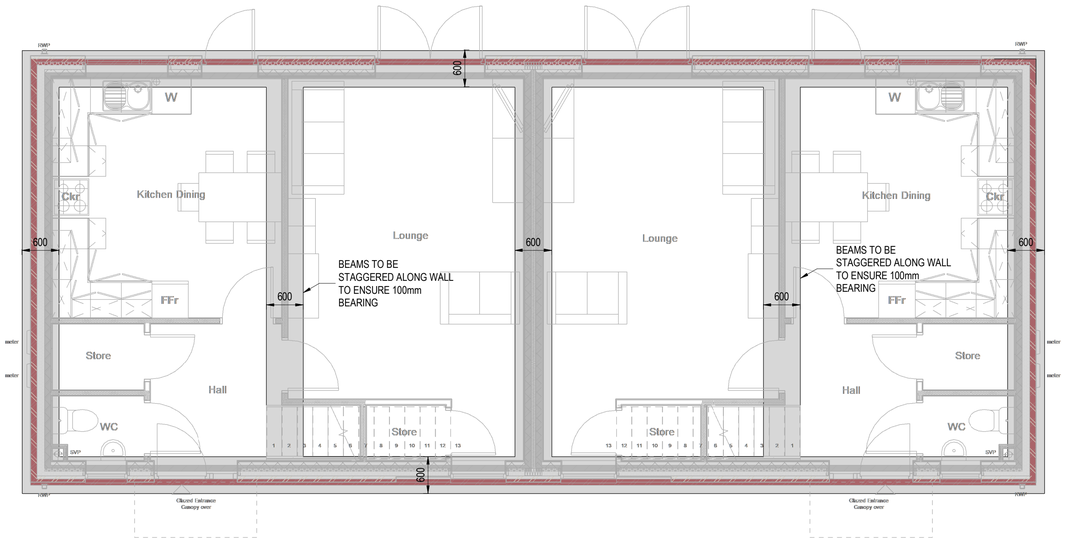
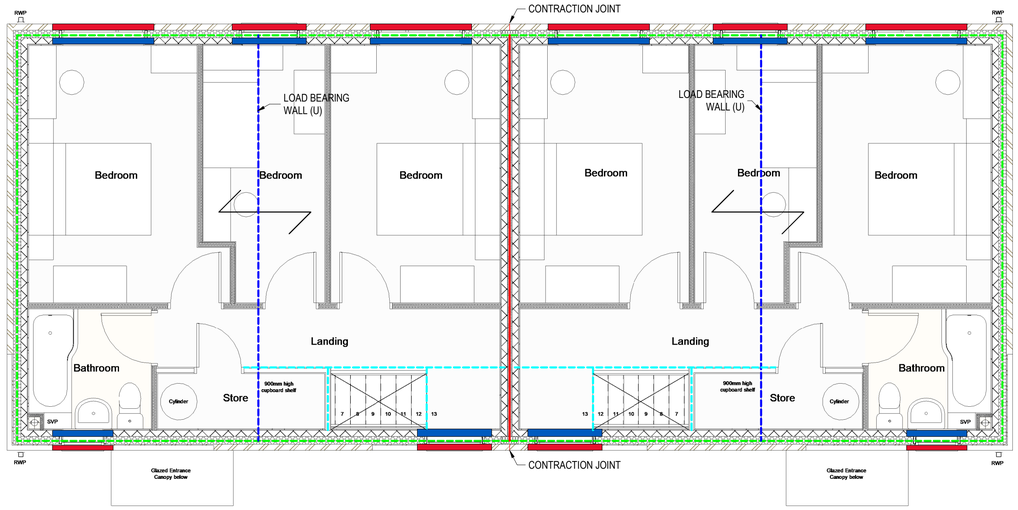


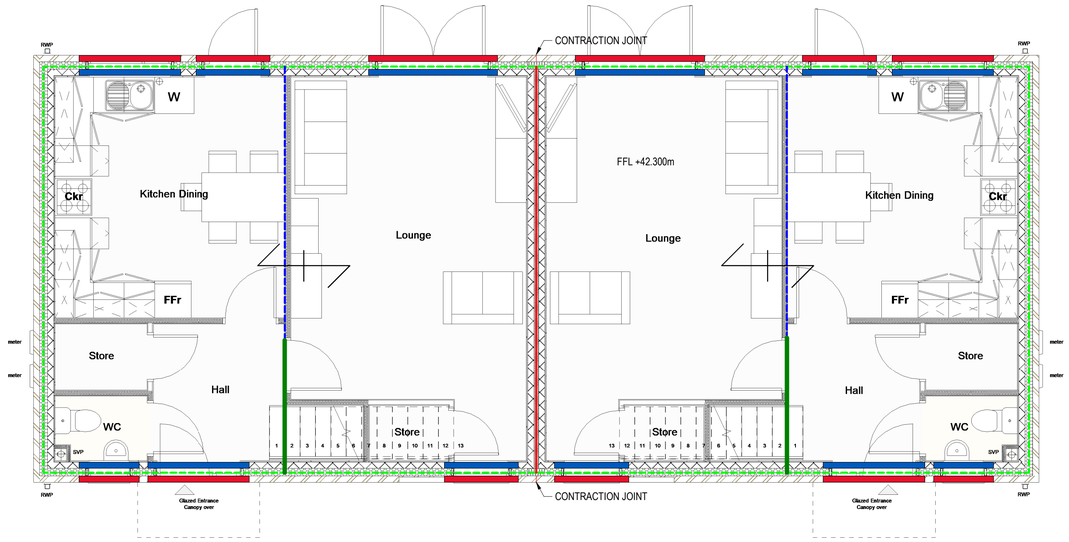
PLOT 3&4 FOUNDATION PLAN

SCALE: 1 : 50



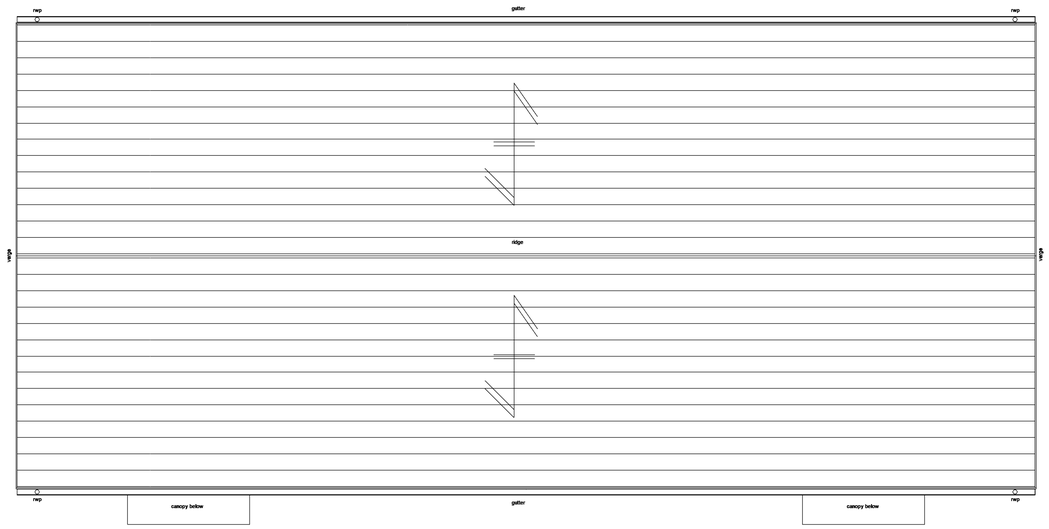
PLOT 3&4 FIRST FLOOR PLAN

SSL - 45.150m



PLOT 3&4 GROUND FLOOR PLAN

FFL - 42.300m
SSL - 42.075m



PLOT 3&4 ROOF PLAN

KEY

- DENOTES SPAN OF 150mm DEEP BEAM AND BLOCK TO SPECIALIST DESIGN AND DETAIL
- DENOTES SPAN OF TIMBER 63x250mm AT 400mm c/c
- DENOTES SPAN OF PROPRIETARY TIMBER TRUSSES BY OTHERS
- DENOTES EXTERNAL CAVITY WALL 102.5mm BRICKWORK, 125mm CAVITY, 100mm BLOCKWORK
- DENOTES INTERNAL LOAD BEARING PARTY WALL WITH 2 LEAVES OF 100mm BLOCKWORK, 75mm CAVITY
- DENOTES 100mm BLOCKWORK INTERNAL LOAD BEARING WALL
- DENOTES DOUBLE TIMBER JOISTS TO BE SCREWED TOGETHER AT 300 c/c
- DENOTES NAYLOR ER2 LINTEL

FOUNDATION NOTE:
ALL STRIP FOOTING TO BE LOCATED CENTRALLY ABOUT WALL OVER.

FOUNDATION LAYOUT/DESIGN IS BASED ON ALLOWABLE GROUND BEARING CAPACITY OF 100 kN/m² BEARING ONTO STIFF CLAY

ANTICIPATED FORMATION LEVELS INDICATED ARE BASED ON EXTERNAL GROUND INVESTIGATION REPORT REF:8538G-WML-00-XX RP-G-0002 AND EXISTING PROPOSED TREE INFLUENCE IN ACCORDANCE WITH NHBC STANDARDS. THE ACTUAL FORMATION LEVEL IS TO BE CONFIRMED ON SITE. SUITABLE FOUNDING STRATA IS DESCRIBED AS STIFF CLAY.

250mm MINIMUM DIMENSION VOID REQUIRED BELOW SUSPENDED GROUND FLOOR STRUCTURE FOR HEAVE PRECAUTION AND VENTILATION REQUIREMENTS.

ALL FOUNDATIONS TO BE TAKEN DOWN TO BEAR ONTO COHESIVE DEPOSITS, THIS IS EXPECTED TO BE AT 1m-1.5m BELOW GROUND.

GROUND FLOOR SLAB NOTES:

SUSPENDED BEAM & BLOCK FLOOR SHALL BE DESIGNED AND DETAILED BY SPECIALIST SUB CONTRACTOR FOR THE FOLLOWING CHARACTERISTIC LOADS. REFER TO ARCHITECTS DRAWING FOR LAYOUT OF ALL GROUND FLOORS.

DEAD LOADS:
SCREED (NON-STRUCTURAL), INSULATION AND FINISHES = 1.8 kN/m²
SELF-WEIGHT OF BEAM & BLOCK TO BE CONFIRMED BY MANUFACTURERS AND ALLOWED FOR IN DESIGN.

IMPOSED LOADS:
RESIDENTIAL = 1.5 kN/m²
PARTITIONS = 1 kN/m²

GENERAL NOTES:

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
2. DO NOT SCALE THIS DRAWING. ANY AMBIGUITIES, OMISSIONS AND ERRORS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY. ALL DIMENSIONS MUST BE CHECKED / VERIFIED ON SITE.
3. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
4. FOR GENERAL NOTES REFER TO DRAWING.

CONCRETE GRADES:
ALL SUBSTRUCTURE ELEMENTS TO BE CONCRETE CLASS DS-1 SULPHATE RESISTANT CONCRETE TO BE SUITABLE FOR ACEC CLASS AC-1s

STRIP FOOTING GEN 3

ALL LOAD BEARING BLOCKWORK TO BE 7.3N

ALL MORTAR TO BE M4 GENERAL PURPOSE MORTAR

ALL TIMBER TO BE GRADE C24

ALL LINTELS TO HAVE MINIMUM 150mm END BEARING

REFER TO ARCHITECTS DRAWINGS FOR ALL SETTING OUT

ALL TIMBER JOISTS TO HAVE NOGGINS AT THIRD POINTS

CLAY BRICKS TO HAVE MINIMUM COMPRESSIVE STRENGTH 15N/MM2

M6 MORTAR AND 20N/MM2 BRICKS TO BE USED BELOW THE DAMP PROOF COURSE

ALL TOP OF FOUNDATIONS TO BE MINIMUM 450MM BELOW FINISHED GROUND LEVEL

LINTEL SCHEDULE	
REFERENCE	LINTEL
	NAYLOR LG165
	NAYLOR ER2

ALL LINTELS ON PLAN ARE SHOWN AS LINTELS OVER

Rev:	Description:	Date:	By:	Chkd:
P01	STAGE 4 ISSUE	18/09/23	HW	BT

curtins
SET OFFICE ADDRESS, POST CODE
TELEPHONE
OFFICE EMAIL
www.curtins.com
Civils & Structures • Transport Planning • Environmental • Infrastructure • Geotechnical • Conservation & Heritage • Principal Designer
Birmingham • Bristol • Cambridge • Cardiff • Douglas • Dublin • Edinburgh • Glasgow • Kendal • Leeds • Liverpool • London • Manchester • Nottingham

Status: STAGE 4

Project: AMBERLEY DRIVE

Drg Title: PLOT 3&4 GENERAL ARRANGEMENT

Drawn By	Designed By	Checked By
HW	EL	BT
	Date: AUGUST '23	Scales @ A1: As indicated

Project No - Originator - Function - Spatial - Form - Discipline - Number: 083091 - CUR - 34 - ZZ - D - S - 20002

Revision: P01

XXXXXX-CUR-XX-XX-M-S-XXXXX