

**SUPERSTRUCTURE NOTES:**

- IN ADDITION TO THE FOLLOWING NOTES REFERENCE SHOULD BE MADE TO THE HEALTH AND SAFETY PLAN AND TO THE FULL ENGINEERS SPECIFICATION, WHERE ISSUED, COPIES OF WHICH SHALL BE KEPT ON SITE.
- THE CONTRACTOR SHALL VERIFY ALL SITE DIMENSIONS, SETTING OUT DIMENSIONS AND LEVELS WITH THE ARCHITECTS. ENGINEER TO BE INFORMED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORKS.
- REFER TO ARCHITECTS DRAWING FOR DETAILS OF DPC'S, DPM'S, WATERPROOFING AND INSULATION.
- THE CONTRACTOR IS RESPONSIBLE AND LIABLE FOR ENSURING THE STABILITY OF THE WORKS, ADJOINING STRUCTURES AND SERVICES AT ALL STAGES OF CONSTRUCTION.
- ALL LINTEL SIZES ARE SUGGESTED SIZES ONLY AND SHOULD BE CONFIRMED AND INSTALLED STRICTLY IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- ALL LINTELS TO BE PROVIDED WITH 150mm MIN. END BEARING UNLESS NOTED OTHERWISE.
- NO SERVICE HOLES ARE TO BE FORMED THROUGH ANY JOISTS/BEAMS WITHOUT PRIOR WRITTEN APPROVAL OF THE ENGINEER.
- REFER TO ARCHITECTS DRAWINGS FOR FIRE PROTECTION TO STEELWORK.
- ALL PADSTONES TO BE 450L x 100W x 225D UNLESS NOTED OTHERWISE.
- ALL CAVITY WALL TIES ARE TO BE STAINLESS STEEL AND TO BE POSITIONED STRICTLY IN ACCORDANCE WITH BS 5628 : PART 3: 2005
- AT OPENINGS AND MOVEMENT JOINTS WALL TIES ARE TO BE SPACED AT MAX 300mm CENTRES VERTICALLY AND NO GREATER THAN 225mm AWAY FROM OPENING OR JOINT, UNLESS NOTED OTHERWISE.
- MASONRY RESTRAINT STRAPS ARE TO BE PROVIDED AT FLOOR, CEILING AND ROOF LEVEL IN ACCORDANCE WITH APPENDIX D BS 5628: PART 1:2005
- REFER TO ARCHITECTS DRAWINGS FOR MOVEMENT JOINT DETAILS.
- BLOCKWORK MOVEMENT JOINTS TO BE POSITIONED STRICTLY IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- THE MAXIMUM WEIGHT OF ANY BLOCK IS NOT TO EXCEED 20kg.

**FOUNDATION NOTES:**

- IN ADDITION TO THE FOLLOWING NOTES REFERENCE SHOULD BE MADE TO THE HEALTH AND SAFETY PLAN AND TO THE FULL ENGINEERS SPECIFICATION, WHERE ISSUED, COPIES OF WHICH SHALL BE KEPT ON SITE.
- THE CONTRACTOR SHALL VERIFY ALL SITE DIMENSIONS, SETTING OUT DIMENSIONS AND LEVELS WITH THE ARCHITECT. ENGINEER TO BE INFORMED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORKS.
- REFER TO ARCHITECTS DRAWINGS FOR DETAILS OF DPC'S DPM'S, WATERPROOFING AND INSULATION.
- THE CONTRACTOR IS RESPONSIBLE AND LIABLE FOR ENSURING THE STABILITY OF THE WORKS, ADJOINING STRUCTURES AND SERVICES AT ALL STAGES OF CONSTRUCTION.
- REFER TO DESIGN CALCULATIONS FOR ASSUMPTIONS OF SOIL CONDITIONS. THE DISCOVERY OF CONDITIONS, BY THE CONTRACTOR, NOT IN ACCORDANCE WITH THESE ASSUMPTIONS MUST BE REPORTED TO THE ENGINEER BEFORE PROCEEDING WITH THE CONSTRUCTION OF THE FOUNDATIONS.
- UNLESS NOTED OTHERWISE, THE SOIL CONDITIONS ARE DEEMED SUITABLE OF SUPPORTING A NET LOAD OF 100 kN/m<sup>2</sup>.
- THE BOTTOM 75mm OF ALL EXCAVATIONS SHALL ONLY BE REMOVED IMMEDIATELY PRIOR TO THE POURING OF CONCRETE. ALTERNATIVELY THE BOTTOM OF THE EXCAVATIONS SHALL BE TRIMMED, LEVELLED AND PROTECTED WITH 50mm OF C8 / 10 CONCRETE MIX, HAVING DUE REGARD TO THE NECESSARY SUPPORT TO THE EXCAVATIONS.
- FOUNDATION EXCAVATIONS TAKEN DOWN LOWER THAN SHOWN ON THIS DRAWING SHALL, WITH THE APPROVAL OF THE ENGINEER, BE MADE UP IN C8 / 10 CONCRETE MIX.
- THE EXCAVATION AND SURROUNDING SITE SHALL BE KEPT FREE OF WATER.
- THE CONCRETE SHALL BE COMPACTED BY MEANS OF A MECHANICAL VIBRATOR AND THE WORKABILITY SHALL BE SUCH THAT WHEN COMPACTED A DENSE CONCRETE FREE FROM VOIDS WILL BE PRODUCED.
- IN ORDER TO SUIT LEVELS THE BOTTOM OF EXCAVATIONS MAY BE STEPPED A MAXIMUM HEIGHT OF 300mm WITH AN OVERLAP OF 100mm MINIMUM DEPTH OF CONCRETE TO BE 500mm UNLESS NOTED OTHERWISE.
- FOOTINGS TO BE FOUNDED 600mm BELOW ANY ROOTS ENCOUNTERED AND 300mm BELOW THE INVERT OF ANY ADJACENT PARALLEL EXISTING OR PROPOSED DRAINAGE, OR AS SHOWN ON THE DRAWINGS, WHICHEVER IS THE DEEPEST.
- THE FOUNDATION DEPTHS GIVEN ARE THE MINIMUM BELOW EXISTING OR PROPOSED GROUND LEVEL, WHICHEVER IS THE DEEPEST.
- UNLESS SHOWN, CANHAM CONSULTING LIMITED HAVE NO KNOWLEDGE OF ANY UNDERGROUND OBSTRUCTIONS OR SERVICES.
- WHERE SERVICES OF UP TO 225mm DIA. PASS THROUGH THE FOOTINGS THE MINIMUM DEPTH OF CONCRETE COVER IS TO BE 225mm. NO DUCTS OR PIPES OF GREATER DIAMETER SHALL PASS THROUGH THE FOOTINGS WITHOUT THE ENGINEER'S PRIOR APPROVAL.
- IN THE EVENT OF CLAY SOILS BEING ENCOUNTERED ON SITE, UNKNOWN TO THE ENGINEER, THE ENGINEER IS TO BE INFORMED IMMEDIATELY.
- UNLESS STATED OTHERWISE, CANHAM CONSULTING LTD HAVE NO KNOWLEDGE OF ANY HISTORIC USES OF THE SITE, AND CAN THEREFORE, NOT COMMENT ON ANY SUCH ISSUES.

**MASONRY NOTES:**

- ALL MASONRY WORK IS TO BE IN ACCORDANCE WITH BS 5628 PART 1:2005 BS 5628 PART 3:2005 AND BS 8000 PART 3:2001.
- FACING BRICKWORK IS TO BE IN ACCORDANCE WITH THE ARCHITECTS SPECIFICATION.
- ALL BRICKS ARE TO BE FIRED-CLAY UNITS IN ACCORDANCE WITH BS 3921 AND ARE TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 20N/mm<sup>2</sup> THE MINIMUM STRENGTH REQUIREMENT OF THE MORTAR TO BE USED IS TYPE (iii) M4.
- ALL BLOCKS ARE TO BE SOLID BLOCKS IN ACCORDANCE WITH BS 6073 PART 1:1981 THE MINIMUM COMPRESSIVE STRENGTH IS TO BE 3.5N/mm<sup>2</sup> UNO. BLOCK DENSITY IS TO BE A MIN OF APPROXIMATELY 1400 kg/m<sup>3</sup> EXCEPT IN PARTY WALLS WHERE THE MINIMUM DENSITY IS TO BE 1850 kg/m<sup>3</sup>. IT IS ANTICIPATED THAT THE HIGH STRENGTH BLOCKS WILL HAVE A DENSITY OF APPROXIMATELY 2200 kg/m<sup>3</sup>. WHERE INDIVIDUAL BLOCK WEIGHTS WOULD EXCEED 20 kg FOR STANDARD SIZE BLOCKS, THEN MILD TYPE BLOCKS ARE TO BE USED. ALL BLOCKS ARE TO MEET THE REQUIREMENTS OF THE SPECIAL CATEGORY OF MANUFACTURING CONTROL. MORTAR IS TO BE DESIGNATION (iii) M4 U.N.O. CUT BLOCKS ARE TO BE SAW CUT OR A PROPRIETARY BLOCK SPLITTER IS TO BE USED.
- ALL BLOCKWORK BELOW D.P.C. LEVEL IS TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 7.0 N/mm<sup>2</sup> OR EQUAL TO THE STRENGTH OF THE WALL ABOVE, WHICHEVER IS THE GREATER. ALL MORTAR TO BLOCKWORK BELOW D.P.C. LEVEL IS TO BE DESIGNATION (ii) M6.
- WALL TIES TO CAVITY WALLS ARE TO BE STAINLESS STEEL TYPE 2 TIES IN ACCORDANCE WITH DD 140 PART 2:1987 TIES ARE TO HAVE A MINIMUM OF 50mm EMBEDMENT IN EACH LEAF. ALL TIES ARE TO COMPLY WITH PART E OF THE BUILDING REGULATIONS.
- WALL TIES TO CAVITY ARE TO BE GENERALLY POSITIONED AT 450mm C/C VERTICALLY AND AT 900mm C/C HORIZONTALLY. HORIZONTAL STAGGER OF 450mm. ADDITIONAL TIES AT EVERY BLOCK COURSE WITHIN 225mm OF OPENINGS OR MOVEMENT JOINTS. TO BE PLACED AT MAXIMUM 450mm C/C HORIZONTALLY ABOVE AND BELOW HORIZONTAL RESTRAINTS.
- WALL TIES FOR COLLAR JOINTED WALLS ARE TO BE ANCON TYPE SPS 20 x 3mm AND 150mm LONG STAINLESS STEEL OR SIMILAR APPROVED. TO BE BUILT INTO THE BED JOINTS AT 450mm C/C VERTICALLY AND AT 450mm C/C HORIZONTALLY STAGGERED. TO BE PLACED AT 225mm C/C VERTICALLY WITHIN 225mm OF OPENINGS OR MOVEMENT JOINTS.
- FOR DETAILS OF CAVITY CLOSURES CAVITY TRAYS AND DAMP PROOF COURSES SEE ARCHITECTS DRAWINGS.
- ALL PROPRIETARY LINTELS ARE TO BE USED IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
- LINTELS ARE TO HAVE A MINIMUM 150mm END BEARING ON WALLS U.N.O.
- FULL MASONRY UNITS ARE TO BE PROVIDED IMMEDIATELY BELOW BEARINGS AND PADSTONES.
- ALL STEEL BEAMS ARE TO HAVE FULL WIDTH BEARINGS ON THE PADSTONE U.N.O SPECIFICATION FOR PADSTONE CONCRETE CONCRETE IS TO CONFORM TO BS 8500-2 AND BS 206-1 DESIGN GRADE C25 / 30 MAXIMUM AGGREGATE SIZE 10mm CONSISTENCE CLASS T.B.A. BY USER
- CONCRETE PADSTONES ARE TO BE CAST IN-SITU UNLESS AGREED WITH ENGINEERS. WHERE PRE-CASTING OF PADSTONES IS PERMITTED THE PADSTONES ARE TO BE BEDDED IN DESIGNATION (i) M12 MORTAR AND THE SURROUNDING MASONRY BUILT TIGHT TO THE PADSTONE. PADSTONES ARE TO BE POSITIONED CENTRALLY BENEATH BEAMS U.N.O. ALL BEAMS ARE TO HAVE FULL WIDTH BEARING ON PADSTONES U.N.O.
- THE DEPTH OF THE PADSTONE GIVEN IN THE PADSTONE SCHEDULE IS THE MINIMUM DEPTH OF CONCRETE PERMITTED. THE DEPTH OF THE PADSTONES IS TO BE INCREASED AS REQUIRED SUCH THAT THE BOTTOM OF THE PADSTONE COINCIDES WITH A BED JOINT IN THE MASONRY AND BEARS ON FULL UN-CUT MASONRY UNITS.
- FOR DETAILS OF THE WALL FINISHES AND PLASTER STOPS SEE ARCHITECTS DRAWINGS.
- JOINT SEALANTS IN EXTERNAL FACING BRICKWORK ARE TO BE IN ACCORDANCE WITH ARCHITECTS SPECIFICATION. COMPRESSIBLE JOINT FILLER BOARD IS TO BE COMPATIBLE WITH THE SPECIFIED JOINT SEALANT SYSTEM.
- COMPRESSIBLE JOINT FILLER BOARD TO JOINTS IN MASONRY IS TO BE A FLEXIBLE CLOSED CELL POLYETHYLENE FILLER SUCH AS AEROFIL 1 BY WR GRACE LTD OR EQUAL APPROVED.
- MORTAR TEST CUBES ARE TO BE TAKEN AND TESTED IN ACCORDANCE WITH APPENDIX A OF BS 5628 PART 1:2005

**GENERAL STEELWORK NOTES:**

- ALL STRUCTURAL STEELWORK INCLUDING BOLTS CLEATS ETC TO BE SUPPLIED BY THE STEELWORK SUBCONTRACTOR ALL IN ACCORDANCE WITH OUR STRUCTURAL STEELWORK SPECIFICATION.
- ALL STRUCTURAL STEELWORK TO MILD STEEL GRADE S355 UNO.
- ALL STRUCTURAL STEELWORK TO BE EXECUTION CLASS EXC2 UNO.
- ALL BOLTS TO BE M16 BOLTS GRADE 8.8. UNO.
- ALL WELDS TO BE 6mm CONTINUOUS FILLET WELD UNO.
- ALL PLATES TO BE 10mm THICK MIN UNO.
- ALL BRACING MEMBERS TO HAVE A MIN OF TWO BOLT CONNECTIONS. ALL BEAM STANCHIONS TO HAVE A MIN OF FOUR BOLT CONNECTION.
- END CONNECTIONS TO BE DESIGNED BY STEELWORK SUBCONTRACTOR SUBJECT TO THE MINIMA COVERED IN NOTES 1 TO 6 ABOVE AND TO MEET THE REQUIREMENTS OF BS EN 1993. COPIES OF THESE CALCULATIONS ARE TO BE SUBMITTED TO CANHAM CONSULTING LTD FOR REVIEW.
- SURFACE TREATMENT OF STRUCTURAL STEELWORK TO BE IN ACCORDANCE WITH OUR SPECIFICATION.
- FABRICATION DRAWINGS TO BE SENT TO CANHAM CONSULTING LTD FOR REVIEW PRIOR TO FABRICATION OF STRUCTURAL STEELWORK.
- HOLDING DOWN BOLTS SHALL BE SUPPLIED BY THE STEELWORK SUBCONTRACTOR AND FIXED BY THE GENERAL CONTRACTOR.
- THE HOLDING DOWN BOLTS SHALL BE SET OUT IN ACCORDANCE WITH THE DETAILS SHOWN ON THE STEELWORK SUBCONTRACTORS DRAWINGS.
- THE GROUTING IN OF THE STANCHION BASES SHALL BE CARRIED OUT BY THE GENERAL CONTRACTOR, USING CONBEXTRA GP NON-SHRINK CEMENTITIOUS GROUT SUPPLIED BY FOSROC LTD OR SIMILAR APPROVED.
- THE STEELWORK SUBCONTRACTOR SHALL BE RESPONSIBLE FOR TAKING ALL NECESSARY SITE MEASUREMENTS OF THE EXISTING BUILDINGS WHEN REQUIRED, PRIOR TO FABRICATION TO ENSURE THE CORRECT FIT OF THE NEW WORKS ON SITE.
- THE STEELWORK SUBCONTRACTOR SHALL BE RESPONSIBLE FOR THE STABILITY OF THE STRUCTURE DURING ERECTION AND SHALL PROVIDE ANY TEMPORARY BRACING AS NECESSARY.

**STEELWORK NOTES:****STEELWORK PRELIMINARIES:**

- ALL STEELWORK TO BE CARRIED OUT STRICTLY IN ACCORDANCE WITH BSEN 1090-2 AND NATIONAL STRUCTURAL STEELWORK SPECIFICATION 6TH EDITION.
  - ALL WORKMANSHIP AND MATERIALS TO BE IN ACCORDANCE WITH ALL CURRENT RELEVANT CODES OF PRACTICE AND BRITISH STANDARDS.
- SURFACE PREPARATION (ALL STEELWORK):**
- DEGREASING: REMOVAL OF DIRT AND DEGREASING SHALL BE CARRIED OUT THOROUGHLY AS DESCRIBED IN BS 5493.
  - BLAST CLEANING: WHEN PROTECTION OF THE STEELWORK FROM CORROSION IS SPECIFIED THE TYPE OF FACE FINISH OF BLAST-CLEANED STEEL IS TO BE IN ACCORDANCE WITH BS 4232.
  - WIRE BRUSHING: WIRE BRUSHING WILL NOT BE PERMITTED EXCEPT IN THE CASE OF NOMINAL RUSTING TO PREVIOUSLY BLAST CLEANED SURFACES. THIS WILL BE GRADE C TYPE OF SURFACE TO S.I.S. 05.59.00 (1967)
  - SURFACE FINISH: THE QUALITY OF THE BLAST CLEANING SHALL BE TO EITHER BS 4232 2ND QUALITY OR S.A. 2.5 SWEDISH STANDARD. DEPTH OF SURFACE IDENTATIONS SHALL NOT BE LESS THAN 0.05mm NOR MORE THAN 0.10mm.
  - TESTING: THE SURFACE AFTER TREATMENT SHALL CONTAIN LESS THAN 10% RESIDUAL MILL SCALE WHEN TESTED WITH A SOLUTION OF 4% COPPER SULPHATE IN 1% SULPHURIC ACID SOLUTION.
  - SEQUENCE: BLAST CLEANING SHALL BE CARRIED OUT AFTER FABRICATION UNLESS PRIOR APPROVAL HAS BEEN OBTAINED FROM ENGINEER. SHOULD THE CONTRACTOR WISH TO BLAST CLEAN PRIOR TO FABRICATION, HE SHALL SUBMIT HIS PROPOSALS FOR REMOVING WELD FLUX AND IN ANY CASE THE STANDARD OF SURFACE CLEANLINESS AT THE TIME OF TREATMENT MUST BE EQUIVALENT TO C.5X (+) 3 SWEDISH STANDARD.
  - CHECK ADHESION OF PAINT SYSTEM BY MEANS OF ADHESION TESTS TO BS 3900: PART E6. ADHESION OF PAINT SYSTEM TO BE NOT WORSE THAN CLASSIFICATION 2.
  - CORROSION PROTECTION SYSTEMS:
    - CORROSION PROTECTION TO ALL FABRICATED STEELWORK IS TO BE AS FOLLOWS:  
PREPARATION: BLAST CLEAN TO 2nd QUALITY BS4232  
SHOP PRIMER: 2 PACK EPOXY ZINC PHOSPHATE 75µm DFT
    - CORROSION PROTECTION TO GALVANISED STEELWORK IS TO BE AS FOLLOWS:  
PREPARATION: BLAST CLEAN TO 2nd QUALITY BS4232  
HOT DIPPED GALVANISED TO BS EN ISO 1461 AT 85 µm (610g/m<sup>2</sup>)
- SITE COATS:  
ALLOW TO DEGREASE, FOLLOWED BY DECORATIVE PAINT FINISHES TO ARCHITECT SPECIFICATION

**GENERAL TIMBER NOTES:**

- ALL STRUCTURAL TIMBER FLOOR/ROOF MEMBERS TO BE OF MINIMUM SIZE AS SHOWN ON THE DETAILED DRAWINGS. SIZES SHOWN ARE NOMINAL TIMBER SIZES EXCEPT AS NOTED ON THE DRAWINGS AND WILL BE SUBJECT TO REDUCTIONS IN FINISHED SIZE TO BS 4471
- FOR ADDITIONAL SETTING OUT DETAILS OF WALLS REFER TO ARCHITECT'S DETAILS.
- TIMBER FLOOR JOIST / RAFTERS SHALL HAVE MINIMUM BEARINGS OF 100mm ON MASONRY AND 75mm ON STEEL BEAMS OR TIMBER PLATES EXCEPT AS NOTED ON THE DRAWINGS. TIMBER FLOOR / RAFTERS JOISTS SHALL NOT BE BUILT INTO PARTY WALL CONSTRUCTIONS BUT SHALL BE SUPPORTED ON PROPRIETARY JOIST HANGERS AT SUCH LOCATIONS.
- ALL STRUCTURAL TIMBER TO BE TANALISED OR SIMILARLY PRESERVATIVE TREATED. WHERE TIMBERS ARE BOLTED TOGETHER, SUCH BOLTS SHALL BE HOT DIP GALVANISED.
- TIMBER CUT AFTER TREATMENT SHOULD BE SWABBED WITH ADDITIONAL TREATMENT.
- DOUBLE JOISTS SHALL BE PROVIDED UNDER NON-LOAD BEARING STUD WORK PARTITIONS RUNNING PARALLEL WITH JOIST SPANS, UNDER BATHS AND UNDER WATER TANKS IN AIRING CUPBOARDS.
- ALL MEMBERS SUPPORTED ON PROPRIETARY HANGERS SHALL BE ACCURATELY CUT TO PROVIDE A FULL CONTACT WITH THE BASE OF THE HANGER AND SHALL BE FIXED IN ACCORDANCE WITH THE HANGER MANUFACTURERS INSTRUCTIONS. JOISTS / RAFTERS SHALL BE REBATED TO LIE FLUSH WITH UNDERSIDE OF HANGERS. WHERE JOIST HANGERS ARE PROVIDED TO SUPPORT JOISTS / RAFTERS OVER STEEL BEAMS, THE WEB IS TO BE FULLY PACKED TO ENSURE FULL CONTACT.
- ALL MEMBERS FITTED INTO STEEL BEAMS SHALL PROVIDE A GOOD FIT TO THE WEB OF THE BEAM AND SHALL BE NOTCHED THE MINIMUM AMOUNT REQUIRED TO CLEAR THE BEAM FLANGES. WHERE STEEL BEAMS ARE SPECIFIED WITHIN THE FLOOR / ROOF DEPTH, THE UNDERSIDE OF JOISTS SHALL BE 5mm BELOW THE UNDERSIDE OF THE BEAMS.
- EXTERNAL AND PARTY WALLS PARALLEL WITH JOISTS / RAFTERS SPANS SHALL BE RESTRAINED AT TOP OF FLOOR JOIST / RAFTER LEVEL AT NOT MORE THAN 2.0m CENTRES WITH GALVANISED 30mm x 5.0mm STRAPS EXTENDING OVER A MINIMUM OF 3 JOISTS / RAFTERS. NOGGINs NOT LESS THEN 75% OF JOIST / RAFTER DEPTH AND TIMBER BLOCKING ADJACENT TO WALLS SHALL BE FIXED BETWEEN JOISTS / RAFTERS AT ALL STRAP LOCATIONS. STRAPS SHALL BE FIXED TO MEMBERS WITH NOT LESS THAN 4 No. 32mm x 3.5mm GALVANISED OR SHERARDISED SQUARE TWISTED NAILS.
- END JOISTS / RAFTERS SHALL BE POSITIONED APPROXIMATELY 50mm FROM MASONRY WALLS. JOIST / RAFTERS CENTRES GENERALLY SHALL BE EQUAL AND SHALL NOT EXCEED THE DESIGN CENTRES SHOWN ON THE DRAWING.
- UNLESS SPECIFIED OTHERWISE, SECURELY FIX STRUTTING BETWEEN JOISTS AT CENTRES AS FOLLOWS:
  - JOIST SPAN OF 2.5m TO 4.5m: ONE ROW AT CENTRE OF SPAN. JOIST SPAN OVER 4.5m: TWO ROWS EQUALLY SPACED.
  - STRUTTING SHALL TAKE THE FORM OF ONE OF THE FOLLOWING:
    - 38mm x 38mm SOFTWOOD HERRINGBONE STRUTTING LOCATED BETWEEN 5 AND 25mm CLEAR OF TOP AND BOTTOM EDGES OF JOIST. PROPRIETARY GALVANISED METAL STRUTTING FIXED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS. SOLID SOFTWOOD STRUTTING NOT LESS THAN 38mm THICK AT LEAST THREE QUARTERS OF THE DEPTH OF THE JOIST.
- STANDARD ARRANGEMENT OF BRACING TO BE ADOPTED IN ACCORDANCE WITH BS 5268 PART 3 TO ROOF BETWEEN HIP ENDS.
- THE CONTRACTOR IS RESPONSIBLE FOR THE STABILITY OF THE WORKS DURING CONSTRUCTION AND SHALL PROVIDE TEMPORARY PROPPING, BRACING ETC. AS NECESSARY.
- ALL INFILL TIMBERS AND BRACINGS TO BE MINIMUM GRADE C16.
- TO AVOID DISTORTION, WETTING AND ACCIDENTAL DAMAGE, TRUSSED RAFTERS TO BE HANDLED, STORED AND ERECTED ON SITE IN ACCORDANCE WITH BRE DEFECT ACTION SHEET 5.
- TIMBER, MECHANICAL FIXINGS, FASTENINGS, ADHESIVES AND PRESERVATIVES SHALL COMPLY WITH ALL RELEVANT BRITISH STANDARDS. ALL WORKMANSHIP AND FIXING DETAILS TO BE IN ACCORDANCE WITH BS 5268.
- ALL NAILS, BOLTS AND SCREWS TO BE ELECTRO-ZINC PLATED OR SHERARDISED.
- PRESERVATIVE TREATMENT BY EITHER THE COPPER-CHROME-ARSENIC VACUUM PRESSURE OR ORGANIC SOLVENT DOUBLE VACUUM METHOD SHOULD BE APPLIED TO SOLE PLATES, WALL PLATES, TIMBER IN FLAT ROOFS, TILING BATTENS, SUSPENDED TIMBER FLOORS, LOADBEARING TIMBER FRAMING FORMING THE INNER LEAF OF THE EXTERNAL CAVITY WALL AND ALL TIMBER IN CONTACT WITH THE OUTER LEAF OF A CAVITY WALL.

**PRELIMINARY ISSUE ONLY**

P01	10.07.23	PRELIMINARY ISSUE		NTE	JP
rev	date	details		drawn	check



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**CONSTRUCTION NOTES**

CCL ref:	drawn	design	checked	scale	size	date
212480	NTE	NTE	JP	1:1	A1 (L)	06.2023
status:	S3 - SUITABLE FOR REVIEW & COMMENT					
drawing number						revision
212480-CCL-XX-XX-DR-S-0050						P01

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THIS DESIGN IS PRODUCED IN ACCORDANCE WITH THE CONSTRUCTION DESIGN AND MANAGEMENT REGULATIONS 2015 INCORPORATING THE APPROVED CODE OF PRACTICE REGULATIONS 2 AND 11. THESE REGULATIONS REQUIRE THAT THE DESIGNER SHALL BE AWARE OF THE AUTHORITY OF CANHAM CONSULTING LTD SHOULD BE AWARE THEY MAY ALSO ASSUME RESPONSIBILITY FOR THOSE DUTIES.