

SAMPLE DRAWING FOR TYPICAL DETAILS OF METAL CLADDING

1. THE DESIGN AND CONSTRUCTION OF METAL CLADDING IS IN ACCORDANCE WITH THE BUILDING (CONSTRUCTION) REGULATION, HONG KONG
2. THE LOCATION OF METAL CLADDING AS SHOWN IN THIS SUBMISSION SHOULD BE READ IN CONJUNCTION WITH THE LATEST GENERAL BUILDING PLAN APPROVED ON (DATE OF GBP APPROVAL).
3. STRUCTURAL INFORMATION FOR THE PARENT STRUCTURE SHOULD BE READ IN CONJUNCTION WITH THE LATEST STRUCTURAL PLAN APPROVED ON (DATE OF STRUCTURAL PLAN APPROVAL).
4. PVC TAPE TO BE APPLIED BETWEEN DISSIMILAR METAL TO PREVENT BIMETALLIC CORROSION (ALTERNATIVE SHALL BE PROPOSED IF APPLICABLE).

STANDARD AND CODES

1. CODE OF PRACTICE FOR THE STRUCTURAL USE OF STEEL 2011.
2. THE STRUCTURAL USE OF ALUMINIUM – BS 8118: PART 1: 1991 WITH MODIFICATION OF PARTIAL LOAD FACTOR FOR WIND LOAD IN ACCORDANCE WITH PNAP APP-53.
3. CODE OF PRACTICE FOR DEAD AND IMPOSED LOAD 2011.
4. CODE OF PRACTICE ON WIND EFFECTS IN HONG KONG 2019.

NOTES ON DESIGN LOADS

1. WIND LOAD
DESIGN WIND REFERENCE PRESSURE, $Q_z =$
PRESSURE COEFFICIENT, $C_p =$
SIZE FACTOR, $S_s =$
DESIGN WIND PRESSURE, $P = Q_z \times C_p \times S_s$
 $=$

NOTES ON STRUCTURAL STEEL (IF APPLICABLE)

1. THE DESIGN OF STRUCTURAL STEEL IS IN ACCORDANCE WITH THE CODE OF PRACTICE FOR THE STRUCTURAL USE OF STEEL 2011.
2. SCHEDULE OF MAJOR STRUCTURAL STEEL MEMBERS:

MEMBER MARK	GRADE	GENERAL DIMENSIONS	THICKNESS
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3. ALL WELDING SHALL BE PERFORMED BY QUALIFIED WELDERS IN ACCORDANCE WITH BS EN 287-1:2004 AND BS EN 288-3:1992.
4. SURFACE TREATMENT SHALL BE HOT-DIP GALVANIZED COMPLYING WITH BS EN ISO 1461:2009 (IF APPLICABLE)/ (MIN. THICKNESS = ___ MICRONS)

NOTES ON STRUCTURAL STAINLESS STEEL (IF APPLICABLE)

1. THE DESIGN OF STRUCTURAL STAINLESS STEEL IS IN ACCORDANCE WITH BS EN 10088, ASTM, JIS, AS/NZS, SCI PUBLICATION P291. (IF APPLICABLE)
2. SCHEDULE OF MAJOR STRUCTURAL STAINLESS STEEL MEMBERS:

MEMBER MARK	GRADE	GENERAL DIMENSIONS	THICKNESS
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NOTES ON STRUCTURAL ALUMINIUM (IF APPLICABLE)

THE DESIGN OF STRUCTURAL ALUMINIUM IS IN ACCORDANCE WITH BS 8118 WITH MODIFICATION OF PARTIAL LOAD FACTOR FOR WIND LOAD IN ACCORDANCE WITH PNAP APP-53, BS EN 1999. (IF APPLICABLE)

1. SCHEDULE OF MAJOR STRUCTURAL ALUMINIUM MEMBERS:

MEMBER MARK	GRADE	GENERAL DIMENSIONS	THICKNESS
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2. ALL ALUMINIUM EXTRUSION SHALL BE GRADE _____ COMPLYING WITH BS 8118: PART 1: 1991, BS EN 755: PART 2: 2008, AND BS EN 573: PART 3: 2009.
3. ALL ALUMINIUM SHEET SHALL BE GRADE _____ TO BS EN 485 PART 2: 2008 AND BS EN 573 PART 3: 2009.
4. NOTE ON ALUMINIUM STUDS:
a) ALL ALUMINIUM STUD SHALL BE GRADE _____.
b) DESIGN AND QUALITY ASSURANCE OF THE DRAWN ARC STUD WELDING PROCESS SHALL SATISFY THE REQUIREMENTS OF BS EN ISO 14555: 2017.
c) THE STUD SHALL FOLLOW THE DEFINED PROFILE M5 AS SPECIFIED UNDER TABLE 14 OF BS EN ISO 13918:2008.

NOTES ON DRILLED-IN ANCHORS (IF APPLICABLE)

1. DESIGN AND INSTALLATION OF ANCHOR BOLTS SHALL BE STRICTLY IN ACCORDANCE WITH ____.
2. ANCHOR BOLT SHALL BE INSTALLED IN SOUND CONCRETE (IF APPLICABLE) WITH F.O.S. = 3.
3. SCHEDULE OF DRILLED-IN ANCHORS:

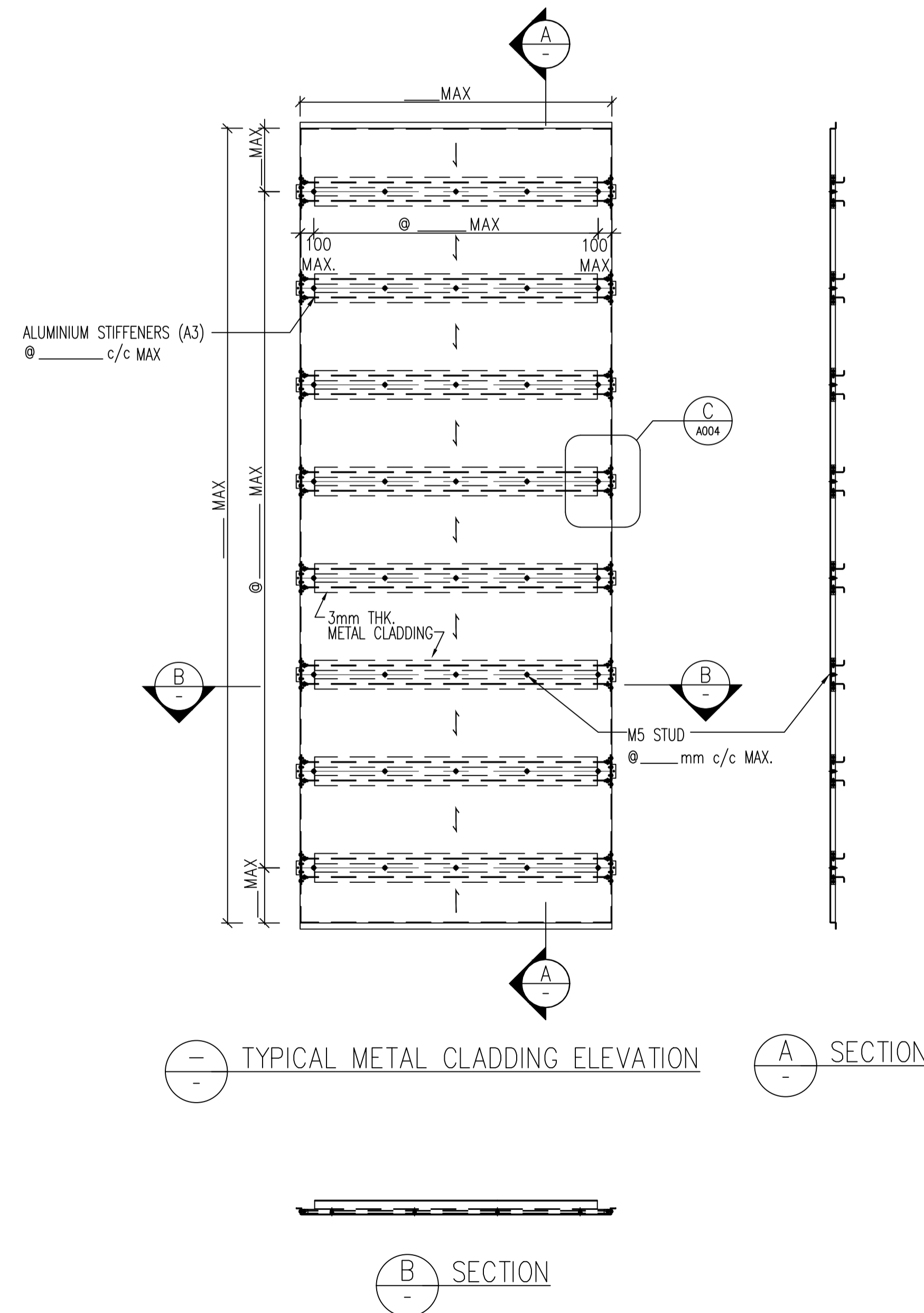
ANCHOR TYPE	EMBEDMENT LENGTH	MIN. EDGE DISTANCE	MIN. SPACING	LOADING CAPACITY/ RECOMMENDED LOAD	TEST LOAD	B.D. REF.
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4. CONCRETE GRADE OF PARENT STRUCTURE = _____ MPa.

MEMBER PROPERTIES SCHEDULE (IF APPLICABLE)

SECTION				
MEMBER MARK:	A1	A2	A3	A4
DESCRIPTION:	ALUMINIUM MULLION	ALUMINIUM ANGLE	ALUMINIUM STIFFENER	ALUMINIUM STIFFENER
AREA (mm ²):	-	-	-	-
MOMENTS OF INERTIA – X (mm ⁴):	-	-	-	-
MOMENTS OF INERTIA – Y (mm ⁴):	-	-	-	-
ELASTIC MODULUS – Zx (mm ³):	-	-	-	-
ELASTIC MODULUS – Zy (mm ³):	-	-	-	-
REMARK:	-	-	-	-
MIN THICKNESS:	-	-	-	-

BLOCK PLAN
SCALE _____

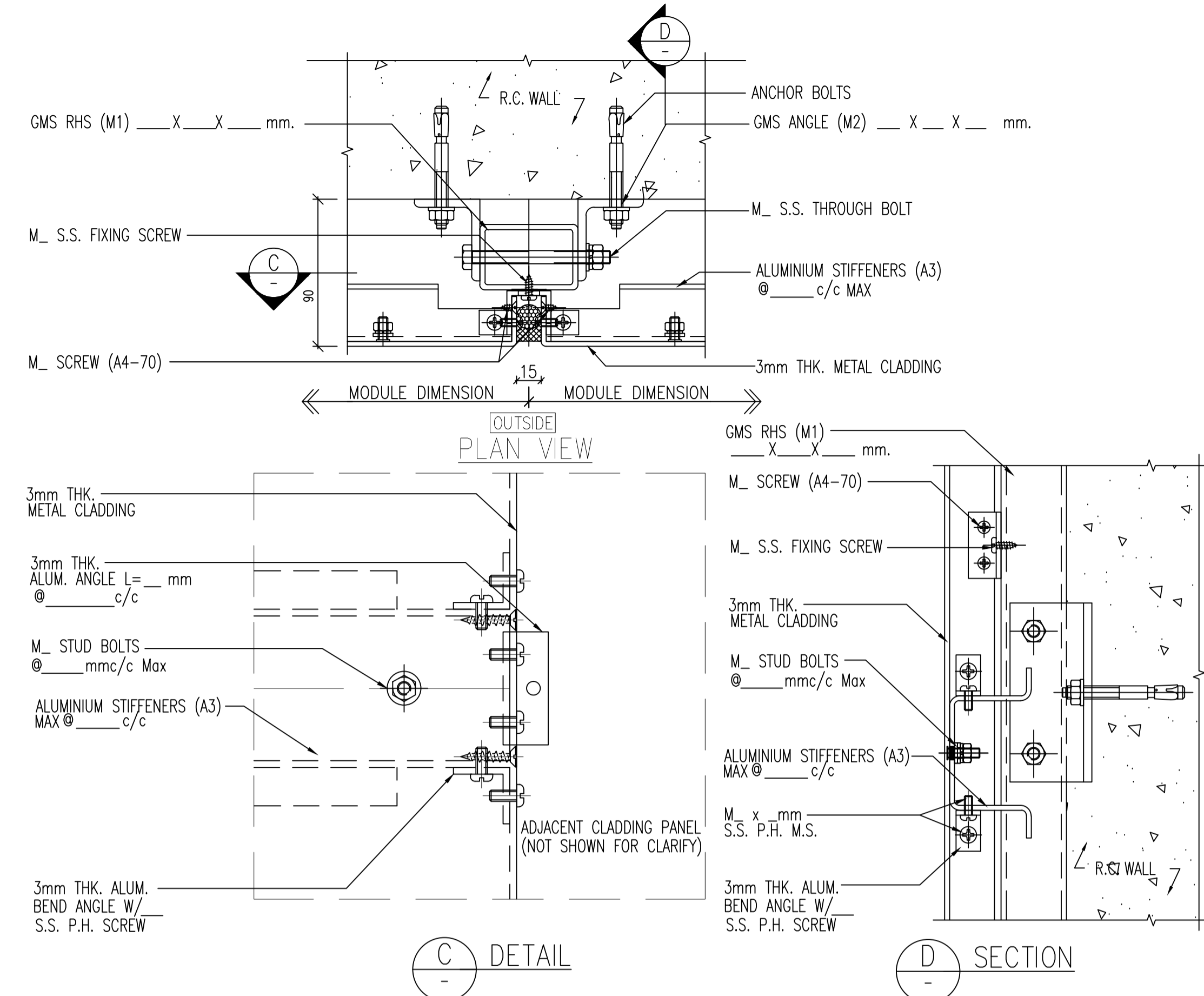
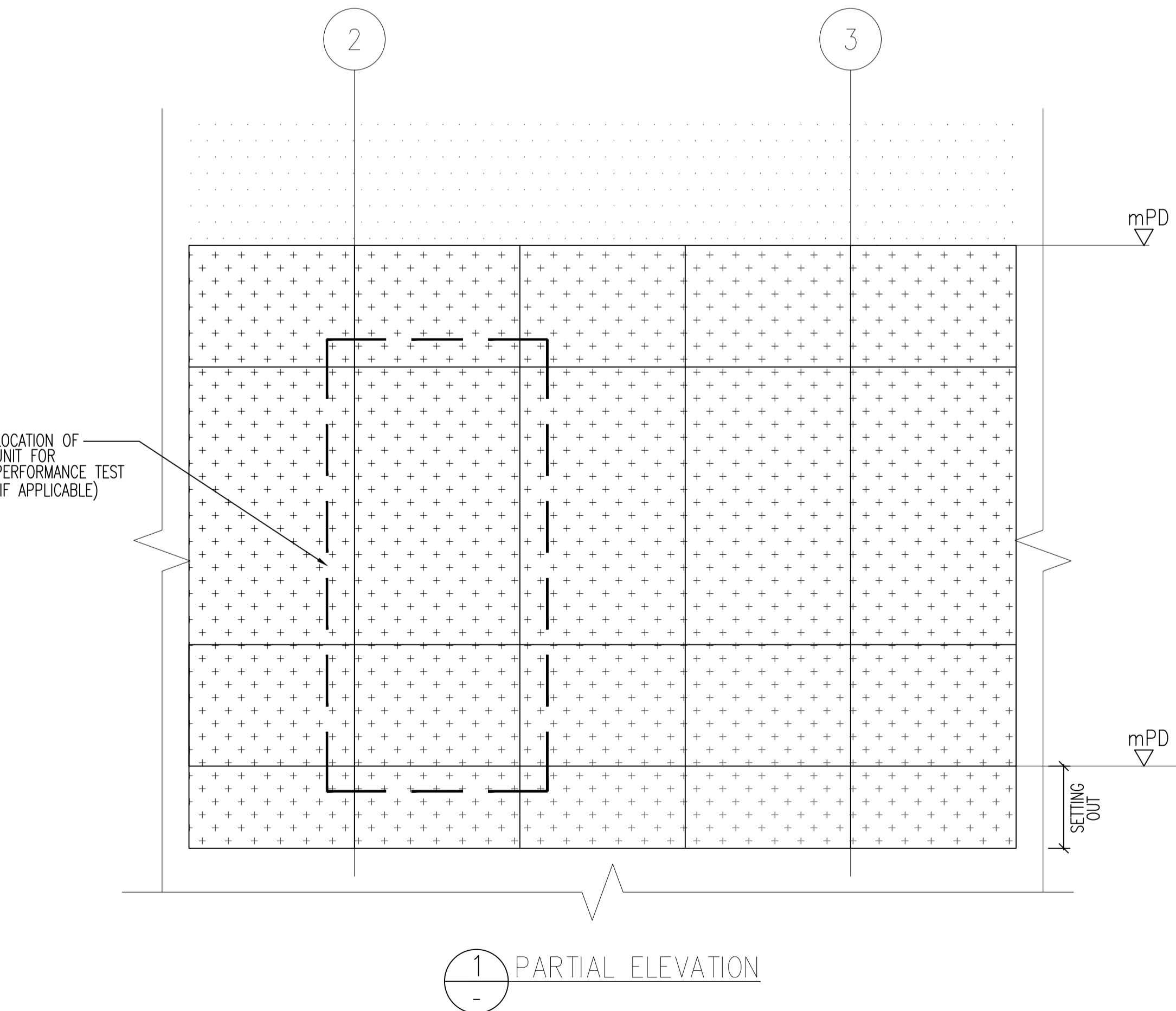
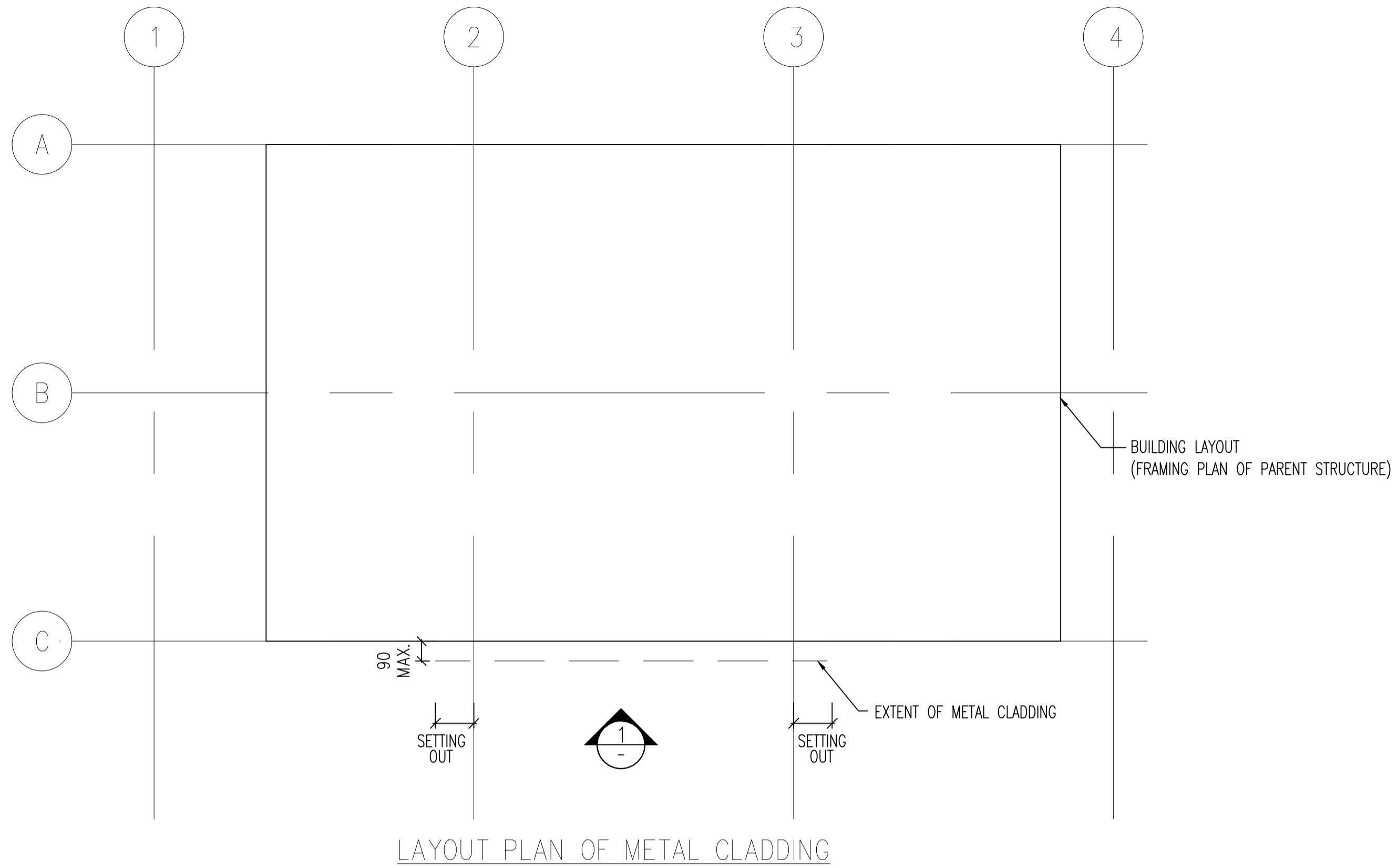


REV.	DATE	AMENDMENT
PROJECT SAMPLE		
DRAWING TITLE NOTES AND DETAILS OF METAL CLADDING		
SCALE		
DRAWING NO. A003		REV. NO.
SOURCE		
90mm(W) x 40mm(H) space for COMPANY LOGO		
90mm(W) x 60mm(H) space for AP/RSE/RGE's signature/ and stamp chop		

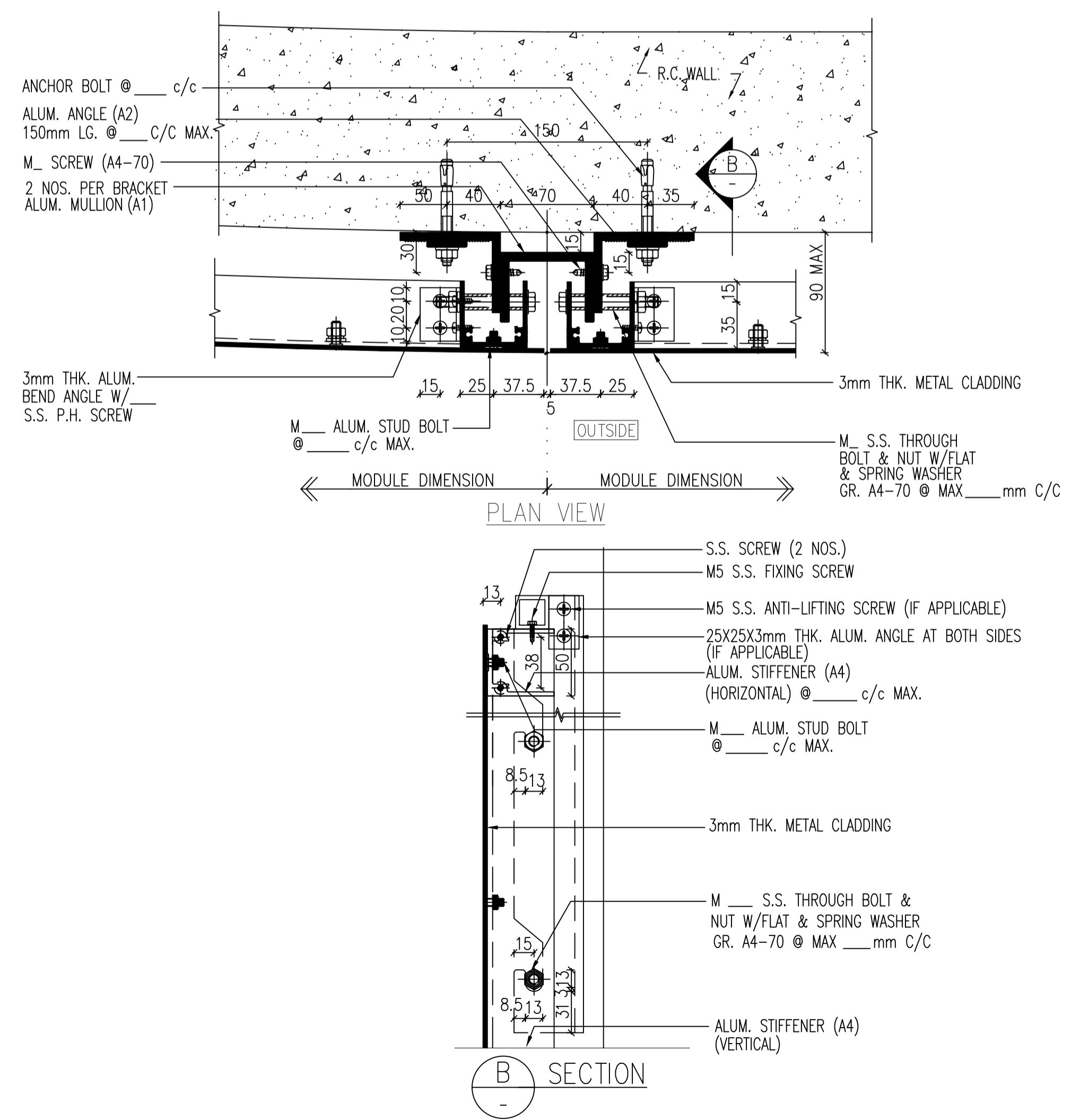
BD's OFFICIAL USE

90mm(W) x 150mm(H) space for BD's approval stamp/ certification of copies of approved plans (PNAP ADM-10 APP A)

SAMPLE DRAWING FOR TYPICAL DETAILS OF METAL CLADDING



TYPICAL CONNECTION DETAILS FOR MECHANICAL FIXING (IF APPLICABLE)



TYPICAL CONNECTION DETAILS FOR INTERLOCKING FIXING (IF APPLICABLE)

BD REF	
BIM REF	
FSD REF	
REV.	DATE
PROJECT	AMENDMENT
SAMPLE	
DRAWING TITLE	
LAYOUT PLAN, ELEVATION AND CONNECTION DETAILS OF METAL CLADDING	
SCALE	
DRAWING NO.	REV. NO.
A004	
SOURCE	
90mm(W) x 40mm(H) space for COMPANY LOGO	
90mm(W) x 60mm(H) space for AP/RSE/RGE's signature/ and stamp chop	
BD's OFFICIAL USE	
90mm(W) x 150mm(H) space for BD's approval stamp/ certification of copies of approved plans (PNAP ADM-10 APP A)	