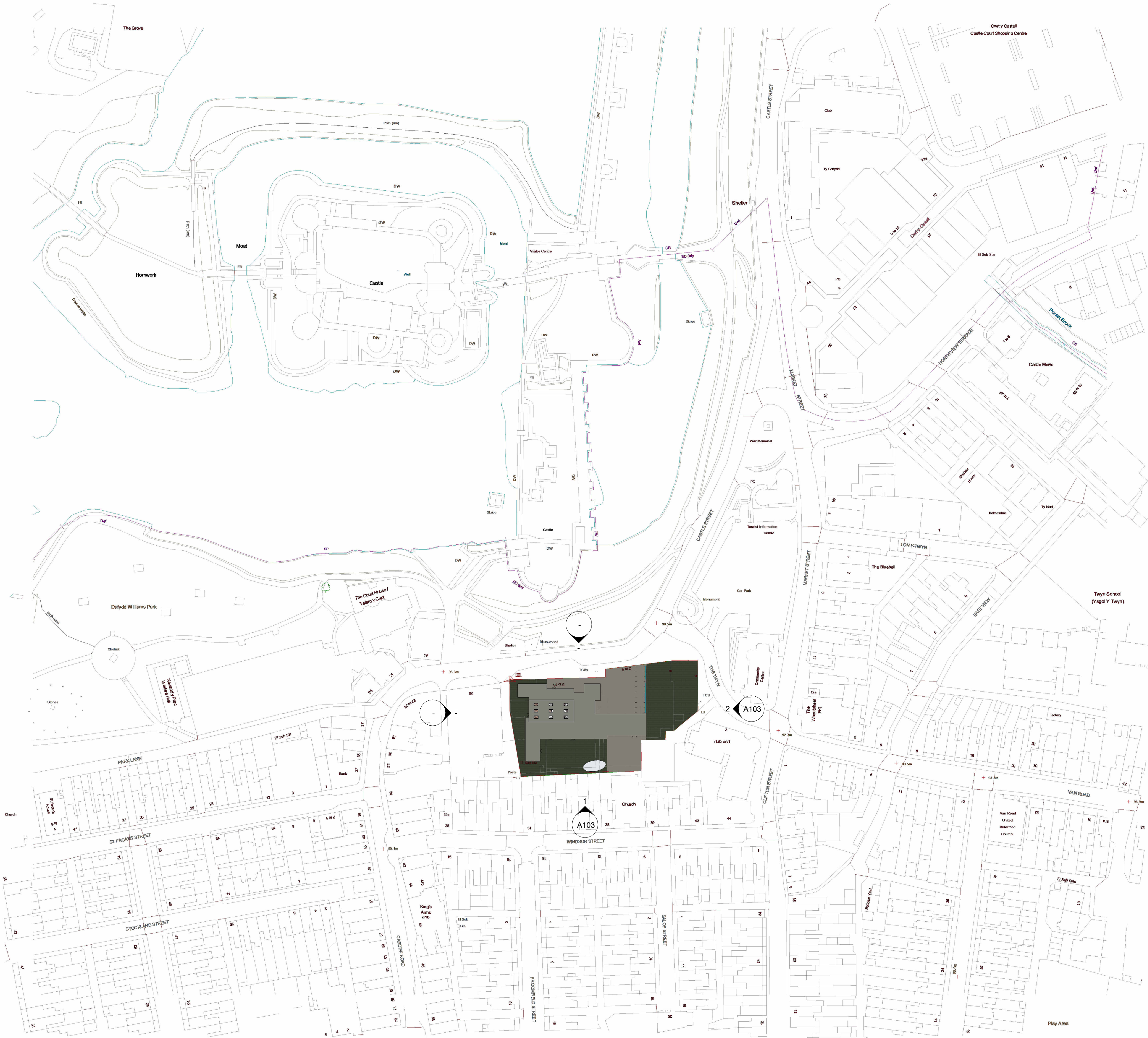


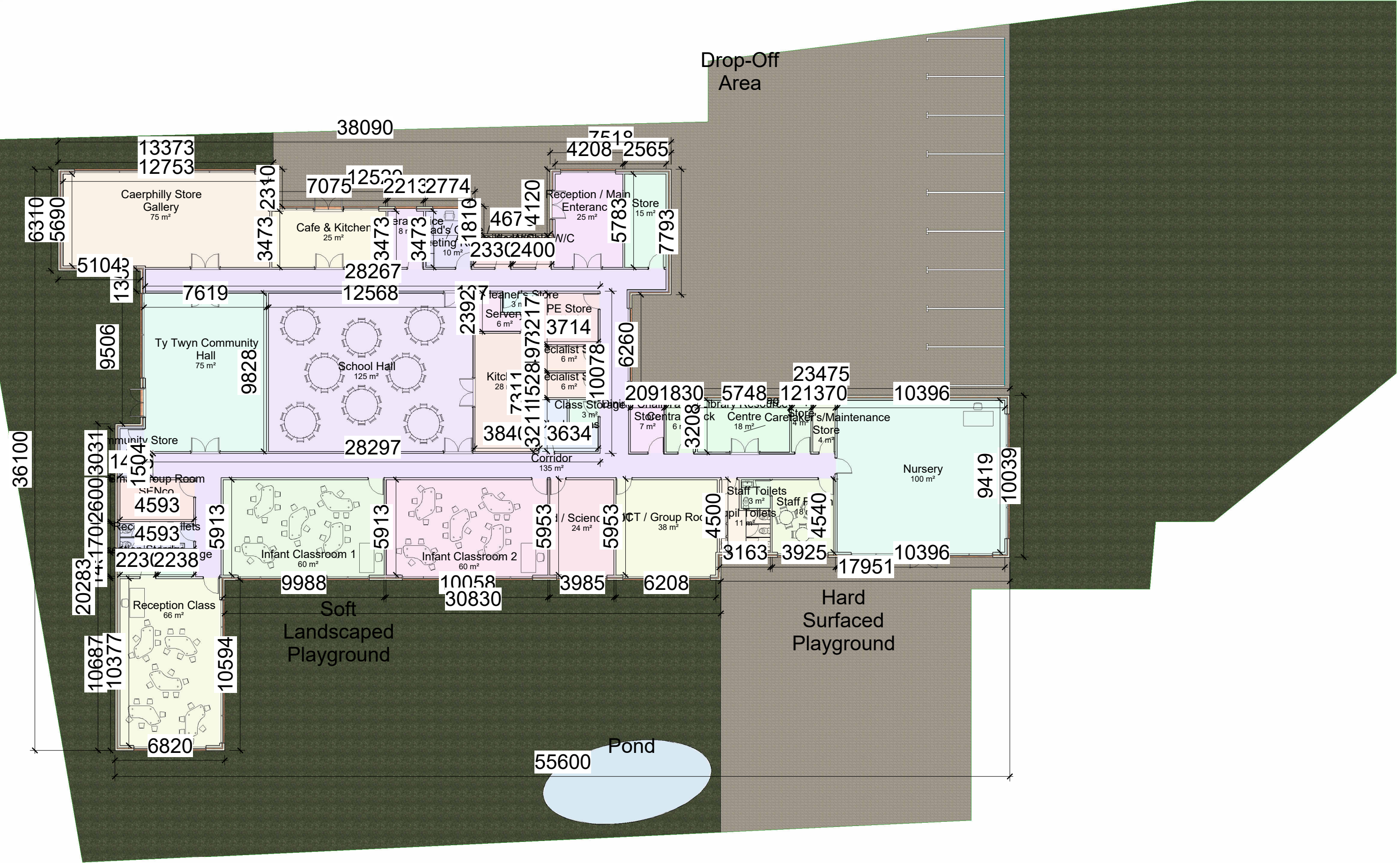


1 Site Location Plan
1 : 1000

Property Title Ysgol Ty Gwyn	Detail Site Location Plan	Property — Originator — XX (zone) Functional Breakdown — (Level) Spatial Breakdown — (Type) Form — Discipline — Number — Designer A101 — Description — Status — Revision — 0001 — Site Location Plan — Project Status — File Path: C:\Users\2104114\OneDrive - University of Wales Trinity Saint David\BIM Assignment Y3\A_YsgolTYwyn_ARC.rvt	scale 1 : 1000 date 04/24/26	drawn Author checked Checker	Prifysgol Cymru Y Drindod Dewi Sant University of Wales SA1 Campus Kings Road Swansea SA1 8RD	(S0) UNCONTROLLED Not to be used as a reference document Check Status Before Quoting	Rev/Date/By Revision
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By Room Name Legend

- Accessible W/C
- Caerphilly Store Gallery
- Cafe & Kitchen
- Caretaker's/Maintenance Store
- Central Stock
- Class Storage
- Cleaner's Store
- Cloakrooms
- Community Store
- Corridor
- Dining Chair/Table Store
- Drop-Off Area
- Food / Science / DT
- General Office
- Hard Surfaced Playground
- Head's Office / Meeting Room
- ICT / Group Room
- Infant Classroom 1
- Infant Classroom 2
- Kitchen
- Library Resource Centre
- Nursery
- PE Store
- Pond
- Pupil Toilets
- Reception / Main Entrance
- Reception Class
- Reception Storage
- Reception Toilets
- School Hall
- Servery
- Small Group Room SENco
- Soft Landscaped Playground
- Specialist Store
- Staff Room
- Staff Toilets
- Staging/Appliance Store
- Store
- Ty Twyn Community Hall



1 Proposed General Arrangement Floor Plan
1 : 200



Property Title
Ysgol Ty Gwyn

Detail
Proposed General Arrangement Floor Plan

Property	Originator	(zone) Functional Breakdown	(Level) Spatial Breakdown	(Type) Form	Discipline	Number	Description	Status	Revision
0001	—	—	XX	—	—	Designer A102	Proposed General Arrangement Floor Plan	Project Status	—
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scale
1 : 200

date
04/24/26

drawn
Ryan Jones

checked

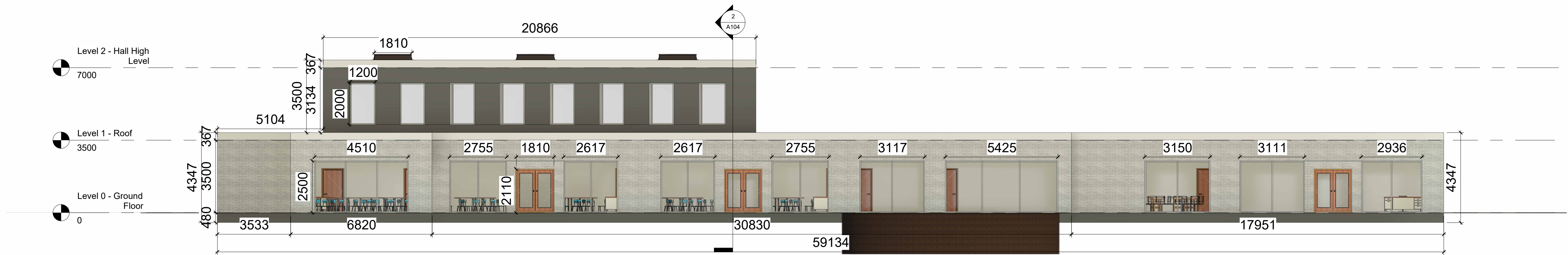
Checker

Prifysgol Cymru Y Drindod Dewi Sant
University of Wales Trinity Saint David
SA1 Campus
Kings Road
Swansea
SA1 8RD

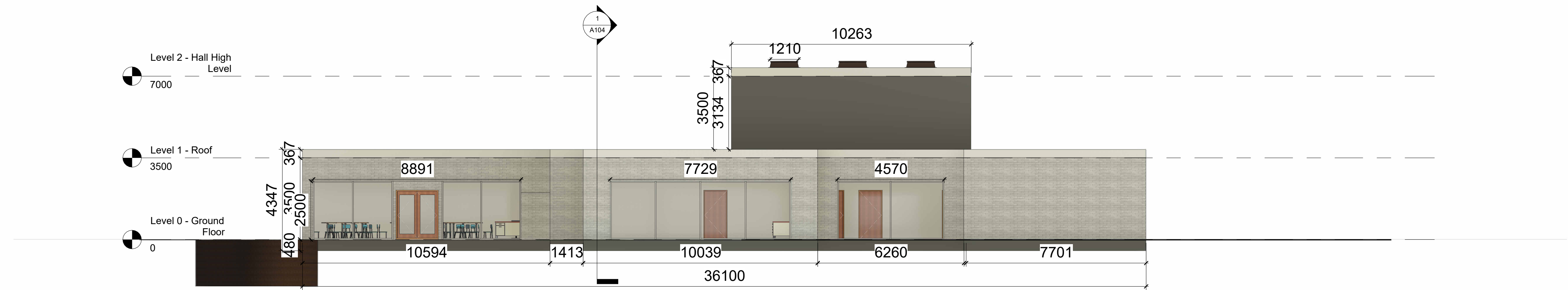


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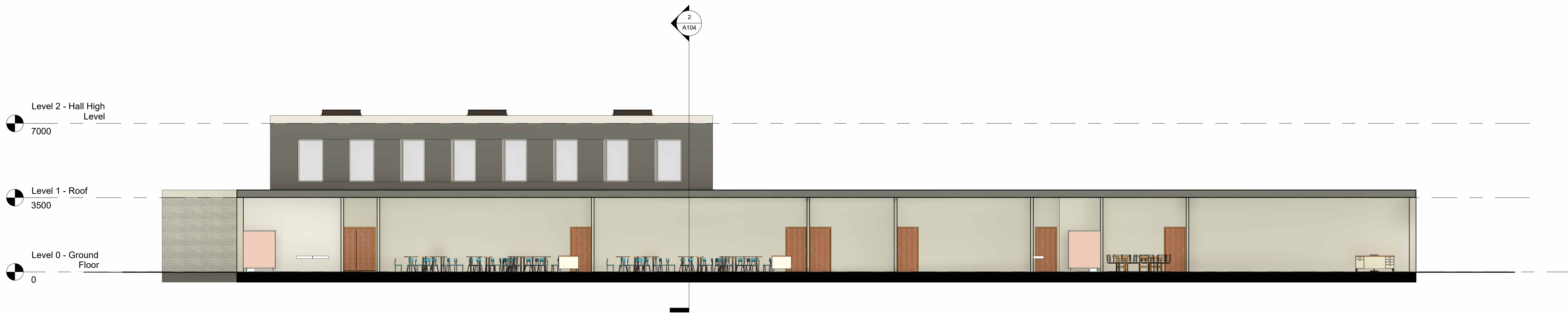
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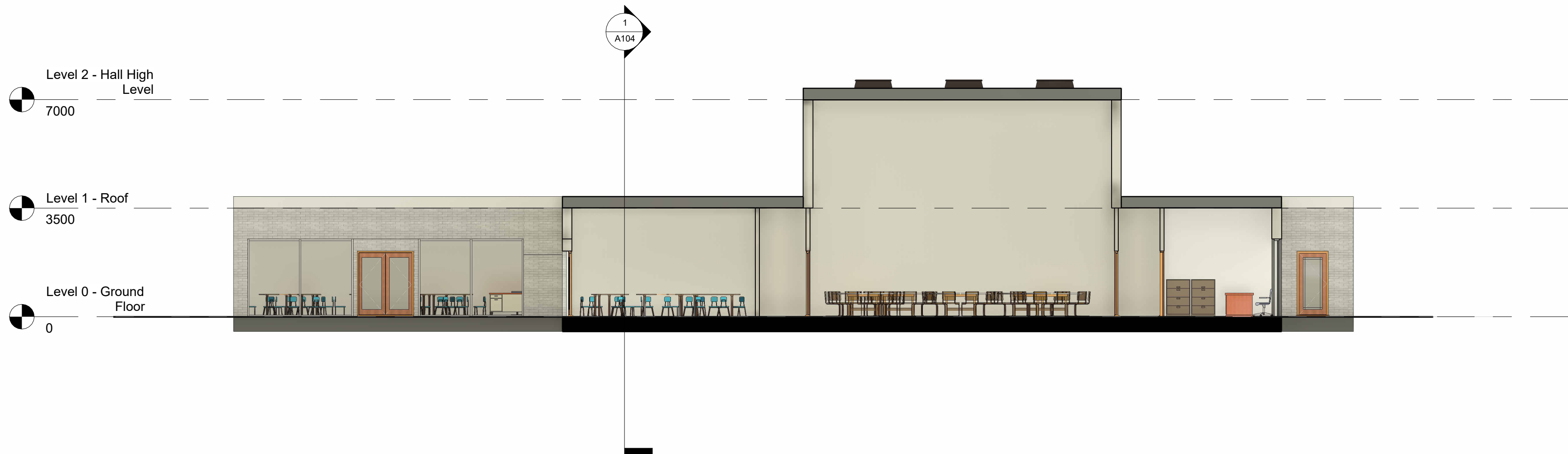
1 Elevation 1 - South
1 : 100



2 Elevation 2 - East
1 : 100



1 Section 1
1 : 100

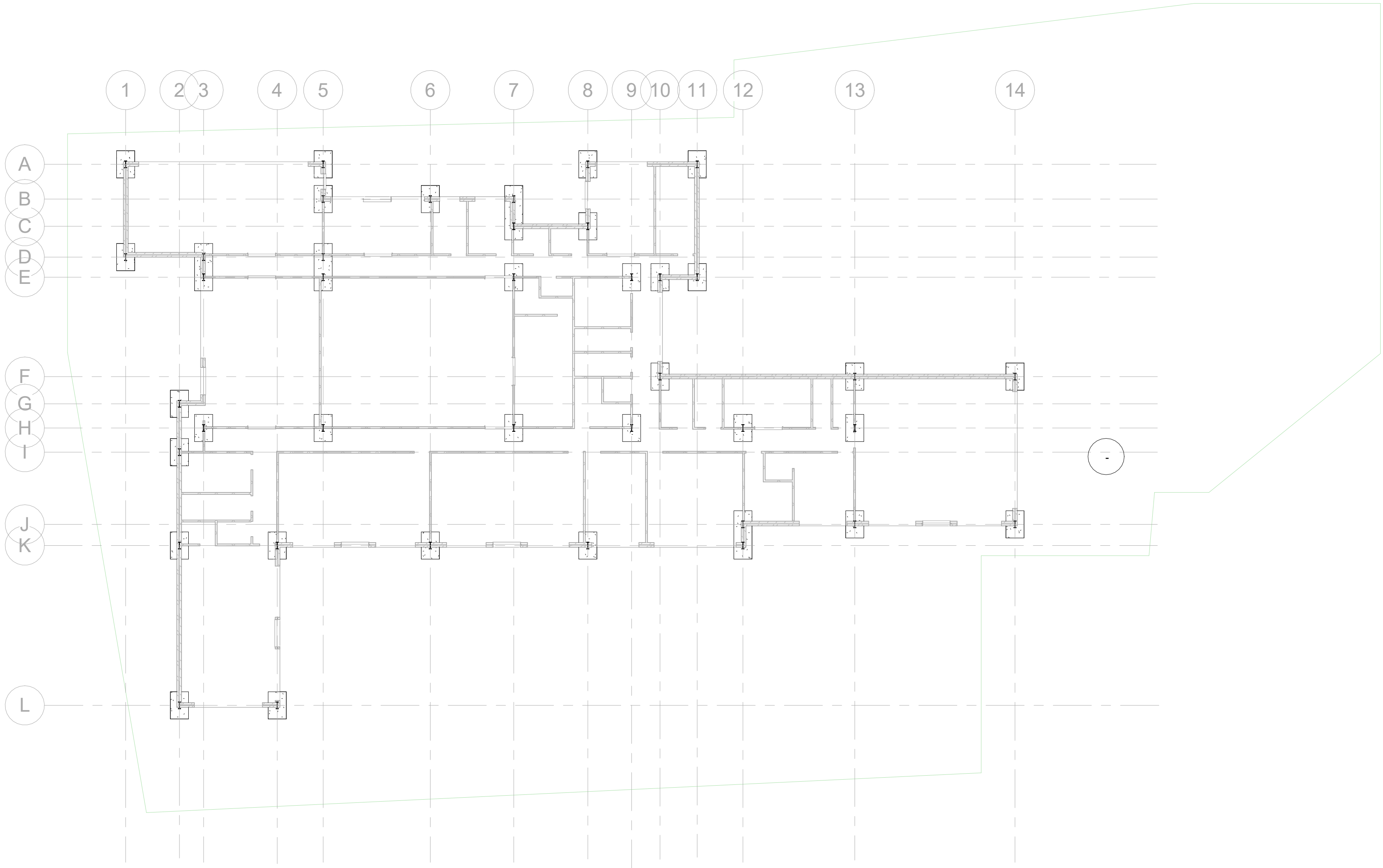


2 Section 2
1 : 100

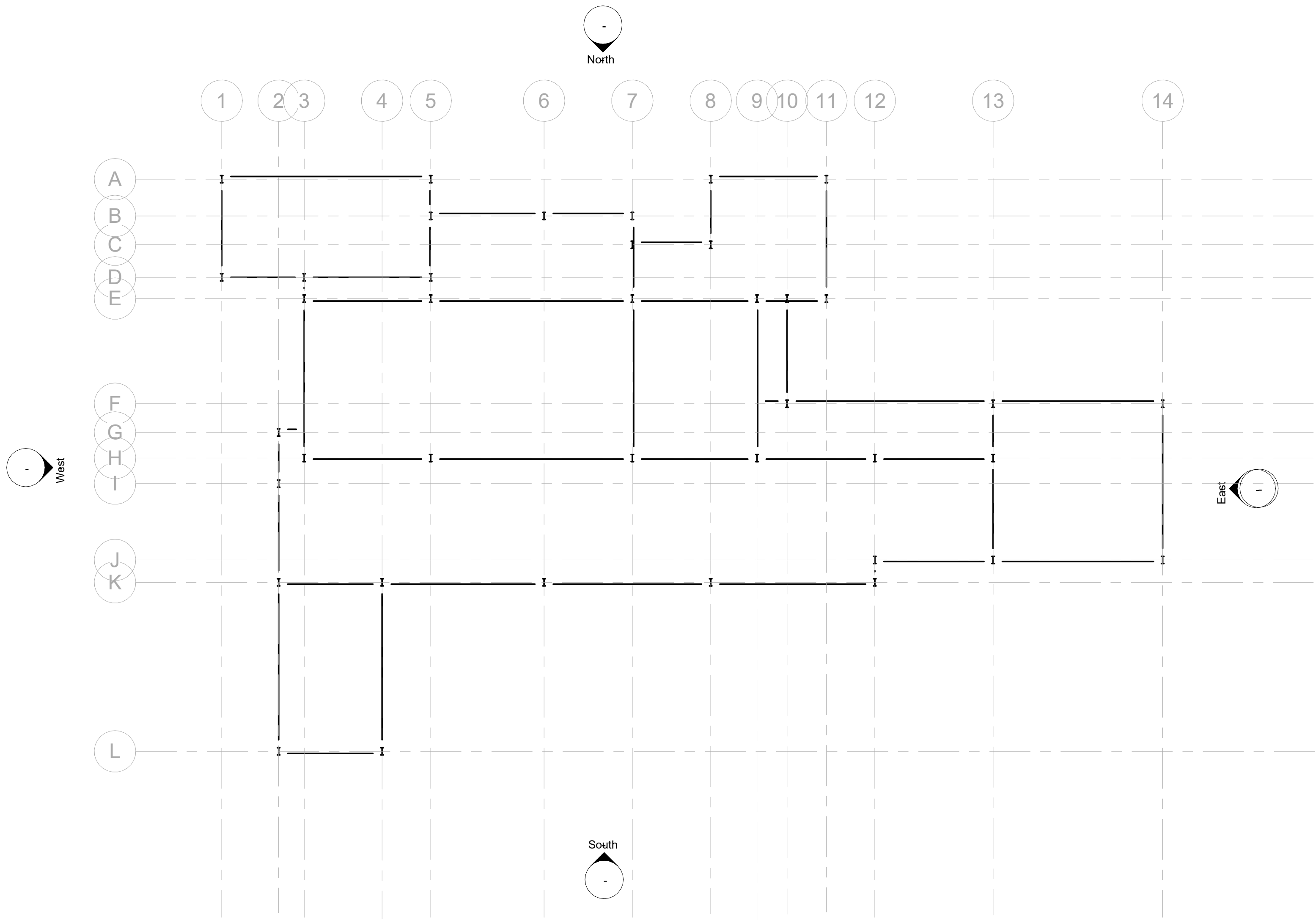


1 Main External Axonometric

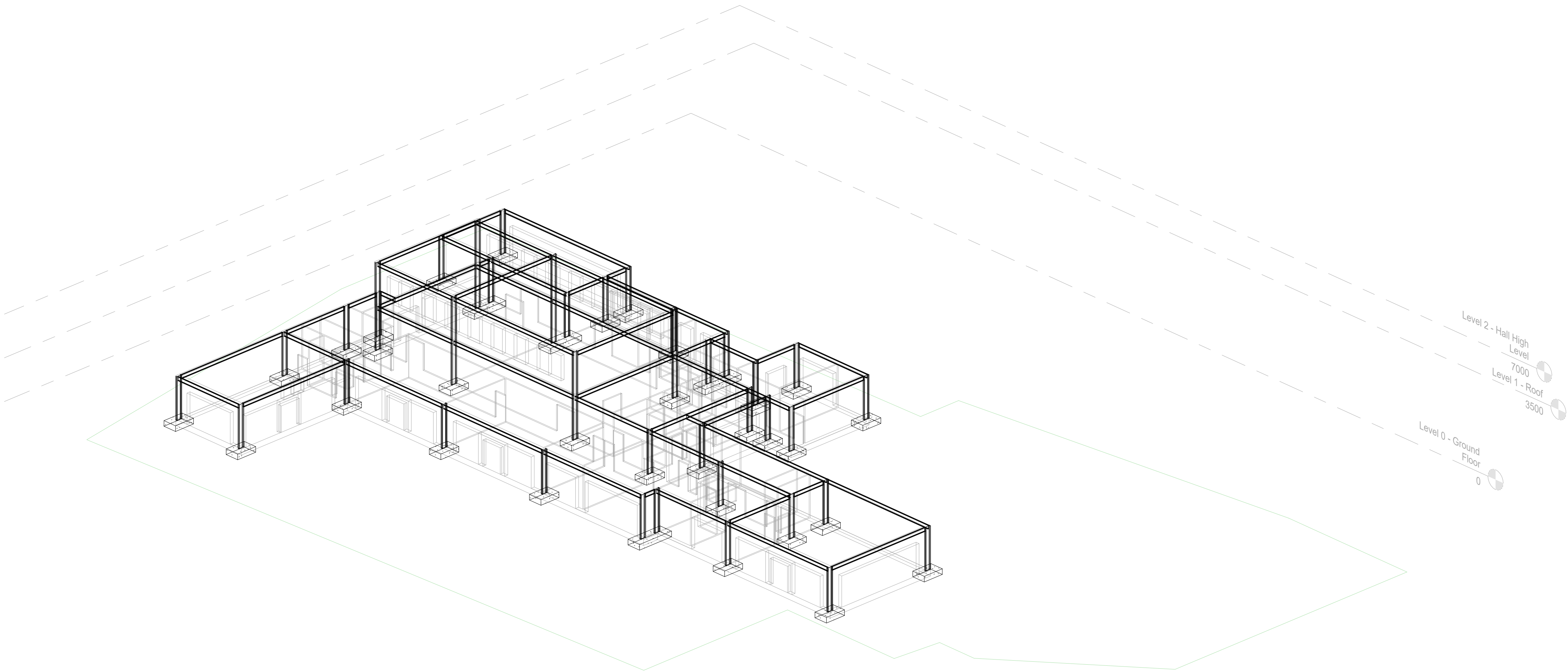
Property Title Ysgol Ty Gwyn	Detail Proposed Visualisations											scale	drawn		(S0) UNCONTROLLED Not to be used as a reference document Check Status Before Quoting	Rev/Date/By Revision
		Property	Originator	(zone) Functional Breakdown	(Level) Spatial Breakdown	(Type) Form	Discipline	Number	Description	Status	Revision	date	checked			
		0001	XX				Designer	A105	Proposed Visualisations	Project Status		04/24/26	Checker			
		File Path: C:\Users\2104114\OneDrive - University of Wales Trinity Saint David\BIM Assignment Y3\A_YsgolYTwyn_ARC.rvt														



1 Foundations Plan
1 : 200



1 Primary Structure Plan
1 : 200



1 Structural Visualisation

Multi-Category Material Takeoff 2

Material: Name	Family and Type	Material: Are: Material: Volume	Count
Air	Basic Wall: Wall-Ext_102Bwk-50Air-45Ins-100DBlk-12P	<varies> <varies>	63
Air	Basic Wall: Wall-Ext_102Bwk-50Air-45Ins-100DBlk-12P 2	<varies> <varies>	25
Aluminium	Rectangular Mullion: 50x150mm	<varies> <varies>	221
Brick	Engineering	Basic Wall: V <varies>	<varies> 63
Cherry	Furniture_Desk: 1830x915mm	4 m ² 0.07 m ³	4
Concrete	Floor: Concrete	<varies> <varies>	2
Concrete	Floor: Floor-Grnd-Bearing_65Scr-90Ins-125Conc-50SBld-150Hcore	1113 m ² 139.15 m ³	1
Concrete Masonry Units	Basic Wall: Wall-Int_12P-100Blik-12P	<varies> <varies>	48
Concrete Masonry Units _High Density	Basic Wall: Wall-Ext_102Bwk-50Air-45Ins-100DBlk-12P	<varies> <varies>	63
Concrete Masonry Units _High Density	Basic Wall: Wall-Ext_102Bwk-50Air-45Ins-100DBlk-12P 2	<varies> <varies>	25
Concrete	Cast In Situ	Basic Roof: R <varies>	<varies> 2
Concrete	Sand/Cement Screed	Basic Roof: R <varies>	<varies> 2
Damp-proofing	Floor: Floor-Grnd-Bearing_65Scr-90Ins-125Conc-50SBld-150Hcore	1113 m ² 0.00 m ³	1
Door - Architrave	Doors_IntSgl: 1010x2110mm	2 m ² 0.01 m ³	30
Door - Frame/Mullion	Doors_ExtDbt_1: 1810x2110mm	3 m ² 0.04 m ³	7
Door - Frame/Mullion	Doors_ExtDbt_Flush: 1810x2110mm	3 m ² 0.04 m ³	9
Door - Frame/Mullion	Doors_ExtSgl_7: 1010x2110mm	2 m ² 0.03 m ³	1
Door - Frame/Mullion (1)	Doors_IntSgl: 1010x2110mm	2 m ² 0.02 m ³	30
Door - Glazing	Doors_ExtDbt_1: 1810x2110mm	4 m ² 0.05 m ³	7
Door - Glazing	Doors_ExtSgl_7: 1010x2110mm	2 m ² 0.02 m ³	1
Door - Handle	Doors_ExtDbt_1: 1810x2110mm	0 m ² 0.00 m ³	7
Door - Handle	Doors_ExtDbt_Flush: 1810x2110mm	0 m ² 0.00 m ³	9
Door - Handle	Doors_ExtSgl_7: 1010x2110mm	0 m ² 0.00 m ³	1
Door - Handle	Doors_IntSgl: 1010x2110mm	0 m ² 0.00 m ³	30
Door - Panel	Doors_ExtDbt_1: 1810x2110mm	5 m ² 0.06 m ³	7
Door - Panel	Doors_ExtDbt_Flush: 1810x2110mm	7 m ² 0.15 m ³	9
Door - Panel	Doors_ExtSgl_7: 1010x2110mm	3 m ² 0.04 m ³	1
Door - Panel	Doors_IntSgl: 1010x2110mm	4 m ² 0.07 m ³	30
Earth	Toposolid: Water - 2000mm	42 m ² 20.81 m ³	1
Fiberglass Batt	Basic Wall: Wall-Ext_102Bwk-50Air-45Ins-100DBlk-12P	<varies> <varies>	63
Fiberglass Batt	Basic Wall: Wall-Ext_102Bwk-50Air-45Ins-100DBlk-12P 2	<varies> <varies>	25
Glass	System Panel: Glazed	<varies> <varies>	62
Glass	Windows_Roof_Light: 1810x1210mm	4 m ² 0.02 m ³	9
Grass	Floor: Grass	<varies> <varies>	2
Laminate - Linen	Matte	Furniture_Tal 1 m ²	0.02 m ³ 3
Laminate - Linen	Matte	Furniture_Tal 7 m ²	0.12 m ³ 8
Laminate	Ivory	Matte Furniture_Desk: 1830x915mm	7 m ² 0.46 m ³ 4
Metal - Bronze	Light Brush	Windows_Ro 6 m ²	0.04 m ³ 9
Metal - Chrome	Chair (2): Chair (2)	0 m ² 0.00 m ³	92
Metal - Chrome	Furniture_Chair_Desk_1: 530x475x405mm	0 m ² 0.00 m ³	4
Metal - Chrome	Furniture_Chair_Student_mall: 365x330x	0 m ² 0.00 m ³	90
Metal - Chrome	Furniture_Desk_Corner_L-Shape: 2000x1200x725mm	1 m ² 0.01 m ³	15
Metal - Chrome	Plumbing_Fixtures_WC_Dis_w-Cistern: 540x360x890mm	0 m ² 0.00 m ³	6
Metal - Steel	Furniture_Cabinet_File_Lateral_4-Drawer: 760 x 500 x 1200mm	7 m ² 0.09 m ³	2
Plaster	Basic Roof: Roof_Flat-4Felt-150Ins-50Scr-150Conc-12Pir	<varies> <varies>	2
Plaster	Basic Wall: Wall-Ext_102Bwk-50Air-45Ins-100DBlk-12P	<varies> <varies>	63
Plaster	Basic Wall: Wall-Ext_102Bwk-50Air-45Ins-100DBlk-12P 2	<varies> <varies>	25
Plaster	Basic Wall: Wall-Int_12P-100Blik-12P	<varies> <varies>	48
Plastic - Black	Furniture_Chair_Desk_w-Armrest_2: 635x686x380mm	1 m ² 0.00 m ³	1
Plastic - Black	Plumbing_Fixtures_WC_Dis_w-Cistern: 540x360x890mm	0 m ² 0.00 m ³	6
Plastic - Blue	Sky	Medium Furniture_Chair_Student_mall: 365x330x	0 m ² 0.00 m ³ 90
Porcelain	Plumbing_Fixtures_Sink_Cleaners_Wall-based_2: 650x500x125mm	3 m ² 0.02 m ³	6
Porcelain	Plumbing_Fixtures_WC_Dis_w-Cistern: 540x360x890mm	2 m ² 0.04 m ³	6
Render Material 88-19-23	Basic Wall: Wall-Ext_102Bwk-50Air-45Ins-100DBlk-12P 2	<varies> <varies>	25
Rigid insulation	Basic Roof: Roof_Flat-4Felt-150Ins-50Scr-150Conc-12Pir	<varies> <varies>	2
Rigid insulation	Floor: Floor-Grnd-Bearing_65Scr-90Ins-125Conc-50SBld-150Hcore	1113 m ² 100.19 m ³	1
Roofing Felt	Basic Roof: Roof_Flat-4Felt-150Ins-50Scr-150Conc-12Pir	<varies> <varies>	2
Sand	Floor: Floor-Grnd-Bearing_65Scr-90Ins-125Conc-50SBld-150Hcore	1113 m ² 55.66 m ³	1
Site - Hardcore	Floor: Floor-Grnd-Bearing_65Scr-90Ins-125Conc-50SBld-150Hcore	1113 m ² 166.98 m ³	1
Steel	Chrome Plated	Furniture_De 0 m ²	0.00 m ³ 4
Textile - Bamboo Weave	Chair (2): Chair (2)	1 m ² 0.01 m ³	92
Textile - Slate Blue	Furniture_Chair_Desk_1: 530x475x405mm	1 m ² 0.02 m ³	4
Textile - Slate Blue	Furniture_Chair_Desk_w-Armrest_2: 635x686x380mm	1 m ² 0.03 m ³	1
Toilet Cubicle Feet	Plumbing_Fixtures_Toilet_Cubicle_Middle_Sec: 800x1500x1800mm_Cube	0 m ² 0.00 m ³	5
Toilet Cubicle Frame	Plumbing_Fixtures_Toilet_Cubicle_Middle_Sec: 800x1500x1800mm_Cube	1 m ² 0.01 m ³	5
Toilet Cubicle Paneling	Plumbing_Fixtures_Toilet_Cubicle_Middle_Sec: 800x1500x1800mm_Cube	13 m ² 0.13 m ³	5
Vapor Retarder	Basic Roof: Roof_Flat-4Felt-150Ins-50Scr-150Conc-12Pir	<varies> <varies>	2
Vapor Retarder	Floor: Floor-Grnd-Bearing_65Scr-90Ins-125Conc-50SBld-150Hcore	1113 m ² 0.00 m ³	1
Water	Toposolid: Water - 2000mm	42 m ² 62.44 m ³	1
Wood - Birch	Furniture_Desk_Corner_L-Shape: 2000x1200x725mm	3 m ² 0.04 m ³	15
Wood - Mahogany	Furniture_Desk_Executive_Rectangular: 2130x915x760mm	13 m ² 0.70 m ³	1
Wood - Pine	Furniture_Table_Dining_w-Chairs_Round: 900mm_Diameter-760mm_Height	1 m ² 0.01 m ³	3
Wood - Pine	Furniture_Table_Dining_w-Chairs_Round: 2000mm_Diameter-760mm_Height	2 m ² 0.02 m ³	8
Wood Planks	Floor: Floor-Grnd-Bearing_65Scr-90Ins-125Conc-50SBld-150Hcore	1113 m ² 72.36 m ³	1
Concrete - Cast-in-Place Concrete	Footcree-Rectangular: 1800 x 1200 x 450mm	<varies> <varies>	40
Metal - Steel 43-275	UB-Universal Beams-Column: UB457x152x52	<varies> <varies>	39
Metal - Steel 43-275	UB-Universal Beams: UB305x102x25	<varies> <varies>	53