

PROJECT DESCRIPTION STATEMENT

November 2025

Project Description

Introduction

The project consists of the construction of a new 15m x 15m concrete helipad to replace the existing smaller helipad located within Mosta Fort, Mosta. The existing helipad was constructed to cater for the first helicopters employed by the Armed Forces of Malta (AFM) which fell within the light category. The AFM now requires that a new, larger, helipad is installed to cater for the current (medium category) and possibly larger-sized helicopters.

Physical Characteristics

The existing helipad consists of a concrete ground slab cast on the existing ground material. This will be broken down and all excess material will be removed from the site and thrown away into an approved dumping site.

The proposed helipad will be 15m x 15m and will be in the same location as the existing helipad. In addition to the helipad a passageway will be constructed from the helipad to the asphalted road without any steps. This is intended to be used to carry any material, personnel, equipment, etc to and from the helipad. Due to the nature of the existing ground material the helipad and passageway will be constructed on reinforced concrete stilts so that only small parts of the ground shall be disturbed.

Phasing of the project will be as follows;

1. Demolition of existing helipad and removal of material
2. Site preparation and marking of stilt positions
3. Excavation and Foundation works for the stilts
4. Casting of the helipad reinforced concrete platform
5. Construction of the access passage
6. Preparation of electrical components
7. Surface finishing and Marking

Material and tools brought on site shall be kept in a designated area within the Mosta Fort but shall not be placed on the natural garigue ground to avoid further disturbance. The excavation and any form of ground disturbance should be kept to a minimum.

Location of the project



Screenshot of PA site plan with proposed helipad and passageway marked with red outline.

The proposed helipad is to be built within the Fort's boundary, replacing the existing smaller landing area. The site is accessed through a private asphalted road connecting to Triq il-Fortizza tal-Mosta. The proposed helipad is located in the North-West side of the Mosta Fort which is in the middle of a garigue flat land.

Envisaged Operations and Ancillary Requirements

The helipad will be used for occasional helicopter landings, primarily for AFM business or emergency operations. The operational process consists of the aircraft's approach and landing, temporary on-site positioning and loading/unloading and take-off and departure.

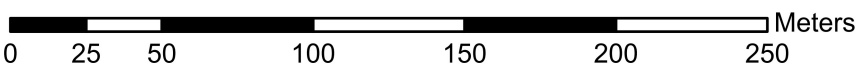
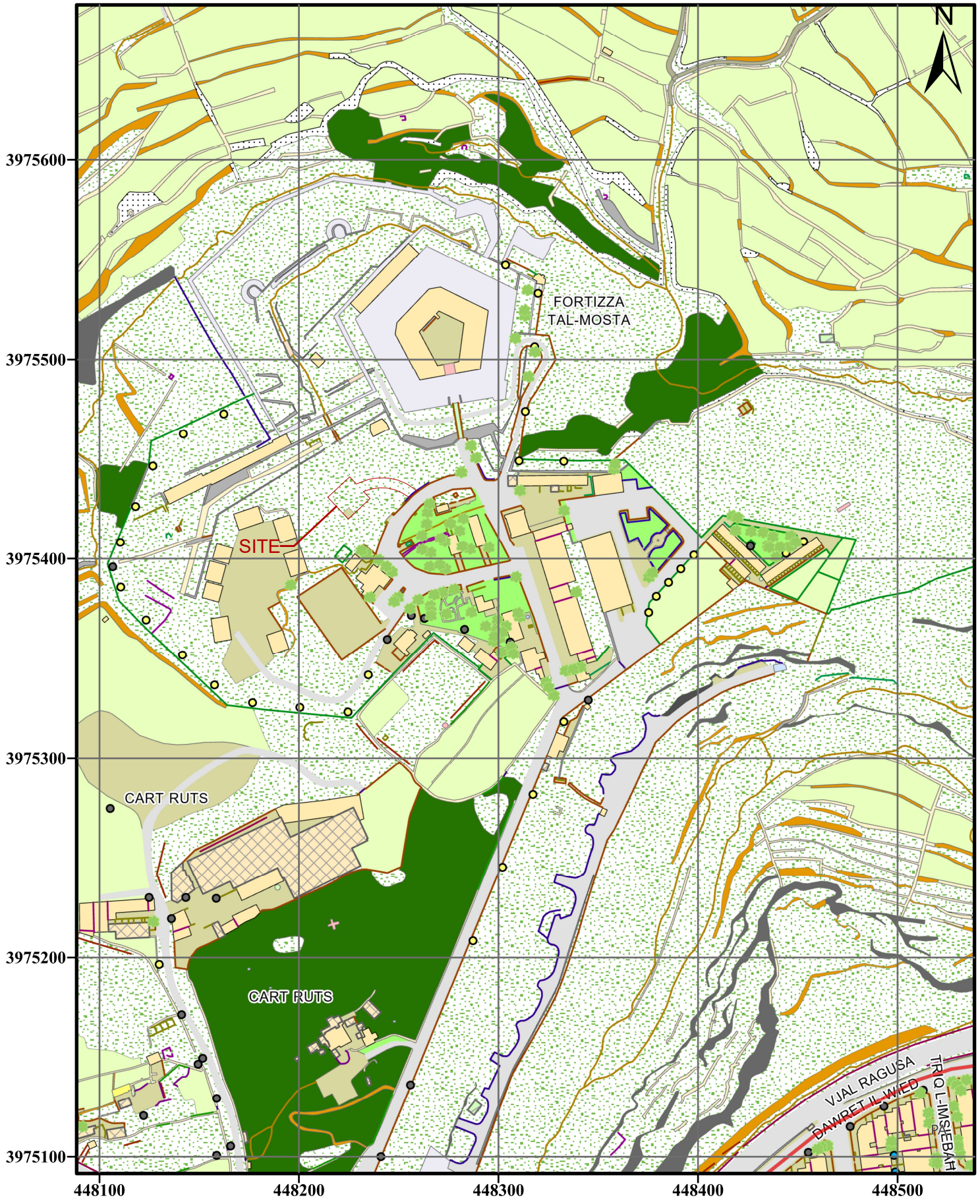
A pedestrian and service passageway will connect the helipad to the private asphalted road within the Fort grounds. Existing internal access roads will be used for construction and operational vehicles; no new roads are being proposed. Infrastructural services are limited to lighting and safety equipment. No other utilities are required for the day-to-day operation.

Aspects of the Environment Likely to be Affected

The project is expected to have minimal impact on land and topography due to the stilted design, which reduces the need for ground disturbance. Given that the proposal is similar to the existing helipad, although the site is located within a fortification structure the impact of the proposal is not major. Noise impacts will be temporary during construction and limited to intermittent helicopter operations once the helipad is in use. Air quality effects are anticipated to be minor and restricted to localised dust generated during construction. No significant ecological impacts are expected, as the site is already developed and previously disturbed. Access and traffic impacts are also considered minor and confined primarily to the construction phase.

Aspects of the Environment Likely to be Affected

The project will result in slight local modifications to the surface level at the points where the foundations are installed; however, these changes are considered reversible, with the ground beneath the elevated platform largely preserved. During the construction phase, small quantities of waste materials such as concrete residues, steel offcuts and packaging will be generated but should be easily managed given the limited size of the project. Operational waste is expected to be negligible given the occasional nature of helicopter use. The project's use of natural resources is limited: soil and land consumption is minimal due to the elevated structure, water use will be restricted to concrete curing and general cleaning during construction, and no significant effects on biodiversity are anticipated. During operation the surrounding fauna will need to be cleaned after drying up as the downwind force created by the helicopter during landing and take-off will disperse the loose material across the area.



1:2,500

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 Data captured from: 2018 aerial photography, 2020 unmanned aerial vehicles(UAVs).
 WGS 1984 UTM Zone 33N EPSG: 32633 M.S.L. (Mean sea level). Scale factor at the central meridian 0.9996.
 Central meridian has a false origin of 500,000m at 150 East of Greenwich.
 Northern coordinates have an origin of 0m at the Equator.
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Notes:
 1. Do not scale from the drawing.
 2. This drawing is to be read in conjunction with all other drawings.

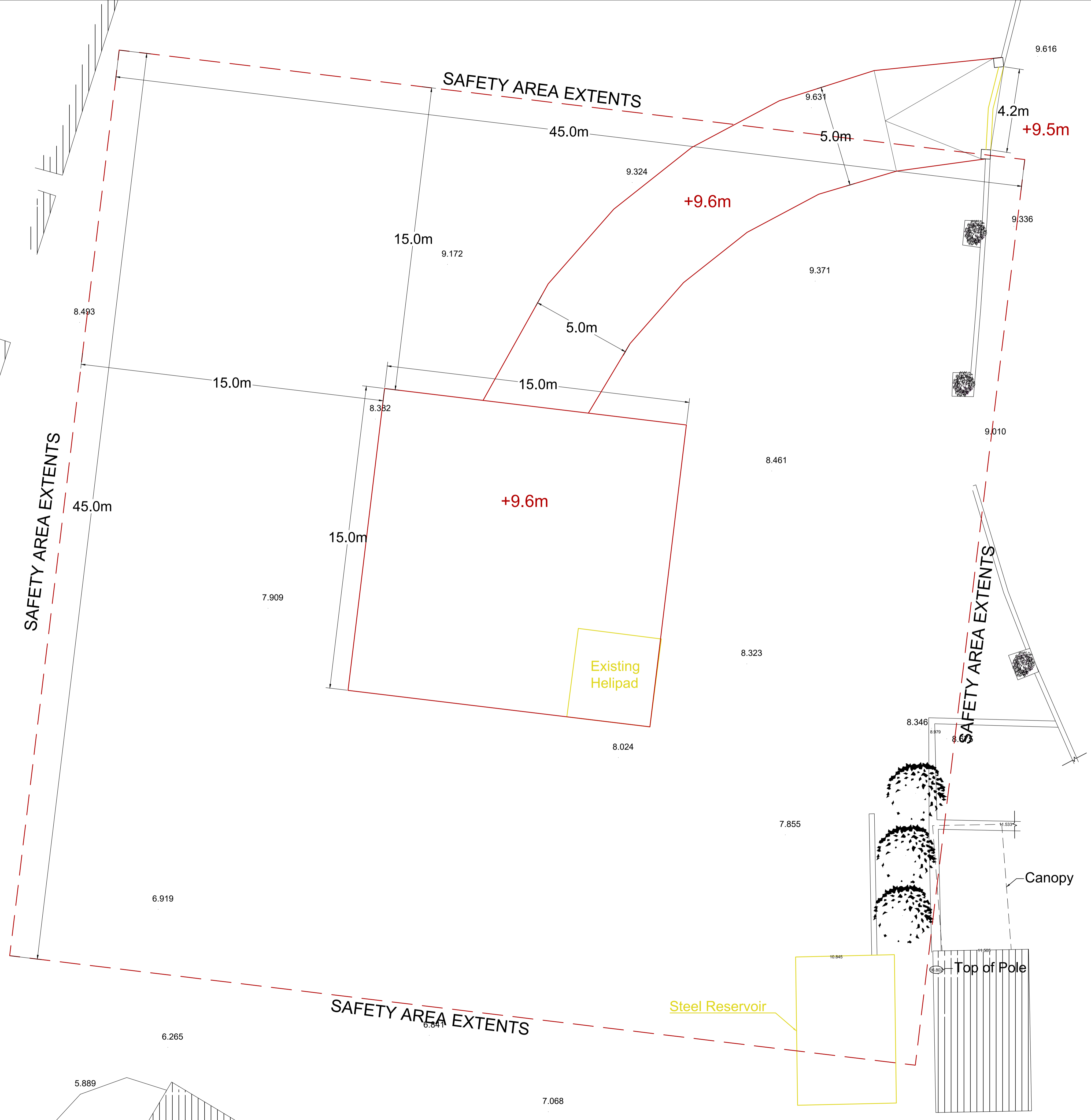
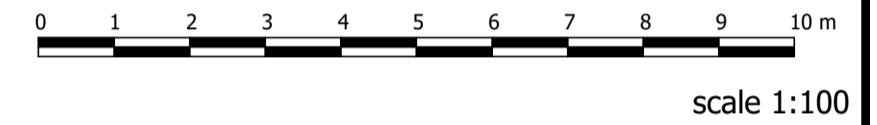
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Project no.	0740
Client	The Armed Forces of Malta
Project Location	Mosta Fort

Project Description	Enlarging of Existing Helipad including pathway access from Helipad to road
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Drawing Title	Superimposed Block Plan
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Date	20-07-2025	Done by	fb
Scale	1:100 on A1	Checked by	fb
Drawing no.	01	REV	00



LEGEND

- 00.000 Level on the Floor/soil/Rock
- 00.000 Road Level
- 00.000 Level on top of Building/Structure
- Yellow line To Remove / Demolish
- Red line Proposed - To Construct

Notes:
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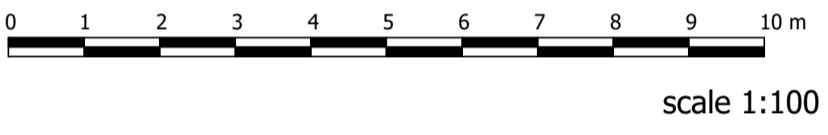
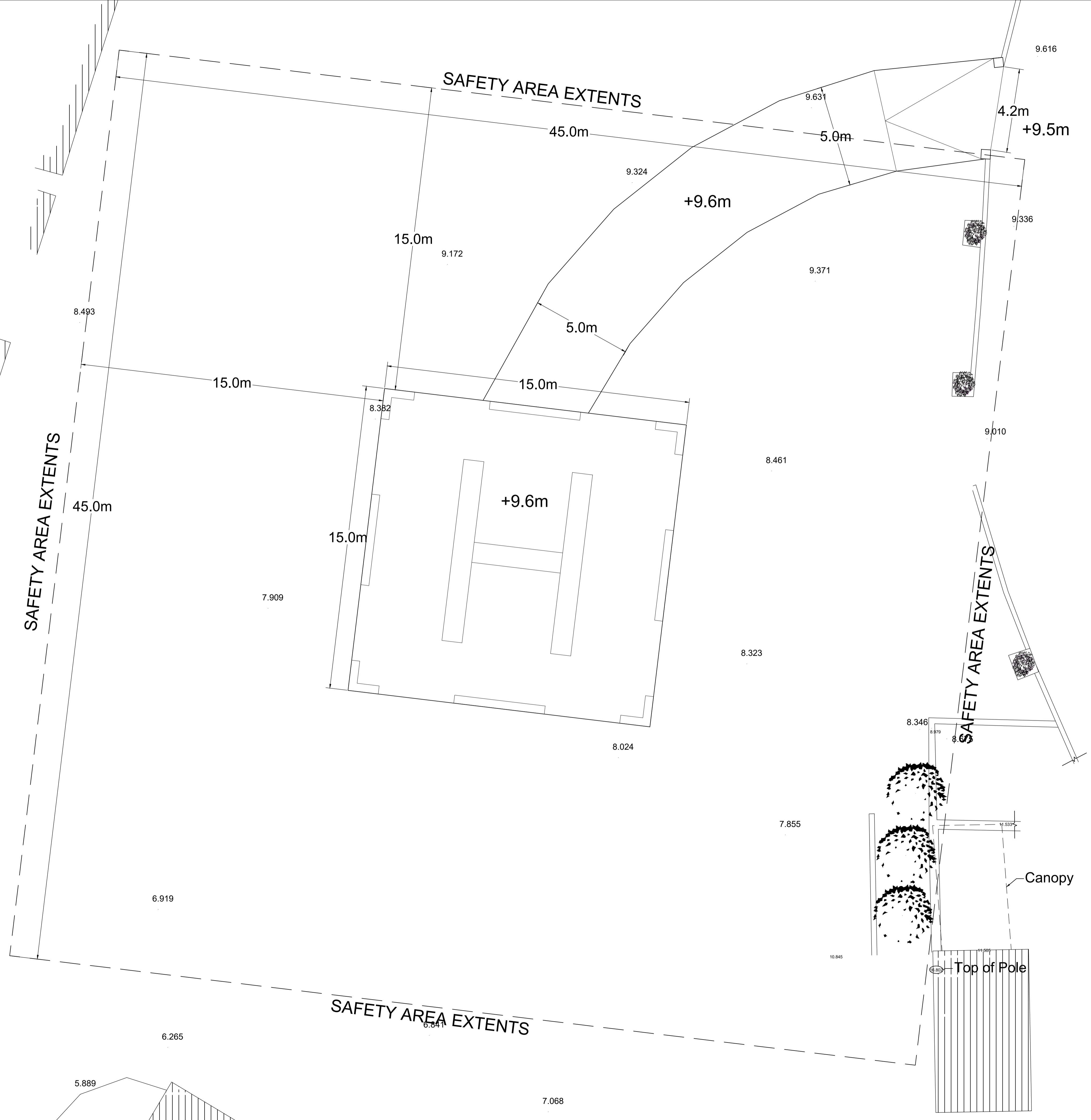
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Project no.	0740
Client	The Armed Forces of Malta
Project Location	Mosta Fort

Project Description
 Enlarging of Existing Helipad including pathway access from Helipad to road

Drawing Title
 Superimposed Block Plan

Date	20-07-2025	Done by	fb
Scale	1:100 on A1	Checked by	fb
Drawing no.	02	REV	00



Notes:
 1. Do not scale from the drawing.
 2. This drawing is to be read in conjunction with all other drawings.

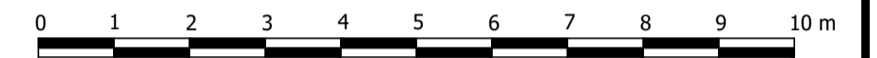
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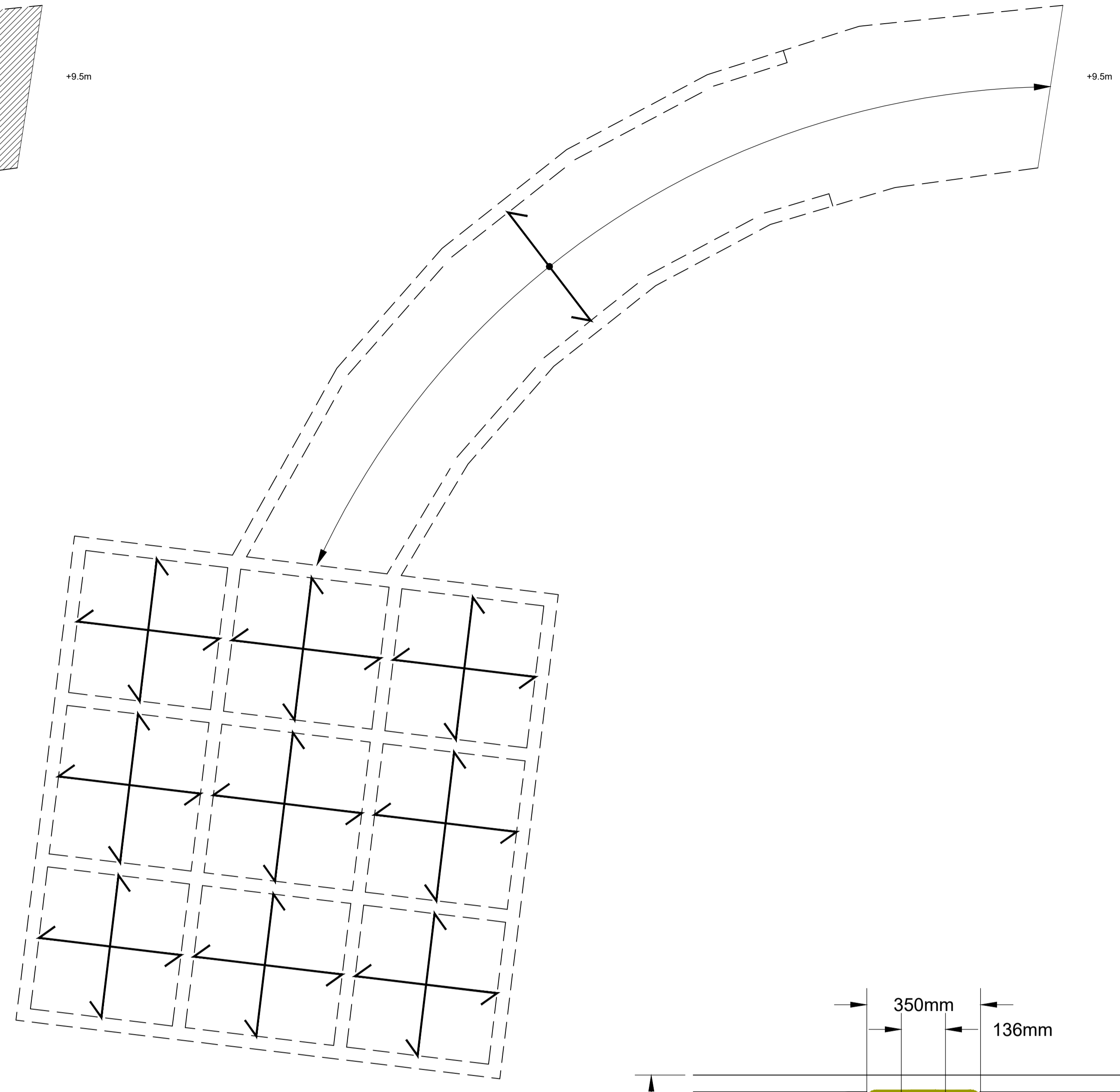
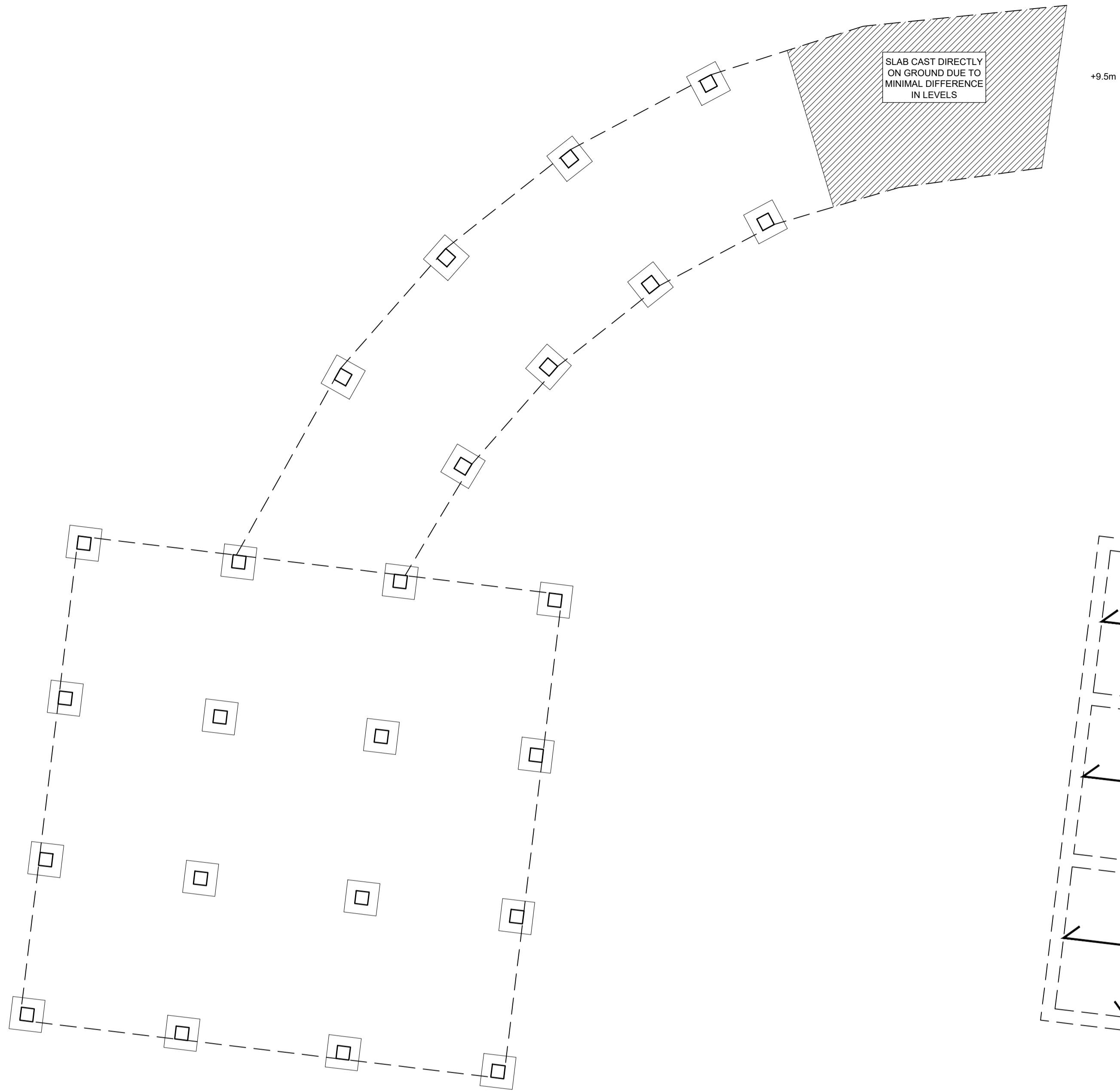
Project Description
 Enlarging of Existing Helipad including pathway access from Helipad to road

Drawing Title
 Structural Layout Plans and Detail

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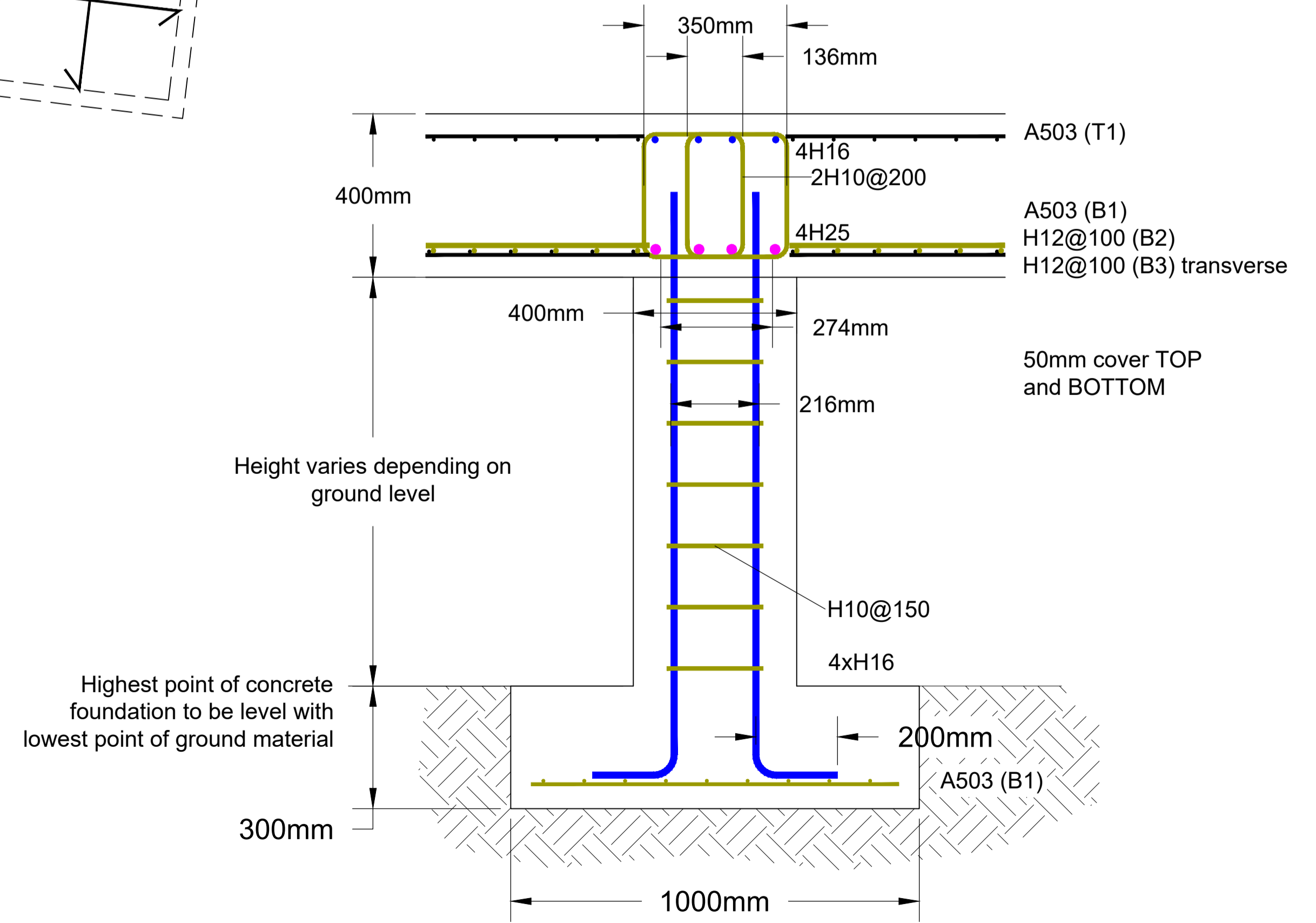


scale 1:100



① Helipad and Passage-way Column & Foundation Layout
 1:100 on A2

② Helipad and Passage-way Beam & Slab Layout
 1:100 on A2



③ Beam, Column and Foundation Detail
 1:10 on A2