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2. This drawing is to be read in conjunction with all other relevant drawings and specifications for this project and apparent inconsistencies brought to the attention of the Project Design Manager.

3. Do not scale directly from drawing - If in doubt ask!

NOTES:

SITE PLAN KEY:

- Site Boundary/ Secure Fenceline
- Existing School Building Demolished
- Primary School Building Entrance
- Pupil Gated Access (Beyond Secureline)
- Pedestrian Grade Concrete Asphalt
- Porous Concrete Asphalt (MUGA only)
- Existing Pedestrian Grade Concrete Asphalt
- Vehicular Grade Concrete Asphalt
- Proposed Soft Landscape
- Existing Sports Pitch
- Existing Tree
- Proposed Tree
- Proposed Secure Fenceline
- Proposed Sports Pitch Fenceline
- Existing Hockey Pitch (to be retained)

BB103	Required	Existing	Proposed
1. SOFT OUTDOOR PE	43,450m ²	21,074m ²	20,561m ²
2. HARD OUTDOOR PE	2,005m ²	7,503m ²	7,700m ²
3. SOFT INFORMAL AND SOCIAL AREA	2,740m ²	1,970m ²	2,740m ²
4. HARD INFORMAL AND SOCIAL AREA	1,270m ²	2,500m ²	1,844m ²
5. HABITAT	535m ²	556m ²	556m ²

Note: BB103 requirements based on 1070 pupils

POB	DRAWING REWROTE AND REPLACES 136917-HLM-00-DR-L	POB	06/03/19	MC
POB	ISSUE FOR CDS	POB	06/03/19	MC
POB	ISSUE FOR CDS	POB	13/03/19	MC
POB	ISSUE FOR CDS	POB	14/03/19	MC
POB	FOR INFORMATION	POB	16/03/19	MC
POB	ISSUE FOR PLANNING	POB	13/03/19	MC
POB	PRELIMINARY ISSUE FOR COMMENT	POB	16/03/19	MC
POB	PRELIMINARY ISSUE FOR COMMENT	POB	19/03/19	MC
Rev	Drawings	Rev	Date	By



CURTIN
CALEDONIAN

PROJECT REF:
HAYGROVE SCHOOL

DESCRIPTION:
PROPOSED SITE LAYOUT

DOCUMENT IDENTIFICATION:

136917-HLM-00-XX-DR-L-00-0001

Ref	Orig	Zone	Level	Type	Role	Classification	Change No.
SCALE @ A0: 1:500					REV: P008		
CONTRACT NUMBER: 136917					DATE: 06/03/19		
SUITABILITY: S2							

1:500 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320 330 340 350 360 370 380 390 400 410 420 430 440 450 460 470 480 490 500 510 520 530 540 550 560 570 580 590 600 610 620 630 640 650 660 670 680 690 700 710 720 730 740 750 760 770 780 790 800 810 820 830 840 850 860 870 880 890 900 910 920 930 940 950 960 970 980 990 1000 1010 1020 1030 1040 1050 1060 1070 1080 1090 1100 1110 1120 1130 1140 1150 1160 1170 1180 1190 1200 1210 1220 1230 1240 1250 1260 1270 1280 1290 1300 1310 1320 1330 1340 1350 1360 1370 1380 1390 1400 1410 1420 1430 1440 1450 1460 1470 1480 1490 1500 1510 1520 1530 1540 1550 1560 1570 1580 1590 1600 1610 1620 1630 1640 1650 1660 1670 1680 1690 1700 1710 1720 1730 1740 1750 1760 1770 1780 1790 1800 1810 1820 1830 1840 1850 1860 1870 1880 1890 1900 1910 1920 1930 1940 1950 1960 1970 1980 1990 2000 2010 2020 2030 2040 2050 2060 2070 2080 2090 2100 2110 2120 2130 2140 2150 2160 2170 2180 2190 2200 2210 2220 2230 2240 2250 2260 2270 2280 2290 2300 2310 2320 2330 2340 2350 2360 2370 2380 2390 2400 2410 2420 2430 2440 2450 2460 2470 2480 2490 2500 2510 2520 2530 2540 2550 2560 2570 2580 2590 2600 2610 2620 2630 2640 2650 2660 2670 2680 2690 2700 2710 2720 2730 2740 2750 2760 2770 2780 2790 2800 2810 2820 2830 2840 2850 2860 2870 2880 2890 2900 2910 2920 2930 2940 2950 2960 2970 2980 2990 3000 3010 3020 3030 3040 3050 3060 3070 3080 3090 3100 3110 3120 3130 3140 3150 3160 3170 3180 3190 3200 3210 3220 3230 3240 3250 3260 3270 3280 3290 3300 3310 3320 3330 3340 3350 3360 3370 3380 3390 3400 3410 3420 3430 3440 3450 3460 3470 3480 3490 3500 3510 3520 3530 3540 3550 3560 3570 3580 3590 3600 3610 3620 3630 3640 3650 3660 3670 3680 3690 3700 3710 3720 3730 3740 3750 3760 3770 3780 3790 3800 3810 3820 3830 3840 3850 3860 3870 3880 3890 3900 3910 3920 3930 3940 3950 3960 3970 3980 3990 4000 4010 4020 4030 4040 4050 4060 4070 4080 4090 4100 4110 4120 4130 4140 4150 4160 4170 4180 4190 4200 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General Notes:

All drawings to be read in conjunction with architects and engineers drawings.

Do not scale this drawing - If in doubt contact the technical office.

All dimensions & levels to be confirmed prior to commencement of on-site installation and ordering of materials.

The SFS installation must be carried out using Ash & Lacy components and fixings, any substitution of Ash & Lacy products will result in invalidation of the warranty.

Drawings will be issued for construction once approved, do not proceed with construction until this drawing clearly states "CONSTRUCTION ISSUE".

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OVERSAIL WIND CLEAT 140 -----
AWC.140.30 X SITE DIM, 1NO. CLEAT FIXED AT GENERAL STUD & 2NO. AT JAMB.

FIXING CLEAT TO SFS WITH 3NO. ASHFIX LS25 TEK SCREWS.

FIXING CLEAT TO HOT ROLLED STEEL WITH 3NO. ASHFIX HS38 TEK SCREWS.

FIXING CLEAT TO CONCRETE WITH 2NO. HILTI HVU2 HAS-5.8 M10x90/21.

Z BAR -----
Z BAR REQUIRED AT HEAD OF EACH STUD/JAMB.
Z BAR REQUIRED AT BASE OF EACH JAMB & AT 0.3M CNTRS .

FIXING Z BAR TO HOT ROLLED STEEL WITH 2NO. HS38 TEK SCREWS.

FIXING Z BAR TO CONCRETE AT BASE WITH 2NO. MF45 ANCHORS. Z BAR MINIMUM BEARING REQUIRED ONTO CONCRETE OF 200MM.

FIXING Z BAR TO SFS WITH 2NO. LP19 TEK SCREWS.

SLOTTED ANGLE SECTION -----
AA.100.100.20S SLOTTED ANGLE FIXED TO SFS WITH 3NO. LP19 TEK SCREWS.

FIXING ANGLE TO PURLIN/CHS WITH 2NO. HS38 TEK SCREWS.

P02	DRAWING REVISED	FA	SC	03.03.20
P01	FIRST ISSUE	FA	SC	14.02.20

Rev	Description	Drawn	Checked	Date
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Drawing Status:
PRELIMINARY



BROMFORD LANE WEST BROMWICH WEST
MIDLANDS B70 7JJ TEL: 0121 525 1444 OPTION:6
FAX: 0121 525 3444 WWW.ASHANDLACY.COM

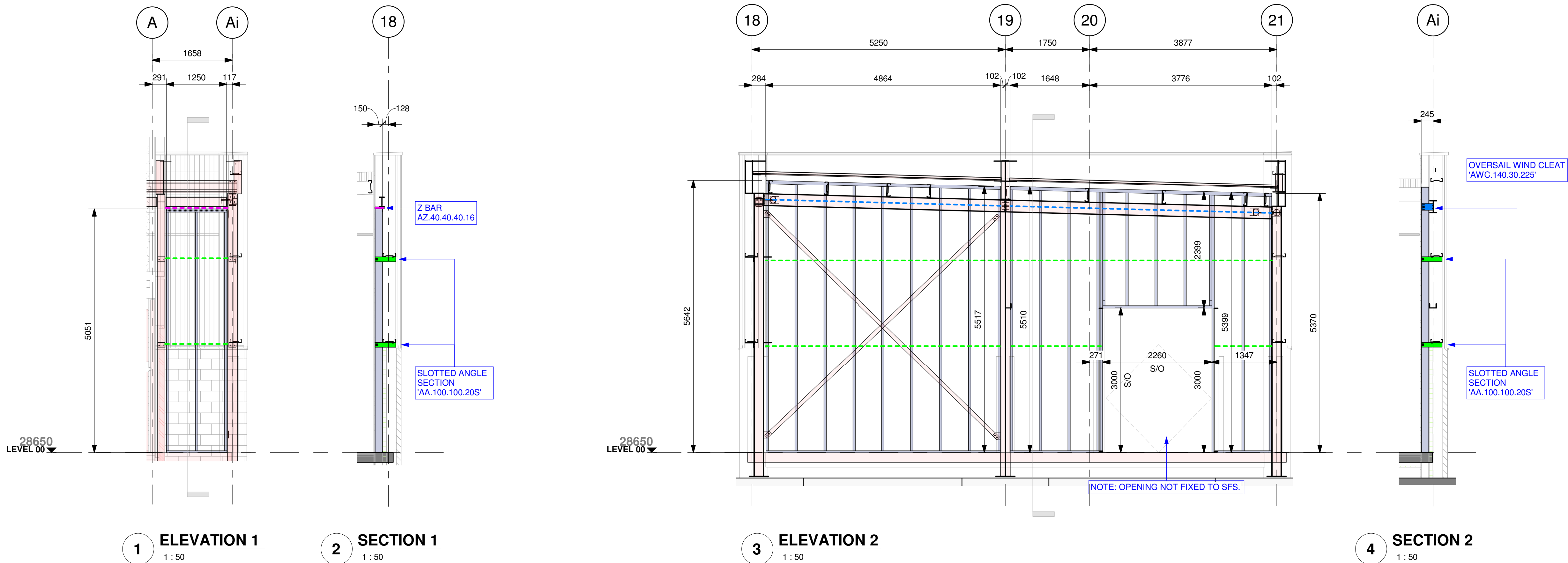
Client :
CALEDONIAN MODULAR

Project : SP27295
HAYGROVE SCHOOL, SPORTS HALL

Drawing Title :
ELEVATION - (GL) A-Ai ON 18 & 18-21 ON Ai

Drawn By: FA	Checked By: SC	Date : 10.02.20
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Scale : As indicated	@ A1	
Drawing No : 136917-ASH-ZZ-XX-DR-X-20-0001	Rev: P02	



WIND LOADINGS

WIND PRESSURE	0.911	kN/m²
WIND SUCTION	-1.106	kN/m²

DEAD LOADINGS

BRICKWORK	0.000	kN/m²
CLADDING	0.000	kN/m²
BLOCKWORK	0.000	kN/m²

DEFLECTION RATIO SPAN/360

ALL LOADINGS SUBJECT TO CONFIRMATION
BY PROJECT STRUCTURAL ENGINEER

FRAMING SYSTEM SPECIFICATION

GENERAL STUD	-	AC.150.050.120
@ 600 CTRS		
BASE TRACK	-	AU.154.040.120
HEAD TRACK	-	AU.154.070.180S

STUDS SPACED AT 600mm CNTRS UNLESS
STATED OTHERWISE ON DRAWING

STEEL FRAMING SYSTEM DESIGN NOTES - READ IN CONJUNCTION WITH STANDARD DETAILS

FIXING SPECIFICATION

FRAMING CONNECTION FIXINGS

ALL FRAMING CONNECTIONS TO BE MADE IN
ACCORDANCE WITH THE STANDARD DETAIL
USING LP19 SELF DRILLING TEK SCREWS

TRACK TO CONCRETE FIXINGS

FIXING OF TRACK(S) TO CONCRETE WITH 1NO.
MF45 ASHFIX CONCRETE ANCHOR @ EACH
GENERAL STUD (2NO. @ JAMBS)

TRACK TO STEEL FIXING

FIXING OF TRACK(S) TO STEEL WITH 1NO.
HS38 ASHFIX SELF DRILLING TEK SCREWS
@ EACH GENERAL STUD (2NO. @ JAMBS)

OPENING CONSTRUCTION

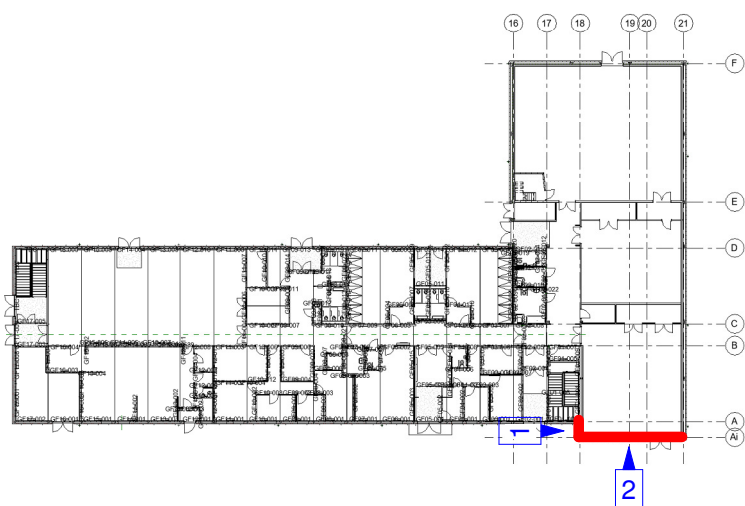
UNMARKED OPENINGS

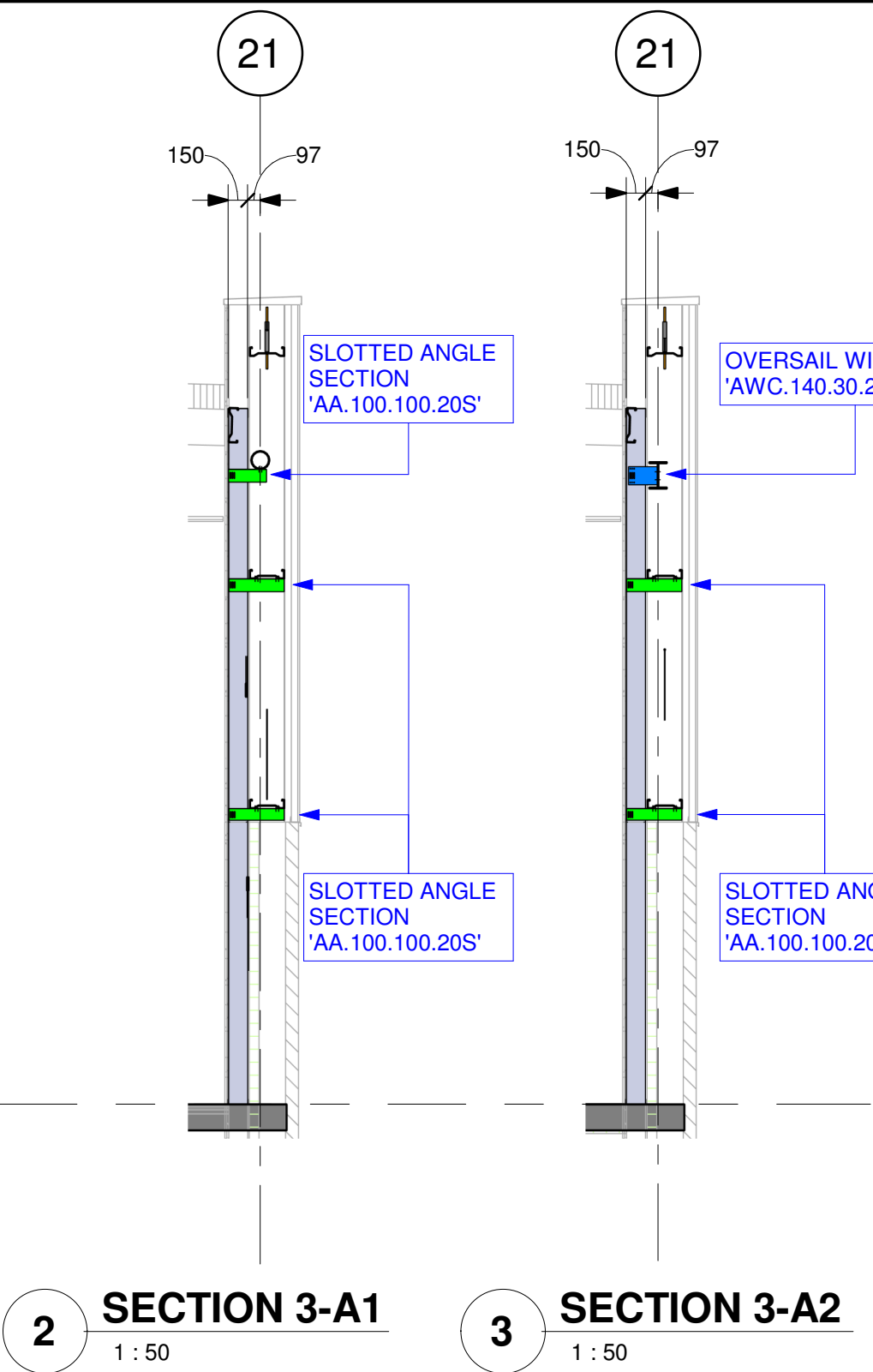
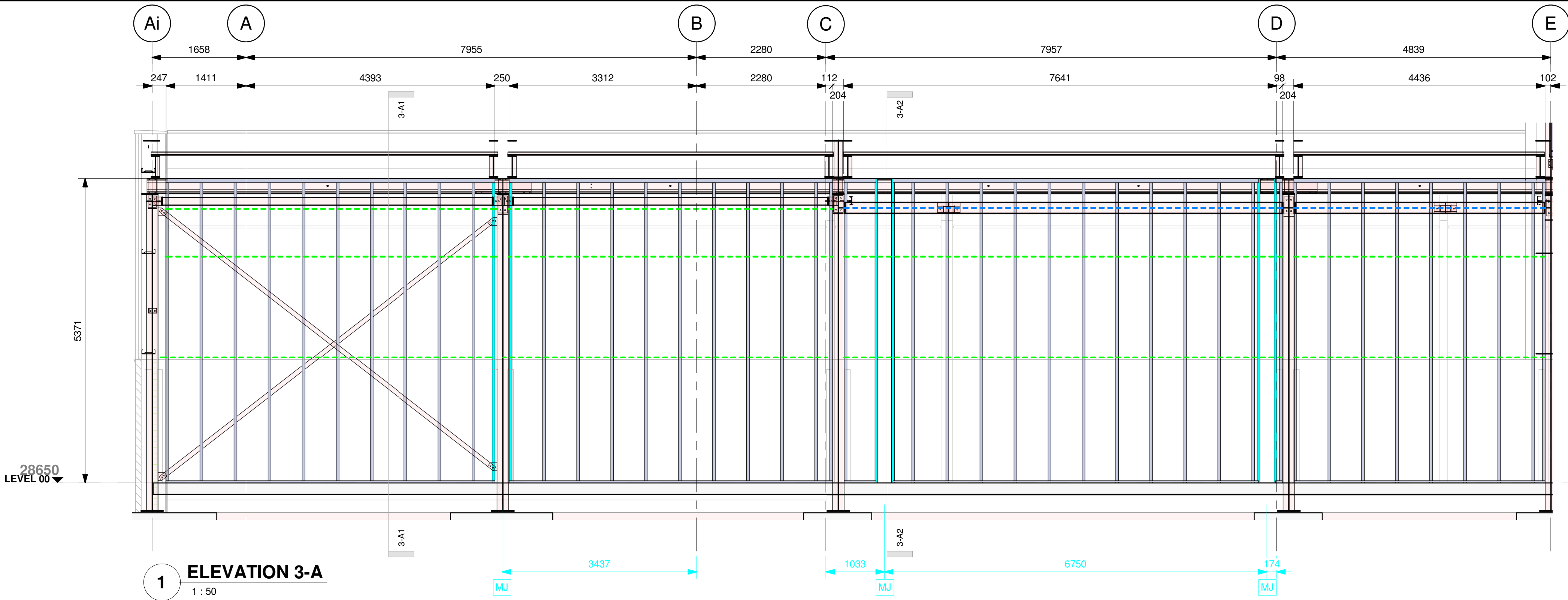
JAMBS	-	AC.150.050.120
LINTEL	-	AU.154.070.200
CILL	-	N/A

ADDITIONAL INFORMATION

- FULL HEIGHT GLAZING, NO LOADS TRANSFERRED TO SFS
- TIMBER PACKER BY OTHERS
- DENOTES BRICK TIE STUD SET 150MM FROM JAMB STUD
- ADDITIONAL STUDS
- MOVEMENT JOINT

LOCATION PLAN





General Notes:

All drawings to be read in conjunction with architects and engineers drawings.

Do not scale this drawing - If in doubt contact the technical office.

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SLOTTED ANGLE SECTION - - - - -
AA.100.100.20S SLOTTED ANGLE FIXED TO SFS WITH 3NO. LP19 TEK SCREWS.

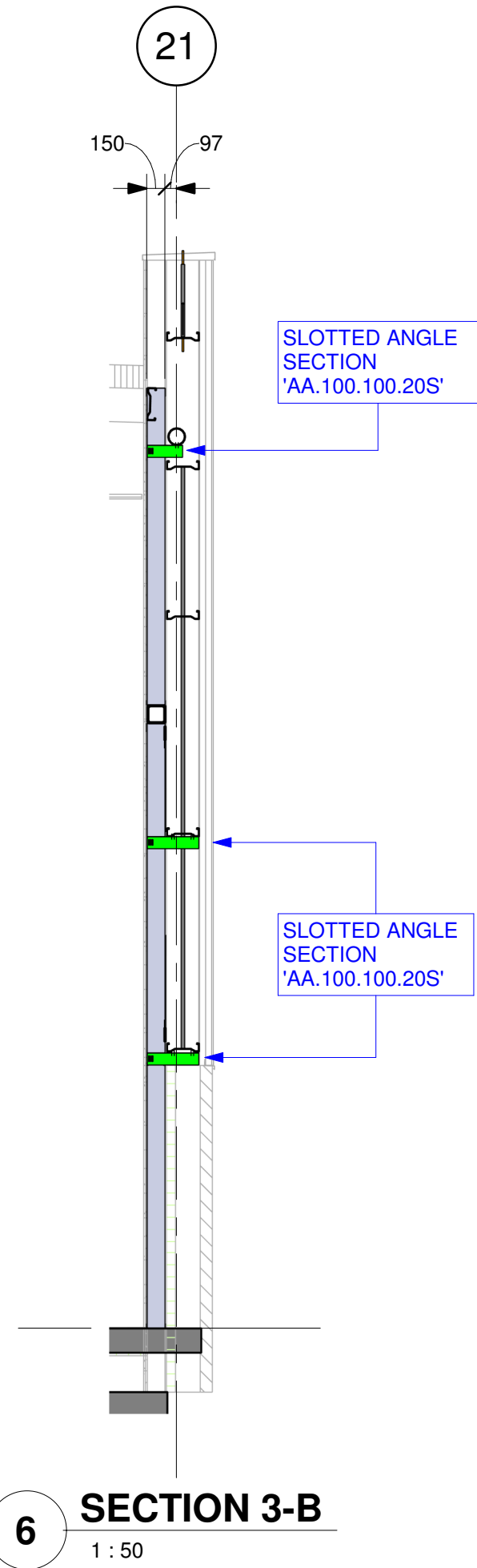
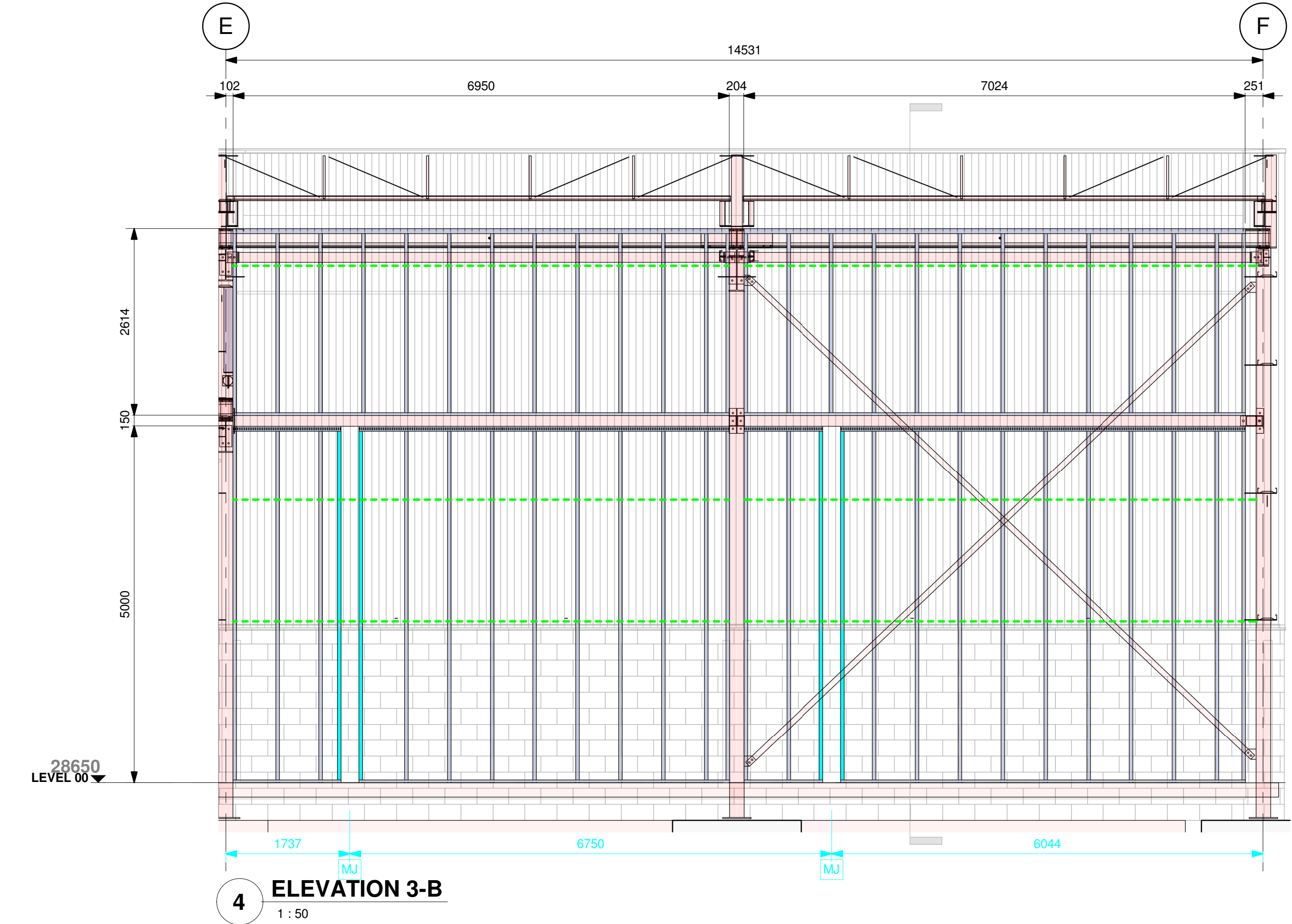
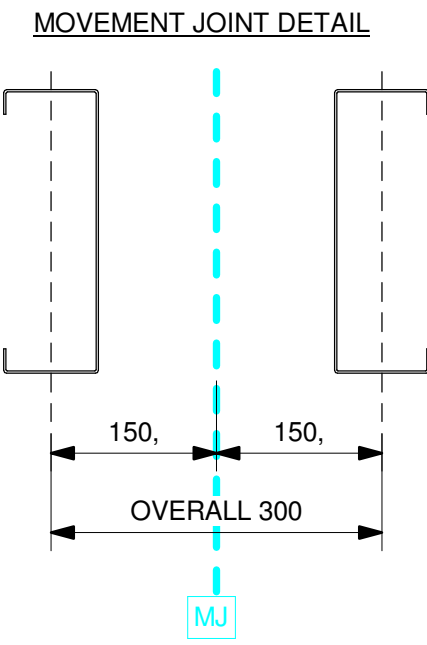
FIXING ANGLE TO PURLIN/CHS WITH 2NO. HS38 TEK SCREWS.

OVERSAIL WIND CLEAT 140 - - - - -
AWC.140.30 X SITE DIM, 1NO. CLEAT FIXED AT GENERAL STUD & 2NO. AT JAMB.

FIXING CLEAT TO SFS WITH 3NO. ASHFIX LS25 TEK SCREWS.

FIXING CLEAT TO HOT ROLLED STEEL WITH 3NO. ASHFIX HS38 TEK SCREWS.

FIXING CLEAT TO CONCRETE WITH 2NO. HILTI HVU2 HAS-5.8 M10x90/21.



WIND LOADINGS

WIND PRESSURE	0.911	kN/m ²
WIND SUCTION	-1.106	kN/m ²

DEAD LOADINGS

BRICKWORK	0.000	kN/m ²
CLADDING	0.000	kN/m ²
BLOCKWORK	0.000	kN/m ²

DEFLECTION RATIO SPAN/360

ALL LOADINGS SUBJECT TO CONFIRMATION BY PROJECT STRUCTURAL ENGINEER

FRAMING SYSTEM SPECIFICATION

GENERAL STUD	-	AC.150.050.120 @ 600 CTRS
BASE TRACK	-	AU.154.040.120
HEAD TRACK	-	AU.154.070.180S

STUDS SPACED AT 600mm CNTRS UNLESS STATED OTHERWISE ON DRAWING

STEEL FRAMING SYSTEM DESIGN NOTES - READ IN CONJUNCTION WITH STANDARD DETAILS

FIXING SPECIFICATION

FRAMING CONNECTION FIXINGS

ALL FRAMING CONNECTIONS TO BE MADE IN ACCORDANCE WITH THE STANDARD DETAIL USING LP19 SELF DRILLING TEK SCREWS

TRACK TO CONCRETE FIXINGS

FIXING OF TRACK(S) TO CONCRETE WITH 1NO. MF45 ASHFIX CONCRETE ANCHOR @ EACH GENERAL STUD (2NO. @ JAMBS)

TRACK TO STEEL FIXING

FIXING OF TRACK(S) TO STEEL WITH 1NO. HS38 ASHFIX SELF DRILLING TEK SCREWS @ EACH GENERAL STUD (2NO. @ JAMBS)

OPENING CONSTRUCTION

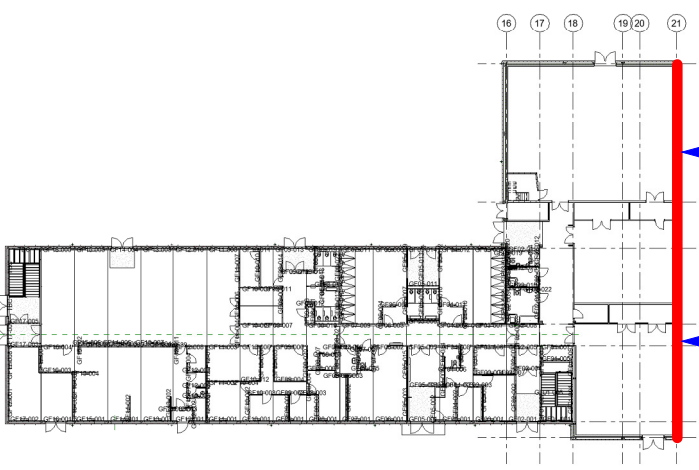
UNMARKED OPENINGS

JAMBS	-	AC.150.050.120
LINTEL	-	AU.154.070.200
CILL	-	N/A

ADDITIONAL INFORMATION

- FULL HEIGHT GLAZING, NO LOADS TRANSFERRED TO SFS
- TIMBER PACKER BY OTHERS
- DENOTES BRICK TIE STUD SET 150MM FROM JAMB STUD
- ADDITIONAL STUDS
- MOVEMENT JOINT

LOCATION PLAN



P02	DRAWING REVISED	FA	SC	03.03.20
P01	FIRST ISSUE	FA	SC	14.02.20
Rev	Description	Drawn	Checked	Date

Drawing Status:
PRELIMINARY



BROMFORD LANE WEST BROMWICH WEST
MIDLANDS B70 7JJ TEL: 0121 525 1444 OPTION:6
FAX: 0121 525 3444 WWW.ASHANDLACY.COM

Client :
CALEDONIAN MODULAR

Project : SP27295
HAYGROVE SCHOOL, SPORTS HALL

Drawing Title :
ELEVATION - (GL) A1-F ON 21

Drawn By: FA	Checked By: SC	Date : 10.02.20
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Scale : As indicated @ A1	
Drawing No : 136917-ASH-ZZ-XX-DR-X-20-0002	
Rev: P02	

General Notes:

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OVERSAIL WIND CLEAT 140 -----
AWC.140.30 X SITE DIM, 1NO. CLEAT FIXED AT GENERAL STUD & 2NO. AT JAMB.

FIXING CLEAT TO SFS WITH 3NO. ASHFIX LS25 TEK SCREWS.

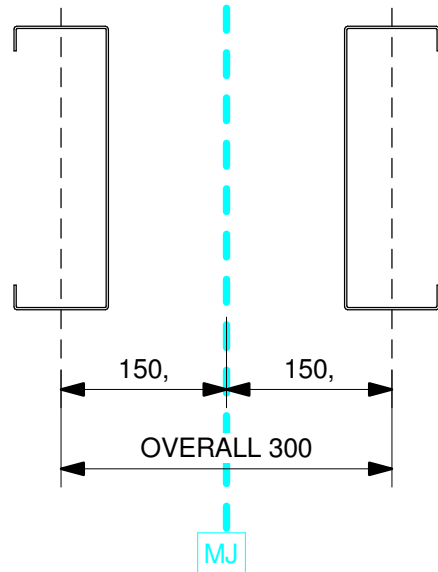
FIXING CLEAT TO HOT ROLLED STEEL WITH 3NO. ASHFIX HS38 TEK SCREWS.

FIXING CLEAT TO CONCRETE WITH 2NO. HILT HVU2 HAS-5.8 M10x90/21.

SLOTTED ANGLE SECTION -----
AA.100.100.20S SLOTTED ANGLE FIXED TO SFS WITH 3NO. LP19 TEK SCREWS.

FIXING ANGLE TO PURLIN/CHS WITH 2NO. HS38 TEK SCREWS.

MOVEMENT JOINT DETAIL



P02	DRAWING REVISED	FA	SC	03.03.20
P01	FIRST ISSUE	FA	SC	14.02.20
Rev	Description	Drawn	Checked	Date

Drawing Status:
PRELIMINARY



BROMFORD LANE WEST BROMWICH WEST
MIDLANDS B70 7JJ TEL: 0121 525 1444 OPTION:6
FAX: 0121 525 3444 WWW.ASHANDLACY.COM

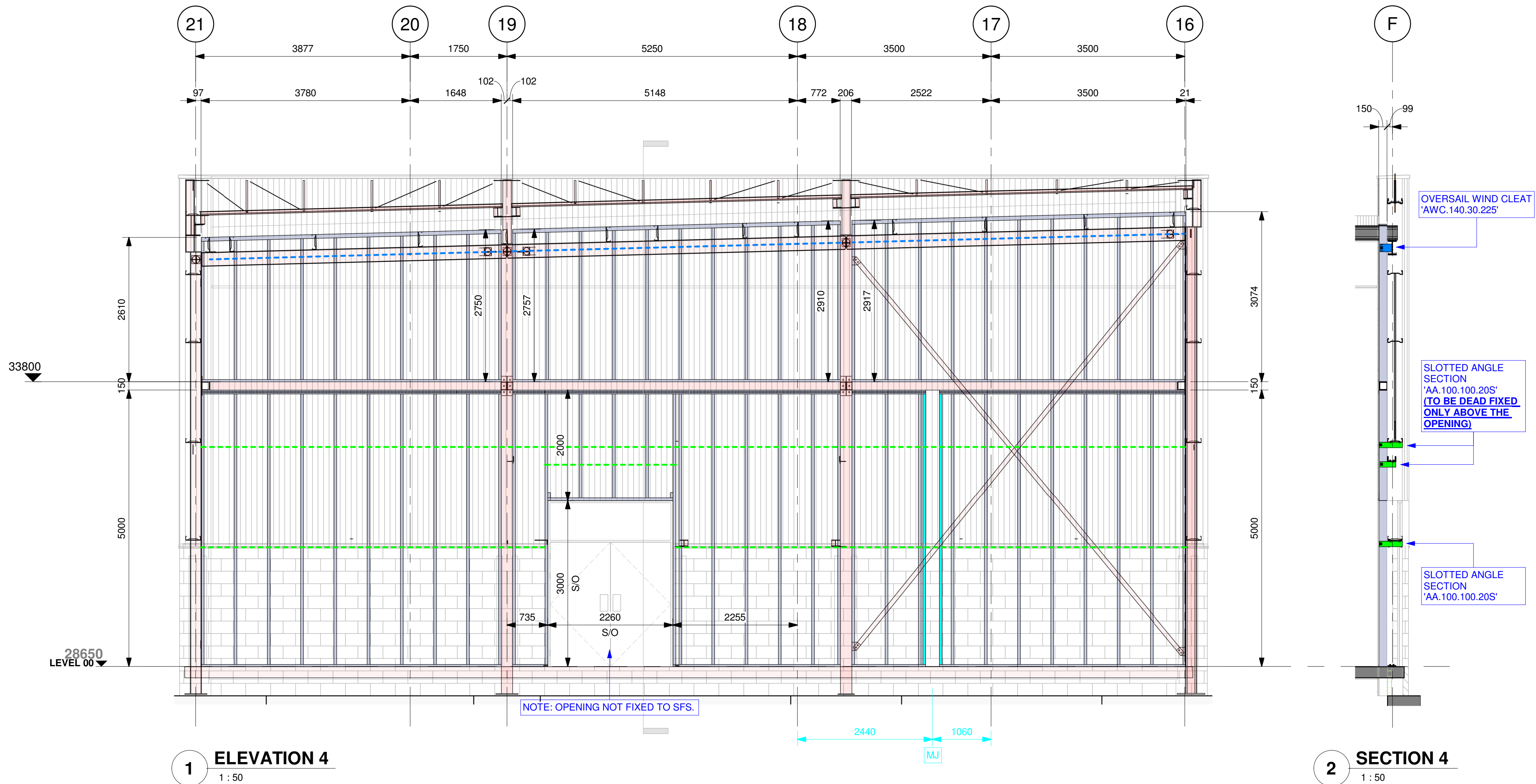
Client :
CALEDONIAN MODULAR

Project : SP27295
HAYGROVE SCHOOL, SPORTS HALL

Drawing Title :
ELEVATION - (GL) 21-16 ON F

Drawn By:	Checked By:	Date :
FA	SC	10.02.20

Scale : As indicated	@ A1	
Drawing No : 136917-ASH-ZZ-XX-DR-X-20-0003	Rev: P02	



STEEL FRAMING SYSTEM DESIGN NOTES - READ IN CONJUNCTION WITH STANDARD DETAILS

FIXING SPECIFICATION

FRAMING CONNECTION FIXINGS
ALL FRAMING CONNECTIONS TO BE MADE IN ACCORDANCE WITH THE STANDARD DETAIL USING LP19 SELF DRILLING TEK SCREWS

TRACK TO CONCRETE FIXINGS
FIXING OF TRACK(S) TO CONCRETE WITH 1NO. MF45 ASHFIX CONCRETE ANCHOR @ EACH GENERAL STUD (2NO. @ JAMBS)

TRACK TO STEEL FIXING
FIXING OF TRACK(S) TO STEEL WITH 1NO. HS38 ASHFIX SELF DRILLING TEK SCREWS @ EACH GENERAL STUD (2NO. @ JAMBS)

OPENING CONSTRUCTION

UNMARKED OPENINGS
JAMBS - AC.150.050.120
LINTEL - AU.154.070.200
CILL - N/A

WIND LOADINGS

WIND PRESSURE	0.911	kN/m²
WIND SUCTION	-1.106	kN/m²

DEAD LOADINGS

BRICKWORK	0.000	kN/m²
CLADDING	0.000	kN/m²
BLOCKWORK	0.000	kN/m²

DEFLECTION RATIO SPAN/360

ALL LOADINGS SUBJECT TO CONFIRMATION BY PROJECT STRUCTURAL ENGINEER

FRAMING SYSTEM SPECIFICATION

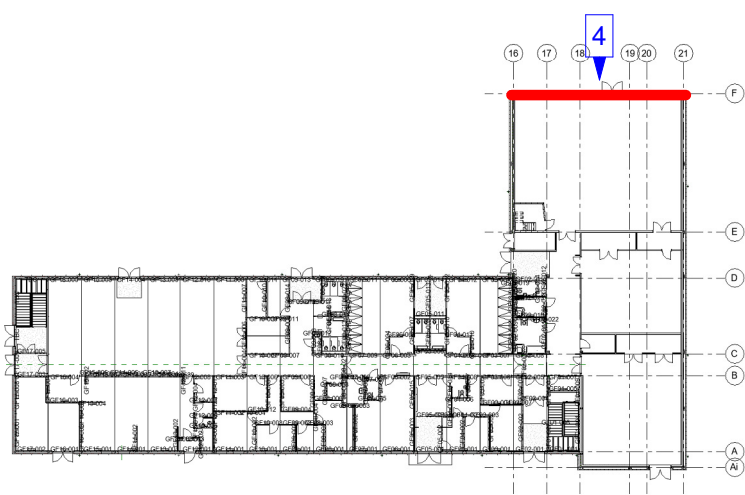
GENERAL STUD	-	AC.150.050.120
@ 600 CTRS		
BASE TRACK	-	AU.154.040.120
HEAD TRACK	-	AU.154.070.180S

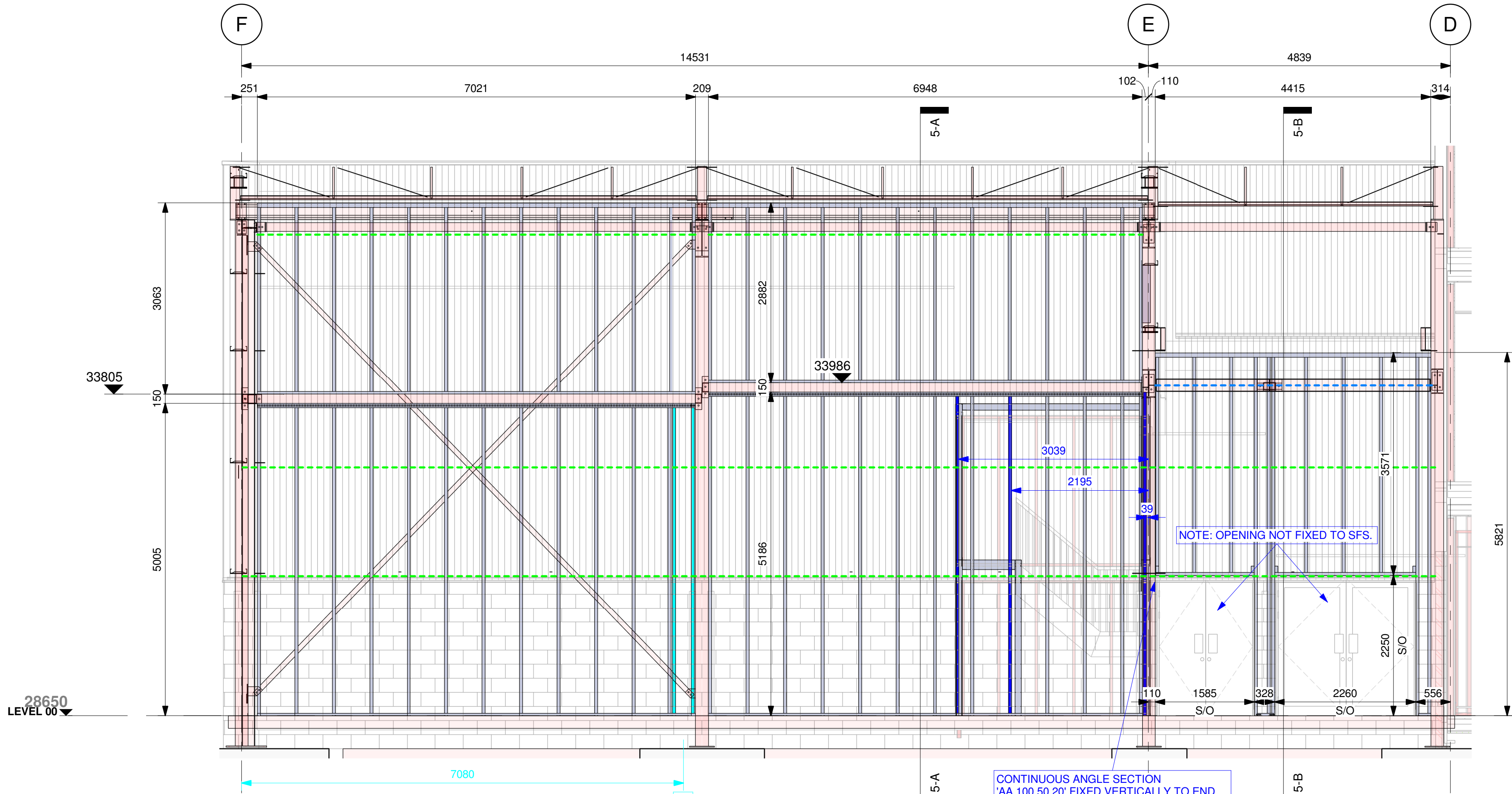
STUDS SPACED AT 600mm CNTRS UNLESS STATED OTHERWISE ON DRAWING

ADDITIONAL INFORMATION

- FULL HEIGHT GLAZING, NO LOADS TRANSFERRED TO SFS
- TIMBER PACKER BY OTHERS
- DENOTES BRICK TIE STUD SET 150MM FROM JAMB STUD
- ADDITIONAL STUDS
- MOVEMENT JOINT

LOCATION PLAN





1 ELEVATION 5
1 : 50

2 SECTION 5-A
1 : 50

5 SECTION 5-B
1 : 50

General Notes:
All drawings to be read in conjunction with architects and engineers drawings.
Do not scale this drawing - If in doubt contact the technical office.
All dimensions & levels to be confirmed prior to commencement of on-site installation and ordering of materials.
The SFS installation must be carried out using Ash & Lacy components and fixings, any substitution of Ash & Lacy products will result in invalidation of the warranty.
Drawings will be issued for construction once approved, do not proceed with construction until this drawing clearly states "CONSTRUCTION ISSUE".
This drawing is copyrighted, reproduction or duplication of this drawing without the consent of Ash & Lacy Solutions Ltd is prohibited.

OVERSAIL DEAD CLEAT - - - - -
AWC.140.30 X SITE DIM, 1NO. CLEAT FIXED AT GENERAL STUD & 2NO. AT JAMB.

FIXING CLEAT TO SFS WITH 2NO. ASHFIX LS25 TEK SCREWS.

FIXING CLEAT TO HOT ROLLED STEEL WITH 3NO. ASHFIX HS38 TEK SCREWS.

FIXING CLEAT TO CONCRETE WITH 2NO. HILTI HVU2 HAS-5.8 M10x90/21.

SLOTTED ANGLE SECTION - - - - -
AA.100.100.20S SLOTTED ANGLE FIXED TO SFS WITH 3NO. LP19 TEK SCREWS.

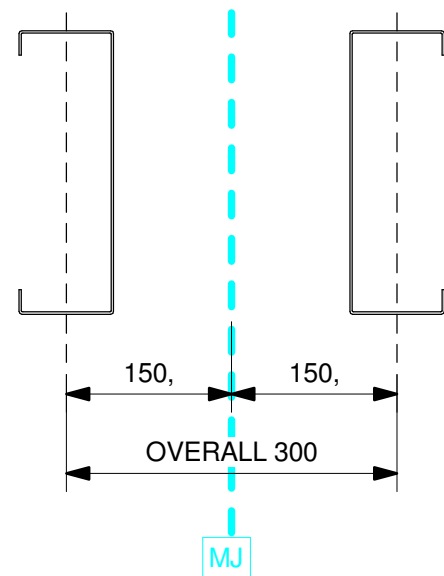
FIXING ANGLE TO PURLIN/CHS WITH 2NO. HS38 TEK SCREWS.

CLEAT - AHC88L - - - - -
FIXING CLEAT TO SFS WITH 2 NO. LP19 TEK SCREWS.

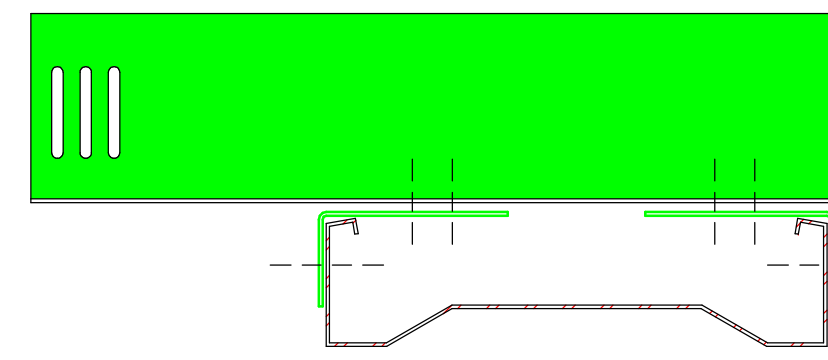
FIXING CLEAT TO HOT ROLLED STEEL WITH 2NO. HS38 TEK SCREWS.

FIXING CLEAT CONCRETE WITH 2NO. MF45 ASHFIX CONCRETE ANCHORS.

MOVEMENT JOINT DETAIL



DETAIL A



2NO. CONTINUOUS ANGLE SECTIONS 'AA.100.050.20' FIXED TO PURLIN.
SLOTTED ANGLE TO FIX INTO EACH ANGLE WITH 2NO. LP19 TEK SCREWS.

C02	DRAWING REVISED	AC	SC	24.03.20
C01	DRAWING REVISED	FA	SC	06.03.20
P02	DRAWING REVISED	FA	SC	03.03.20
P01	FIRST ISSUE	FA	SC	14.02.20

Rev	Description	Drawn	Checked	Date

Drawing Status:
CONSTRUCTION



BROMFORD LANE WEST BROMWICH WEST
MIDLANDS B70 7JJ TEL: 0121 525 1444 OPTION:6
FAX: 0121 525 3444 WWW.ASHANDLACY.COM

Client :
CALEDONIAN MODULAR

Project : SP27295
HAYGROVE SCHOOL, SPORTS HALL

Drawing Title :
ELEVATION - (GL) F-D ON 16 & 16-21 ON E

Drawn By: FA
Checked By: SC
Date: 10.02.20

Scale: As indicated @ A1
Drawing No: 136917-ASH-ZZ-XX-DR-X-20-0004
Rev: C02

WIND LOADINGS
WIND PRESSURE 0.911 kN/m²
WIND SUCTION -1.106 kN/m²

DEAD LOADINGS
BRICKWORK 0.000 kN/m²
CLADDING 0.000 kN/m²
BLOCKWORK 0.000 kN/m²
DEFLECTION RATIO SPAN/360

ALL LOADINGS SUBJECT TO CONFIRMATION
BY PROJECT STRUCTURAL ENGINEER

FRAMING SYSTEM SPECIFICATION

GENERAL STUD - AC.150.050.120 @ 600 CTRS
BASE TRACK - AU.154.040.120
HEAD TRACK - AU.154.070.180S

STUDS SPACED AT 600mm CNTRS UNLESS STATED OTHERWISE ON DRAWING

STEEL FRAMING SYSTEM DESIGN NOTES - READ IN CONJUNCTION WITH STANDARD DETAILS

FIXING SPECIFICATION

FRAMING CONNECTION FIXINGS

ALL FRAMING CONNECTIONS TO BE MADE IN ACCORDANCE WITH THE STANDARD DETAIL USING LP19 SELF DRILLING TEK SCREWS

TRACK TO CONCRETE FIXINGS

FIXING OF TRACK(S) TO CONCRETE WITH 1NO. MF45 ASHFIX CONCRETE ANCHOR @ EACH GENERAL STUD (2NO. @ JAMBS)

TRACK TO STEEL FIXING

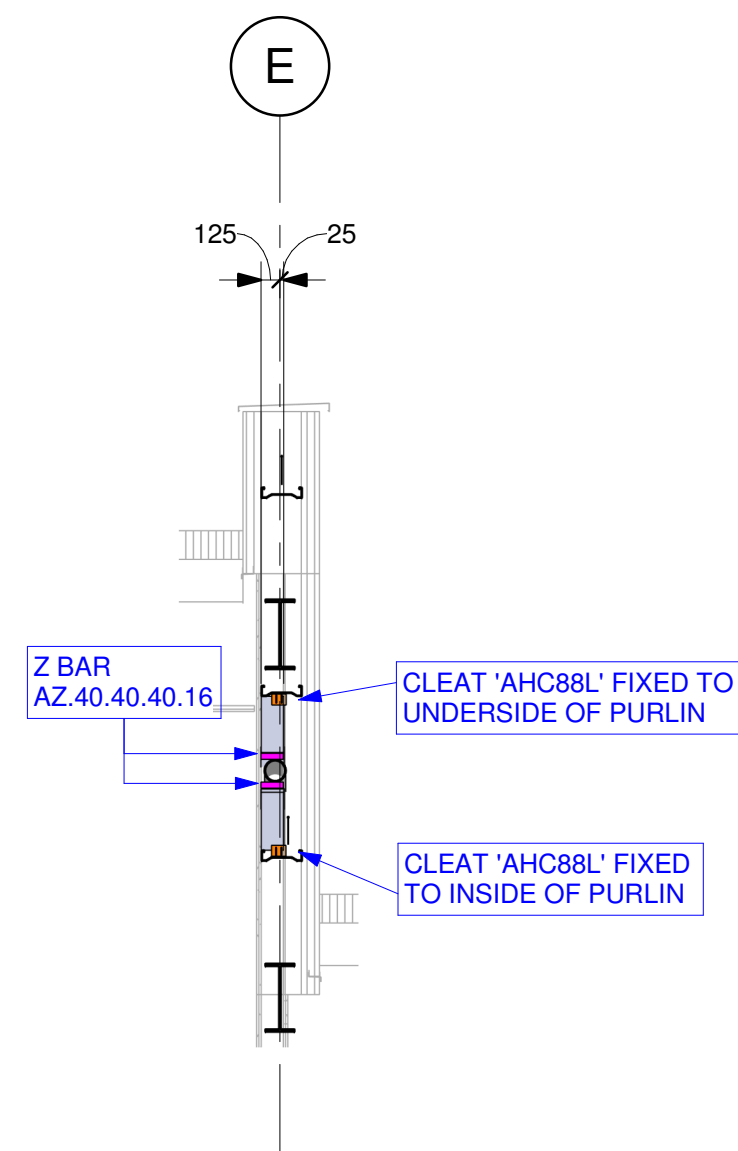
FIXING OF TRACK(S) TO STEEL WITH 1NO. HS38 ASHFIX SELF DRILLING TEK SCREWS @ EACH GENERAL STUD (2NO. @ JAMBS)

OPENING CONSTRUCTION

UNMARKED OPENINGS

JAMBS - AC.150.050.120
LINTEL - AU.154.070.200
CILL - N/A

4 SECTION 6
1 : 50



ADDITIONAL INFORMATION

- FULL HEIGHT GLAZING, NO LOADS TRANSFERRED TO SFS
- TIMBER PACKER BY OTHERS
- DENOTES BRICK TIE STUD SET 150MM FROM JAMB STUD
- ADDITIONAL STUDS
- MOVEMENT JOINT

LOCATION PLAN

