GEORGE MAH CONSULTING	Project No 08-03-1665	Sheet No 01
Job Title: 38 THIRD AVENUE WORTHING SUSSEX	Engineer PN	Date Aug 08
Job Scope: NEW BOAT HOUSE		

Client	Mr. G. Blunton	
Architect	Gordon F. Dixon	
Design Codes, British Standards & References	BS 449: The Use of Structural Steel in Building BS 648: Schedule of Weights of Building Materials BS 5268: Structural use of Timber BS 5628: Structural use of Masonry BS 5950: Structural use of Steelwork BS 8004: Loading for Buildings: All Parts BS 8004: Code of Practice for Foundations BS 8110: Structural use of Concrete The Building Regulations Other:	
Building Description	The proposal is a detached boat house to be built in the traditional manner with timber cut and pitch roof on main steel frames bearing onto reinforced concrete raft edge beams.	
	RC bridging beams have been proposed as there are preserved trees in the vicinity, where roots required protection. Strip founded onto Chalk formation. support the rest of the perimeter walls, which is founded onto Chalk formation.	
	Our design has been carried out based on our brief site visit and the Architectural planning drawings only.	
	All assumptions are to be verified on site with the Building Control Officer. Please refer to our calculation and details sheets 08-03-1665/01-21 for details.	
Fire Resistance	Nil	
Subsoil Foundation Data	No investigation has been carried out.	
Material Data		
Concrete	C35	
Masonry	Minimum f_k = 3 N/mm^2	
Timber	C16	
Steel	S275	
Other Information	Contractors to ensure that the concrete slab is to be cast above all roots.	

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