

PROJECT **PROPOSAL**

the Stara Rescue Centre and Special School

CLIENT

Stara Rescue Center and Special School

CONSULTANTS



architecture. urbanism. research. interior design

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Location Plan



RELOCATION ACTION PLAN IN MUKURU AND KIBERA

KM.537.150-539.900
CONTRACT D

LOCATION PLAN

KEY:	
	Stara School site
	Railway
	Stara School site to undertake
	Stara School Buildings

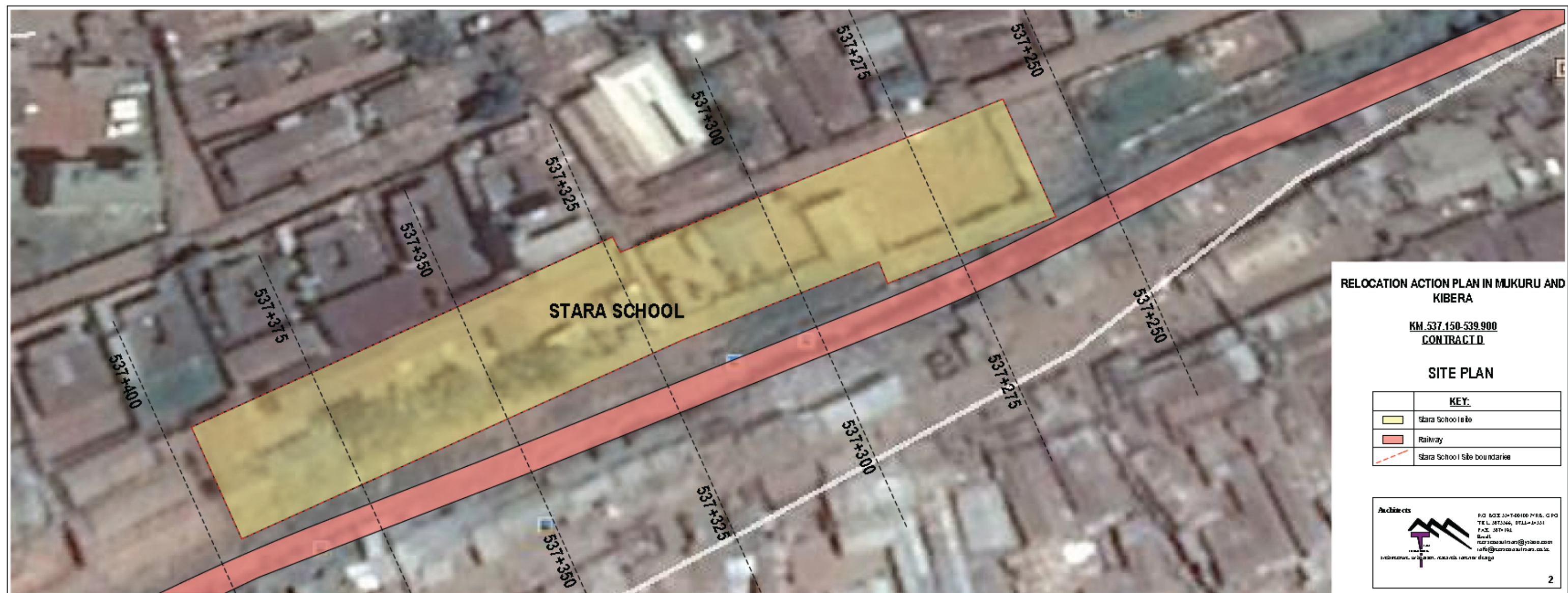
Architects



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Site Plan

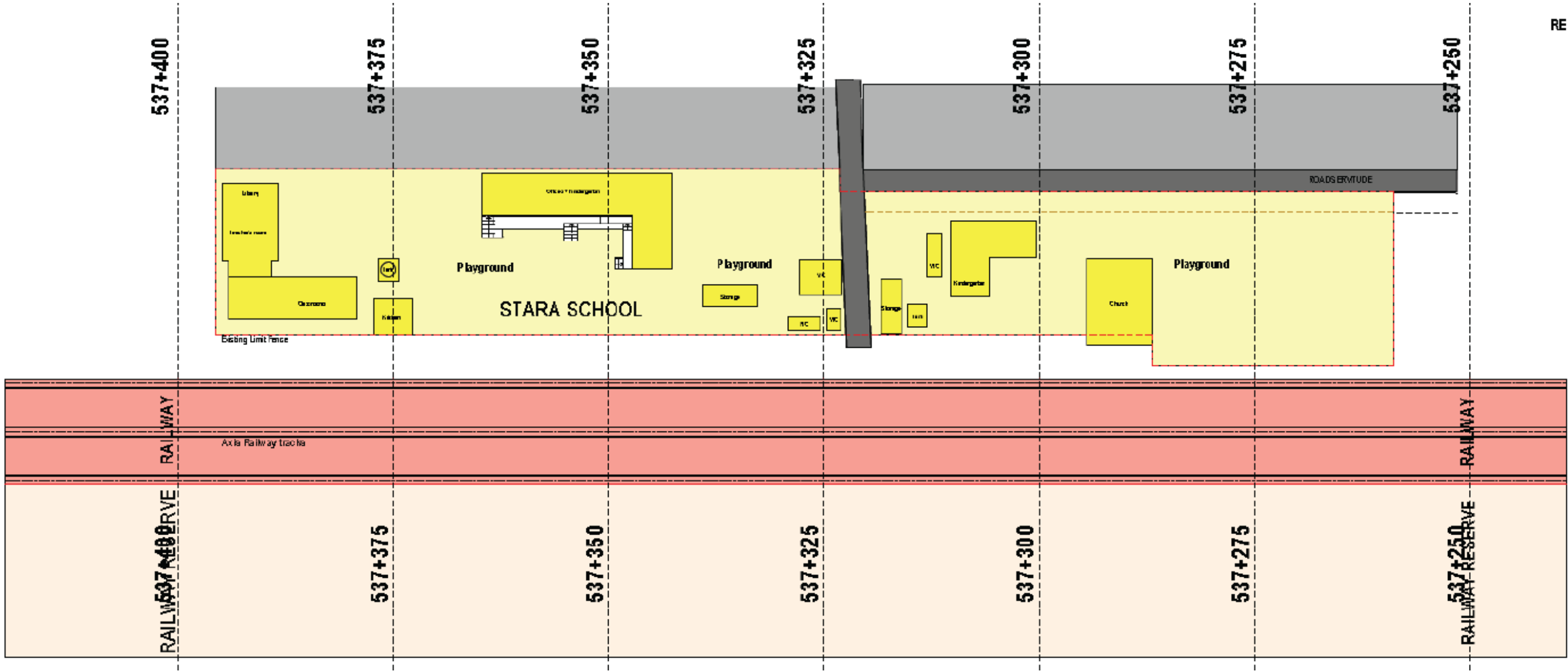


RELOCATION ACTION PLAN IN NUKURU AND KIBERA

KM 537.150-539.900
CONTRACT D

EXISTING SITUATION

	KEY:
	Buildings
	Roads
	Proposed new or reconstructed buildings
	Railway
	Starra School Site boundaries



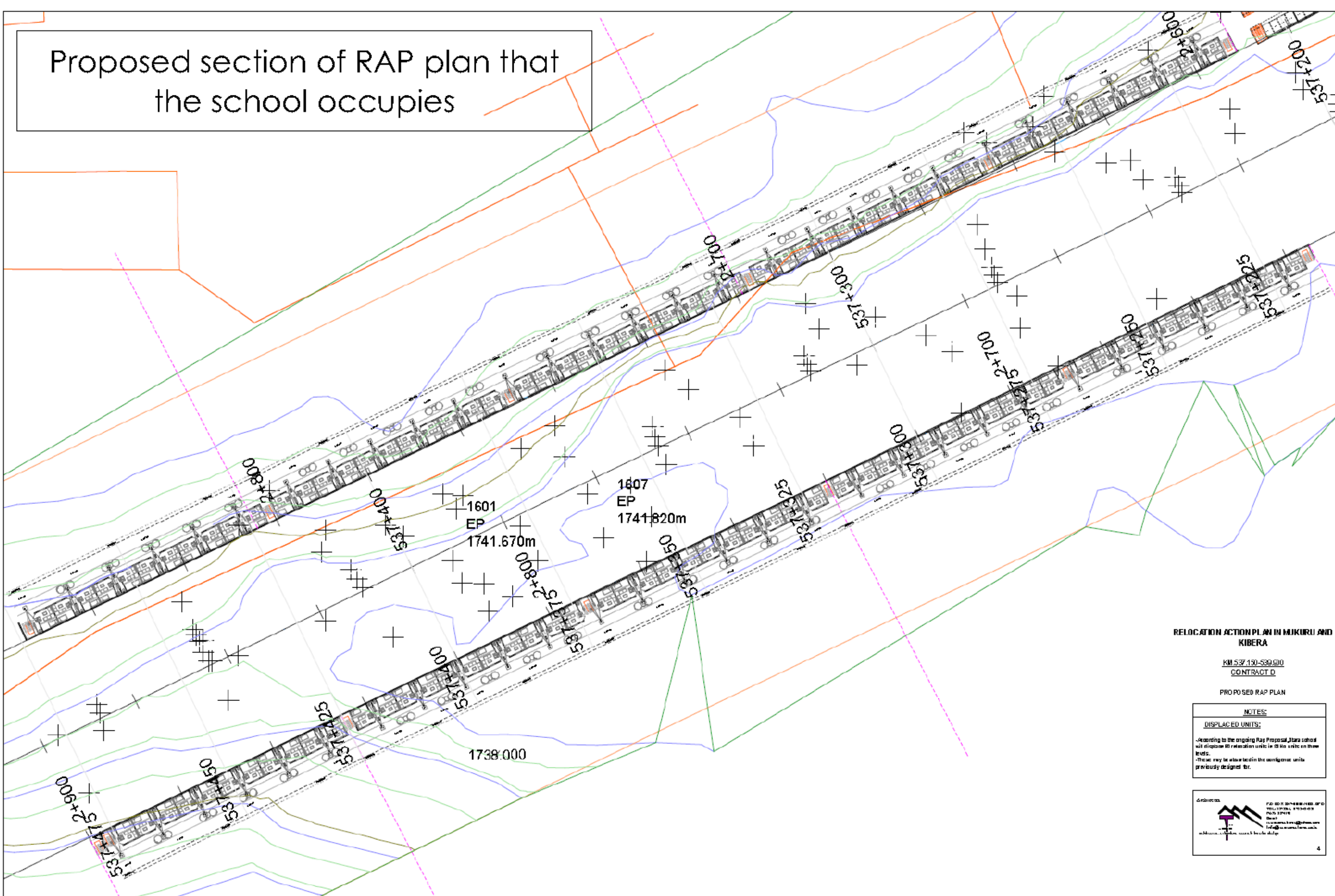
Architects



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Existing situation of project

Proposed section of RAP plan that
the school occupies



RELOCATION ACTION PLAN IN MUKURU AND KIBERA

KM 537.150-539.900
CONTRACT D

PROPOSED RAP PLAN

NOTES

DISPLACED UNITS:

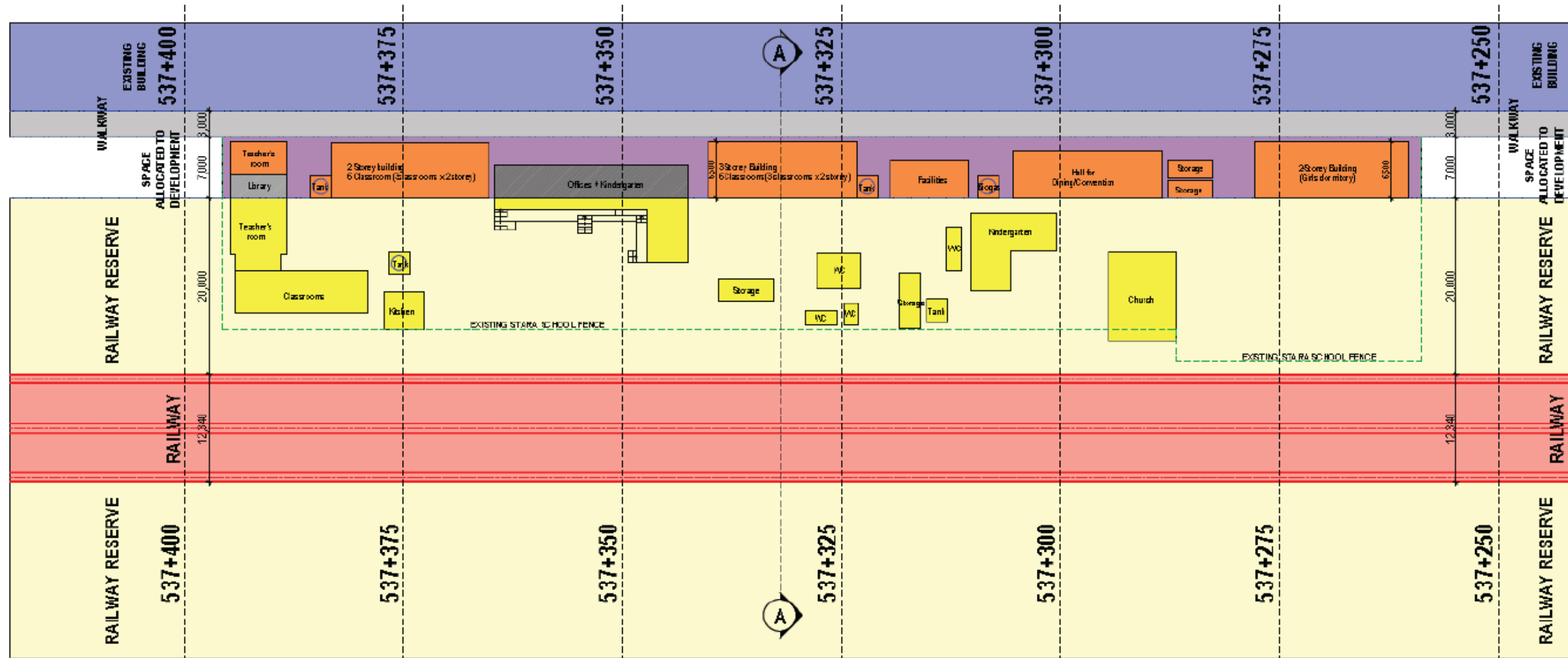
-According to the ongoing Rap Proposal, Jara school
will displace 80 relocation units in 28 No units on these
levels.
-These may be also be in the original units
previously designed for.

Drawn by: 
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KEY:	
	To be demolished
	Existing construction to be reserved
	Proposed new construction/buildings
	Railway
	Railway Reserve
	Space allocated to development
	Footpath
	Existing Buildings

NOTES:

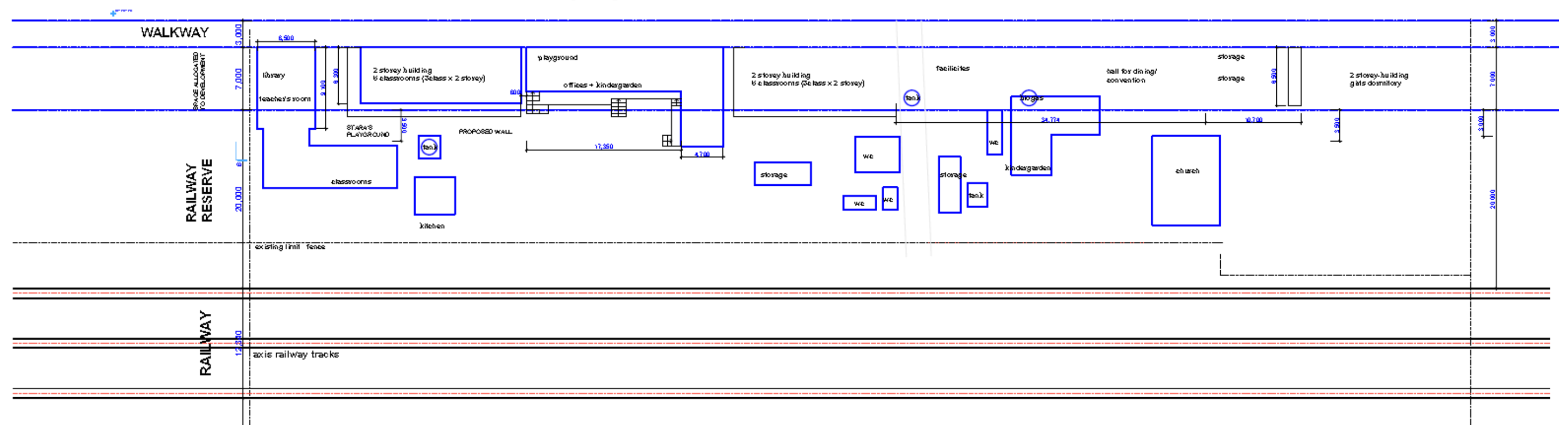
- Preferably the ground floor for some buildings should not be built up to allow for playing space for children.
- Existing building designated for preservation but lie in the Railway reserve can be partly demolished and an extension built next to it in available space.
- Careful Landscaping can be done in available space for development to soften the shape of the area.
- Blocks like the office and kindergarten whose length is more than 20m can be reduced to allow more open space for proper lighting and ventilation of a space.
- Positioning of water tanks can be next to relatively large building to allow for water catchment in a fairly affordable way.
- Displacement of 98 relocation units is 30 to 40 units on three levels. These may be a two bed, in two or three units.



EXISTING
BUILDINGS

existing building

existing buildings

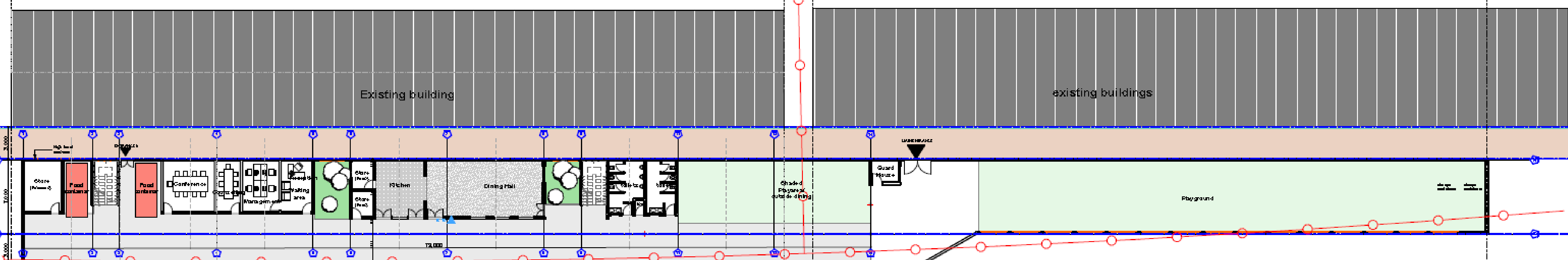


Proposed SITE PLAN for STARA
SCHOOL

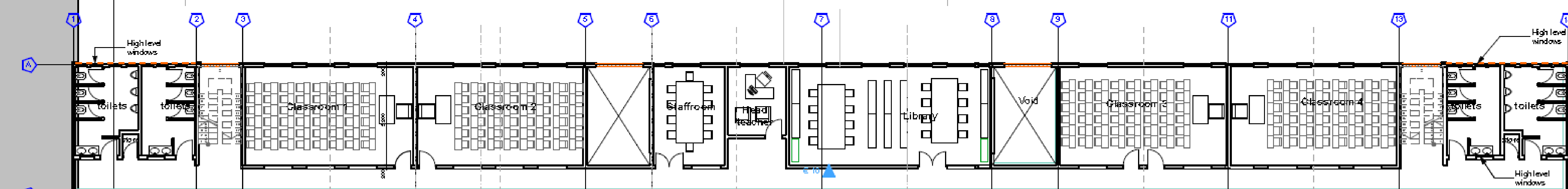


PROPOSAL **A**

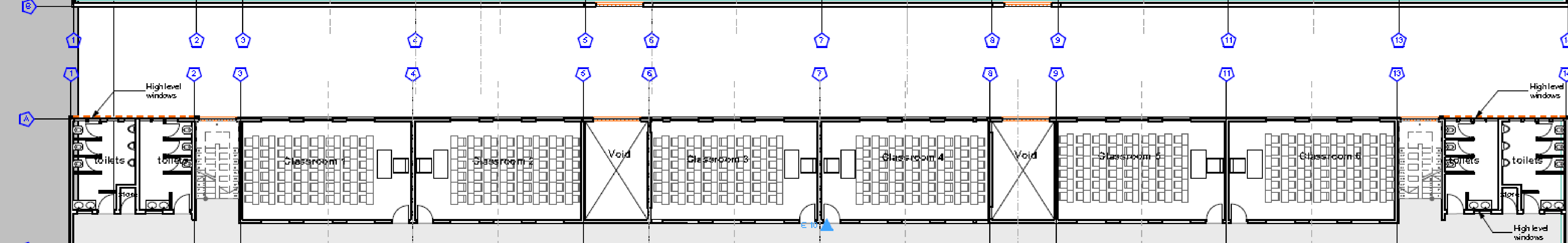
FRONT ELEVATION FACING THE RAILWAY CORRIDOR



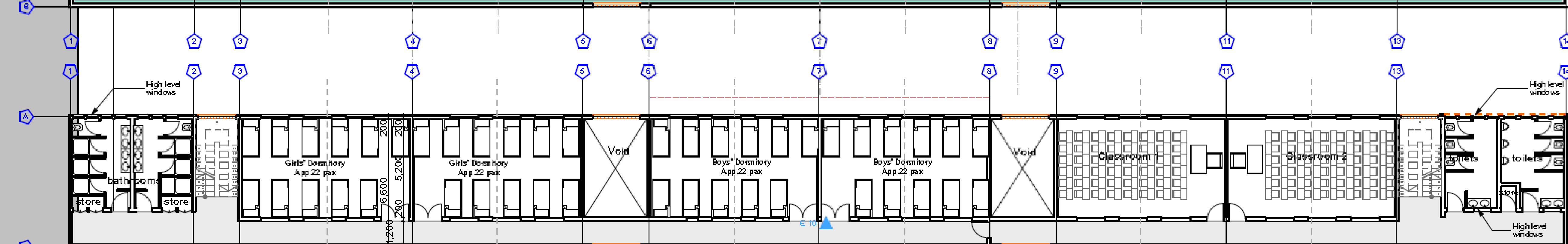
GROUND FLOOR
PLAN



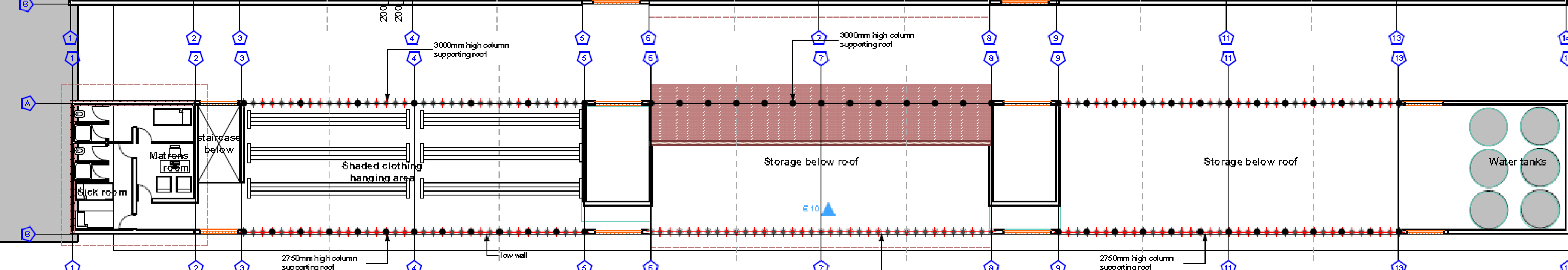
FIRST
FLOOR



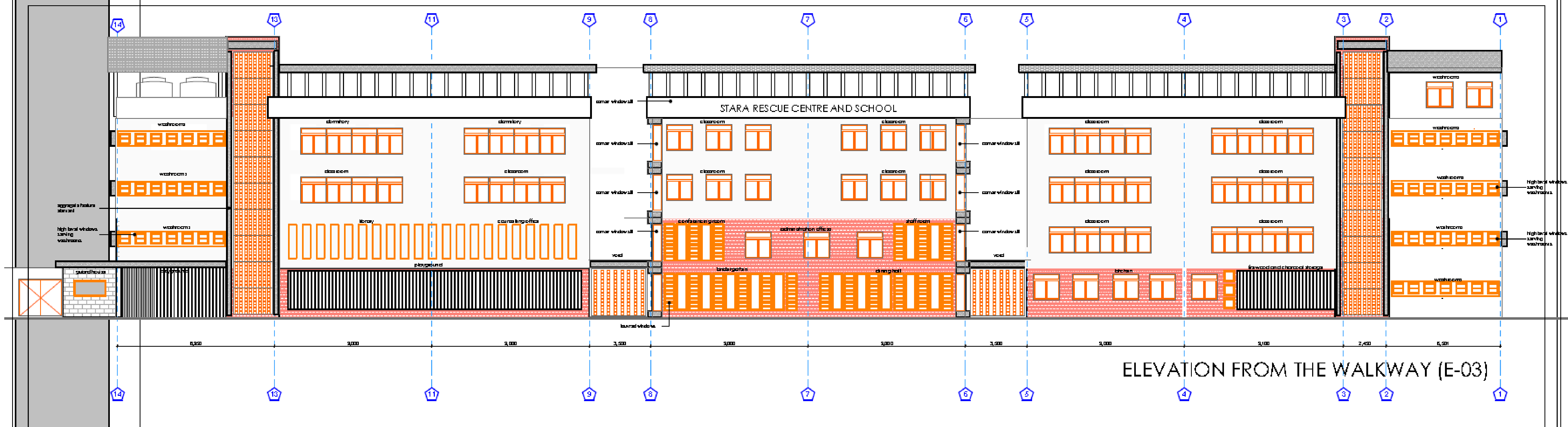
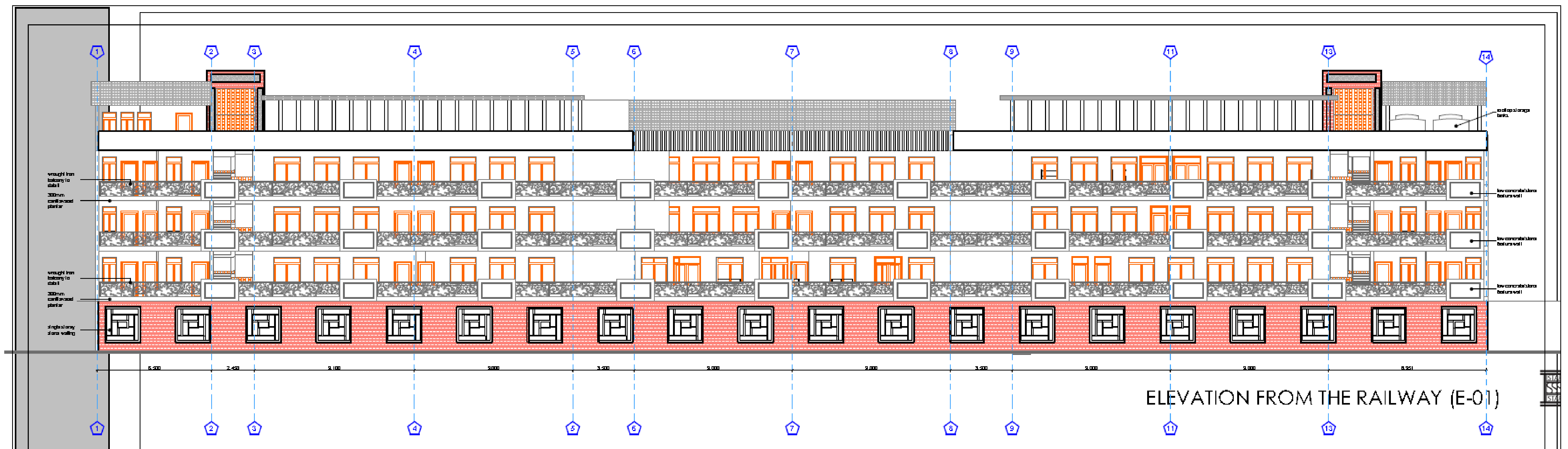
SECOND
FLOOR



THIRD
FLOOR



ROOF PLAN







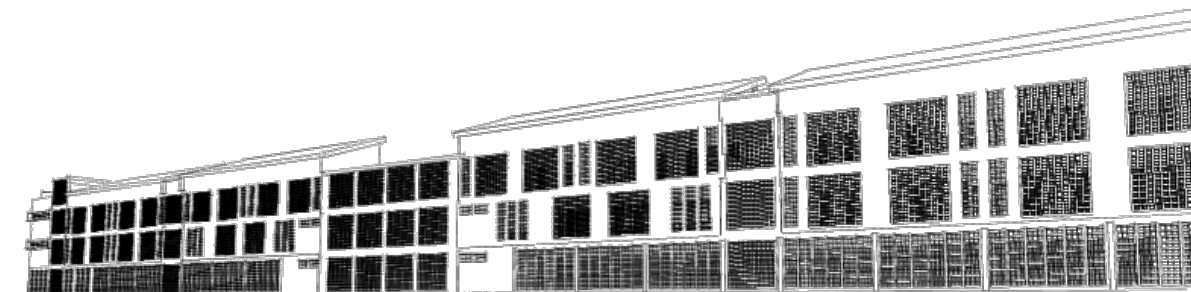


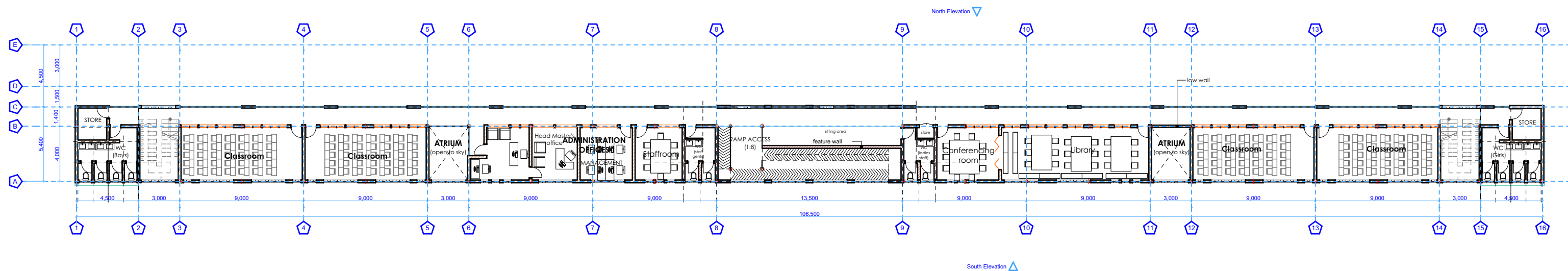
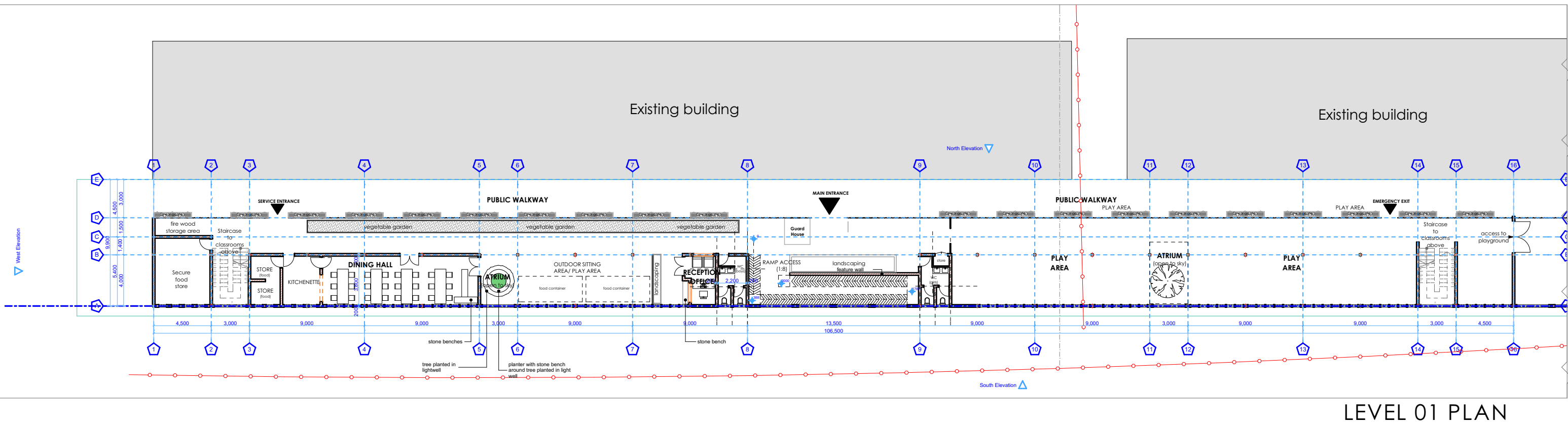
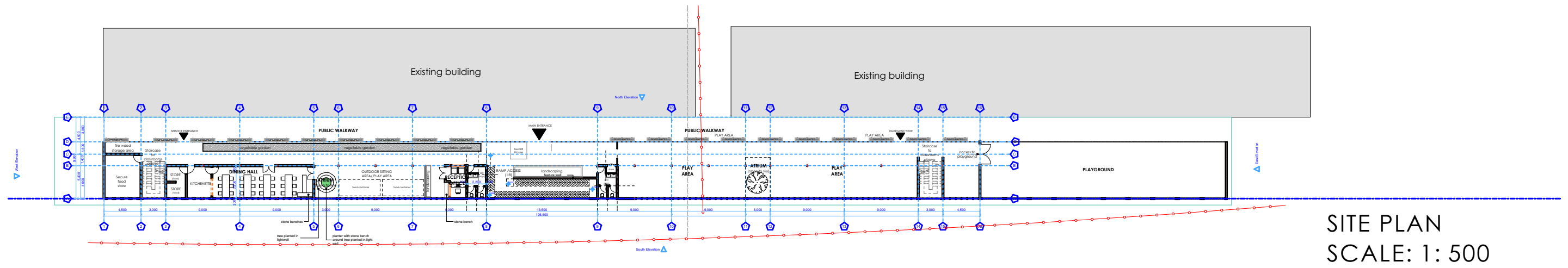


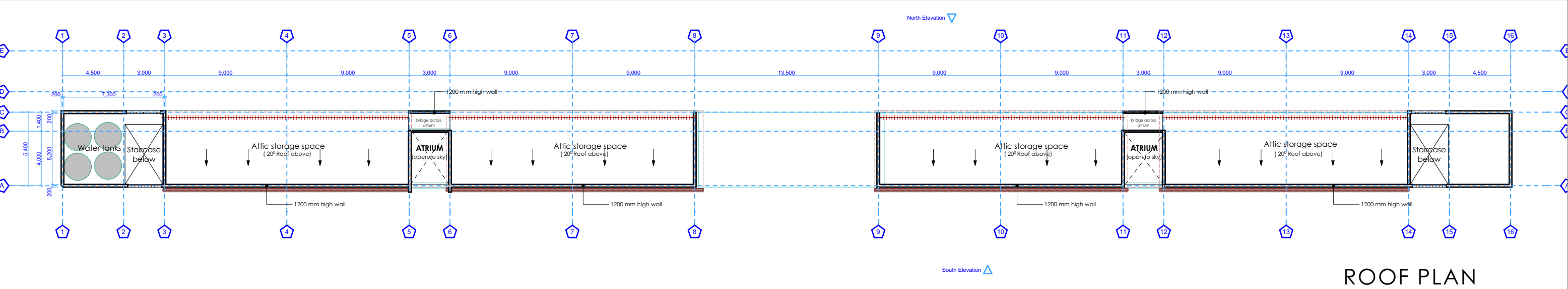
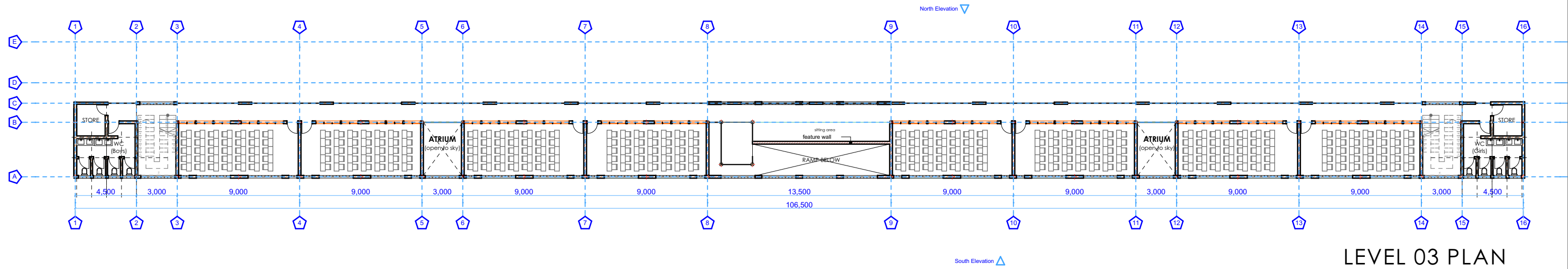
PROPOSAL B



BACK ELEVATION FACING THE RAILWAY CORRIDOR















PROPOSAL **A** **VS** PROPOSAL **B**

CHANGE IN ORIENTATION

- **Problem:** It was noted that facing the 3metre public walkway would affect the learning process due to the high noise levels from this side.
- **Proposed solution:** There was a proposal to have the front elevation of the special school face the Railway corridor. Security issues that arise from facing this side would be managed by construction of a vented, secure perimeter stone wall.

INTRODUCTION OF LIGHT WELLS

- **Problem:** Classrooms require plenty of light and ventilation and having no windows facing the railway corridor created dark learning spaces.
- **Proposed solution:** Spaces open to the sky (atriums) could be introduced after every several units to serve as light wells and provide additional ventilation

FREE THE GROUND FLOOR

- **Problem:** It was noted that the lighting levels on the ground floor level were very low due to the neighbouring building towers which cast a dark shadow to the institution.
- **Proposed solution:** Classrooms would be located on the upper storeys leaving the ground floor for these functions: storage spaces, kitchen and dining hall, reception and play space for the children.

SPACE FOR PLAY

- **Problem:** The plot had limited space for play by the special school going children.

The provision of a ramp would also take up a lot of space that was already limited.

- **Proposed solution:** There was request to move the site boundary from 537+250 to 537+150. This additional space would not be used for development purposes but solely as a playground for the children attending the STARA Rescue Centre and Special School.

ADDITIONAL STOREY LEVEL

- **Problem:** Seeing as the ground floor level would be free of classrooms and the light wells did not count as units there was need to go up another level to reach the target 30 units allocated to the project.
- **Proposed Solution:** Introduction of an additional level to meet the classroom requirements and for future introduction of dormitories. It would further assist the role of STARA Rescue Centre and Special School in rescuing and empowering the girl child.

ADDITIONAL 3M OF RAILWAY RESERVE

- **Problem:** It was pointed out that the space on the ground floor level was too small to handle the pupil population especially during congregation of the entire school before and/or after class.
- **Proposed Solution:** A proposal was made to move the boundary wall by a further 3m of the railway reserve along a sewer line passing near the special school. It was pointed out that no built forms would be developed on the additional slice but would primarily be used for outdoor activities by the special school and its pupils.



THANK YOU