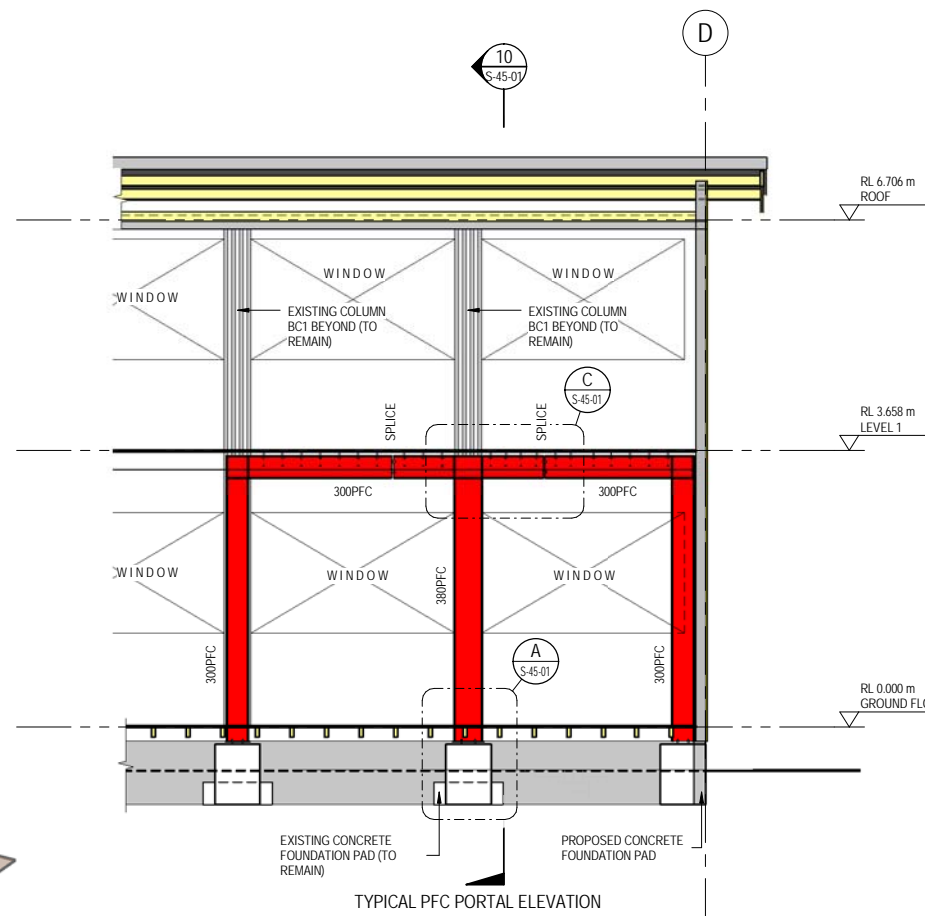
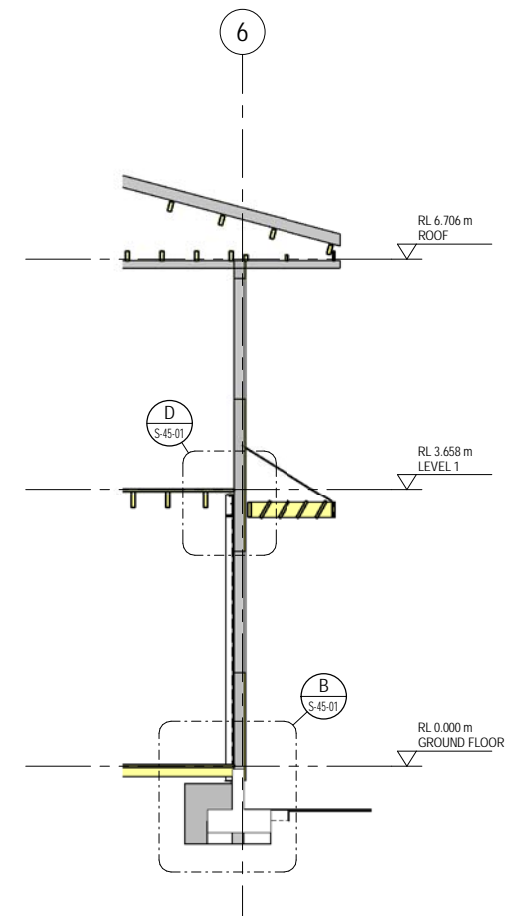


3D VIEW PORTAL FRAME



TYPICAL PFC PORTAL ELEVATION

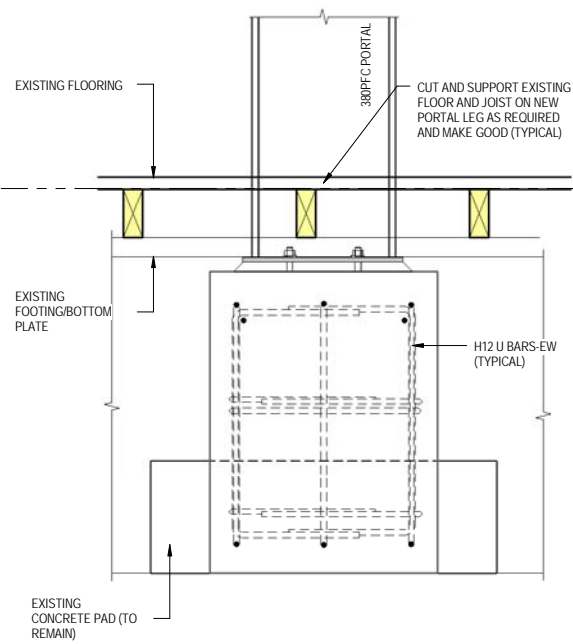
SECTION 09
1 : 50



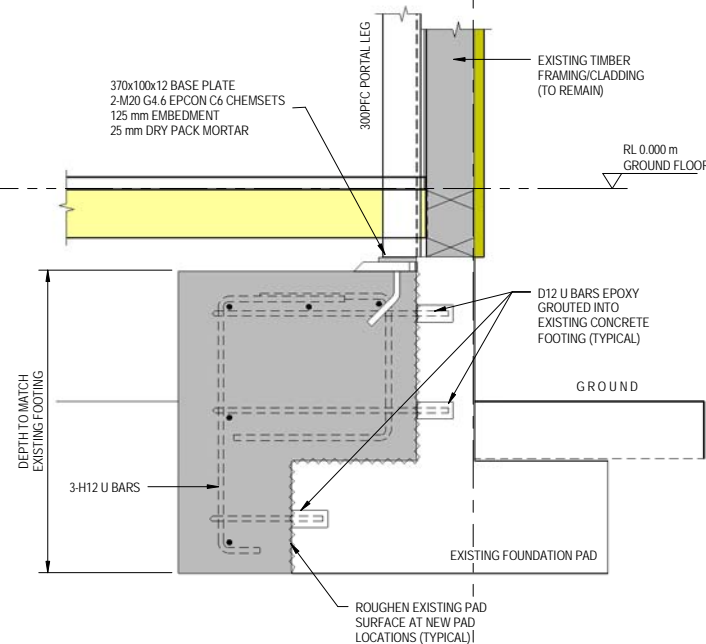
SECTION 10
1 : 50

NOTES:

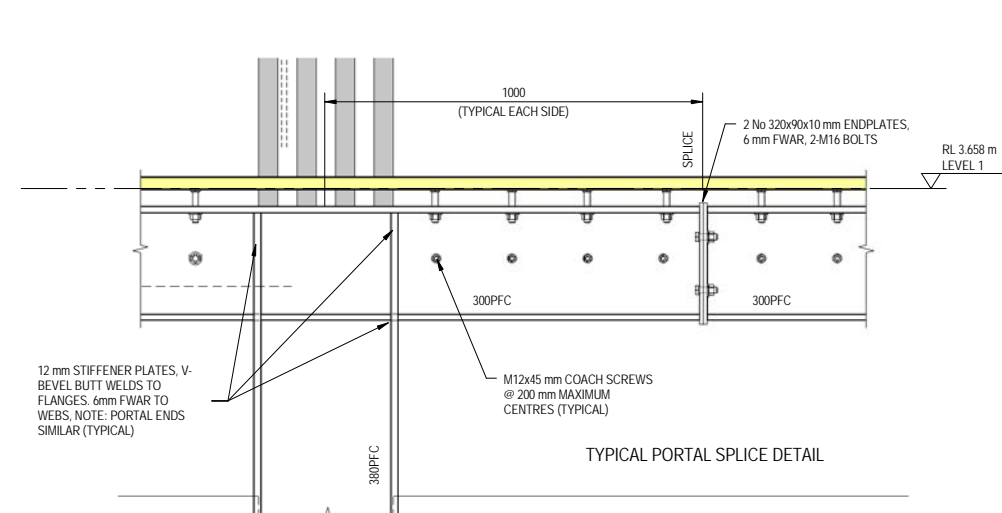
1. ALL TIMBER TO BE SG8 GRADE.
2. ALL WALL BRACING TO BE INSTALLED TO MANUFACTURERS SPECIFICATION. THIS INCLUDES PERIMETER SHEET FIXINGS AND WALL END HOLD DOWNS.
3. ALL INTERNAL STEELWORK SHALL BE CLEANED AND THEN PRIMED WITH ONE COAT OF APPROVED RED OXIDE ZINC PHOSPHATE ALKYD PRIMER TO ACHIEVE A MINIMUM DRY FILM THICKNESS OF 75 MICRONS.
4. NEW WALLS NOT LABELED AS SPECIFIC BRACING WALLS SHALL BE LINED WITH STANDARD PLASTERBOARD LININGS (BOTH SIDES FOR INTERNAL WALLS. 1 SIDE FOR EXTERNAL WALLS)
5. SEE S48-01 FOR TYPICAL LINTEL FIXING AND BRACING WALL HOLD DOWN DETAILS.
6. REFER TO DESIGN FEATURES REPORT FOR DESCRIPTION OF THE STRUCTURAL SCHEME, LOADING PARAMETERS AND %NBS TARGET VALUES.
7. THESE STRUCTURAL DESIGN METHODOLOGIES HAVE BEEN DEVELOPED BASED ON SET ARCHITECTURAL ALTERATIONS AS WELL AS A NUMBER OF ASSUMPTIONS IN REGARDS TO THE LOCATION AND EXISTING DETAILS OF THE BUILDING. THE SUITABILITY OF THESE STRUCTURAL SCHEMES FOR APPLICATION TO ANY SPECIFIC BUILDING SHOULD BE ASSESSED BY A SUITABLY QUALIFIED ENGINEER PRIOR TO IMPLEMENTATION. A BUILDING CONSENT WILL BE REQUIRED BEFORE CARRYING OUT ANY ALTERATIONS.
8. CONTRACTOR TO ADDRESS ANY ASBESTOS PRESENT IN THE BUILDING APPROPRIATELY.



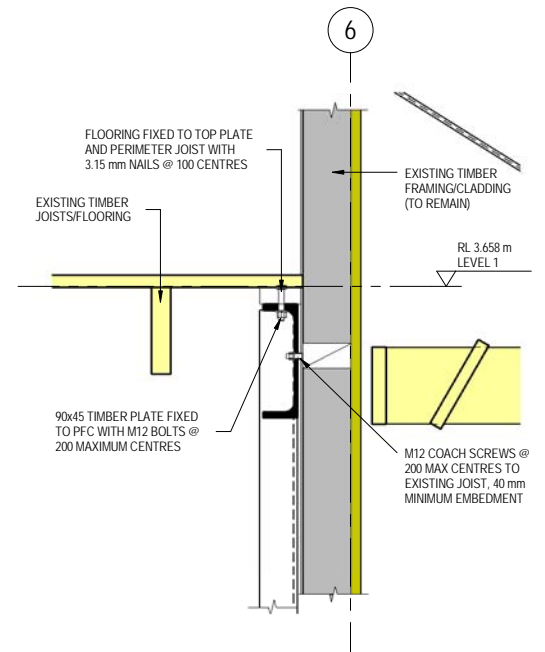
DETAIL A
1 : 10



DETAIL B
1 : 10



DETAIL C
1 : 10



SECTION D
1 : 10

REV	DATE	REVISION DETAILS	APPROVAL
A		FOR INFORMATION	

SCALE	SIZE
As indicated	A1
DRAWN	
W.E.NICHOLSON	
DESIGNED	
J.B.MAKWANA	
CHECKED	
M.MCGECHIE	

FOR INFORMATION ONLY NOT FOR CONSTRUCTION	
APPROVED	DATE
J.FINNEGAN	

PROJECT	MOE FLEXIBLE LEARNING SPACE NELSON 2-STOUREY BLOCK WELLINGTON AND CHRISTCHURCH - OPTION 1	
TITLE	OPTION 1 PFC PORTAL FRAME DETAILS	
DRAWING No.	PROJECT No. 246313	WBS 0000
	TYPE DRG	DISC - NUMBER S-45-01
		REV A

NOTES:

1. ALL TIMBER TO BE SG8 GRADE.
2. ALL WALL BRACING TO BE INSTALLED TO MANUFACTURERS SPECIFICATION. THIS INCLUDES PERIMETER SHEET FIXINGS AND WALL END HOLD DOWNS.
3. ALL INTERNAL STEELWORK SHALL BE CLEANED AND THEN PRIMED WITH ONE COAT OF APPROVED RED OXIDE ZINC PHOSPHATE ALKYD PRIMER TO ACHIEVE A MINIMUM DRY FILM THICKNESS OF 75 MICRONS.
4. NEW WALLS NOT LABELED AS SPECIFIC BRACING WALLS SHALL BE LINED WITH STANDARD PLASTERBOARD LININGS (BOTH SIDES FOR INTERNAL WALLS. 1 SIDE FOR EXTERNAL WALLS)
5. SEE S48-01 FOR TYPICAL LINTEL FIXING AND BRACING WALL HOLD DOWN DETAILS.
6. REFER TO DESIGN FEATURES REPORT FOR DESCRIPTION OF THE STRUCTURAL SCHEME, LOADING PARAMETERS AND %NBS TARGET VALUES.
7. THESE STRUCTURAL DESIGN METHODOLOGIES HAVE BEEN DEVELOPED BASED ON SET ARCHITECTURAL ALTERATIONS AS WELL AS A NUMBER OF ASSUMPTIONS IN REGARDS TO THE LOCATION AND EXISTING DETAILS OF THE BUILDING. THE SUITABILITY OF THESE STRUCTURAL SCHEMES FOR APPLICATION TO ANY SPECIFIC BUILDING SHOULD BE ASSESSED BY A SUITABLY QUALIFIED ENGINEER PRIOR TO IMPLEMENTATION. A BUILDING CONSENT WILL BE REQUIRED BEFORE CARRYING OUT ANY ALTERATIONS.
8. CONTRACTOR TO ADDRESS ANY ASBESTOS PRESENT IN THE BUILDING APPROPRIATELY.

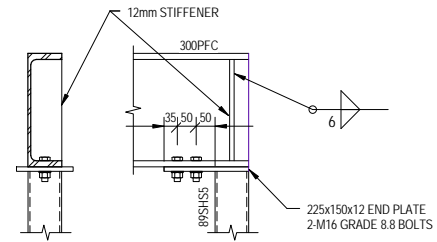
NOTES:

TIMBER FRAMING MUST COMPLY WITH:
 NZBC B1 STRUCTURES:AS1 CLAUSE 3 TIMBER (NZS 3604:2011)
 NZBC B2 DURABILITY:AS1 CLAUSE 3.2 TIMBER (NZS3602)
 FRAMING DIMENSIONS AND HEIGHT ARE AS DETERMINED BY NZS 3604 STUD AND TOP PLATE TABLES FOR LOAD BEARING AND NON LOAD BEARING WALLS. KILN DRIED VERIFIED STRUCTURAL GRADE TIMBER MUST BE USED. MACHINE GRADED TIMBER SUCH AS LASERFRAME IS RECOMMENDED.

FASTEN GIB BRACELINE TO FRAME WITH 35mm X 6g GIB GRABBER HIGH THREADED SCREWS AT 50, 100, 150, 225, 300 mm FROM EACH CORNER AND 150mm CENTRES AROUND PERIMETER OF THE BRACING ELEMENT. FOR VERTICALLY FIXED SHEETS PLACE FASTENERS AT 300 CENTRES TO THE SHEET JOINT.

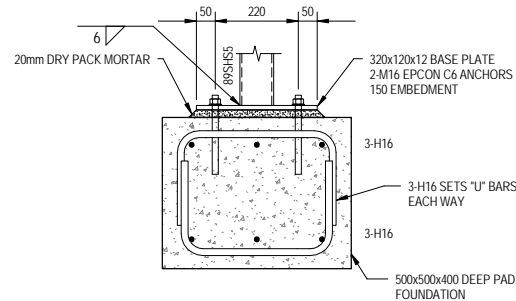
FIX NEW LINING DIRECTLY TO FRAMING. IF PART OF SHEETS ARE USED ENSURE NAILING AT REQUIRED CENTRES IS CARRIED OUT AROUND THE PERIMETER OF EACH SHEET OR PART SHEET. 2-3mm EXPANSION GAP SHOULD BE LEFT BETWEEN SHEETS.

FASTEN ECOPLY WITH 50x2.8mm GALVANISED OR STAINLESS STEEL FLAT HEAD NAILS. PLACE FASTENERS NO LESS THAN 7mm FROM SHEET EDGE. FASTENERS ARE PLACED AT 150mm CENTRES AROUND THE PERIMETER OF EACH SHEET AND 300mm CENTRES TO INTERMEDIATE STUDS AND DWANGS. WHERE MORE THAN ONE SHEET FORMS PART OF THE BRACE ELEMENT EACH SHEET MUST BE NAILED OFF INDEPENDENTLY.



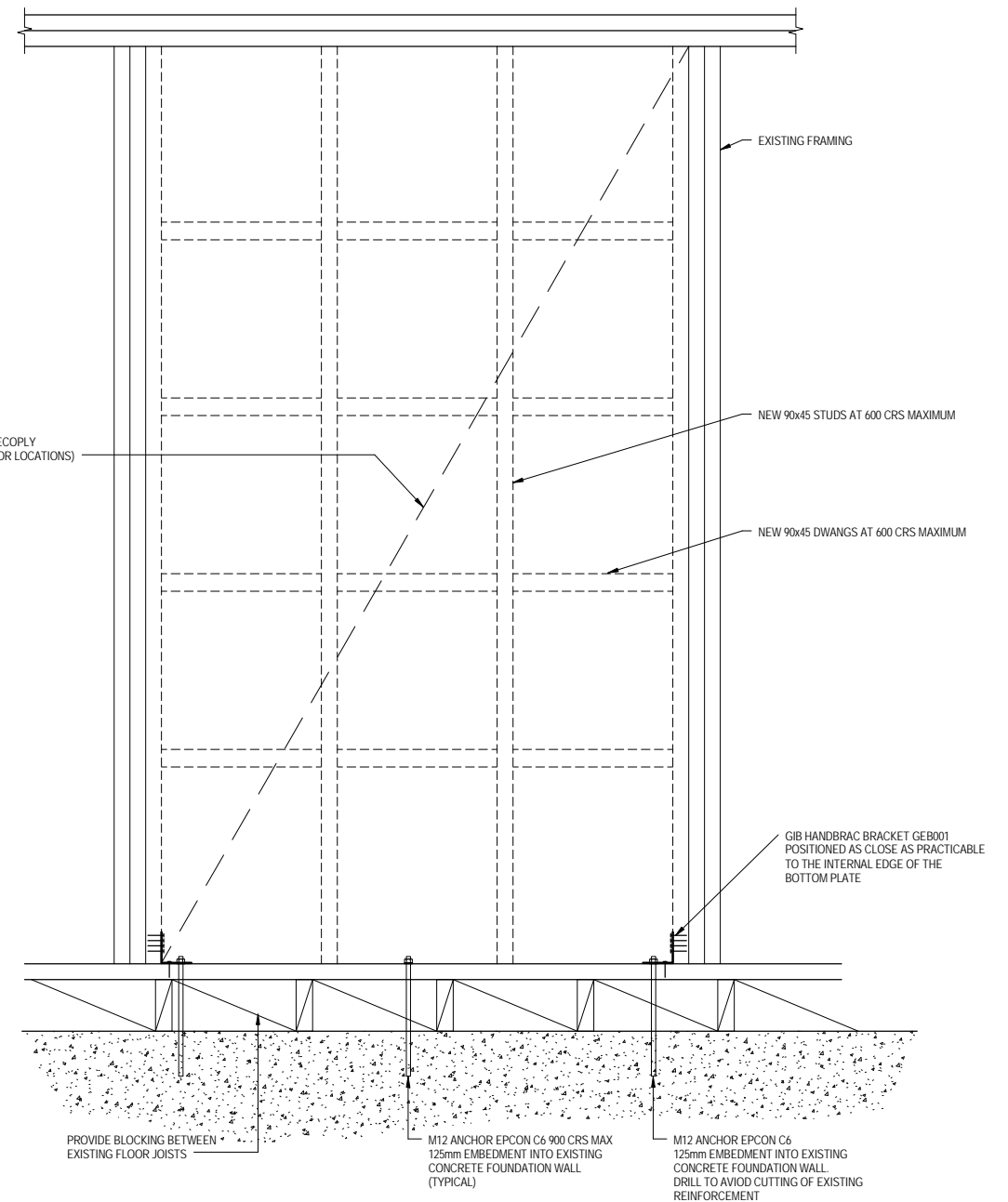
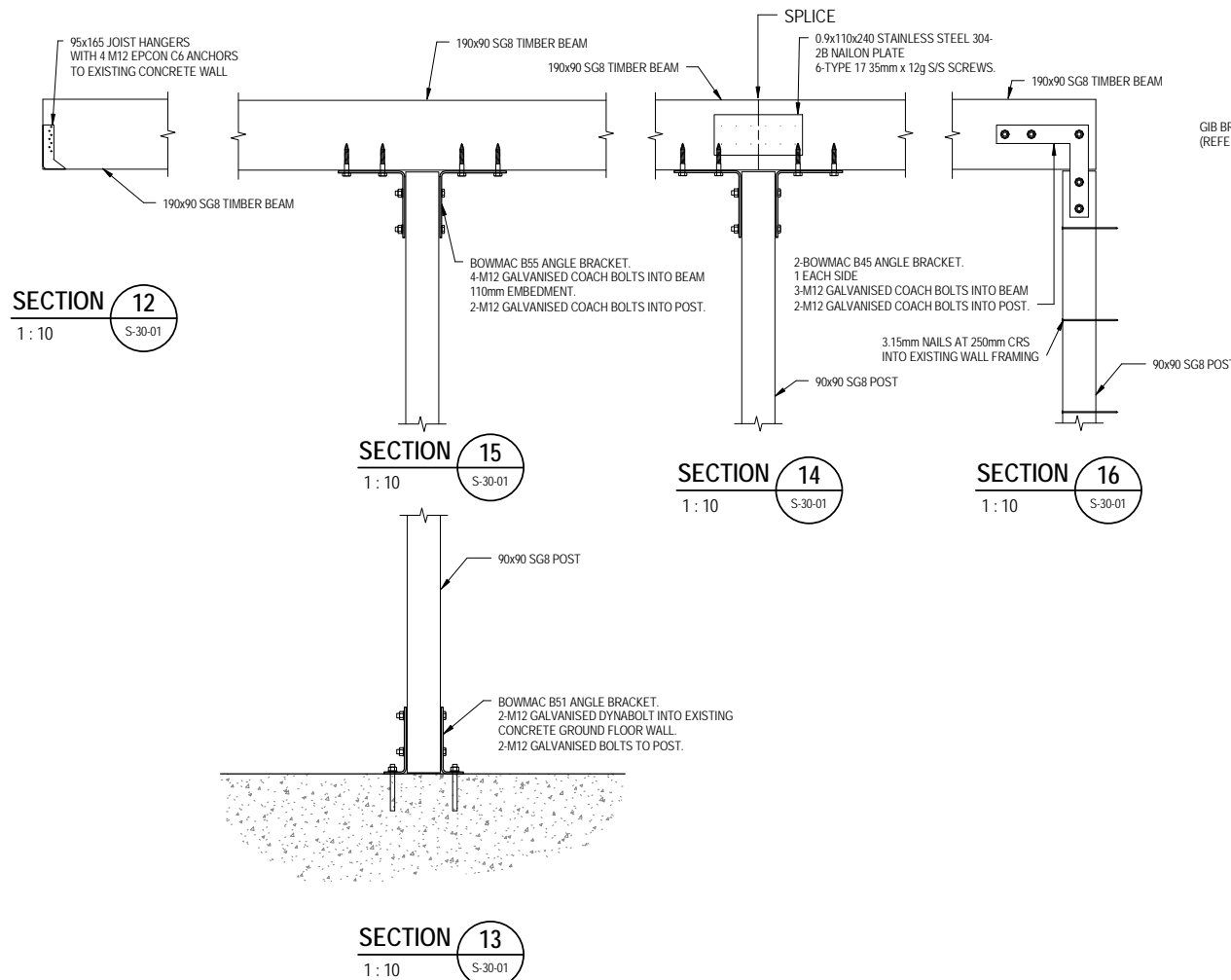
PFC LINTEL TO SHS COLUMN CONNECTION

SECTION 11
1: 10 S-30-02



SHS COLUMN BASE CONNECTION

SECTION 10
1: 10 S-25-01



GIB BL1-H, GIB BLG-H, BLP-H, AND ECOPLY EP1 TYPICAL HOLD DOWN DETAIL

File Name: 24032024_10_1025.dwg Client: MOE Flexible Learning Space Nelson 2-Storey Block Wellington and Christchurch - Option 1

REV	DATE	REVISION DETAILS	APPROVAL
A		FOR INFORMATION	

SCALE	1: 10
SIZE	A1
DRAWN	W.E.NICHOLSON
DESIGNED	J.B.MAKWANA
CHECKED	M.MCGECHIE

FOR INFORMATION ONLY NOT FOR CONSTRUCTION	APPROVED
DATE	J.FINNEGAN

PROJECT	MOE FLEXIBLE LEARNING SPACE NELSON 2-STOREY BLOCK WELLINGTON AND CHRISTCHURCH - OPTION 1			
TITLE	OPTION 1 DETAILS			
DRAWING No.	PROJECT No.	WBS	TYPE	DISC - NUMBER
246313	246313	0000	DRG	S-48-01
REV	A			