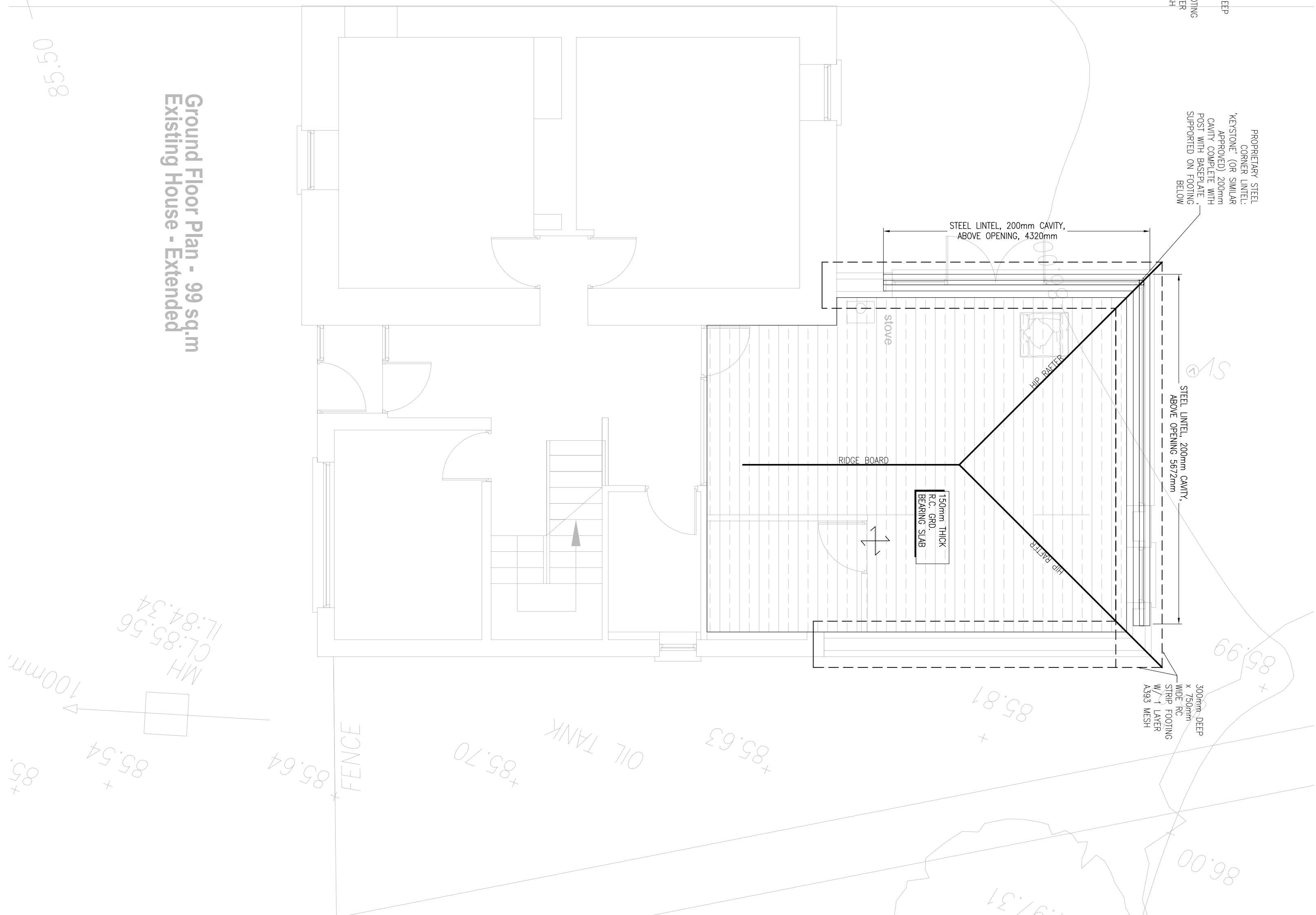
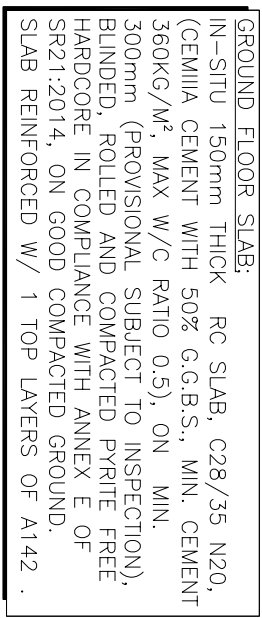
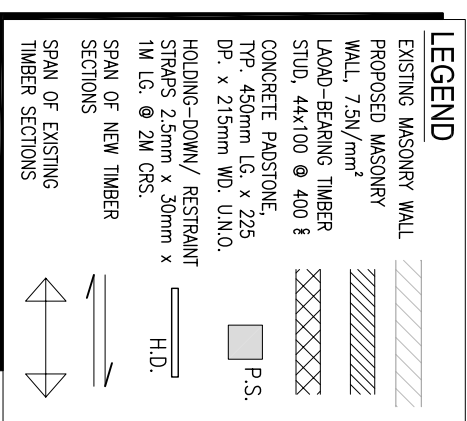
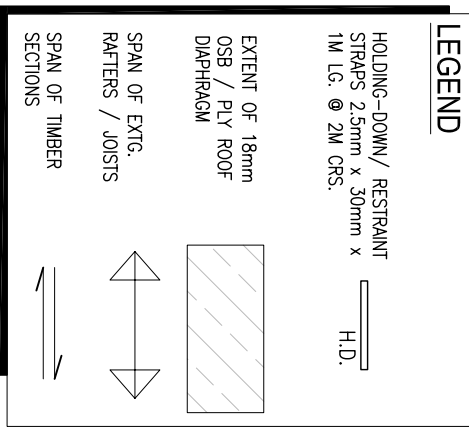


Ground Floor Plan - 90 sq.m Proposed New House



Ground Floor Plan - 99 sq.m Existing House - Extended



- NOTES:
- 1 ALL LEVELS TO O.S. DATUM
 - 2 THE CONTRACTOR SHALL SUBMIT DESIGN CALCULATIONS AND DRAWINGS FOR THE PRECAST UNITS TO THIS OFFICE FOR APPROVAL PRIOR TO COMMENCEMENT OF MANUFACTURE. METHOD STATEMENT FOR ERECTION OF PRECAST TO BE SUBMITTED ALSO.

NOMINAL 75mm SCREED (10mm DEVIATION ALLOWANCE FOR CAMBER)
CEILING & SERVICES : 0.15kN/m²
IMPOSED LOAD (DOMESTIC) : 1.5kN/m²
PARTITIONS : 1.0kN/m²
LOAD FROM BLOCKWORK WALLS OR LOAD-BEARING WALLS AS SHOWN ON DRAWING. FLOOR FINISHES TO ARCHITECT'S SPECIFICATION. FIRE PROOFING TO ARCHITECT'S SPECIFICATION.

STEELWORK
 ALL STEELWORK TO BE MARKED. ALL STEEL EXECUTION
 CLASS 'EXC1'. CONTRACTOR / FABRICATOR TO
 DEMONSTRATE COMPLIANCE WITH 'CE' MARK
 CERTIFICATION.
 ALL STEELWORK TO BE GRADE S275.
 ALL BOLTS TO BE GRADE 8.8 UNO.
 UNO. ALL STEEL/STEEL CONNECTIONS BE MIN 2NO.
 BOLTS M20 OR 6MM FILLET WELD.

ALL STEELWORK IS TO BE CORROSION PROTECTED IN ACCORDANCE WITH THE FOLLOWING:
HIDDEN INTERIOR STEELWORK: BLAST CLEAN TO SA2½, APPLY 80µM HIGH BUILD ZINC PHOSPHATE EPOXY PRIMER.
EXTERIOR STEELWORK ENVIRONMENT CATEGORY 'C5' OR STEELWORK IN CONTACT WITH MASONRY OUTER SKIN: HOT-DIP GALVANIZED 85 MICRON. MORDANT WASH, 40 MICRON EPOXY PRIMER, 100 MICRON 'MO', FINISH COAT TO ARCHITECT'S DETAIL.

ALL INTERNAL STEELWORK AROUND FLOOR & UPPER FLOORS TO BE FIREPROOFED BY APPROVED INTUMESCENT COATING TO PROVIDE 1 HOURS FIRE RESISTANCE.

LAYOUT AND DETAILS TO THIS OFFICE FOR APPROVAL PRIOR TO COMMENCEMENT OF MANUFACTURE.

ARCHITECT, CONTRACTOR, STEELWORK FABRICATOR AND PRECAST MANUFACTURER TO COORDINATE DETAILING AND INSTALLATION OF SERVICE OPENINGS.

ACRONYMS
F.F.L. = FINISHED FLOOR LEVEL
T.O.C. = TOP OF CONCRETE
T.O.S. = TOP OF STEEL
U.O.S. = UNDERSIDE OF STEEL
U.N.O. = UNLESS NOTED OTHERWISE
S.R.L. = STRUCTURAL ROOF LEVEL

TIMBER
SEE NOTES ON DRAWING 003.

Rev	Description	Date	Drawn	Check
T	TENDER ISSUE	21/06/16	AR	AR

A. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS, ARCHITECTS AND SPECIALISTS' DRAWINGS.	1. ALL LEVELS TO D.A. DATUM
B. ALL DIMENSIONS IN mm UNLESS NOTED.	2. FOUNDATIONS TO BE CAST AGAINST GROUND
C. THE CONTRACTOR SHALL CHECK AT ALL DIMENSIONS	3. DRAINAGE OF ROOF/ FLOOR AREAS AS FOLLOWS:
D. PRIOR TO COMMENCEMENT OF CONSTRUCTION DISCREPANCIES SHALL BE REPORTED TO THIS OFFICE IN WRITING.	FOUNDATIONS C/5/45, 20mm INVERT BLINDING - 1/212/15 IN AGGREGATE AGGREGATE, CENTRE DRAIN WITH 50% C.C.S.P. TO U/S DEN 206.

NOTES:

- NOTES:**
1. ALL LEVELS TO 0.5; DUTILE
 2. FOUNDATIONS TO BE CAST AGAINST STRONG
 3. DUCTILE; FOR REINFORCEMENT SEE FOLLOWING
 4. DUCTILE; FOR REINFORCEMENT SEE FOLLOWING
 5. FOUNDATIONS: C12/15; ALL IN AGGREGATE
 6. AGGREGATE: CEMENT CEMENT 10% WITH 50% G.C.S.S.; ALL TO ISEN 206.
- WITH BS4449 OR BS4545 WITH A YIELD STRENGTH OF 500N/mm² FOR BARS DENOTED H R RESPECTIVELY. ALL WELDS SHALL BE IN ACCORDANCE WITH BS4449 WITH MINIMUM YIELD STRENGTH OF 500N/mm².
- CAST AGAINST 0.50mm
- CAST AGAINST 0.50mm
- CAST AGAINST 0.50mm
- CAST AGAINST SHUTTER 50mm
- CAST AGAINST BLINDING 50mm

- | | | |
|---|--|--|
| <p>4 ALL REINFORCEMENT BARS SHALL BE IN ACCORDANCE WITH BS-8446 OR BS-8446 WITH A YIELD STRENGTH OF R_s RESISTANCE AT MAXIMUM STRAIN SHALL BE IN ACCORDANCE WITH BS-8446 WITH MINIMUM YIELD STRENGTH OF 500 N/mm².</p> <p>CORNER TO CORNER DIMENSIONS SHALL NOT EXCEED AGAINST SPREADS 30mm</p> <p>CAST AGAINST BLINDED 30mm</p> | <p>5 ISOLTS FOR THE CONCRETE BLOCKWORK TO BE CASTED ON EACH COMPRESSIVE STRENGTH TO BE 7.5 MPa (EN 12526) AND DESIGNATION WORKING CLASS EN 12526/2000.</p> <p>6 DO NOT EXCEED LIFT OF 150 MM PER DAY. PROJECT MASSIVE FORMWORK SHALL HAVE AN ALLOW 14 DAYS FOR MORTAR TO SET BEFORE BRICKLaying.</p> | <p>7 ALL PRECAST CONCRETE COMPOSITE SLABES TO HAVE 10MM ISOLAM BEARING UNDO.</p> <p>8 THE CONCRETE JOINTS ARE TO BE CASTED IN QUARTER EXT OF EXTERNAL MEMBER WALL AS INDICATED ON DRAWINGS.</p> <p>9 CONCRETE JOINTS SHALL SPACED AT MAXIMUM 7M.</p> <p>10 ALL CONCRETE JOINTS TO BE 25MM BLANDED COMPACTED HARDFOOT UNDO.</p> |
|---|--|--|

7. ALL PRECAST CONCRETE COMPOSITE LINTELS TO HAVE MIN. 150MM BEARING UNDO.
8. MORTMENT JOINTS TO BE PROVIDED IN OUTERLEAF OF EXTERNAL MASONRY WALL AS INDICATED ON ARCHITECT'S ELEVATIONS. FOR CONCRETE BLOCKWORK JOINTS SHALL SPACED AT MAXIMUM 750 CENTRES. LOCATIONS TO BE AGREED.
9. SLAB SUB-BASE TO BE MIN 225MM BLINDED COMPACTED HARDCORE UNDO.

ANDREW RILEY
CONSULTING ENGINEER

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Email: andrew.riley@yahoo

IM OR
MISSION
AGREED

Client KEN & ANN-MARIE McCULLUGH	Drawing PROPOSED GRD FLOOR PLAN			
Job CLONIEA LODGE BALINTÉER ROAD CO. DUBLIN				
Job Number 15020	Drawing Number 001	Revision T	Sht. Size A1	Scale AS NOTED
			Date JUNE '16	Drawn AR
				Engineer AR