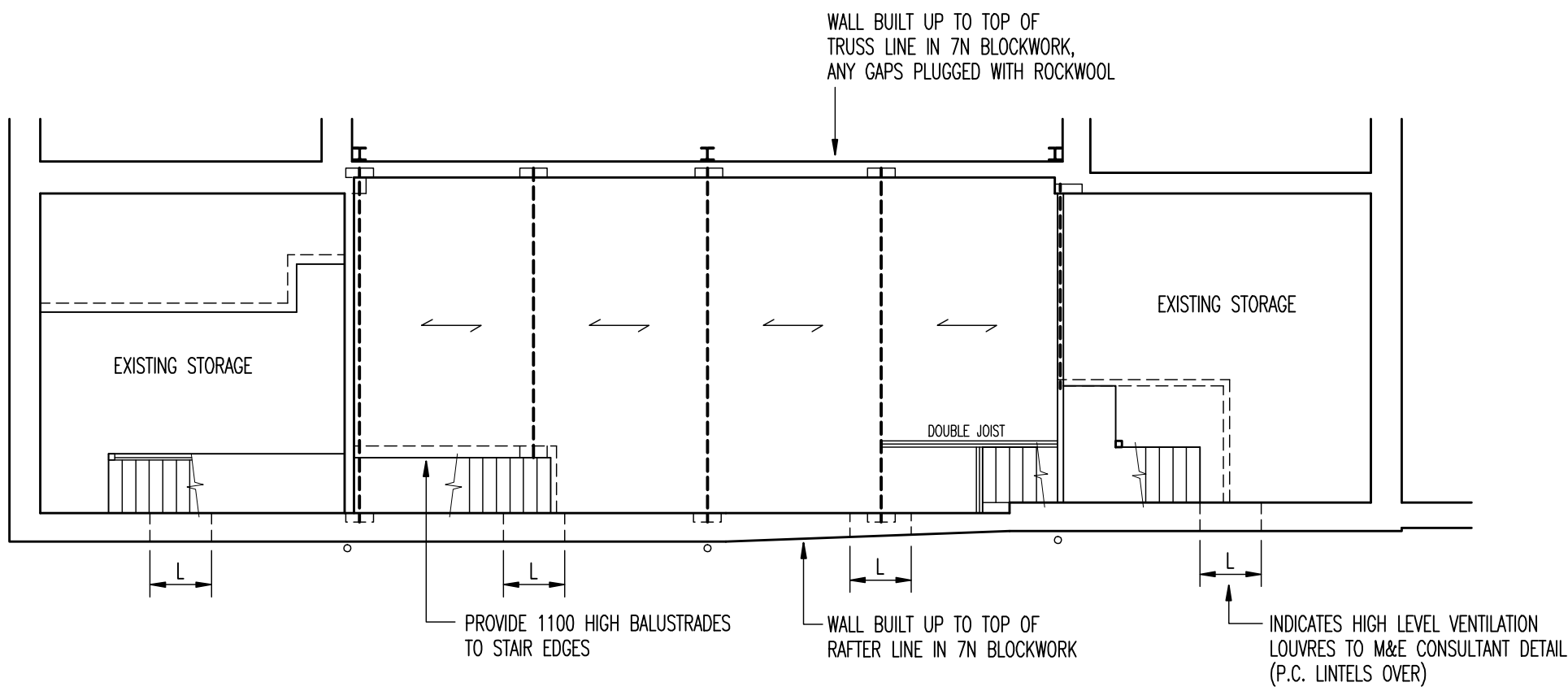
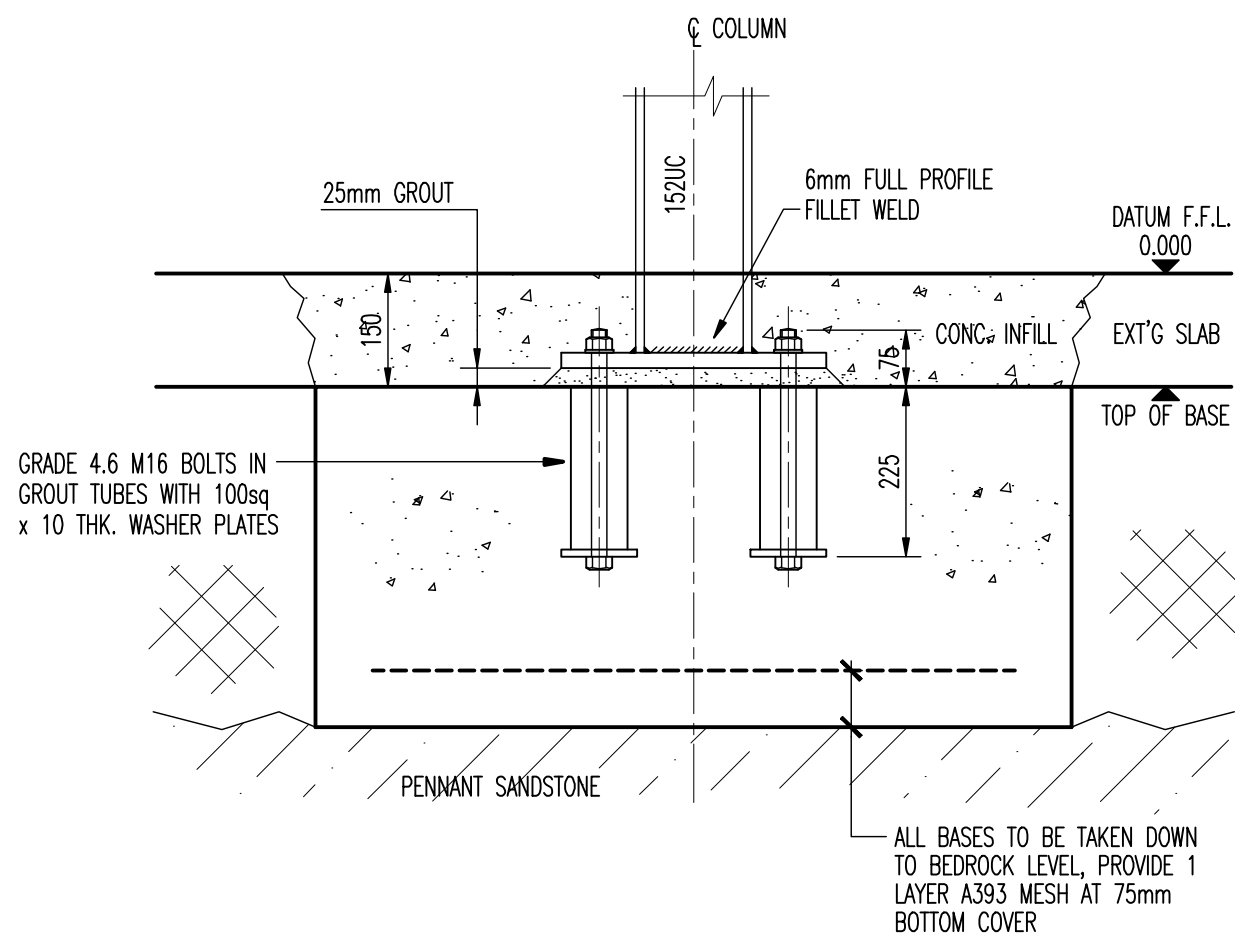


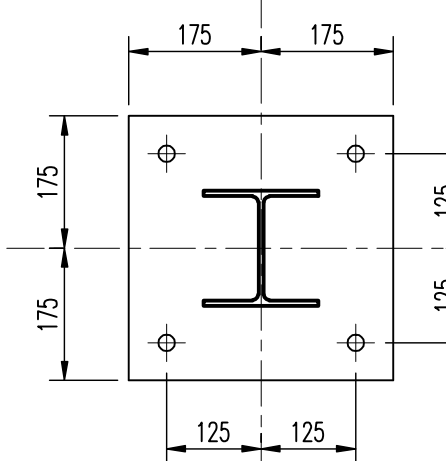
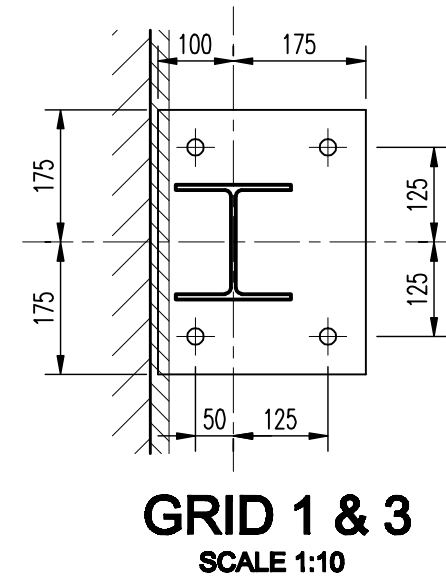
INDICATES SPAN OF 225x63
C16 JOISTS AT 300 CENTRES
(PROVIDE MID-SPAN NOGGIN)



HIGH LEVEL STORAGE FLOOR PLAN
SCALE 1:100



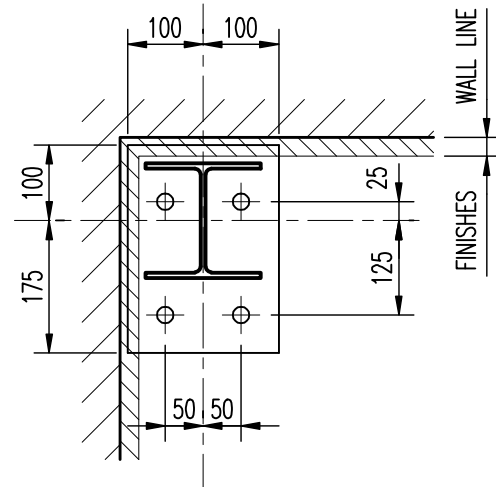
TYPICAL H.D. BOLT DETAIL
SCALE 1:10



TYP. INT. COLUMN
SCALE 1:10

ALL BASEPLATES 15mm THICK
WITH 18 DIA. HOLES FOR M16
HOLDING DOWN BOLTS

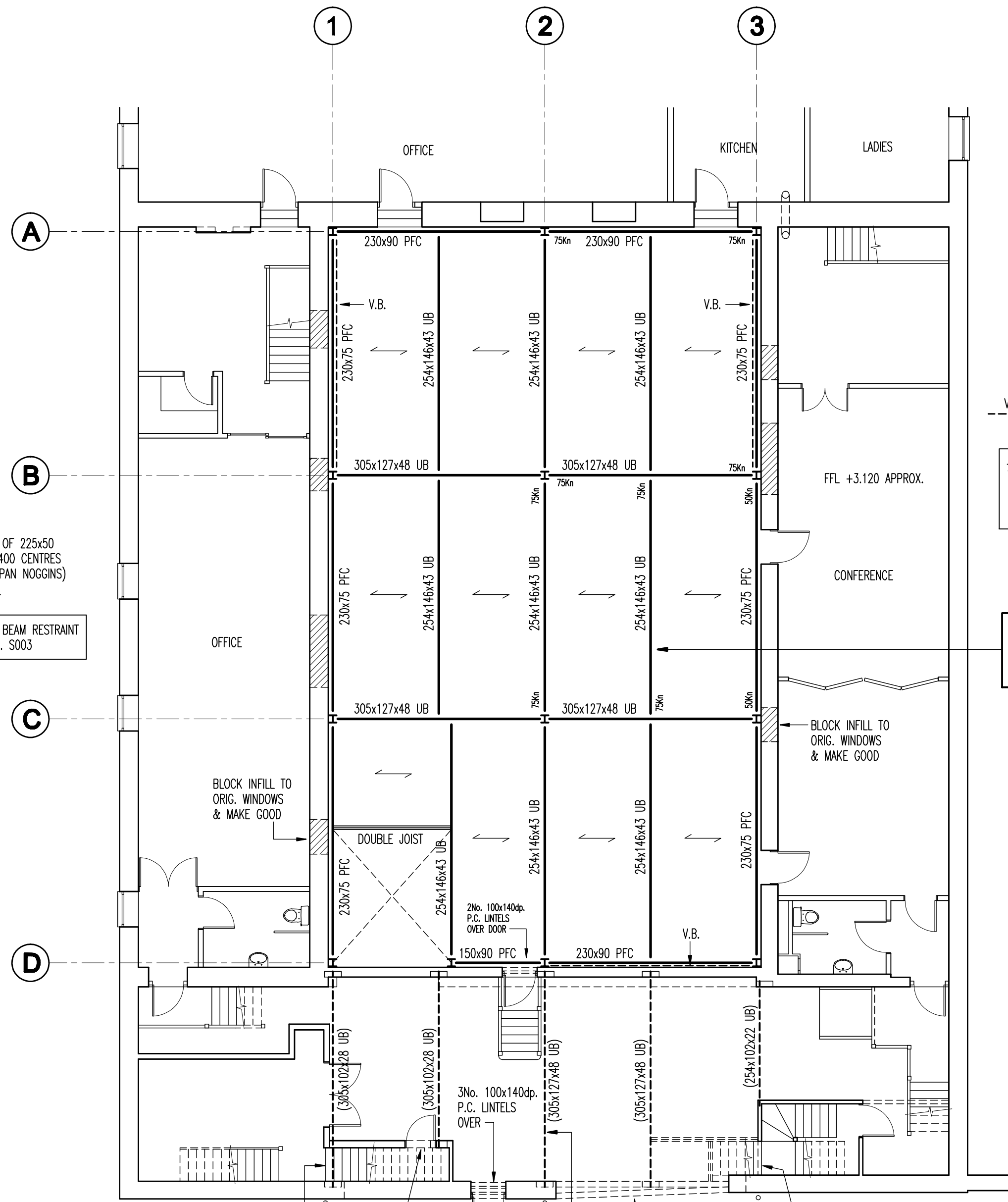
COLUMNS TO BE LOCATED AS CLOSE
AS POSSIBLE TO EXISTING WALLS



**TYP. CORNER COL.
(GRID 2 Similar)**
SCALE 1:10

INDICATES SPAN OF 225x50
C16 JOISTS AT 400 CENTRES
(PROVIDE MID-SPAN NOGGIN)

ALSO REFER TO BEAM RESTRAINT
DETAILS ON DRG. S003



FIRST FLOOR STRUCTURAL LAYOUT
SCALE 1:100

V.B. INDICATES VERTICAL CROSS BRACING,
60x40x4 RHS, AXIAL LOAD 10kN

75kN INDICATES TYP. BEAM VERTICAL END
REACTIONS, STEELWORK CONTRACTOR
TO DESIGN CONNECTIONS FOR
THESE GIVEN FORCES.

TOP LEVEL OF ALL STEEL
BEAMS TO BE -25mm
FROM CONFERENCE F.F.L.

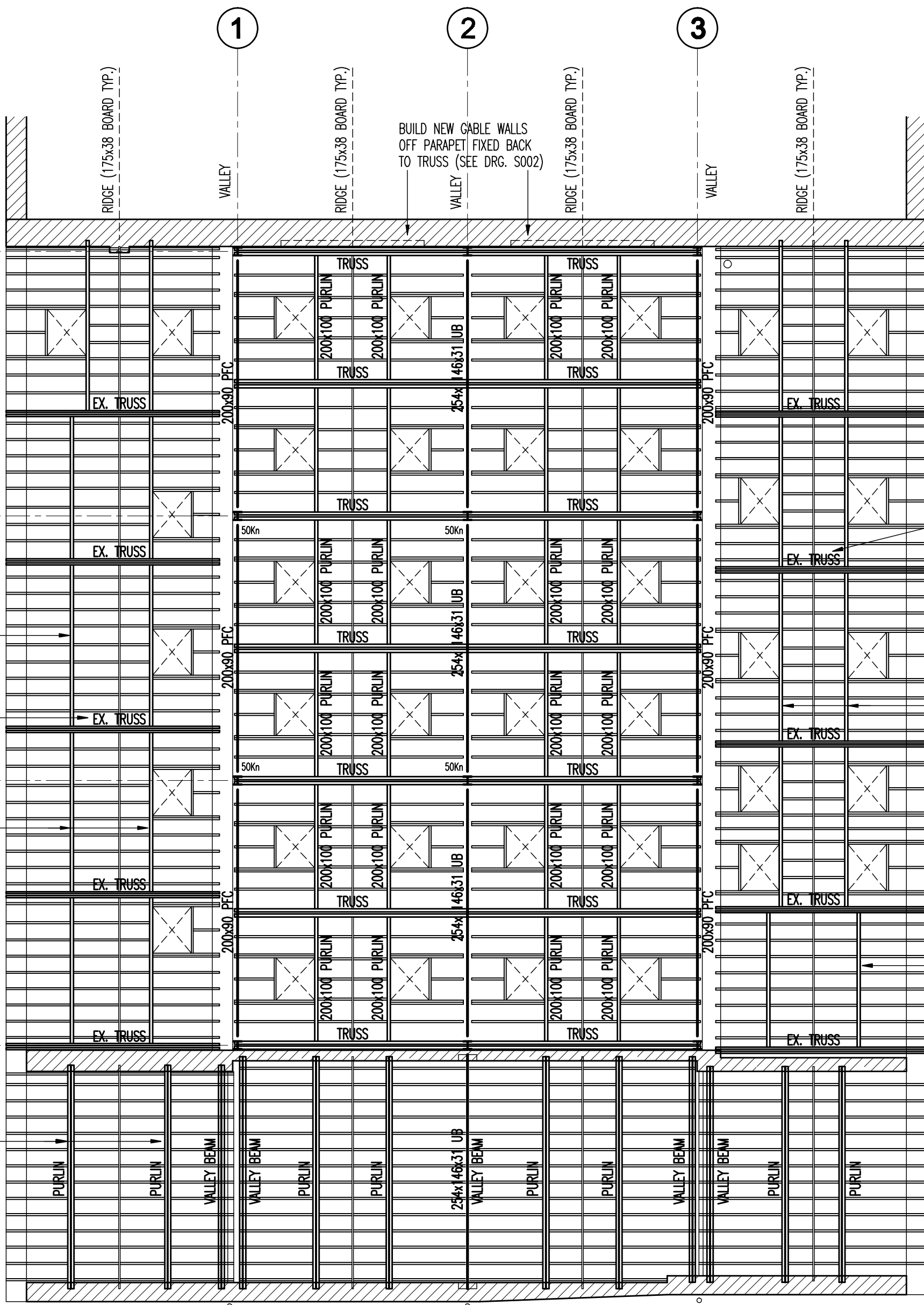
STEELWORK CONTRACTOR / BUILDER
CO-ORDINATION REQ'D, DEPENDING
ON EXACT FLOOR THICKNESS &
ANY FINISH DETAIL

WHERE NO VELUX'S
PURLIN POSITIONED
CENTRALLY BETWEEN
RIDGE & EX. WALL

SEE EXISTING TRUSS
STRENGTHENING DETAIL
ON DRG. S002

250x100, C24 PURLINS
TO WINGS (TYPICAL)

ALL PURLINS & VALLEY BEAMS
OVER STORAGE AREA TO BE -
2No. 300x50 C24 WITH CENTRAL
8mm STEEL PLATE, BOLTED
TOGETHER M12 @ 500cs U.N.O.



ALL RAFTERS 100x50 C16 AT 400cs. ALL PURLINS & VALLEY BEAMS C24
EXACT POSITIONS & No's OFF RAFTERS SHOWN INDICATIVELY & TO BE DETERMINED ON SITE

ROOF STRUCTURAL LAYOUT
SCALE 1:100

NOTES:

- FOR GENERAL NOTES REFER TO DRG. No. A001.
- FOR CONSTRUCTION NOTES REFER TO DRG. No. S002

STEELWORK NOTES :

ALL STEEL GRADE S275, STEEL COLUMNS TO BE
INTUMESCENT COATED FROM GND.-1st FLOOR
(COLOUR TO SUIT CLIENT) COMPRISING: PRIMER
COAT, BASE COAT & FINAL TOP SEALER TO
ACHIEVE 1/2 HOUR FIRE RATING.
FROM 1st-ROOF COLUMNS TO HAVE 9mm
'SUPALUX' BOARD BOXOUTS ALONG WITH ROOF
STEEL VALLEY BEAMS. (FLOOR BEAMS NOT TREATED,
ENCASED WITHIN FLOOR ZONE.)
STEELWORK CONTRACTOR/FABRICATOR TO PROVIDE
HIS OWN SURVEY TO ACCURATELY SET OUT GRIDS
& ERECT FRAME & TO PRODUCE FABRICATION
DRG'S WITH CONNECTIONS DESIGNED FROM FORCES
SHOWN ON THESE PLANS.

Rev.	Date
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DOWNEND DESIGN LTD.

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Bristol BS16 7BP
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Client

ASDAN

Job Title

**PROPOSED OFFICE REFURBISHMENT
AT REAR**

Drawing Title

STRUCTURAL LAYOUTS

Scale at A1

AS SHOWN

Drawing Status

FOR BUILDING REG'S APPROVAL

Job No

2137

Drawing No

S 001

Revision