

CANTERBURY BLOCK

MOE - NATIONWIDE FLS
AUCKLAND, WELLINGTON AND
CHRISTCHURCH

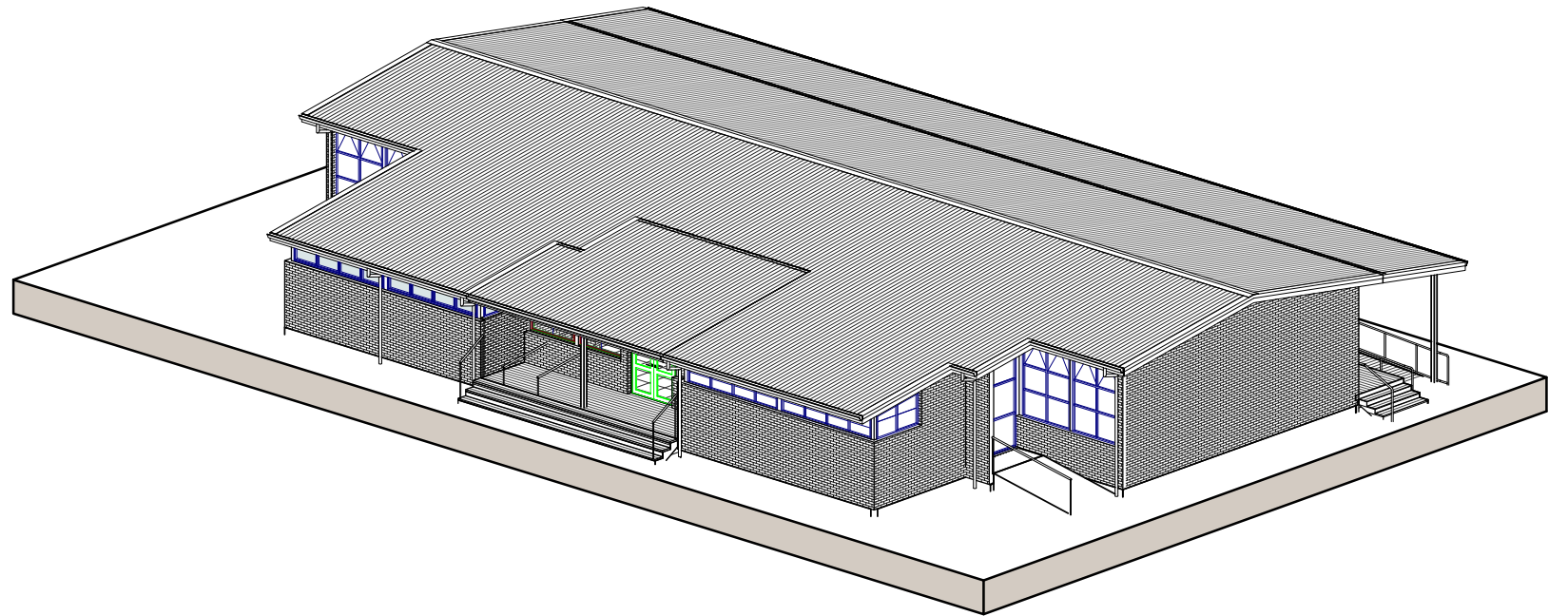


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A1	18/09/15		246313	CANT	DRG	S00-00	A



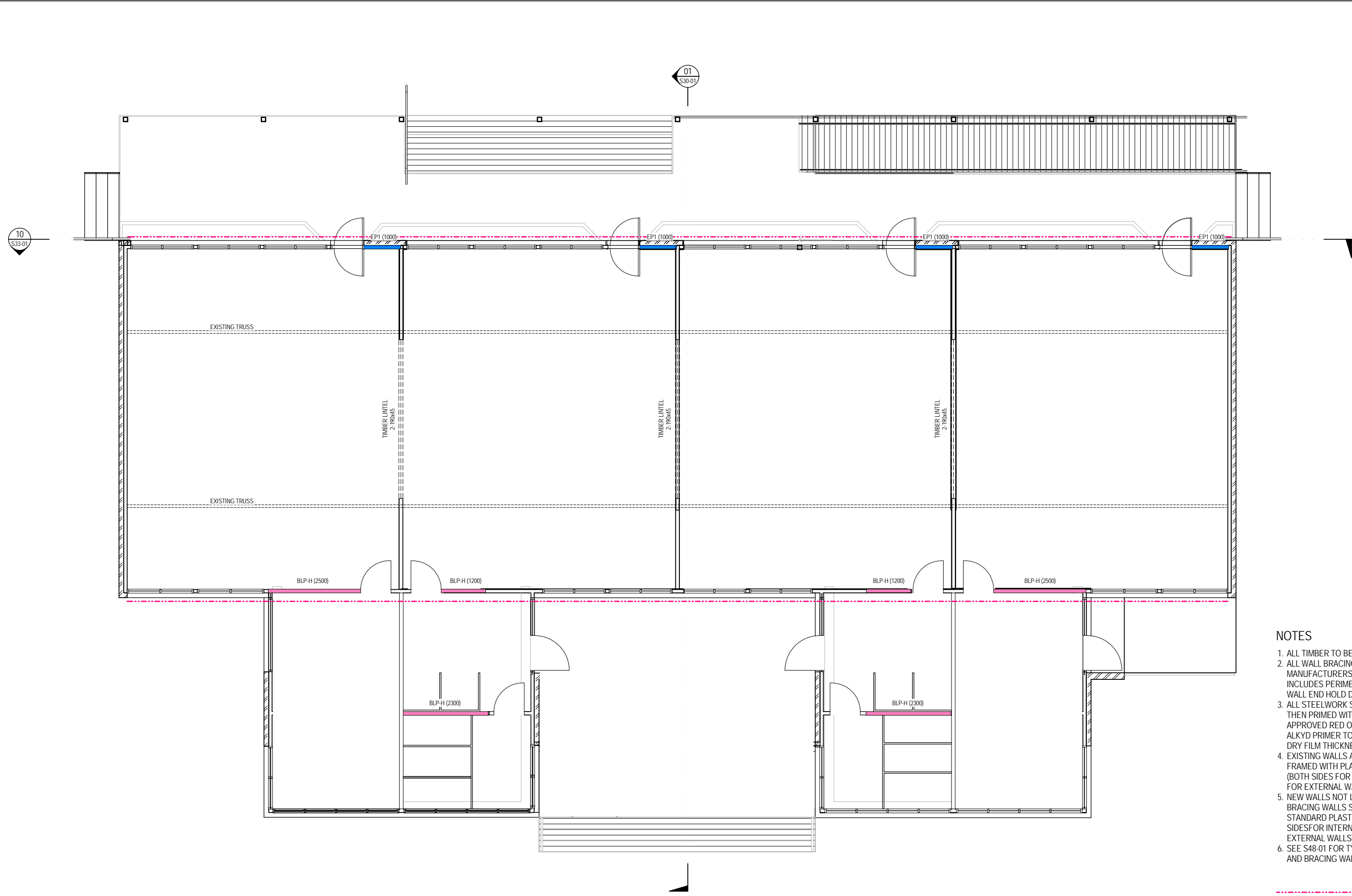
3D VIEW



NOTES:
 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

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REV	DATE	REVISION DETAILS	APPROVAL	SCALE	SIZE	INFORMATION ONLY	PROJECT				
A	18/09/15	FOR INFORMATION ONLY	J. FINNEGAN	1 : 1	A1	NOT FOR CONSTRUCTION	MOE - NATIONWIDE FLS AUCKLAND, WELLINGTON AND CHRISTCHURCH				
				DRAWN W.E.NICHOLSON		APPROVED J. FINNEGAN J. FINNEGAN	TITLE CANTERBURY BLOCK SEISMIC STRENGTHENING GENERAL 3D AND PHOTOS				
				DESIGNED P.DON	DATE 18/09/2015						
				CHECKED S.RANDALL				DRAWING No. 246313 - WBS CANT - TYPE DRG - DISC - NUMBER S00-01 - REV A			



FLOOR PLAN OPTION 1
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 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. EXISTING WALLS ASSUMED TO BE TIMBER FRAMED WITH PLASTERBOARD LININGS (BOTH SIDES FOR INTERNAL WALLS, 1 SIDE FOR EXTERNAL WALLS).
 5. 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).
 6. SEE S48-01 FOR TYPICAL LINTEL FIXING AND BRACING WALL HOLD DOWN DETAILS.

----- DENOTES - PROVIDE CONNECTION BETWEEN EXISTING SARKING (LOCATED UNDER CORRUGATED ROOFING) AND EXISTING TOP PLATE BY WAY OF NEW TIMBER BLOCKING AND FIXING

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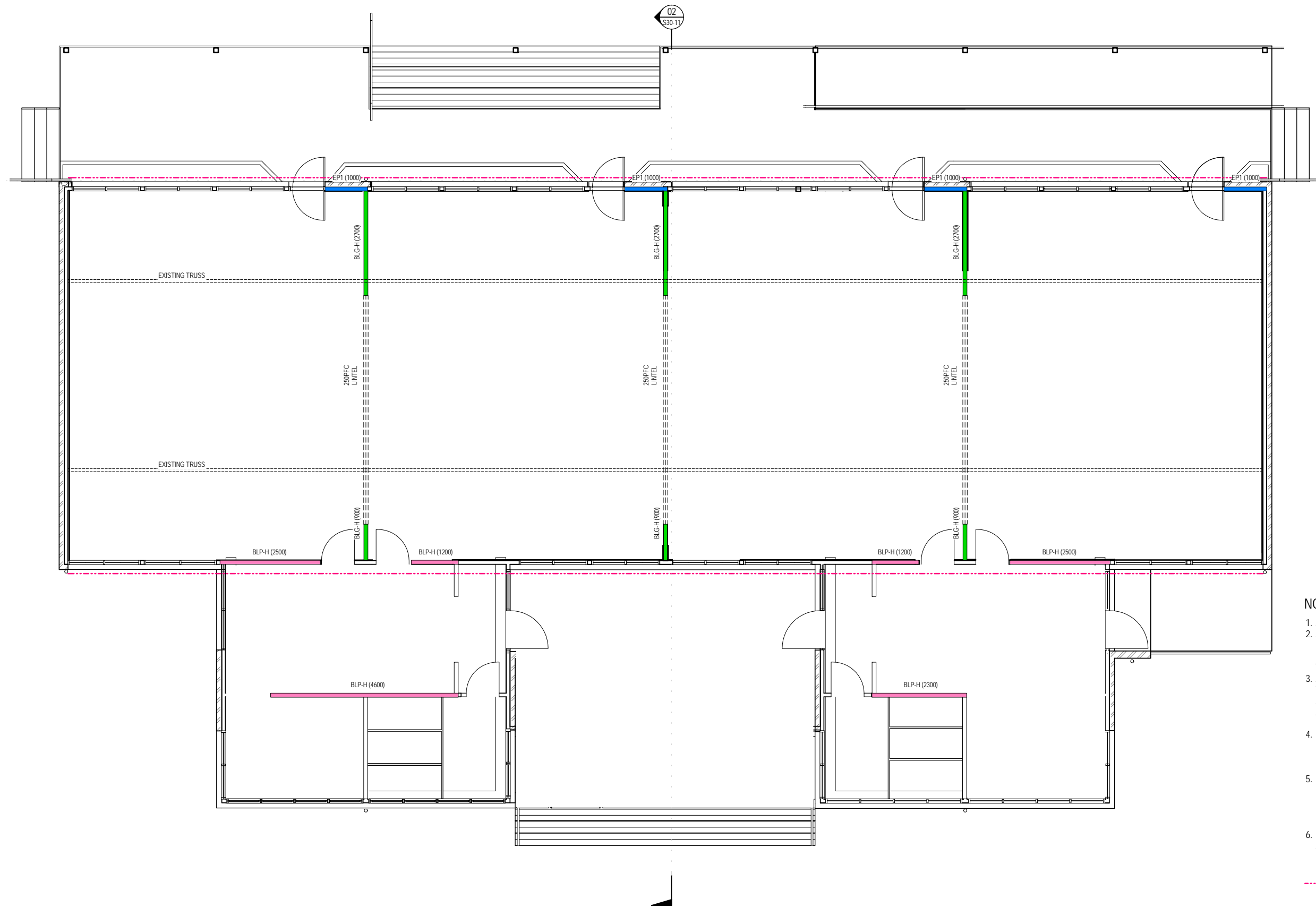
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	J. FINNEGAN

PROJECT	TITLE	DRAWING No.	PROJECT No.	WBS	TYPE	DISC - NUMBER	REV
MOE - NATIONWIDE FLS AUCKLAND, WELLINGTON AND CHRISTCHURCH	CANTERBURY BLOCK OPTION 1 WELLINGTON AND CHRISTCHURCH	246313	246313	CANT	DRG	S25-01	A

10
S33-01

02
S30-11



NOTES

1. ALL TIMBER TO BE S68 GRADE.
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FLOOR PLAN OPTION 2
1 : 50

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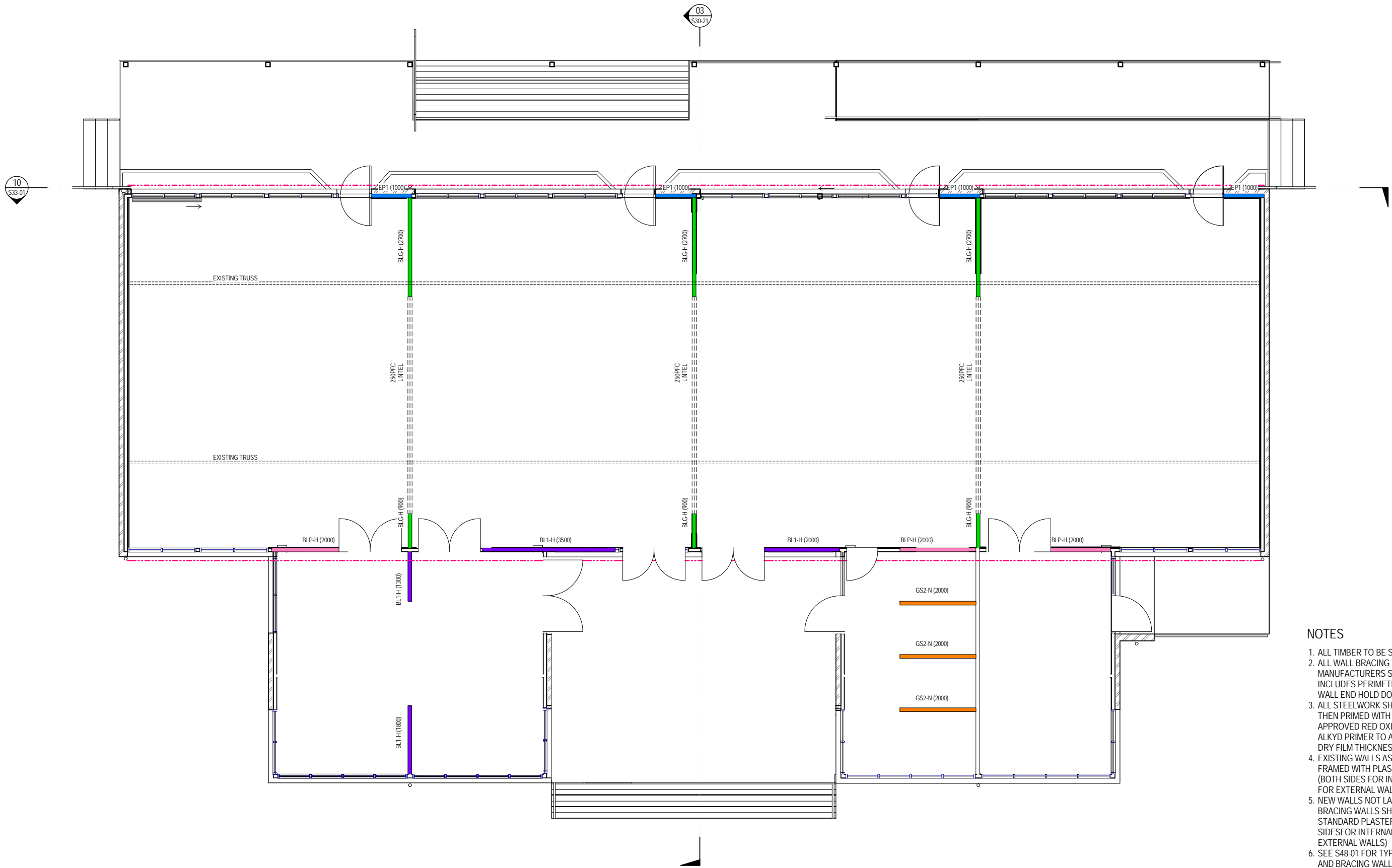


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PROJECT	TITLE	DRAWING No.	PROJECT No.	WBS	TYPE	DISC - NUMBER	REV
MOE - NATIONWIDE FLS AUCKLAND, WELLINGTON AND CHRISTCHURCH	CANTERBURY BLOCK OPTION 2 WELLINGTON AND CHRISTCHURCH	246313	246313	CANT	DRG	S25-11	A



FLOOR PLAN OPTION 3
1 : 50

- NOTES**
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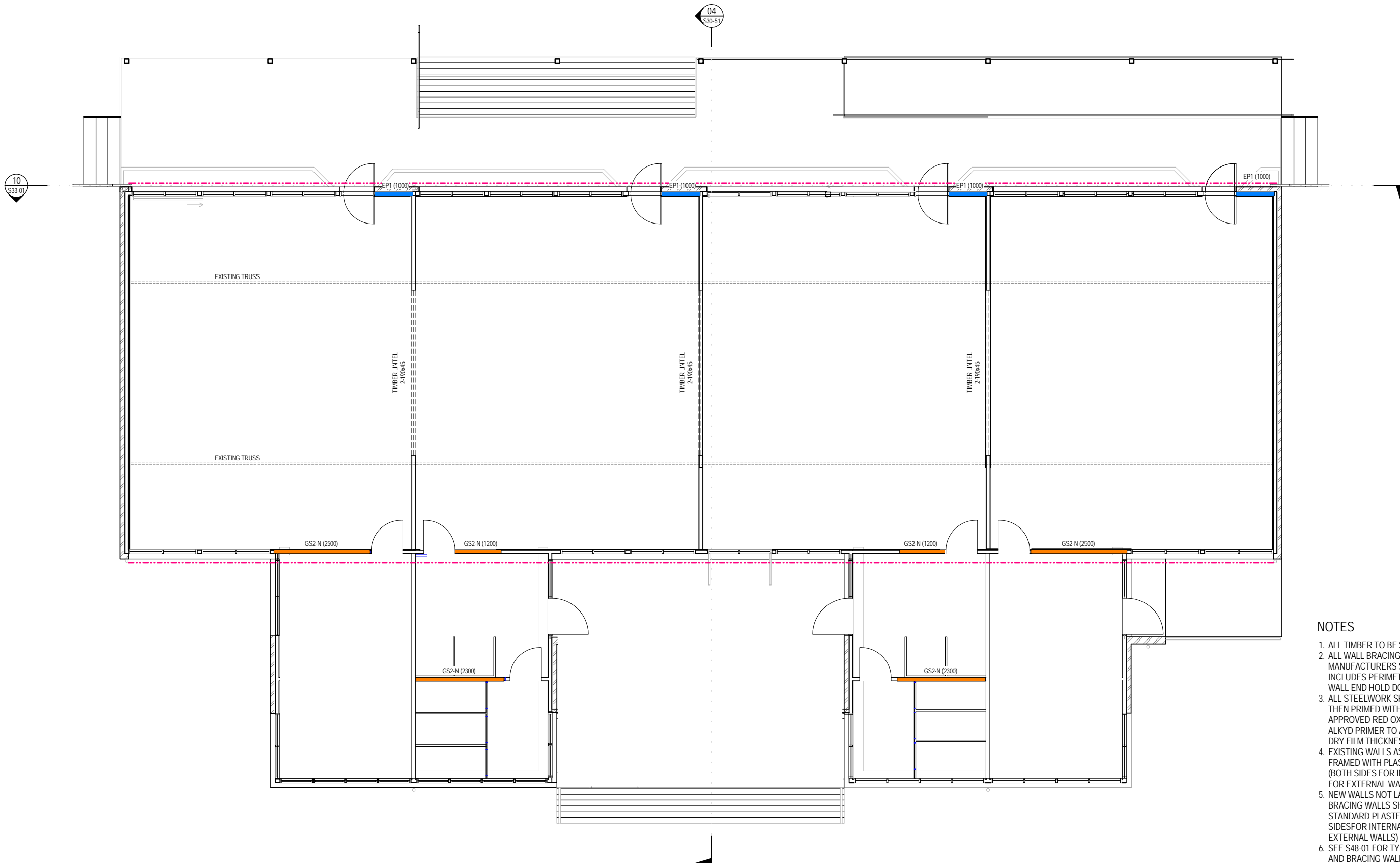


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PROJECT	TITLE	DRAWING No.	PROJECT No.	WBS	TYPE	DISC - NUMBER	REV
MOE - NATIONWIDE FLS AUCKLAND, WELLINGTON AND CHRISTCHURCH	CANTERBURY BLOCK OPTION 3 WELLINGTON AND CHRISTCHURCH	246313	246313	CANT	DRG	S25-21	A



FLOOR PLAN OPTION 1
1 : 50

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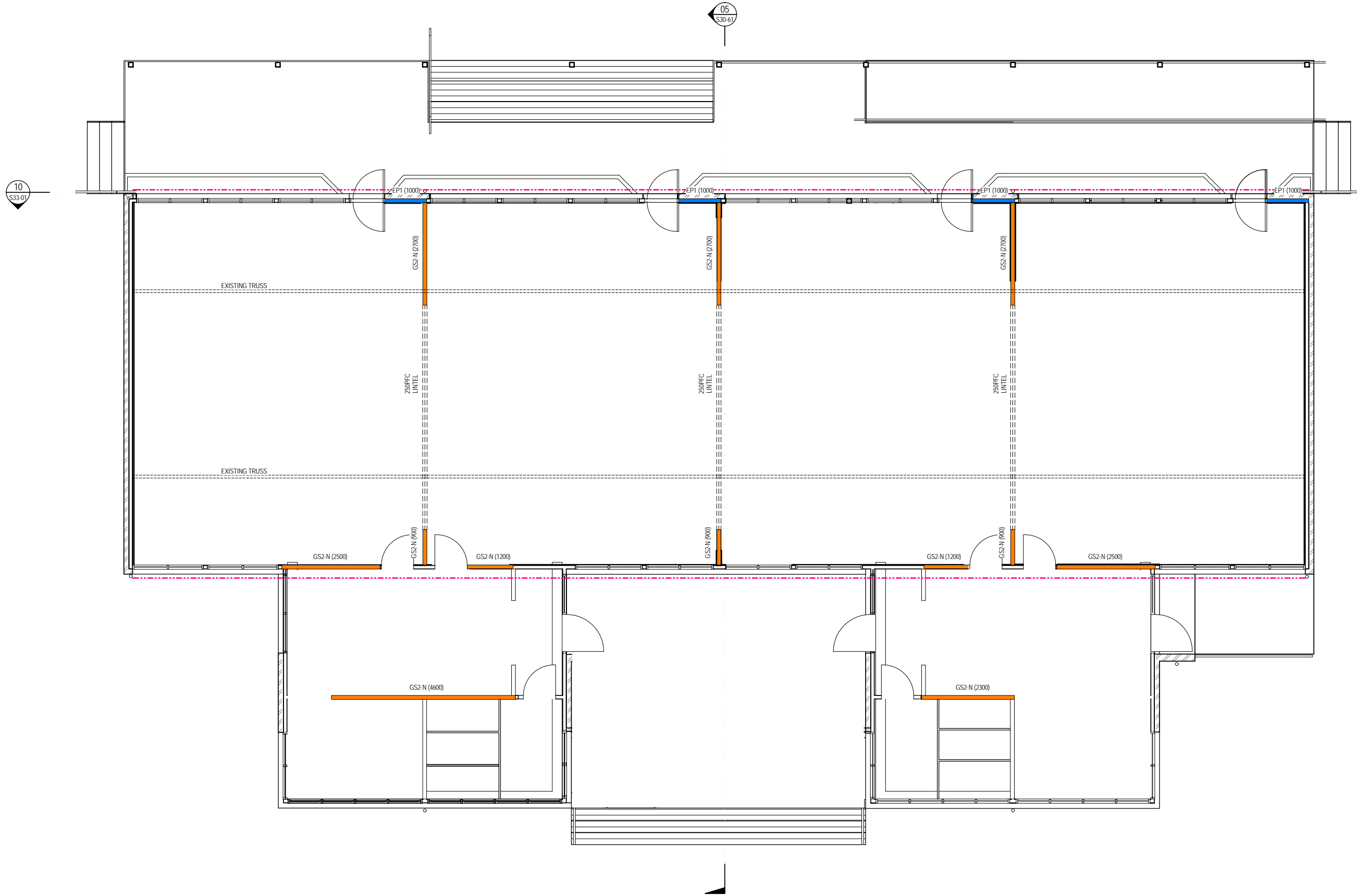


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PROJECT	TITLE	DRAWING No.	PROJECT No.	WBS	TYPE	DISC - NUMBER	REV
MOE - NATIONWIDE FLS AUCKLAND, WELLINGTON AND CHRISTCHURCH	CANTERBURY BLOCK OPTION 1 AUCKLAND	246313	246313	CANT	DRG	S25-51	A



FLOOR PLAN OPTION 2
1 : 50

- NOTES**
1. ALL TIMBER TO BE SG8 GRADE.
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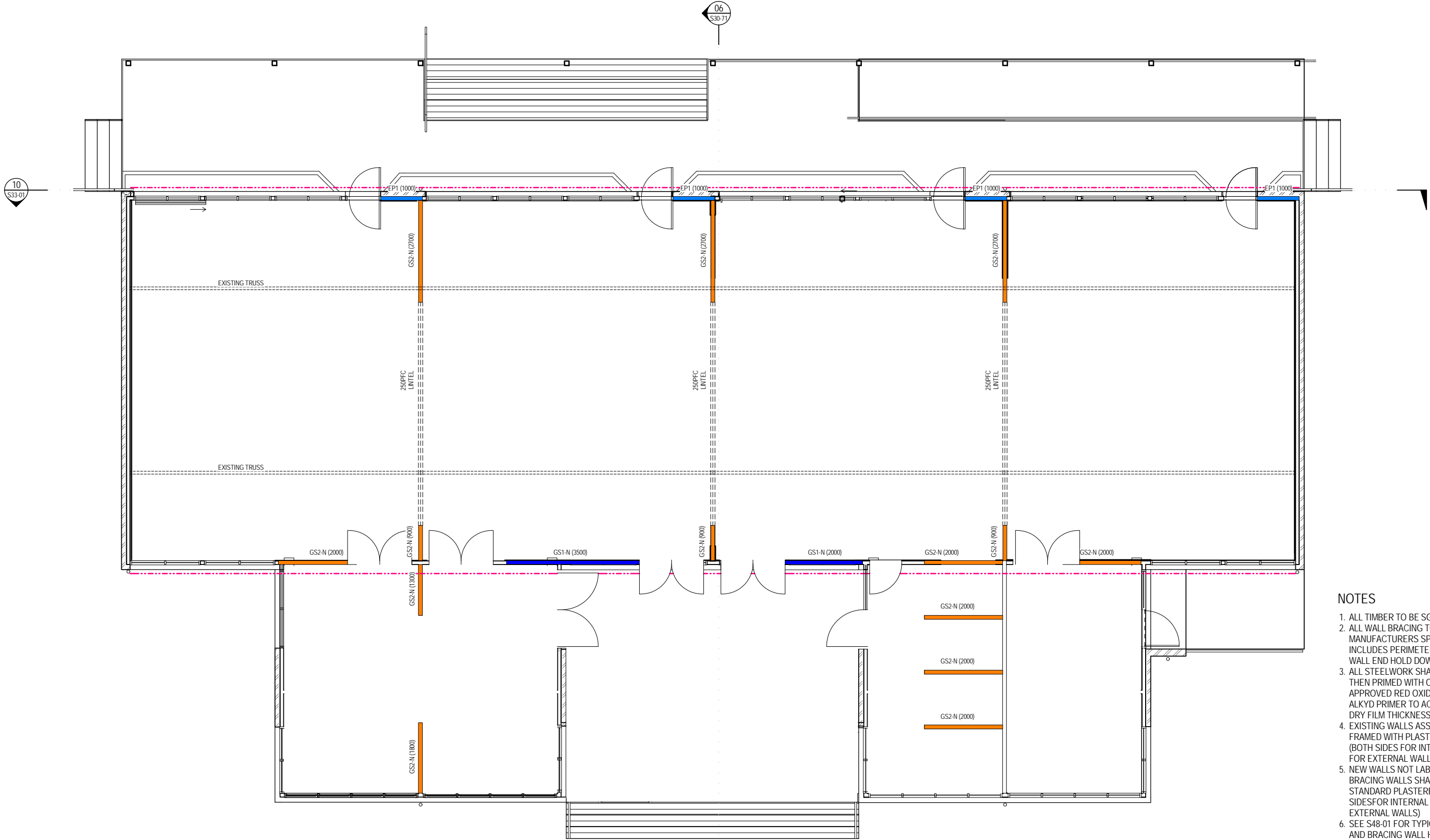


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PROJECT	TITLE	DRAWING No.	PROJECT No.	WBS	TYPE	DISC - NUMBER	REV
MOE - NATIONWIDE FLS AUCKLAND, WELLINGTON AND CHRISTCHURCH	CANTERBURY BLOCK OPTION 2 AUCKLAND	246313	246313	CANT	DRG	S25-61	A



FLOOR PLAN OPTION 3
1:50

- NOTES**
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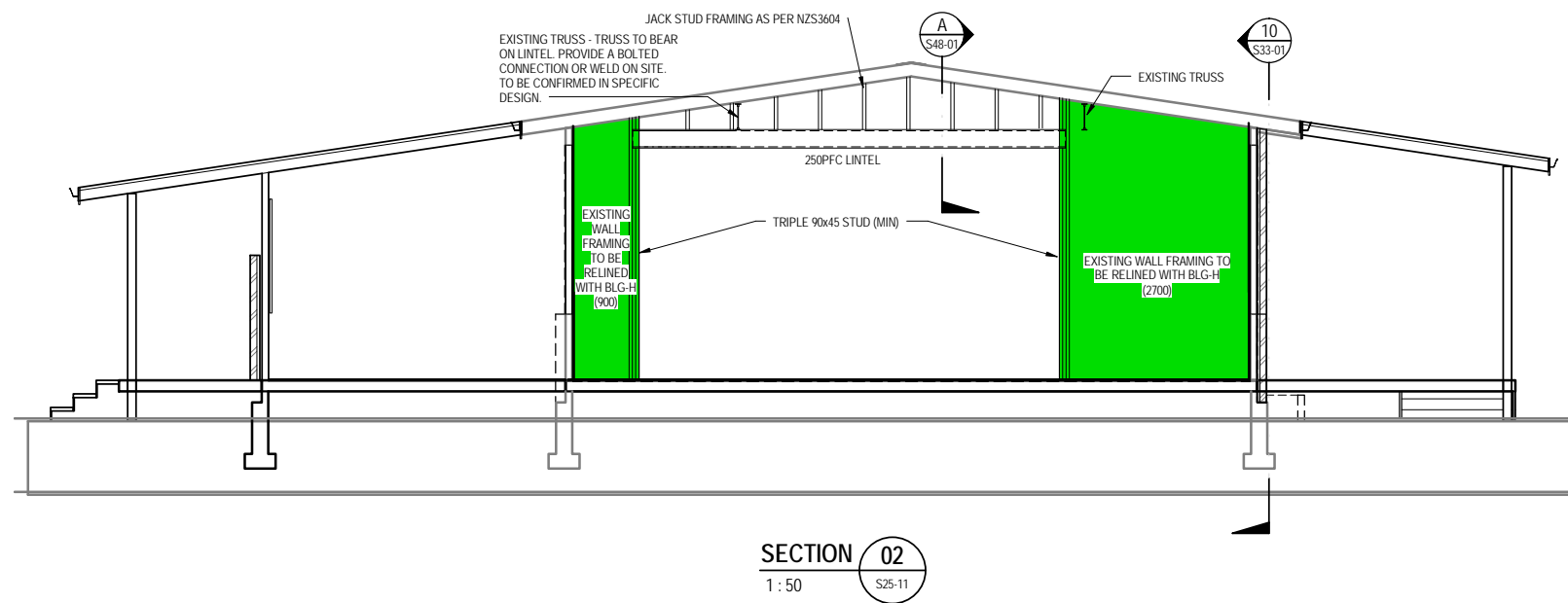


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PROJECT	TITLE	DRAWING No.	PROJECT No.	WBS	TYPE	DISC - NUMBER	REV
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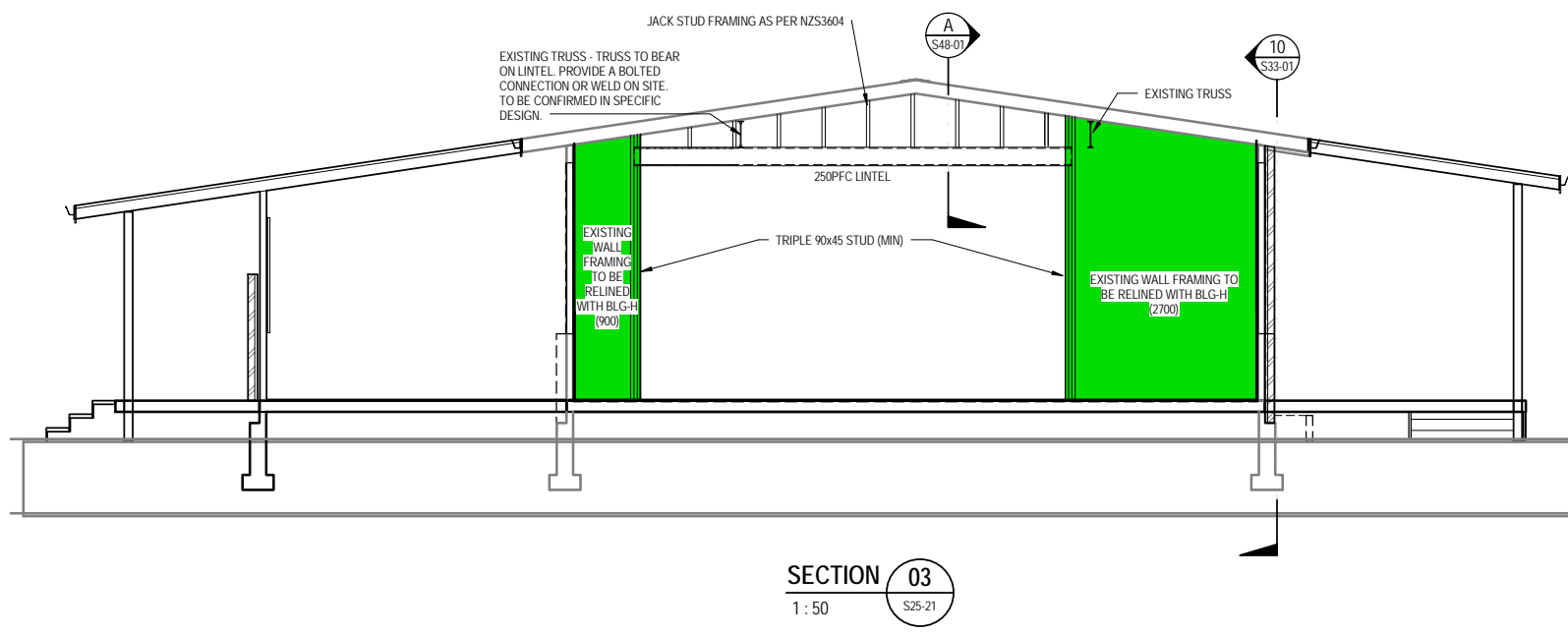
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APPROVED	DATE
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TITLE	CANTERBURY BLOCK OPTION 2 WELLINGTON AND CHRISTCHURCH
DRAWING No.	246313 - CANT - DRG - S30-11 - A
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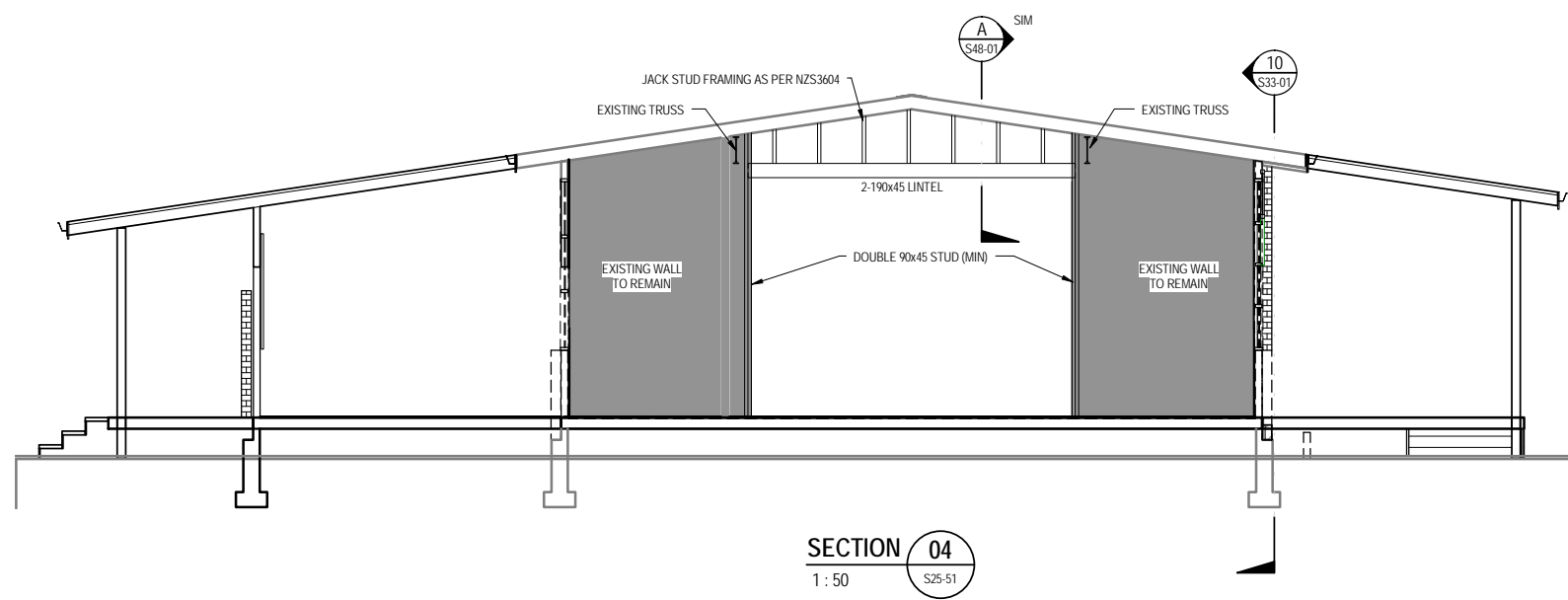


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PROJECT	TITLE	DRAWING No.	PROJECT No.	WBS	TYPE	DISC - NUMBER	REV
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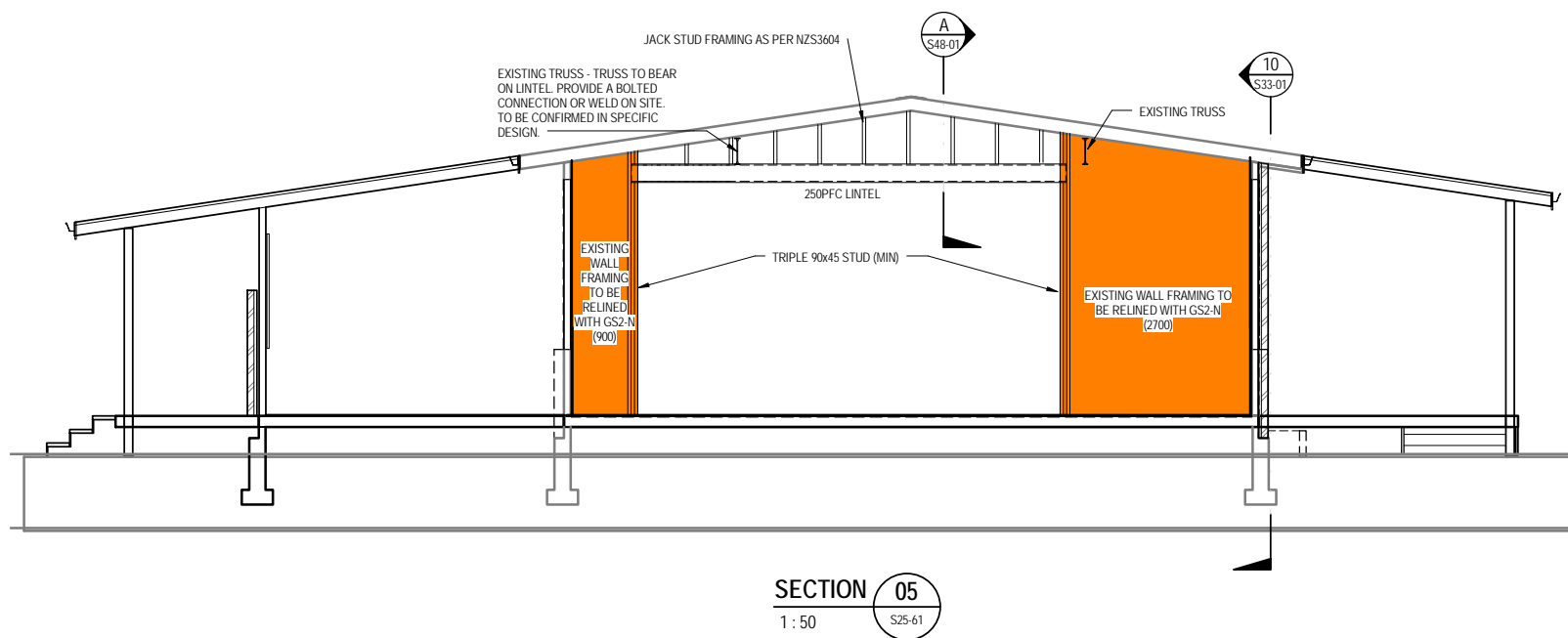
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PROJECT	MOE - NATIONWIDE FLS AUCKLAND, WELLINGTON AND CHRISTCHURCH			
TITLE	CANTERBURY BLOCK OPTION 1 AUCKLAND			
DRAWING No.	PROJECT No.	WBS	TYPE	DISC - NUMBER
246313	CANT	DRG	S30-51	REV A



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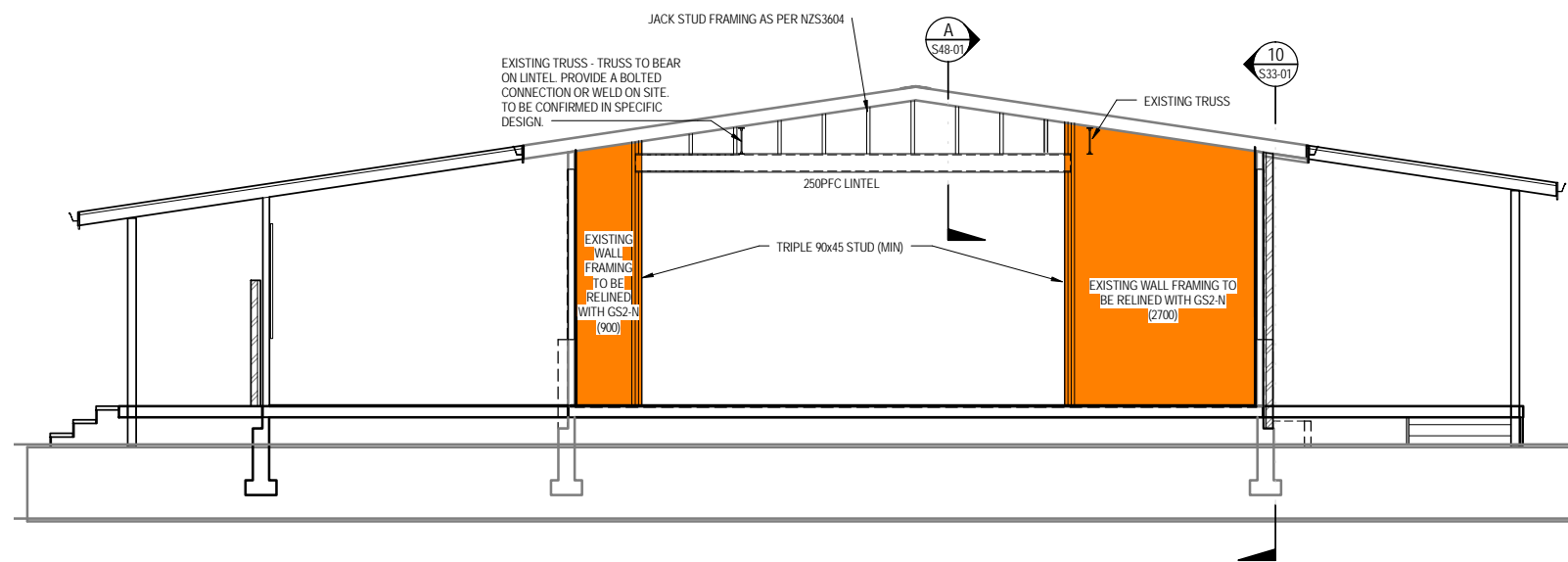


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PROJECT	MOE - NATIONWIDE FLS AUCKLAND, WELLINGTON AND CHRISTCHURCH			
TITLE	CANTERBURY BLOCK OPTION 2 AUCKLAND			
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				S30-61
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SECTION 06
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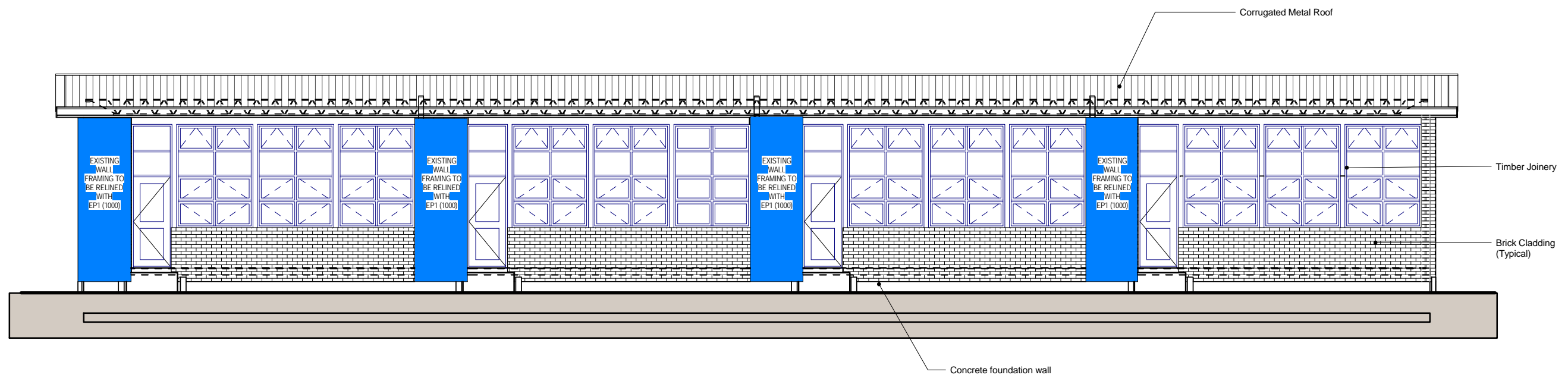
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PROJECT	MOE - NATIONWIDE FLS AUCKLAND, WELLINGTON AND CHRISTCHURCH
TITLE	CANTERBURY BLOCK OPTION 3 AUCKLAND
DRAWING No.	246313 - CANT - DRG - S30-71 - A



SECTION 10
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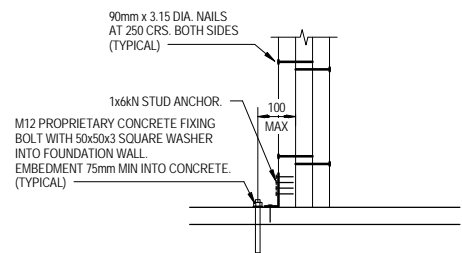
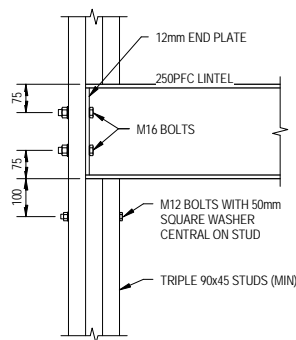
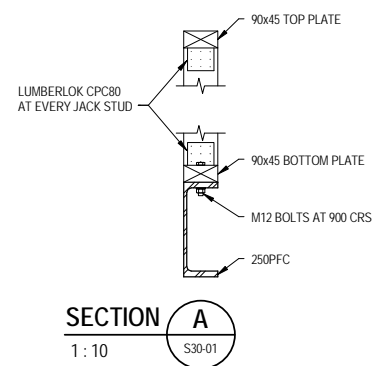
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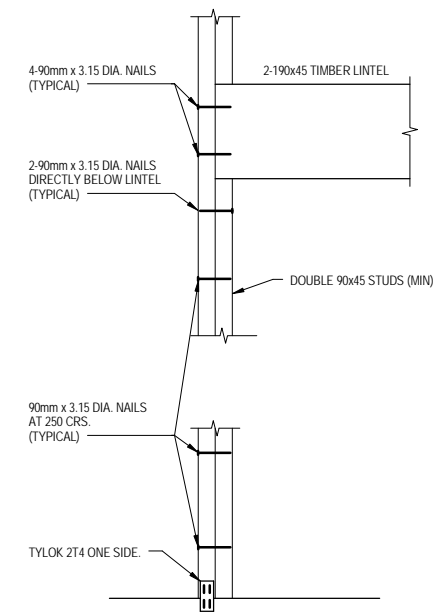
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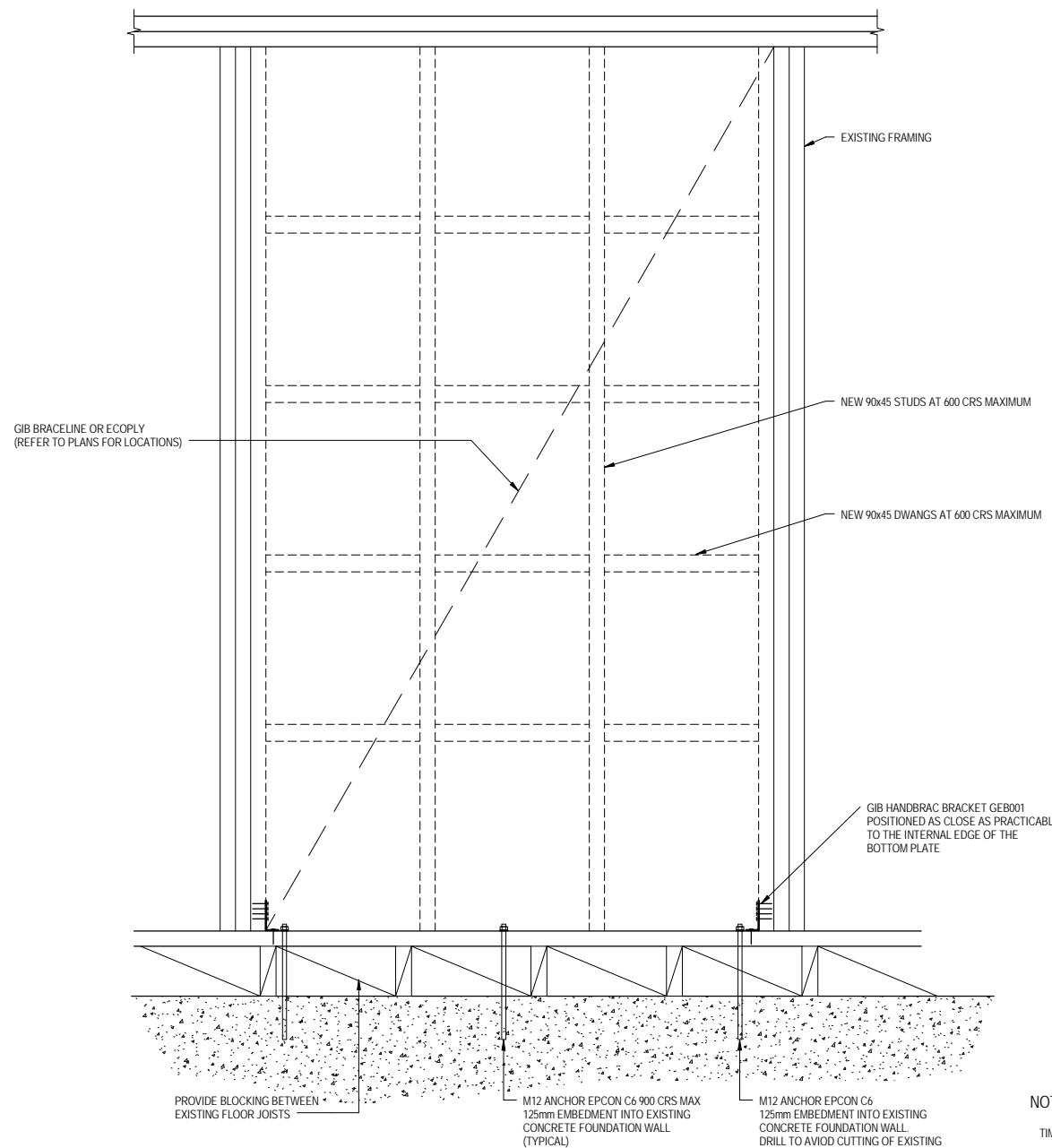
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TITLE	TYPICAL ELEVATION			
DRAWING No.	PROJECT No.	WBS	TYPE	DISC - NUMBER
246313	CANT	DRG	S33-01	REV A



PFC LINTEL/TIMBER WALL FRAMING CONNECTION



TIMBER LINTEL/TIMBER WALL FRAMING CONNECTION



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

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.

File Path: \\p022013\11\5001.dwg, Date: 18/09/2015 11:50:02 a.m., Client: Ministry of Education, Project: MOE - NATIONWIDE FLS, Drawing: MOE - NATIONWIDE FLS - CANTERBURY BLOCK - CEILING, Rev: 18/09/15, Scale: A1, Size: A1



REV	DATE	REVISION DETAILS	APPROVAL
A	18/09/15	FOR INFORMATION ONLY	J. FINNEGAN

SCALE	SIZE
As indicated	A1
DRAWN	
W.E.NICHOLSON	
DESIGNED	
P.DON	
CHECKED	
S.RANDALL	

INFORMATION ONLY NOT FOR CONSTRUCTION
APPROVED
J. FINNEGAN
DATE 18/09/2015
J. FINNEGAN

PROJECT	TITLE	DRAWING No.	PROJECT No.	WBS	TYPE	DISC - NUMBER	REV
MOE - NATIONWIDE FLS AUCKLAND, WELLINGTON AND CHRISTCHURCH CANTERBURY BLOCK	DETAILS	246313	246313	CANT	DRG	S48-01	A