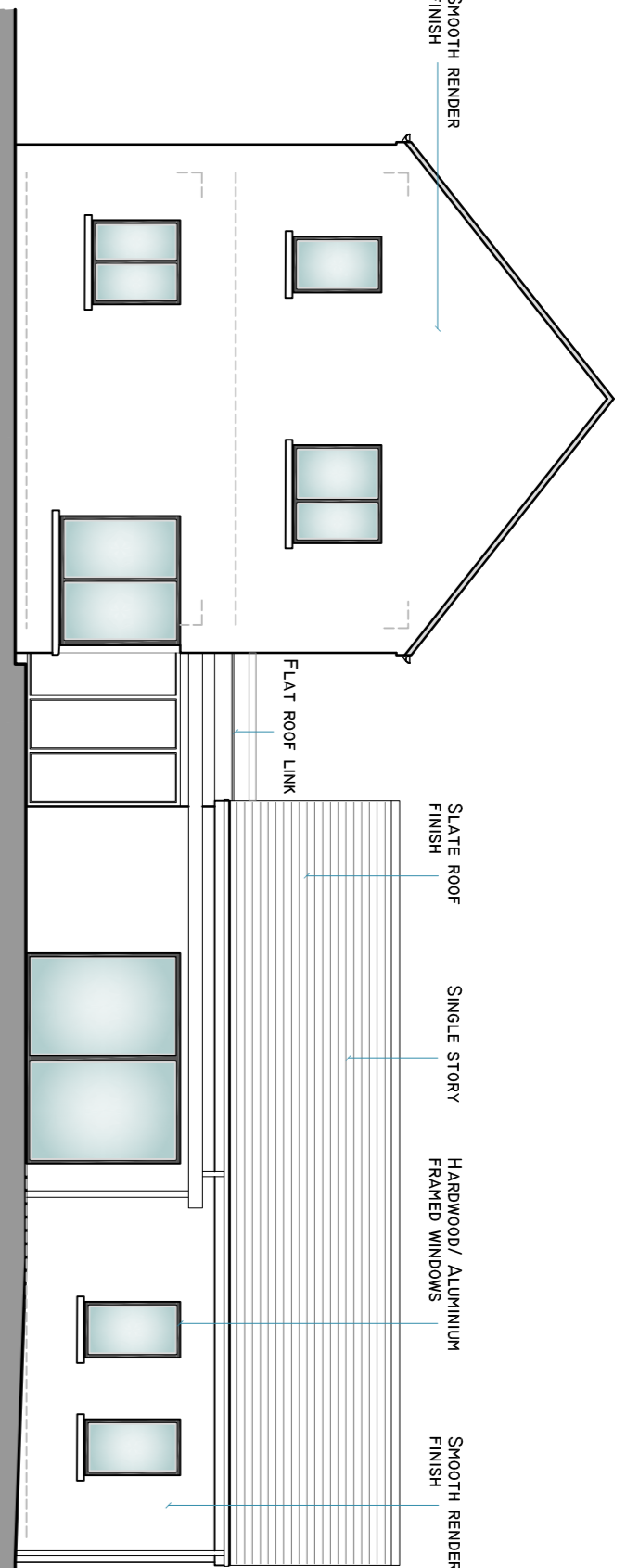
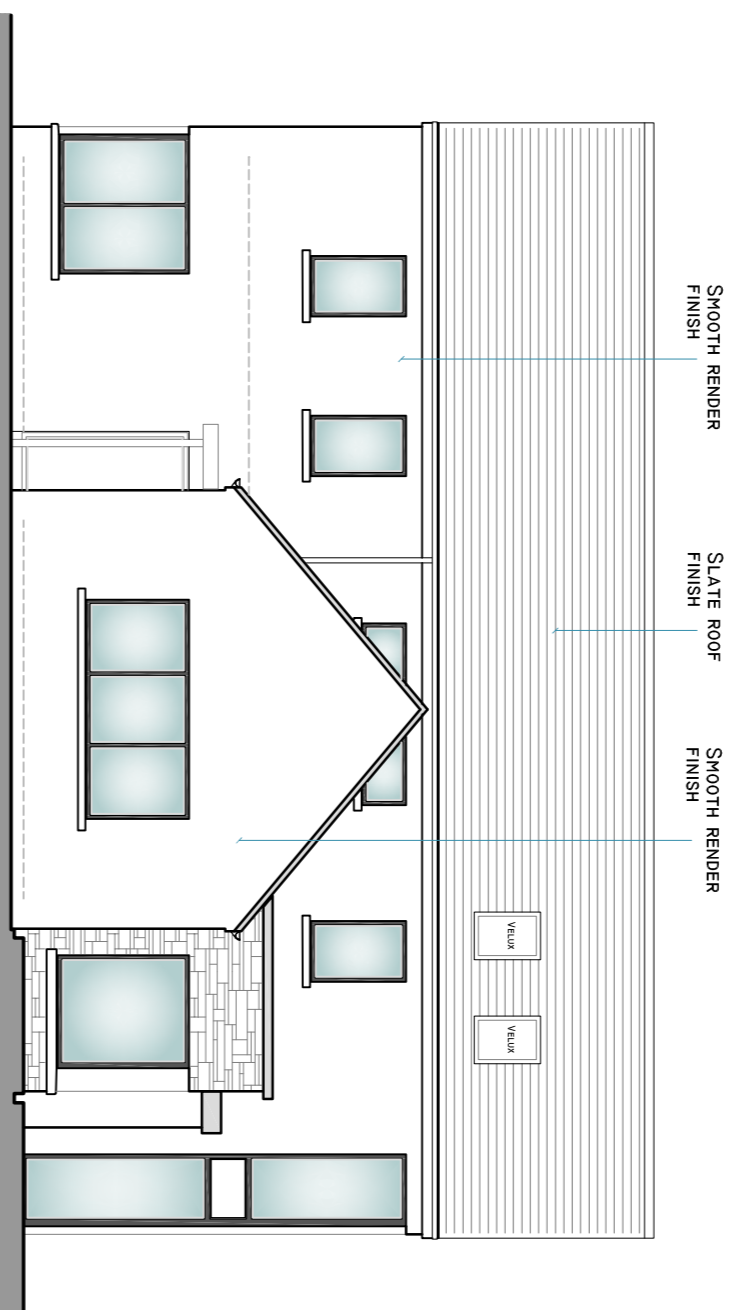


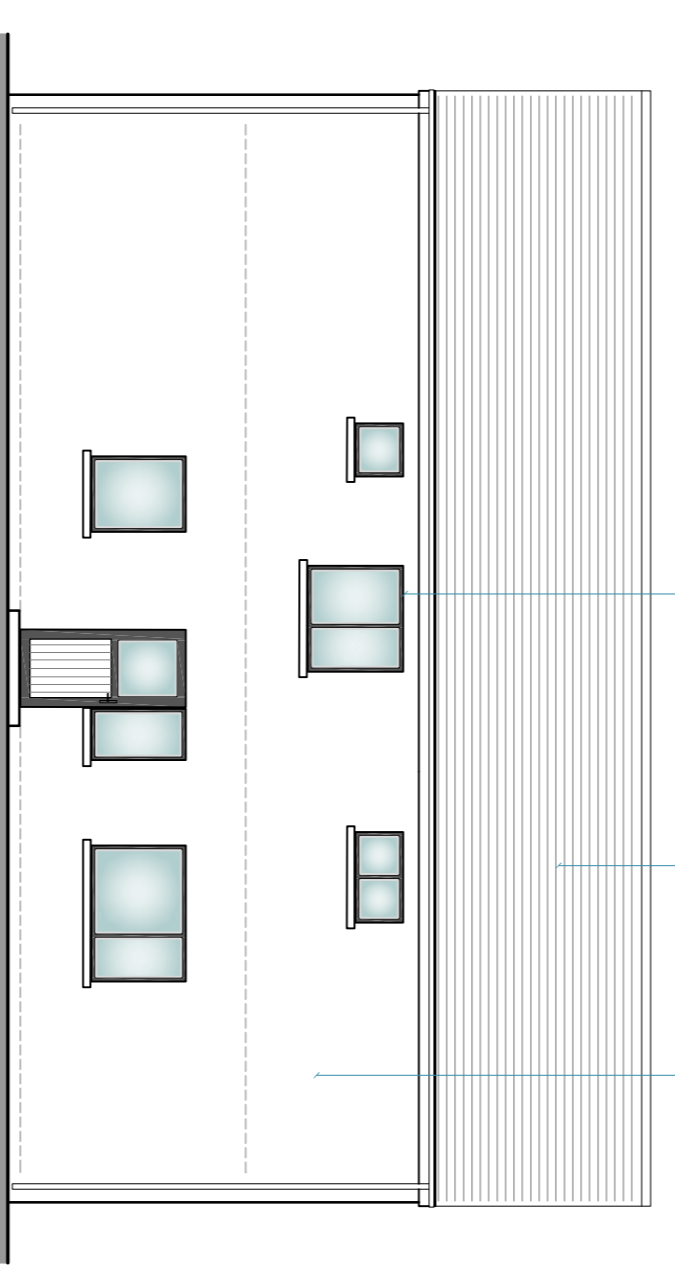
FRONT ELEVATION
SCALE 1:50 @ A1



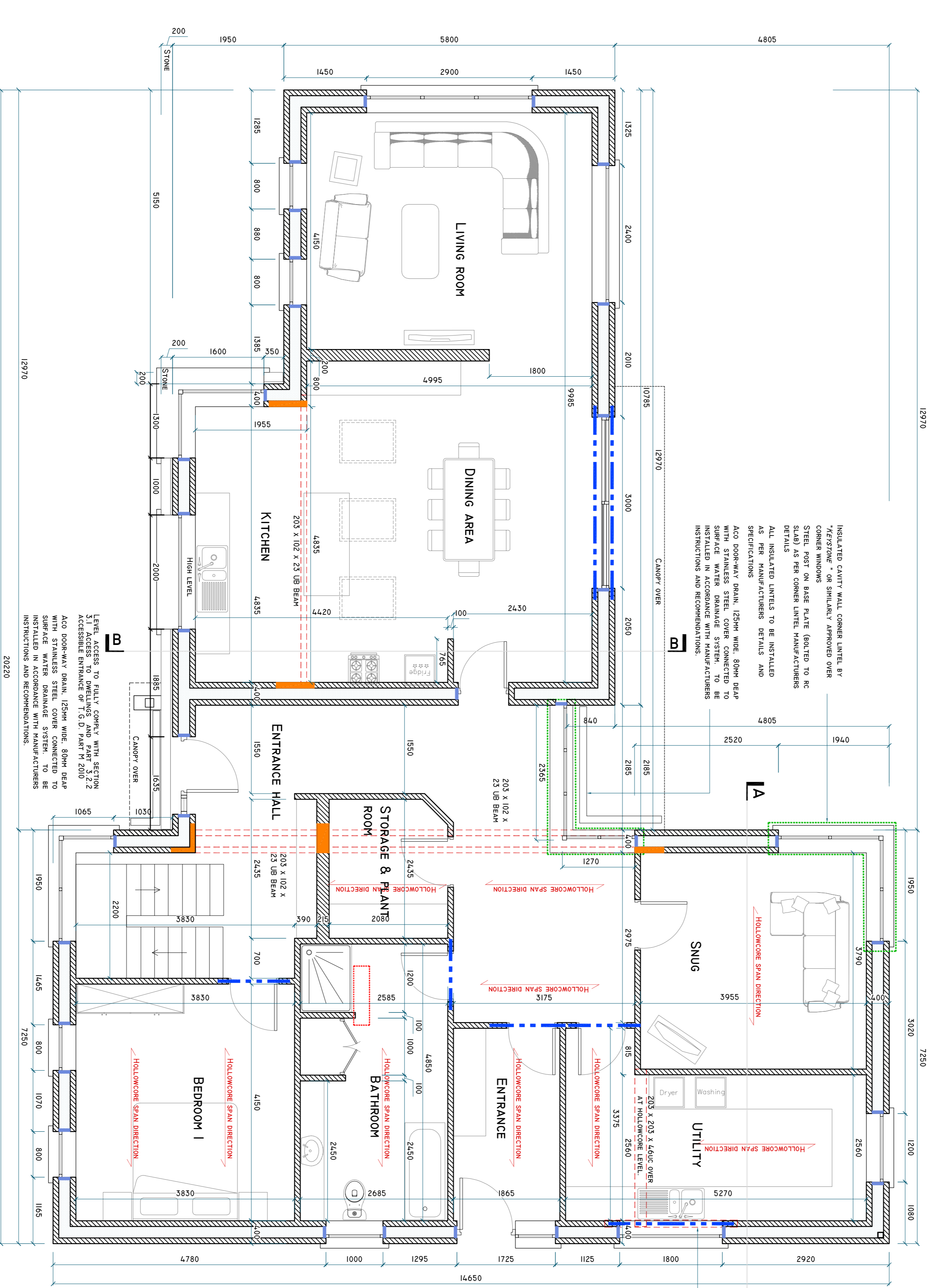
REAR ELEVATION
SCALE 1:50 @ A1



SIDE ELEVATION
SCALE 1:50 @ A1



SIDE ELEVATION
SCALE 1:50 @ A1



GROUND FLOOR PLAN
SCALE 1:50 @ A1

Rev.	DATE	DESCRIPTION
T.1	23/11/2021	ISSUED TO CLIENT FOR REVIEW
I.1	07/12/2021	ISSUED FOR TENDER
CN.1	11/05/2022	DIMENSIONS OF KITCHEN WINDOW SHOWN

MANNION O'NEILL
PLANNING & CONSULTING ENGINEERS
I PLANNING | ENGINEERING | SURVEYING
Kilmeaneagh, Caherlistrane, Co. Galway, H91 WA 48
Tel: 086 8215791 Email: manoc@manniononeill.com

CLIENT:
SHANE & CHRISTINE COMMONS
LECARROW, HOLLYMOUNT,
CO. MAYO.

PROJECT NO.:
SC21 - CN - 109

PROJECT TITLE:
PRIVATE DWELLING HOUSE

DRAWING TITLE:
GROUND FLOOR PLAN & ELEVATIONS

REVISION:
CN.1

SCALE:
1:50

DRAWING NO.:
3100

DATE:
03.02.2022

DRAWN BY:
F. O' N.

CHECKED BY:
R M

DRAWING STATUS:
CONSTRUCTION

Drawing Notes: This drawing, the design and contents contained herein are copyright & may not be used without express permission of the authors. No part hereof may be copied or reproduced partially or wholly in any form whatsoever or stored in any retrieved system of any nature without the prior written consent of the copyright owner Mannion O'Neill Planning & Consulting Engineers Ltd.

General Notes:

- This drawing is to be read in conjunction with all other design drawings.
- This drawing is to be relied upon only for the specific project & purpose for which it has been produced.
- Do not scale from this drawing.
- Metric figure dimensions only to be taken from this drawing.
- All dimensions to be checked on site.
- The appointed Engineer's design team to be informed immediately of any discrepancies before work commences on site.

NOTE:

THE APPOINTED ENGINEER IS TO BE AFFORDED SUFFICIENT TIME TO CARRY OUT INSPECTIONS OF THE WORKS IN ACCORDANCE WITH THE PROJECT INSPECTION PLAN AND INSPECTION NOTIFICATION PROTOCOL.

ALL CONTRACTORS OR SUB-CONTRACTORS RESPONSIBLE FOR SPECIALIST DESIGN SHALL PROVIDE PROFESSIONAL INDEMNITY INSURANCES, ANNUALLY CERTIFICATES FOR DESIGN AND ANNUAL CERTIFICATES FOR INSPECTION IN ACCORDANCE WITH SCALE 2014.

CE MARKING:

ALL CONSTRUCTION PRODUCTS TO HAVE RELEVANT 'CE' MARKING WHERE APPLICABLE.
ALL CONTRACTORS OR SUB-CONTRACTORS RESPONSIBLE FOR SPECIALIST DESIGN SHALL PROVIDE PROFESSIONAL INDEMNITY INSURANCES, ANNUAL CERTIFICATES FOR DESIGN AND ANNUAL CERTIFICATES FOR INSPECTION IN ACCORDANCE WITH SCALE 2014.

ALL CONSTRUCTION PRODUCTS TO BE CERTIFIED AS MEETING THE CONSTRUCTION PRODUCT REQUIREMENT FOR CE MARKING TO EACH HARMONIZED PRODUCT STANDARD, IN PARTICULAR THE FOLLOWING:
 - MASONRY PRODUCTS IS EN 12622
 - AGGREGATES FOR CONCRETE IS EN 12620
 - ADMIXTURES FOR CONCRETE IS EN 13139
 - CONC. BLOCK & MANUFACTURING SYSTEMS IS EN 771-3
 - STRUCTURAL STEEL IS EN 1090
 - REINFORCING STEEL IS EN 10080
 - PRE-FABRICATED STRUCT. THINER MEMBERS IS EN 14250

ALL GRANULAR FILL PLACED ON SITE TO BE CLASS 808 MATERIAL COMPACTED IN ACCORDANCE WITH N.S.A.I. S.P. 212(04) & IN ACCORDANCE WITH CHEMICAL PREPARED PRODUCTS OUTLINED IN N.S.A.I. S.P. 212(04) & AI 2007 (ANNEX E). UNLESS NOTED OTHERWISE.

THE CONTRACTOR MUST PROVIDE RELEVANT CERTIFICATION AND DELIVERY DOCKETS FOR ALL GRANULAR MATERIAL, CONCRETE AND CONCRETE BASED PRODUCTS (AND SIMILAR CERTIFIABLE PRODUCTS AND MATERIALS) DELIVERED TO SITE.

BLOCKWORK NOTES:

CONCRETE BLOCKS TO BE CATEGORY 1 (COMPRESSIVE STRENGTH OF MASONRY UNITS - 6.5N/m² U.N.0) IS EN 772-1 TO IS EN 771-6 & IS EN 771-3.
 210mm & 100mm SOLID CONCRETE BLOCKWORK TO BE IN ACCORDANCE WITH IS EN 771-3.
 ALL LIGHTWEIGHT CONCRETE BLOCKWORK MASONRY TO BE SOLIDSTONE 'GENERAL LITRACOR' OR SIMILARLY APPROVED AND TO BE INSTALLED STRICTLY IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.

NOTE: FIRST COURSE OF ALL INNER LEAF OF CAVITY AND INTERNAL BLOCKWORK WALLS TO BE CONSTRUCTED FROM SOLIDSTONE 'GENERAL LITRACOR' OR SIMILARLY APPROVED TO PREVENT CONDENSATION BETWEEN FOUNDATIONS AND WALLS TO EXTEND BELOW SHIPLOAR AND UP ABOVE FFL.

WALL TIES SHOULD CONFORM TO:
 1. IS EN 1066 - 1:12005 AND AI 2002
 2. IS EN 1066 - 2:12005 AND IRISH NATIONAL ANNEX
 3. IS EN 1066 - 3:2006 AND IRISH NATIONAL ANNEX
 4. IS EN 1066 - 4:2006 AND IRISH NATIONAL ANNEX

PORTLAND CEMENTATION (0) ERECTION CLASS 5 TO IS EN 1099-1-1: PORTLANDS TO CONFORM TO IS EN 1099-1:1:2005 AND AI 2002

REINFORCING STEEL AND S.S. EN 10080 C/C/S FOR CONCRETE TO CONFORM TO IS EN 10080:2005 AND AI 2007

SPREEDSTRUCTURE HORIZONTAL - 1:15-6 CENT/LINER/SHRINE SAND

WALL TIES SHOULD CONFORM WITH B.S. 1243 & SHALL BE STAINLESS STEEL VERTICAL TWIST TYPE SHAKING OF TIES IN CAVITY TO BE NOT MORE THAN 750mm HORIZONTAL AND 450mm VERTICALLY.

WALL TIES FOR INTERNAL CAVITY PARTY WALLS TO BE STAINLESS STEEL TYPE 2 DOUBLE TRIANGLE TIE TO IS EN 843-1 AND COMPLIANT WITH TOP PART & ACCESSORY REQUIREMENTS WITH MINIMUM DEPTH OF 60mm IN EACH WALL. TIES TO BE SPACED AT 450mm C/C'S VERTICALLY AND 750mm C/C'S HORIZONTAL.

WHEN 210mm WALLS ARE TO BE COLLAR WALL CONSTRUCTION, STAINLESS STEEL TIES SHALL BE PLACED AT 450mm C/C'S VERTICALLY AND HORIZONTAL. WHERE WALLS ARE SUPPORTING PRECAST CONCRETE B.L.K. SHALL ALSO BE PROVIDED AT 450mm C/C'S VERTICALLY AND SUPPORTING CONCRETE TO STAINLESS STEEL WIREWELD TYPE FOR EXTERN WALLS (BROUCCORRE OR SIMILAR).

TWO COURSES OF BEEL JOINT REINFORCEMENT TO BE USED IN OUTER LEAF BLOCKWORK UNDER WINDOW CILL LEVEL, AND OVER WINDOW OR DOOR HEAD AND TO EXTEND MIN. 600mm BEYOND ONE B.L.K. TO PROTECT FROM CORROSION. TWO COURSES OF B.L.K. TO BE LOCATED OPPOSITE C/S & 250mm DEEP R.C. UNDER DOWN CORNER ON OUTER LEAF FOR FULL OPERATOR (WHICH IS REQUIRED).

CONTROL JOINTS IN EXTERNAL BLOCKWORK ARE GENERALLY 600mm C/C'S AND EXTEND FROM BFC TO ROOF LEVEL. EXACT LOCATION OF JOINTS TO BE AGREED WITH DESIGNER PRIOR TO COMMENCEMENT OF WORKS.

BLOCKWORK CONTROL JOINTS SHOWN THIS ON PLAN >>

LINETS IN ROOM WALLS ARE TO BE PROPRIETARY PRE-STRESSED CONCRETE LINETS OR GALVANISED PRESSED STEEL LINETS INSTALLED STRICTLY IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS.

LINETS TO HAVE A MINIMUM BEARING OF 225mm FOR CONCRETE LINETS AND 200mm FOR STEEL LINETS. PREPARING DURING CONSTRUCTION TO BE IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTION (TYPICALLY AT 12M C/C'S FOR CONCRETE LINETS).

A MINIMUM OF 350mm OF GENE SOLID CONCRETE BLOCKWORK IS REQUIRED OVER ALL LINETS.

ALL CAVITIES TO BE CLOSED WITH PROPRIETARY CAVITY CLOSING INSULATION - XTHERMHEM CLOSURE-CAVITY CLOSER OR SIMILAR APPROVED KINGSPAN PRODUCT.

WHERE POSSIBLE NEW BLOCKWORK COURSES TO BE IN AND CORRESPOND WITH EXISTING BLOCKWORK WALL COURSES.

NEW EXTERNAL CAVITY WALLS TO BE OF 400mm CAVITY CONSTRUCTION.

NOTE: FIRST COURSE OF ALL INNER LEAF OF CAVITY AND INTERNAL BLOCKWORK WALLS TO BE CONSTRUCTED FROM SOLIDSTONE 'GENERAL LITRACOR' OR SIMILARLY APPROVED TO PREVENT CONDENSATION BETWEEN FOUNDATIONS AND WALLS TO EXTEND BELOW SHIPLOAR AND UP ABOVE FFL.

ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH ACCREDITED CONSTRUCTION DETAILS (DDP/IG Publications) and current Building Regulations.

Main contractor is in place to ensure that the construction standards achieve the required level of consistency.