

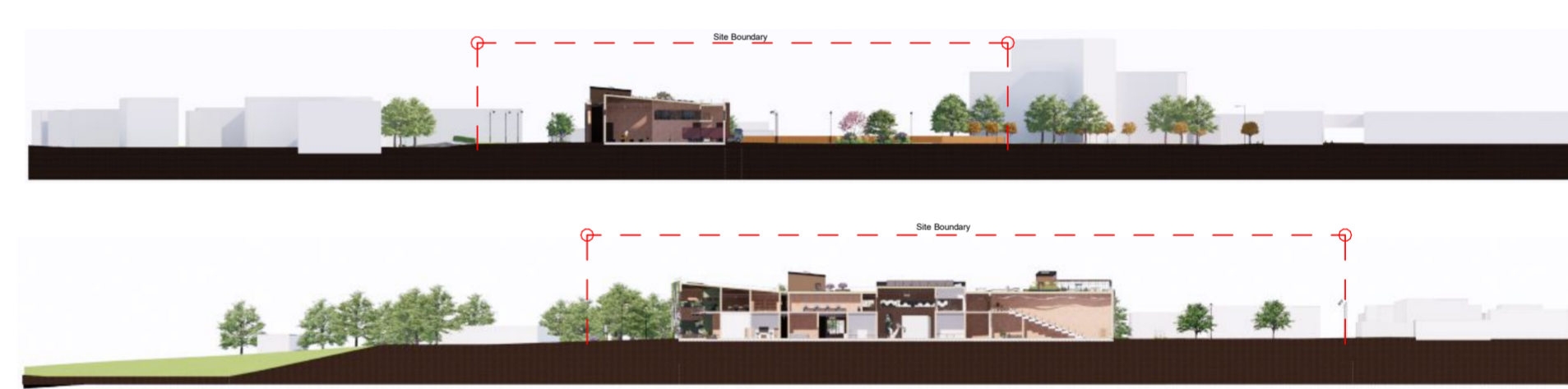
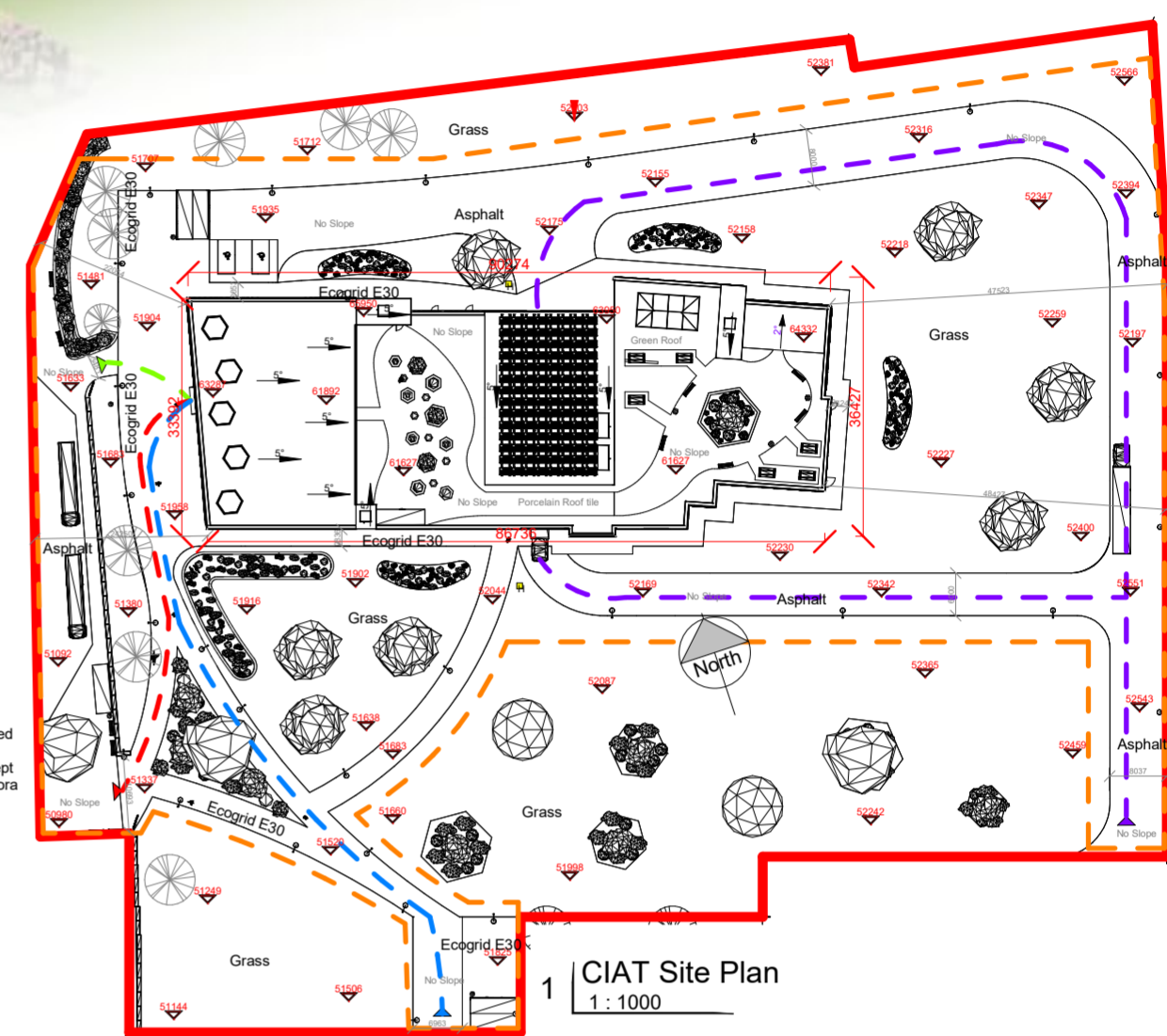
Site Evaluation:
Building Evaluation:
 The Built Environment research building that I have named the Hex building due to its noticeable hexagons in the design. The proposed building will be situated on the north side of an open green field site. The building will consist of 2 floors with the entrance facing to the west, entrance to the site will be primarily pedestrian access with one road proposed that runs along the building for deliveries and collections. The building will house many various rooms such as Administration Office, Cafe, Reception, Store rooms, Woodwork/Metalwork workshop, Robotics lab, Meeting Room, Seminar Room, Structures Lab, Soils Lab, Lecture Theatre, FM/Services Lab and 2 Unisex Toilets on the ground floor. The first floor will house, a postgraduate studio, 2 studio rooms, seminar room, meeting room and a staff office space. The construction of the building will consist of ICF interior and exterior walls with large glazing units on all elevations. The roof of the building will house a small extension to the cafe with a small seating area.

Dimensions:
 • Width : 36427mm
 • Length : 90274mm
 • Height : 14070mm
Gross Floor Area:
 • Ground Floor : 2640m²
 • First Floor : 1547m²
 • Accessible Roof : 960m²

Building Function: The proposed building will form part of the existing built environment department of an established university but will act as an extension to the existing university campus also. The main purpose of the building is for research and teaching of students in the built environment department.

Site Plan Legend
 Site Boundary: [Red dashed line]
 Overall Dimensions: [Red solid line]
 Dimensions: [Red solid line]
 Pedestrian Access 1: [Blue dashed line]
 Pedestrian Access 2: [Green dashed line]
 Pedestrian Access 3: [Purple dashed line]
 Vehicular Access 1: [Orange dashed line]
 North Point: [North arrow symbol]
 Trees (Existing): [Tree symbol]
 Trees (Proposed): [Tree symbol]
 Landscaping Proposed:
 Asphalt: [Asphalt symbol]
 Grass: [Grass symbol]
 Ecogrid E30: [Ecogrid symbol]
 Slope: [Slope symbol]
 Rain Garden: [Rain Garden symbol]
 Disabled Parking: [Disabled Parking symbol]
 Ordnance Datum Level: [Datum symbol]
 Area of Site Excavated: [Excavated area symbol]
 Existing Buildings: [Building symbol]

Site excavation zone shows the area of the site that will need to be excavated in order to build the proposed building all the area outside the zone will be kept the way it is to preserve the existing flora





South Elevation 1:500



North Elevation 1:500



Section A-A 1:500



Section B-B 1:500



East Elevation 1:500



Section D-D 1:500



West Elevation 1:500



Section C-C 1:500



View of Hallway at night



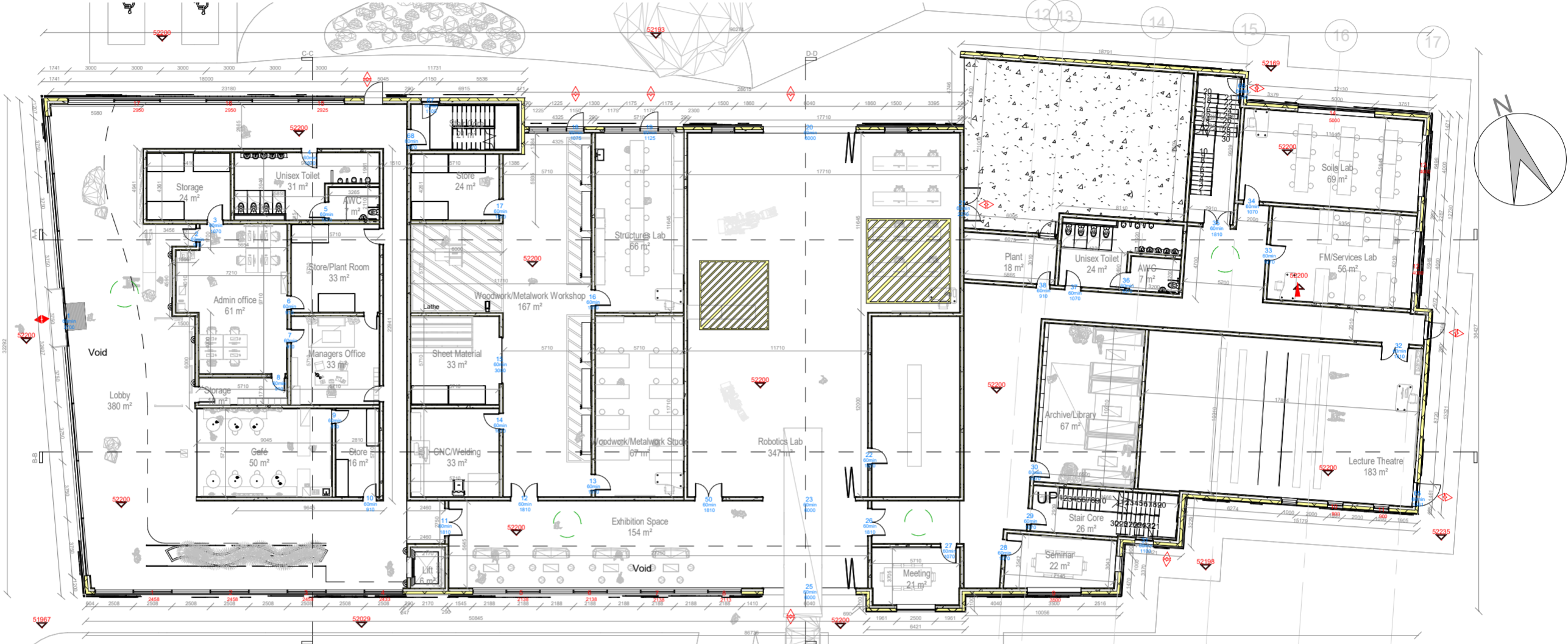
View of lobby during daytime



View of entrance



View of Unisex Toilet



1 CIAT - GFP
1:250



View of First Floor seating area



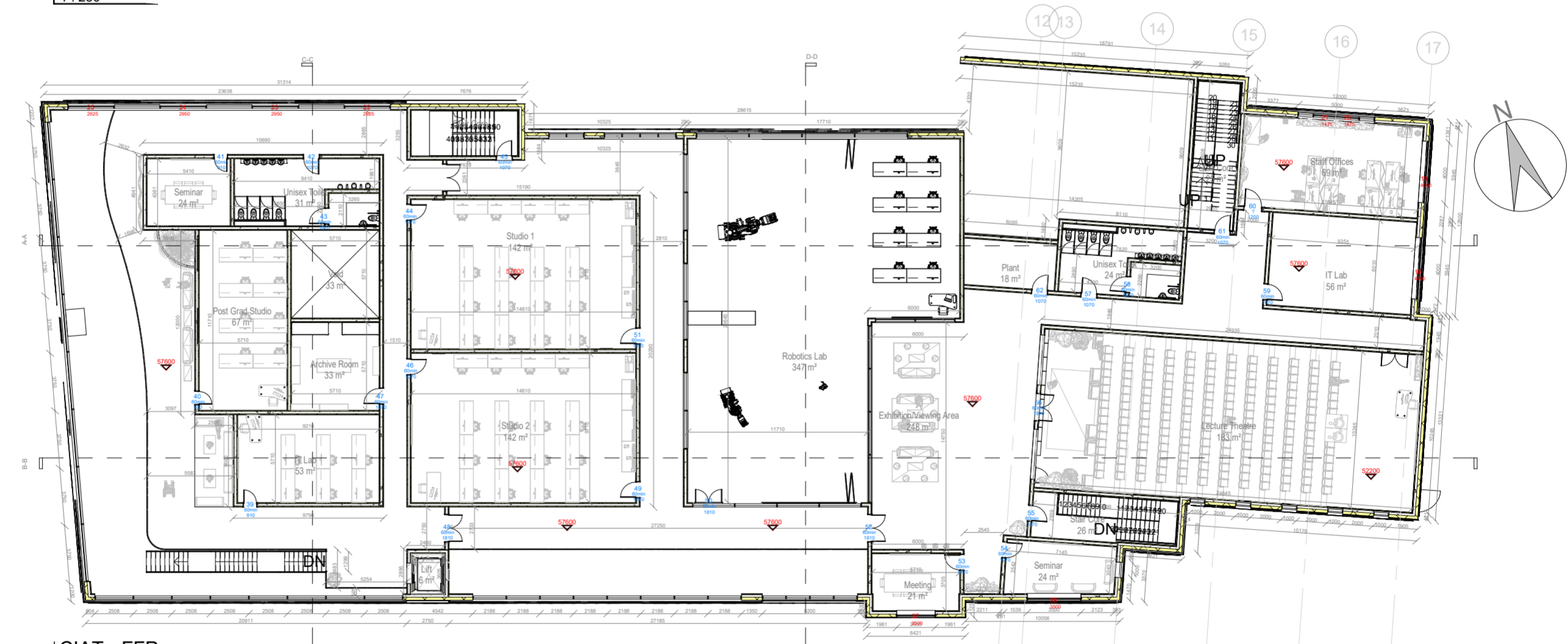
View of First Floor Lobby



View into robotics lab



View of lecture theatre



2 CIAT - FFP
1:250



View from rooftop



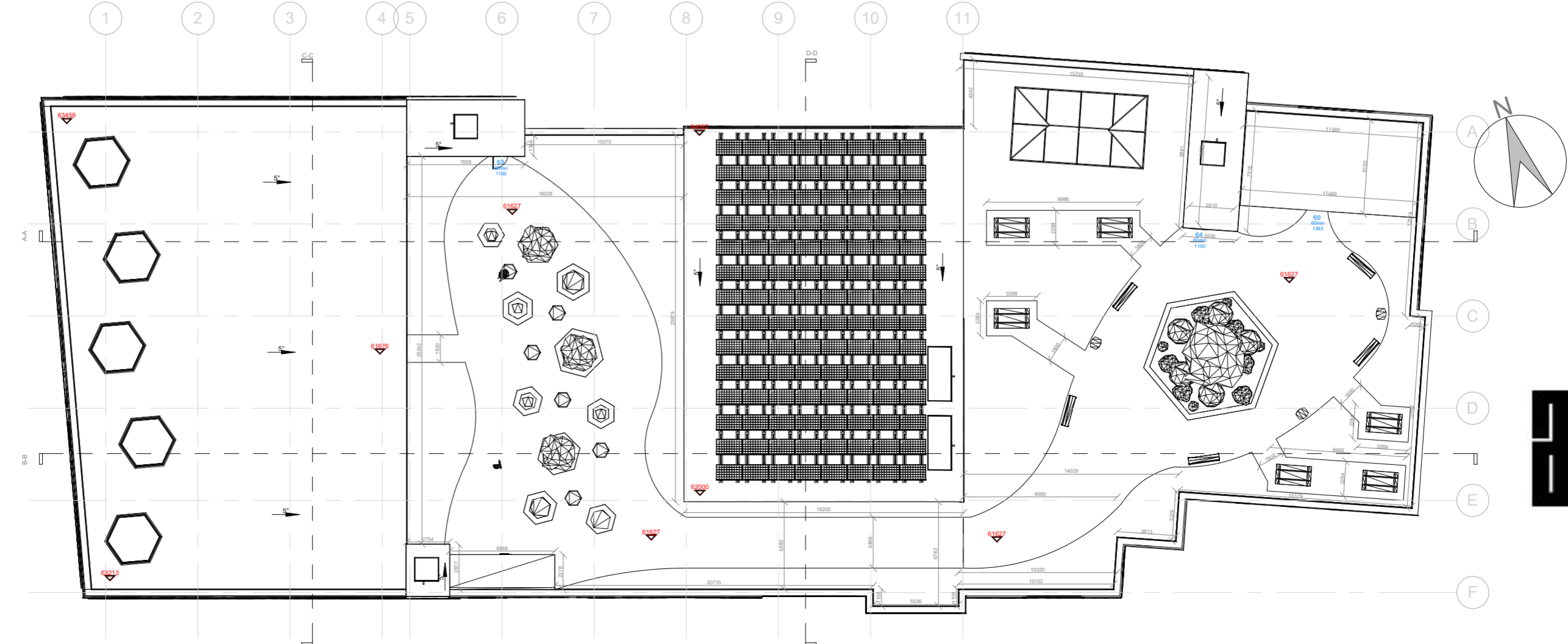
View of rooftop cafe



View of rooftop



View of rooftop



3 CIAT - RTP
1:250

