

Structural Engineering - INSTALLATION CERTIFICATE

ADDRESS:	Alex Avenue Public School, Farmland Drive, Schofields NSW				
PROJECT:	Alex Avenue Public School – Blocks A, B1, B2, C				
I, <u>DRAGAN KOCEV</u> of <u>D&A CONSULTING GROUP PTY LTD</u> (Name) (company) 1318 PLENTY ROAD, BUNDOORA VIC 3083 (Address)					
My Qualifications, accreditations, licenses are as follows:					
Qualifications and Experience:	BACHELOR OF ENGINEERING				
	STRUCTURAL ENGINEER				
	Licence No. (NSW): BPB-3242, Licence No. (VIC): EC-15920				
Phone Numbers:	Bus:	(03) 9466 7127	Fax:		Mob: 0413 990 167
Hereby certify:					
That the following elements / service/s or works have been inspected during construction: Structural Engineering					
Have been installed/completed in accordance with the following measures/requirements to comply with: - The relevant clauses of the Building Codes of Australia, as follows: - NCC/BCA 2016 Amendment 1 Part B1, Part C, Spec C1.1 (Type B Construction) - The design detail submitted at the construction approval stage - The relevant Australian Standards listed in the Building Code of Australia (Specification A1.3) as follows: - AS 1170.0-2002, AS 1170.1- 2002, AS 1170.2-2011, AS 1170.4-2007, AS 3990-1993, AS 4100-1998 - The following additional Australian Standards (if applicable): - Other practices, standards or reports (Fire Safety Engineers reports, Disabled Access reports or the like) relied upon or that alter the BCA or Australian standards listed for this certification: Fire Safety Engineering report issued by BCA Logic, Rev 5, Ref No 110468, dated 4/9/2019					
I am satisfied that the structural works is deemed to comply with the final design drawings and that the drawings listed on the Inspection Certificate have been checked with those listed on the issued Design Certificate.					
Drawings Nos: 490: 5-00A, 5-01A 490B1: 5-00C 490B2: 5-00C, 5-01C 490C: 5-00D					

f. Exclusions: YES ☒ NO

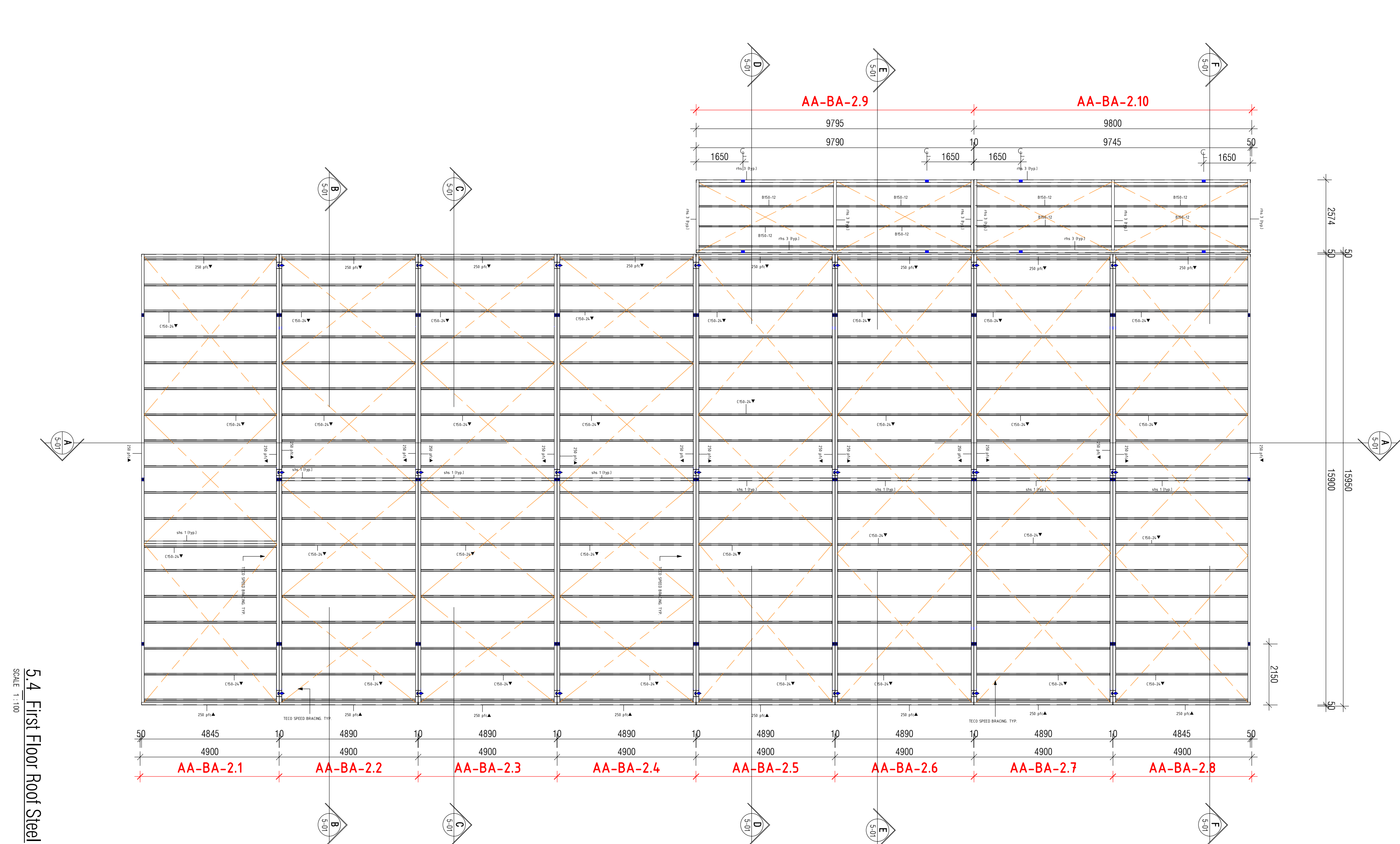
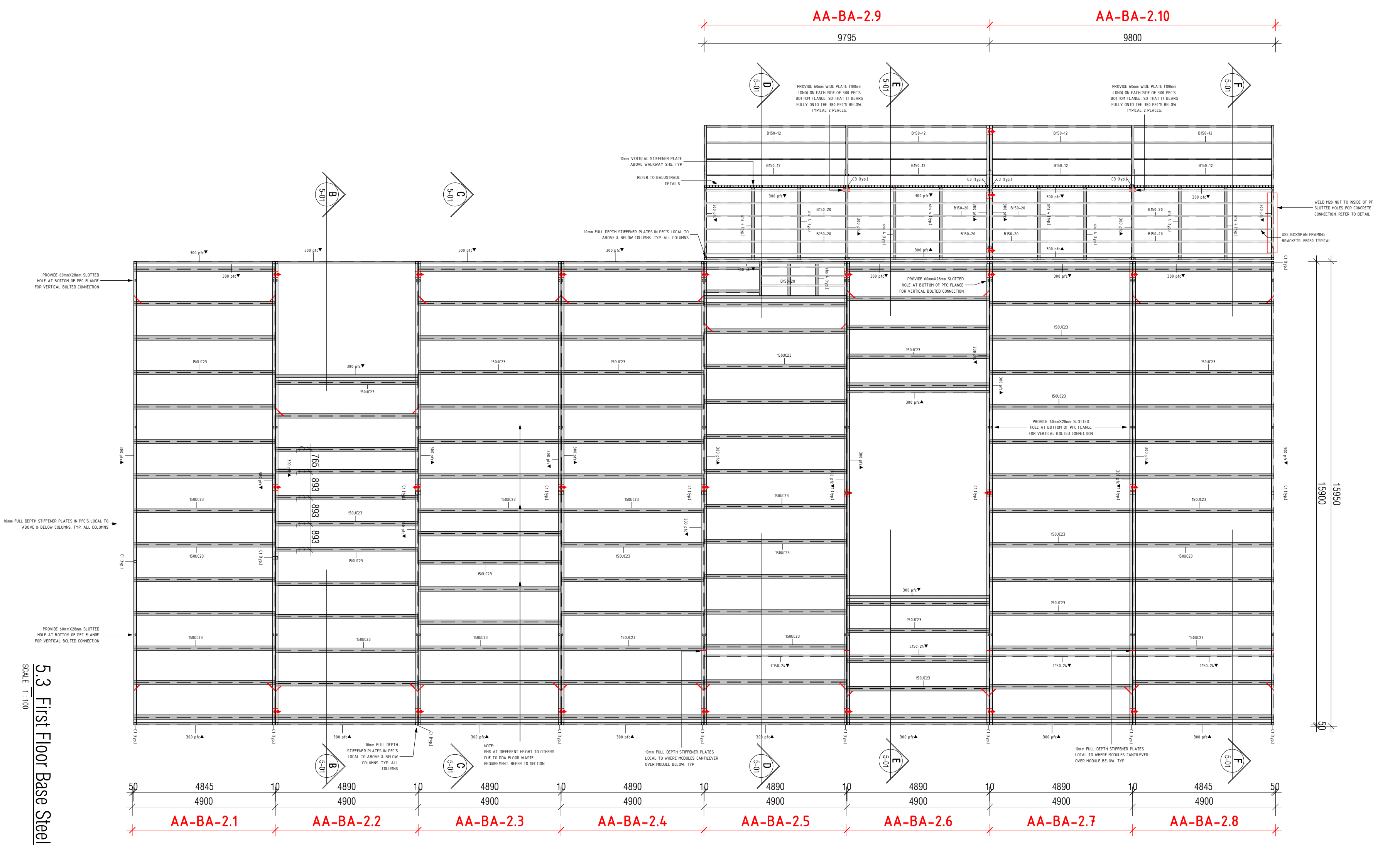
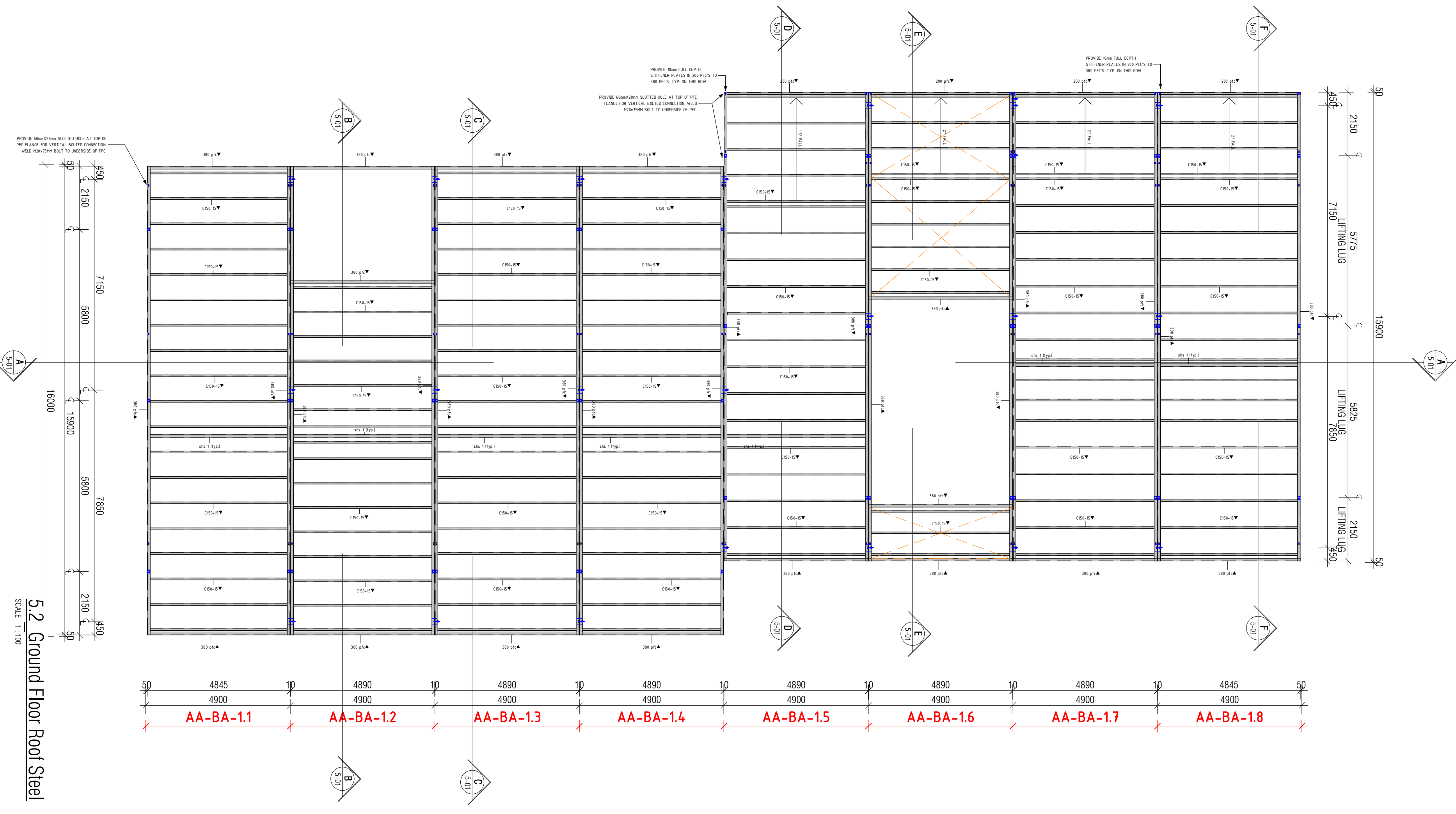
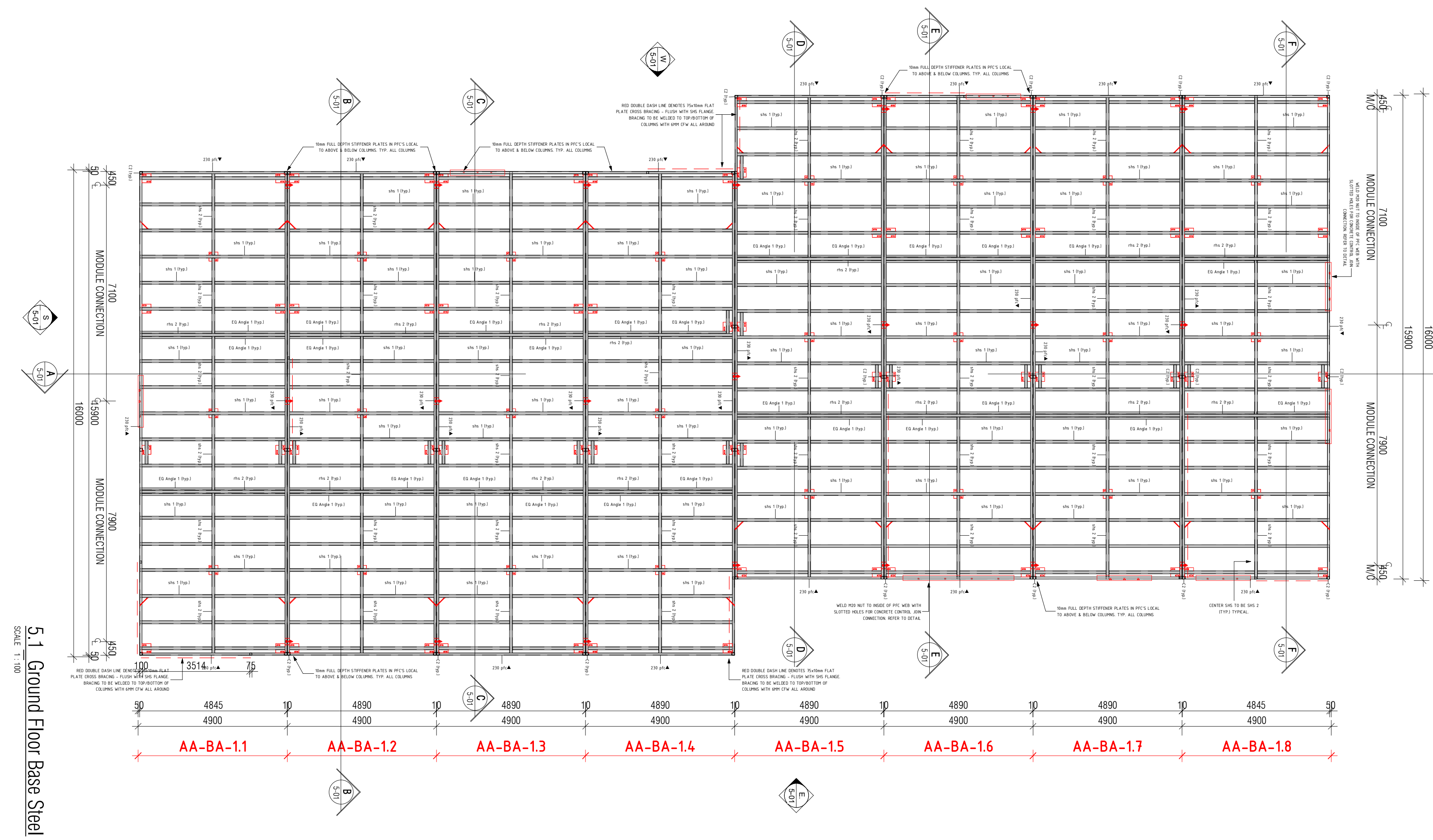
I am a properly qualified person and have a good working knowledge of the standards referenced above. The information contained in this statement is true and accurate to the best of my knowledge.

Signature:

A handwritten signature in black ink, appearing to be 'J. P. Smith', written over a horizontal line.

Date:

11/01/2021



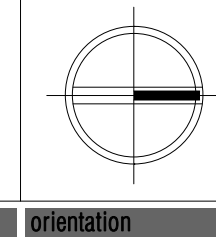
BASE COMPONENTS	
	SD124 PACKING PLATE
	SD134 TIE DOWN BAR
	SD135 BASE PLATE
	SD138/01 MODULE CONNECTION
	S50/02 MODULE CONNECTION
ROOF COMPONENTS	
	SD126/03 TOP LIFTING LUG
	SD133/02 MODULE CONNECTION - ANGLE
	SD136/04 LIFTING LUG - ON STUB
	R8 x 50 x 5.0 SHS STUB SUPPORT
	SD133/01 MODULE CONNECTION
	M20 PIN MODULE CONNECTION
	LINE OF ROOF CLEATS
	LINE OF PURLIN BRIDGES
	LINE OF CROSS BRACINGS
	10mm FULL DEPTH STIFF PLATE
MEMBER SCHEDULE	
IC45 11	Circular Hollow Section Column 100x6mm shs
IC2	Column - 80x8x5mm shs
IC2	Column - 100x60x6mm shs
IC3	Column - 75x75x5mm shs
IC4	Column - 100x60x6mm shs
DR11	Dropper - 80x8x5mm shs
ITC	Temporary Column
	Direction of PFC Joins
Isha 11	Square Hollow Sections 100x100x5mm shs
Isha 21	Square Hollow Sections 100x100x6mm shs
Isha 31	Square Hollow Sections 125x125x5mm shs
Isha 41	Square Hollow Sections 100x100x6mm shs
Isha 11	Rectangular Hollow Sections 100x60x6mm shs
Isha 21	Rectangular Hollow Sections 200x100x6mm shs
Isha 31	Rectangular Hollow Sections 150x100x6mm shs
Isha angle 11	Equal Angle 75x75x5mm
IB100-101	Boxspan 100x50x15mm
IB150-121	Boxspan 150x50x12mm
IB150-201	Boxspan 150x50x20mm
IC50-151	Purlin 150x50x15mm
IC50-191	Purlin 150x50x19mm
IC50-241	Purlin 150x50x24mm
IS10UC21	Universal Column 50mm - 23.4kg/m
ICROSS BRACING	75x40 FLAT BAR

NOTE:
Steel Frame to be finished with 2nd coat of Blue Metalshield QD Primer, in Black
Refer to Coastal Notes for Marine Coating requirements

PS	STEEL PRELIMINARY	25.03.19	KT
PA	STEEL PRELIMINARY	25.03.19	KT
P3	STEEL PRELIMINARY	19.03.19	KT
P2	STEEL PRELIMINARY	25.02.19	KT
P1	PRELIMINARY	25.01.19	KT
AL	STEEL CONSTRUCTION	25.03.19	KT
User description		000	Initials

This drawing and the information shown hereon is the property of Modscape Holdings including all subsidiaries and may not be used for any other purpose than that for which this drawing is supplied. Any other use, copying or reproduction of all or part of this drawing is prohibited without the written consent of Modscape.

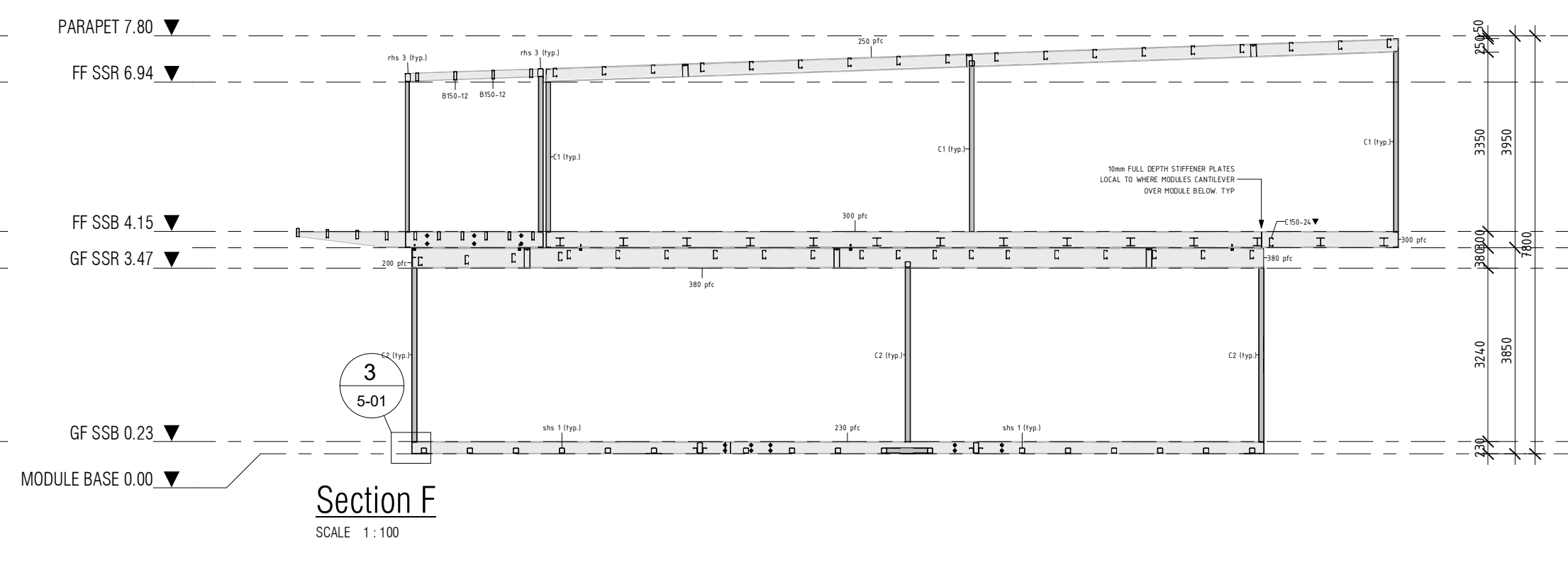
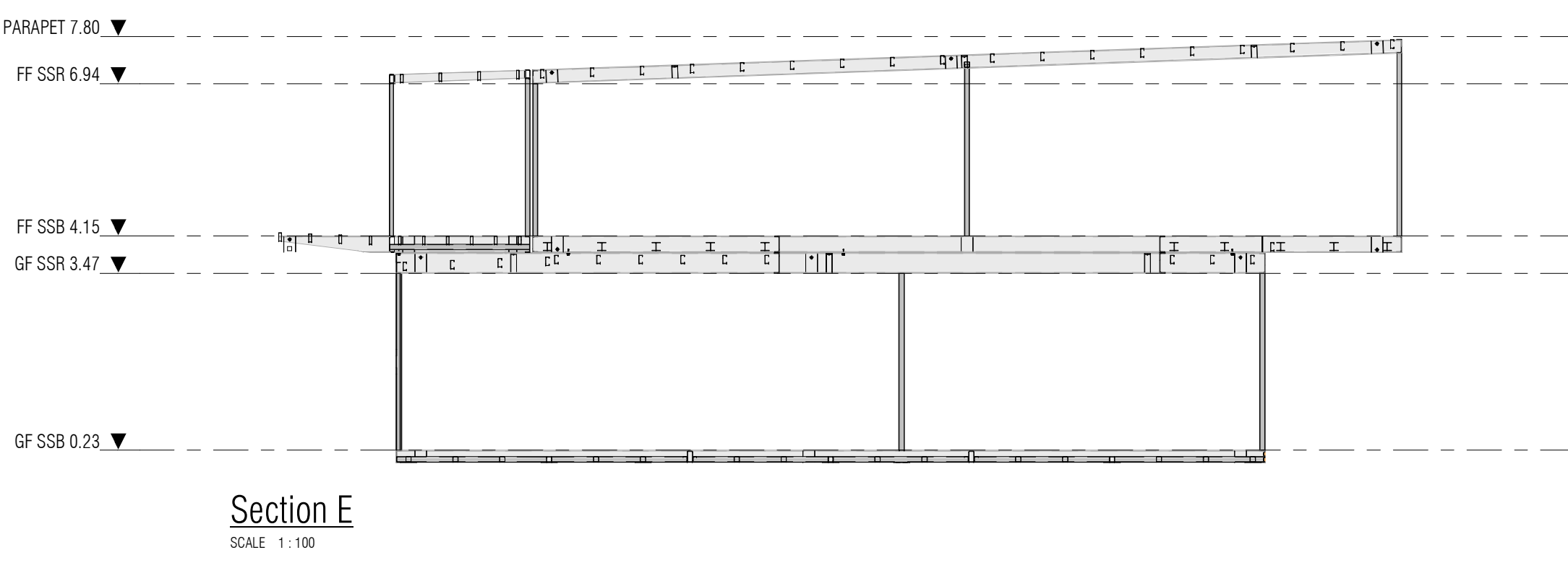
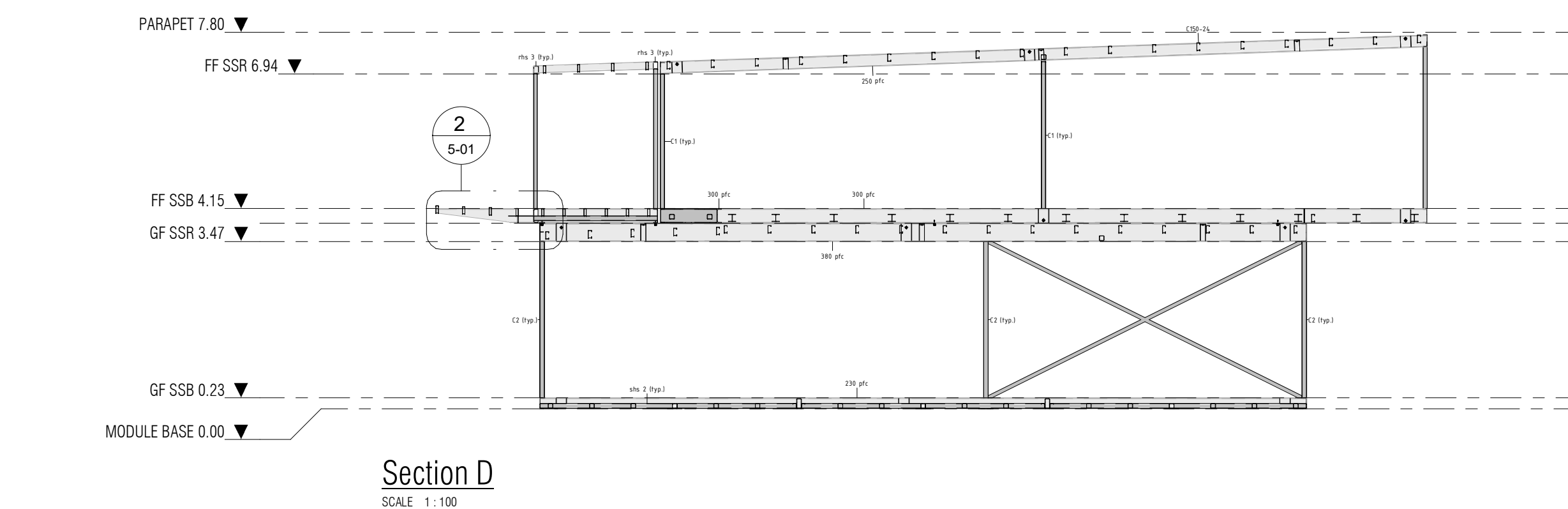
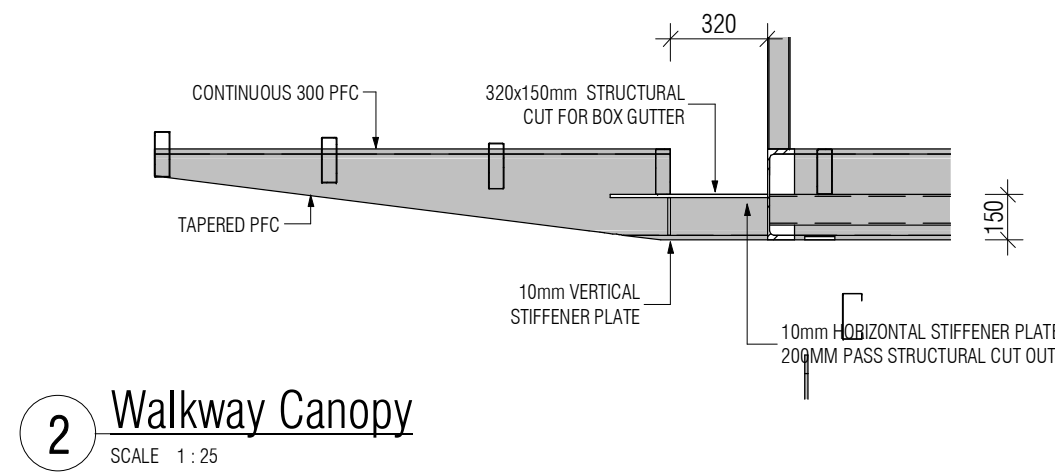
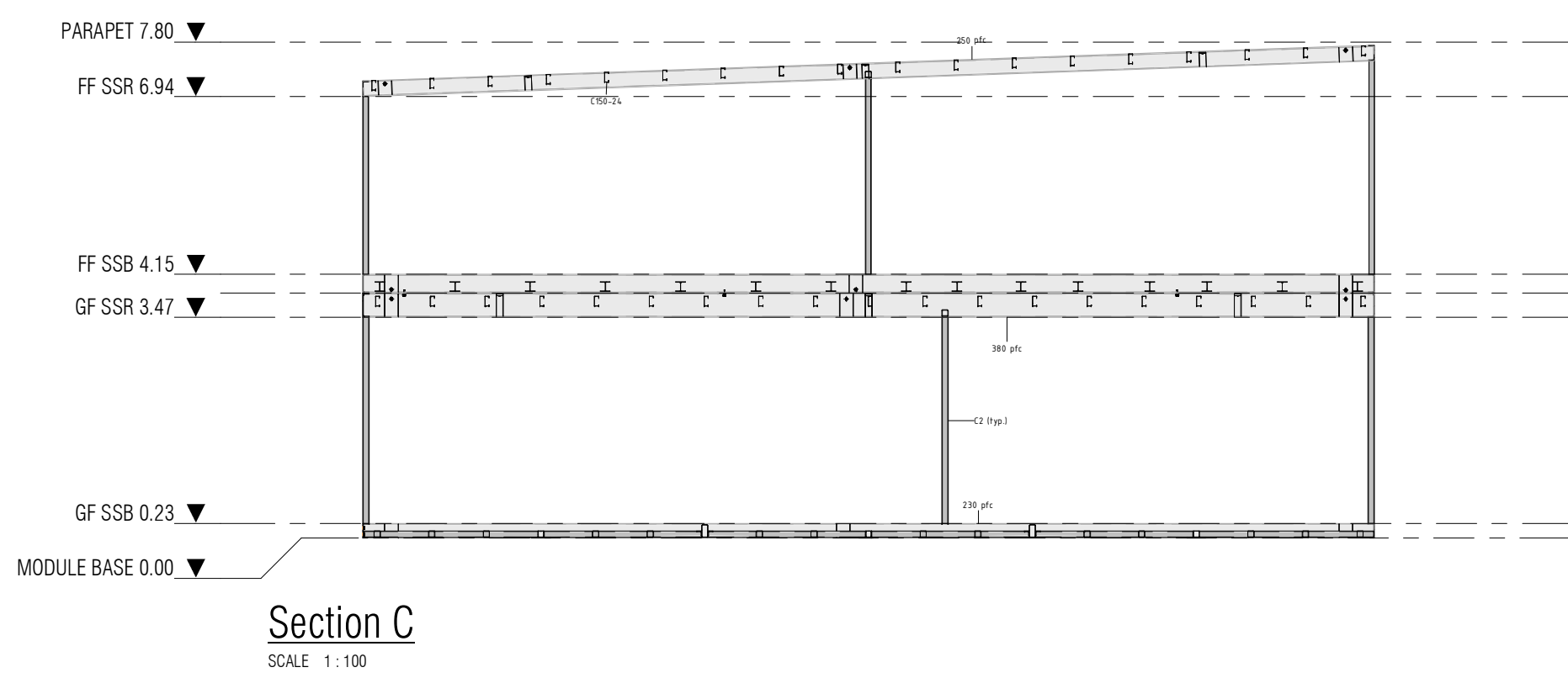
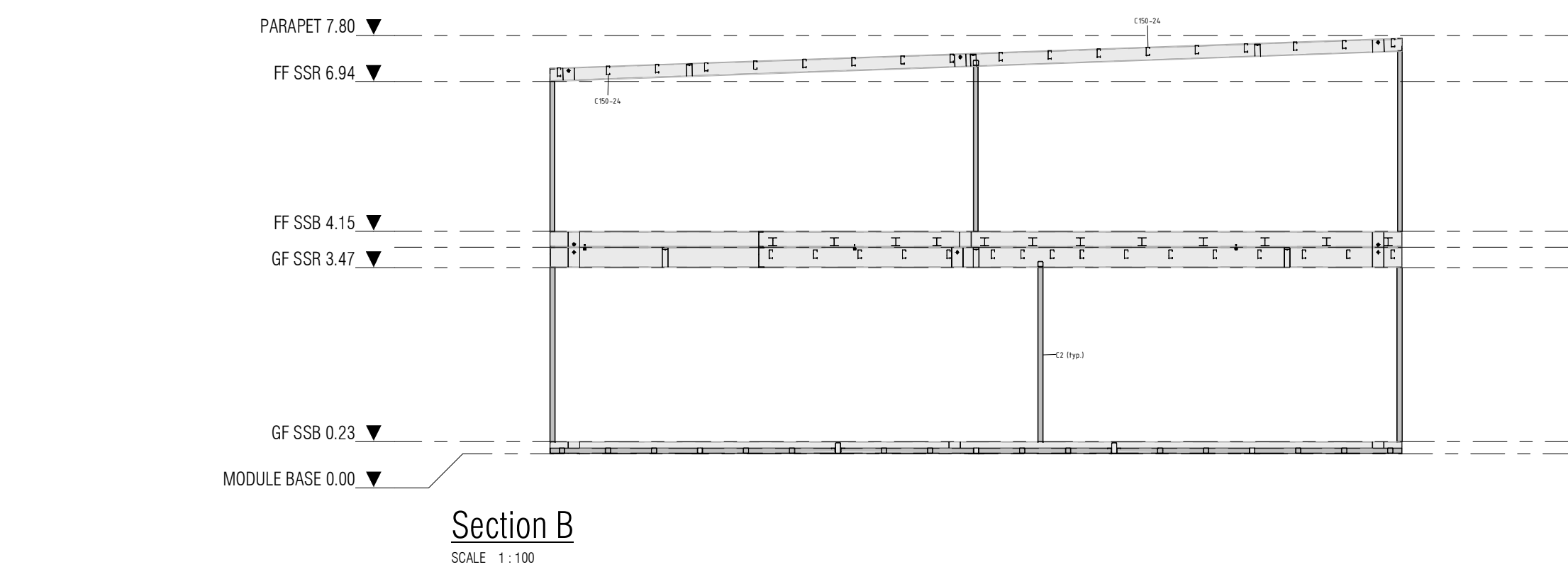
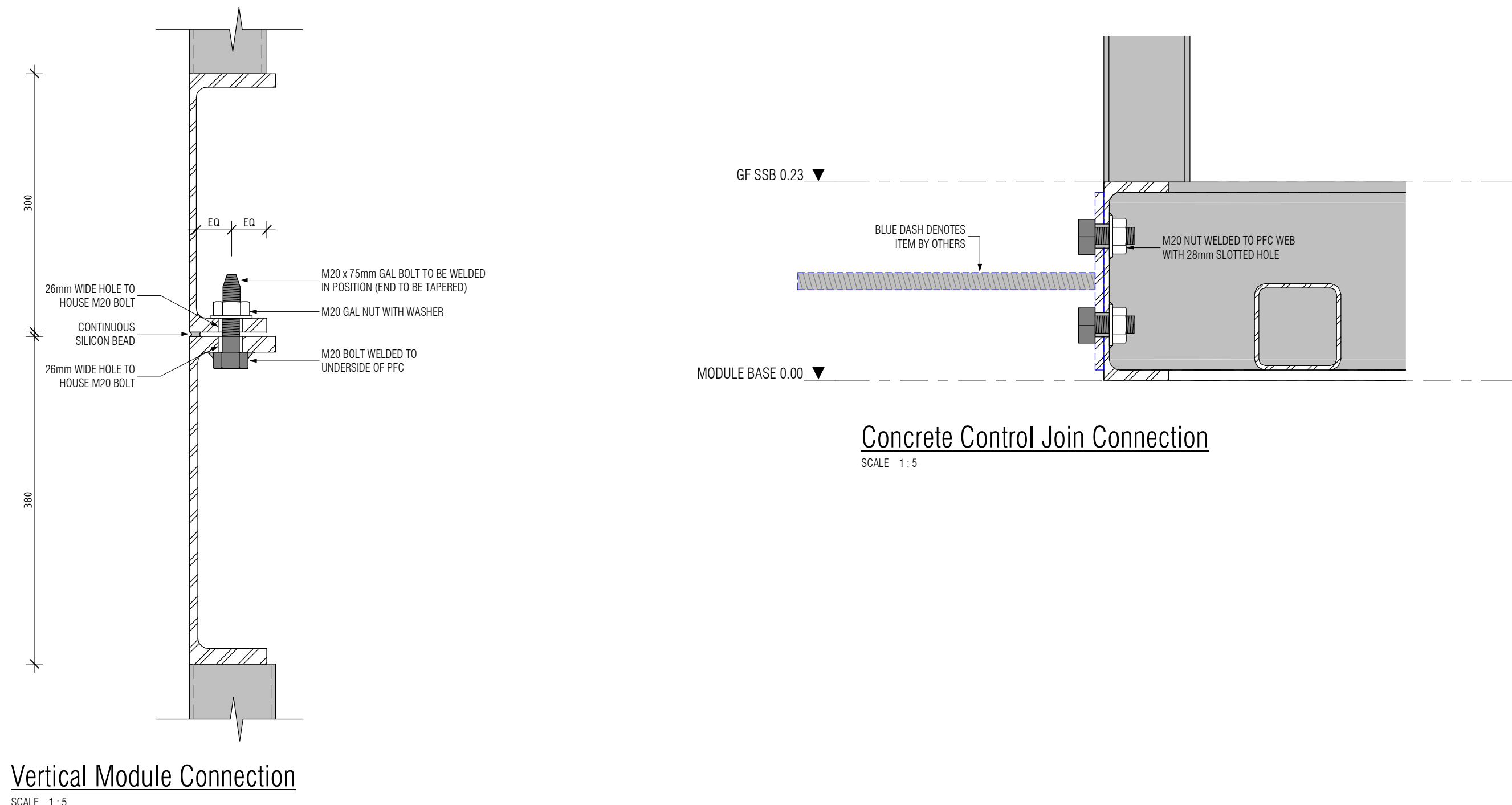
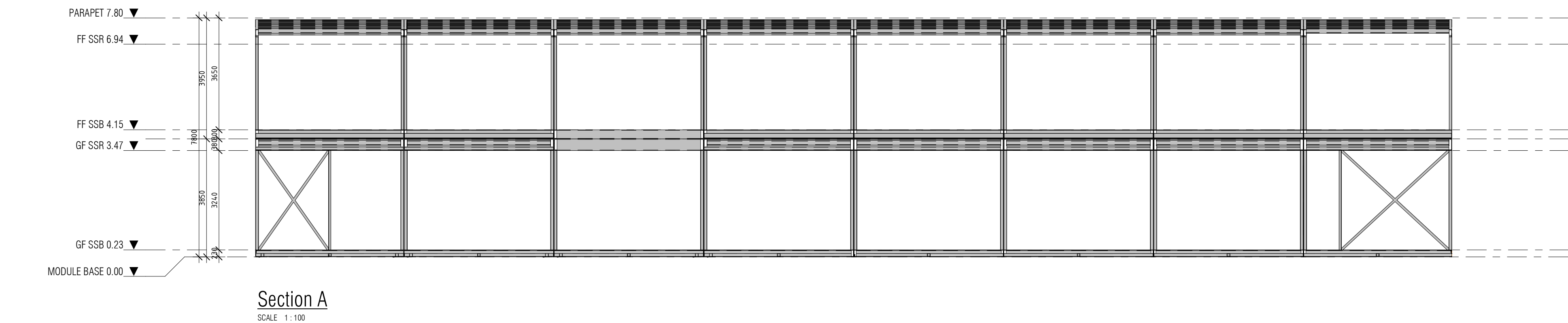
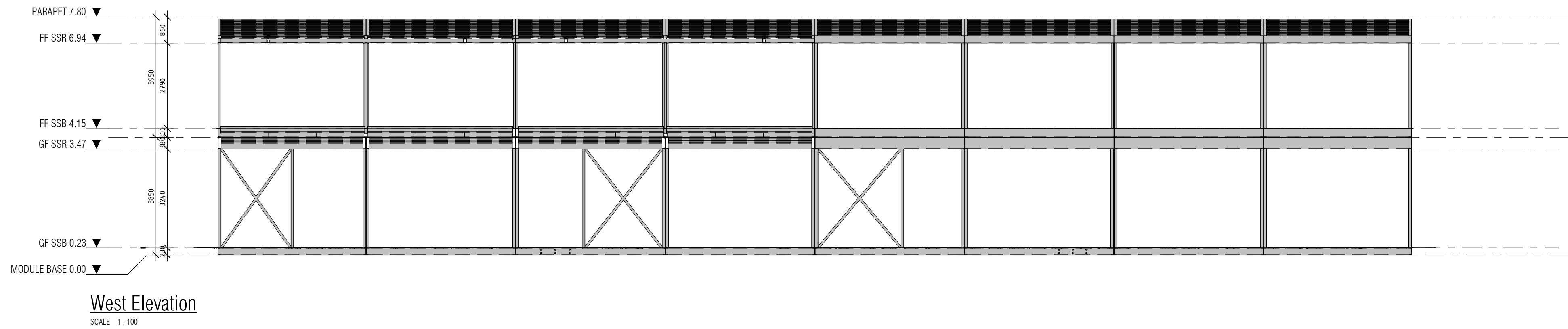
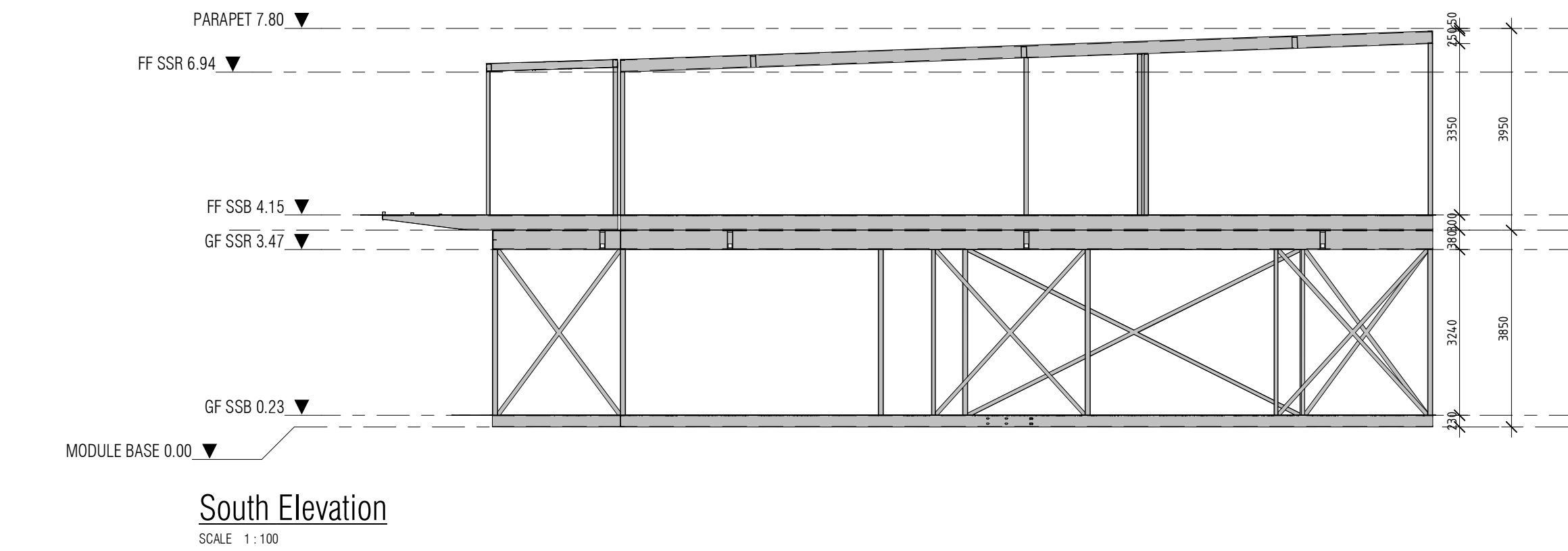
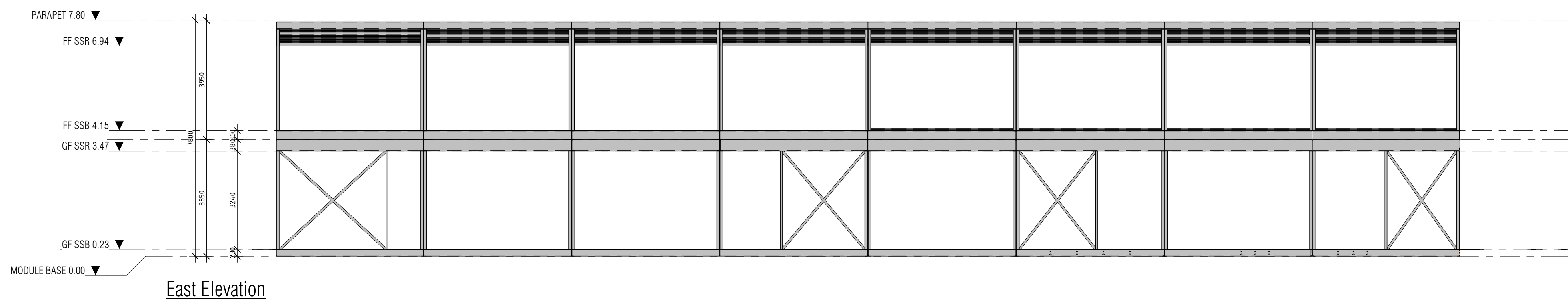
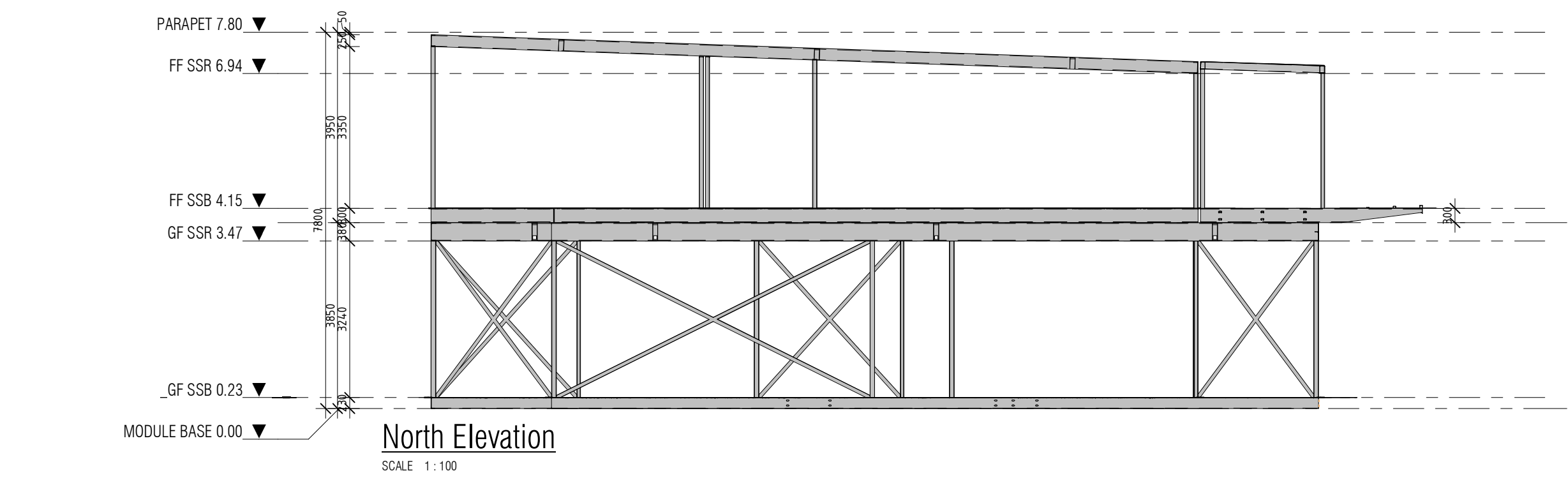
MODSCAPE.
430 Francis Street, Boxley, VIC 3012 PH 03 94 7769



NSW Government
Alex Avenue Primary School
Pelican Road, Schofields, NSW 2762

Steel Set
Structural Steel Plans -
BLOCK A
KT MAR 2019
Scale Met Ref

Drawing No.
5-00
As indicated
Revision
A
490
A/N



BASE COMPONENTS	
SDS4	PACKING PLATE
SDS4	TE DOWN BAR
SDS5	BASE PLATE
SDS18/P1	MODULE CONNECTION
SSD/02	MODULE CONNECTION

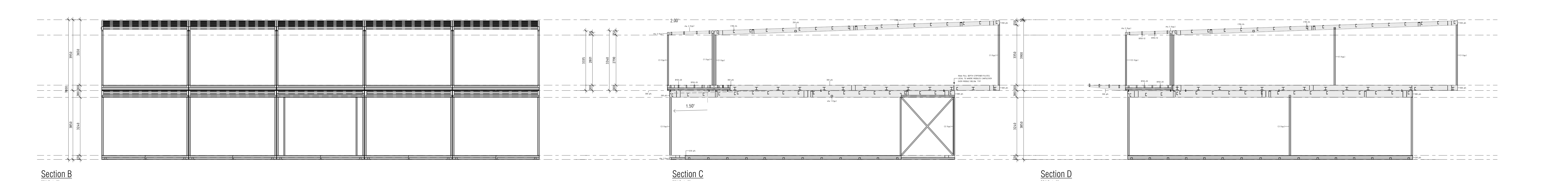
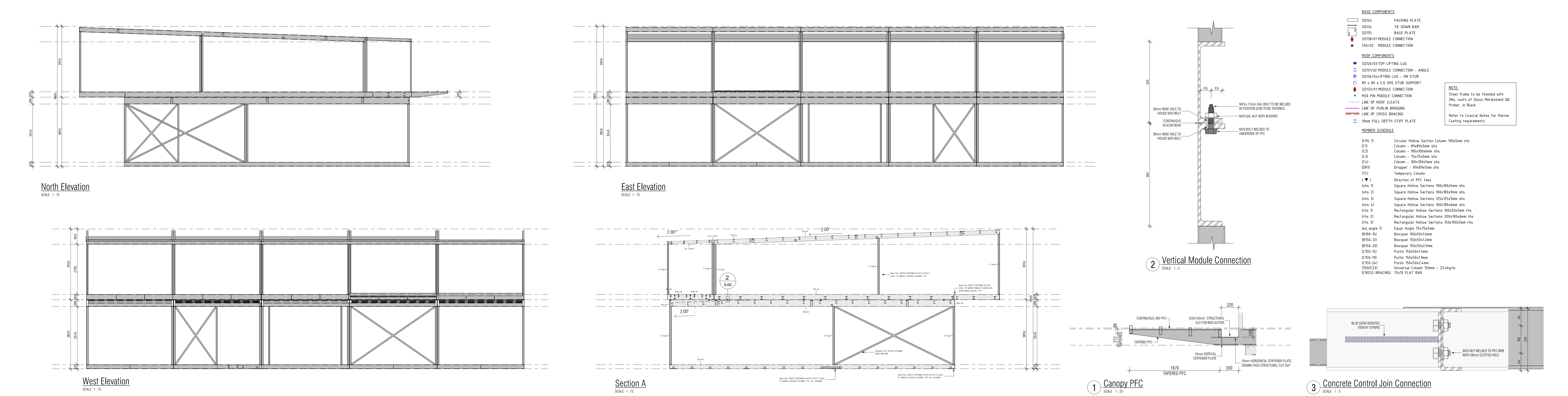
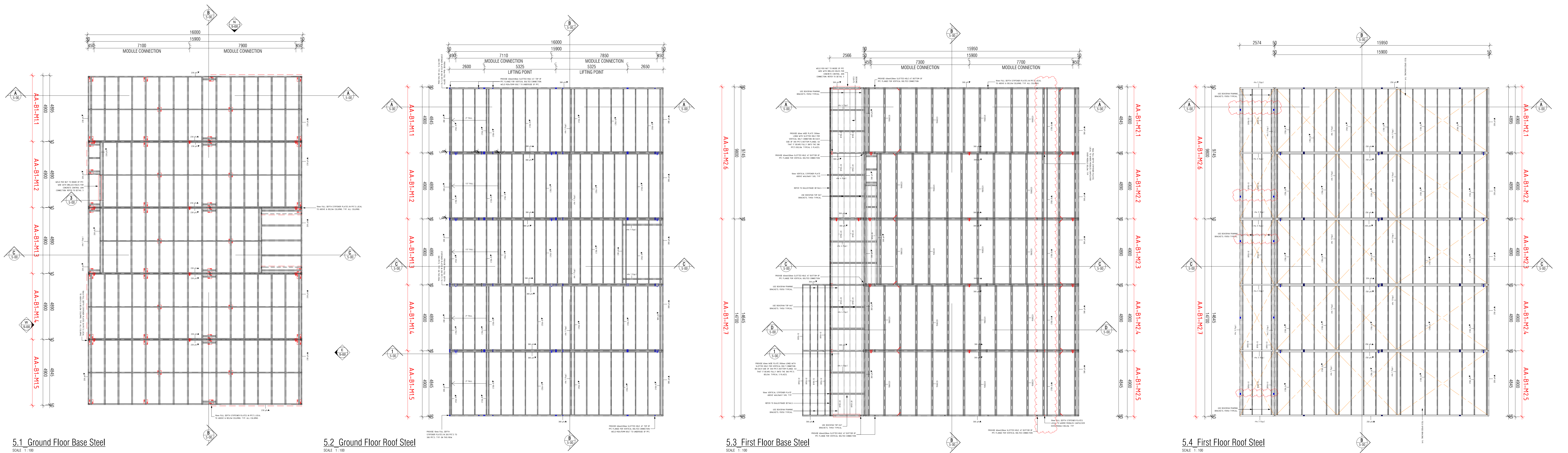
ROOF COMPONENTS	
SDS16/P3	TOP LIFTING LUG
SDS17/02	MODULE CONNECTION - ANGLE
SDS16/PALIFTING LUG - ON STUB	
89 x 89 x 5.8 SHS	STUB SUPPORT
SDS19/P1	MODULE CONNECTION
M20 PIN	MODULE CONNECTION
---	LINE OF ROOF CLEATS
---	LINE OF PURLIN BRIDGING
---	LINE OF CROSS BRACING
---	10mm FULL DEPTH STIFF PLATE

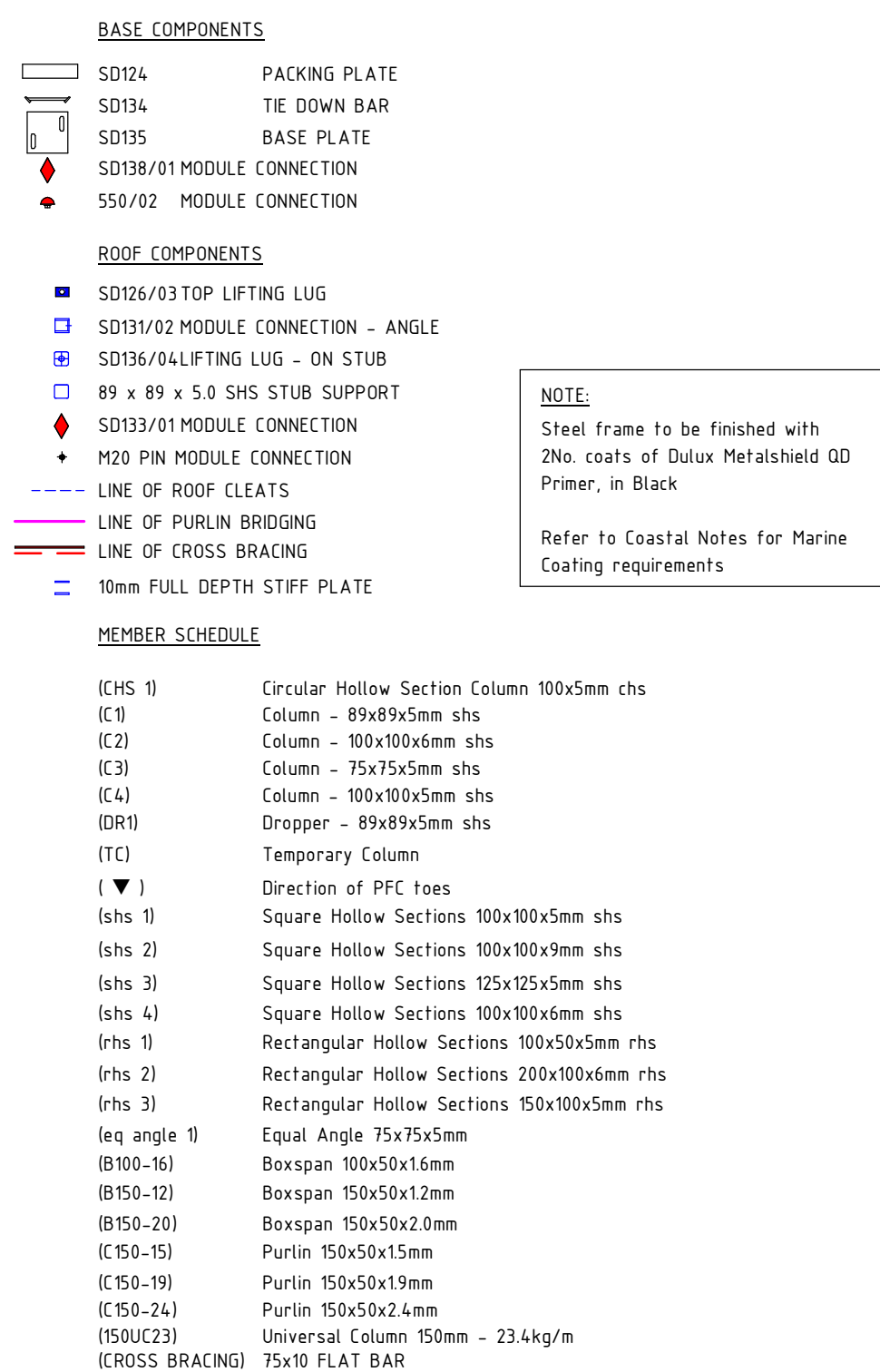
NOTE:

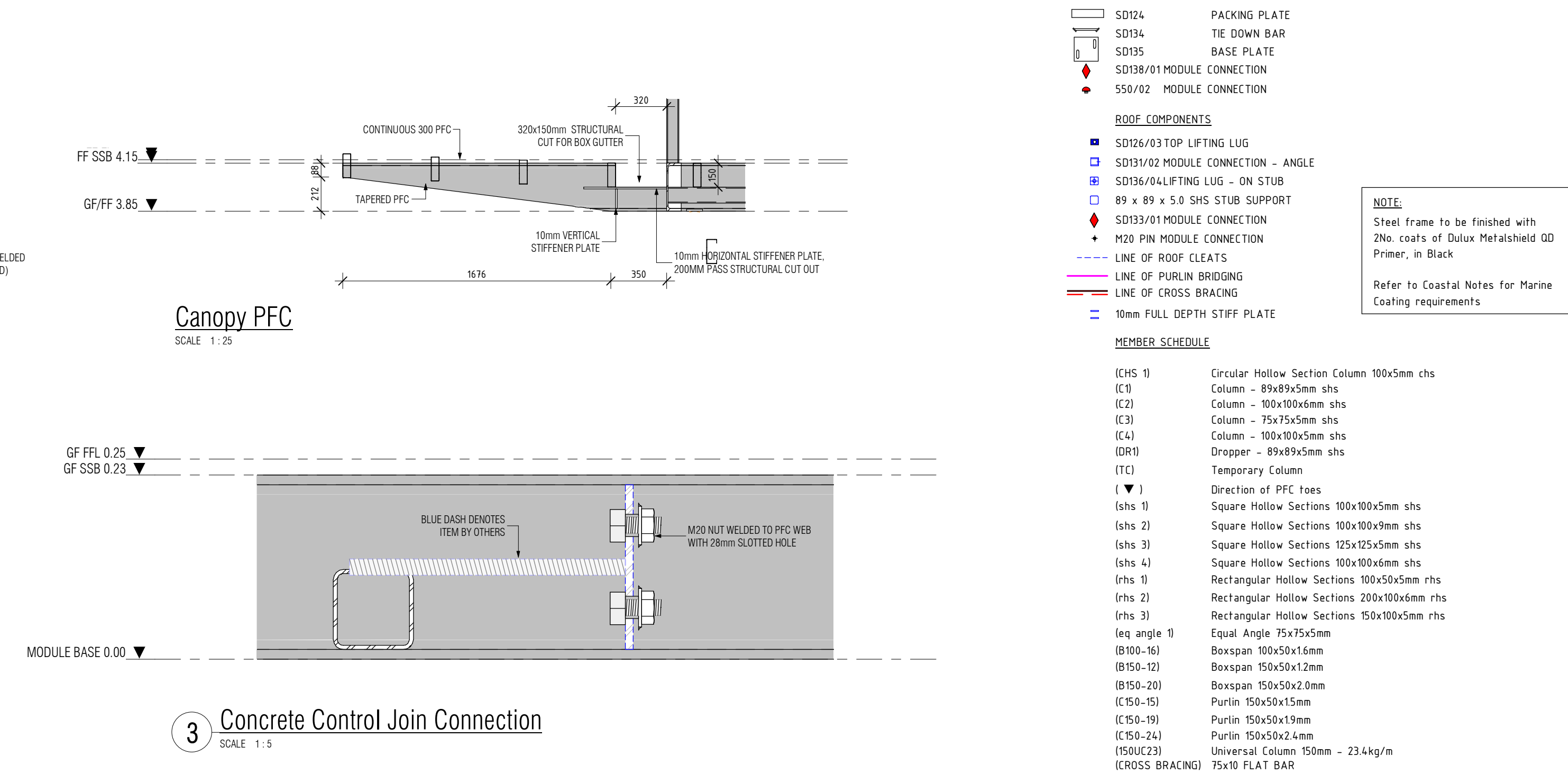
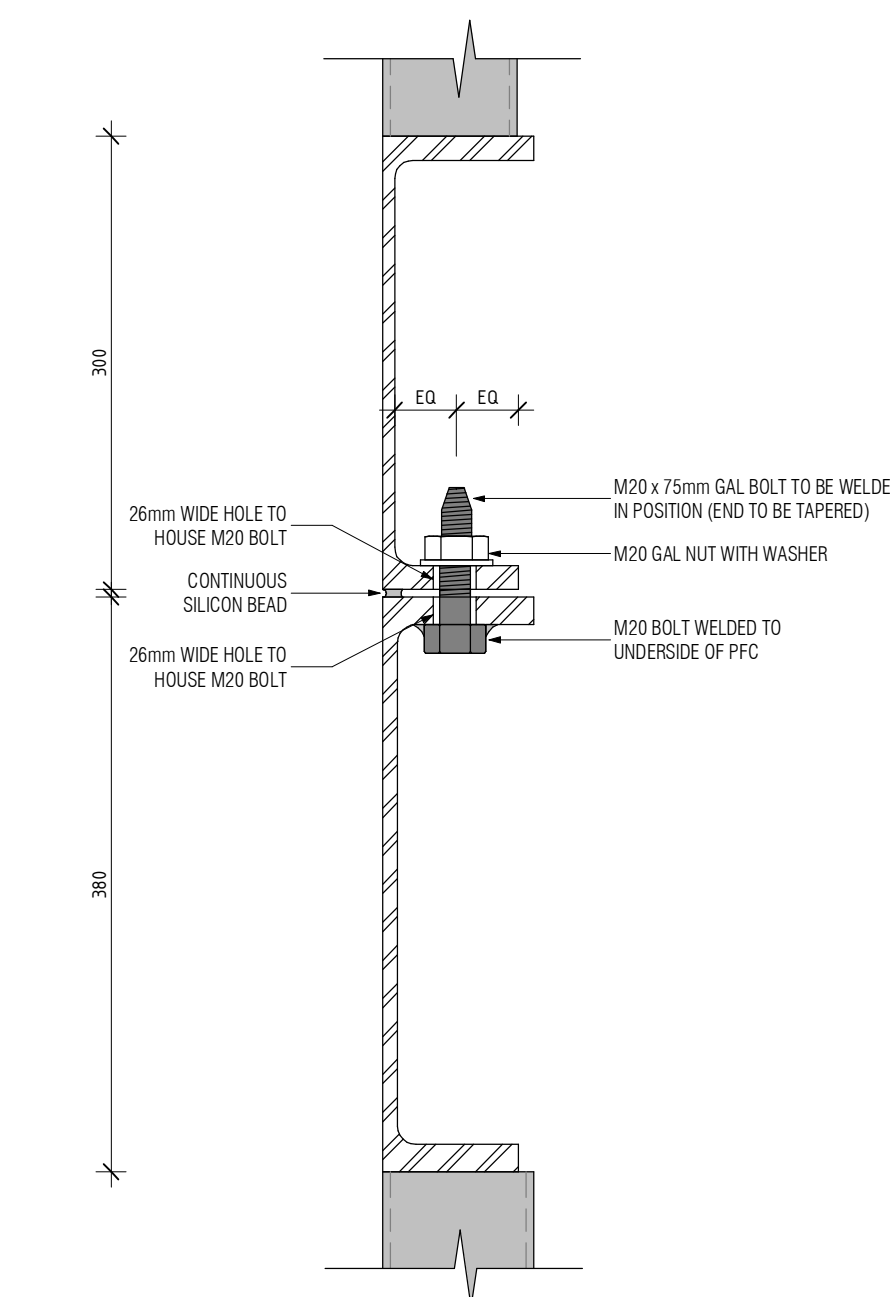
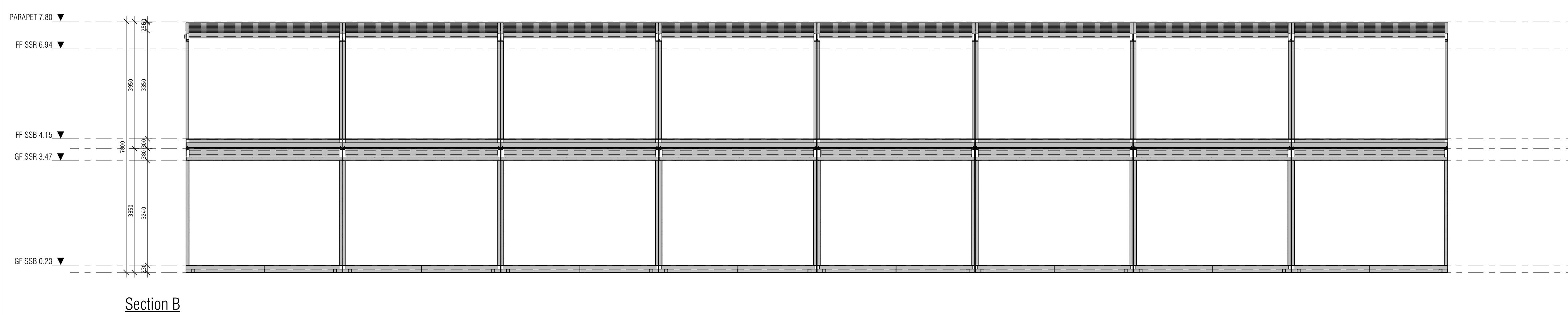
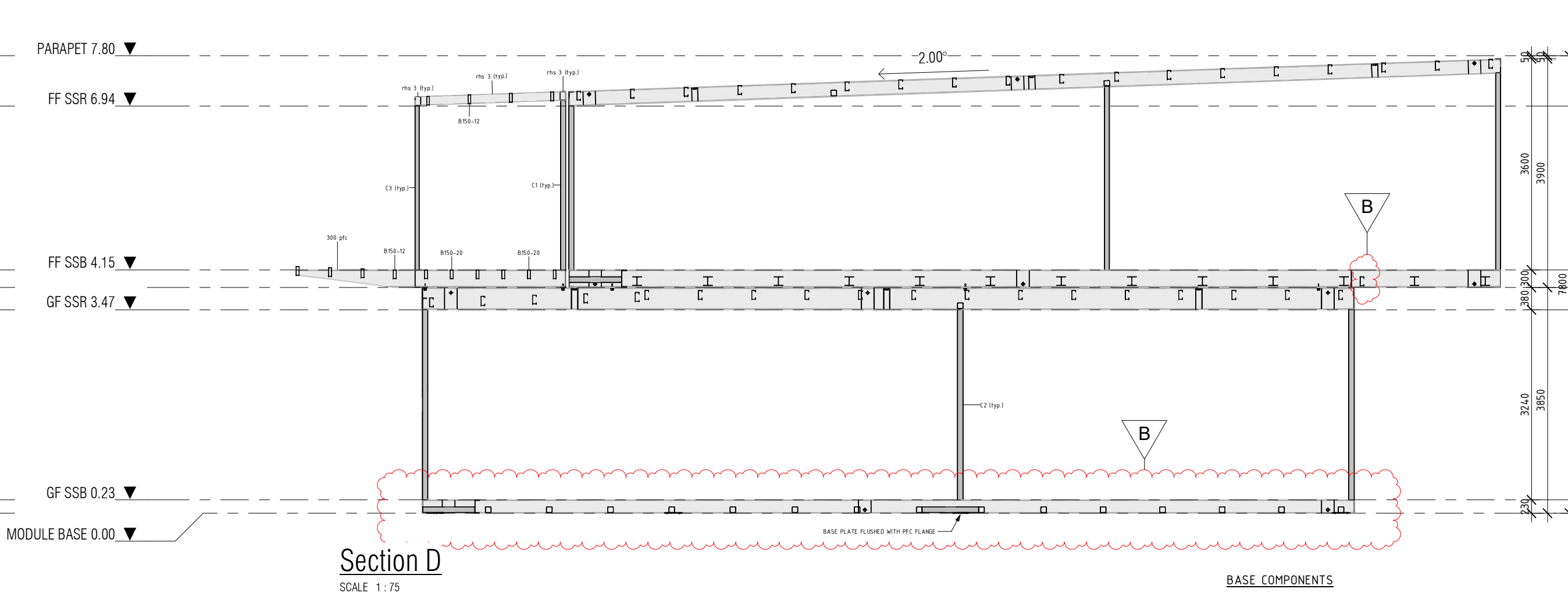
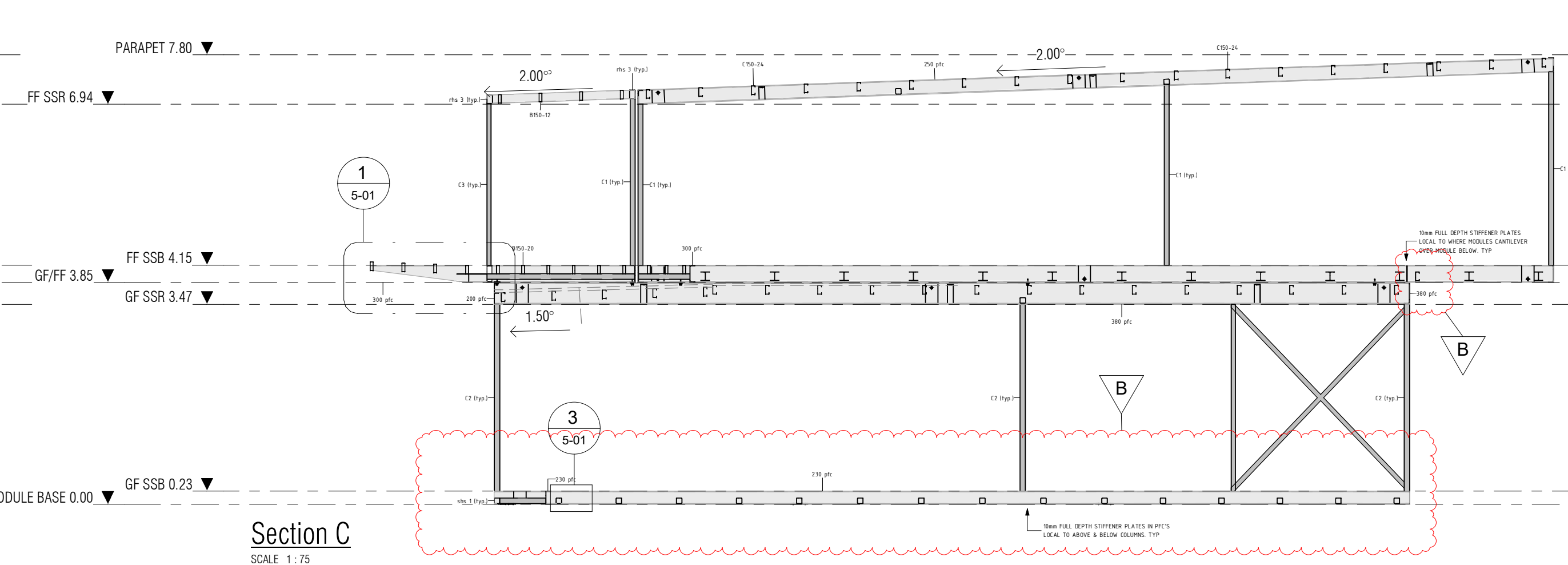
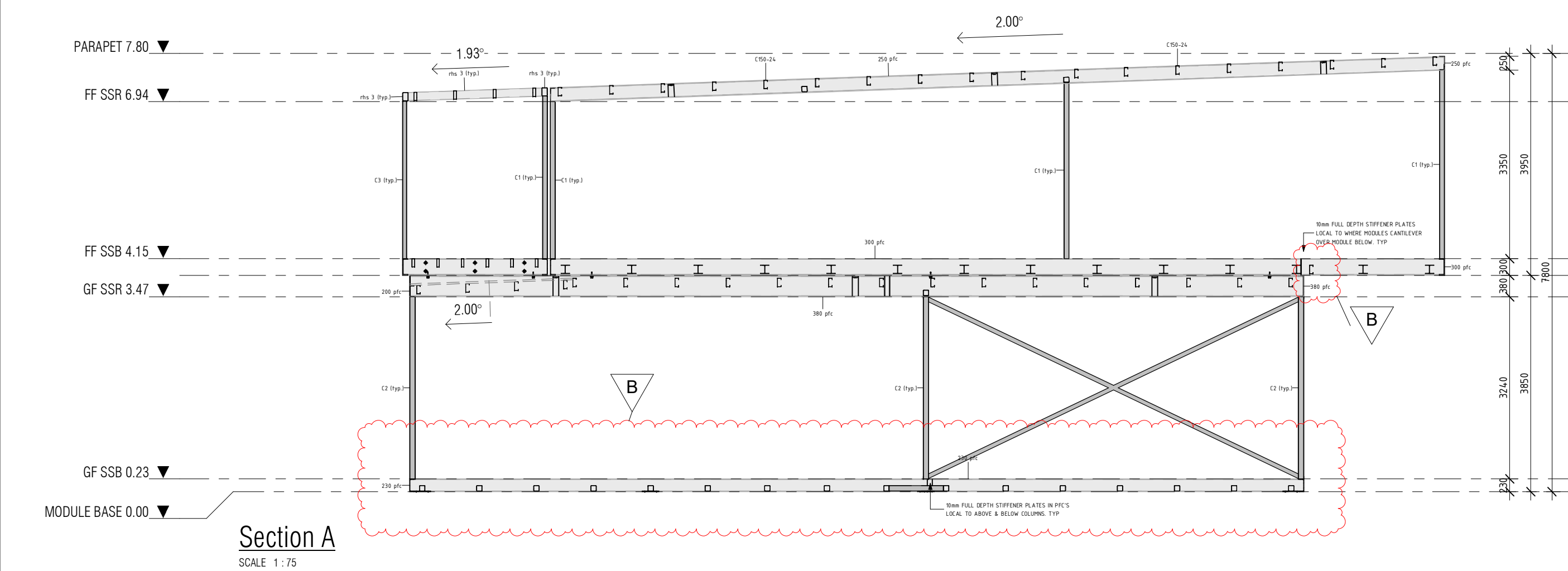
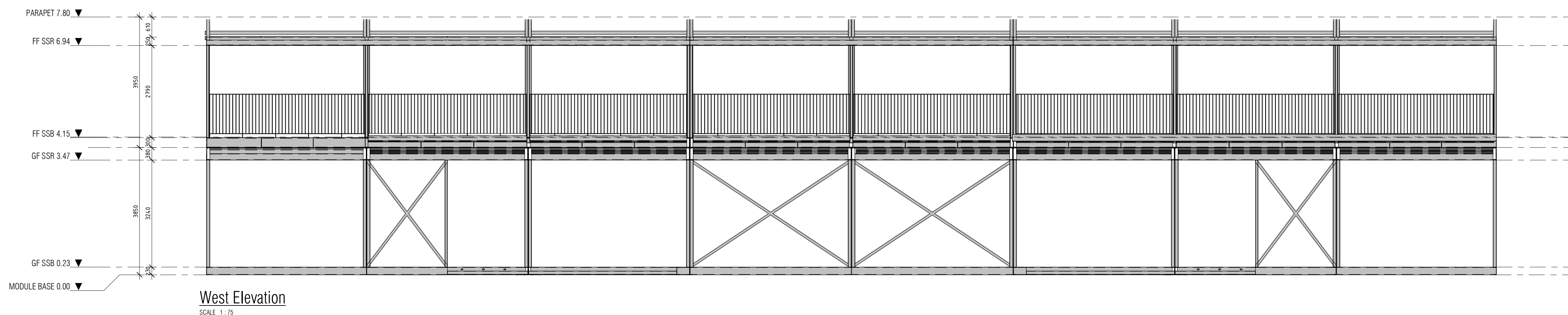
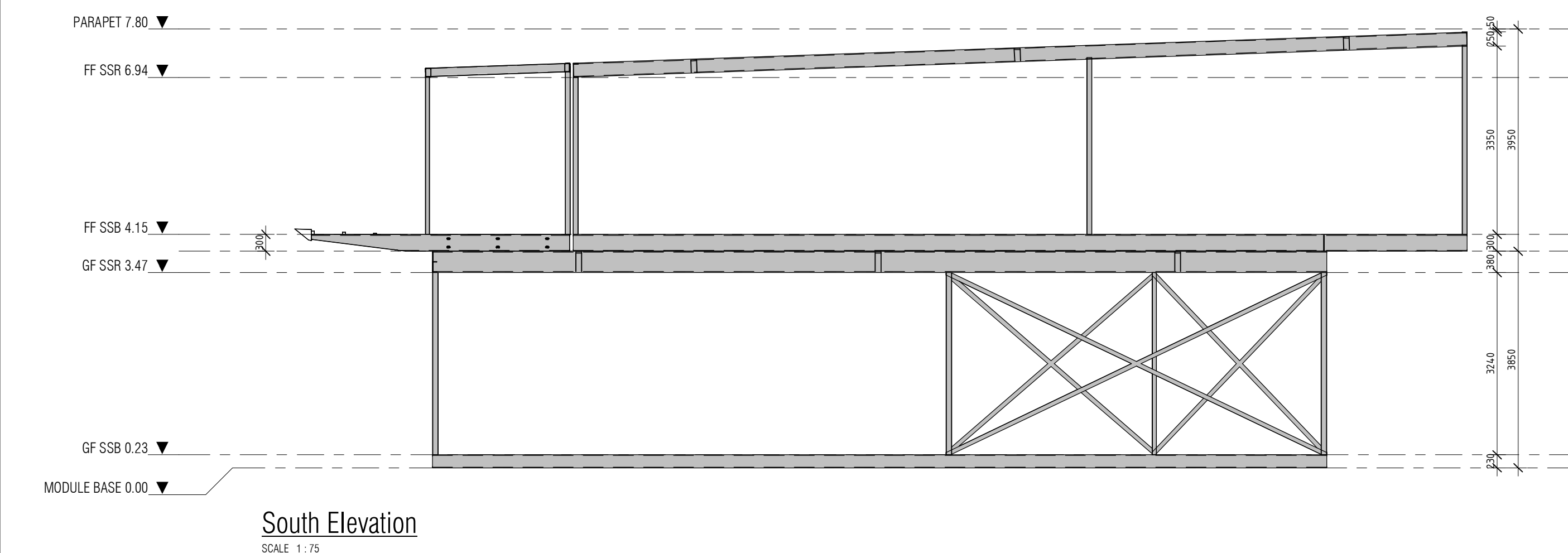
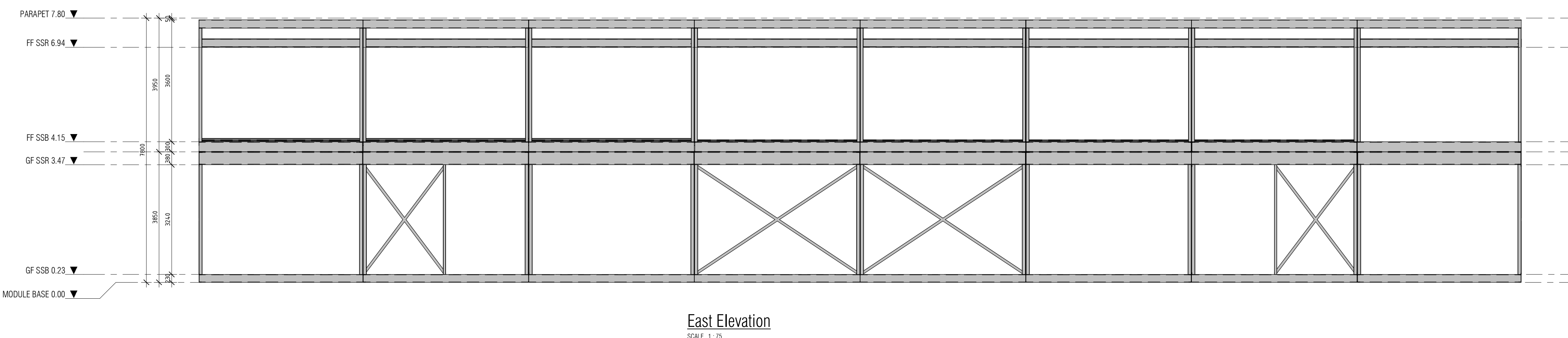
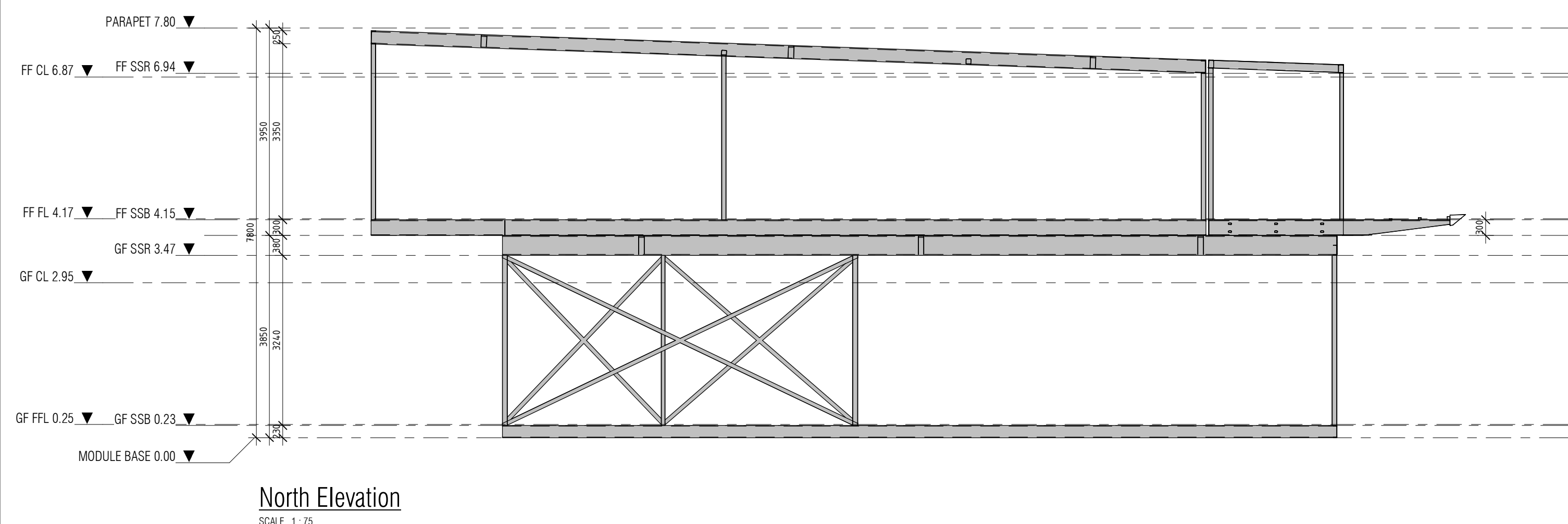
Steel frame to be finished with 2No. coats of Dulux Metashield GD Primer, in Black

Refer to Coastal Notes for Marine Coating requirements

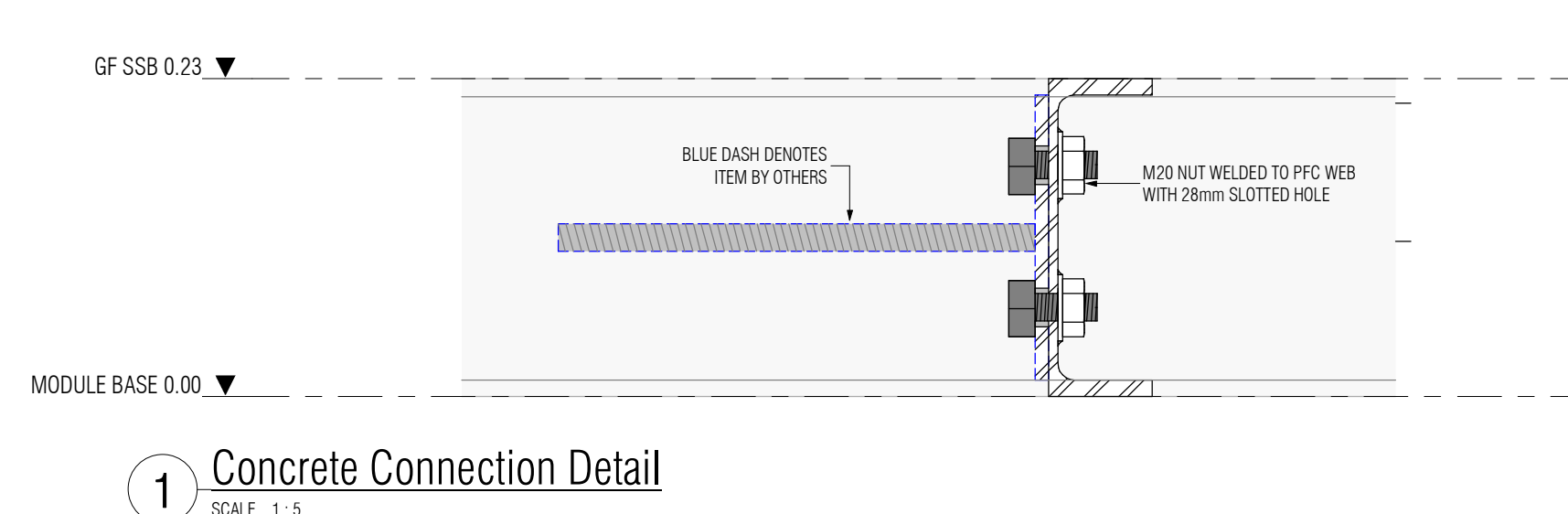
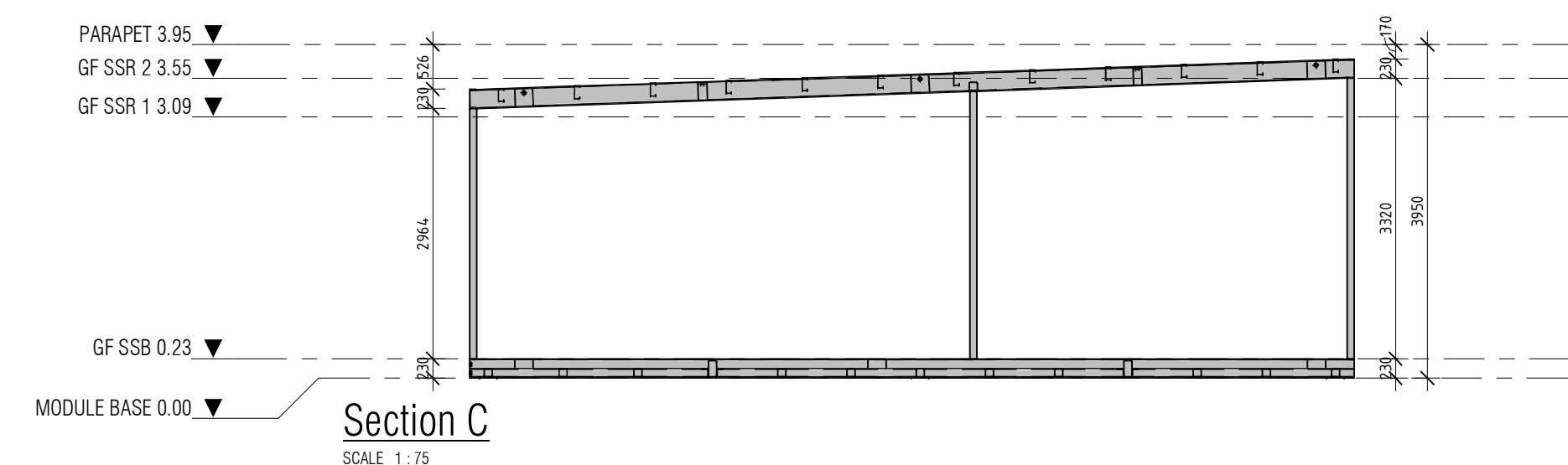
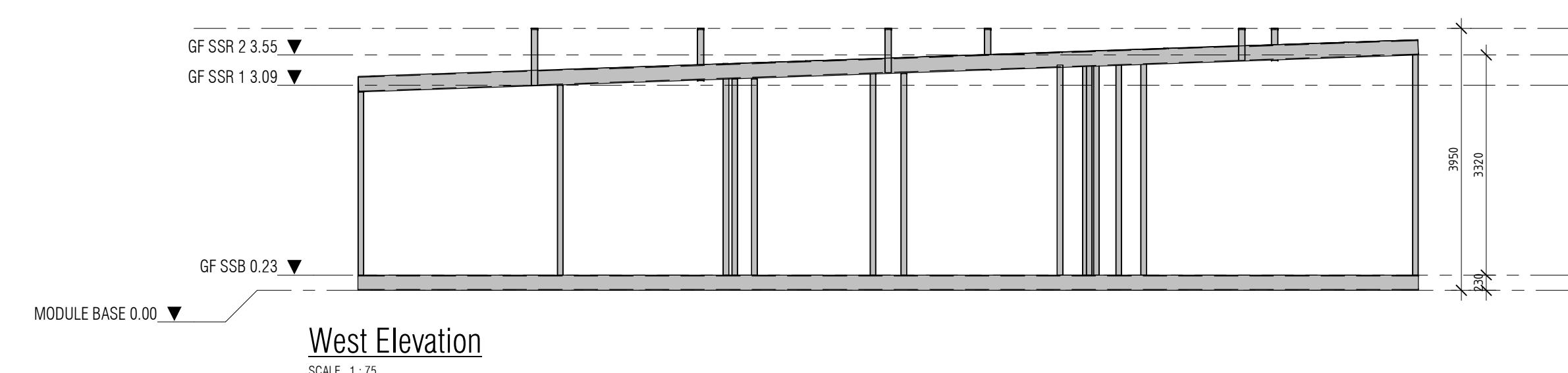
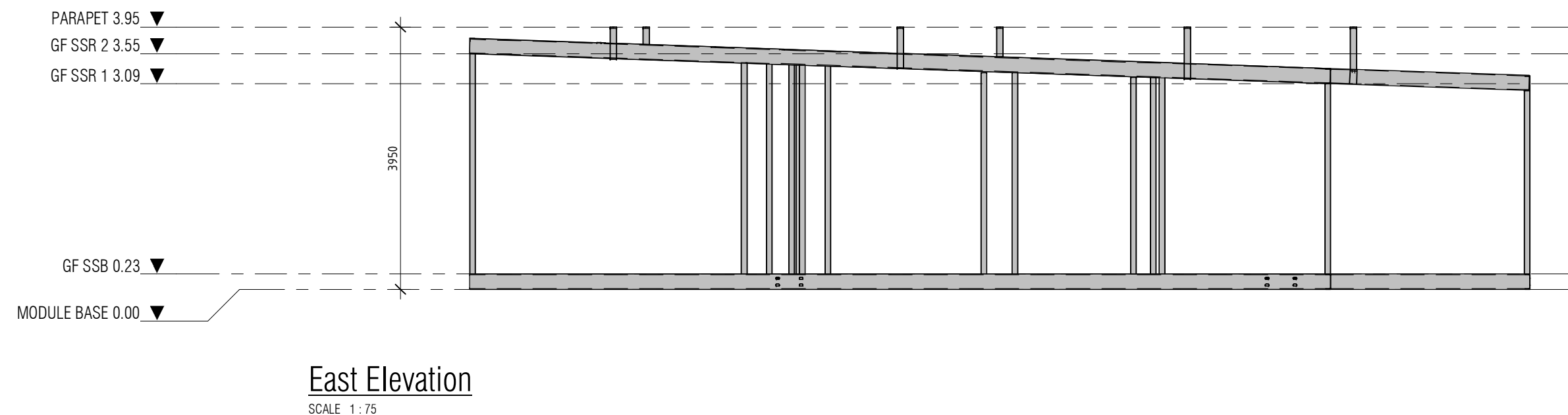
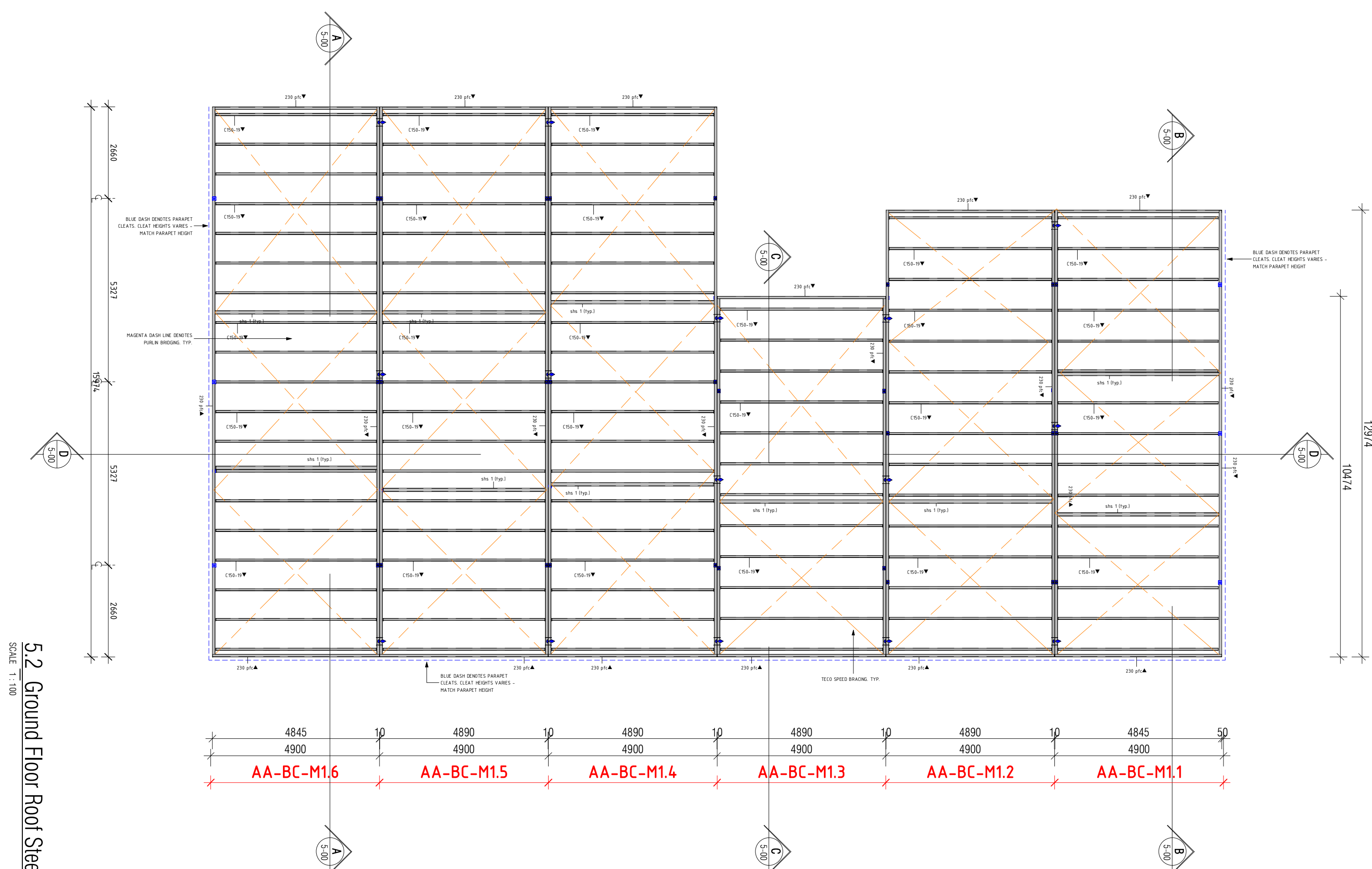
MEMBER SCHEDULE	
ICW 0	Circular Hollow Section Column 100x100mm shs
IC3	Column - 89x89x5mm shs
IC3	Column - 100x100x6mm shs
IC3	Column - 75x75x5mm shs
IC4	Column - 100x100x5mm shs
DIH1	Dropper - 89x89x5mm shs
ICI	Temporary Column
I 1	Direction of PFC Joists
Ish 0	Square Hollow Sections 100x100x5mm shs
Ish 1	Square Hollow Sections 100x100x6mm shs
Ish 2	Square Hollow Sections 100x100x5mm shs
Ish 3	Square Hollow Sections 100x100x6mm shs
Ish 4	Square Hollow Sections 100x100x5mm shs
Ish 5	Rectangular Hollow Sections 100x100x5mm shs
Ish 6	Rectangular Hollow Sections 100x100x6mm shs
Ish 7	Rectangular Hollow Sections 100x100x5mm shs
Ish 8	Rectangular Hollow Sections 100x100x6mm shs
Ish 9	Rectangular Hollow Sections 100x100x5mm shs
Ish 10	Rectangular Hollow Sections 100x100x6mm shs
Ish 11	Rectangular Hollow Sections 100x100x5mm shs
Ish 12	Rectangular Hollow Sections 100x100x6mm shs
Ish 13	Rectangular Hollow Sections 100x100x5mm shs
Ish 14	Rectangular Hollow Sections 100x100x6mm shs
Ish 15	Rectangular Hollow Sections 100x100x5mm shs
Ish 16	Rectangular Hollow Sections 100x100x6mm shs
Ish 17	Rectangular Hollow Sections 100x100x5mm shs
Ish 18	Rectangular Hollow Sections 100x100x6mm shs
Ish 19	Rectangular Hollow Sections 100x100x5mm shs
Ish 20	Rectangular Hollow Sections 100x100x6mm shs
Ish 21	Rectangular Hollow Sections 100x100x5mm shs
Ish 22	Rectangular Hollow Sections 100x100x6mm shs
Ish 23	Rectangular Hollow Sections 100x100x5mm shs
Ish 24	Rectangular Hollow Sections 100x100x6mm shs
Ish 25	Rectangular Hollow Sections 100x100x5mm shs
Ish 26	Rectangular Hollow Sections 100x100x6mm shs
Ish 27	Rectangular Hollow Sections 100x100x5mm shs
Ish 28	Rectangular Hollow Sections 100x100x6mm shs
Ish 29	Rectangular Hollow Sections 100x100x5mm shs
Ish 30	Rectangular Hollow Sections 100x100x6mm shs
Ish 31	Rectangular Hollow Sections 100x100x5mm shs
Ish 32	Rectangular Hollow Sections 100x100x6mm shs
Ish 33	Rectangular Hollow Sections 100x100x5mm shs
Ish 34	Rectangular Hollow Sections 100x100x6mm shs
Ish 35	Rectangular Hollow Sections 100x100x5mm shs
Ish 36	Rectangular Hollow Sections 100x100x6mm shs
Ish 37	Rectangular Hollow Sections 100x100x5mm shs
Ish 38	Rectangular Hollow Sections 100x100x6mm shs
Ish 39	Rectangular Hollow Sections 100x100x5mm shs
Ish 40	Rectangular Hollow Sections 100x100x6mm shs
Ish 41	Rectangular Hollow Sections 100x100x5mm shs
Ish 42	Rectangular Hollow Sections 100x100x6mm shs
Ish 43	Rectangular Hollow Sections 100x100x5mm shs
Ish 44	Rectangular Hollow Sections 100x100x6mm shs
Ish 45	Rectangular Hollow Sections 100x100x5mm shs
Ish 46	Rectangular Hollow Sections 100x100x6mm shs
Ish 47	Rectangular Hollow Sections 100x100x5mm shs
Ish 48	Rectangular Hollow Sections 100x100x6mm shs
Ish 49	Rectangular Hollow Sections 100x100x5mm shs
Ish 50	Rectangular Hollow Sections 100x100x6mm shs
Ish 51	Rectangular Hollow Sections 100x100x5mm shs
Ish 52	Rectangular Hollow Sections 100x100x6mm shs
Ish 53	Rectangular Hollow Sections 100x100x5mm shs
Ish 54	Rectangular Hollow Sections 100x100x6mm shs
Ish 55	Rectangular Hollow Sections 100x100x5mm shs
Ish 56	Rectangular Hollow Sections 100x100x6mm shs
Ish 57	Rectangular Hollow Sections 100x100x5mm shs
Ish 58	Rectangular Hollow Sections 100x100x6mm shs
Ish 59	Rectangular Hollow Sections 100x100x5mm shs
Ish 60	Rectangular Hollow Sections 100x100x6mm shs
Ish 61	Rectangular Hollow Sections 100x100x5mm shs
Ish 62	Rectangular Hollow Sections 100x100x6mm shs
Ish 63	Rectangular Hollow Sections 100x100x5mm shs
Ish 64	Rectangular Hollow Sections 100x100x6mm shs
Ish 65	Rectangular Hollow Sections 100x100x5mm shs
Ish 66	Rectangular Hollow Sections 100x100x6mm shs
Ish 67	Rectangular Hollow Sections 100x100x5mm shs
Ish 68	Rectangular Hollow Sections 100x100x6mm shs
Ish 69	Rectangular Hollow Sections 100x100x5mm shs
Ish 70	Rectangular Hollow Sections 100x100x6mm shs
Ish 71	Rectangular Hollow Sections 100x100x5mm shs
Ish 72	Rectangular Hollow Sections 100x100x6mm shs
Ish 73	Rectangular Hollow Sections 100x100x5mm shs
Ish 74	Rectangular Hollow Sections 100x100x6mm shs
Ish 75	Rectangular Hollow Sections 100x100x5mm shs
Ish 76	Rectangular Hollow Sections 100x100x6mm shs
Ish 77	Rectangular Hollow Sections 100x100x5mm shs
Ish 78	Rectangular Hollow Sections 100x100x6mm shs
Ish 79	Rectangular Hollow Sections 100x100x5mm shs
Ish 80	Rectangular Hollow Sections 100x100x6mm shs
Ish 81	Rectangular Hollow Sections 100x100x5mm shs
Ish 82	Rectangular Hollow Sections 100x100x6mm shs
Ish 83	Rectangular Hollow Sections 100x100x5mm shs
Ish 84	Rectangular Hollow Sections 100x100x6mm shs
Ish 85	Rectangular Hollow Sections 100x100x5mm shs
Ish 86	Rectangular Hollow Sections 100x100x6mm shs
Ish 87	Rectangular Hollow Sections 100x100x5mm shs
Ish 88	Rectangular Hollow Sections 100x100x6mm shs
Ish 89	Rectangular Hollow Sections 100x100x5mm shs
Ish 90	Rectangular Hollow Sections 100x100x6mm shs
Ish 91	Rectangular Hollow Sections 100x100x5mm shs
Ish 92	Rectangular Hollow Sections 100x100x6mm shs
Ish 93	Rectangular Hollow Sections 100x100x5mm shs
Ish 94	Rectangular Hollow Sections 100x100x6mm shs
Ish 95	Rectangular Hollow Sections 100x100x5mm shs
Ish 96	Rectangular Hollow Sections 100x100x6mm shs
Ish 97	Rectangular Hollow Sections 100x100x5mm shs
Ish 98	Rectangular Hollow Sections 100x100x6mm shs
Ish 99	Rectangular Hollow Sections 100x100x5mm shs
Ish 100	Rectangular Hollow Sections 100x100x6mm shs







P3 STEEL PRELIMINARY 13.03.19 KT P4 STEEL PRELIMINARY 07.03.19 KT P3 STEEL PRELIMINARY 06.03.19 KT P2 STEEL PRELIMINARY 26.02.19 KT P1 PRELIMINARY 20.01.19 KT C REVISED STEEL 26.03.19 KT				This drawing and the information shown hereon is the property of Modscape Holdings including all subsidiaries and may not be used for any other purpose than that for which this drawing is supplied. Any other use, copying or reproduction of all or part of this drawing is prohibited without the written consent of Modscape.	MODSCAPE. 430 Francis Street, Brooklyn, VIC 3202 Ph 9314 7769	NSW Government Alex Avenue Primary School Pelican Road, Schofields, NSW 2762 BLOCK B2	Steel Set Structural Steel Elevations - BLOCK B2 BLOCK B2 KT MAR/2019 Drawn: Date: Not Ref	Drawing No. 5-01	Revision C
Issue description Date Initials								As indicated A0 430B2	Scale Sheet Size Job No.



BASE COMPONENTS	
SD124	PACKING PLATE
SD124	TIE DOWN BAR
SD125	BASE PLATE
SD128/11 MODULE CONNECTION	
SS102/1 CONNECTION	
ROOF COMPONENTS	
SD126/180 VASTING LUG	
SD129/15 MODULE CONNECTION - ANGLE	
SD129/15 VASTING LUG - ON TUB	
89 x 89 x 5 S/S STUD SUPPORT	
SD133/15 MODULE CONNECTION	
1" x 1" OF HOOT FLATS	
LINE OF PURLIN BRIDGING	
LINE OF CROSS BRACING	
90mm FILL DEPTH STIFF PLATE	
MEMBER SCHEDULE	
C124	Circular Hollow Section Column 100x10x5mm shs
C121	Column - 89x89x5mm shs
C121	Column - 100x10x5mm shs
C121	Column - 75x75x5mm shs
C123	Column - 100x10x5mm shs
D120	Diagonal - 89x89x5mm shs
D121	Temporary Column
D121	Direction of P.C. lines
124 (shs)	Square Hollow Sections 100x10x5mm shs
124 (shs)	Square Hollow Sections 125x12x5mm shs
124 (shs)	Rectangular Hollow Sections 100x10x5mm rhs
124 (shs)	Rectangular Hollow Sections 100x10x5mm rhs
124 (shs)	Rectangular Hollow Sections 150x15x5mm rhs
124 (shs)	Equal Angle 125x75x5mm
B126-121	Boxspan 250x50x12mm
B126-121	Boxspan 250x50x12mm
C126-121	Purlin 150x50x15mm
C126-121	Purlin 150x50x15mm
C126-121	TyP 125x125x8
C126-121	CROSS BRACING