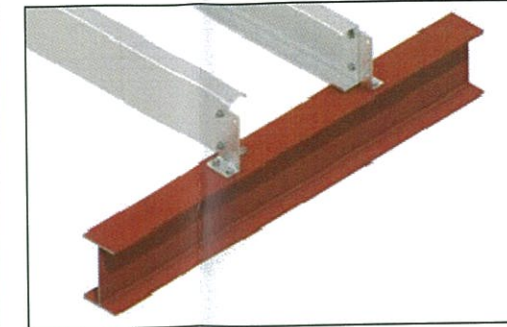
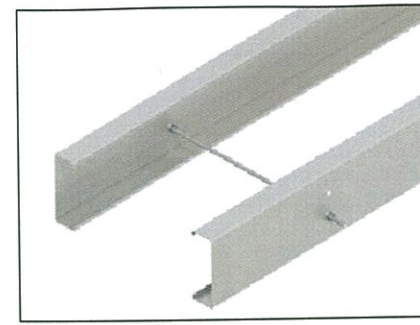
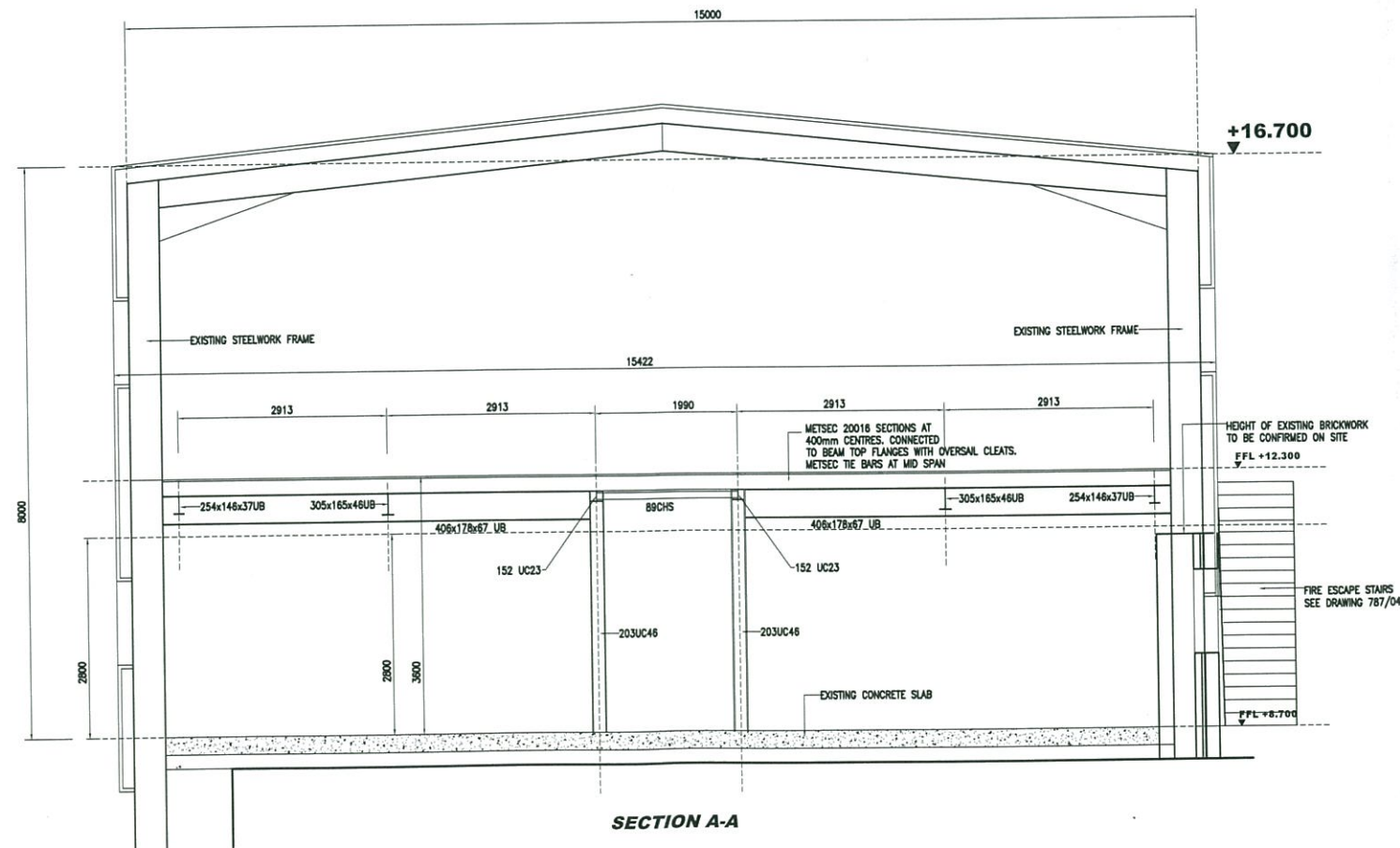
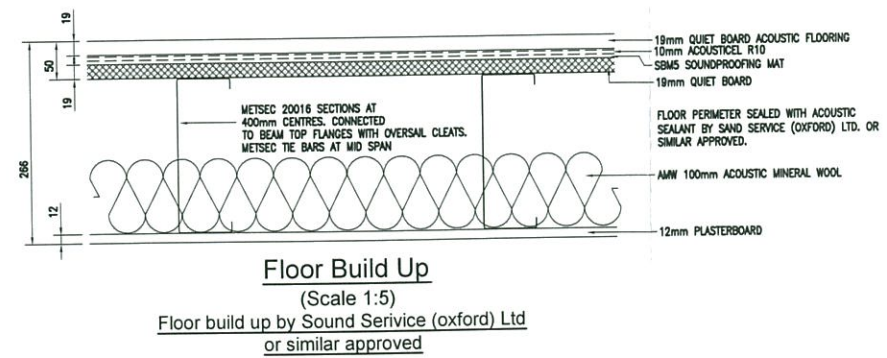
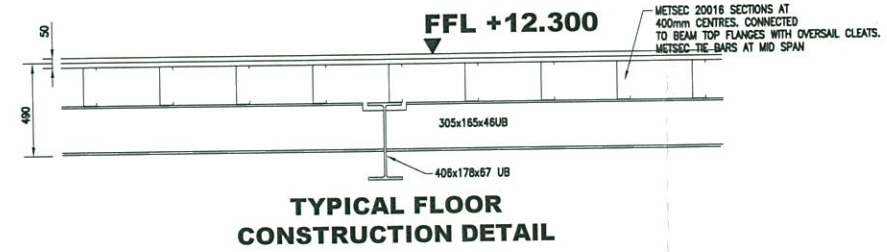


FIRST FLOOR FRAMING PLAN



**ALL STEEL GRADE TO BE S355
SPAN OF METSEC 20016 C SECTIONS AT 400mm
CENTRES. CONNECTED TO TOP FLANGES WITH OVERSAIL
CLEATS. METSEC TIE BARS AT MID-SPAN**

406x178x67 UB = IPE400
305x165x46 UB = IPE 330
254x146x37 UB = IPE 270
152 UC23 = HE160A
203UC46 = HE200A



SECTION A-A

- NOTES:**
- General**
- All dimensions are given in millimetres and all levels in meters.
 - Do not scale. Work to figured dimensions. Contractor to check all dimensions. All errors and omissions to be reported to the engineer.
- Concrete**
- All structural concrete to comply with BS 8110 and to be grade C 35/20 unless otherwise stated.
 - All concrete surfaces to be free from voids, honeycombing or other blemishes.
 - Concrete to be vibrated by mechanical means.
 - Cement to be ordinary portland to BS 12.
- Reinforcement**
- Reinforcement to be cut and bent to BS 8666:05.
 - All rod reinforcement to be high yield deformed type 2 to BS 4449:2005
 - The characteristic strength of reinforcement to be 500 N/mm² (grade B500).
 - Concrete cover to reinforcement to be:
- | MEMBER | Top | Bottom | Sides |
|-------------|-----|--------|-------|
| Foundations | - | - | - |
| Walls | - | - | - |
| Slabs | - | - | - |
| Columns | - | - | - |
| Beams | - | - | - |
- Steelwork**
- All structural steelwork to be grade S275 and S355 in accordance with BS 5950
 - This drawing to be read in conjunction with fabricator's details.
 - Steelwork corrosion protection (generally): SEE STEELWORK SPECIFICATION.
 - All temporary support work to be the sole responsibility of the contractor.
- Masonry**
- All structural masonry to be in accordance with BS 5628.
 - Masonry specification: (delete as appropriate) brickwork 15 20 N/mm² blockwork 7 N/mm² mortar designation (ii) (ii) (ii)
 - Wall ties to be stainless steel at 450mm centres horizontally and vertically. At openings they are to be spaced at 300mm centres vertically, 225mm from edge of opening, and 150mm from face of columns.
- TIMBER**
- All structural timber to be GS grade C18 and treated. All in accordance with BS 5268

A	DETAILS ADDED	14.6.13	JP
Revisions		Date	Revised by
Architects			
Clients			
GOVERNMENT OF GIBRALTAR			
Project			
St JOSEPH'S SCHOOL			
Drawing Title			
FRAMING PLAN AND SECTION			
Date	Scale	Drawn By	
3.06.13	1:100 50, 20	A1 JP	
THIS DRG. MUST BE READ			
with DRG. No. and SCHEDULES Nos.			
Drawing Status			
TENDER			
Job. No.	Dwg. No.	Rev.	
787	02	A	
BELILOS CONSULTING ENGINEERS			
2/1 ENGINEER LANE GIBRALTAR			
TEL +350 20079548 FAX +350 20072293			
E-MAIL: mail@belilos.com			