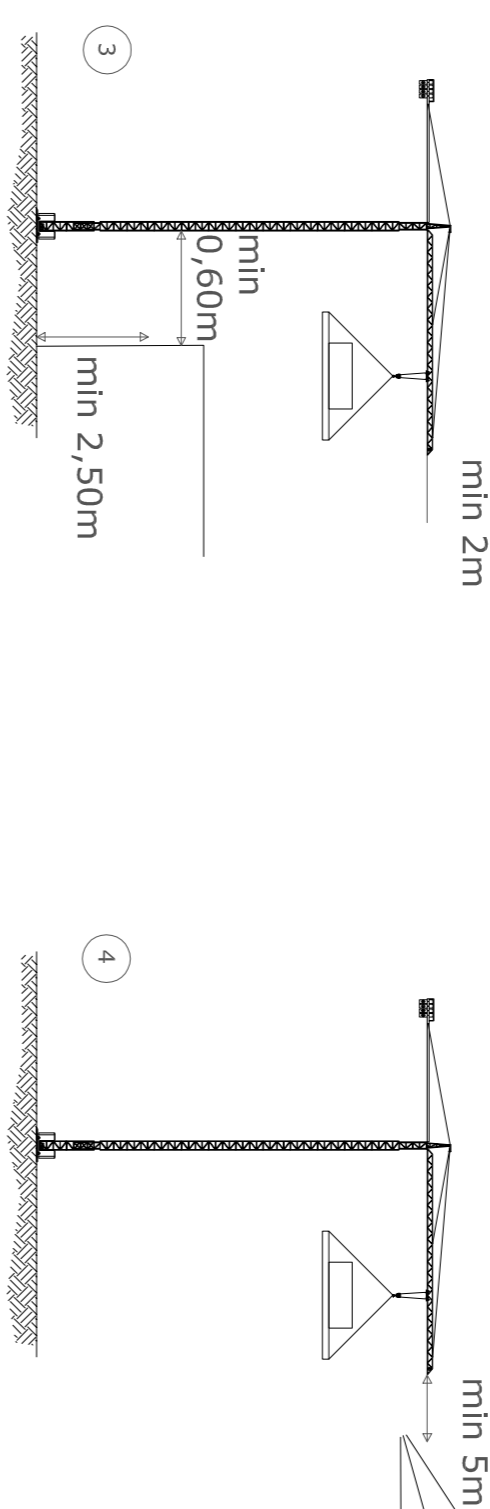


# SECURITY ZONES FOR THE TOWER CRANE



Must be at least 2m the minimum clearance between the arm crane edge, and any construction in horizontal







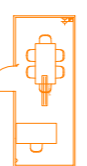
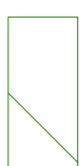
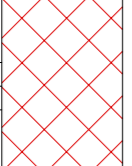
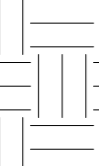
Must be at least 3m the minimum clearance between the load object or hook and any contraction in vertical.



The minimum clearance for the passage of personnel among the most prominent parts of the crane and an obstacle is 0,60m wide and 2,50m in high. In case of failure application of this condition will prohibit the access of staff to this dangerous area.

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 safety space of 5m, as minimum, measured in horizontal projection.

TOWER CRANE BASEMENT DETAIL  
S:1/100

LEGEND	
	DOMESTIC WASTEWATER NETWORK
	CURRENT V1 NETWORK WATER SUPPLY
	THE PROJECTED WATER SUPPLY NETWORK
	DEVELOPS ELECTRIC CABLE TO 11KV
	THE PROJECTED FENCE WITH OUTDOOR LIGHTING FIXTURES
	FENCE
	OUTDOOR ELECTRICITY
	TEMPORARY ROAD
	TOWER CRANE
	TEMPORARY STORAGE BUILDING
	TEMPORARY ROOM FOR WORKERS
	CHANGING ROOMS FOR WORKERS
	EXISTING BUILDING TO CONSIDER
	BATHROOM FOR WORKERS
	DANGEROUS ZONE
	BUILDING UNDER CONSTRUCTION

## REFERENCES

1. Built
2. Tower crane 110 EC-B6 LIEBHERR
3. Fences and Gate
4. Temporary road
5. Temporary storage buildings
6. Temporary buildings for workers
7. Temporary buildings for managing staff
8. CCP: 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 with tap
15. Storage site
16. Waste and recycling containers
17. Perimeter of the site
18. Canalization
19. Water network
20. Illumination
21. Electrical network
22. Advertising board
23. Waiting area for trucks or large trucks are

VILNUS GEDIMINAS TECHNICAL UNIVERSITY			
Name and surname	Signature	Date	
Student Francisco Marco Lopez			Automobilų prekybos salono Turpelių g. 1 Vilniaus miesto projektavimas Construction planning of the car shopping center at Turpelių str. 1 in Vilnius
Supervisor Jonas Šaparnauskas			
Consultant			
Head of Department Edmundas Kozmašius			Department of Construction Technology and Management
Reviewer			Page 4/7
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