

TIMBER NOTES

1. ALL TIMBER WORKMANSHIP IS TO BE IN ACCORDANCE WITH BS2426:PART 2:2002
2. ALL TIMBER IS TO BE PRESERVATIVE TREATED IN ACCORDANCE WITH BS5248:PART 5:1989 ANY TIMBER THAT IS CUT, DRIILLED OR SHAPED AFTER TREATMENT IS TO BE RE-TREATED WITH THE RELEVANT PRESERVATIVE OR TREATMENT SPECIFICATION BEFORE ASSEMBLY.
3. ALL NAILS ARE TO BE IN ACCORDANCE WITH BS1202.
4. ALL SCREWS ARE TO BE IN ACCORDANCE WITH BS1210. ALL NAILS AND SCREWS ARE TO BE SHERDIZED.
5. ALL BOLTS TO TIMBER FACES ARE TO BE FITTED WITH ORGANSIZ WASHERS IN ACCORDANCE WITH CLAUSE 6.6.1. OF BS5248:PART 2:2002.
6. ALL PROPRIETARY GALVANIZED STEEL STRIPS, TRUSS CUPS AND FINNCS ARE TO BE USED IN STRICT ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS FOR NEW TIMBER MEMBERS.
7. ALL NOTCHES ARE TO BE CUT OR DRIILLED IN TIMBER MEMBERS UNLESS SHOWN ON THE DRAWINGS. THE ENGINEERS ARE TO BE ADVISED OF THE REDUCED MOMENT AND SIZE CAP BE AGREED AND THE REQUIREMENTS FOR ANY STRENGTHENING WORKS DETERMINED.
8. THE INTERNAL CORNERS OF ANY NOTCHES REQUIRED IN FLOOR JOISTS ARE TO BE PROVIDED WITH A 6mm RADIUS.
9. ALL FRAM ASSOCIATED WITH THE STRUCTURAL TIMBER ROOF TO BE HOT DIPPED GALVANIZED TO BS724.
10. ALL JOISTS INSTALLED TO HAVE LATERAL RESTRAINT WITH ROSSARS, TIE STRIPS AND OR HERMABONE STRIPS IN ACCORDANCE WITH NIBC DETAILS UNDO.
11. TRUSSED ROOFS TO HAVE LATERAL RESTRAINT PROVIDED WITH ROSSARS AND FLAT STRIPS IN ACCORDANCE WITH NIBC DETAILS UNDO.
12. TIMBER FLAT ROOF TO HAVE STRUCTURE PROVIDED IN THE FORM OF SOLID BLOCKING OR PROPRIETARY HERMABONE STEEL STRUTTING AT MAX 2.5m C/C IN ACCORDANCE WITH NIBC DETAIL UNDO. FOR ALL NEW FLAT ROOFS
13. LATERAL RESTRAINT STRIPS TO TRUSSES TO BE GALVANIZED 300mm WITH MINIMUM DOWN TURN ANCHORAGE OF 150mm & INSTALLED AT A MAXIMUM OF 3mC TRUSSES STRIPS TO BE INSTALLED AT A MAXIMUM OF 2m CENTRES SET OUT FROM THE PECK OF THE TRUSS.
14. ALL WALL PLATES TO BE SECURED TO MASONRY USING M12 ANCHORS WITH HINT HIT 670 RESIN AT CENTRE OF EVERY ALTERNATE BLOCK MAX 800mm C/C. VERTICAL GALVANIZED RESTRAINT STRIPS 1.2m LONG @ MAX 2m C/C
15. ALL STAIRCASES TO CONTRACTOR/SPECIALIST DESIGN & CONSTRUCTION

PLING NOTES

1. ALL PLING TO BE DESIGNED & INSTALLED IN ACCORDANCE WITH THE LATEST VERSION OF ICE SPECIFICATION FOR PLING & EMBEDDED REMAINING WALLS

GENERAL NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS, DETAILS AND SPECIFICATIONS.
2. THESE DRAWINGS MUST NOT BE SCALED.
3. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
4. ALL DIMENSIONS AND DETAILS MUST BE CHECKED ON SITE DURING THE COURSE OF THE WORKS.
5. ALL WORKS ARE TO BE UNDERTAKEN IN ACCORDANCE WITH THE BUILDING REGULATIONS AND LATEST BRITISH/EC STANDARDS.
6. ALL PROPRIETARY MATERIALS AND PRODUCTS ARE TO BE USED IN STRICT ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.
7. FOR SETTING OUT DIMENSIONS, LEVELS EXISTING & PROPOSED REFER TO ARCHITECTS DRAWINGS.
8. FOR DETAILS OF CANY CLOSURES, CANY TRAYS AND DAMP PROOF COURSES REFER TO ARCHITECTS DRAWINGS.
9. FOR DETAILS, SIZES AND SETTING OUT OF ALL DRAINS, DUCTS, PIPES AND SERVICES, REFER TO ARCHITECT DRAWINGS & SSA DRAINAGE DRAWINGS.
10. FOR DAMP-PROOFING & WATERPROOFING DETAILS REFER TO ARCHITECTS DRAWINGS.
11. FOR DETAILS OF ALL FINISHES REFER TO ARCHITECTS DRAWINGS.
12. CONTRACTOR TO ALLOW FOR PULL-OUT TESTS FOR ALL RESIN ANCHORS OR EXPANSION BOLTS ETC.
13. TEMPORARY WORKS TO SSA DESIGN.

STEELWORK NOTES CONT..

1. ALL STRUCTURAL STEEL SECTIONS AND PLATES ARE TO BE FROM THE GRADE S235 SERIES IN ACCORDANCE WITH BS EN 1011-1 AND BS EN 1011-2 UNLESS NOTED OTHERWISE. ALL HOLLOW SECTIONS ARE TO BE HOT FINISHED GRADE S235OH IN ACCORDANCE WITH BS EN 10210:PART 1 UNLESS NOTED OTHERWISE & MSS.
2. ALL STEELWORK IS TO BE FABRICATED AND ERRECTED IN ACCORDANCE WITH BS5950:PART 2:2001.
3. ALL ORDINARY BOLTS ARE TO BE GRADE 8.8 IN ACCORDANCE WITH BS4190 WITH NUTS IN ACCORDANCE WITH BS4140. WASHERS ARE TO COMPLY WITH BS4330. ALL BOLTS ARE TO BE GALVANIZED IN ACCORDANCE WITH BS5731.
4. BOLT EDGE DISTANCES AND SPACING TO BE IN ACCORDANCE WITH BS 5950
5. ALL WELDING IS TO BE IN ACCORDANCE WITH BS EN 1011-1-1 AND BS EN 1011-2 UNLESS NOTED OTHERWISE. ALL WELDS ARE TO BE CONTINUOUS 6mm LEG LENGTH FILLET WELDS UNLESS NOTED OTHERWISE. ALL BUTT WELDS ARE TO BE FULL STRENGTH WELDS. ALL WELD TESTING IS TO BE IN ACCORDANCE WITH ANNEX A OF BS5950:PART 2.
6. HEAVYER FLANGE WELDS (80mm FN) TO BEAMS WITH EXTENDED END PLATE CONNECTIONS MUST BE CONTINUED UNTO WELD A MINIMUM OF 50mm.
7. ALL NOTCHES IN WEBS AND FLANGES ARE TO HAVE A MINIMUM 10mm RADIUS AT RE-ENTRANT CORNERS.
8. THE POSITION AND SIZE OF ANY HOLES OR FITTINGS REQUIRED ON THE STEELWORK TO ASSIST WITH THE ERECTION OR THE CONNECTION OF SAFETY NETS OR HARNESSSES IS TO BE AGREED WITH THE ENGINEERS.
9. ALL STEELWORK TO BE BLAST CLEANED TO 2 1/2µm AND PAINTED WITH HIGH SOLID EPOXY ZINC PHOSPHATE PRIMER UNLESS ENVIRONMENT REQUIRES ENHANCED PROTECTION.
10. ALL STEELWORK EXPOSED TO THE QUARTY OF EXTERNAL COUNTY WALLS TO BE HOT DIPPED GALVANIZED TO BS724 MIN GALVANOD OR SIMILAR APPROVED.
11. ALL PAINTS MUST BE COMPATIBLE WITH ANY ANTISEPTIC PAINT SYSTEMS SPECIFIED BY THE ARCHITECT.
12. ALL PAINTS ARE TO BE USED IN STRICT ACCORDANCE WITH BS EN SO 12944 AND THE MANUFACTURING RECOMMENDATIONS. ALL MATERIALS ARE TO BE OBTAINED FROM A SINGLE MANUFACTURER.
13. ANY STEELWORK THAT CANNOT BE ERRECTED UNTIL OTHER TRADES ARE COMPLETE TO BE CORRECTLY STORED. THE MAIN CONTRACTOR RESPONSIB FOR ANY PHASING OF INSTALLATION.
14. ON COMPLETION OF STEELWORK ERECTION ALL ACCUMULATIONS OF SALTS, DIRT, MUD, GREASE, CONCRETE ETC. ARE TO BE REMOVED AND ANY DAMAGE TO PROTECTIVE TREATMENTS DUE TO HANDLING OR ERECTION PROCEDURES IS TO BE MADE GOOD.
15. FOR DETAILS OF ANY DECORATIVE FINISHES SEE THE ARCHITECTS SPECIFICATIONS.
16. FOR DETAILS OF FIRE PROTECTION REFER TO ARCHITECTS DRAWINGS. WHERE INTUMESCENT PAINTS ARE SPECIFIED, THE PAINT SYSTEMS SPECIFIED FOR CORROSION PROTECTION MUST BE COMPATIBLE WITH THE INTUMESCENT PAINT SYSTEM.
17. WORKING SHOP FABRICATION DRAWINGS ARE TO BE SUBMITTED TO THE ENGINEERS FOR THEIR INFORMATION TO WORKING DAVIS PRIOR TO FABRICATION OF THE STEELWORK. RESPONSIBILITY FOR THE CORRECTNESS OF THE DRAWINGS RESTS WITH THE CONTRACTOR.
18. GROUT TO STANCHION BASE PLATES IS TO BE COMPACTED TO THE FULL FLOOR FINISH LEVEL BY FOSPOC (D) OR SIMILAR APPROVED. TO BE USED IN STRICT ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.
19. RESPONSIBILITY FOR SAFE ERECTION OF THE FRAME WITH THE CONTRACTOR WHO IS TO ALLOW FOR ALL NECESSARY TEMPORARY BRACING OR GUNS REQUIRED IN ACCORDANCE WITH BS5531:1988 AND HSE DOCUMENT GS28. THE STEELWORK CONTRACTOR IS TO NOTE THAT THE FRAME HAS BEEN DESIGNED AS SELF-SUPPORTING ON COMPLETION OF ERECTION.
20. ON COMPLETION OF STEELWORK ERECTION THE CONTRACTOR IS TO PROVIDE A SIGNED CERTIFICATE TO THE ARCHITECT COVERED TO THE ENGINEER STATING THAT THE FRAME HAS BEEN SUPPLIED AND ERRECTED TO THE TOLERANCES SET OUT IN BS5950:PART 2:2001. THAT ALL BOLTS ARE FITTED AND CORRECTLY TIGHTENED AND THAT ANY DAMAGE TO PAINT SYSTEMS HAS BEEN MADE GOOD.
21. FOR SETTING OUT OF ALL STEELWORK REFER TO ARCHITECTS DRAWINGS.
22. CONNECTIONS TO BE DESIGNED BY FABRICATORS WHO ARE TO CONTACT THE OFFICE FOR ANY FURTHER LOADING INFORMATION REQUIRED. CONNECTIONS TO HAVE CONTRACTOR FOR LOGISTICS/FABRICATION ARE THE RESPONSIBILITY OF THE CONTRACTOR AND ARE TO BE INCLUDED IN THE TENDER BY THE CONTRACTOR & TO INCLUDE FOR FRICION-GRP BOLTS ETC.

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14. ON COMPLETION OF STEELWORK ERECTION ALL ACCUMULATIONS OF SALTS, DIRT, MUD, GREASE, CONCRETE ETC. ARE TO BE REMOVED AND ANY DAMAGE TO PROTECTIVE TREATMENTS DUE TO HANDLING OR ERECTION PROCEDURES IS TO BE MADE GOOD.
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21. FOR SETTING OUT OF ALL STEELWORK REFER TO ARCHITECTS DRAWINGS.
22. CONNECTIONS TO BE DESIGNED BY FABRICATORS WHO ARE TO CONTACT THE OFFICE FOR ANY FURTHER LOADING INFORMATION REQUIRED. CONNECTIONS TO HAVE CONTRACTOR FOR LOGISTICS/FABRICATION ARE THE RESPONSIBILITY OF THE CONTRACTOR AND ARE TO BE INCLUDED IN THE TENDER BY THE CONTRACTOR & TO INCLUDE FOR FRICION-GRP BOLTS ETC.

CONCRETE NOTES

1. ALL CONCRETE WORK IS TO BE IN ACCORDANCE WITH BS8110: PART 1:1991, BS5200: PART 1:2002 AND BS5200: PART 2:1991 8/MS3
2. ALL CEMENT TO BE CLASSIFICATION: DS-1
3. SPECIFICATION FOR MASS CONCRETE FOUNDATION IS TO CONFORM TO BS8500-2 AND BS EN 206-1.
4. TYPE: CONCRETE CLASS: TO BE ADVISED BY USER SULPHATE RESISTANCE: DCl CONCRETE CLASS: DS-1-1 ALL CONCRETE TO BE R28-1.
5. ALL DESIGNATED CONCRETE IS TO BE PRODUCED IN ACCORDANCE WITH BS8500-2:2002 BY A PRODUCER HOLDING CURRENT ACCREDITED PRODUCT CONFORMITY CERTIFICATION BASED ON FULL PRODUCT TESTING AND SUPERVISION BASED ON THE BS EN 9001 OR BS EN 9001. THE PRODUCERS QUALITY SYSTEM TO BS EN ISO 9001.
6. THE RATE OF SAMPLING FOR TESTING IS TO BE 2%.
7. 150mm CUBES PER 20m³ OF CONCRETE PLACED. AT LEAST 2 CUBES ARE TO BE TAKEN FROM EACH GRADE OF CONCRETE ON EACH DAY THAT CONCRETE IS PLACED. CUBES ARE TO BE MADE, CURED AND TESTED BY AN INDEPENDENT TESTING LABORATORY IN ACCORDANCE WITH BS1881.
8. ALL CONCRETE IS TO BE OBTAINED FROM AN APPROVED READY MIX CONCRETE SUPPLIER WHO IS TO MEET THE REQUIREMENTS OF THE CONTRACTOR. CONCRETE MIX DESIGN ARE TO BE SUBMITTED TO THE ENGINEERS PRIOR TO COMMENCEMENT OF WORKS. THE PRODUCER IS TO WORK IN ACCORDANCE WITH THE LATEST RECOMMENDATIONS REGARDING ALVALI-SILICA REACTION.
9. ALL CONCRETE IS TO BE MECHANICALLY VIBRATED.
10. ALL CONSTRUCTION JOINTS REQUIRED IN THE TRENCH FILL FOUNDATIONS ARE TO BE FORMED WITH A VERTICAL FACE. 4 No. H20 DOWN BARS 500mm LONG ARE TO BE PROVIDED AT THE JOINT. THE BARS ARE TO HAVE 75mm LAP AT THE JOINT. THE CONCRETE OF THE JOINTS OF THE FOUNDATION WITH EQUAL PROTECTION ON EACH SIDE OF THE JOINT.
11. SPECIFICATION FOR POSTTENSILE CONCRETE R2CS DESIGNATED CONC. MAXIMUM AGGREGATE SIZE: 10mm
12. CONCRETE PADSTONES ARE TO BE CAST IN-SITU UNLESS AGREED WITH THE ENGINEERS. WHERE PRE-CASTING OF PADSTONES IS PERMITTED, THE PADSTONES ARE TO BE BEDDED IN TYPE (i) MORTAR AND THE SURROUNDING MASONRY BUILT TIGHT TO THE PADSTONE. PADSTONES ARE TO BE CENTRALLY BENEATH BEAMS UNLESS NOTED OTHERWISE. ALL BEAMS ARE TO HAVE FULL WIDTH BRACING ON PADSTONES AND BEAMS ON FULL UN-CUT MASONRY UNITS.
13. REINFORCEMENT TO GRADE S50. DEFORMED BARS CONFORMING TO BS 4449.
14. COVER TO REINFORCEMENT SHOULD BE 50mm UNO.
15. CONCRETE ENCASING STEELWORK TO BE MIN 100mm AND GRADE R2CS WITH 908 WRAPPING MESH & 50mm LOWER WHERE STEELWORK IS BELOW SLAB LEVEL.
16. ALL CONCRETE TO BE IN ACCORDANCE WITH THE LATEST VERSION OF NATIONAL STRUCTURAL CONCRETE SPECIFICATION (MSS)

STRUCTURAL UNDERPINNING NOTES

1. WORKMANSHIP, THE WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH THE ENGINEERS DRAWINGS AND INSTRUCTIONS AND TO THE PERFORMAL OF THE ARCHITECT AND THE BUILDING CONTROL OFFICER.
2. ANY OTHER SEQUENCE OF OPERATIONS OR METHOD OF WORKING PROPOSED BY THE CONTRACTOR IS TO BE SUBMITTED TO THE ARCHITECT AND COPIED TO THE ENGINEER AND AGREED IN WRITING A MINIMUM OF 14 DAYS BEFORE WORK IS TO BE COMMENCED ON SITE.
3. CONTRACTORS RESPONSIBILITIES: THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF THE UNDERPINNING STRUCTURE AND PROVIDE ALL NECESSARY SHORING, STRUTTING AND BRACING TO ENSURE 15 SPEEDY AND STABILITY AT ALL TIMES.
4. SERVICES: THE CONTRACTOR IS ALSO TO CARRY OUT A SURVEY OF THE PROPERTY AND ADJACENT AREA TO ESTABLISH THE LOCATION OF OBSTRUCTIONS SUCH AS SERVICE RUNS OR DRAINS. ANY OBSTRUCTION FOUND IS TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT / ENGINEER. THE CONTRACTOR IS TO ALLOW FOR ANY TEMPORARY SUPPORT TO THE SERVICES OR OBSTRUCTIONS DURING THE UNDERPINNING.
5. CONSTRUCTION SEQUENCE: THE UNDERPINNING IS TO BE UNDERTAKEN IN SHORT SECTIONS TO ALLOW ARCHING OF MASONRY BETWEEN ADJACENT SECTIONS. SECTIONS WILL NOT BE OPENED UP FOR UNDERPINNING UNTIL ALL WORK ON THE SECTIONS ADJACENT TO ANOTHER PIN HAS COMPLETED. IMMEDIATELY ADJACENT TO ANOTHER WHERE THAT OCCURS 48 HOURS SHOULD ELAPSE AFTER CASTING AND LOAD TRANSFER. THE CONTRACTOR IS TO PROVIDE HIS PROPOSED SEQUENCE OF WORK AT LEAST 14 DAYS BEFORE COMMENCEMENT.
6. NO ADJACENT PIN IS TO BE EXCAVATED UNTIL A MINIMUM 48 HOURS AFTER THE ADJACENT PIN HAS BEEN CAST AND PACKED UP.
7. THE CONTRACTOR IS TO PROVIDE DRAWINGS MARKED UP TO SHOW THE PROPOSED SEQUENCE OF UNDERPINNING. A MINIMUM OF 14 DAYS BEFORE WORK IS COMMENCED.
8. EXCAVATIONS: EXCAVATION SHALL BE TO THE DEPTH AND WIDTH SHOWN ON THE DRAWINGS. HOWEVER, WHERE THERE ROOMS ARE ENCOUNTERED NEW UNDERPINS ARE TO EXTEND BEYOND THE LAST TRACE OF ANY ROOT ACTIVITY. THE SIDES OF THE EXCAVATIONS SHALL BE ADEQUATELY SHORED AND PROPPED TO PREVENT SUBSIDENCE OR SLIP OF THE SOIL. SOIL FACES BEHIND THE PIN AND AT THE FORMATION LEVEL SHALL BE UNDISTURBED.
9. ANY SOIL FACES BEHIND THE PINS THAT REQUIRE TO BE RETAINED SHALL BE STRUCTURAL CONCRETE PANELS OR PILING BRIGS. WHERE THE SOIL IS NOT ADEQUATELY PROTECTED BY SUCH MEANS, THE CONTRACTOR SHALL BE REQUIRED AND HERE A RIGID POLYSTYRENE AS FLOOR 20 MAY BE EMPLOYED.
10. INSPECTIONS: ALL EXCAVATIONS ARE TO BE INSPECTED BY THE ENGINEER AND/OR THE BUILDING CONTROL OFFICER. MINIMUM NOTICE OF 24 HOURS IS TO BE GIVEN WHEN EXCAVATIONS ARE READY FOR INSPECTION.
11. THE SOFTEN OF THE EXISTING FOOTINGS IS TO BE LEVELLED OFF AND CLEANED OF ALL LOOSE OR DETRIMENTAL MATERIAL.
12. NO PROJECTING PORTIONS OF THE EXISTING FOOTINGS ARE TO BE REMOVED EXCEPT AS SHOWN ON THE DRAWINGS OR DIRECTED BY THE ENGINEER.
13. ANTI-HEAVE PRECAUTIONS: BEFORE CARRING OUT CONCRETING INTRODUCING ANTI-HEAVE PRECAUTIONS IN THE FORM OF CLAY MASTERS AS DIRECTED BY THE ENGINEER TO THE FACES OF THE EXCAVATION, IF REQUIRED BY THE ENGINEER.
14. PLACING CONCRETE: THE CONCRETE FOR THE UNDERPINNING IS TO BE R2CS CONCRETE AND POURED CONTINUOUSLY TO 75MM BELOW THE SOFTEN OF THE EXISTING FOOTING. THE CONCRETE IS TO BE FULLY COMPACTED USING A MECHANICAL VIBRATOR.
15. THE TOP 75MM OF THE PIN IS TO BE FILLED TO THE FULL DEPTH AND WIDTH OF THE VOID WITH A WELL RANMED C35 CONCRETE USING 5MM - 10MM COARSE AGGREGATE AND CONCRETE 100% EXPANDING ADMIXTURE FOR FOSPOC UK LIMITED IN ACCORDANCE WITH THEIR INSTRUCTIONS. THE FILLING OF THIS VOID IS TO BE UNDERTAKEN 24 HOURS AFTER THE MASS CONCRETE HAS BEEN POURED.
16. OVER-EXCAVATION: EXCEPT WHERE NOTED OTHERWISE ON THE DRAWINGS, AREAS OF OVER-EXCAVATION ARE TO BE BACKFILLED WITH A GRANULAR MATERIAL AND COMPACTED IN 225MM LAYERS TO PROVIDE A STABLE SUB-BASE COMPATIBLE WITH THE FINAL FINISHES.
17. SPECIAL CONTRACTORS WILL INCLUDE IN HIS PRICES FOR THE REMOVAL OF SPILL ARMS, FROM THE WORKS WHICH IS NOT SUITABLE FOR BACKFILLING PURPOSES.
18. RECORDS: A FULL RECORD OF EACH SECTION UNDERPINNED IS TO BE KEPT ON SITE AND READILY AVAILABLE FOR INSPECTION BY THE ENGINEER OR BUILDING CONTROL OFFICER. THE CONTRACTOR WILL MAKE A SURVEY OF ADJACENT PARTY WALLS FOR LINE AND LEVEL BEFORE COMMENCEMENT OF WORK, AS WORK PROCEEDS AT TIMES TO BE AGREED WITH THE ENGINEER AND 6 WEEKS AFTER COMPLETION OF WORKS. THE FINDINGS ARE TO BE MADE AVAILABLE TO ENGINEER.

FOUNDATION NOTES

1. ALL FOUNDATION WORKS ARE TO BE IN ACCORDANCE WITH BS9004:1986 AND BS8000:PART 1:1989.
2. FUTURE TREE PLANTING IS TO BE PLANNED WITH REGARD TO THE DEPTH OF THE FOUNDATIONS TO STRUCTURES. THE NATURE OF THE SOIL AND THE RECOMMENDATIONS OF THE NATIONAL HOUSE BUILDING COUNCIL STANDARDS CHAPTER 4.2 BUILDING NEAR TREES APRIL 2003 AND BS5373:1991.
3. FOUNDATIONS HAVE BEEN DESIGNED ASSUMING GRAOUND CAPABLE OF SUSTAINING 100kN/m² AT THE DEPTH SHOWN. THE FOUNDATION IS TO BE INSPECTED ON SITE TO CONFIRM THIS ASSUMPTION. ANY ADDITIONAL EXCAVATION REQUIRED IS TO BE BACKFILLED WITH MASS FIN2Z CONCRETE.
4. ALL FOUNDATION EXCAVATIONS MUST EXTEND A MINIMUM OF 300mm BELOW ANY ENCOUNTERED ROOTS.
5. ALL EXCAVATIONS ARE TO BE KEPT FREE FROM GROUND AND SURFACE WATER RUN OFF AT ALL TIMES. NO CONCRETE, FOUNDATION ELEMENTS, SUB-BASE OR STRUCTURAL SLABS ARE TO BE PLACED INTO OR AGAINST SUBSOILS CONTAINING ICE OR FROST. THE SURFACES TO BE PROTECTED FROM FROST. THE SURFACES TO BE PROTECTED FROM FROST FROM PENETRATING THE SUB-GRADE BEFORE AND AFTER PLACING OF SUB-BASE OR CONCRETE AND UNTIL SUCH SUB-GRADES ARE FULLY PROTECTED BY THE PERMANENT STRUCTURE. SHOULD WATER, ICE OR FROST ENTER THE EXCAVATIONS, ALL SUCH AFFECTED MATERIAL IS TO BE REMOVED.
6. WHERE FOUNDATIONS ARE NOT CAST THE SAME DAY AS EXCAVATION THE FORMATION IS TO BE BLINDED WITH A MINIMUM 50mm GREN CONCRETE.
7. FOR DETAILS OF BACKFILLING TO SERVICE TRENCHES, BENCH THE FLOOR SLAB. SEE ARCHITECTS DRAWINGS.
8. EXISTING DRAINAGE RUNS PASSING THROUGH NEW FOUNDATIONS TO BE SLEEVED WITH 50mm CLEARANCE ON ALL SIDES (50mm COMPRESSIBLE MATERIAL).
9. ALL CONCRETE WORK IS TO BE IN ACCORDANCE WITH BS8110: PART 1:1991, BS5200: PART 1:2002 AND BS5200: PART 2:1991 8/MS3
10. ALL CEMENT TO BE CLASSIFICATION: DS-1
11. SPECIFICATION FOR MASS CONCRETE FOUNDATION IS TO CONFORM TO BS8500-2 AND BS EN 206-1.
12. TYPE: CONCRETE CLASS: TO BE ADVISED BY USER SULPHATE RESISTANCE: DCl CONCRETE CLASS: DS-1-1 ALL CONCRETE TO BE R28-1.
13. ALL DESIGNATED CONCRETE IS TO BE PRODUCED IN ACCORDANCE WITH BS8500-2:2002 BY A PRODUCER HOLDING CURRENT ACCREDITED PRODUCT CONFORMITY CERTIFICATION BASED ON FULL PRODUCT TESTING AND SUPERVISION BASED ON THE BS EN 9001 OR BS EN 9001. THE PRODUCERS QUALITY SYSTEM TO BS EN ISO 9001.
14. THE RATE OF SAMPLING FOR TESTING IS TO BE 2%.
15. 150mm CUBES PER 20m³ OF CONCRETE PLACED. AT LEAST 2 CUBES ARE TO BE TAKEN FROM EACH GRADE OF CONCRETE ON EACH DAY THAT CONCRETE IS PLACED. CUBES ARE TO BE MADE, CURED AND TESTED BY AN INDEPENDENT TESTING LABORATORY IN ACCORDANCE WITH BS1881.
16. ALL CONCRETE IS TO BE OBTAINED FROM AN APPROVED READY MIX CONCRETE SUPPLIER WHO IS TO MEET THE REQUIREMENTS OF THE CONTRACTOR. CONCRETE MIX DESIGN ARE TO BE SUBMITTED TO THE ENGINEERS PRIOR TO COMMENCEMENT OF WORKS. THE PRODUCER IS TO WORK IN ACCORDANCE WITH THE LATEST RECOMMENDATIONS REGARDING ALVALI-SILICA REACTION.
17. ALL CONCRETE IS TO BE MECHANICALLY VIBRATED.
18. ALL CONSTRUCTION JOINTS REQUIRED IN THE TRENCH FILL FOUNDATIONS ARE TO BE FORMED WITH A VERTICAL FACE. 4 No. H20 DOWN BARS 500mm LONG ARE TO BE PROVIDED AT THE JOINT. THE BARS ARE TO HAVE 75mm LAP AT THE JOINT. THE CONCRETE OF THE JOINTS OF THE FOUNDATION WITH EQUAL PROTECTION ON EACH SIDE OF THE JOINT.
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CLIENT
Mr. & Mrs. HILLIARD

DRAWING TITLE
GENERAL NOTES

PROJECT TITLE
AS SHOWN @ A1 PRELIMINARY

SCALE: as A1

DATE
AUG 16

APPROVED BY
MJJ

DATE
22.08.2016

DR CH

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