

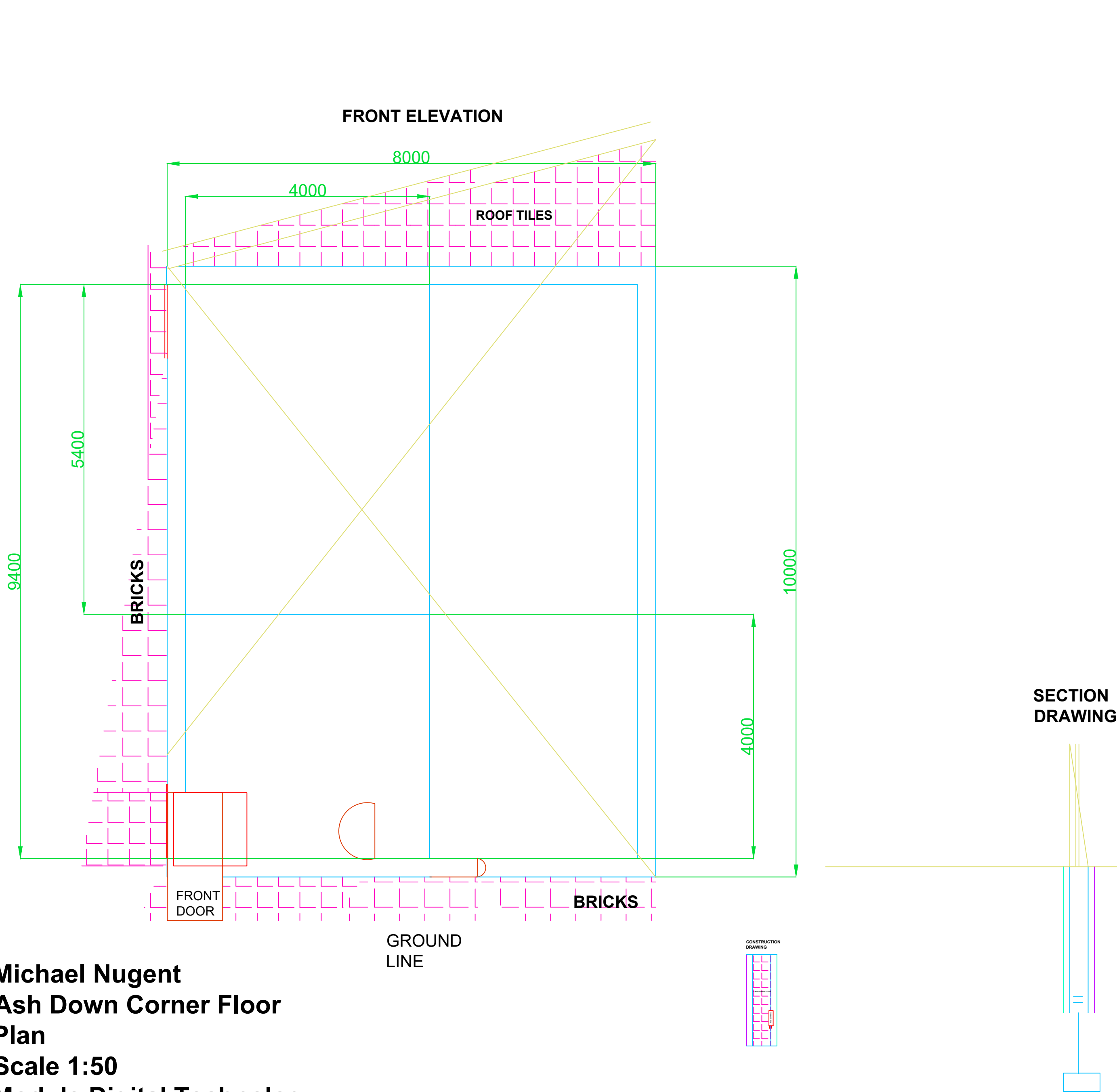
- Michael Nugent
- Ash Down Corner Floor Plan
- Scale 1:50
- Module Digital Technology

The proposed dwelling is constructed using a traditional cavity wall system, consisting of an outer brick leaf, insulated cavity and inner blockwork leaf. The structure is supported by concrete strip foundation and by ground bearing concrete slab with insulation. The roof is pitched timber structure finished with roof tiles and insulated at rafter level, internal finishes include plaster wall and standard floor finishes, while external finishes consists of facing brickwork and window systems

The structure is supported by concrete ship foundations which distribute loads safely to the ground, and a ground bearing concrete slab incorporating insulation to enhance energy efficiency and occupant comfort. damp proof courses are assumed at appropriate level to prevent moisture

The roof is formed using a pitched timber structure, typically comprising rafters, insulation at rafter level and a till external finish this provides structural stability while maintaining thermal efficiency

Openings such as windows are fitted with uPVC frames and include components such as sills to shed water away from the building envelope. internal finishes include plastered walls and standard floor finishes while external finishes consist of durable facing brickwork and roof tiles designed to withstand environmental conditions



UNIVERSITY OF WALES TRINITY SAINT DAVID										
BIM NAMING CONVENTION GUIDE: All files: Models, Drawings & Documents										
THE CODE	Project	Originator	Functional Breakdown	Spatial Breakdown	Form	Discipline	Number	Description*	Status*	Revision*
CODE LENGTH DESCRIPTION	2-6 Characters A single common project identifier that is recognizably distinct from any individual organization's internal job number.	3 - 6 Characters The company that produced the data.	1-2 Characters Use XX as the default. Only use Zones if project requires. This is then defined by the chosen Model segregation. There should be at least one 'zone' per role. EG. Arch Model, Mech Model, Struct Model, etc.	2 Characters The level the data refers to: ZZ – Multi Level XX – No Level 00 - Ground Flr 01 – First Flr 02 – Second Flr Etc. Mezzanines M1 M2 Etc. All levels below ground floor prefix 'B' B1 B2 Etc.	2 Characters This is simply the type or form of data eg: For Files: D - Drawing G Diagram I Image L List M Model T Textual V Video/Audio	1 Character Only A Architect / Architectural B Building Surveyor C Civil Engineer D DDemolition/Dismantling E Electrical Engineer F Facilities Manager G Ground Engineering H Highways & Transport I Interior Designer K Client L Landscape Architect M Mechanical Engineer O Other P Public Health Engineer Q Quantity Surveyor R Project Mgmt S Structural Engineer T Planner W Water Engineering X non discipline specific Y Topographical Z Multi Discipline	4 Characters This is a 4 digit code denoting drawing grouping and number. It consists of a 1 digit Drawing Group plus the 3 digit individual drawing no: Eg. 1001 Where 1 at the beginning is the drawing group and the 3 latter digits are sequential numbers.	6-8 Characters Drawing / Model description ie. GAPLAN SITE GEO MOD SECTION SCHEMAT BREAM FINISHES etc.	2 Characters This is for the 2 digit suitability code that indicates and governs the development stages of information and documents throughout the BIM process.	Single Character The revision number of the drawing. eg: Preliminary revisions and Construction revisions as image opposite
NOTES	Use the 4 digit Company project numerics here - NB. NUMBER ONLY For Student Projects MODULE CODE ie 4005	NB. A specific unique identifier for each organisation should be defined upon them joining the project ie. Use company initials	NB. A more complex project may need to be divided into several diff zones. If so the Zone Strategy should be agreed at beginning of project	IE. Roof plan would be multi level.				Drawings Groups are as follows: 0 - General 1 - Substructure 2 - Superstructure 3 - Openings 4 - Finishes 5 - Piped & ducted services 6 - Electrical 7 - Fixtures & Fittings (Fixed) 8 - Loose Furniture 9 - External Works	There is no specific standard for description but avoid long, unwieldy descriptions as this will affect your ability to file in Windows	
EXAMPLE	4005	UWTSD	XX	ZZ	D	A	1001	GEO MOD	S1	P01
* = Optional add one within schema that we as UWTSD have chosen to include. NB. There are other optional fields in the schema that we have opted to leave out ie: Classification (uniclass codes)										
Guide authored by G Traylor, UWTSD, October 2019. Based on ISO15950 1-2										