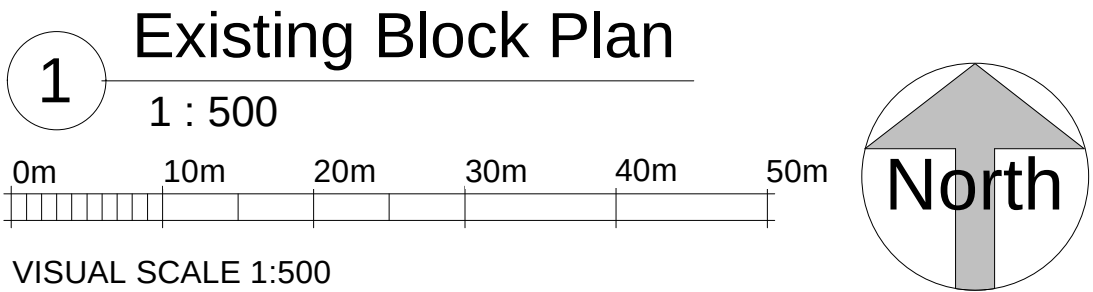
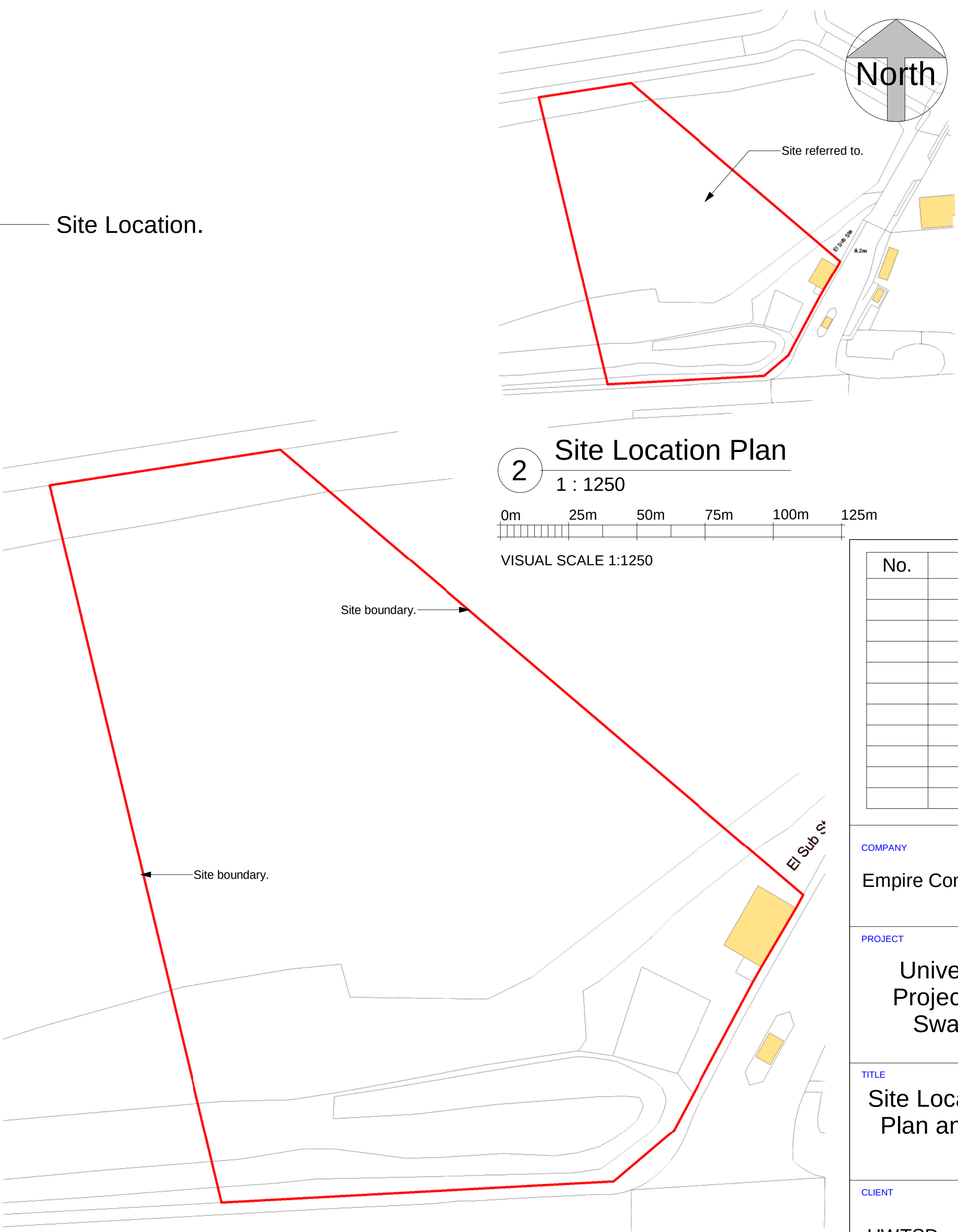




Site Location.



No.	Description	Date

COMPANY

Empire Construction.

PROJECT

University Lecture Hall Project, Langdon Road, Swansea, SA1 1LY.

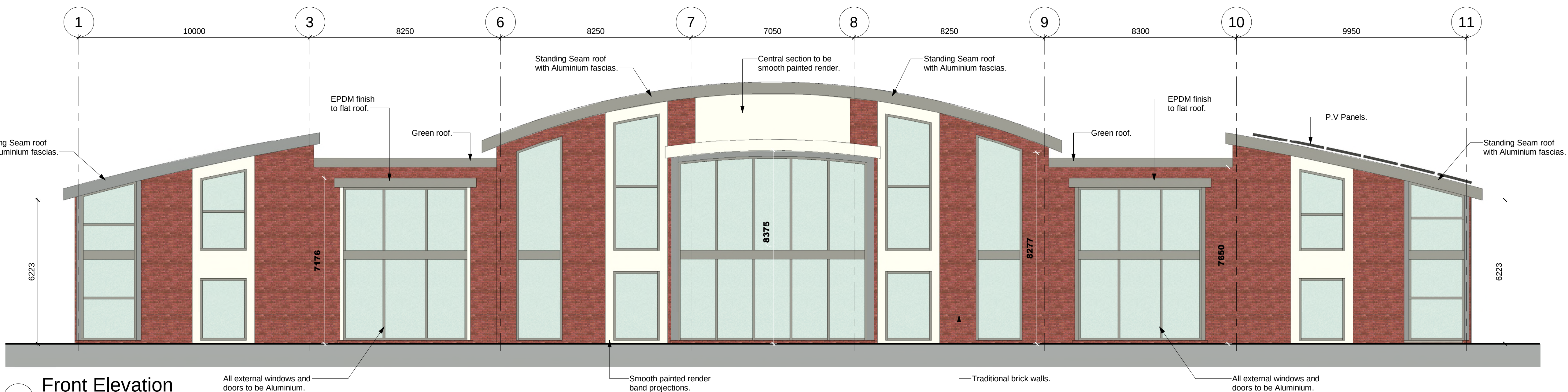
TITLE

Site Location, Existing Block Plan and 3D Aerial Views.

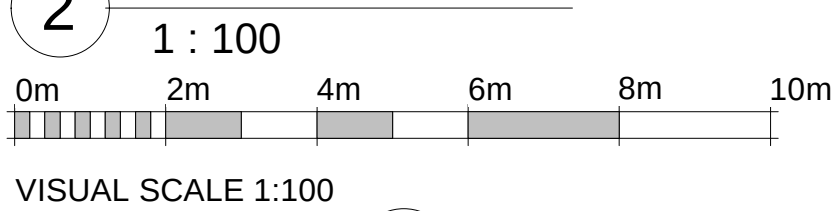
CLIENT

UWTSD.

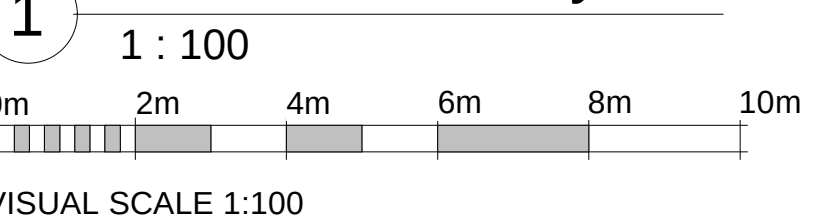
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SCALE (@ A1) As indicated		PROJECT NUMBER ACBA6013
DRAWING NUMBER 6013-EMP-XX-00-DR-S-100		REV



2 Front Elevation



1 Ground Floor Layout



Rev	Description	Date

COMPANY

Empire Construction.

EMPIRE CONSTRUCTION

PROJECT

University Lecture Hall Project,
Langdon Road,
Swansea, SA1 1LY.

TITLE

Proposed Ground Floor Layout and
Front Elevation.

CLIENT

UWTSD.

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Y Drindod Dewi Sant
University of Wales
Trinity Saint David

DRAWN BY
LL.B

BIM MANAGER
M.L

DATE
09/03/2023

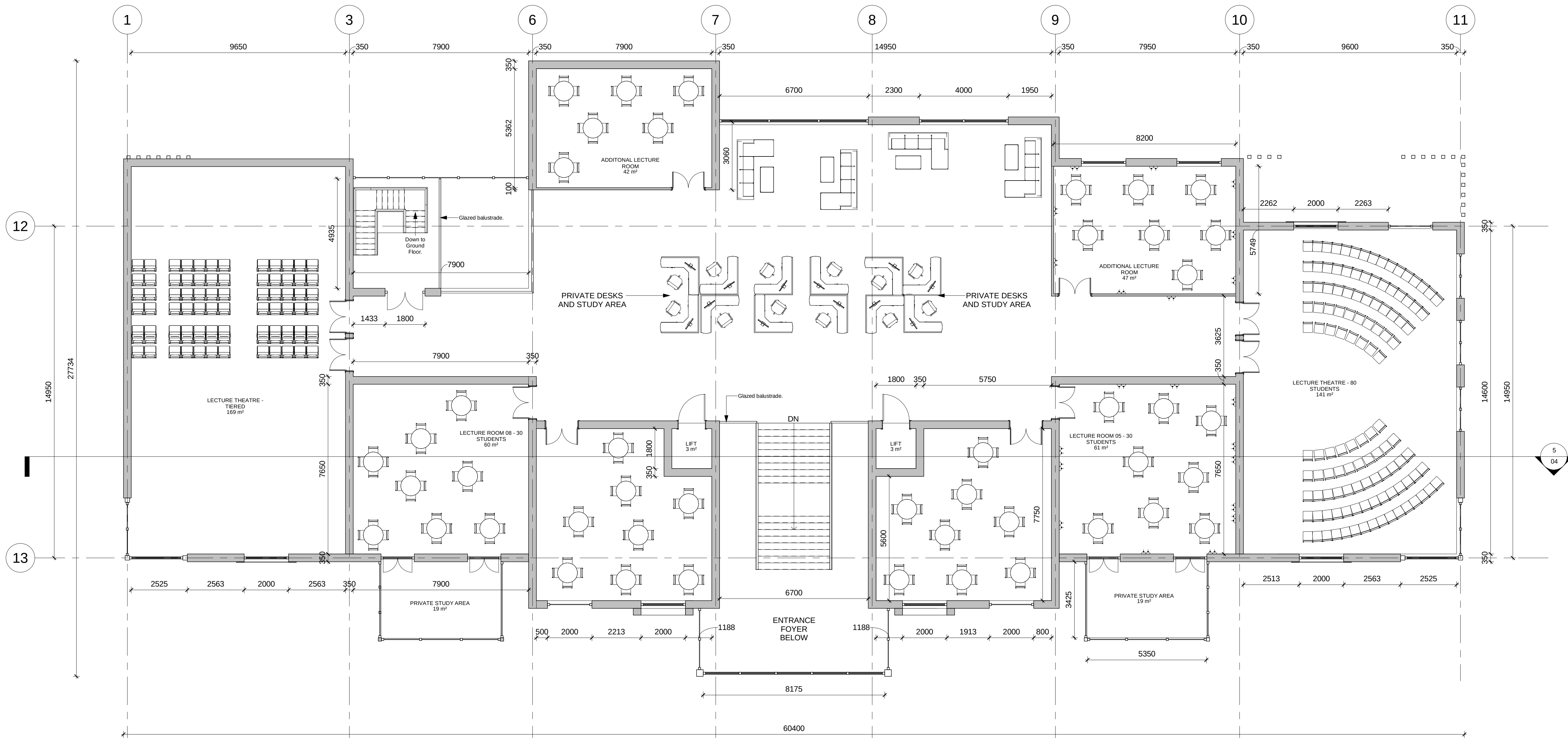
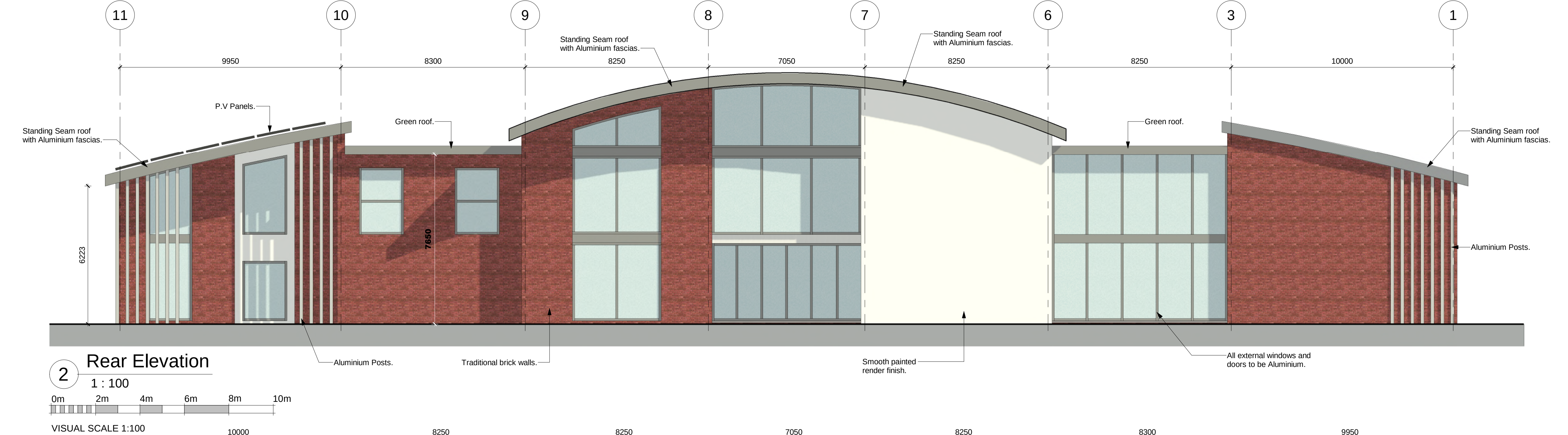
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1 : 100

PROJECT NUMBER
ACBA6003

DRAWING NUMBER
6013-EMP-XX-00-DR-S-0001

REV

05/05/2023 13:58:44



Rev	Description	Date

COMPANY

Empire Construction.

PROJECT

University Lecture Hall Project,
Langdon Road,
Swansea, SA1 1LY.

TITLE

Proposed First Floor and
Rear Elevation.

CLIENT

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Y Drindod Dewi Sant
University of Wales
Trinity Saint David

DRAWN BY

LL.B

BIM MANAGER

M.L

DATE

09/03/2023

SCALE (@ A1)

1 : 100

PROJECT NUMBER

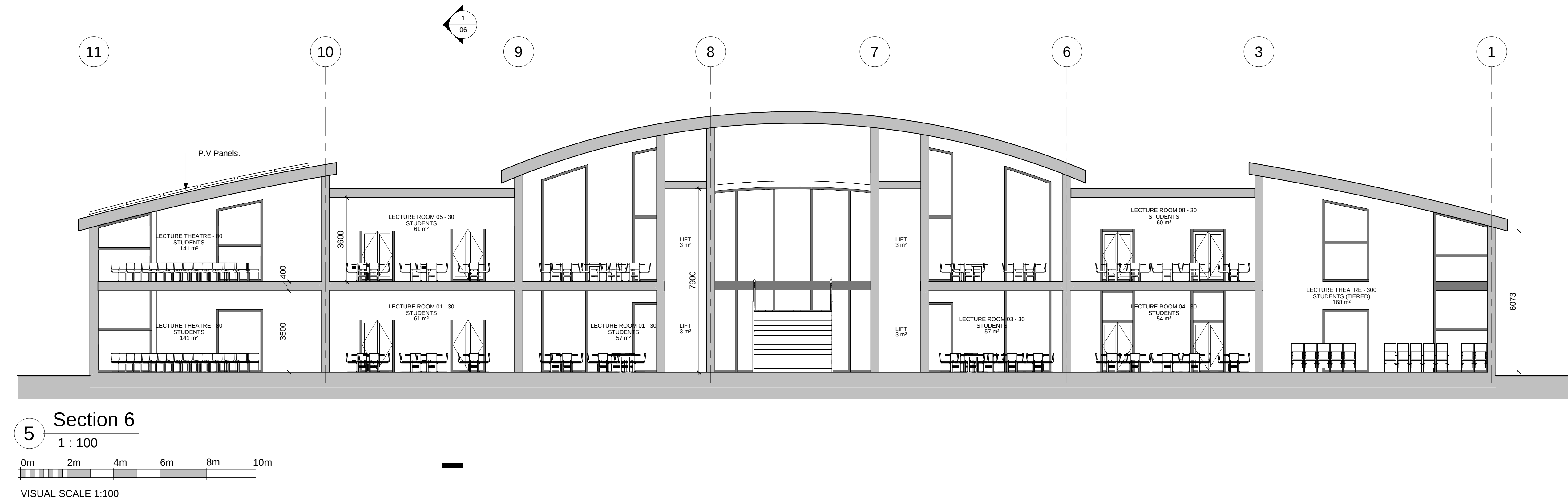
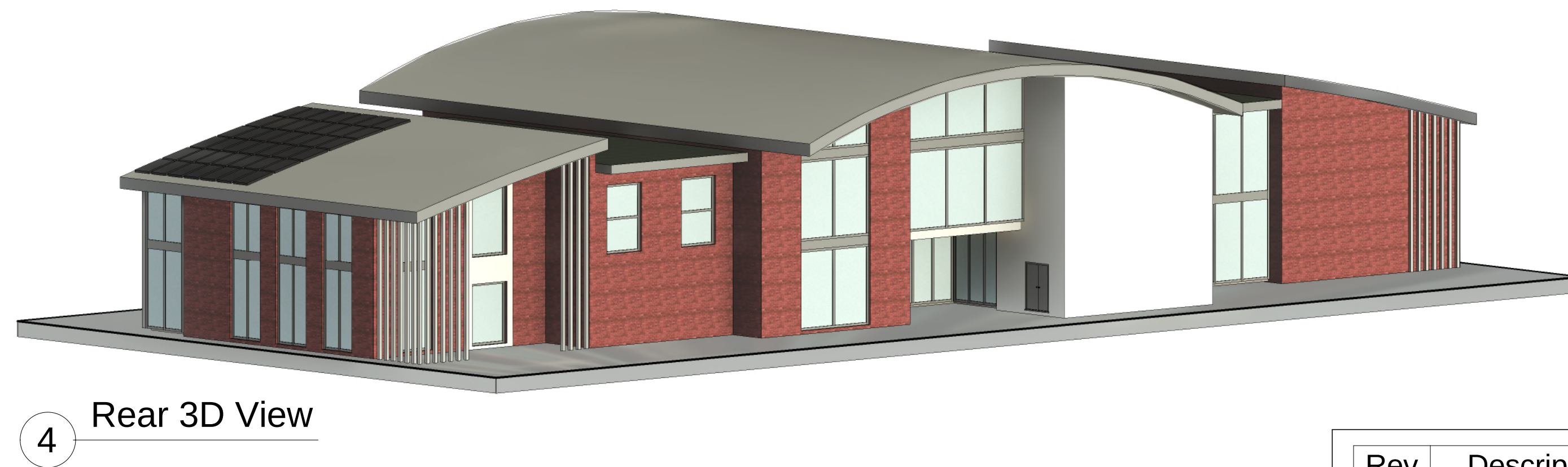
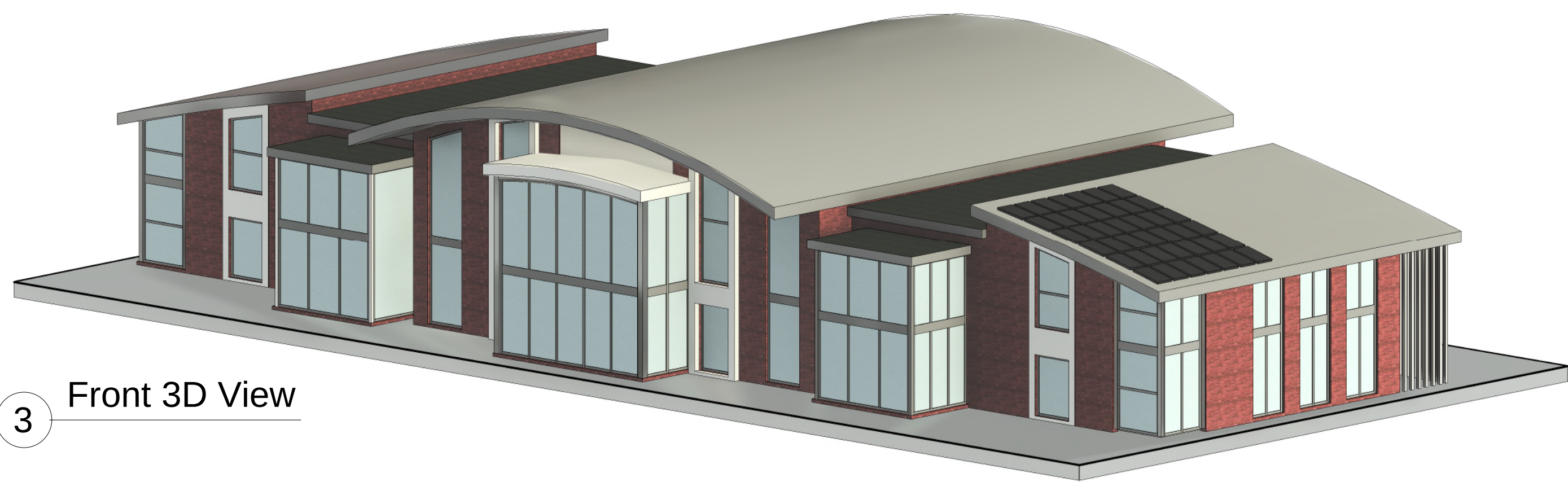
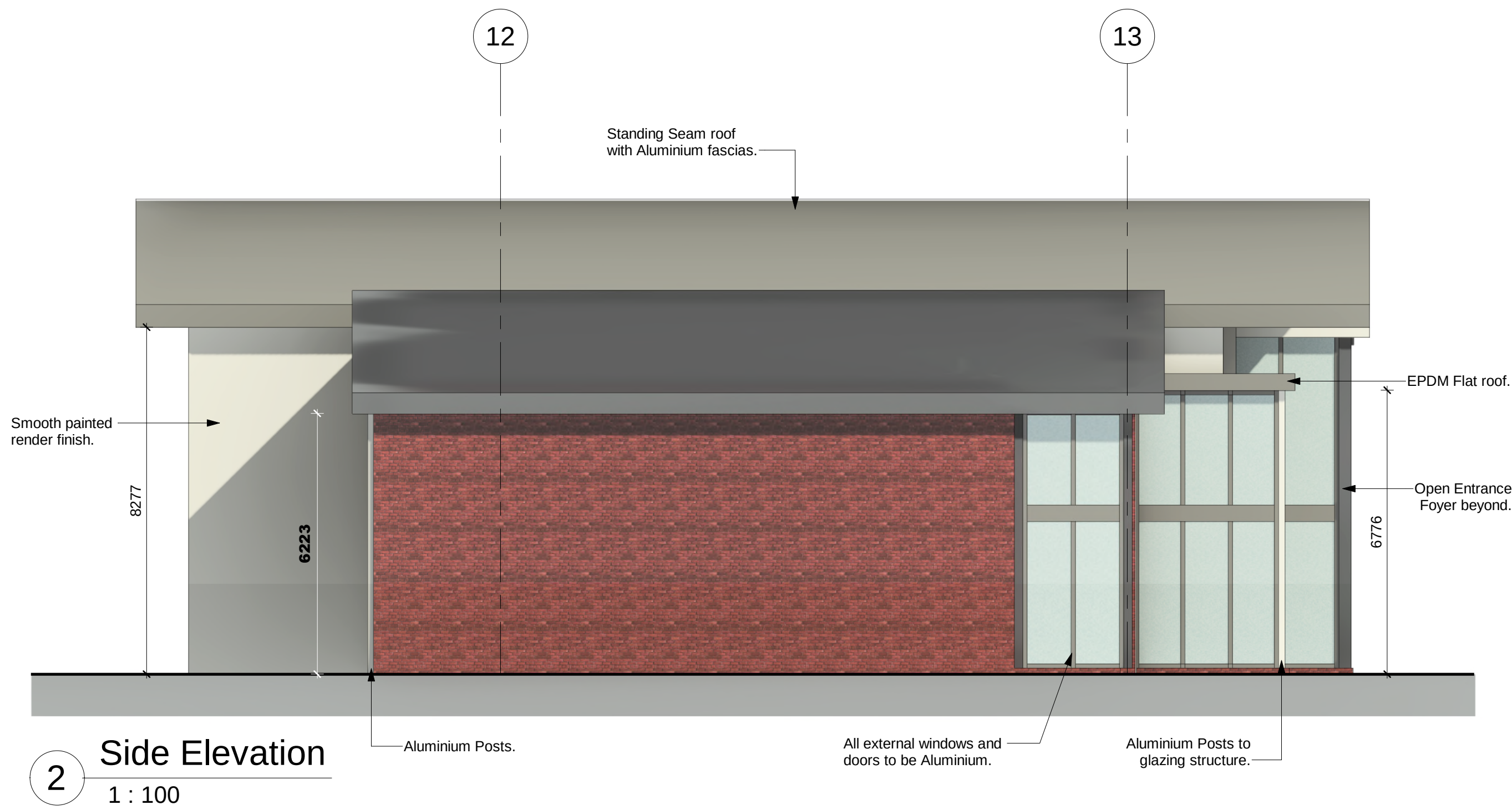
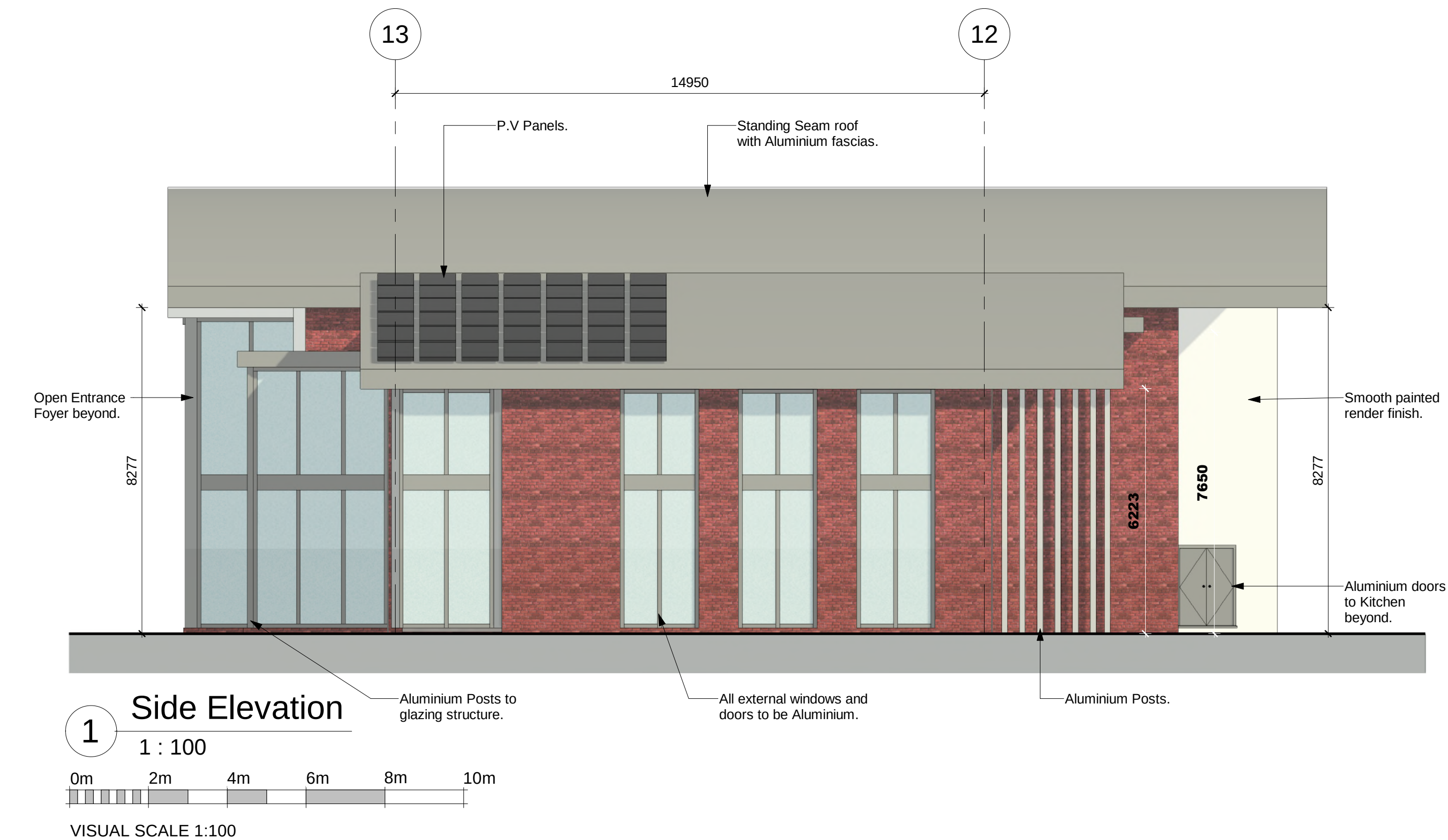
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DRAWING NUMBER

6003-EMP-XX-00-DR-S-0002

REV

17/05/2023 14:00:13



Rev	Description	Date

COMPANY
Empire Construction.



PROJECT
University Lecture Hall Project,
Langdon Road,
Swansea, SA1 1LY.

TITLE
Proposed Side Elevations,
Section and 3D Views.

CLIENT
UWTSD.



DRAWN BY
LL.B

BIM MANAGER
M.L

DATE
09/03/2023

SCALE (@ A1)
1 : 100

PROJECT NUMBER
ACBA6003

DRAWING NUMBER
6003-EMP-XX-00-DR-S-0003

REV

05/05/2023 14:02:17

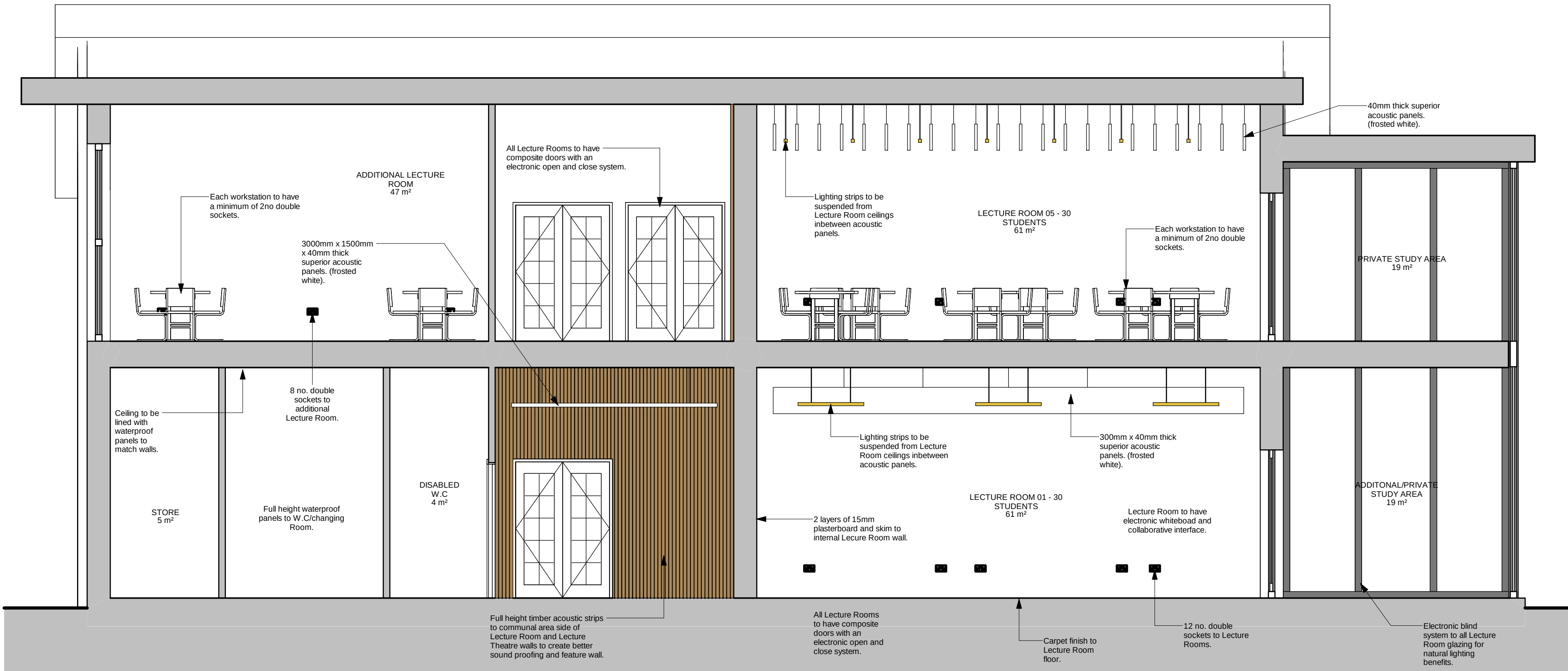


The two images to the right show different types of acoustic panelling included in our scheme. These types of panelling bring several different benefits to a building such as this, both comfort and also the aesthetic appeal. In the section below, I have included the illustration of these panels for clarity, the small rectangular panels in the Classrooms and Lecture Theatres, with the large suspended panels in the communal areas. The main reasoning behind the classroom option is because it allows for easier light fitting as they can sit in between, creating a balanced aesthetic, but also brings a more comfortable feel to the room. Another big benefit they have is that they can absorb sound very well, which in a classroom or lecture theatre is critical, with the volume of sound circulating the room. These panels then act as a barrier and can deflect sound and reduce the impact on the rooms users. Also, with the first floor lecture located directly above the ground floor, the likelihood of noise carrying is great, and can impact on the students' learning both on the ground floor and first floor. Even though these panels are spaced apart and there will still be a gap between, the overall volume of sound can be reduced before meeting the ceiling and first floor. These panels typically come in depths of 400mm and are available in three different thicknesses; 9mm, 12mm, 15mm. According to the polyester acoustic panels company, the main feature of these panels is as discussed above, their ability to absorb sound and impact. Other benefits of utilizing these panels into any scheme is the fact it allows running services to be a much easier process and also leaves the underside of the floor structure exposed. In our opinion, by including these panels is very beneficial as it leaves the ceiling exposed and creates an educational appearance to the space as appose to a residential appearance (white painted plasterboard throughout). Similar with the large rectangular panels shown in the communal space. The reasoning behind opting for this type for these spaces is because of how open plan and exposed the entire space is, not only do the panels improve acoustic elements, but also benefits the aesthetic appearance by breaking up the space, creating more comfortable environment to be a part of. Also, these types of panels are renowned for having a clean-lined finish, eliminating the harshness of their size. According to the polyester acoustic panel company, these panels are extremely popular in environments such as this; schools, universities, hospitals, meeting rooms etc, as their sound absorbing qualities minimizes the impact on surrounding rooms. To conclude, at the beginning of this scheme, we needed a great focus on acoustics within the building as there are several different educational rooms being occupied at one time, therefore, the spread of noise between these needed to be minimized and kept to a minimum to ensure the best working environment for all.



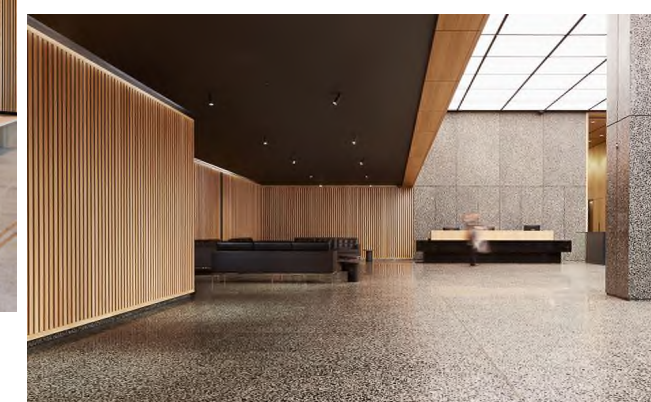
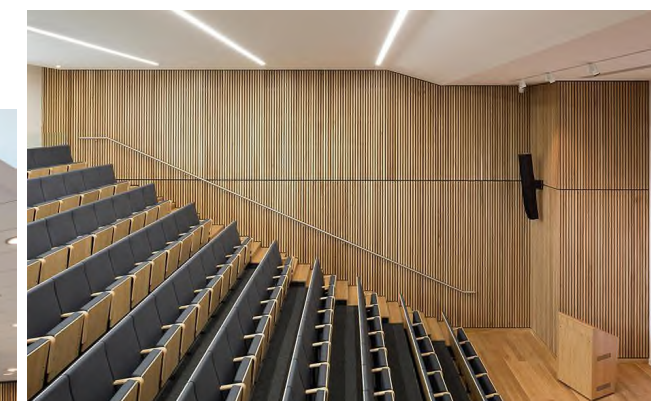
Lecture Rooms working stations
with built-in electronic points.

As part of the non-technical specification of a building such as this, the comfort of visitors and users is paramount, and ensuring their working relationship with the building which they are in is vitally important. Indicated in the section drawing below are double sockets and electronic points within the lecture rooms; i have included several points to ensure the students have the best opportunity during their studying period. Lastly, we have opted for a carpet finish to the lecture rooms (for comfort and aesthetic purposes), again with electronic points fitted within the floor.



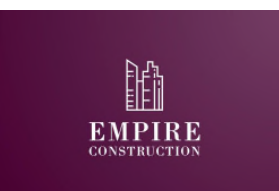
1 Non-Technical Section

As shown in the section above, we have given acoustic and sound proofing a lot of focus, with panels being included on both the walls and ceiling. Similar to the ceiling panels, the wall panels also offer great acoustic and aesthetic benefits. The biggest difference is that these timber-effect panels shown in the communal area and pictures to the right, are continuous, with no gaps between. In our opinions, it's vitally important to ensure that the lecture rooms are sound proof and secure from surrounding noise and impact, therefore, these wall panels are the perfect answer. These panels/timber slats provide the functional solution in a variety of different environments (as shown in the pictures; right). The careful design of the panels and the different shades of timber go a long way to creating an unique environment to the communal space. Also, these panels are extremely durable which will be beneficial on the communal space side, as there will be heavy footfall with the chance of coming into contact and having impact to withstand. According to the Stil Acoustic company, these timber slats have great sound absorbtion qualities, and for this reason alone, will work well to the internal walls of the lecture rooms, as the heavy volume of footfall and students communicating and working, wont have any impact or effect on the students' learning. These panels are an excellent option for boosting acoustic qualities all round within any building, and can be used in a variety of different environments as shown in the three images on the right. Two of the pictures show the panels in an environment similar to our building, in an open coummnal space such as foyer or a hallway, where as the second picture shows a seperating wall between a lecture theatre and its' neighbouring room, with full height timber slats. We have a lecture theatre in our scheme, and this has given us insparation to include these panels as they create a comfortable environment for the students, and also absorbs the sound very well. Lastly, due to the lecture theatre being a large open space split over multiple levels, the sound will need to travel a great distance from one end of the theatre to the other, therefore, the panels will assist in keeping the external noise to a minimum.

[illegible]

COMPANY

Empire Construction.



PROJECT

University Lecture Hall
Project, Langdon Road,
Swansea, SA1 1LY.

TITLE

Non-Technical Section & Specification.

CLIENT

UWTSD.



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Trinity Saint David

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LL.B

BIM MANAGER

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DATE _____

30/04/2023

SCALE (@ A1)

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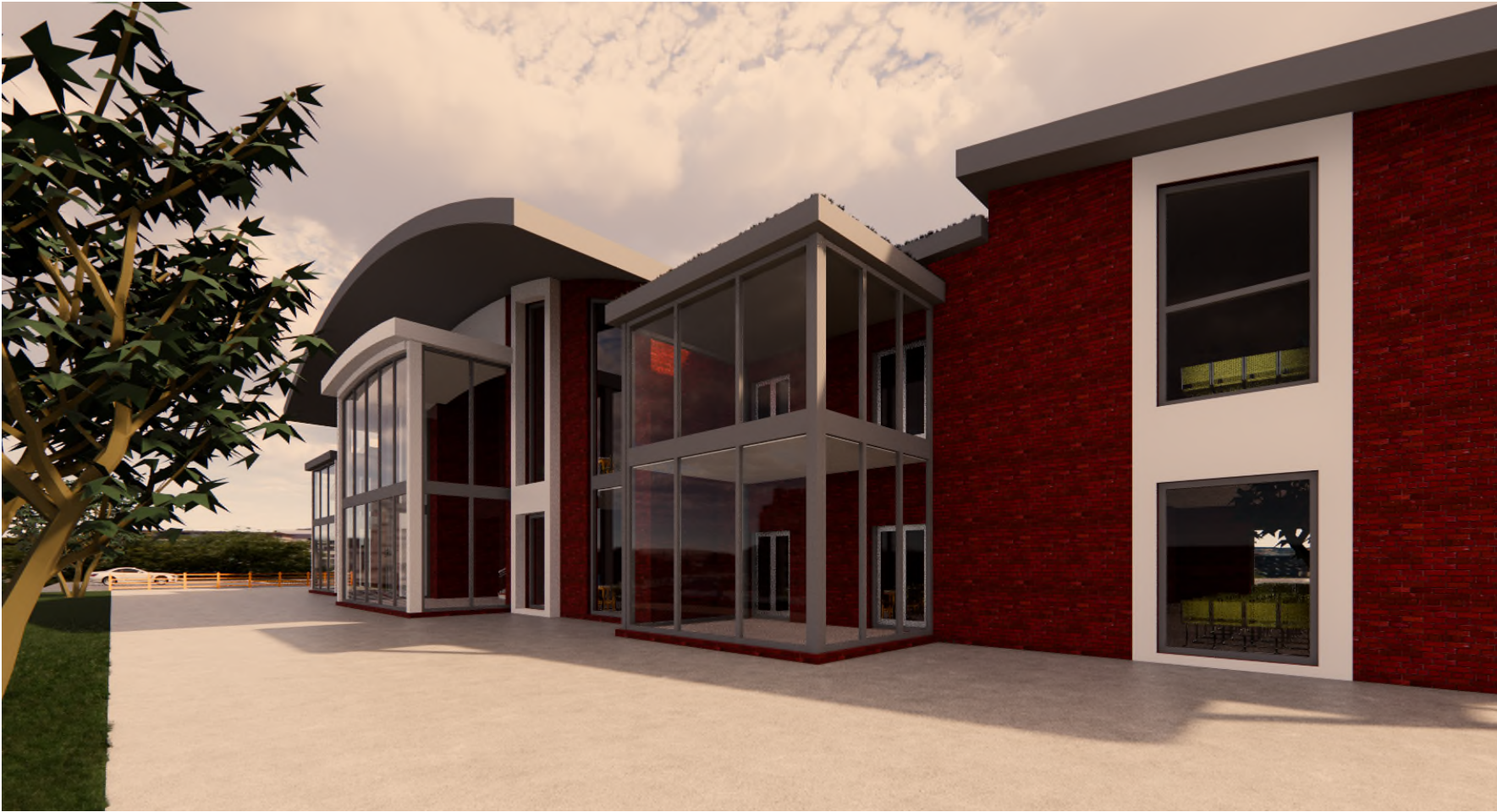
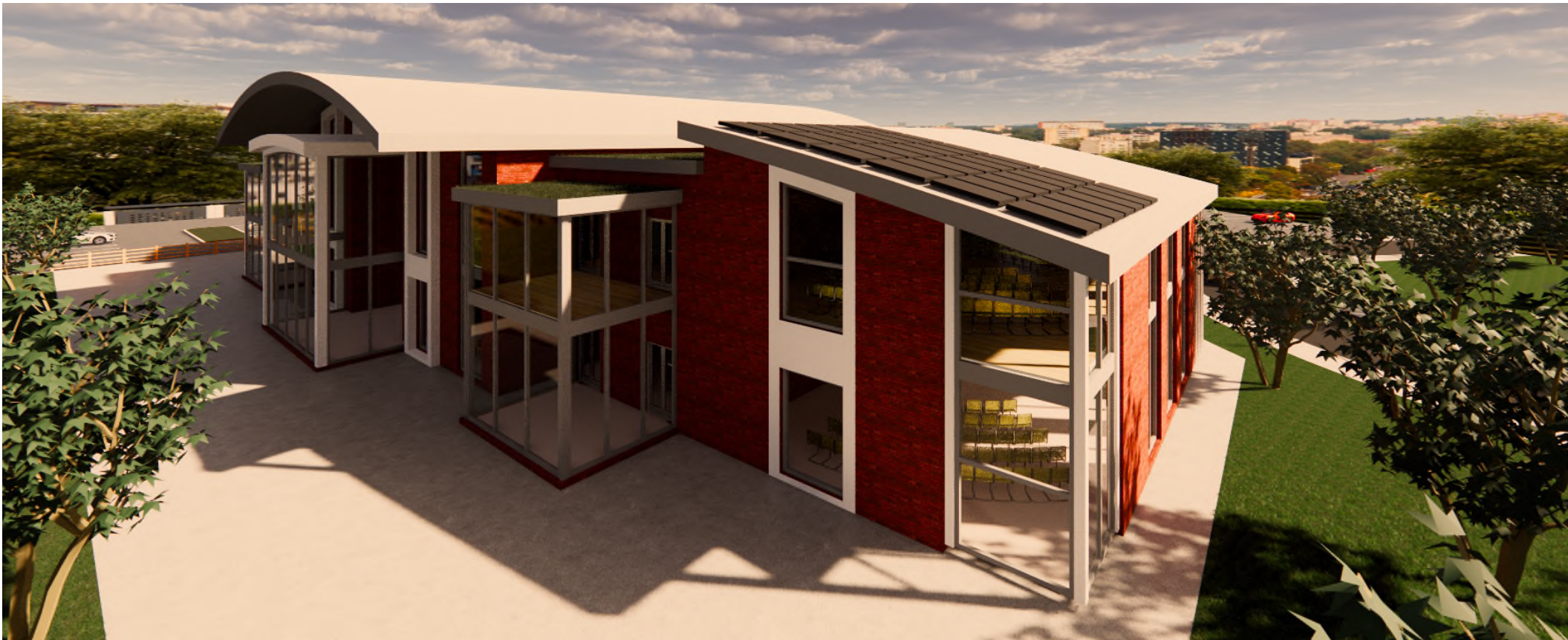
ACBA6003

DRAWING NUMBER

6003-EMP-XX-00-DR-S-0004

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No.	Description	Date

COMPANY

Empire Construction.



PROJECT

University Lecture Hall
Project, Langdon Road,
Swansea, SA1 1LY.

TITLE

Additional Enscape 3D
Visualisations.

CLIENT

UWTSD.



Prifysgol Cymru

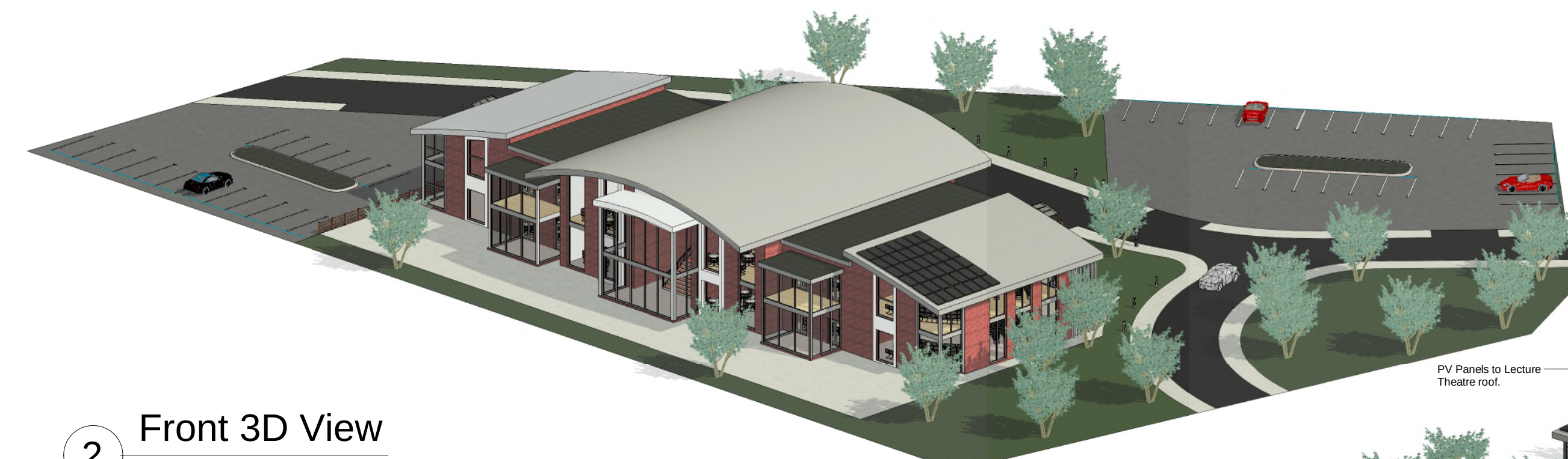
Y Drindod Dewi Sant

University of Wales

Trinity Saint David

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LL.B	M.L	01/05/2023
SCALE (@ A1)		PROJECT NUMBER
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2 Front 3D View

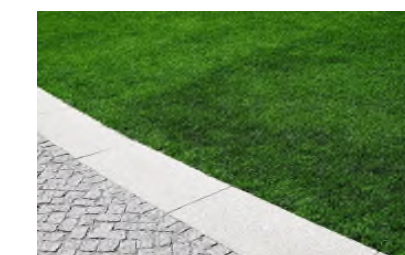


3 Rear 3D View



1 Proposed Block Plan
1 : 500
0m 10m 20m 30m 40m 50m
VISUAL SCALE 1:500

MATERIALS AND FINISHES



Grass and brick paved paths to entire site.



All roads and access points to the proposed site to have Tarmac finish.



Modern-like bike shelters to proposed site.



All parking and turning areas to the proposed site to have Tarmac finish.



Light bollards to run parralel with all access paths within the proposed site.



Areas within the bike-shelter areas to have knee rail fencing between the access paths and designated areas.

No.	Description	Date

COMPANY

Empire Construction.

PROJECT

University Lecture Hall Project, Langdon Road, Swansea, SA1 1LY.

TITLE

Proposed Block Plan and 3D Views.

CLIENT

UWTSD. Prifysgol Cymru Y Drindod Dewi Sant University of Wales Trinity Saint David

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LL.B	M.L	10/03/2023
SCALE (@ A1)		PROJECT NUMBER
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