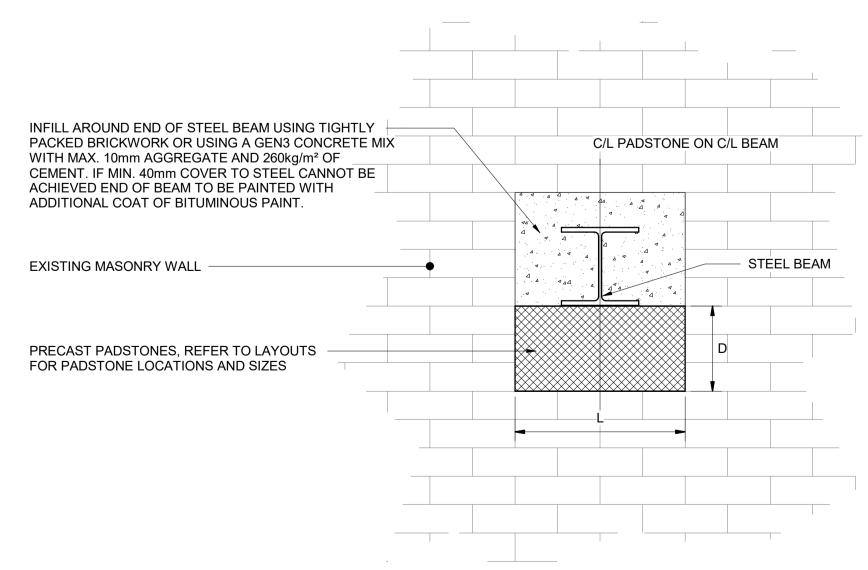


03 - Enlarged part of Roof



Padstone to Existing Wall Detail Elevation of Wall

ANO. M16 BOLTS AT EACH END OF THE
EXISTING STEELS TO CONNECT THE
NEW PFC'S BACK TO THE EXISTING
STRUCTURE.

2No. M12 RESIN ANCHORS AT 1200mm
CRS ALONG LENGTH OF BEAM

BEAM LATERALLY RESTRAINED BY
ANGLES FIXED TO THE ROOF SLAB
ANGLES TO BE INSTALLED AFTER
BEAMS ARE IN PLACE.

EXISTING CONCRETE ROOF SLAB

EXISTING CONCRETE ROOF SLAB

75x75x8 EA, 150mm LONG RESIN FIXED

TO THE EXISTING ROOF SLAB WITH

EMBEDMENT. ANGLES TO BE

BOTH SIDES, SHOT FIRED TO COLUMN

2No. M12 RESIN ANCHORS WITH 90mm

STIFFNED WITH 10mm GUSSET PLATE.

PULLY SYSTEM SHOWN INDICATIVELY

EXISTING CONCRETE ENCASED

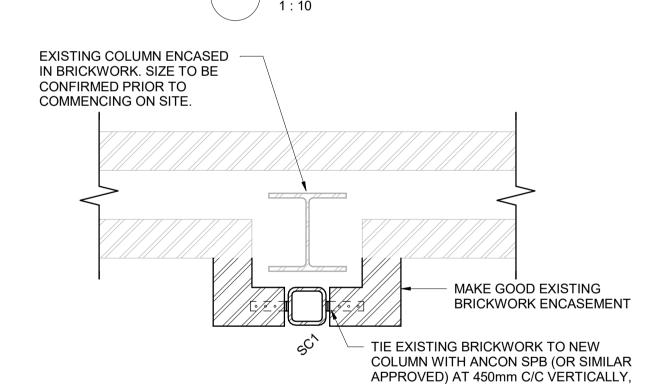
PROVIDE WEB STIFFENER

PLATES AT POSITION OF

RESTRAINTS

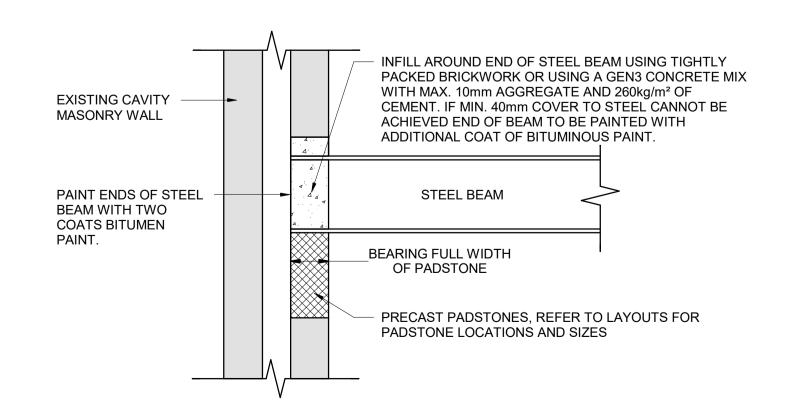
STEEL BEAM. SIZE TO BE

CONFIRMED ON SITE



DETAIL 2

DETAIL 3 - COLUMN PLAN



Padstone to Existing Wall Detail Section through Wall

GENERAL NOTES

STAGE WORKS PADSTONE SCHEDULE

STAGE WORKS BEAM SCHEDULE

STAGE WORKS STEEL COLUMN SCHEDULE

PS2

MARK

SB15

SB18

SB19

SB20

MARK

SC1

DESRIPTION

450 LONG x 150 DEEP x 150mm WIDE

PRECAST CONCRETE PADSTONE
550 LONG x 225 DEEP x 100mm WIDE

PRECAST CONCRETE PADSTONE

DESCRIPTION

UC152x152x30

PFC430x100x64

PFC150x75x18

UC152x152x37

DENOTES BEAM LATERAL RESTRAINT ANGLE

DESCRIPTION

SHS100x100x10

- 1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS AND SPECIALIST DRAWINGS AND SPECIFICATIONS
- 2. DO NOT SCALE FROM THIS DRAWING IN EITHER PAPER OR DIGITAL FORM. USE WRITTEN DIMENSIONS ONLY.
- THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN, INSTALLATION AND MAINTENANCE OF ALL NECESSARY TEMPORARY WORKS TO ENSURE THE STRENGTH AND STABILITY OF THE BUILDING THROUGHOUT THE COURSE OF THE WORKS. THEIR PROPOSALS MUST BE SUBMITTED TO THE STRUCTURAL ENGINEER SUFFICIENTLY IN ADVANCE OF THE WORKS STARTING TO PERMIT COMMENT.

CONCRETE NOTES:

- . CONCRETE FOR PADSTONES TO BE MINIMUM GRADE C25/30
- 2. CONCRETE FOR FOUNDATIONS TO BE GEN 3 MIX

STEELWORK NOTES

- 1. ALL STEEL TO BE GRADE S355 TO BS EN 10025
- INTUMESCENT PAINT TO BE APPILED TO STEELWORK TO ACHIEVE DESIRED FIRE PROTECTION. STEELWORK TO PRIMED WITH SUITABLE PRIMER PRIOR TO INTUMESCENT COATING. REFER TO ARCHITECTURAL AND STRUCTURAL SPECIFICATIONS
- SETTING-OUT OF STEELWORK TO ARCHITECT'S / THEATRE DESIGNER'S DRAWINGS
- 4. CONNECTIONS TO BE DESIGNED AND DETAILED BY THE STEEL FABRICATOR. ALLOW FOR THE FOLLOWING MINIMUM LOADS:

VERTICAL SHEAR = 50kN HORIZONTAL SHEAR = 50kN AXIAL = 25kN

NOT FOR CONSTRUCTION

T1 31.01.24 ISSUED FOR TENDER	KDE GM
Rev Date Description	Drawn Check
consulting Consulting	Structural Engineers Civil Engineers
London • Cambridge • Norwich	
1-5 Offord St London N1 1DH Telephone 020 7700 6666	
www.conisbee.co.uk	
Drawing Status	
TENDER	
Project PETERSFIELD FESTIVAL HALL	Date 12/04/2
	Scale Shown@A
	coale chowney.
	Drawn KDI
Title	Drawn KDI
	Drawn KDI
Title STAGE WORKS	Drawn KD
	Drawn KDI Engineer GN Project No