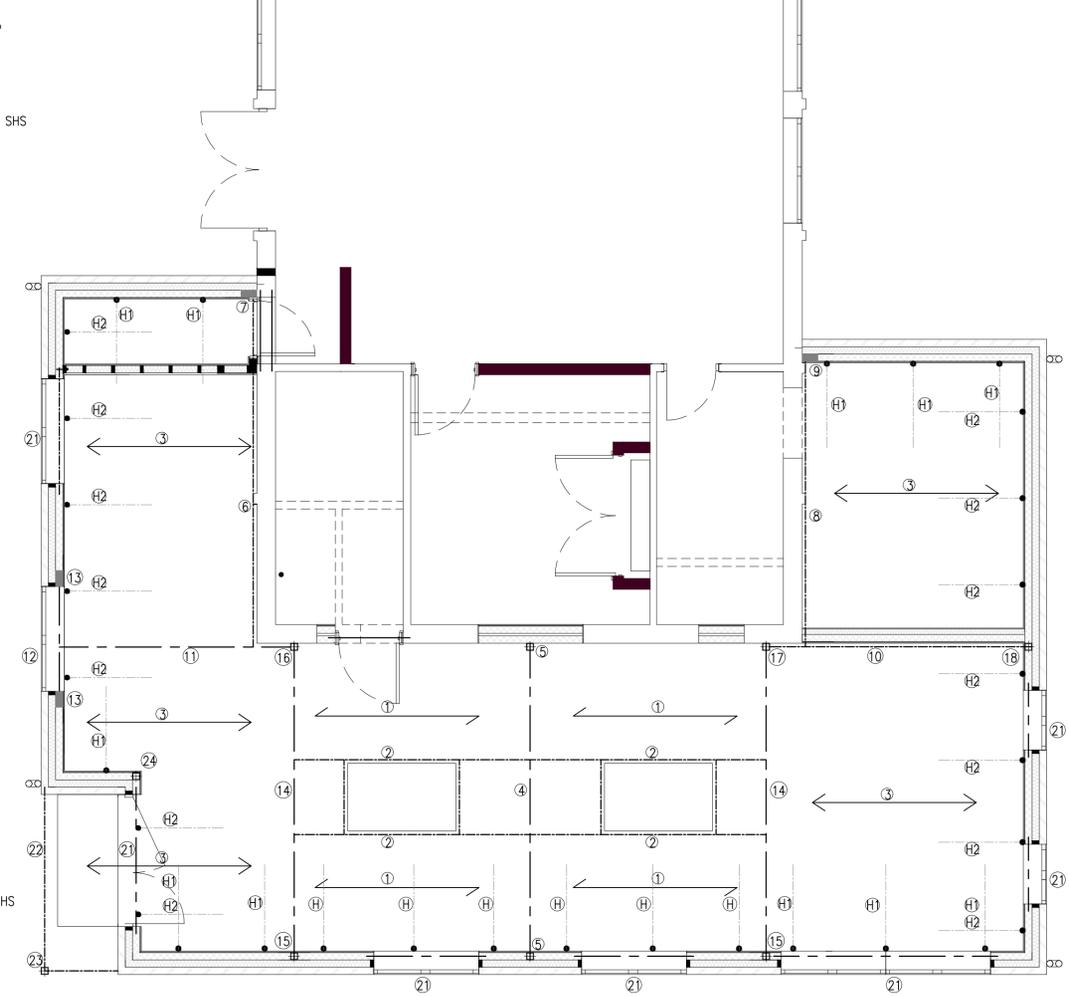


NOTES

- All dimensions in mm unless noted otherwise.
- This drawing is to be read in conjunction with all relevant Architects drawings and Engineers specifications.
- All fabricated Structural Steelwork to comply with BS-EN 1090-1 & NSSS for building construction 5th Edition-CE Marking Version
 - CHS, RHS & SHS members to be Celsius 355.
 - All structural bolts G.R 8.8.
 - All other steel members S355.
 - All welds U.N.O 6mm continuous fillet.
- Execution class = EXC.2.
- Temporary works are the responsibility of the Contractor.
- Steelwork positions & lengths should be determined on site and not scaled from this drawing.
- Vertical 7 horizontal strapping has been provided to comply with a class 2a building.

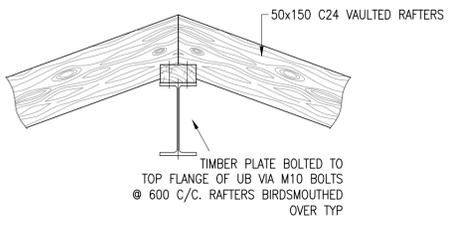
BEAM SCHEDULE

BEAM No.	TYPE
1	50x150 C24 VAULTED RAFTERS @ 400 C/C
2	2No 50x150 C24'S (DOUBLE RAFTER)
3	50x150 C24 FLAT ROOF JOISTS @ 400 C/C
4	203x102x23 UB (RIDGE BEAM)
5	100x100x8.0 SHS POST
6	150x75x18 PFC
7	225x100x140 Dp C20 P/STONE
8	150x75x18 PFC
9	225x100x140 Dp C20 P/STONE
10 & 11	152x89x16 UB
12	COMBINED LINTEL. 152x89x16 UB (INNER) & CG90/ 100 LINTEL
13	225x100x140 Dp C20 P/STONE
14	203x102x23 UB
15,16,17,18	100x100x4.0 SHS POST
19	MEMBERS 4&5 AS STABILITY FRAME. (SEE CONNECTION DETAILS)
19a	MEMBERS 14,15 & 16,17 AS STABILITY FRAME. (SEE CONNECTION DETAILS)
20	MEMBERS 10,17 & 18 AS STABILITY FRAME (SEE CONNECTION DETAILS)
21	CATNIC CG90 / 100 LINTEL (150mm BEARINGS)
22	2No 50x150 C24'S CONNECTED.
23	100x100x 4.0 SHS CORNER POST
24	100x100x 4.0 SHS WIND POST
(H)	30x5x1200 Lg HORIZONTAL STRAPS @ 1200 MAX C/C AT RAFTER LEVEL, FIXED OVER MIN 3No RAFTERS WITH SOLID TIMBER BLOCK AT EACH STRAP POSITION. (SEE DETAIL)
(H1)	30x5x1200 Lg HORIZONTAL STRAPS @ 1200 MAX C/C AT FLAT ROOF LEVEL, FIXED OVER MIN 3No JOISTS WITH SOLID TIMBER BLOCK AT EACH STRAP POSITION. (SEE DETAIL)
(H2)	30x5x1200 Lg FACE TWISTED STRAPS @ 1200 MAX C/C AT FLAT ROOF LEVEL, FIXED OVER MIN 3No JOISTS WITH SOLID TIMBER BLOCK AT EACH STRAP POSITION. (SEE DETAIL)



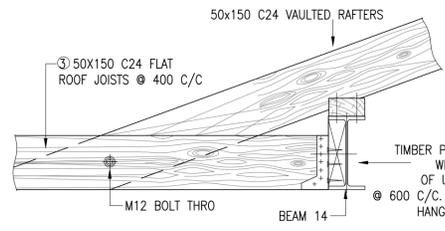
GROUND FLOOR PLAN (SHOWING STRUCTURE OVER)

(SCALE 1:50)

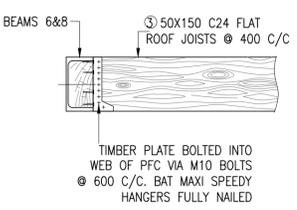


SECTION THRO BEAM 4 (SCALE 1:10)

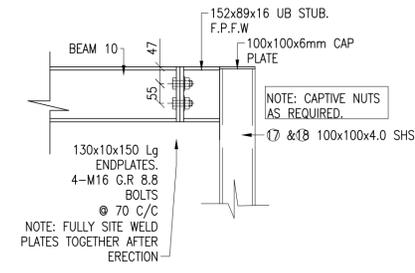
BEAM 4 CONNECTION TO POST 5 (NOTE: BEAMS 14-15 & 14-16&17 SIMILAR) (SCALE 1:10)



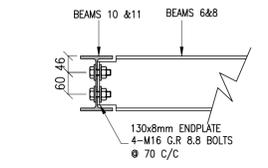
SECTION THRO BEAM 14 (SCALE 1:10)



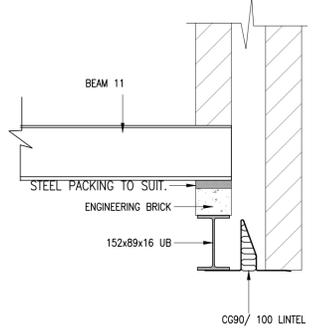
SECTION THRO BEAMS 6&8 (SCALE 1:10)



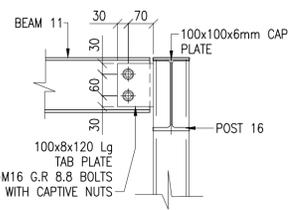
BEAM 10 CONNECTION TO SHS POSTS 17/18 (SCALE 1:10)



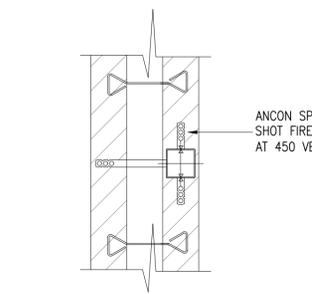
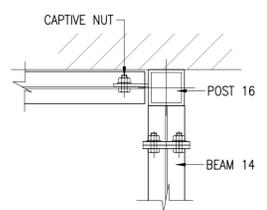
BEAMS 6&8 CONNECTION TO BEAMS 10&11 (SCALE 1:10)



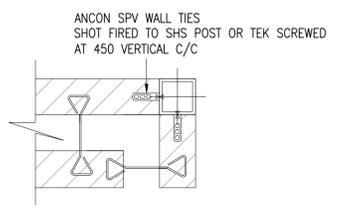
BEAM 12 (COMBINED LINTEL BEARING DETAIL) (SCALE 1:10)



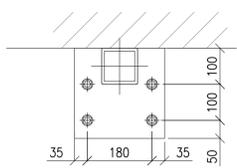
BEAMS 11&14 CONNECTION TO POST 16 (SCALE 1:10)



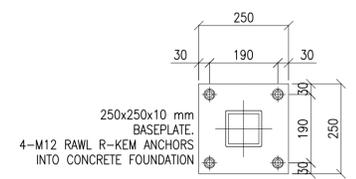
SHS WINDPOST /WALL TIE DETAIL (SCALE 1:10)



SHS WINDPOST (24) /WALL TIE DETAIL (SCALE 1:10)



POST 5 (INTERNAL), 16, 17 BASEPLATE (SCALE 1:10)



POST 5 (EXTERNAL), 15, 18,23 &24 BASEPLATE (SCALE 1:10)

NOTE: EACH JOIST TO BE CLIPPED TO WALL PLATE USING BAT 60x40LD ANGLE BRACKETS FULLY NAILED.
STRAP WALLPLATE TO WALL TYP WITH 30x2.5x1200 Lg VERTICAL RESTRAINT STRAPS @ 1.2M C/C MAX.

REV	DATE	REVISION	DRW	CHK

PRELIMINARY

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PROJECT No.	DRG No.	REV.
41-220	002	-

PROJECT: WINCHELSEA SCHOOL, GUERNSEY ROAD POOLE.

TITLE: GROUND FLOOR PLAN

SCALE	DATE	DRAWN	CHECKED
SEE DRG.	JUNE 2020	A.SUTTON	BAJ