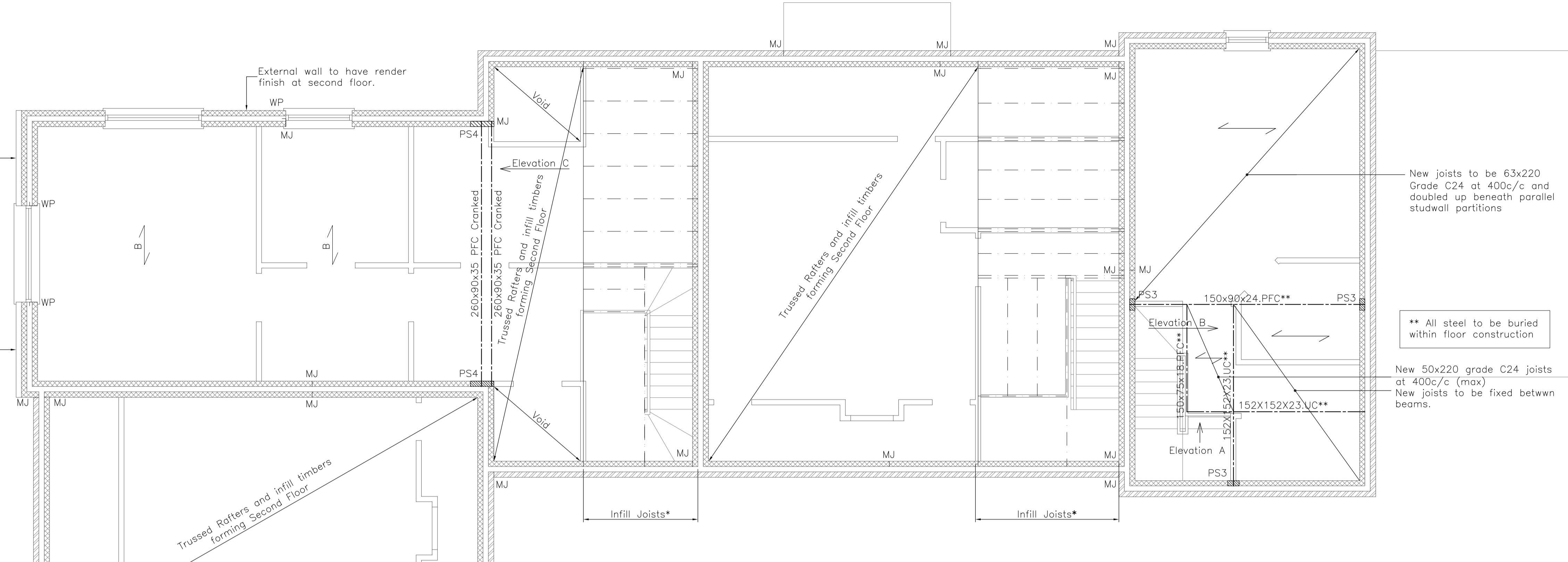


NOTES

- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS AND SPECIALISTS' DRAWINGS AND THE SPECIFICATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EXECUTION OF THE WORKS IN ACCORDANCE WITH THE DRAWINGS AND THE SPECIFICATION AND FOR THE ACCURACY OF ALL DIMENSIONS AND SETTING OUT ON SITE. ALL DIMENSIONS TO BE CHECKED ON SITE PRIOR TO COMMENCEMENT OF THE WORKS.
- MASONRY BELOW DPC TO BE SOLID DENSE CONCRETE BLOCKS WITH A MINIMUM COMPRESSIVE STRENGTH OF 7N/mm<sup>2</sup>, LAID IN MORTAR DESIGNATION (ii) (1:1.5).
- ALL BRICKWORK BELOW DPC TO HAVE A MINIMUM CRUSHING STRENGTH OF 40 N/mm<sup>2</sup> AND A WATER ABSORPTION OF LESS THAN 12%. DURABILITY DESIGNATION FL. LAID IN MORTAR DESIGNATION (iii) (1:1.6).
- ALL INTERNAL BLOCKWORK ABOVE DPC TO BE SOLID DENSE CONCRETE BLOCKS WITH A MINIMUM COMPRESSIVE STRENGTH OF 7.0 N/mm<sup>2</sup>, LAID IN MORTAR DESIGNATION (iii) (1:1.6).
- ALL EXTERNAL BRICKWORK ABOVE DPC TO HAVE A MINIMUM CRUSHING STRENGTH OF 20 N/mm<sup>2</sup> AND DURABILITY DESIGNATION FL. LAID IN MORTAR DESIGNATION (iii) (1:1.6).
- EXTERNAL CAVITY WALL TIES TO BE ANCON STAINLESS STEEL TYPE RT.2 x 225 LONG AT 900 CRS HORIZONTALLY AND 450 CRS VERTICALLY STAGGERED. THE SPACINGS TO BE CLOSED UP TO 225 VERT CRS AT COLUMN POSITIONS AND AROUND THE PERIMETER OF ALL DOOR AND WINDOW OPENINGS.
- INTERNAL CAVITY WALL TIES TO BE 2.6mm  $\phi$  x 225 LONG GALVANISED MILD STEEL BUTTERFLY TYPE WALL TIES AT 900 CRS HORIZONTALLY AND 450 CRS VERTICALLY STAGGERED. THE SPACINGS TO BE CLOSED UP TO 225 VERT CRS AT COLUMN POSITIONS AND AROUND THE PERIMETER OF ALL DOOR AND WINDOW OPENINGS.
- ALL WALL TIES TO HAVE A MINIMUM EMBEDMENT OF 50mm INTO EACH MASONRY LEAF AND TO COMPLY FULLY WITH BS.1243.



Overhang to second floor wall formed by fixing horizontal cosmetic timber to brickwork. Stud wall/packing fixed to masonry above horizontal member and render finish applied. Coping stones to be adequately fixed at top of wall

External wall to have render finish at second floor. Gable wall only (both masonry leaves) to have masonry reinforcement BRC Brickforce Ref: SBF30W60 every 225mm vertically. Laps to be 225mm

New joists to be 63x220 Grade C24 at 400c/c and doubled up beneath parallel studwall partitions

New 50x220 grade C24 joists at 400c/c (max)  
New joists to be fixed betwn beams.

\*\* All steel to be buried within floor construction

**KEY**

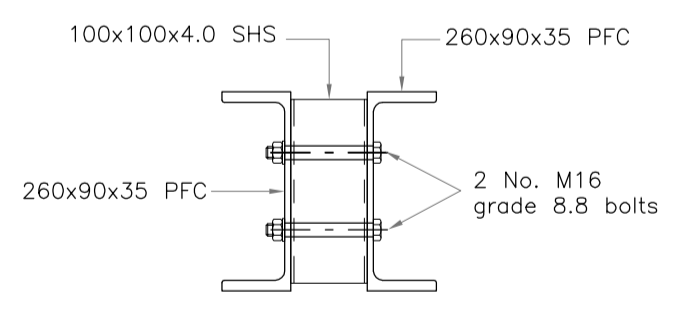
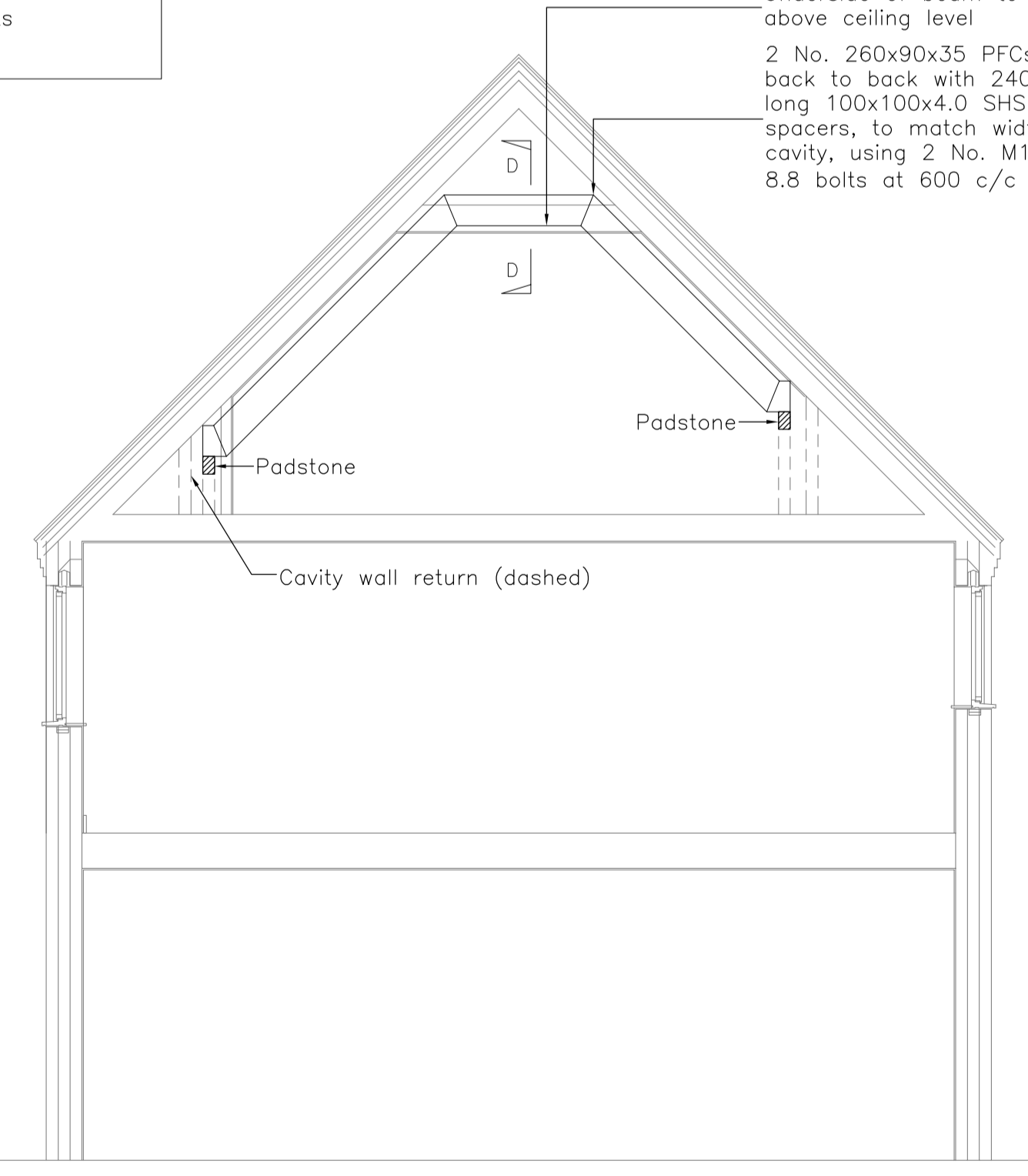
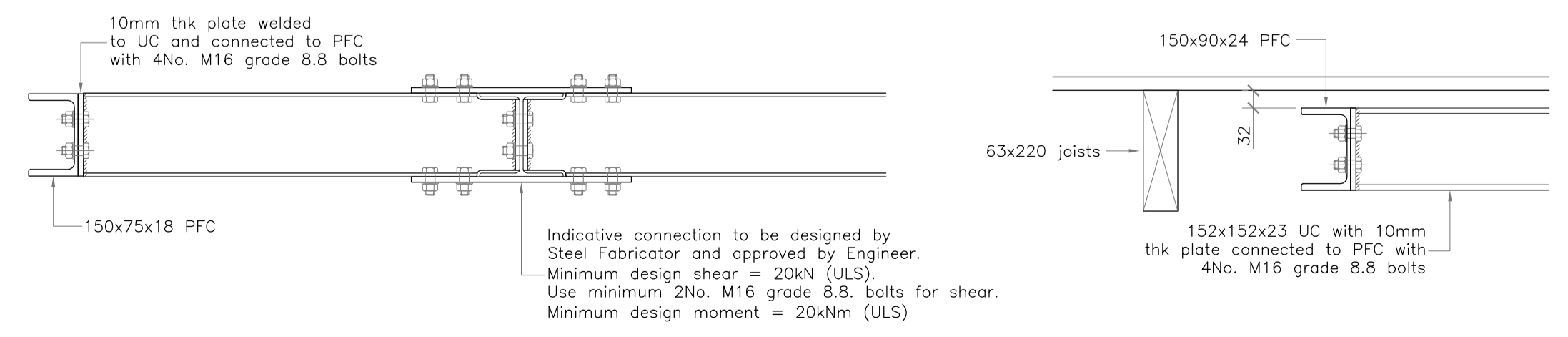
- Brickwork
- Blockwork
- Lightweight Partition Wall (not masonry)
- Trussed Rafters
- "Loose Timbers" i.e. infill rafters, purlins & trimmers etc
- Steel Beam
- Padstone
- Bison Deep Beam (DB)
- BW1 1406 Windposts
- MJ Movement Joints

For Bison Floor and Windpost details see Dwg No. 2005-512 36.  
All internal first floor walls to be light partition (not masonry).  
\* Infill Joist design and supply to be finalised by trussed rafter specialist.

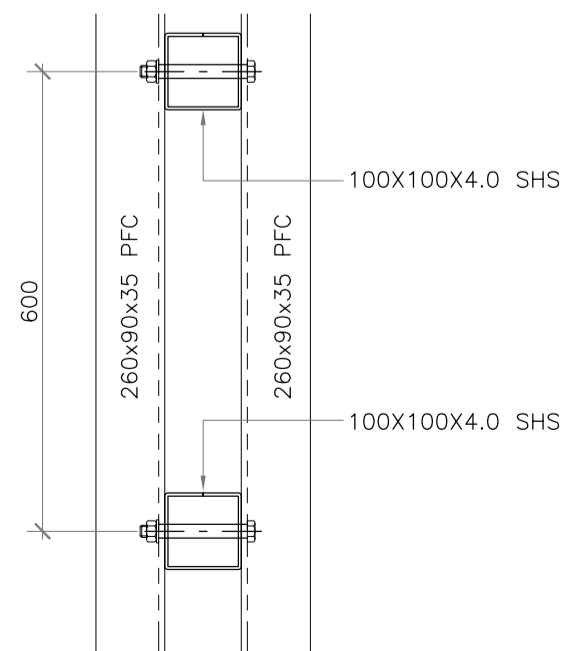
PADSTONES		
PS3	215L x 100W x 65D	
PS4	440L x 100W x 150D	

Underside of beam to be above ceiling level  
2 No. 260x90x35 PFCs bolted back to back with 240mm long 100x100x4.0 SHS spacers, to match width of cavity, using 2 No. M16 grade 8.8 bolts at 600 c/c

NOLAN ASSOCIATES  
**APPROVED CONSTRUCTION DRAWING**



Section D-D  
Scale 1:10



Plan on D-D  
Scale 1:10

Elevation A  
Scale 1:10

Elevation B  
Scale 1:10

Elevation C  
Scale 1:50

REV	DESCRIPTION	BY	CHKD	DATE
C1	Updated to suit latest Architects layouts. Additional steels to Apt.16 to form access around revised stairwell. Issued for Construction.	CR	RB	28.07.06