



Project: University Lecture Hall Project  
Client: UWTSD

# Model History

[illegible]

## Outstanding Issues/User Notes

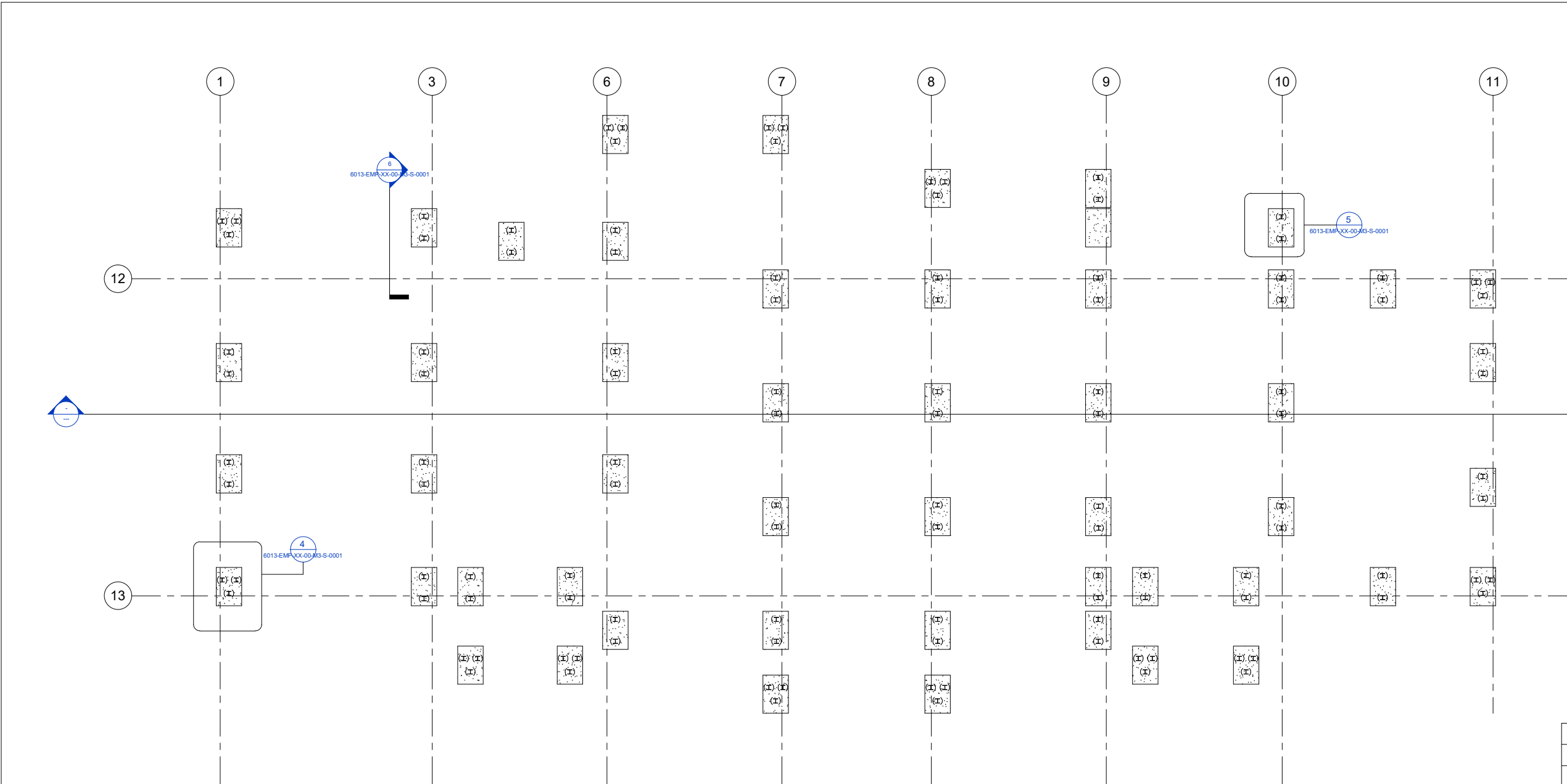
# Model Information Page

Revit Version

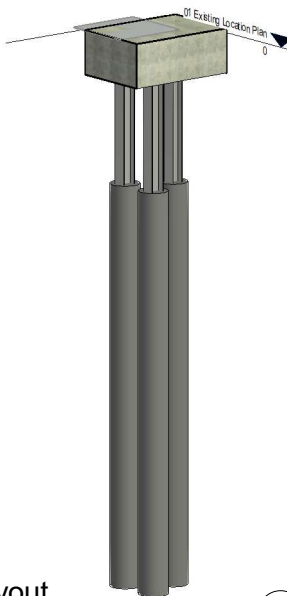
Contract No  
6013

Issuing Office

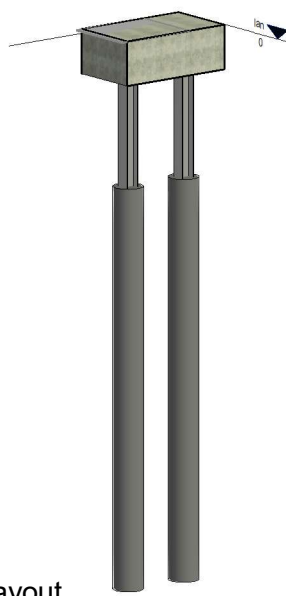
| Project                  | Org | Vol | Lvl | Type | Role | Number | Status |
|--------------------------|-----|-----|-----|------|------|--------|--------|
| 6013-EMP-XX-00-M3-S-1000 |     |     |     |      |      |        | S0     |



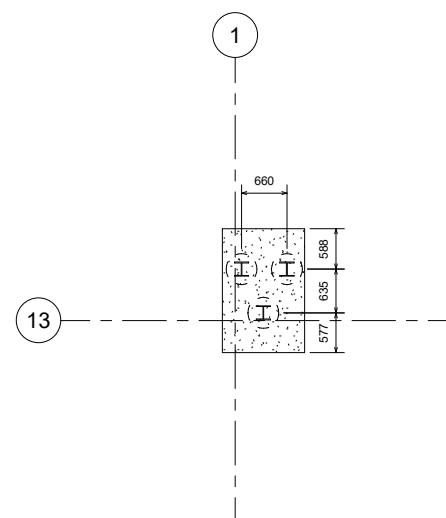
1 Structural Piles Layout  
1 : 100



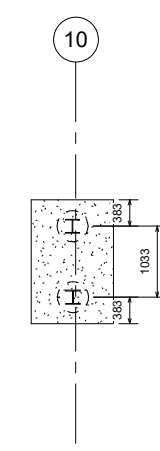
2 Group of 3 Piles Layout



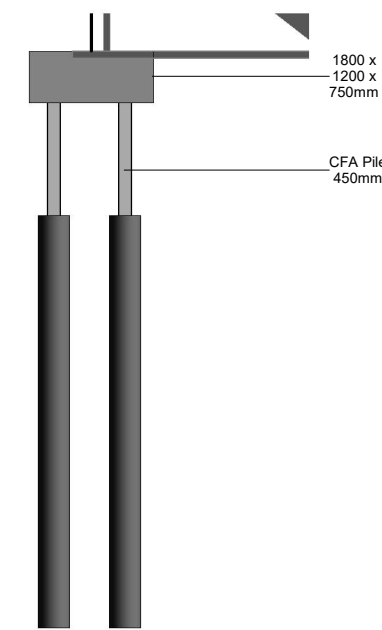
3 Group of 2 Piles Layout



4 Structural Piles Layout - Callout 1  
1 : 50



5 Structural Piles Layout - Callout 2  
1 : 50

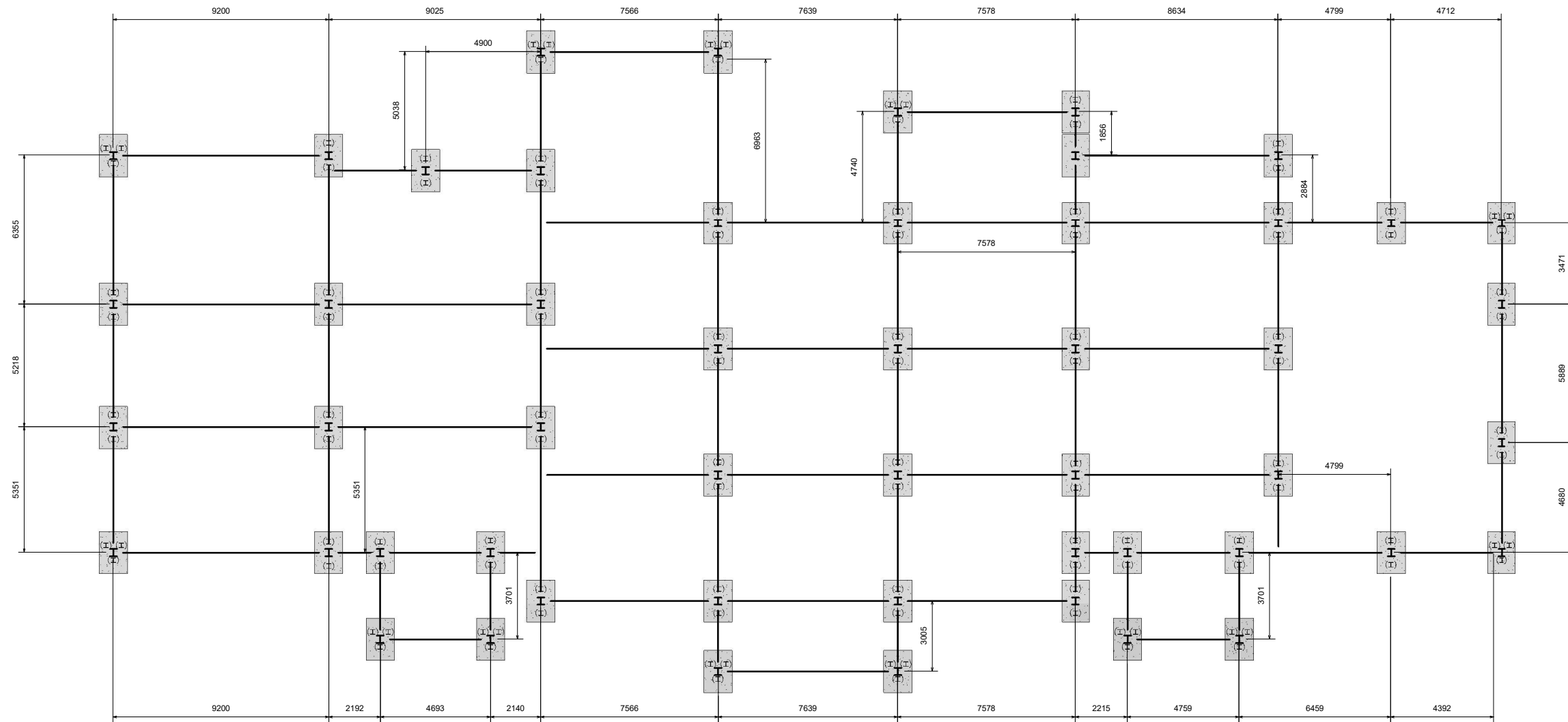


6 Section - Piles  
1 : 50

| REV. | Description | Date     |
|------|-------------|----------|
| PO1  | WIP         | 03/05/23 |
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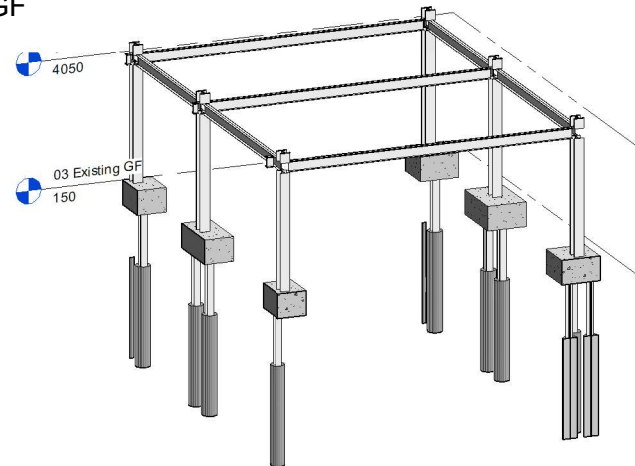
|                                                                     |             |                                                                                      |
|---------------------------------------------------------------------|-------------|--------------------------------------------------------------------------------------|
| COMPANY                                                             |             |                                                                                      |
| Empire Construction                                                 |             |                                                                                      |
| PROJECT                                                             |             |                                                                                      |
| University Lecture Hall<br>ProjectLangdon Road,<br>Swansea, SA1 1LY |             |                                                                                      |
| TITLE                                                               |             |                                                                                      |
| Piles with Section and 3D Views                                     |             |                                                                                      |
| CLIENT                                                              |             |                                                                                      |
| UWTSD                                                               |             | Prifysgol Cymru<br>Y Drindod Dewi Sant<br>University of Wales<br>Trinity Saint David |
| DRAWN BY                                                            | BIM MANAGER | DATE                                                                                 |
| ML                                                                  | ML          | 03/05/23                                                                             |
| SCALE (@ A1)                                                        |             | PROJECT NUMBER                                                                       |
| As indicated                                                        |             | 6013                                                                                 |
| DRAWING NUMBER                                                      |             |                                                                                      |
| 6013-EMP-XX-00-M3-S-0001                                            |             |                                                                                      |

27/04/2023 15:40:35



1 03 Existing GF  
1 : 100

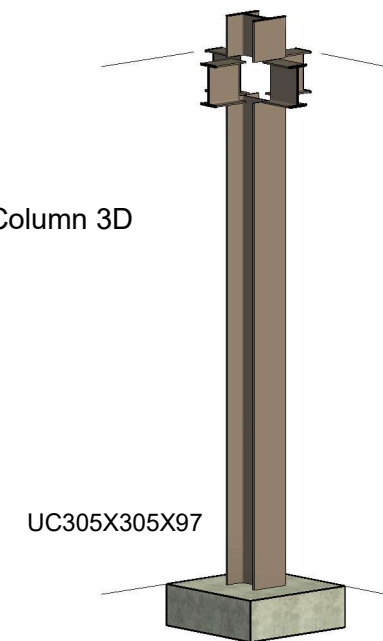
2 3D View - Foundations to GF



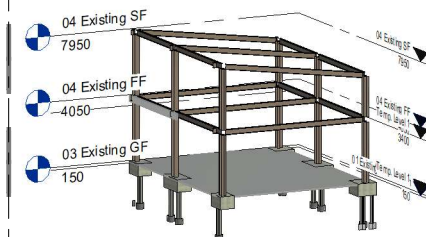
3 Beam 3D



4 Column 3D



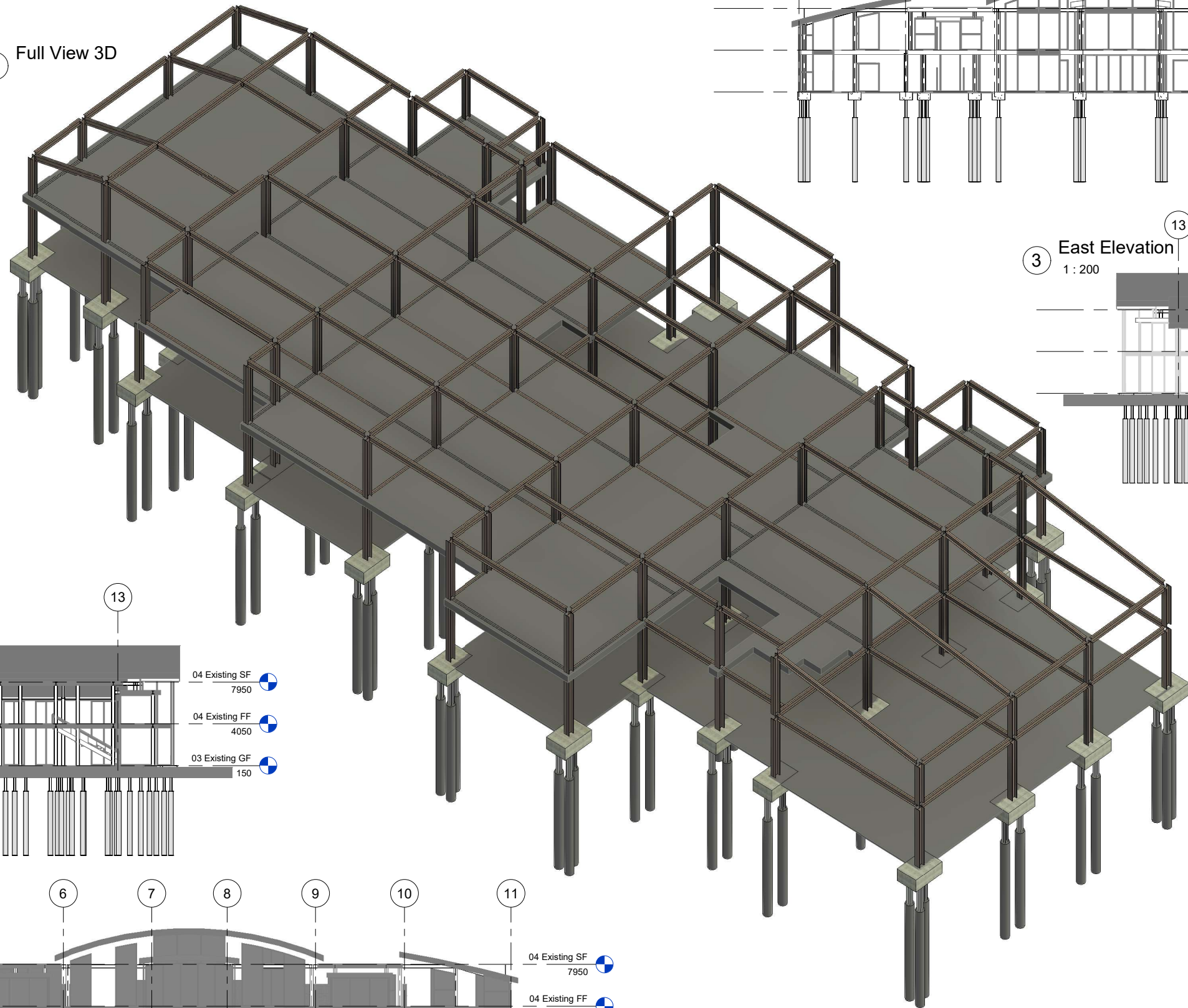
| REV.                                                                | Description | Date                                                                                  |
|---------------------------------------------------------------------|-------------|---------------------------------------------------------------------------------------|
| P01                                                                 | WIP         | 03/05/23                                                                              |
|                                                                     |             |                                                                                       |
|                                                                     |             |                                                                                       |
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|                                                                     |             |                                                                                       |
|                                                                     |             |                                                                                       |
|                                                                     |             |                                                                                       |
| COMPANY                                                             |             |                                                                                       |
| Empire Construction                                                 |             |  |
| PROJECT                                                             |             |                                                                                       |
| University Lecture Hall<br>ProjectLangdon Road,<br>Swansea, SA1 1LY |             |                                                                                       |
| TITLE                                                               |             |                                                                                       |
| Ground Floor Strucutral Frame and Foundations                       |             |                                                                                       |
| CLIENT                                                              |             |                                                                                       |
| UWTSD                                                               |             |  |
| DRAWN BY                                                            | BIM MANAGER | DATE                                                                                  |
| ML                                                                  | ML          | 04/12/23                                                                              |
| SCALE (@ A1)                                                        |             | PROJECT NUMBER                                                                        |
| 1 : 100                                                             |             | 6013                                                                                  |
| DRAWING NUMBER                                                      |             | REV                                                                                   |
| 6013-EMP-XX-00-M3-S-0010                                            |             | 02/05/2023 11:03:55                                                                   |



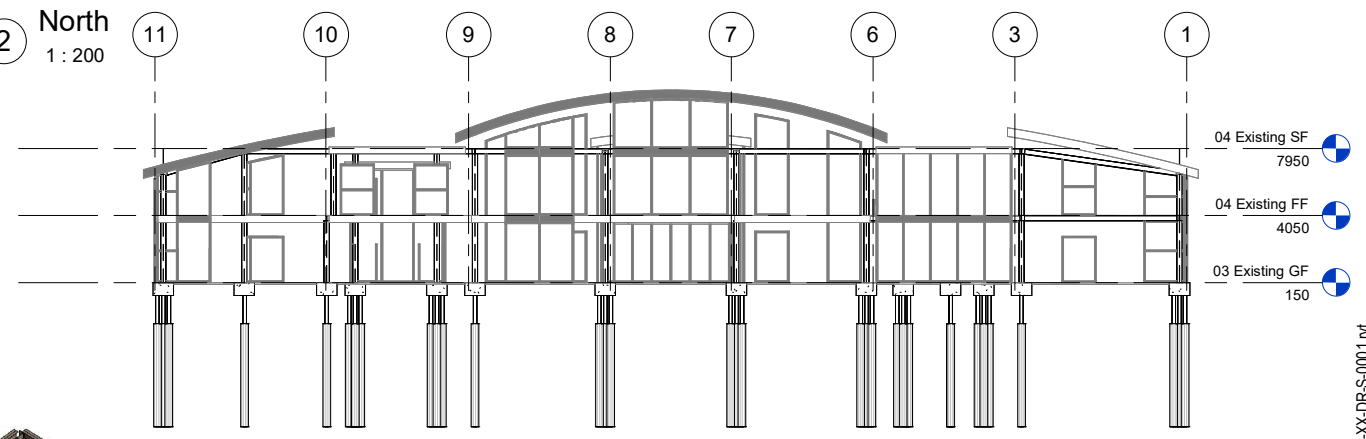
|                         |                         |         |      |
|-------------------------|-------------------------|---------|------|
| 1                       | Metal - Steel<br>43-275 | 0.04 m³ | 3900 |
| 1                       | Metal - Steel<br>43-275 | 0.04 m³ | 3900 |
| 1                       | Metal - Steel<br>43-275 | 0.04 m³ | 3900 |
| 1                       | Metal - Steel<br>43-275 | 0.04 m³ | 3900 |
| 1                       | Metal - Steel<br>43-275 | 0.04 m³ | 3900 |
| 1                       | Metal - Steel<br>43-275 | 0.04 m³ | 3900 |
| 1                       | Metal - Steel<br>43-275 | 0.04 m³ | 3900 |
| 1                       | Metal - Steel<br>43-275 | 0.04 m³ | 3900 |
| 1                       | Metal - Steel<br>43-275 | 0.04 m³ | 3900 |
| 1                       | Metal - Steel<br>43-275 | 0.04 m³ | 3900 |
| 1                       | Metal - Steel<br>43-275 | 0.04 m³ | 3900 |
| 1                       | Metal - Steel<br>43-275 | 0.04 m³ | 3900 |
| <b>Grand Total: 104</b> |                         |         |      |

|                                                                                                                                                                                         |                        |                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------|
| COMPANY                                                                                                                                                                                 |                        |                  |
| Empire Construction                                                                                                                                                                     |                        |                  |
|                                                                                                    |                        |                  |
| PROJECT                                                                                                                                                                                 |                        |                  |
| University Lecture Hall<br>ProjectLangdon Road,<br>Swansea, SA1 1LY                                                                                                                     |                        |                  |
| TITLE                                                                                                                                                                                   |                        |                  |
| First Floor Structural Frame and<br>Schedule                                                                                                                                            |                        |                  |
| CLIENT                                                                                                                                                                                  |                        |                  |
| UWTSDD<br><br>Prifysgol Cymru<br>Y Drindod Dewi Sant<br>University of Wales<br>Trinity Saint David |                        |                  |
| DRAWN BY<br>ML                                                                                                                                                                          | BIM MANAGER<br>ML      | DATE<br>03/05/23 |
| SCALE (@ A1)<br>1 : 100                                                                                                                                                                 | PROJECT NUMBER<br>6013 |                  |
| DRAWING NUMBER                                                                                                                                                                          |                        |                  |
| 6013-EMP-XX-00-M3-S-0011                                                                                                                                                                |                        |                  |

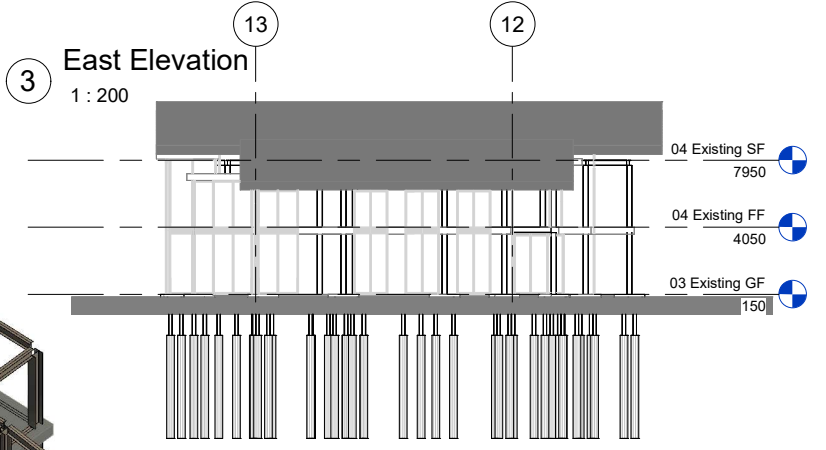
1 Full View 3D



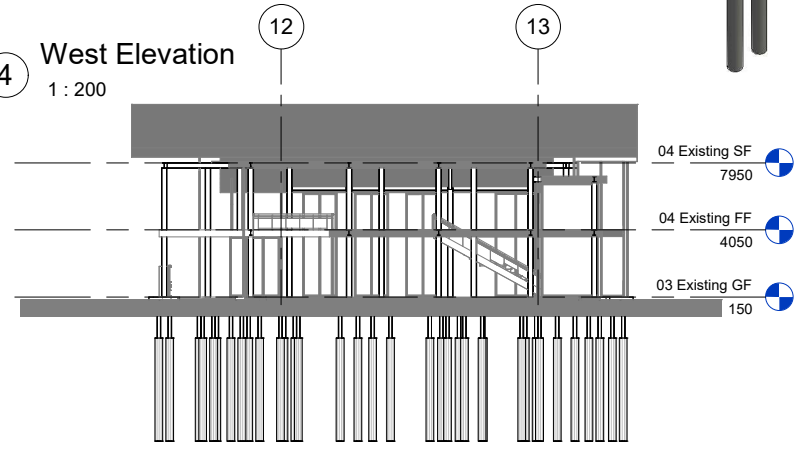
2 North  
1 : 200



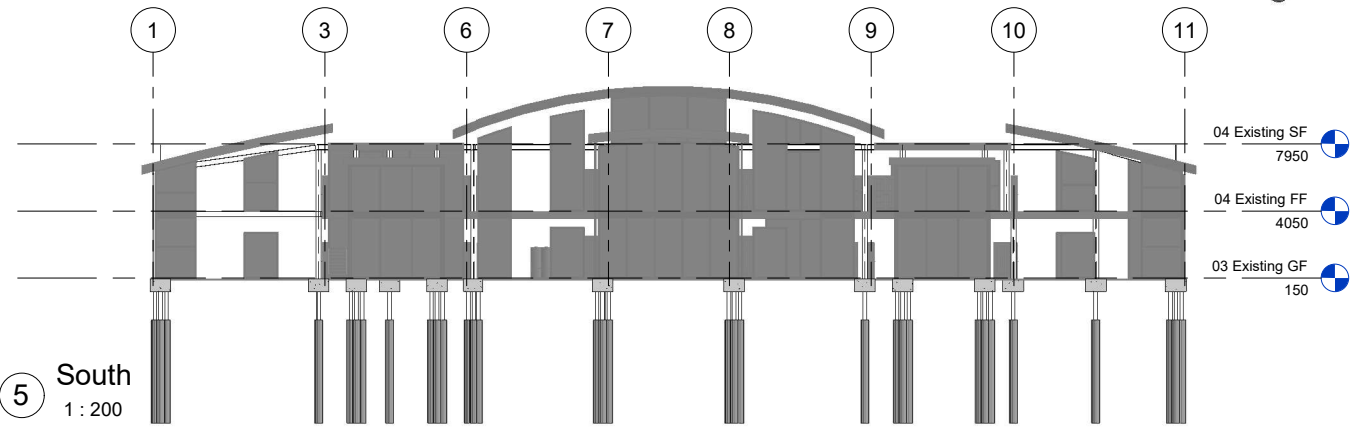
3 East Elevation  
1 : 200



4 West Elevation  
1 : 200

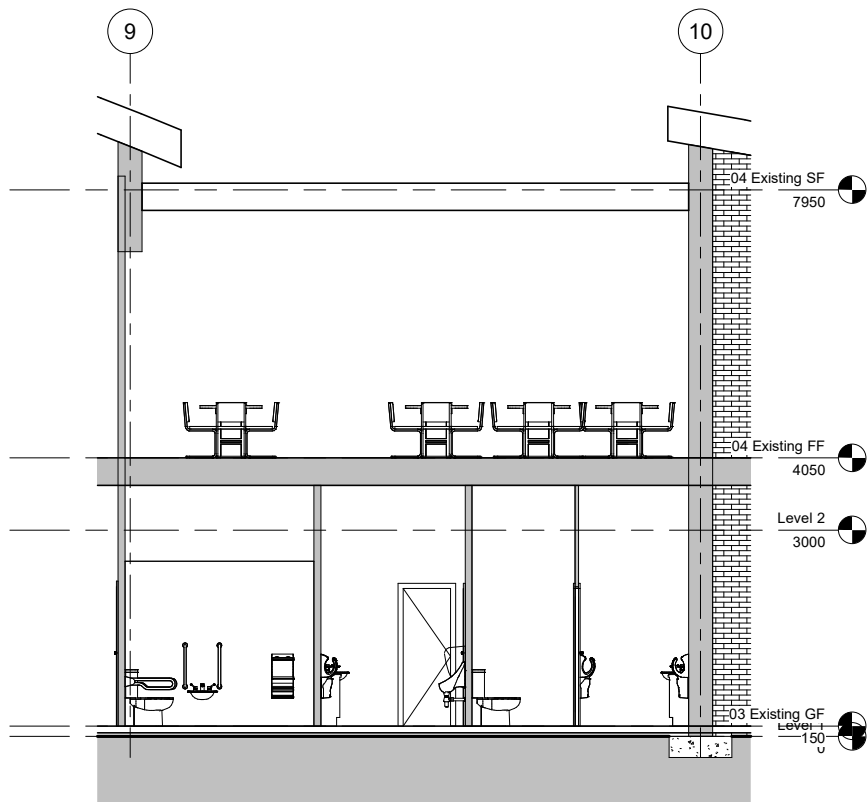


5 South  
1 : 200



| REV.                                                                | Description       | Date                                                                                                                                                                          |
|---------------------------------------------------------------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PO1                                                                 | WIP               | 03/05/23                                                                                                                                                                      |
|                                                                     |                   |                                                                                                                                                                               |
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|                                                                     |                   |                                                                                                                                                                               |
|                                                                     |                   |                                                                                                                                                                               |
| COMPANY                                                             |                   |                                                                                                                                                                               |
| Empire Construction                                                 |                   |                                                                                          |
| PROJECT                                                             |                   |                                                                                                                                                                               |
| University Lecture Hall<br>ProjectLangdon Road,<br>Swansea, SA1 1LY |                   |                                                                                                                                                                               |
| TITLE                                                               |                   |                                                                                                                                                                               |
| Structural Frame Full View with<br>Elevations                       |                   |                                                                                                                                                                               |
| CLIENT                                                              |                   |                                                                                                                                                                               |
| UWTSD                                                               |                   | <br>Prifysgol Cymru<br>Y Drindod Dewi Sant<br>University of Wales<br>Trinity Saint David |
| DRAWN BY<br>ML                                                      | BIM MANAGER<br>ML | DATE<br>03/05/23                                                                                                                                                              |
| SCALE (@ A1)<br>1 : 200                                             |                   | PROJECT NUMBER<br>6013                                                                                                                                                        |
| DRAWING NUMBER<br>6013-EMP-XX-00-M3-S-0013                          |                   | 27/04/2023 15:41:05                                                                                                                                                           |

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Technical Section  
1 : 50



Technical Section 2  
1 : 50

PUBLIC HEALTH SPECIFICATION

PUBLIC HEALTH SYSTEMS TO BE PROVIDED:

PIPEWORK AND FLOR RATES THROUGHTUT THE PROJECT TO BE DETERMINED USING LOADING UNITS AS DEFINED BY CIPHE INSTITUTE OF PLUMBING GUIDE.

ABOVE GROUND DRAINAGE SYSTEMS WILL BE SIZED ACCORDING TO BS EN 12056-2:2000 FOR SYSTEM 3. FREQUESNCY FACTOR OF THE DEVELOPMENT IS ESTIMATED AT 0.7(K).

MECHANICAL SPECIFICATION

MECHANICAL SYSTEMS TO BE PROVIDED:

- DOMESTIC HOT AND COLD WATER SERVICES
- HEATING AND COOLING PLANT AND DISTRIBUTION SYSTEMS
- SUPPLY AND EXTRACT VENTILATION SYSTEMS
- LOCAL COOLING UNITS
- ACOUSTIC TREATMENT FOR BUILDING SERVICES PLANT

ELECTRICAL SPECIFICATION

ELECTRICAL SYSTEMS TO BE PROVIDED:

- LOW VOLTAGE DISTRIBUTION SYSTEM
- DISTRIBUTION BOARDS
- BACLE CONTAINMENT SYSTEMS
- SMALL POWER INSTALLATION
- LIGHTING INSTALLATIONS
- EMERGENCY LIGHTING
- FIRE AND SECURITY SYSTEMS
- ELECTRICAL WORKS ASSOCIATED WITH MECHANICAL PLANT AND EQUIPMENT

| REV. | Description | Date     |
|------|-------------|----------|
| P01  | WIP         | 03/05/23 |
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|      |             |          |
|      |             |          |

COMPANY

Empire Construction



PROJECT

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

TITLE

Technical Design Specification

CLIENT



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

DRAWN BY

ML

BIM MANAGER

ML

DATE

03/07/23

SCALE (@ A1)

1 : 50

PROJECT NUMBER

6013

DRAWING NUMBER

6013-EMP-XX-ZZ-M3-A-0001

REV

02/05/2023 14:59:15