

DRAWING KEY

- R1** DENOTES SPAN OF 50 x 225 DP GRADE C24 TIMBER ROOF JOISTS @ 400mm CRS. WITH SOLID TIMBER NOGGINS AT MID SPAN WELL SPIKED TO SIDES OF JOISTS. TOP SURFACE TO BE SHEATHED WITH 18mm EXTERIOR QUALITY PLYWOOD FIXED AS TIMBER STUDWORK SPECIFICATION WITH 63mm LONG NAILS
- R2** DENOTES SPAN OF 50 x 150 DP GRADE C24 TIMBER ROOF JOISTS @ 400mm CRS. WITH SOLID TIMBER NOGGINS AT MID SPAN WELL SPIKED TO SIDES OF JOISTS. TOP SURFACE TO BE SHEATHED WITH 18mm EXTERIOR QUALITY PLYWOOD FIXED AS TIMBER STUDWORK SPECIFICATION WITH 63mm LONG NAILS SUITABLY TREATED FOR EXTERNAL USE
- L1** 100 x 110 DP HIGH STRENGTH PRESTRESSED CONCRETE LINTEL BY STRESSLINE LTD.
- PS** NUMBER OF LINTELS REQUIRED TO MATCH WALL THICKNESS
- 440** LONG x 100 WIDE x 215 DEEP GRADE C35 PRECAST CONCRETE PADSTONE
- WP1** DENOTES 180 x 90 x 26 PFC RETOFIT WINDPOST SECURED TO INNER LEAF OF BLOCKWORK USING M10 RESIN FIXINGS @ 450 CRS. & FIXED AT HEAD & BASE TO EXISTING ROOF/FLOOR, DETAILS TBC.

STRUCTURAL COLUMN SCHEDULE		
Mark	Type	Grade
SC1	UKC152x152x37	STEEL 50-355
TC1	38x140	TIMBER C24
TC2	150 DIA.	TIMBER C24

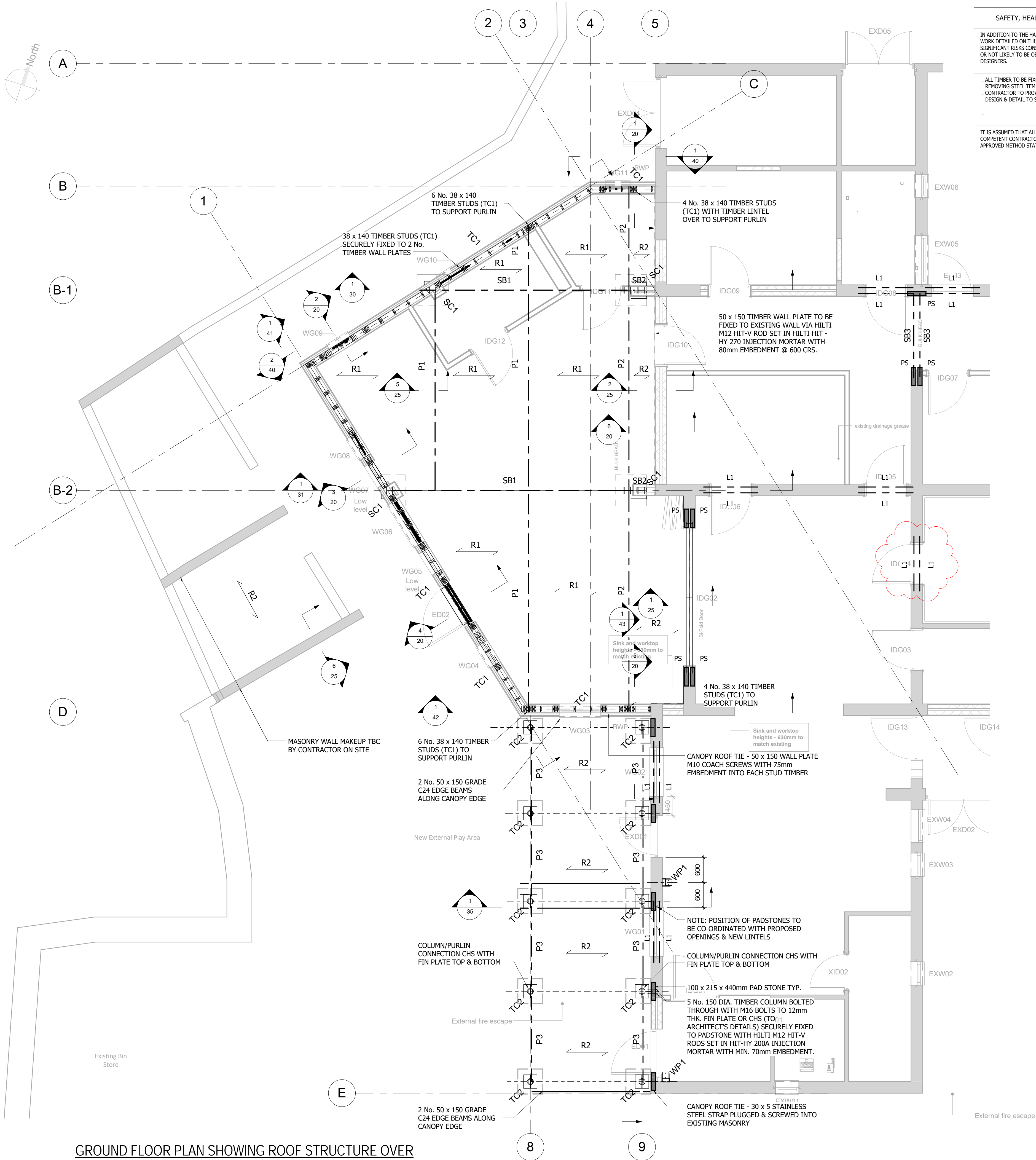
STRUCTURAL PURLIN SCHEDULE		
Mark	Type	Grade
P1	3 x 75x225	TIMBER C24
P2	2 x 75x225	TIMBER C24
P3	2 x 50x175	TIMBER C24

MULTIPLE TIMBER MEMBERS TO BE BOLTED TOGETHER USING M12 BOLTS @ 600CRS.

STRUCTURAL STEEL BEAM SCHEDULE		
Mark	Type	Grade
SB1	UKC203x203x46	STEEL 50-355
SB2	UKC152x152x37	STEEL 50-355
SB3	UKB203x102x23	STEEL 50-355

TYPICAL TIMBER FRAME WALL CONSTRUCTION

DOUBLE SOLE AND HEAD PLATES WELL SPIKED TOGETHER, OVERLAPPING AT CORNERS, WITH 38 x 140 C24 STUDS AT 400mm CRS. 2No. AT HEIGHT GREATER THAN 3.5m TO BOTTOM OF PARAPET LEVEL. WITH HORIZONTAL NOGGINS AT THIRD POINTS SECURELY SKEW NAILED TO STUDS. SHEATHED WITH 9mm EXTERIOR QUALITY PLYWOOD FIXED WITH 3.0mm DIA. NAILS 50mm LONG AT 100mm CRS. AROUND PERIMETER AND 200mm TO INTERMEDIATE STUDS. AT WINDOW OPENINGS PROVIDE 2 No. 38 x 140 VERTICAL STUDS WITH 1 No. CRIPPLE STUD TO FORM BEARING FOR LINTEL EACH SIDE OF OPENING. LINTEL TO BE FORMED WITH 3 No. 38 x 175 C24 TIMBER SECTIONS WELL SPIKED TOGETHER. SOLEPLATE STRAPPED TO UNDERSIDE OF GROUND BEARING SLAB WITH SIMPSON HE506B10 BENT TO SUIT @ 450 CRS. (PREBENT LEG TO BE OVER SOLEPLATE) SEE DETAIL ON MBA DRAWING 16240-20



SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION	
IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, PLEASE NOTE THE FOLLOWING REGARDING SIGNIFICANT RISKS CONSIDERED UNUSUAL, LIKELY TO BE DIFFICULT TO MANAGE OR NOT LIKELY TO BE OBVIOUS TO A COMPETENT CONTRACTOR OR OTHER DESIGNERS.	
. ALL TIMBER TO BE FIXED IN LOCATION & SHEATHING INSTALLED BEFORE REMOVING STEEL TEMPORARY SUPPORT. . CONTRACTOR TO PROVIDE TEMPORARY PROPPING TO SPECIALIST SUPPLIER'S DESIGN & DETAIL TO SAFELY FORM NEW OPENING IN EXISTING STRUCTURE	
IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT.	

BUILDING REGS



NOTES

- THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION UNLESS MARKED ABOVE "FOR CONSTRUCTION"
- THE COPYRIGHT ON THIS DRAWING IS RETAINED BY MICHAEL BEARDSALL ASSOCIATES LTD
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS
- THE CONTRACTOR IS RESPONSIBLE FOR ALL DIMENSIONS AND THE CORRECT SETTING OUT ON SITE. ONLY FIGURED DIMENSIONS ARE TO BE USED  
DO NOT SCALE : IF IN DOUBT ASK  
DIMENSIONS SHOULD NOT BE TAKEN ELECTRONICALLY
- ALL MATERIALS AND WORKMANSHIP TO COMPLY WITH THE CURRENT BRITISH STANDARDS AND CODES OF PRACTICE
- ALL SET-OUT, LEVEL AND DIMENSIONAL INFORMATION SHOWN ON THIS AND ANY ASSOCIATED MBA DRAWINGS TO BE CONFIRMED AND APPROVED BY THE ARCHITECT PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION OR FABRICATION WORKS. REFER TO THE ARCHITECT'S DRAWINGS FOR ALL LOCATIONS, EXTENTS, SPECIFICATIONS AND DETAILS OF DPM, WATERPROOFING, INSULATION & THERMAL BREAK LOCATIONS, FINISHES, FIRE PROTECTION (INCLUDING REQUIRED FIRE RESISTANCE PERIOD) AND MOVEMENT JOINTS
- STEELWORK  
ALL STEELWORK TO BE GRADE S355 HOT ROLLED UNLESS SPECIFIED OTHERWISE ALL STEEL CONNECTIONS TO BE FABRICATOR DESIGNED BASED ON LOADS GIVEN BY MBA. ALL STEELWORK TO BE FABRICATED AND PAINTED IN ACCORDANCE WITH MBA SPEC.  
ALL STEELWORK BUILT INTO THE STRUCTURE TO HAVE 2 COATS OF HIGH BUILD BITUMINOUS PAINT ON INACCESSIBLE SURFACES. ALL BOLTS TO BE GRADE 8.8 PROVIDE MIN. 2 No. M16 BOLTS PER CONN. ALL WELDS TO MIN. 6mm FILLET WELDS. ALL STEEL LOCATED EXTERNALLY TO HAVE 140 MICRON GALVANIZING TO MBA SPEC.  
FIRE PROTECTION TO ALL STEELWORK TO ARCHITECTS DETAILS.
- ROOF/CLADDING  
ALL ROOF FINISHES AND MAKE-UP, EAVES, RIDGE, VERGE + SETTING OUT TO ARCHITECTS DRAWINGS AND SPECIFICATIONS.

P6	13.11.17	ISSUED FOR BUILDING REGS	DJ	EP
P5	09.11.17	ISSUED FOR TENDER	DJ	EP
P4	07.11.17	ISSUED FOR TENDER	DJ	EP
P3	27.10.17	ISSUED FOR TENDER	DJ	MH
P2	11.10.17	ISSUED FOR CO-ORDINATION	DJ	EP
P1	10.10.17	ISSUED FOR CO-ORDINATION	DJ	EP
DATE		REVISION SUMMARY	BY	CHK

JOB TITLE:  
CARN GWAVAL  
CHURCH ROAD, ST MARY'S  
ISLES OF SCILLY  
TR21 0NA



DETAIL:  
GROUND FLOOR PLAN SHOWING  
ROOF STRUCTURE OVER

DRN. BY: D JAMES		
DATE: OCT 2017		SCALE: 1:50 @ A1
JOB NO: 16240	DRAWING No: 15	REV: P6

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