

PLEASE READ

SPECIFICATION LIMITS - ZONING & MAXIMUM DIMENSIONS

EXTERNAL VENETIAN BLINDS MUST NOT BE SPECIFIED BEYOND THEIR STATED MAXIMUM MANUFACTURING DIMENSIONS. THESE PARAMETERS REPRESENT THE ABSOLUTE TOLERANCES OF THE LIFTING TAPES, LADDERBRAIDS, HAGOFIX CONNECTIONS, AND BEARING HARDWARE. FURTHERMORE, WE STRONGLY ADVISE AGAINST SPECIFYING SINGLE CONTINUOUS BLINDS THAT SPAN MULTIPLE FLOOR LEVELS, STAIRWELLS AND VOIDS. DIFFERENT FLOORS INHERENTLY SERVE DISTINCT PURPOSES , FOR EXAMPLE, A GROUND-FLOOR LIVING AREA REQUIRING DAYLIGHT AND OPENNESS VERSUS AN UPPER-FLOOR BEDROOM REQUIRING PRIVACY AND DARKNESS. A SINGLE BLIND SPANNING BOTH ZONES CANNOT SERVE EITHER SPACE EFFECTIVELY. ZONING BLINDS BY FLOOR LEVEL ENSURES OPTIMAL THERMAL COMFORT, PRECISE LIGHT CONTROL, AND HARDWARE LONGEVITY.

MAXIMUM DIMENSIONS OF THE ev80 AND ev93d INSTALLATIONS

ev80

MINIMUM WIDTH : 650mm
MAXIMUM WIDTH : 5400mm
MAXIMUM WINDOW HEIGHT : 4800mm

ev93d

MINIMUM WIDTH : 800mm
MAXIMUM WIDTH : 4400mm
MAXIMUM WINDOW HEIGHT : 4500mm

AWNING & CASEMENT WINDOW INCOMPATIBILITY

EXTERNAL VENETIAN BLINDS MUST NOT BE SPECIFIED OVER OUTWARD-OPENING AWNING OR CASEMENT WINDOWS. EVBS ARE DESIGNED FOR FIXED GLAZING, SLIDING WINDOWS, OR INWARD-OPENING WINDOWS ONLY. STORM BARS, DOOR HARDWARE, AND PROJECTING FACADE ELEMENTS MUST BE CHECKED FOR CLEARANCE AT DESIGN STAGE.

GLAZING PROXIMITY

EXTERNAL VENETIAN BLINDS ARE DESIGNED AND ENGINEERED TO BE POSITIONED DIRECTLY AGAINST WINDOWS AS PART OF THE BUILDING ENVELOPE. EVBS ARE NOT TO BE LOCATED AWAY FROM THE GLAZING, FOR EXAMPLE ON OPEN BALCONIES, VERANDAHS, PERGOLAS, OR STAND-ALONE PORTALS. WIND TUNNEL TESTING CLEARLY DEMONSTRATES THAT INHERENT WIND STABILITY IS SIGNIFICANTLY COMPROMISED AS THE BLIND IS LOCATED FURTHER FROM THE WINDOW AND BUILDING ENVELOPE

MULTI-LEVEL BUILDINGS: MAINTENANCE & ACCESS

EVBS INSTALLED ABOVE GROUND LEVEL REQUIRE A CLEARLY DEFINED MAINTENANCE AND ACCESS STRATEGY BEFORE SPECIFICATION IS CONFIRMED. SUITABLE ACCESS METHODS INCLUDE MAINTENANCE WALKWAYS, BUILDING MAINTENANCE UNITS (BMU), OR OPERABLE WINDOWS. ABSEILING FROM ROOF ANCHORS IS NOT AN OPTION. RESOLVE ACCESS REQUIREMENTS AT DESIGN STAGE IN CONSULTATION WITH THE PROJECT ARCHITECT, FACADE ENGINEER, AND WHS CONSULTANT

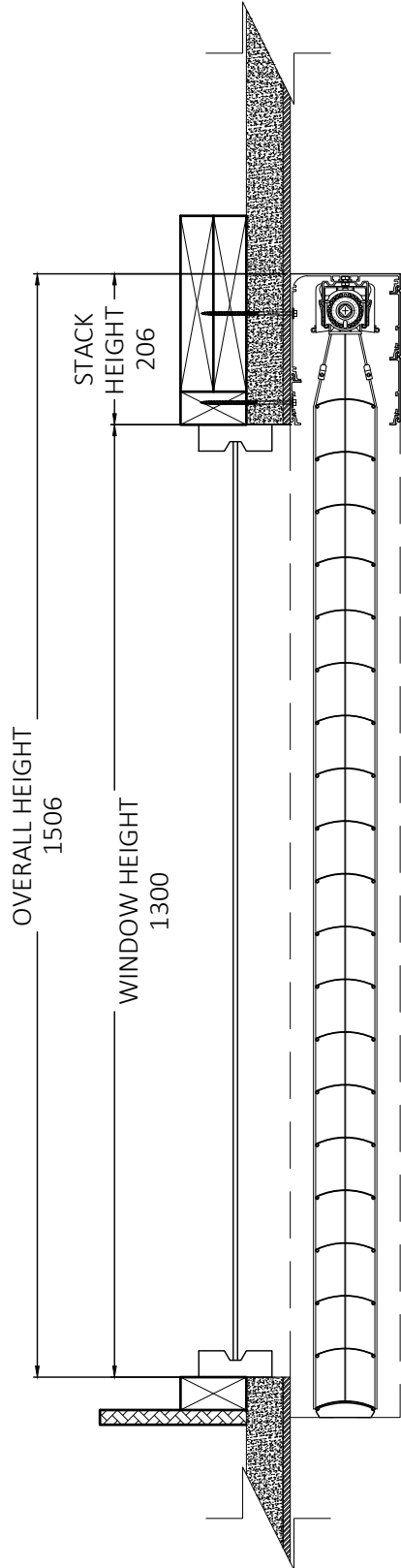
AS A PROUDLY CERTIFIED AUSTRALIAN MADE AND OWNED COMPANY, EVAYA PROVIDES ARCHITECTS AND BUILDERS WITH A CRITICAL ADVANTAGE: A SECURE, RESPONSIVE, AND ENVIRONMENTALLY RESPONSIBLE SUPPLY CHAIN. MANUFACTURING LOCALLY ON THE MORNINGTON PENINSULA DRASTICALLY REDUCES THE CARBON EMISSIONS ASSOCIATED WITH INTERNATIONAL FREIGHT AND LOGISTICS. OUR LOCAL PRODUCTION MODEL ALLOWS US TO OFFER INDUSTRY-LEADING LEAD TIMES AND UNPARALLELED POST-INSTALLATION SUPPORT.

EVAYA SYSTEM DRAWINGS

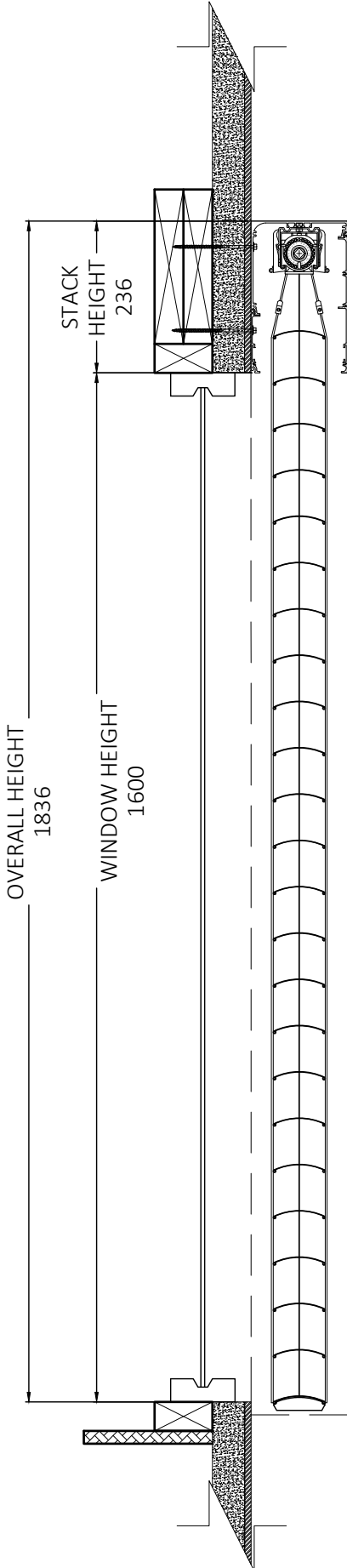
SYSTEM

SCALE	DRAWING NO.	SHEET
BY SK	DATE OCT'25	CLIENT
CHECKED PA	DATE OCT'25	ADDRESS

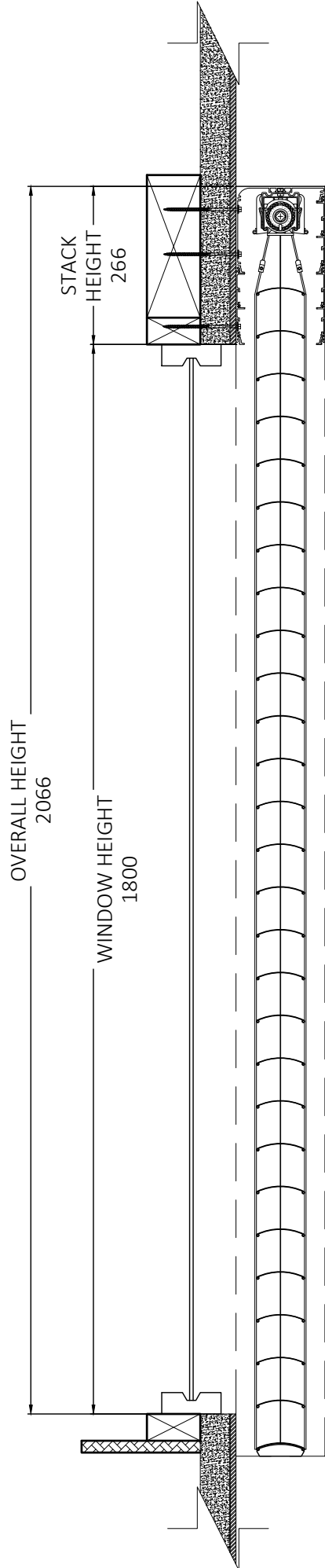
TYPE B 206



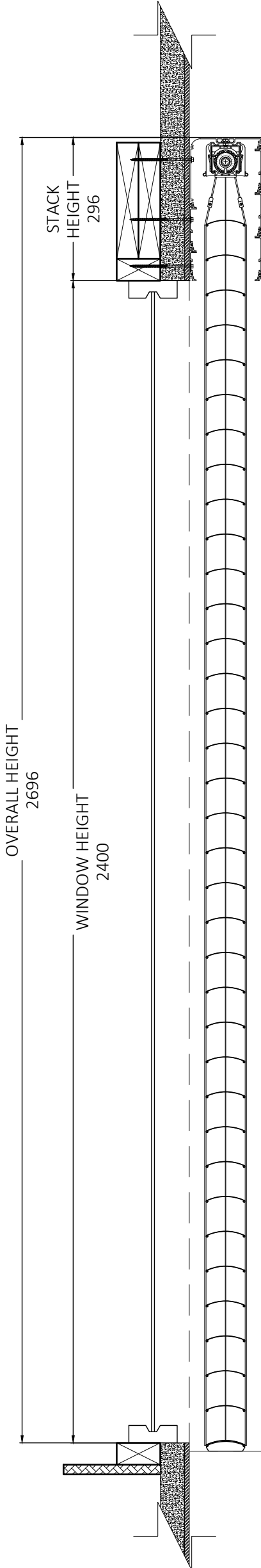
TYPE A 236



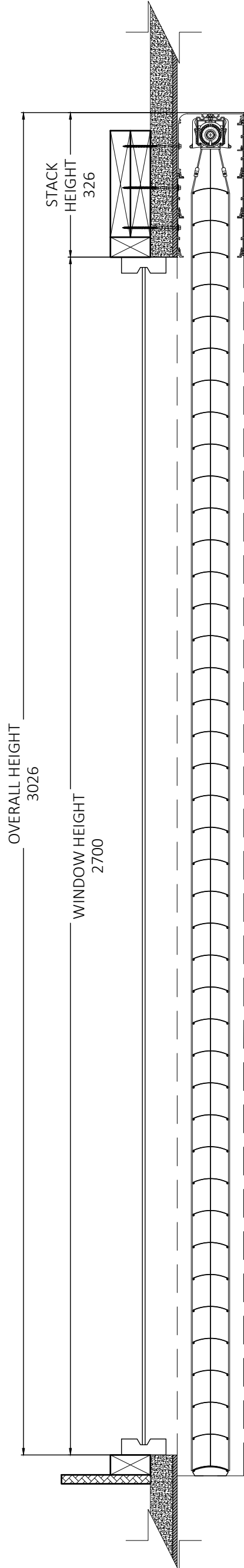
TYPE B 266



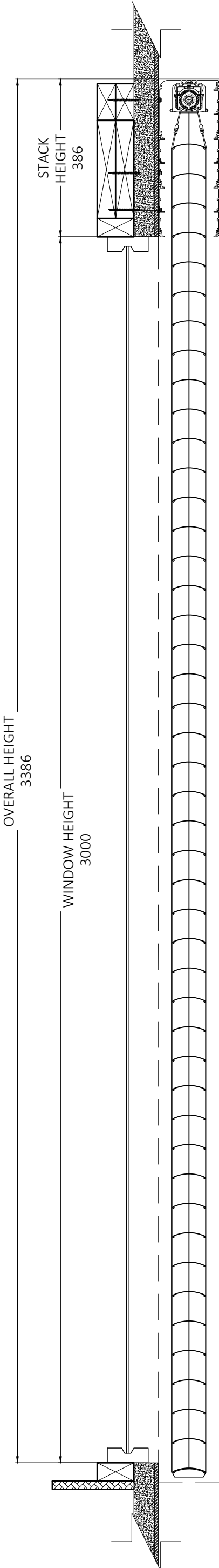
TYPE B 296



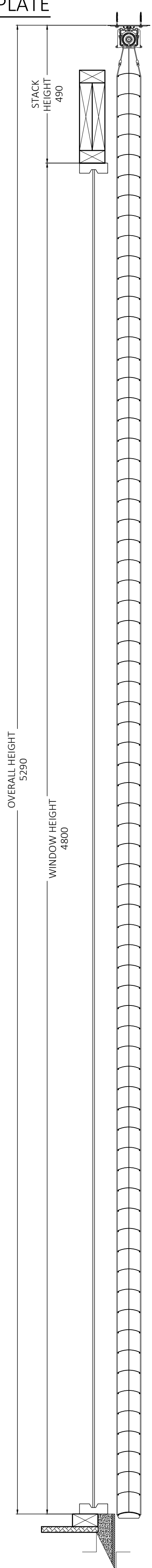
TYPE B 326



TYPE B 386



TYPE C MOUNTING
PLATE



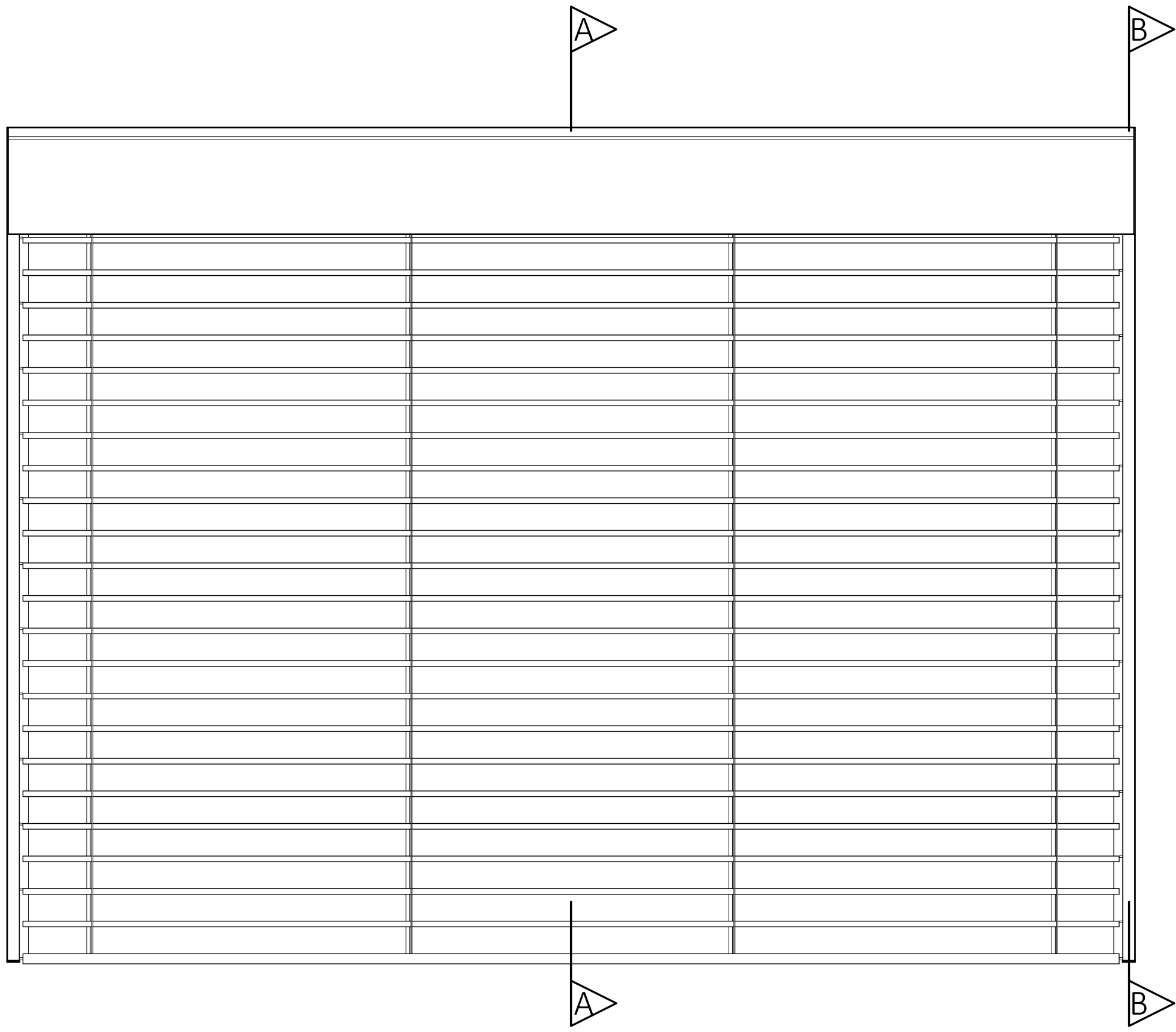
KEY TERMS

- OVERALL HEIGHT - REFERS TO THE DISTANCE BETWEEN THE UPPERMOST AND LOWERMOST POINTS OF THE ev80. TYPICALLY MEASURED FROM THE TOP OF THE PELMET TO THE WINDOW SILL.
- STACK HEIGHT - REFERS TO THE SPACE REQUIRED ABOVE THE HEAD OF THE WINDOW IN ORDER TO CONCEAL ALL OF THE WORKING COMPONENTS OF THE ev80 WHEN RAISED.
- WINDOW HEIGHT - REFERS TO THE HEIGHT OF THE WINDOW. CONSIDERATION MUST BE TAKEN IN THE INSTANCE THE ev80 IS TO EXTEND BEYOND THE LEVEL OF THE WINDOW SILL, THIS ADDITIONAL DISTANCE MUST BE ADDED TO THE WINDOW HEIGHT TO ENSURE THE CORRECT PELMET IS SELECTED

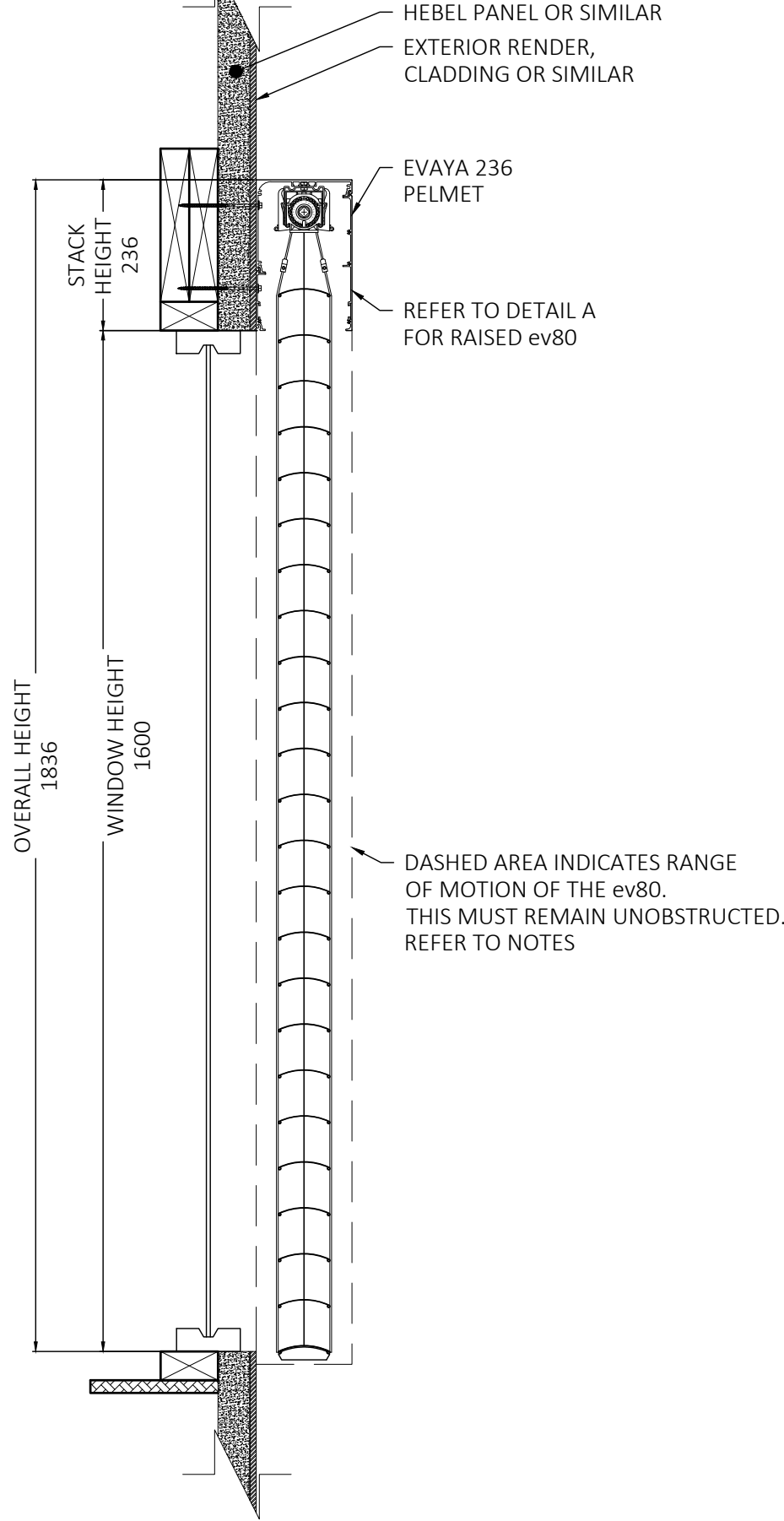
PELMET TYPE FOR WINDOW HEIGHTS

WINDOW HEIGHT (mm)	PELMET TYPE						
900	TYPE B 206	TYPE A 236	TYPE B 266	TYPE B 296	TYPE B 326	TYPE B 386	TYPE C
1000							
1100							
1200							
1300							
1400							
1500							
1600							
1700							
1800							
1900							
2000							
2100							
2200							
2300							
2400							
2500							TYPE C
2600							
2700							
2800							
2900							
3000							
3500							
4000							
4500							
4800							

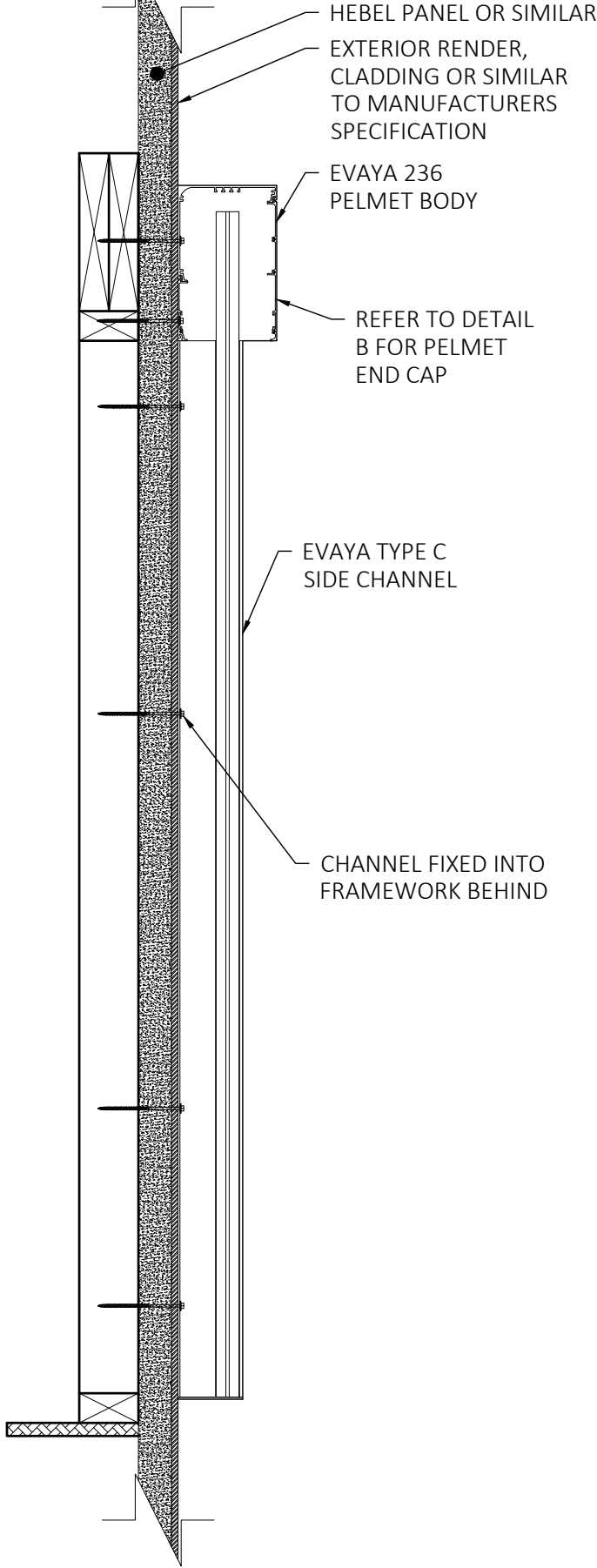
FRONT ELEVATION
TYPE A 236 PELMET WITH TYPE C SIDE CHANNELS



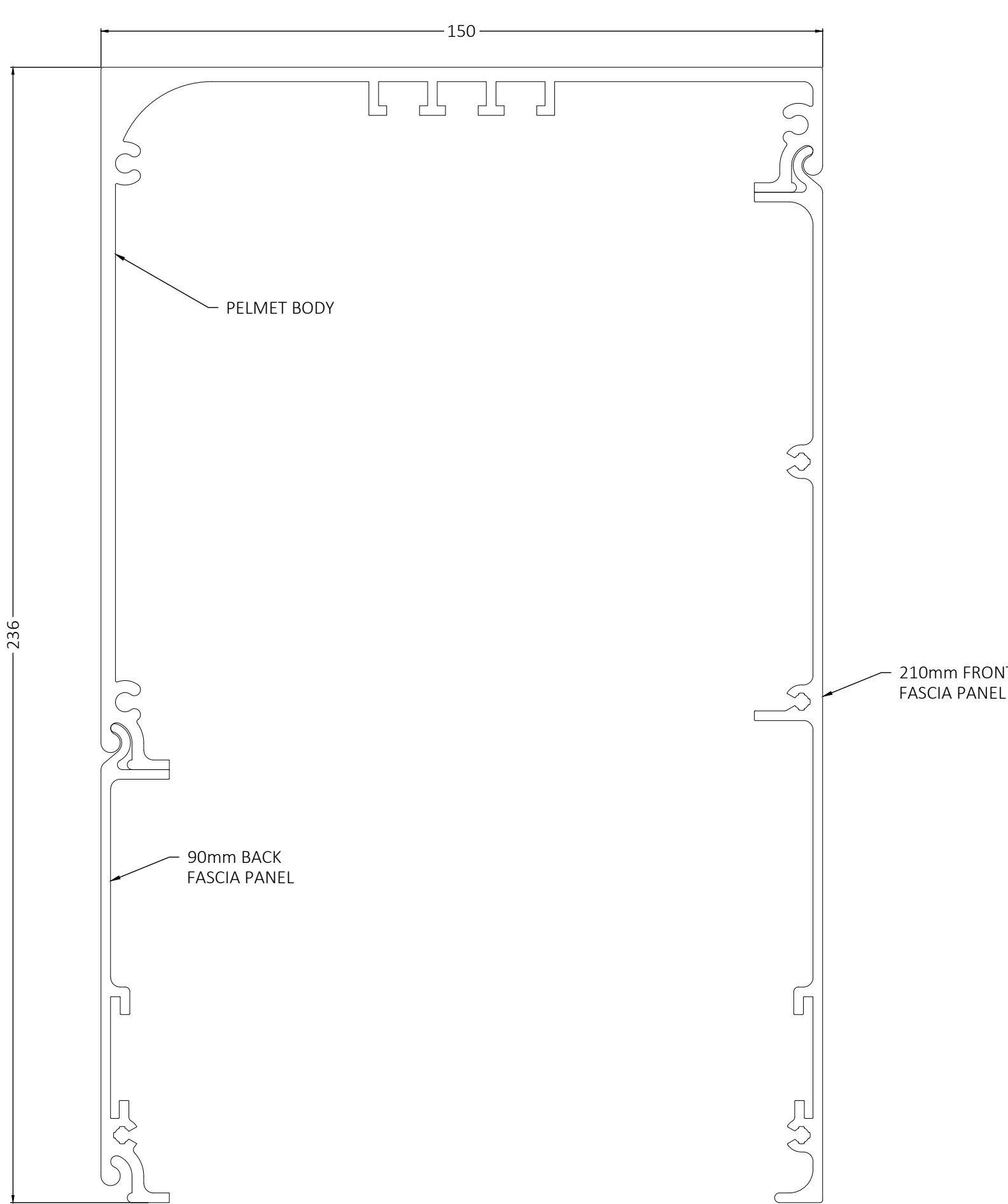
SECTION A-A
LOWERED



SECTION B-B

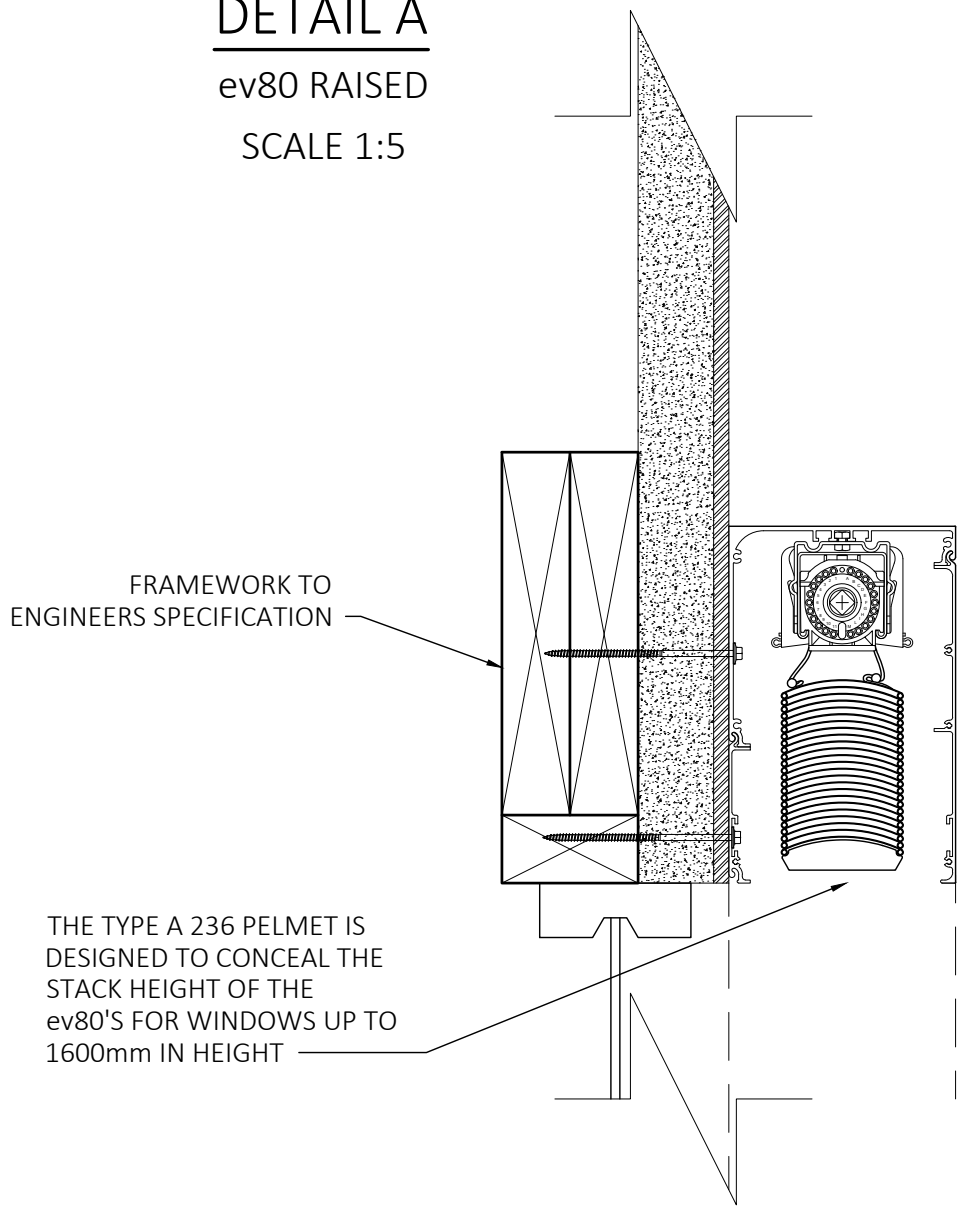


PELMET PROFILE
SCALE 1:1



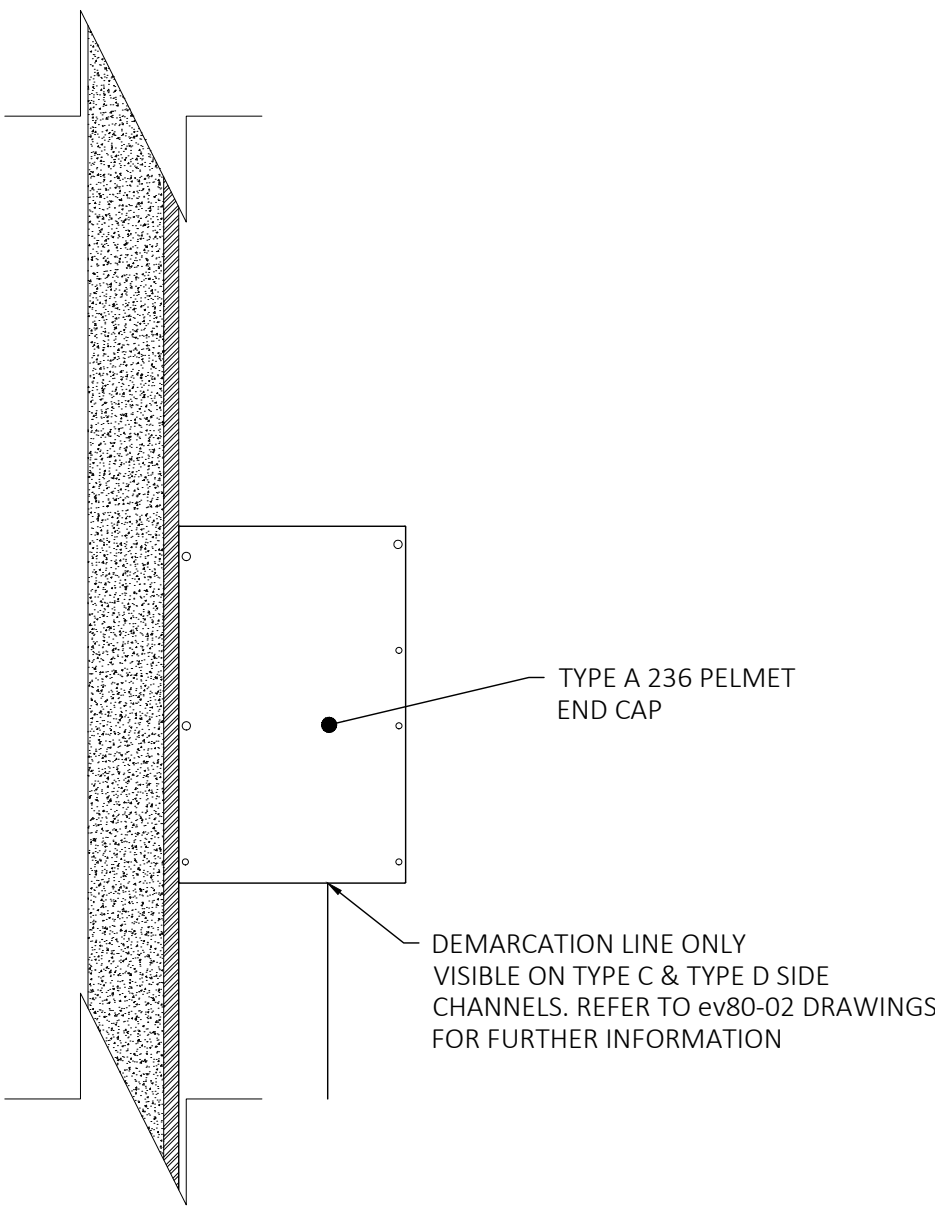
DETAIL A

ev80 RAISED
SCALE 1:5



DETAIL B

PELMET END CAP
SCALE 1:5

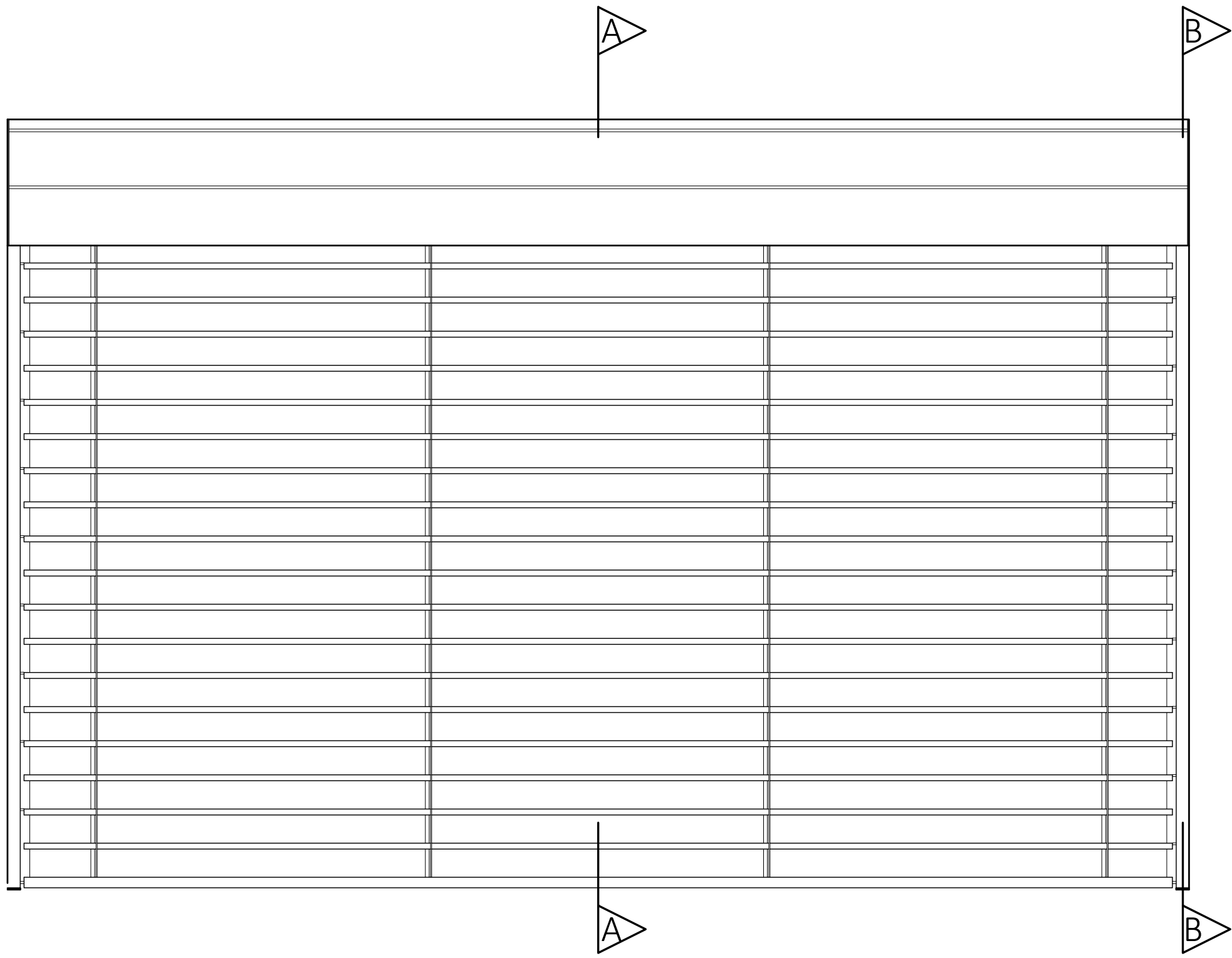


NOTES

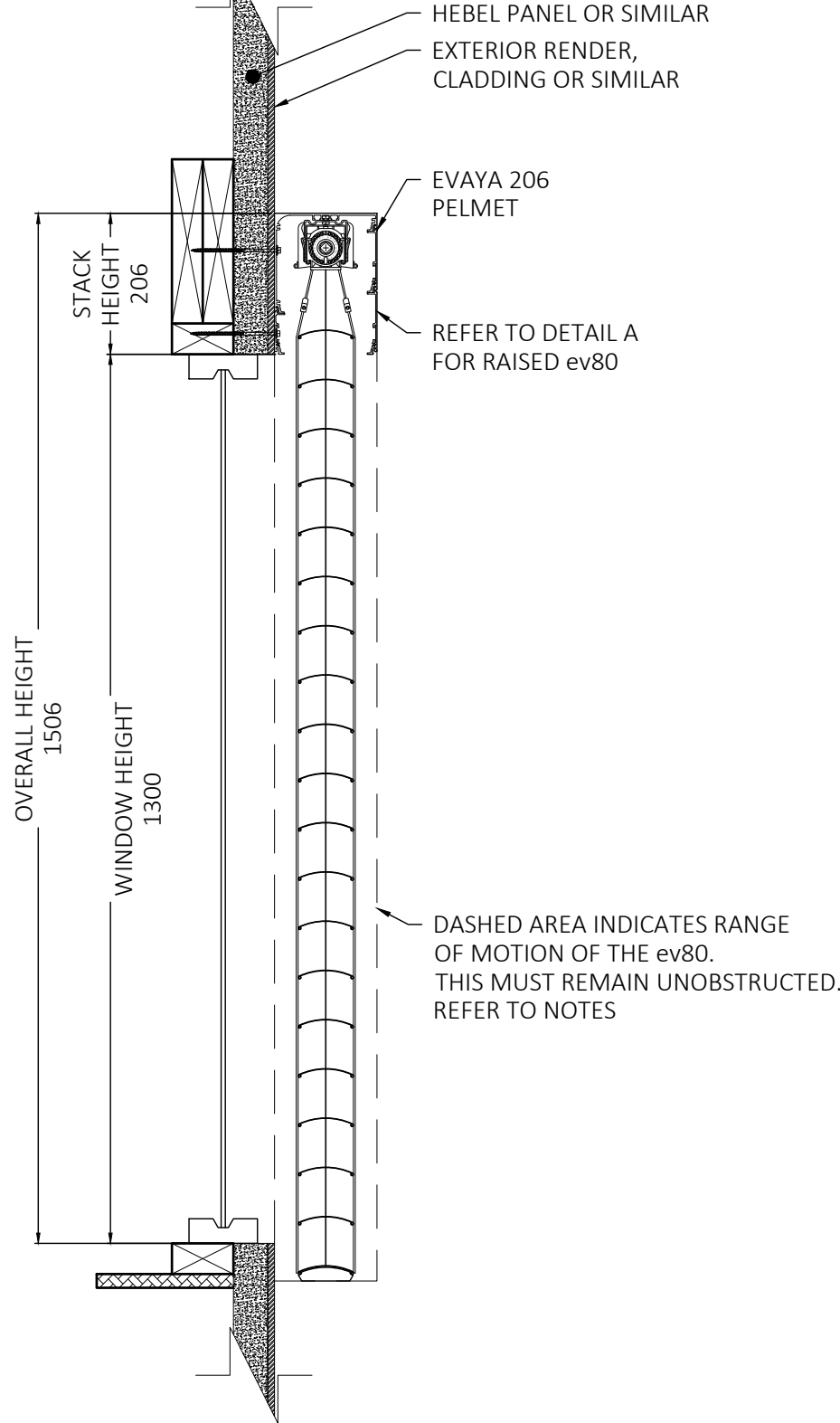
- PELEMT DRAWN IS A TYPE A 236 PELMET WITH TYPE C CHANNELS, WINDOW IS 1600mm HIGH x 2400mm WIDE
- THE TYPE A 236 PELMET IS DESIGNED TO CONCEAL THE STACK HEIGHT OF THE ev80'S FOR WINDOWS UP TO 1600mm IN HEIGHT
- COMPATIBLE WITH ALL EVAYA CHANNEL TYPES, REFER TO DRAWING ev80-02 FOR FURTHER DETAIL
- TOP AND BACK FIXING POSSIBLE FOR FACE FIT AND RECESS APPLICATIONS, REFER TO DRAWING ev80-05-01 FOR FURTHER DETAIL
- DASHED AREA INDICATES RANGE OF MOTION OF THE ev80. THIS MUST REMAIN UNOBSTRUCTED
- OBSTACLES WHICH MAY CAUSE POSSIBLE INTERFERENCE INCLUDE:
 - OUTWARD OPENING AWNING WINDOWS
 - DOOR AND WINDOW HARDWARE
 - STORMBARS
 - ETC

TYPE A 236 PELMET
SYSTEM - ev80 PELMET

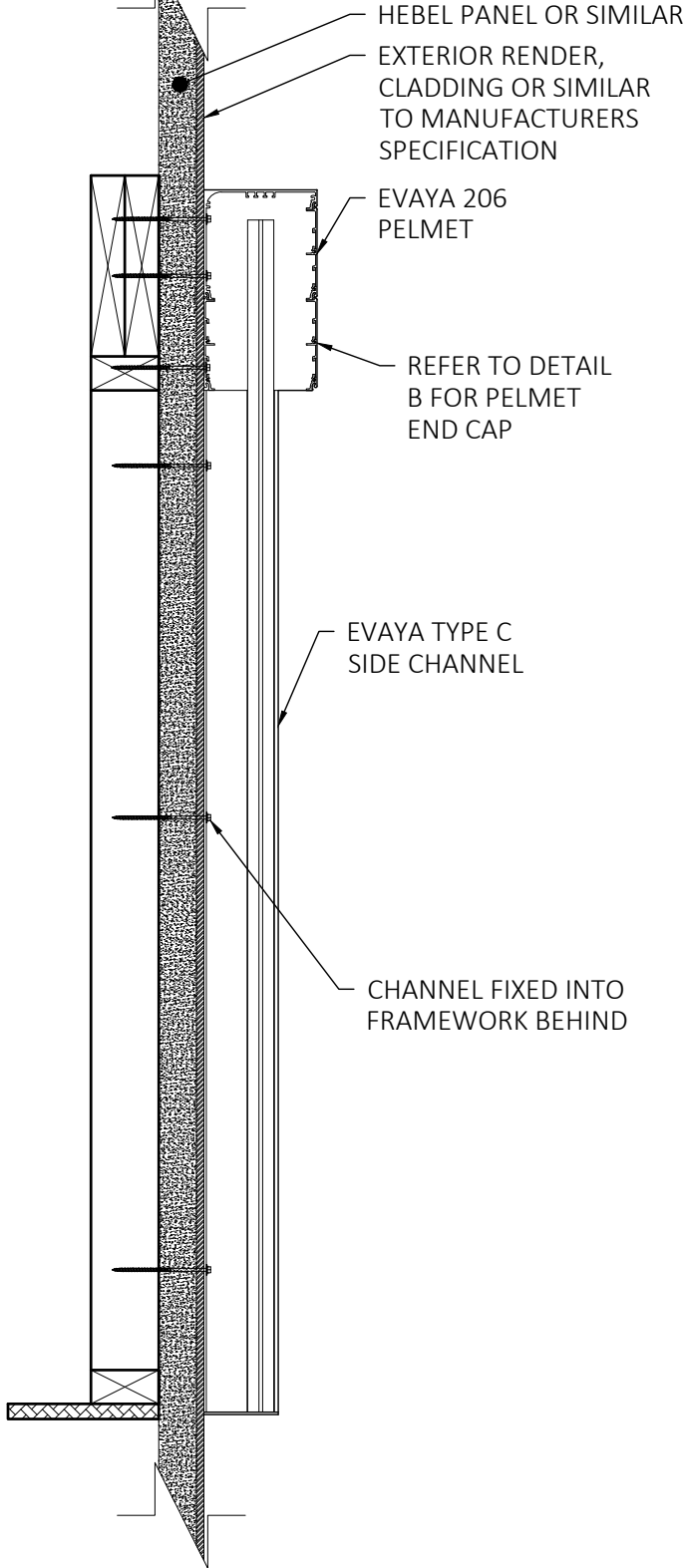
FRONT ELEVATION
TYPE B 206 PELMET WITH TYPE C SIDE CHANNELS



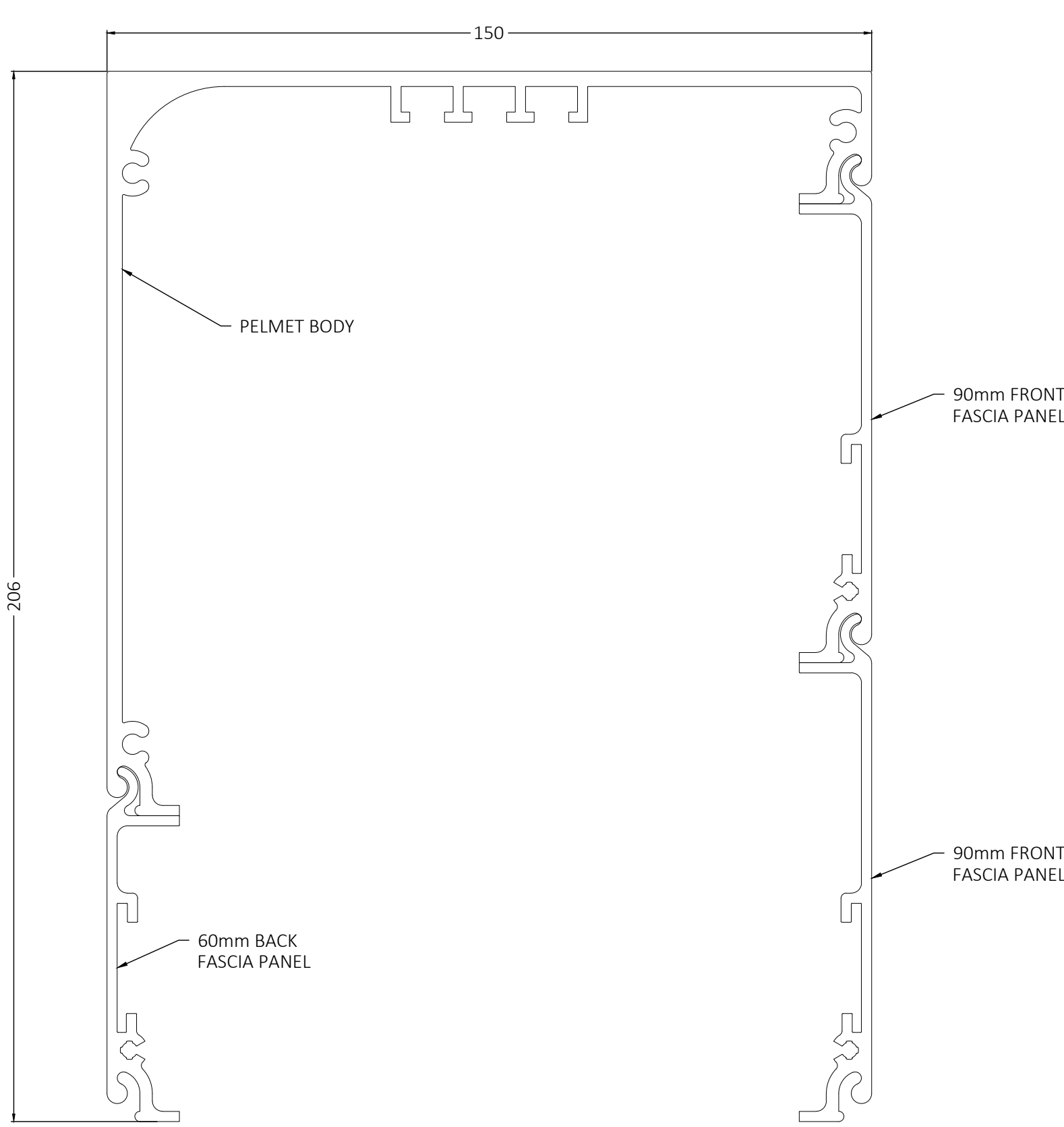
SECTION A-A
LOWERED



SECTION B-B

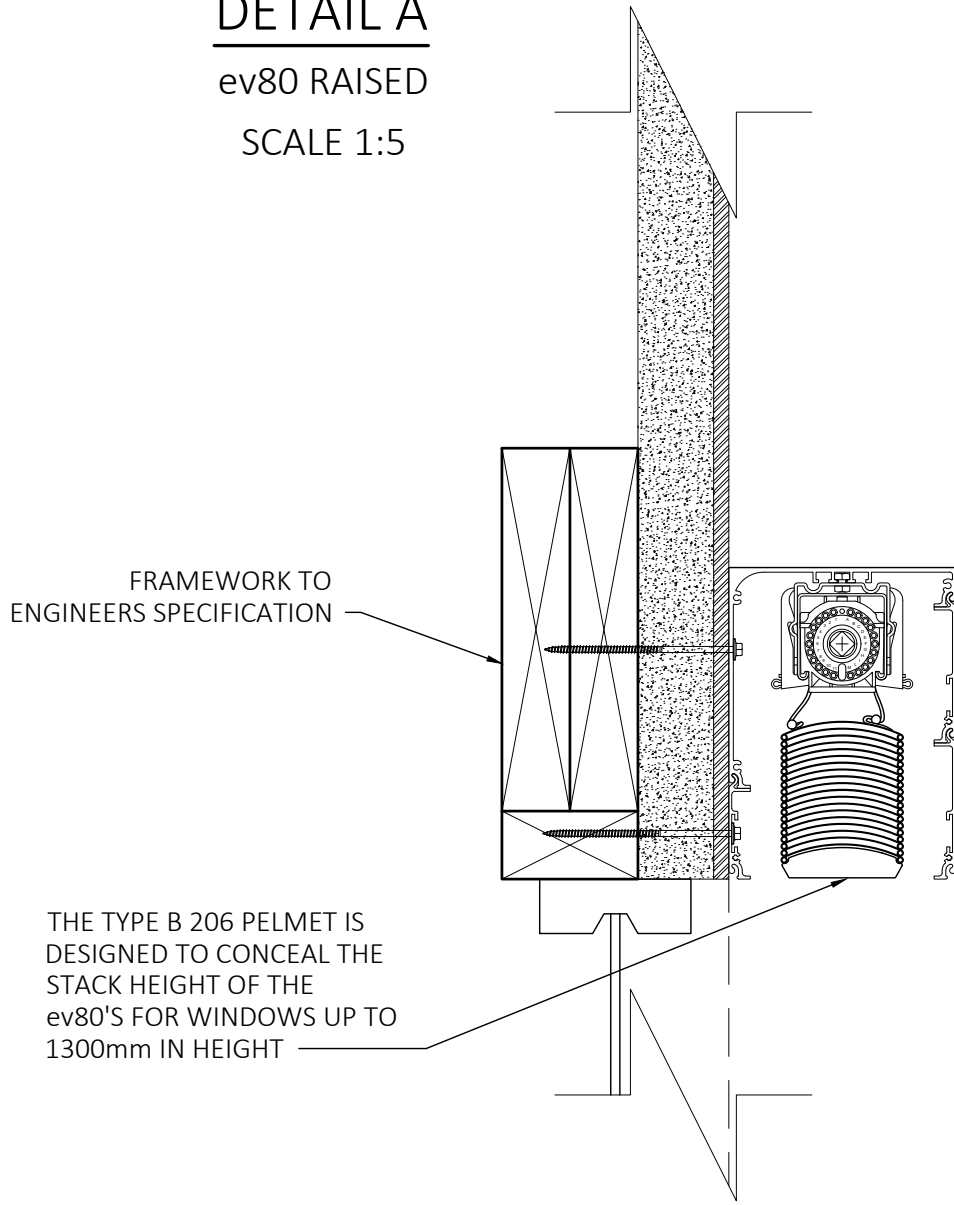


PELMET PROFILE
SCALE 1:1



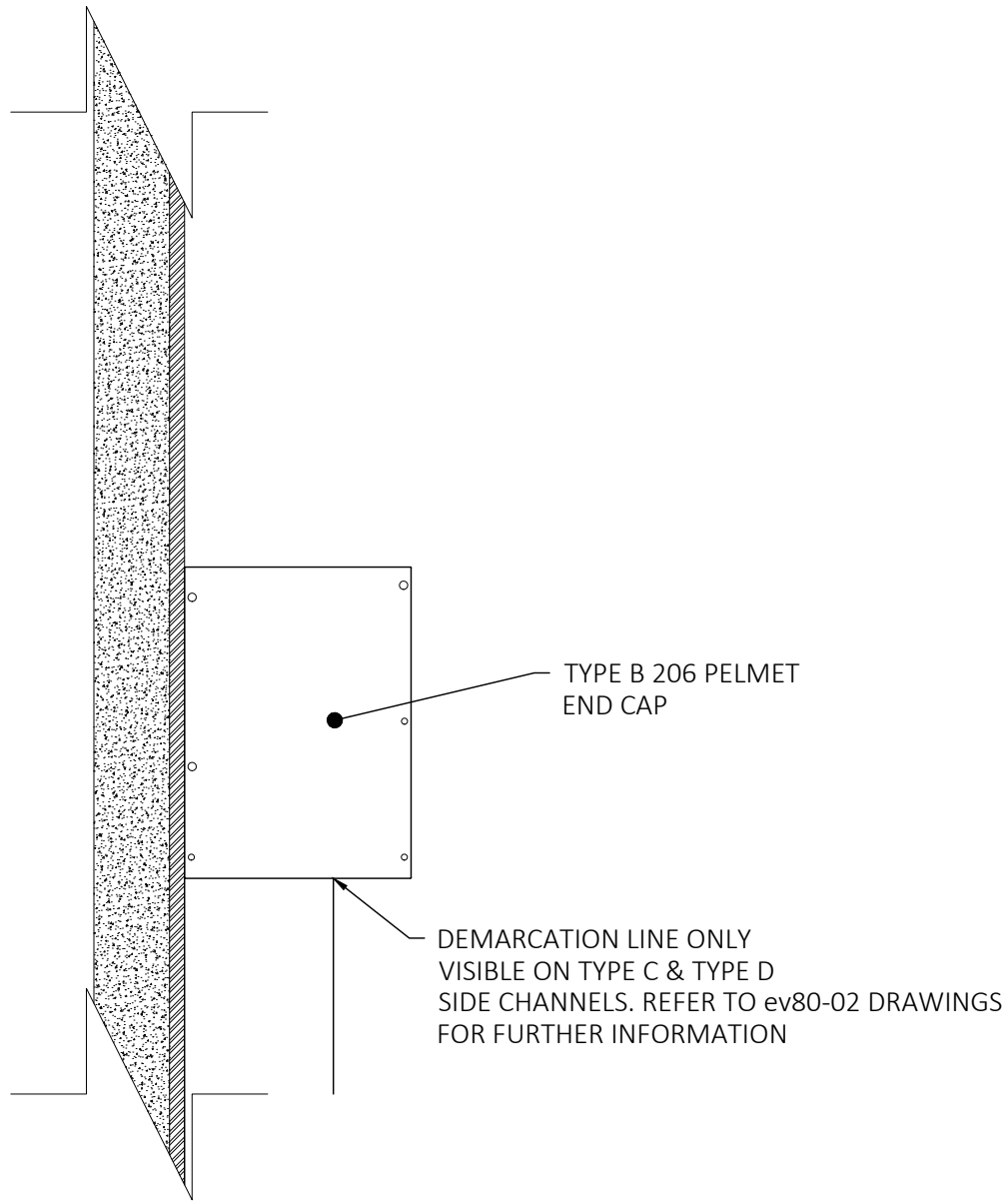
DETAIL A

ev80 RAISED
SCALE 1:5



DETAIL B

PELMET END CAP
SCALE 1:5



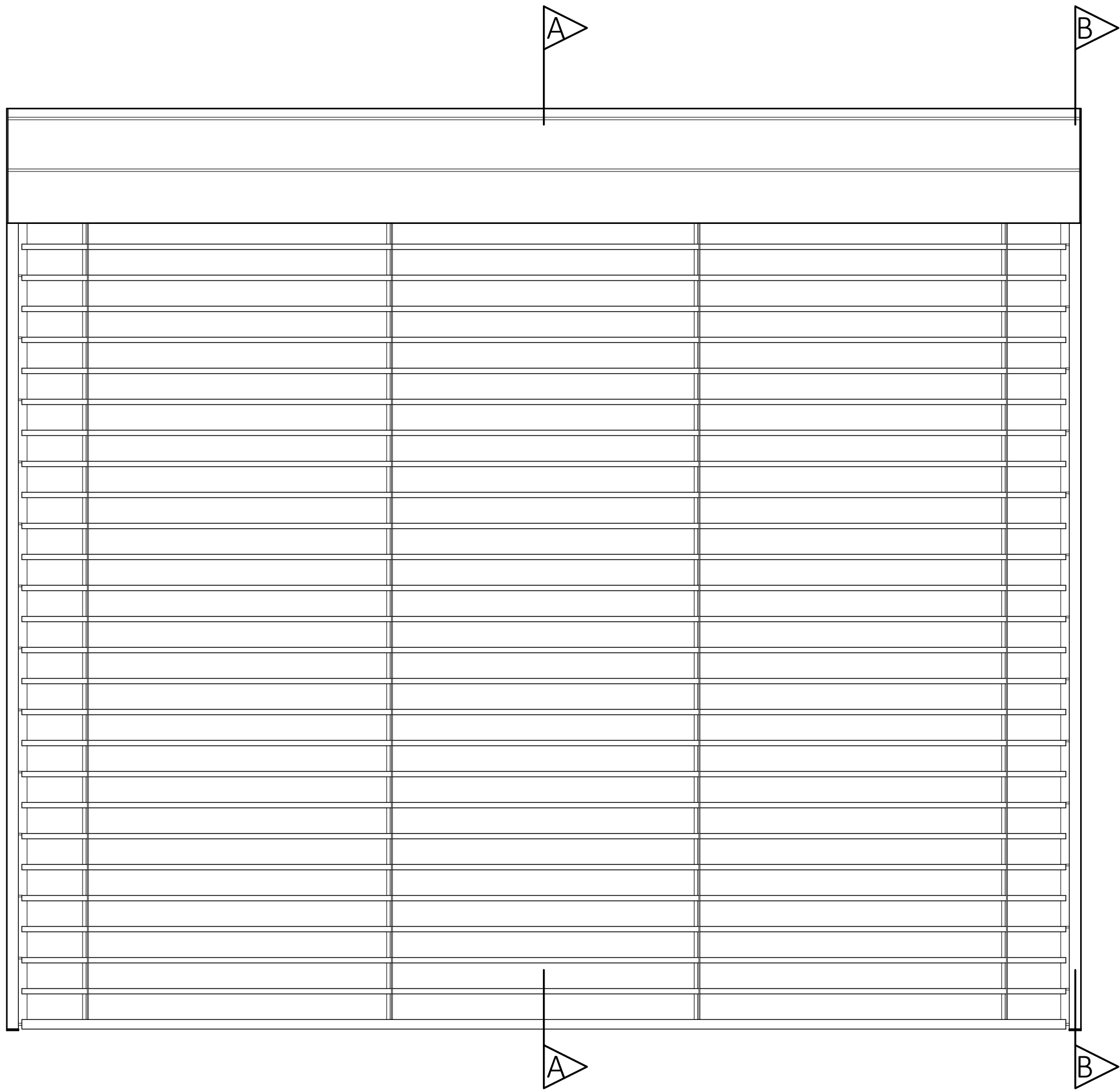
NOTES

- PELEMT DRAWN IS A TYPE B 206 PELMET WITH TYPE C CHANNELS, WINDOW IS 1300mm HIGH x 2400mm WIDE
- THE TYPE B 206 PELMET IS DESIGNED TO CONCEAL THE STACK HEIGHT OF THE ev80'S FOR WINDOWS UP TO 1300mm IN HEIGHT
- COMPATIBLE WITH ALL EVAYA CHANNEL TYPES, REFER TO DRAWING ev80-02 FOR FURTHER DETAIL
- TOP AND BACK FIXING POSSIBLE FOR FACE FIT AND RECESS APPLICATIONS, REFER TO DRAWING ev80-05-01 FOR FURTHER DETAIL
- DASHED AREA INDICATES RANGE OF MOTION OF THE ev80. THIS MUST REMAIN UNOBSTRUCTED
- OBSTACLES WHICH MAY CAUSE POSSIBLE INTERFERENCE INCLUDE:
 - OUTWARD OPENING AWNING WINDOWS
 - DOOR AND WINDOW HARDWARE
 - STORMBARS
 - ETC

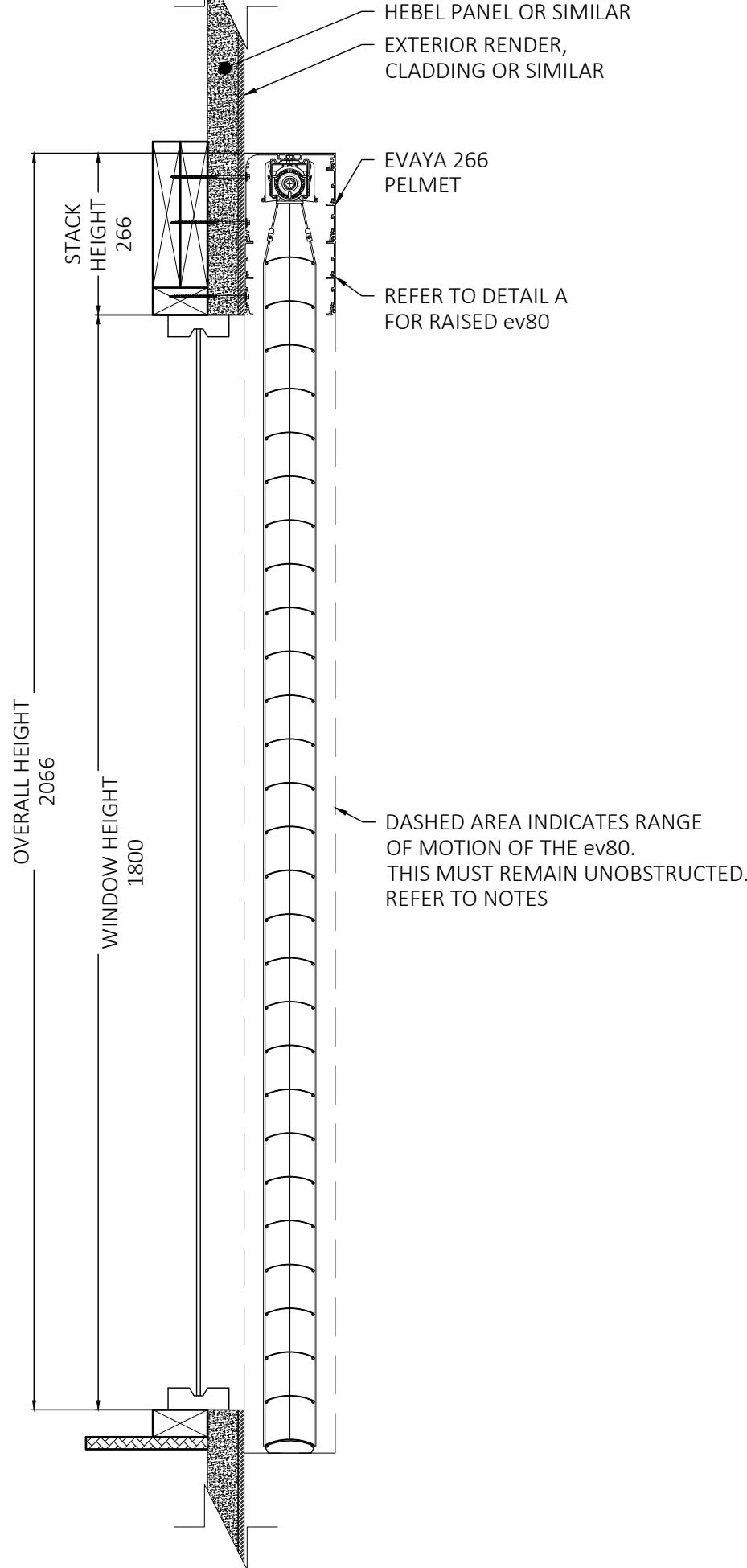
TYPE B 206 PELMET
SYSTEM - ev80 PELMET

SCALE 1:10 @ A1	DRAWING NO. ev80SYSTEM-01-02.B	SHEET 3 of 60
BY SK	DATE AUG'25	CLIENT
CHECKED PA	DATE AUG'25	ADDRESS

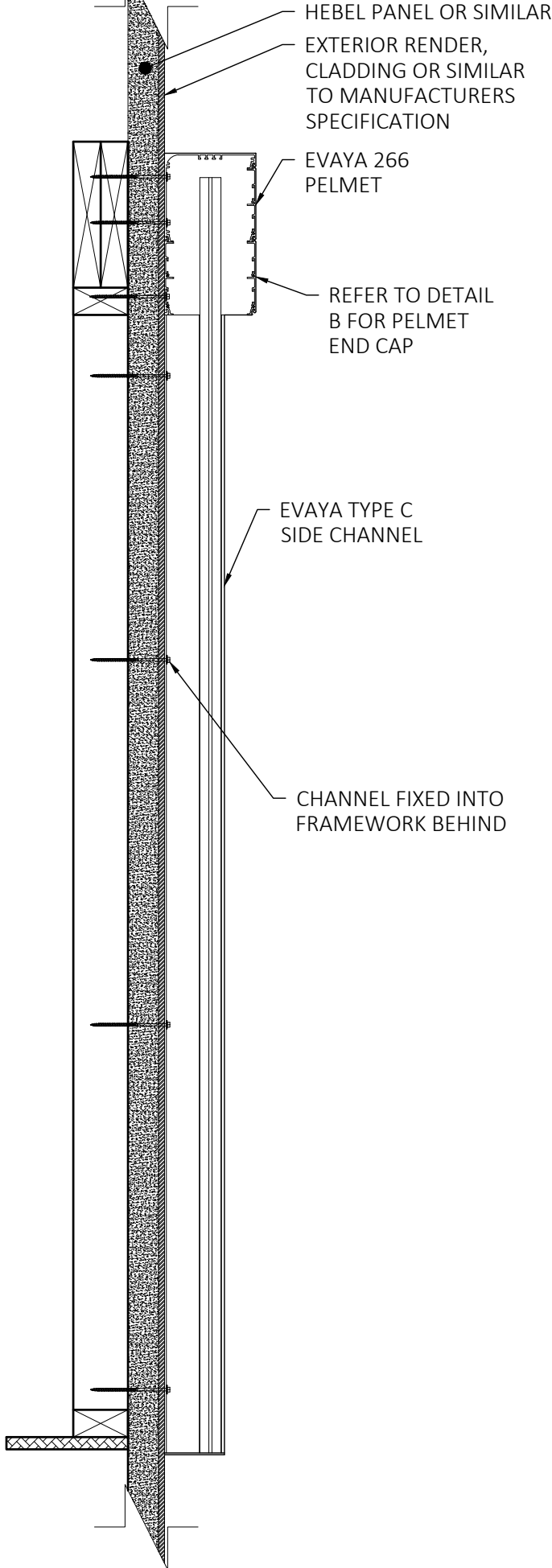
FRONT ELEVATION
266 PELMET WITH TYPE C SIDE CHANNELS



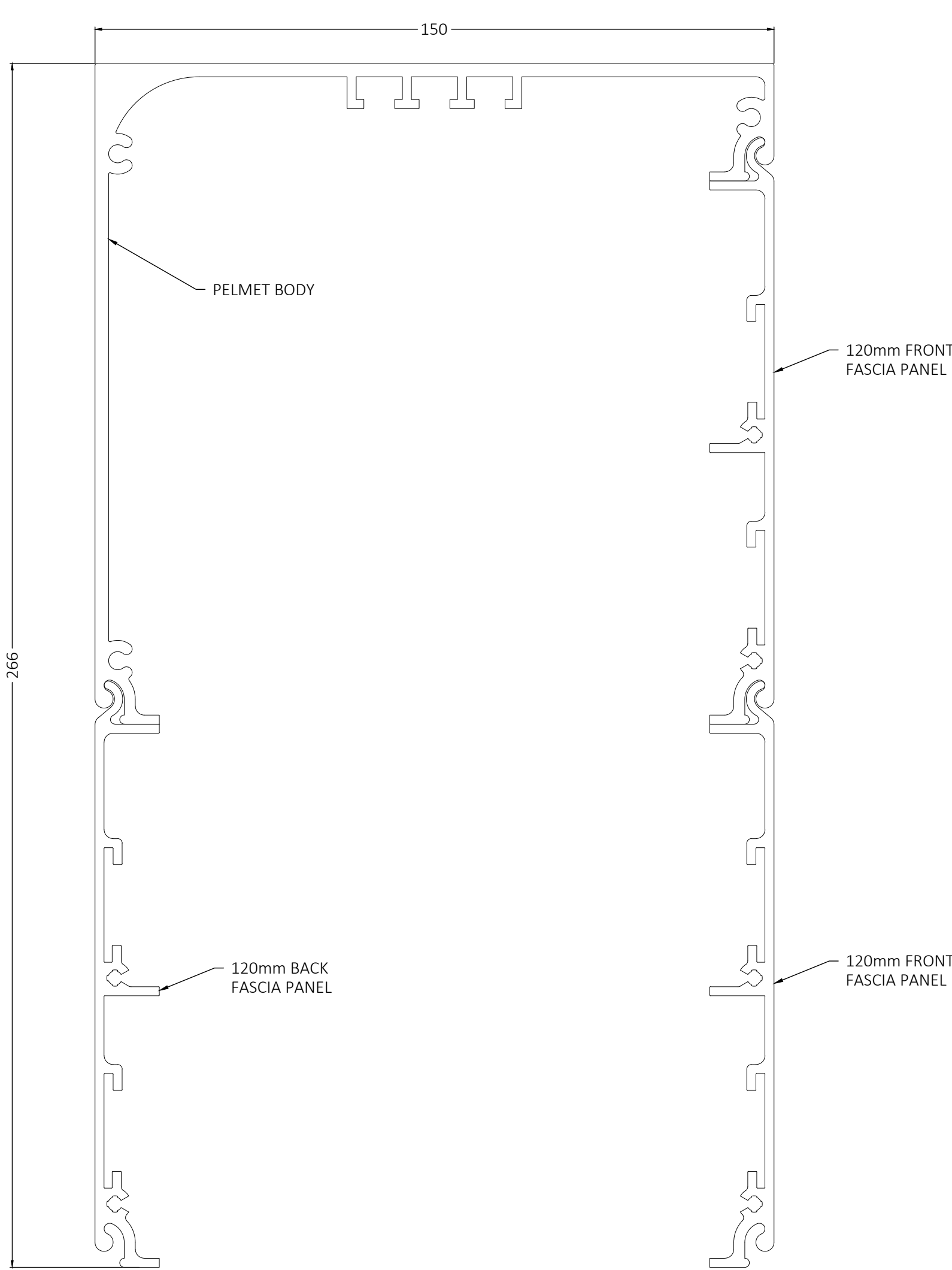
SECTION A-A
LOWERED



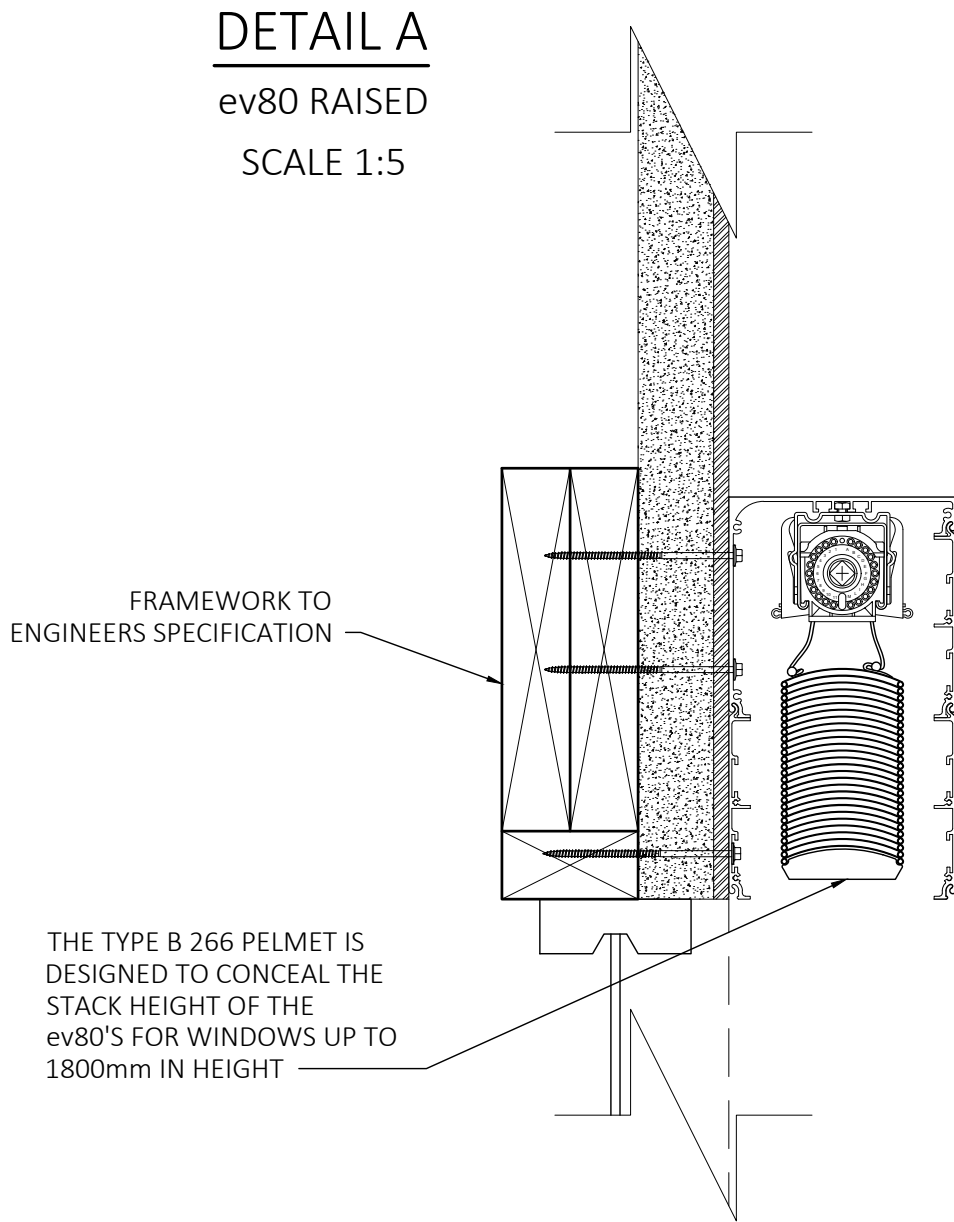
SECTION B-B



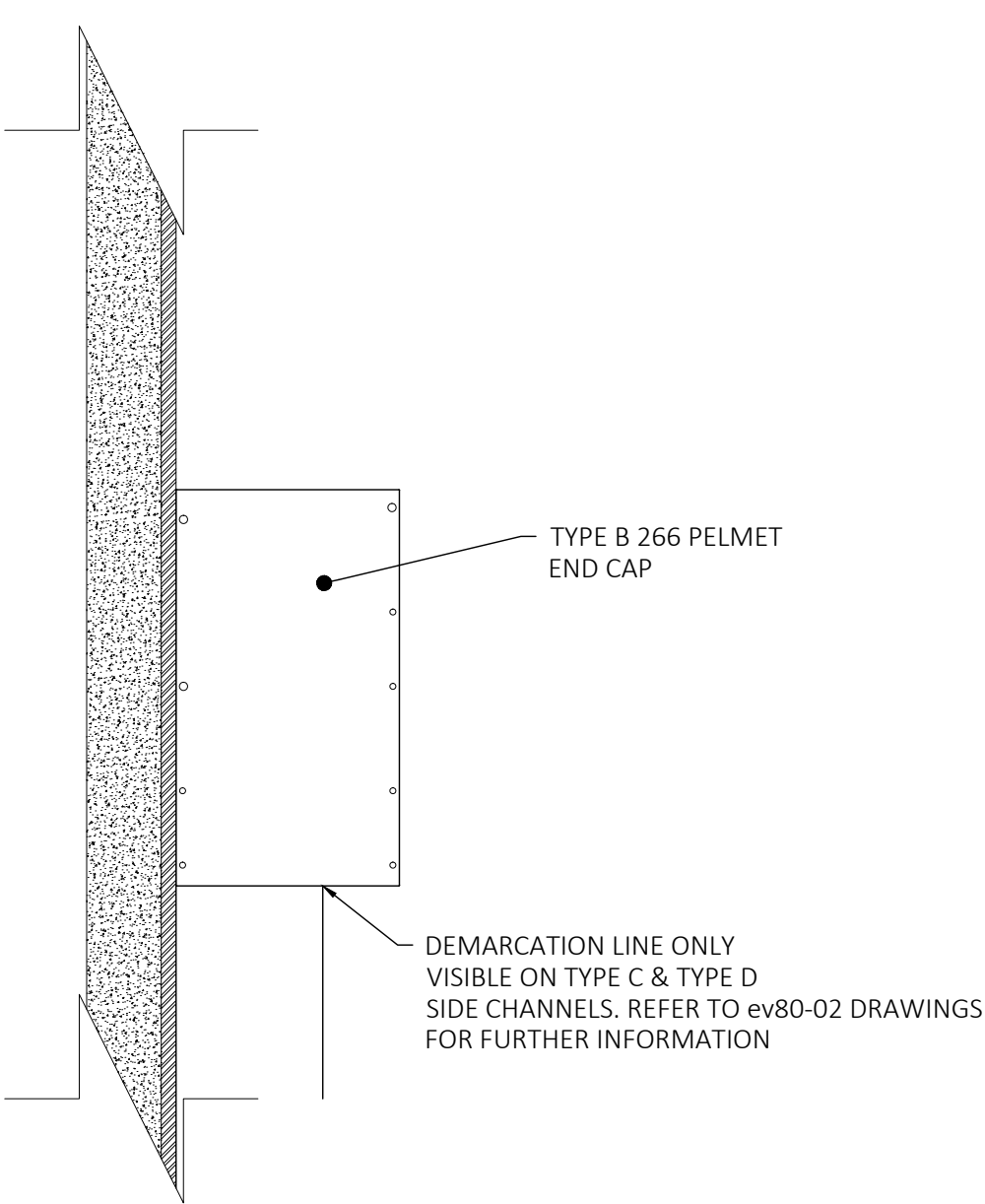
PELMET PROFILE
SCALE 1:1



DETAIL A
ev80 RAISED
SCALE 1:5



DETAIL B
PELMET END CAP
SCALE 1:5



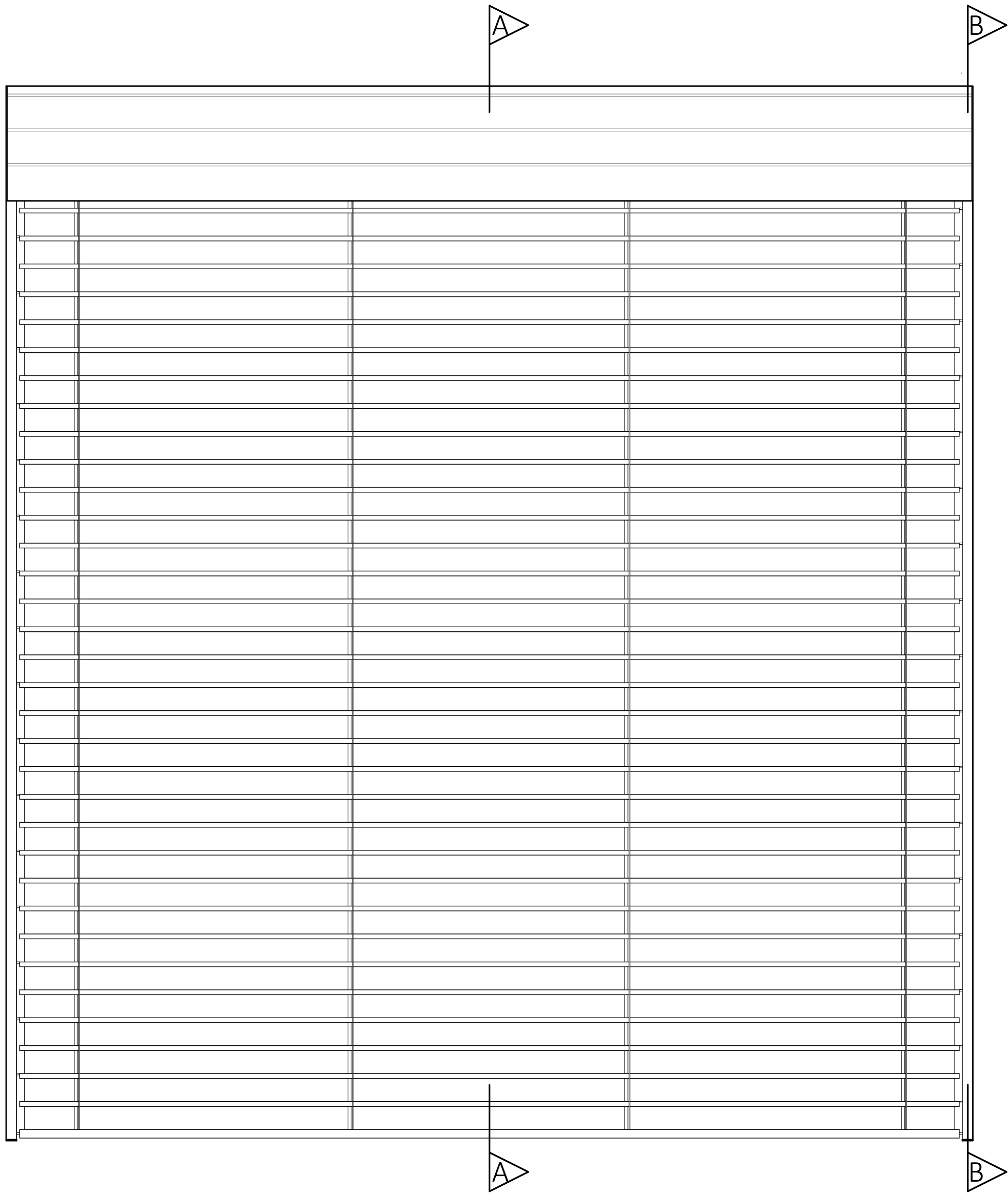
NOTES

- PELEMT DRAWN IS A 266 PELMET WITH TYPE C CHANNELS, WINDOW IS 1800mm HIGH x 2400mm WIDE
- THE 266 PELMET IS DESIGNED TO CONCEAL THE STACK HEIGHT OF THE ev80'S FOR WINDOWS UP TO 1800mm IN HEIGHT
- COMPATIBLE WITH ALL EVAYA CHANNEL TYPES, REFER TO DRAWING ev80-02 FOR FURTHER DETAIL
- TOP AND BACK FIXING POSSIBLE FOR FACE FIT AND RECESS APPLICATIONS, REFER TO DRAWING ev80-05-01 FOR FURTHER DETAIL
- DASHED AREA INDICATES RANGE OF MOTION OF THE ev80. THIS MUST REMAIN UNOBSTRUCTED
- OBSTACLES WHICH MAY CAUSE POSSIBLE INTERFERENCE INCLUDE:
 - OUTWARD OPENING AWNING WINDOWS
 - DOOR AND WINDOW HARDWARE
 - STORMBARS
 - ETC

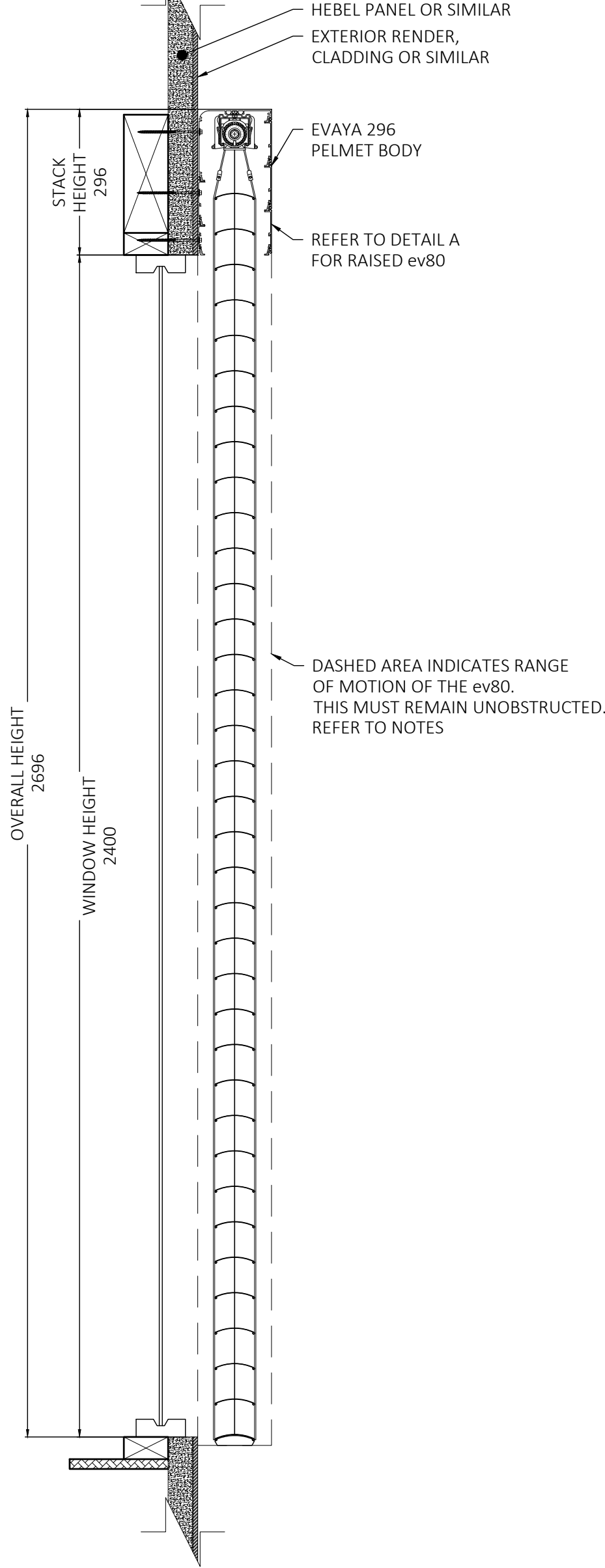
TYPE B 266 PELMET
SYSTEM - ev80 PELMET

SCALE 1:10 @ A1	DRAWING NO. ev80SYSTEM-01-03.B	SHEET 4 of 60
BY SK	DATE AUG'25	CLIENT
CHECKED PA	DATE AUG'25	ADDRESS

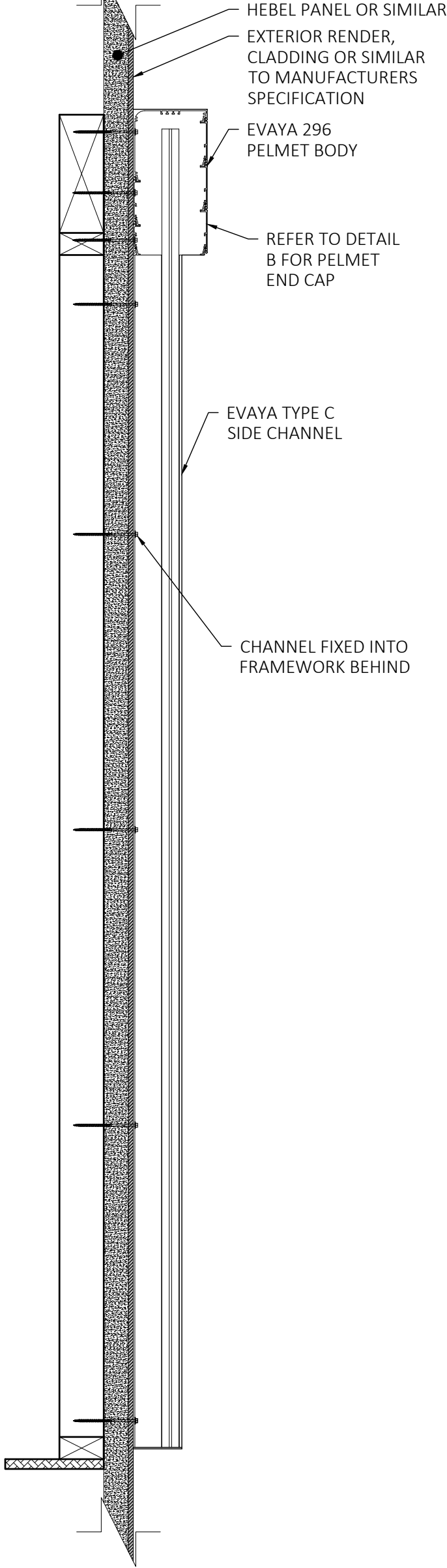
FRONT ELEVATION
TYPE B 296 PELMET WITH TYPE C SIDE CHANNELS



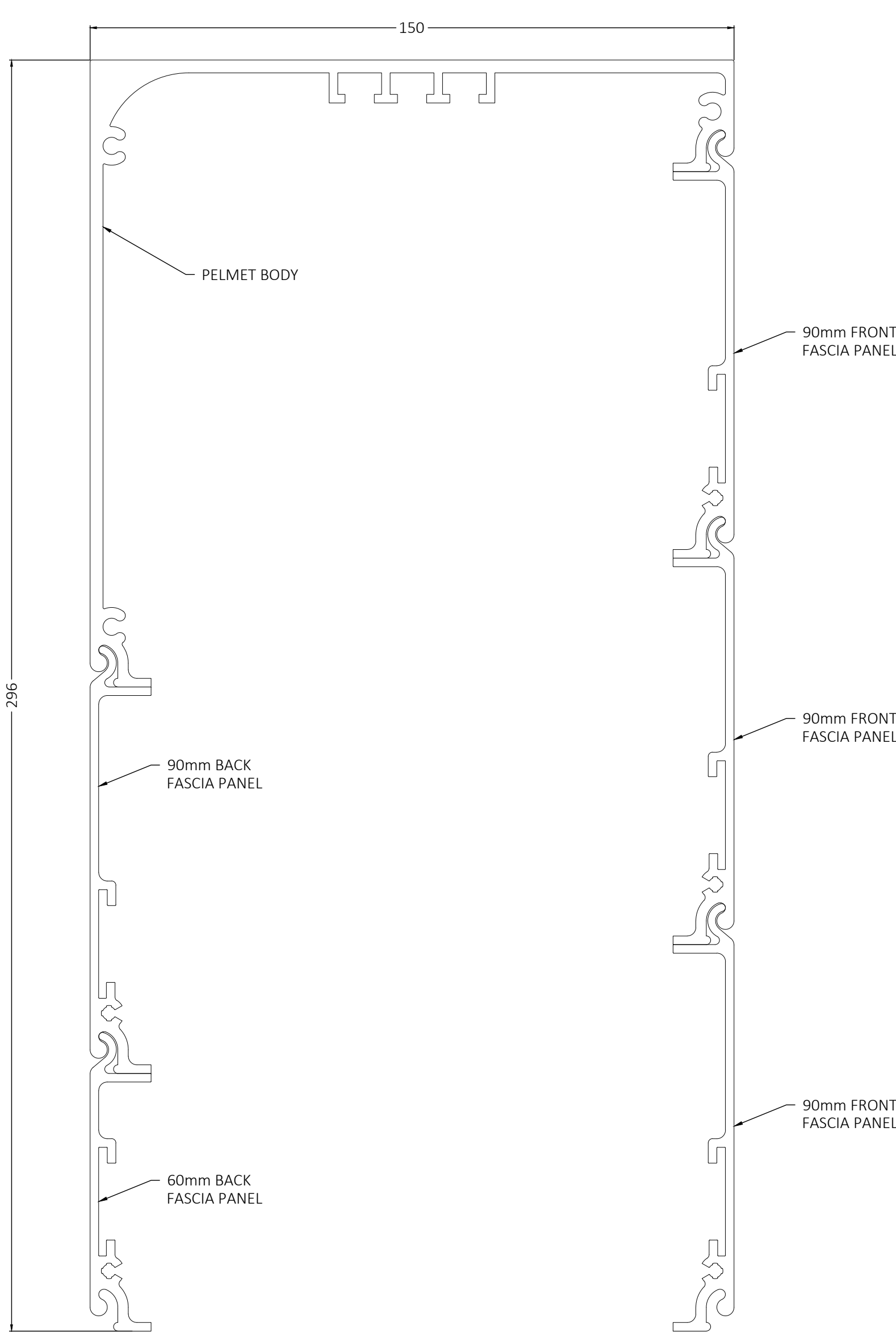
SECTION A-A
LOWERED



SECTION B-B



PELMET PROFILE
SCALE 1:1

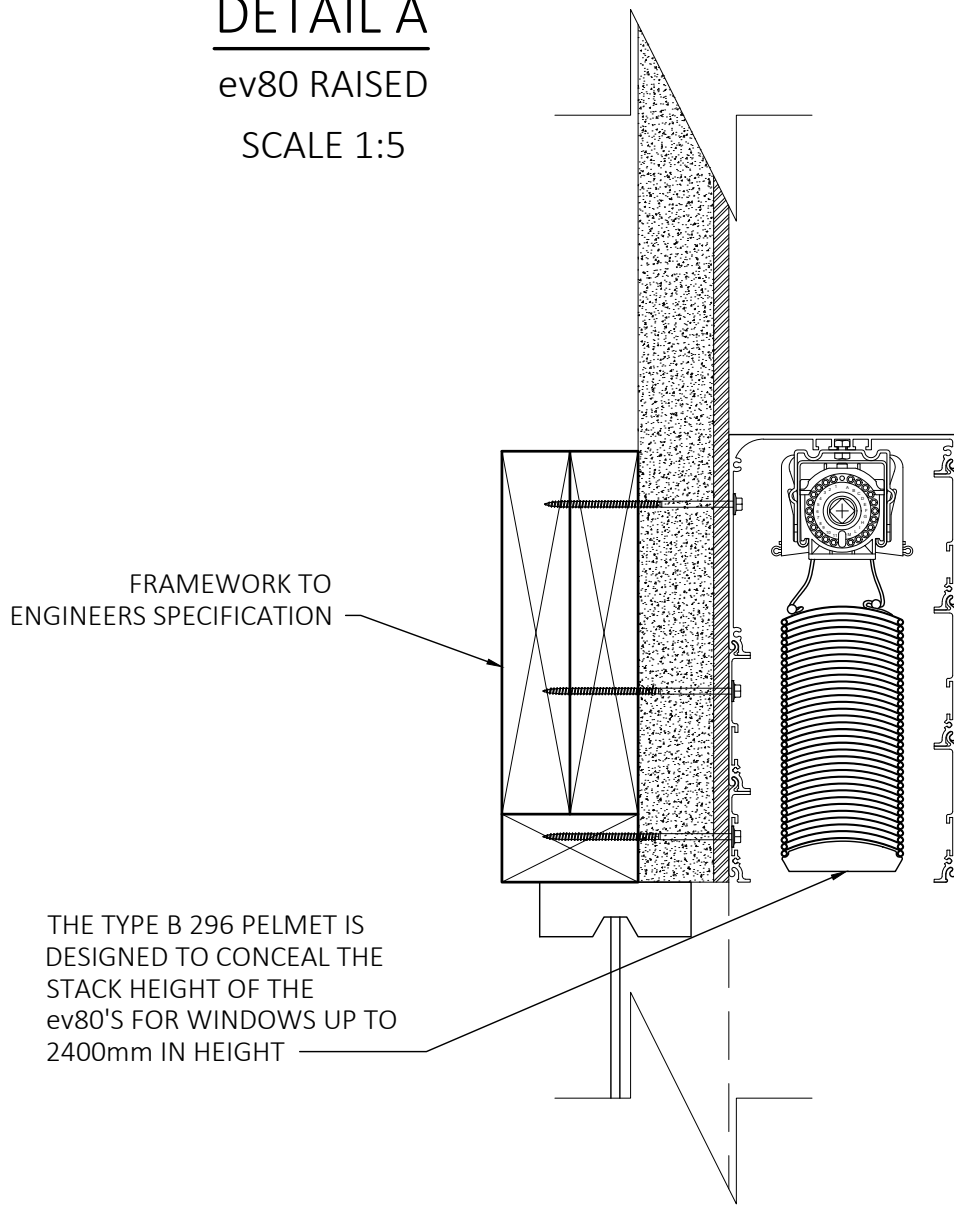


NOTES

- PELEMT DRAWN IS A TYPE B 296 PELMET WITH TYPE C CHANNELS, WINDOW IS 2400mm HIGH x 2400mm WIDE
- THE TYPE B 296 PELMET IS DESIGNED TO CONCEAL THE STACK HEIGHT OF THE ev80'S FOR WINDOWS UP TO 2400mm IN HEIGHT
- COMPATIBLE WITH ALL EVAYA CHANNEL TYPES, REFER TO DRAWING ev80-02 FOR FURTHER DETAIL
- TOP AND BACK FIXING POSSIBLE FOR FACE FIT AND RECESS APPLICATIONS, REFER TO DRAWING ev80-05-01 FOR FURTHER DETAIL
- DASHED AREA INDICATES RANGE OF MOTION OF THE ev80. THIS MUST REMAIN UNOBSTRUCTED
- OBSTACLES WHICH MAY CAUSE POSSIBLE INTERFERENCE INCLUDE:
 - OUTWARD OPENING AWNING WINDOWS
 - DOOR AND WINDOW HARDWARE
 - STORMBARS
 - ETC

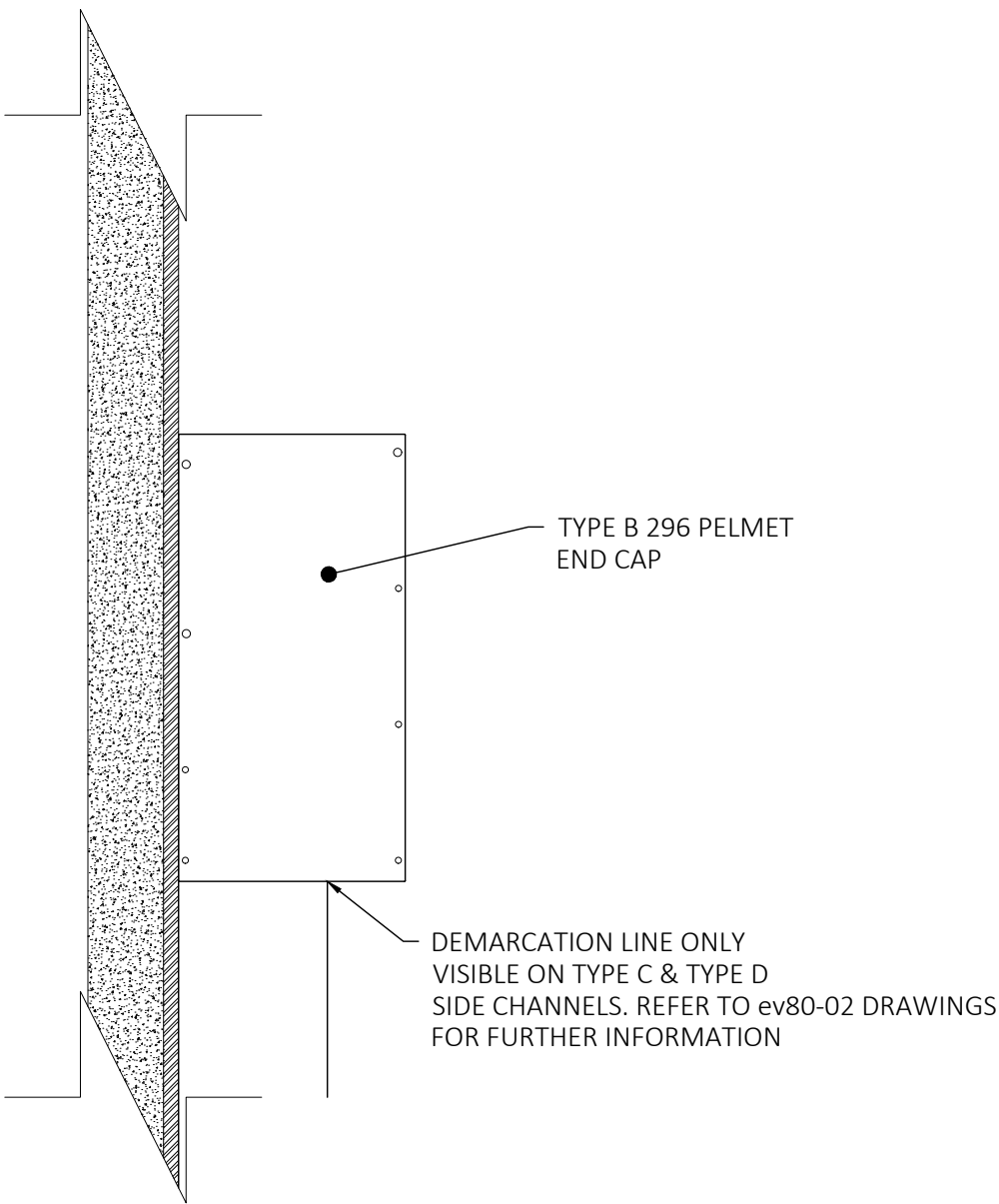
DETAIL A

ev80 RAISED
SCALE 1:5



DETAIL B

PELMET END CAP
SCALE 1:5



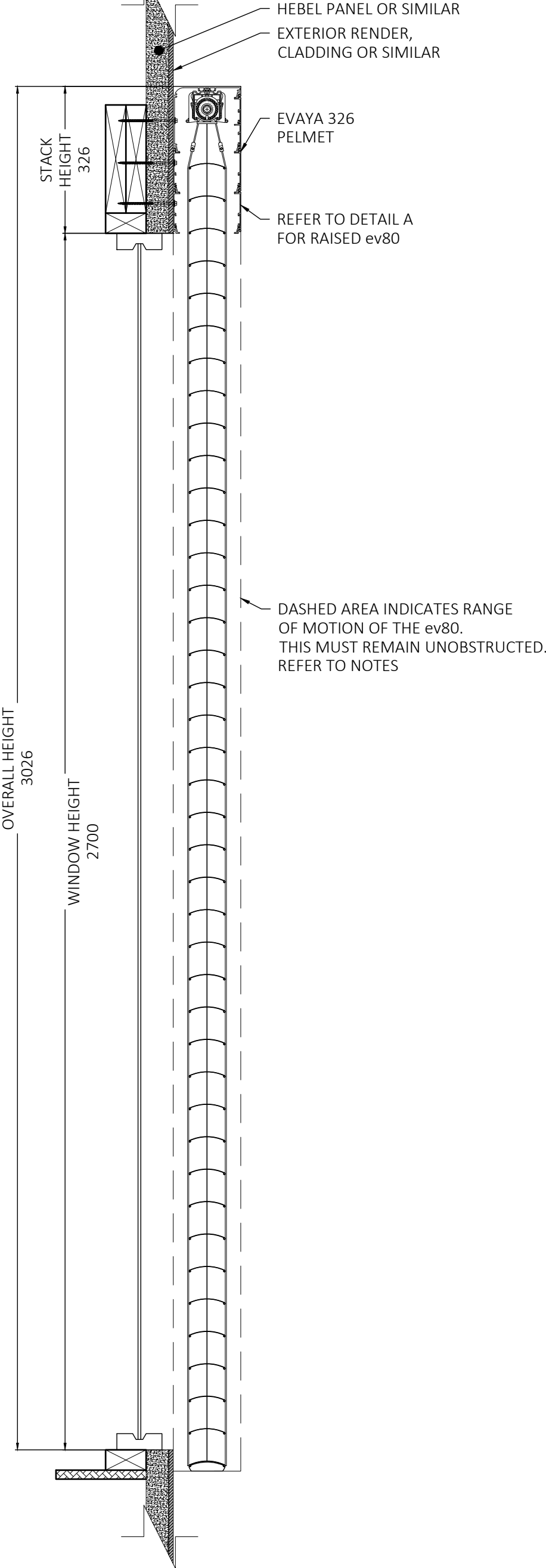
TYPE B 296 PELMET
SYSTEM - ev80 PELMET

SCALE 1:10 @ A1	DRAWING NO. ev80SYSTEM-01-04.B	SHEET 5 of 60
BY SK	DATE AUG'25	CLIENT
CHECKED PA	DATE AUG'25	ADDRESS

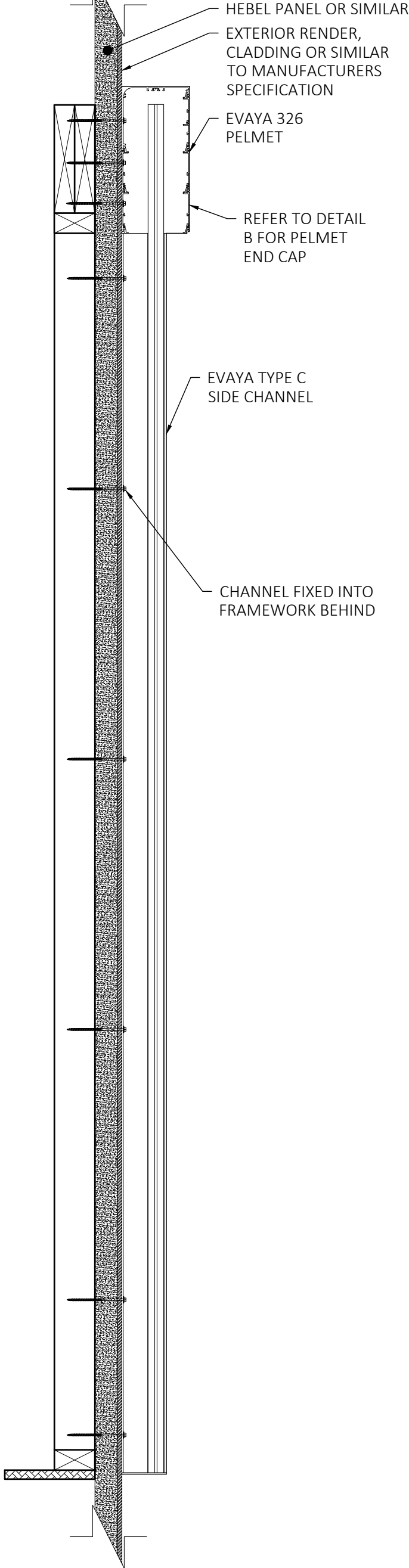
FRONT ELEVATION
TYPE B 326 PELMET WITH TYPE C SIDE CHANNELS



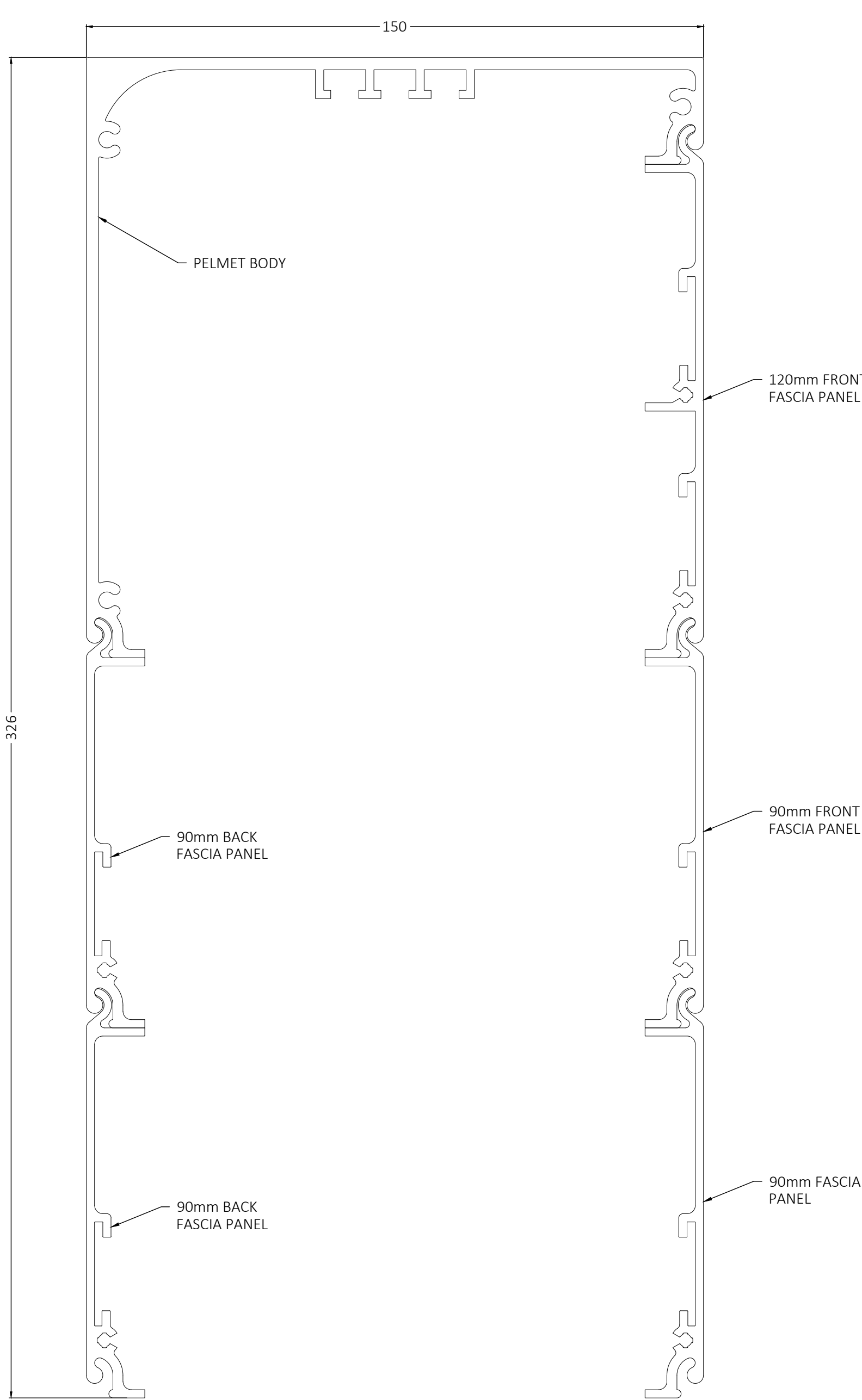
SECTION A-A
LOWERED



SECTION B-B



PELMET PROFILE
SCALE 1:1

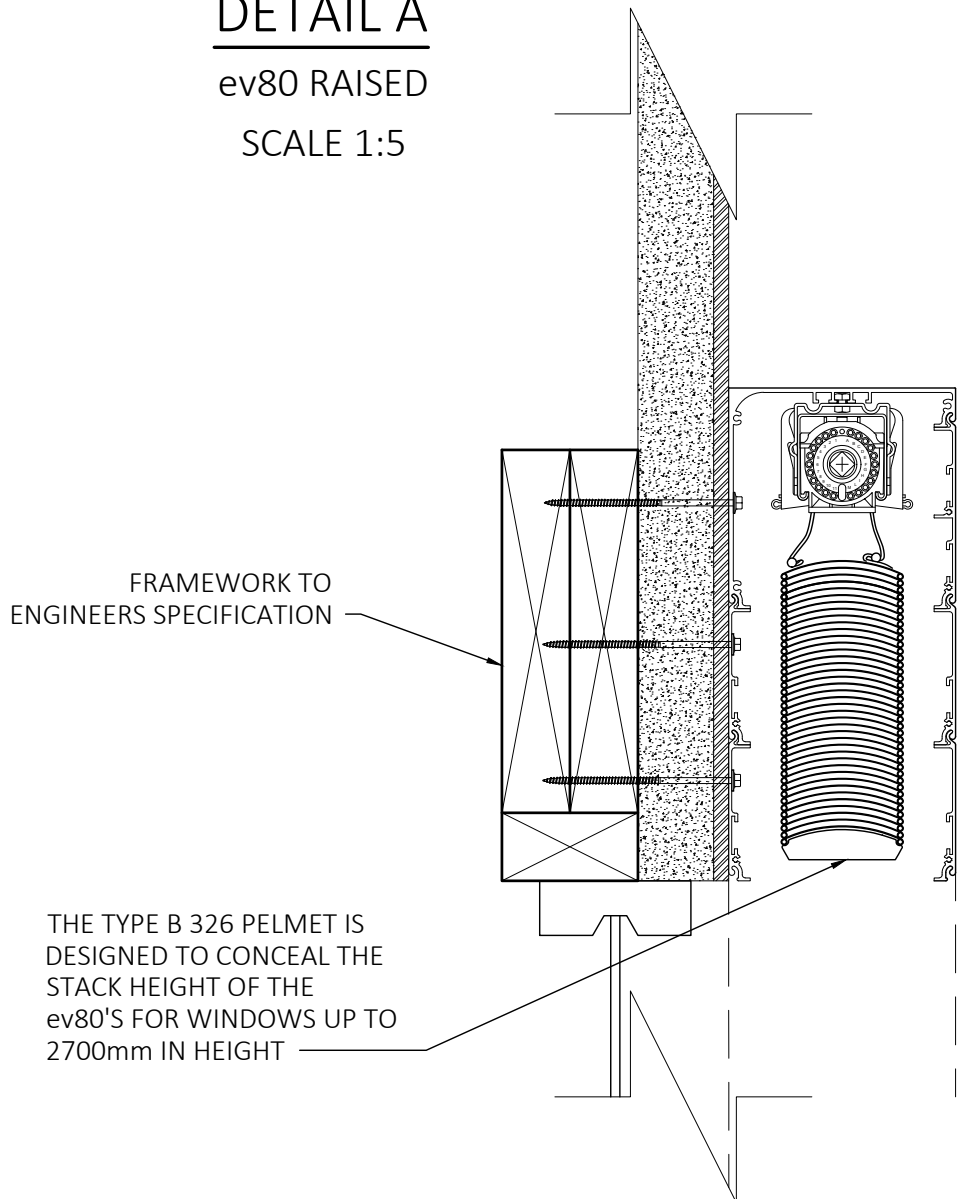


NOTES

- PELEMT DRAWN IS A TYPE B 326 PELMET WITH TYPE C CHANNELS, WINDOW IS 2700mm HIGH x 2400mm WIDE
- THE TYPE B 326 PELMET IS DESIGNED TO CONCEAL THE STACK HEIGHT OF THE ev80'S FOR WINDOWS UP TO 2700mm IN HEIGHT
- COMPATIBLE WITH ALL EVAYA CHANNEL TYPES, REFER TO DRAWING ev80-02 FOR FURTHER DETAIL
- TOP AND BACK FIXING POSSIBLE FOR FACE FIT AND RECESS APPLICATIONS, REFER TO DRAWING ev80-05-01 FOR FURTHER DETAIL
- DASHED AREA INDICATES RANGE OF MOTION OF THE ev80. THIS MUST REMAIN UNOBSTRUCTED
- OBSTACLES WHICH MAY CAUSE POSSIBLE INTERFERENCE INCLUDE:
 - OUTWARD OPENING AWNING WINDOWS
 - DOOR AND WINDOW HARDWARE
 - STORMBARS
 - ETC

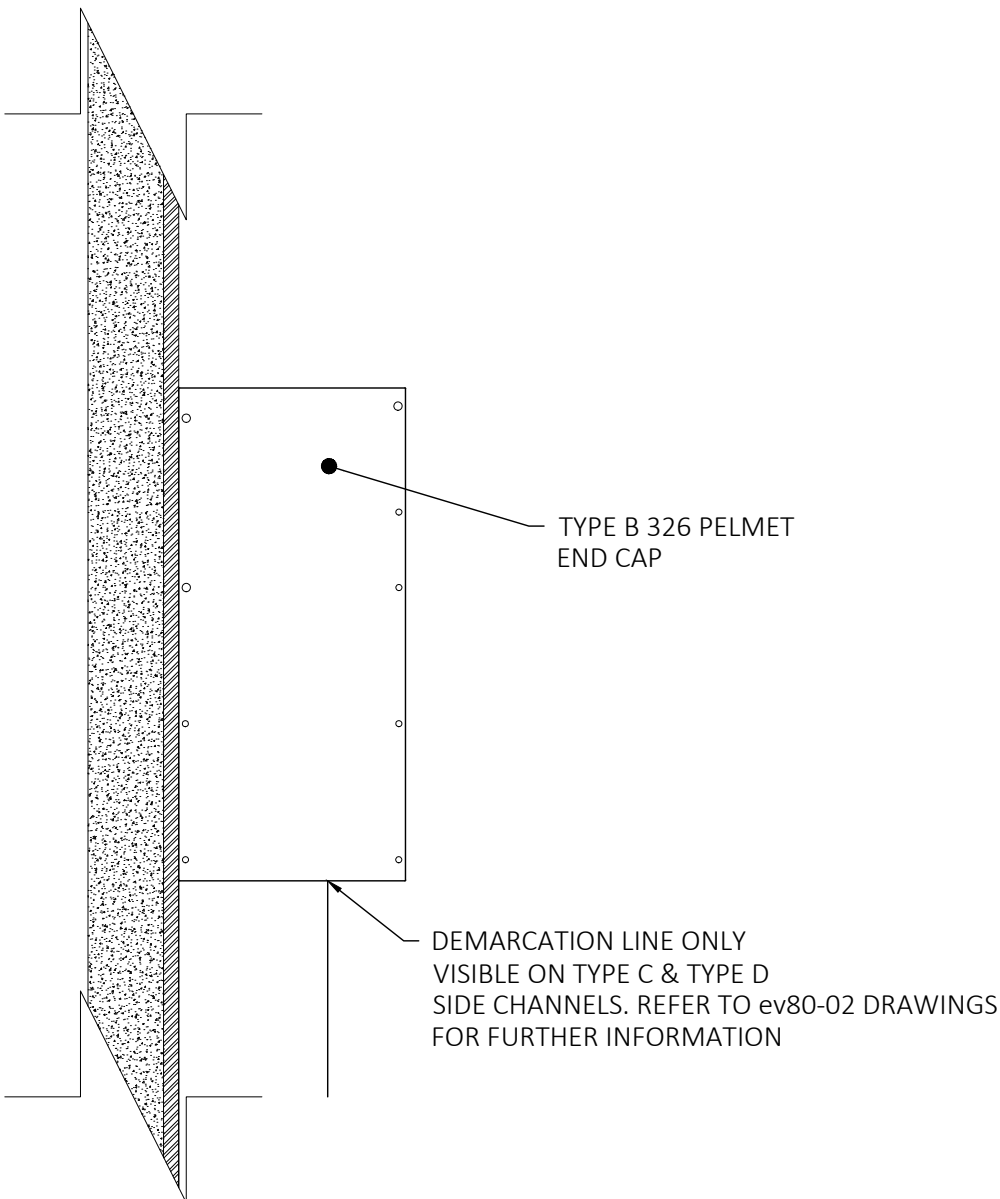
DETAIL A

ev80 RAISED
SCALE 1:5



DETAIL B

PELMET END CAP
SCALE 1:5



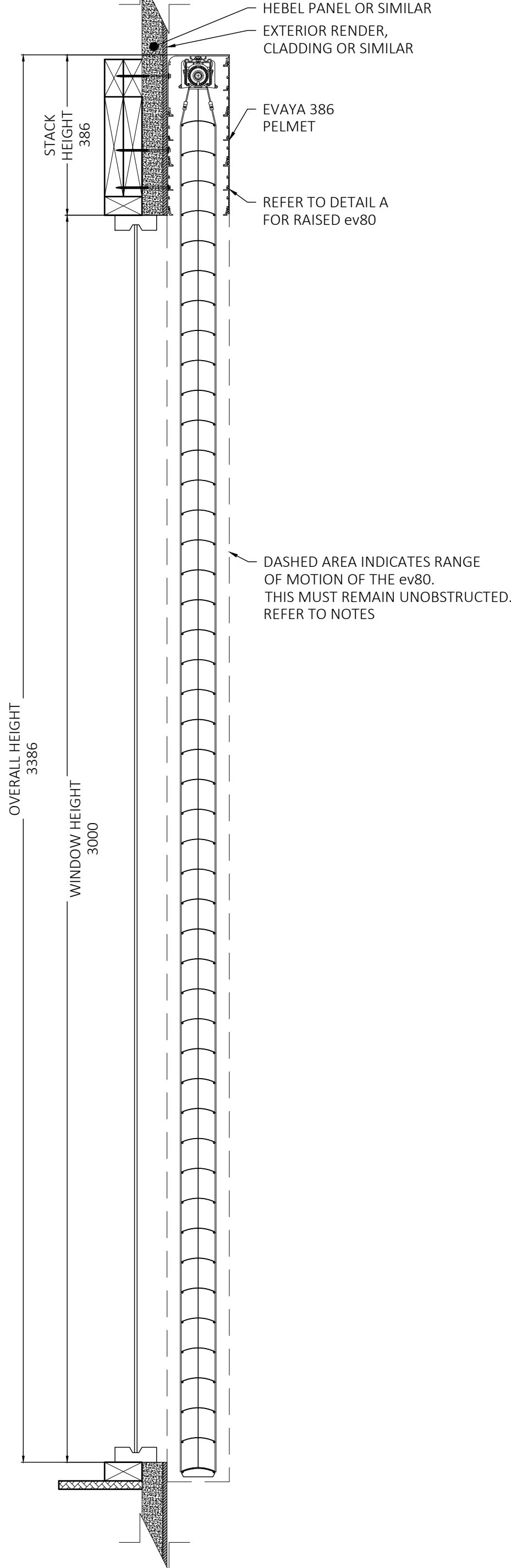
TYPE B 326 PELMET
SYSTEM - ev80 PELMET

SCALE 1:10 @ A1	DRAWING NO. ev80SYSTEM-01-05.B	SHEET 6 of 60
BY SK	DATE AUG'25	CLIENT
CHECKED PA	DATE AUG'25	ADDRESS

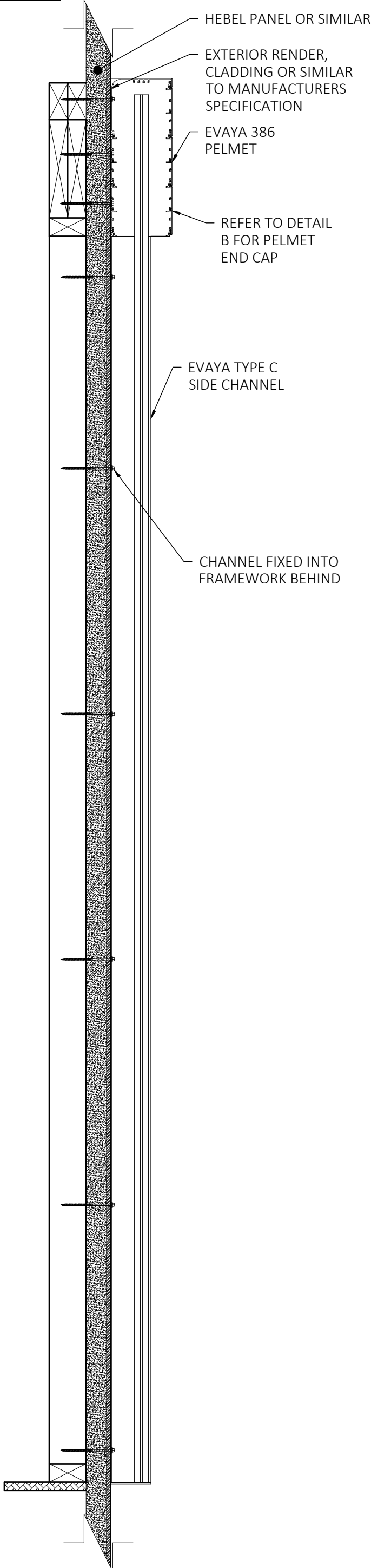
FRONT ELEVATION
TYPE B 386 PELMET WITH TYPE C SIDE CHANNELS



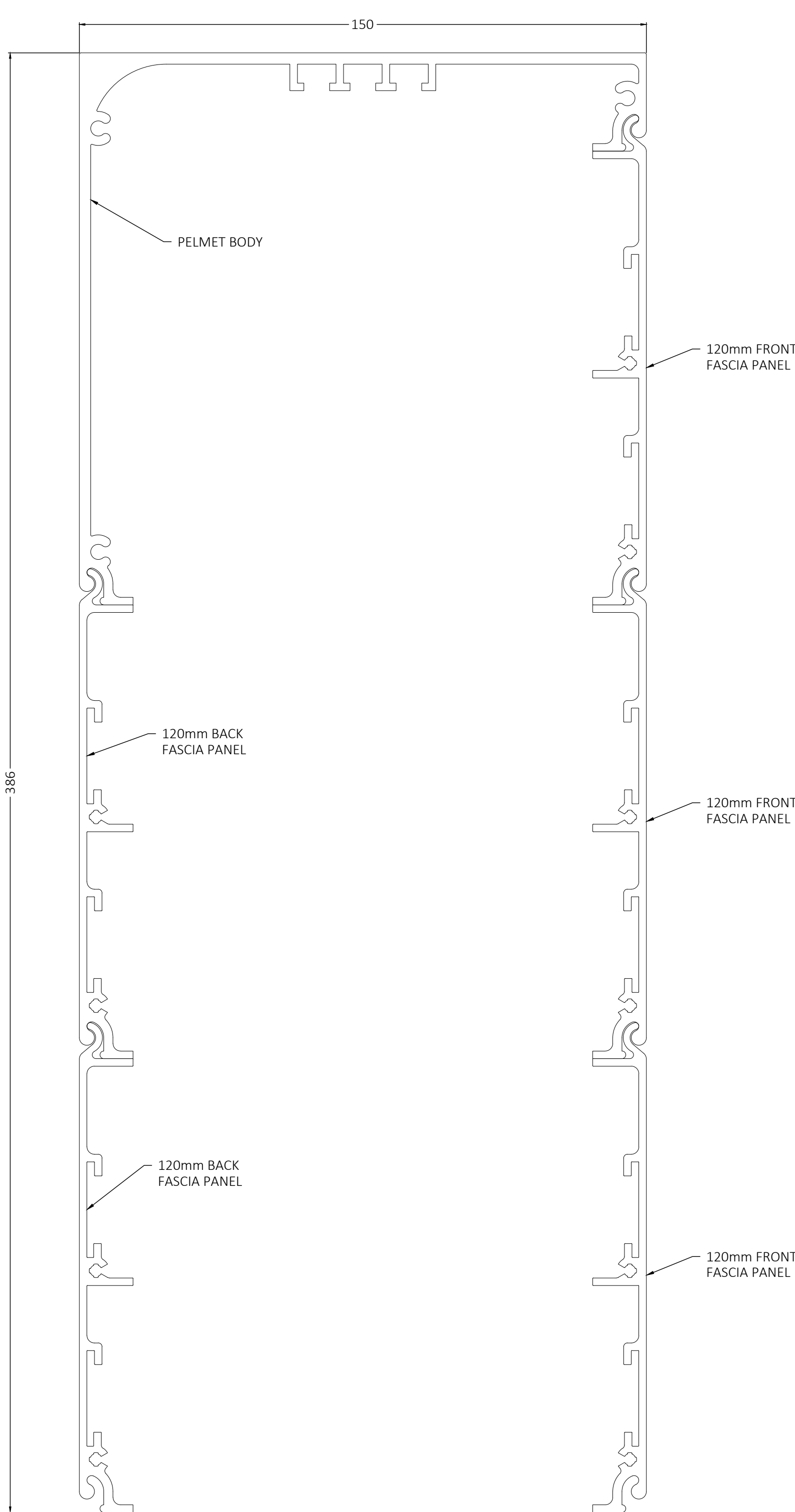
SECTION A-A
LOWERED



SECTION B-B

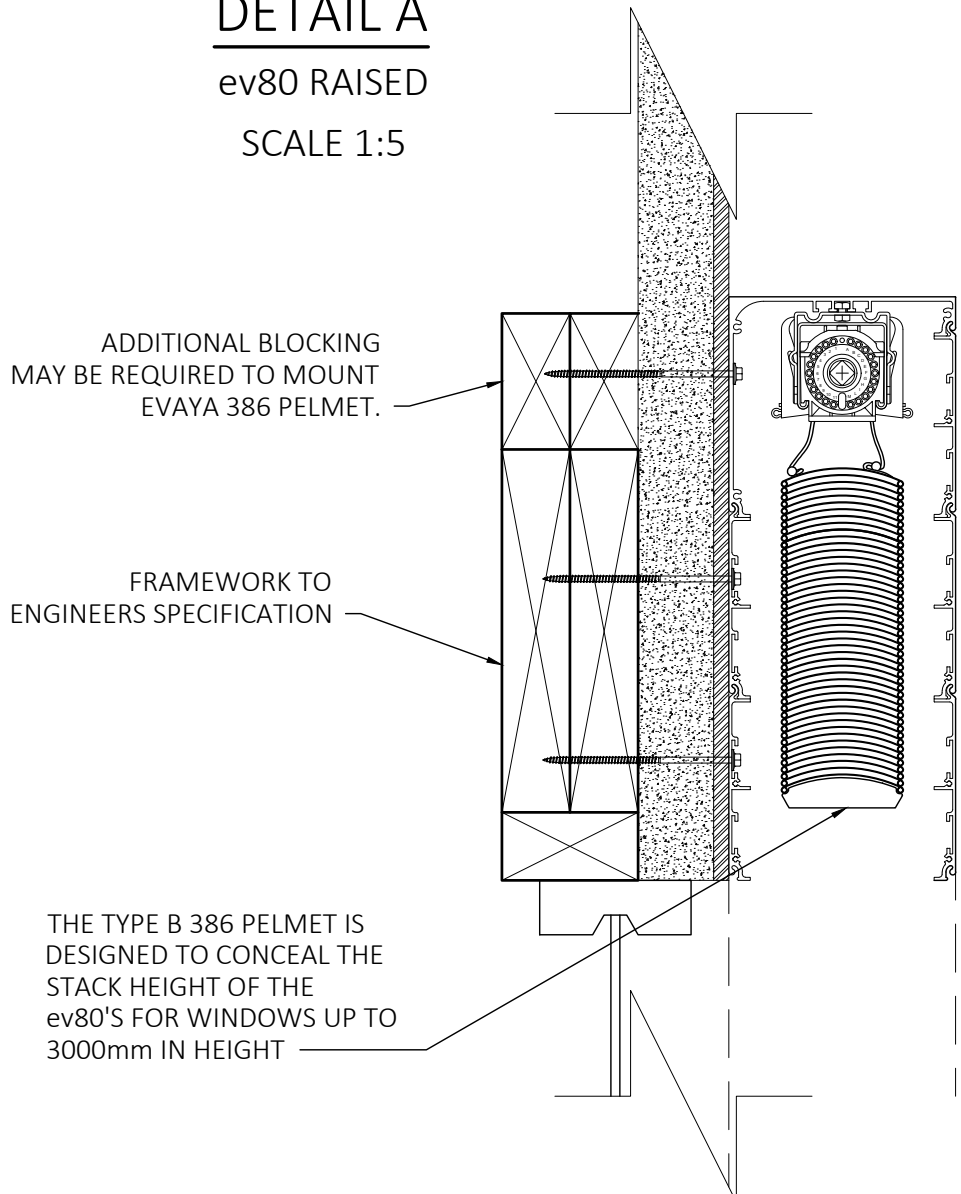


PELMET PROFILE
SCALE 1:1



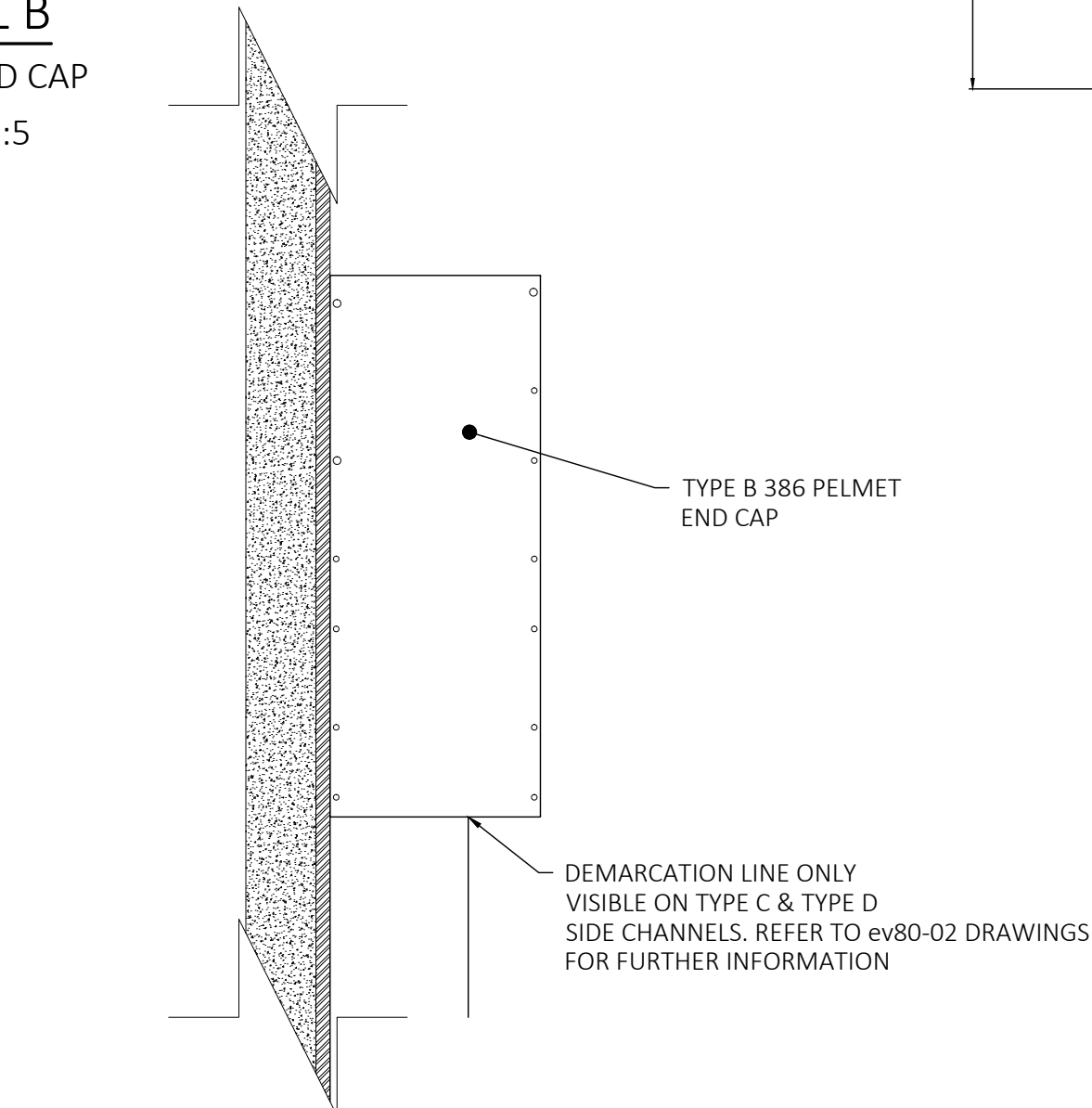
DETAIL A

ev80 RAISED
SCALE 1:5



DETAIL B

PELMET END CAP
SCALE 1:5

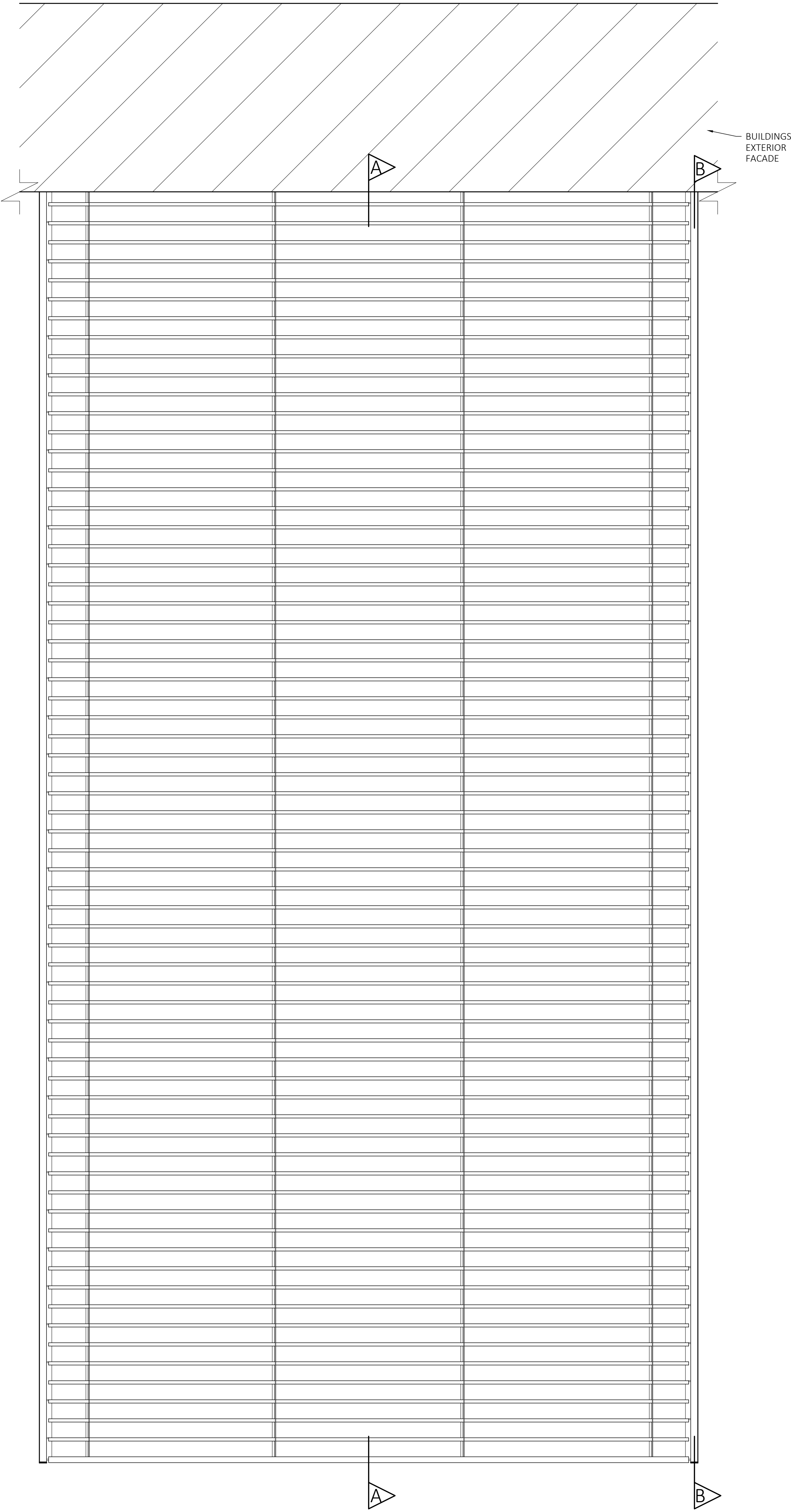


NOTES

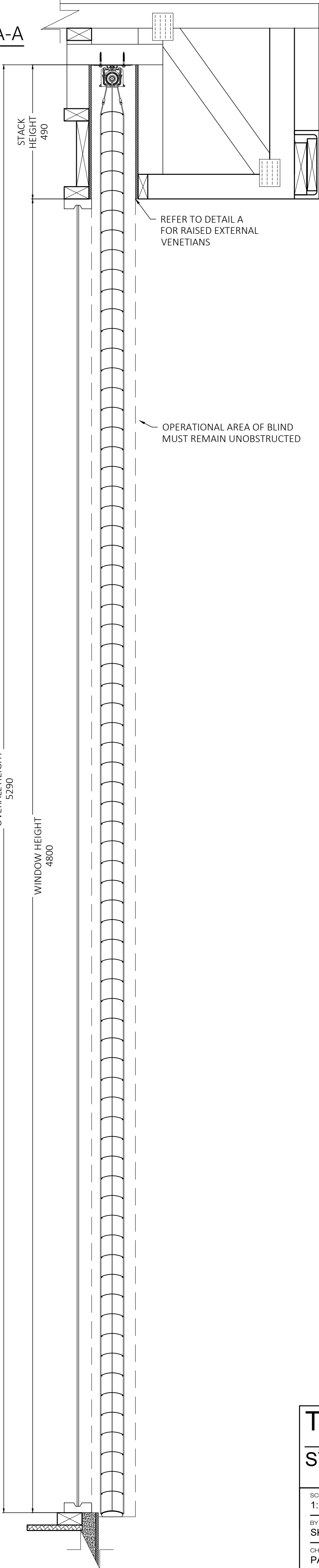
- PELEMT DRAWN IS A TYPE B 386 PELMET WITH TYPE C CHANNELS, WINDOW IS 3000mm HIGH x 2400mm WIDE
- THE TYPE B 386 PELMET IS DESIGNED TO CONCEAL THE STACK HEIGHT OF THE ev80'S FOR WINDOWS UP TO 3000mm IN HEIGHT
- COMPATIBLE WITH ALL EVAYA CHANNEL TYPES, REFER TO DRAWING ev80-02 FOR FURTHER DETAIL
- TOP AND BACK FIXING POSSIBLE FOR FACE FIT AND RECESS APPLICATIONS, REFER TO DRAWING ev80-05-01 FOR FURTHER DETAIL
- DASHED AREA INDICATES RANGE OF MOTION OF THE ev80. THIS MUST REMAIN UNOBSTRUCTED
- OBSTACLES WHICH MAY CAUSE POSSIBLE INTERFERENCE INCLUDE:
 - OUTWARD OPENING AWNING WINDOWS
 - DOOR AND WINDOW HARDWARE
 - STORMBARS
 - ETC

TYPE B 386 PELMET
SYSTEM - ev80 PELMET

FRONT ELEVATION
TYPE C MOUNTING PLATE
WITH TYPE C CHANNEL

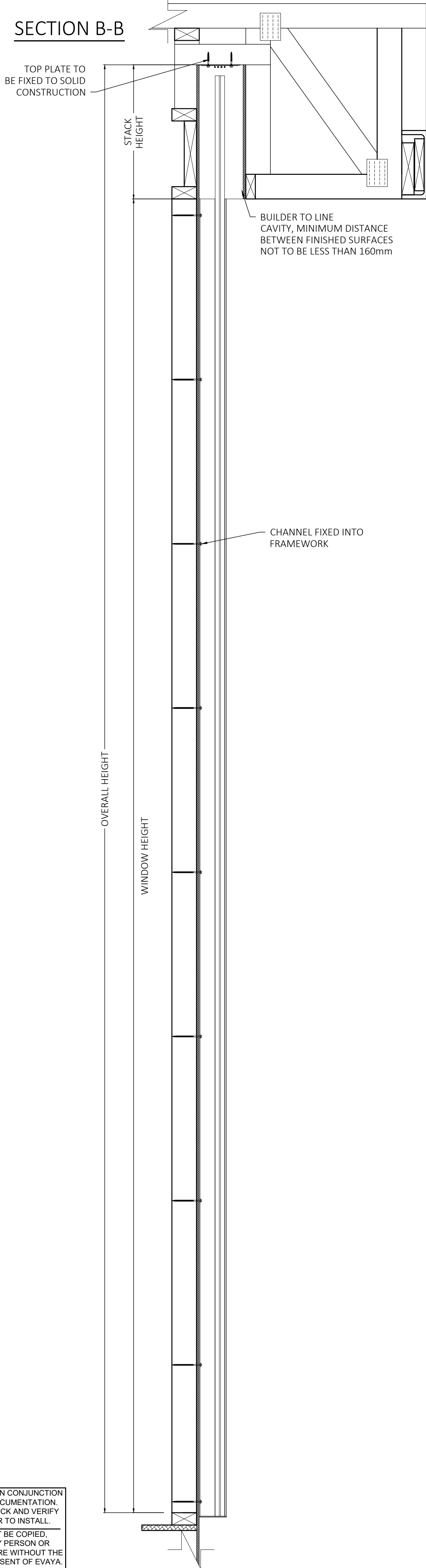


SECTION A-A
LOWERED



TYPE C MOUNTING PLATE
SYSTEM - ev80 PELMET

SECTION B-B



DETAIL A

BLINDS RAISED

SCALE 1:5

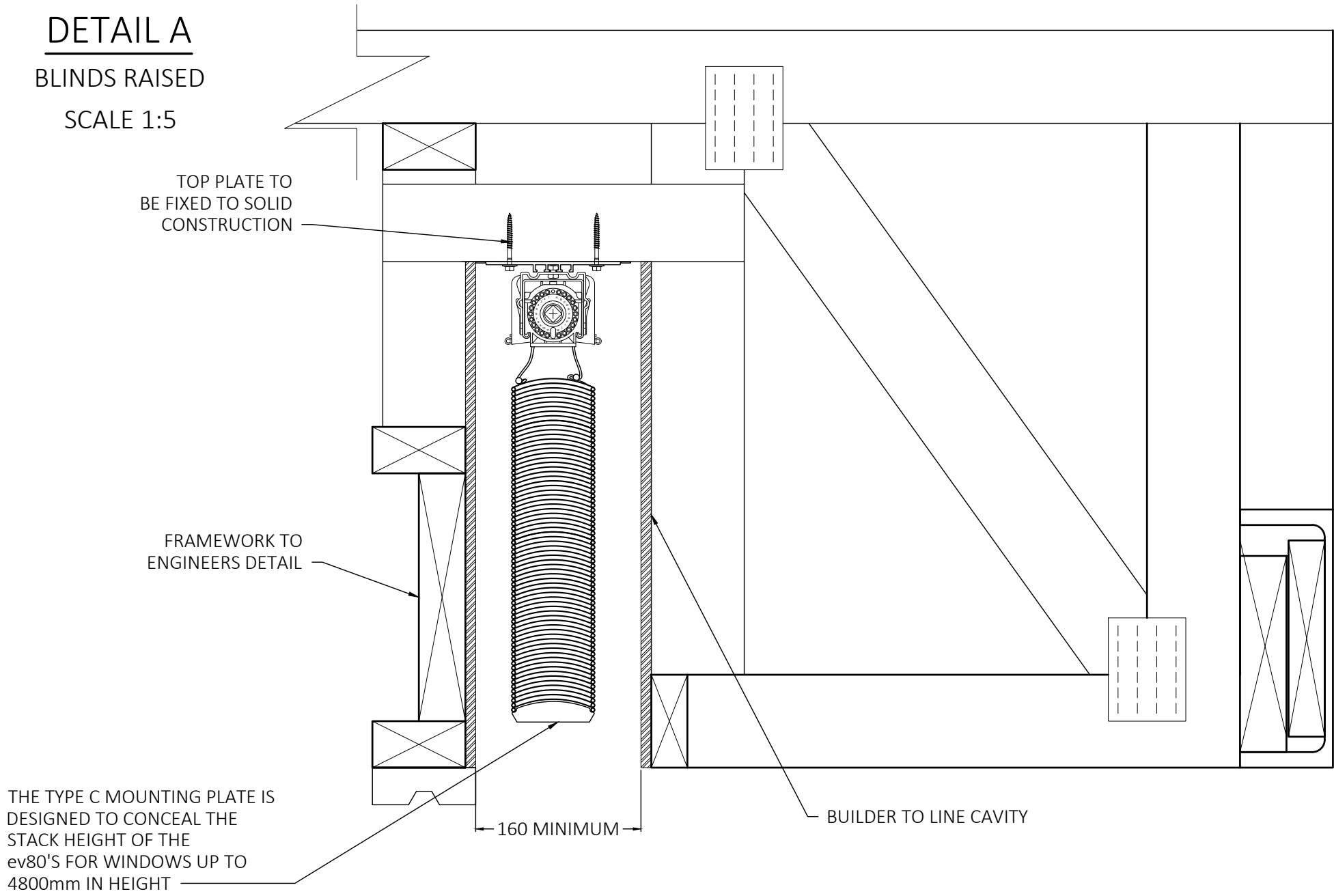


TABLE 1

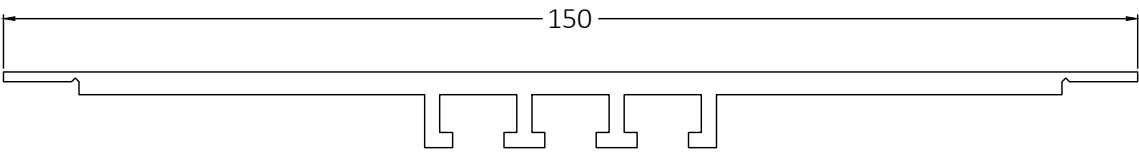
CALCULATION OF OVERALL HEIGHT IN

EV80 TYPE C INSTALL

WINDOW HEIGHT (mm)	CAVITY HEIGHT (mm)	OVERALL HEIGHT (mm)
900	215	1115
1050	220	1270
1200	225	1425
1350	235	1585
1500	240	1740
1650	250	1900
1800	260	2060
1950	275	2225
2100	285	2385
2250	295	2545
2400	305	2705
2550	310	2860
2700	330	3030
2850	340	3190
3000	355	3355
3150	365	3515
3300	375	3665
3450	390	3840
3600	400	4000
3750	410	4160
3900	420	4320
4050	430	4480
4200	450	4650
4350	460	4810
4500	470	4970
4650	480	5130
4800	490	5290

TYPE C MOUNTING PLATE PROFILE

SCALE 1:1



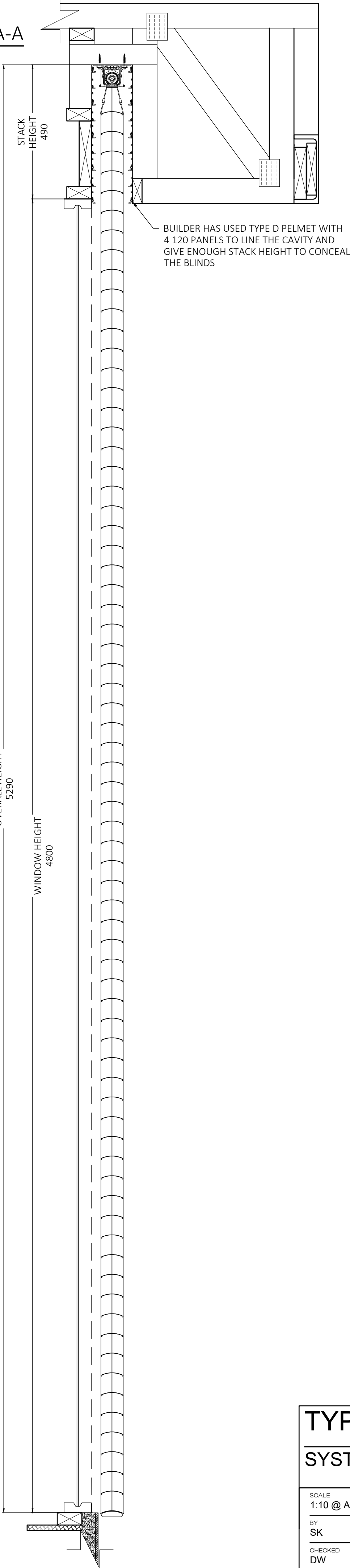
TYPE C MOUNTING PLATE

SYSTEM - ev80 PELMET

FRONT ELEVATION
TYPE D PELMET WITH TYPE C SIDE
CHANNEL



SECTION A-A
LOWERED



TYPE D PELMET
SYSTEM - ev80 PELMET

SECTION B-B

TYPE D PELMET TOP
FIXED TO SOLID
CONSTRUCTION

STACK
HEIGHT

EVAYA FASCIA PANELS
USED TO LINE CAVITY

OVERALL HEIGHT

WINDOW HEIGHT

DETAIL A

BLINDS RAISED

SCALE 1:5

TYPE D PELMET
TOP FIXED INTO
SOLID
CONSTRUCTION

FRAMEWORK TO
ENGINEERS DETAIL

THE TYPE D PELMET IS DESIGNED
TO CONCEAL THE STACK HEIGHT
OF THE EV80'S FOR WINDOWS
UP TO 4800mm

EVAYA FASCIA PANELS USED TO LINE CAVITY.

TABLE 1

CALCULATION OF OVERALL HEIGHT IN
EV80 TYPE D PELMET INSTALL

WINDOW HEIGHT (mm)	CAVITY HEIGHT (mm)	OVERALL HEIGHT (mm)
900	215	1115
1050	220	1270
1200	225	1425
1350	235	1585
1500	240	1740
1650	250	1900
1800	260	2060
1950	275	2225
2100	285	2385
2250	295	2545
2400	305	2705
2550	310	2860
2700	330	3030
2850	340	3190
3000	355	3355
3150	365	3515
3300	375	3665
3450	390	3840
3600	400	4000
3750	410	4160
3900	420	4320
4050	430	4480
4200	450	4650
4350	460	4810
4500	470	4970
4650	480	5130
4800	490	5290

TYPE D PELMET PROFILE

SCALE 1:1

EVAYA PANELS CAN BE
POSITIONED ON THE FRONT
OR BACK OF THE TYPE D
MOUNTING PLATE

ALL EVAYA PAN
TYPES ARE
COMPATIBLE W
TYPE D MOUNT
PLATE

NOTES

- TYPE D PELMET - DESIGNED TO CONCEAL THE STACK HEIGHT OF THE EV80'S FOR WINDOWS UP TO 4800mm HIGH
- TYPE D PELMET IS DESIGNED TO BE COMPATIBLE WITH ALL EVAYA PANEL TYPES. THIS ALLOWS BUILDERS AND ARCHITECTS TO USE EVAYAS PANELS TO LINE A CAVITY
- ARCHITECT TO REFERENCE NOMINAL WINDOW HEIGHTS PROVIDED TO SELECT MINIMUM CAVITY HEIGHTS NEEDED TO ENSURE CONCEALMENT OF EV80 BLINDS
- DASHED OPERATING AREA OF BLIND MUST REMAIN UNOBSTRUCTED
- INTERFERENCE MUST BE TAKEN INTO CONSIDERATION AND AVOIDED
- FIXINGS TO BE 14G BATTEN SCREWS OR SIMILAR
- FIXING SPACING TO BE SUITABLE TO BLIND SIZE, 600mm OR SIMILAR

TYPE D PELMET

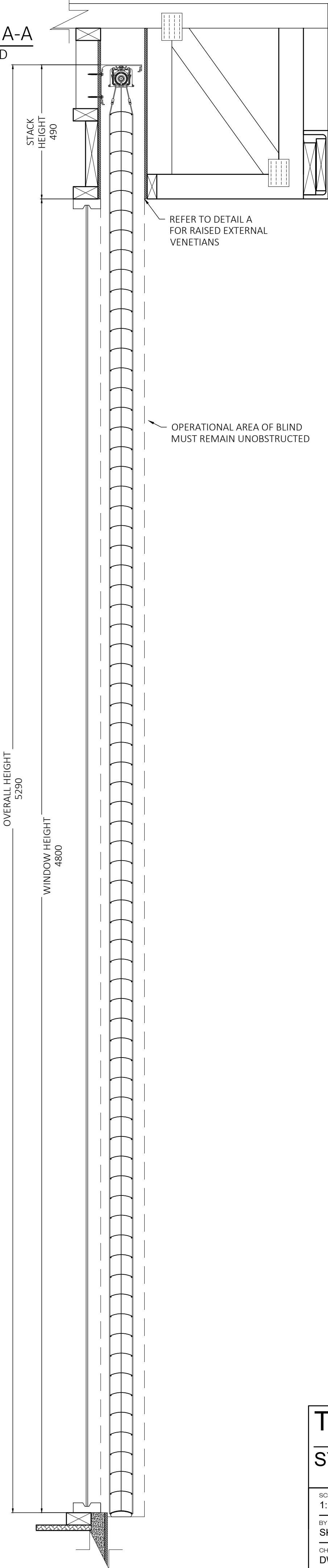
SYSTEM - EV80 PELMET

SCALE 1:10 @ A1	DRAWING NO. ev80SYSTEM-01-08.A	SHEET 11 of 60
BY SK	DATE JUN '26	CLIENT
CHECKED DW	DATE JUN '26	ADDRESS

FRONT ELEVATION
TYPE B PELMET WITH TYPE C SIDE
CHANNEL

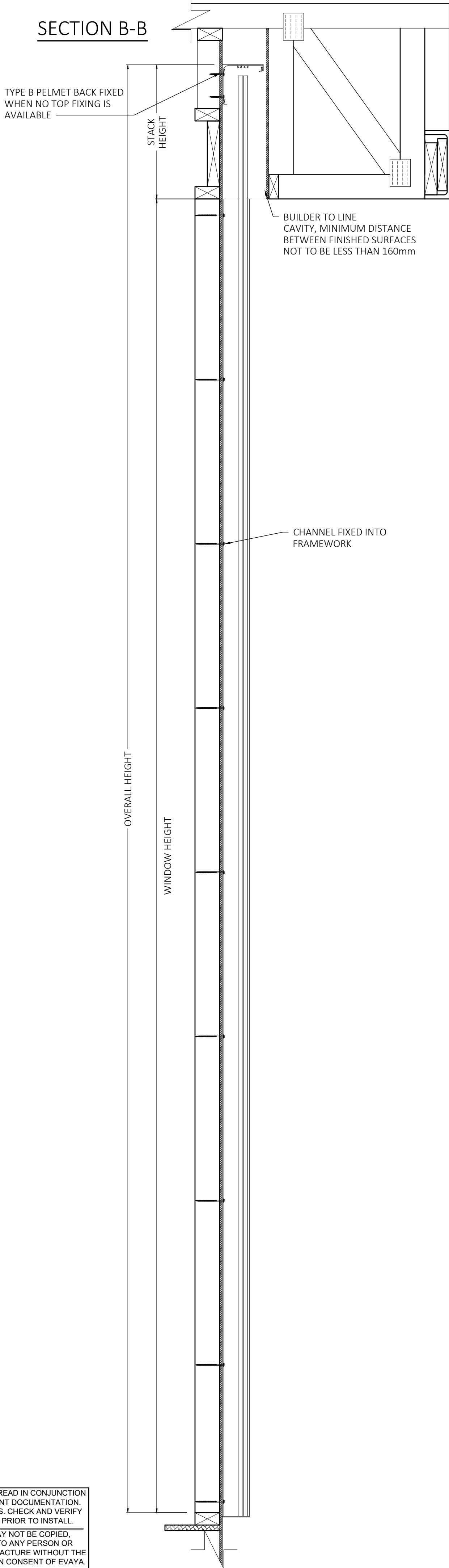


SECTION A-A
LOWERED



TYPE B PELMET
SYSTEM - ev80 PELMET

SECTION B-B



DETAIL A
BLINDS RAISED

SCALE 1:5

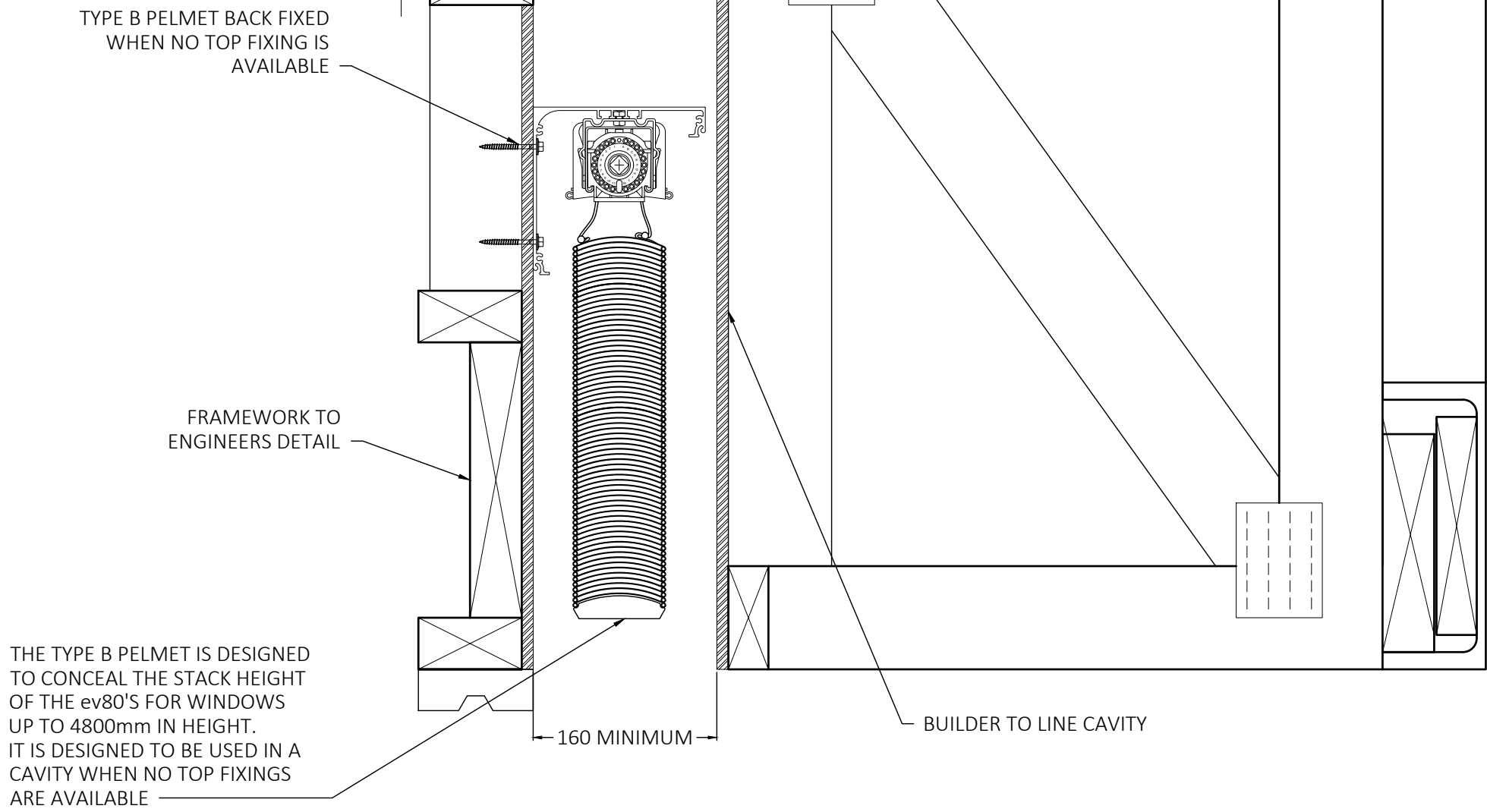


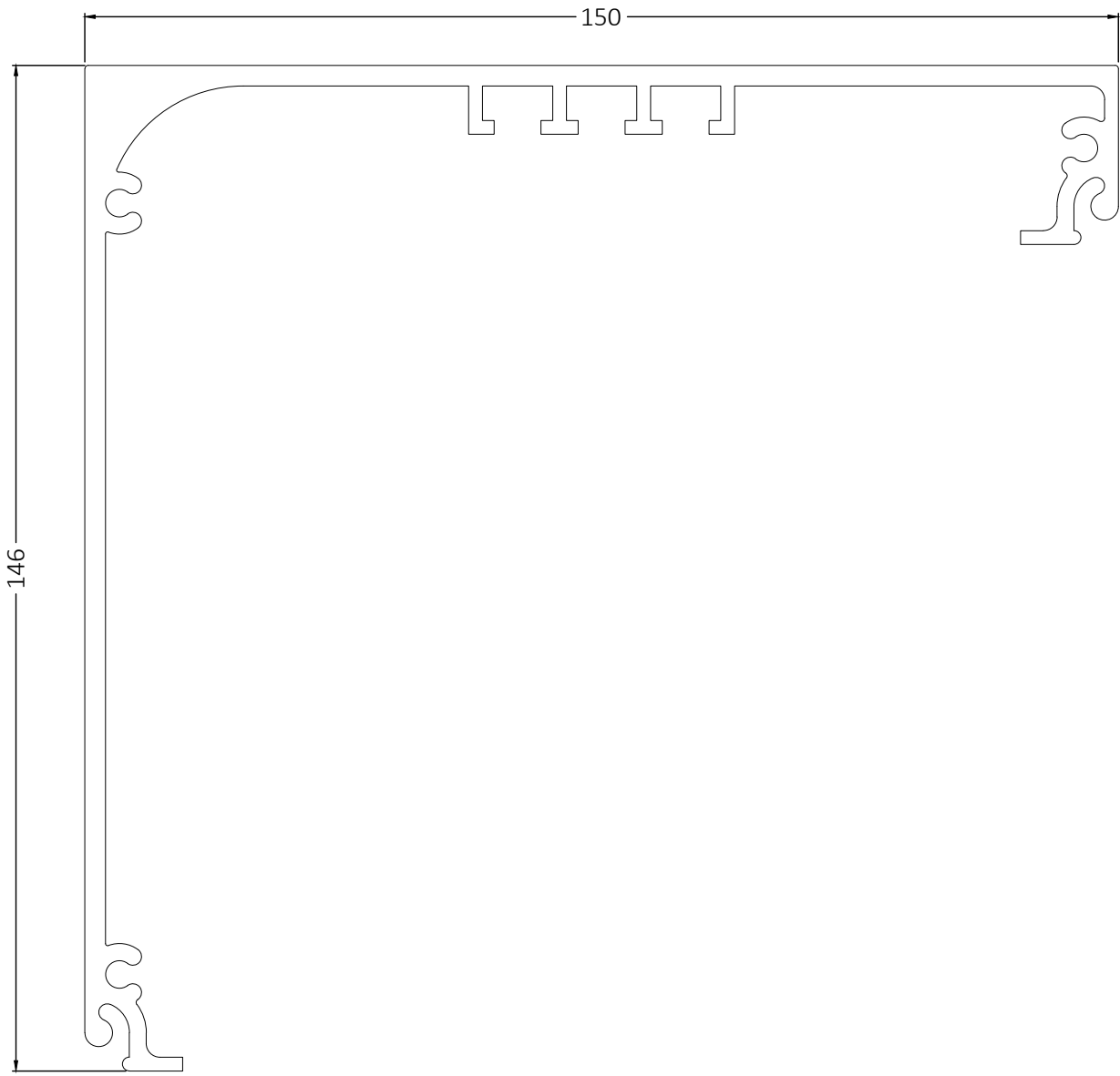
TABLE 1

CALCULATION OF OVERALL HEIGHT IN
EV80 TYPE B PELMET INSTALL

WINDOW HEIGHT (mm)	CAVITY HEIGHT (mm)	OVERALL HEIGHT (mm)
900	215	1115
1050	220	1270
1200	225	1425
1350	235	1585
1500	240	1740
1650	250	1900
1800	260	2060
1950	275	2225
2100	285	2385
2250	295	2545
2400	305	2705
2550	310	2860
2700	330	3030
2850	340	3190
3000	355	3355
3150	365	3515
3300	375	3665
3450	390	3840
3600	400	4000
3750	410	4160
3900	420	4320
4050	430	4480
4200	450	4650
4350	460	4810
4500	470	4970
4650	480	5130
4800	490	5290

TYPE B PELMET PROFILE

SCALE 1:1

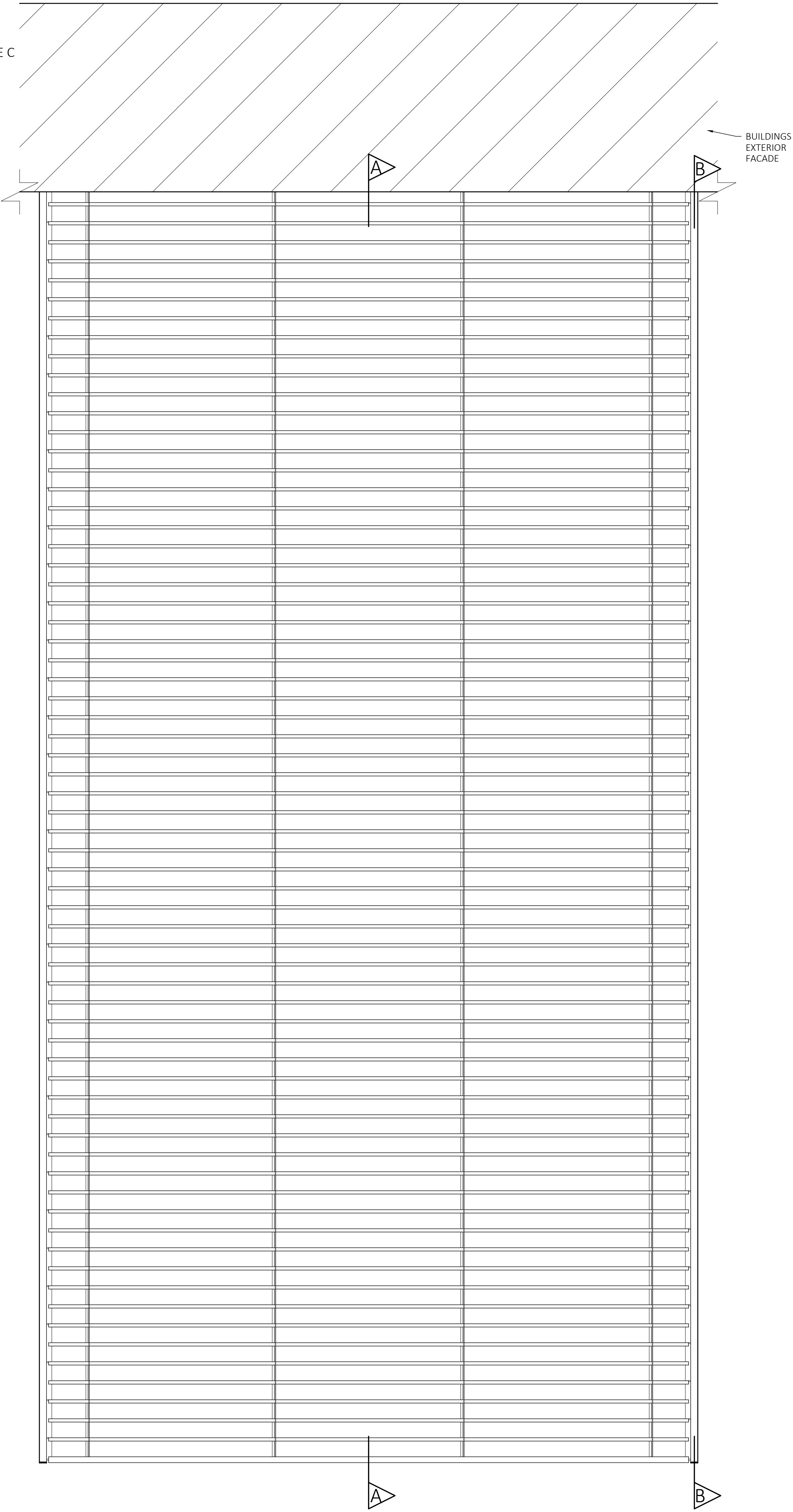


NOTES

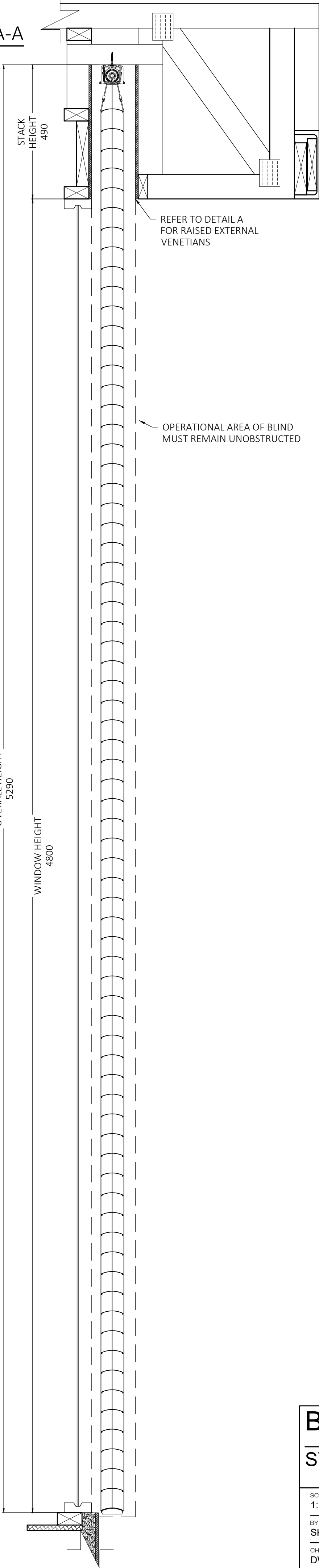
- TYPE B PELMET - DESIGNED TO CONCEAL THE STACK HEIGHT OF THE EV80'S FOR WINDOWS UP TO 4800mm HIGH WHEN A TOP FIX IS NOT AVAILABLE IN A CAVITY
- TYPE B PELMET CAN BE USED WHEN A CUSTOM FOLDED PELMET IS SELECTED
- ARCHITECT TO REFERENCE NOMINAL WINDOW HEIGHTS PROVIDED TO SELECT MINIMUM CAVITY HEIGHTS NEEDED TO ENSURE CONCEALMENT OF EV80 BLINDS
- DASHED OPERATING AREA OF BLIND MUST REMAIN UNOBSTRUCTED
- INTERFERENCE MUST BE TAKEN INTO CONSIDERATION AND AVOIDED
- FIXINGS TO BE 14G BATTEN SCREWS OR SIMILAR
- FIXING SPACING TO BE SUITABLE TO BLIND SIZE, 600mm OR SIMILAR

TYPE B PELMET
SYSTEM - ev80 PELMET

FRONT ELEVATION
BRACKETS ONLY WITH TYPE SIDE C
CHANNEL

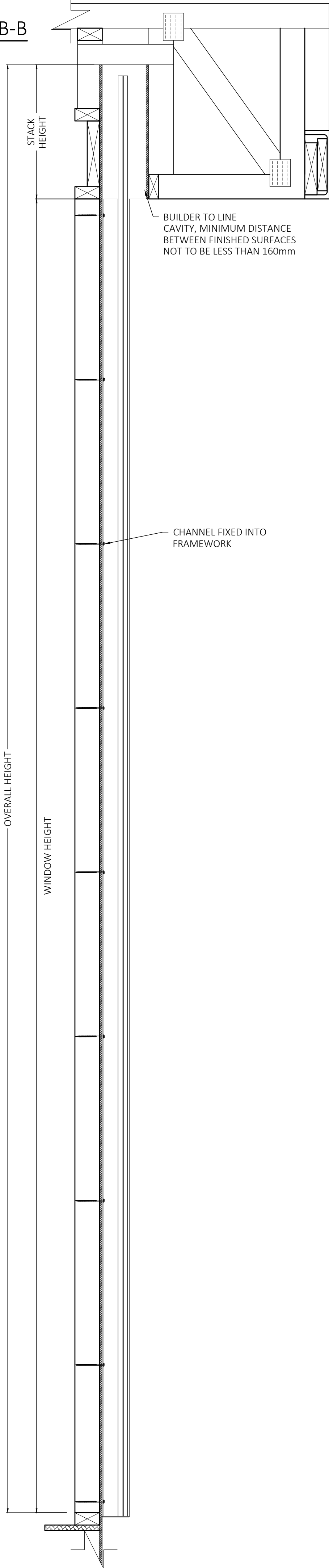


SECTION A-A
LOWERED



BRACKETS ONLY
SYSTEM - ev80 PELMET

SECTION B-B



DETAIL A
BLINDS RAISED
SCALE 1:5

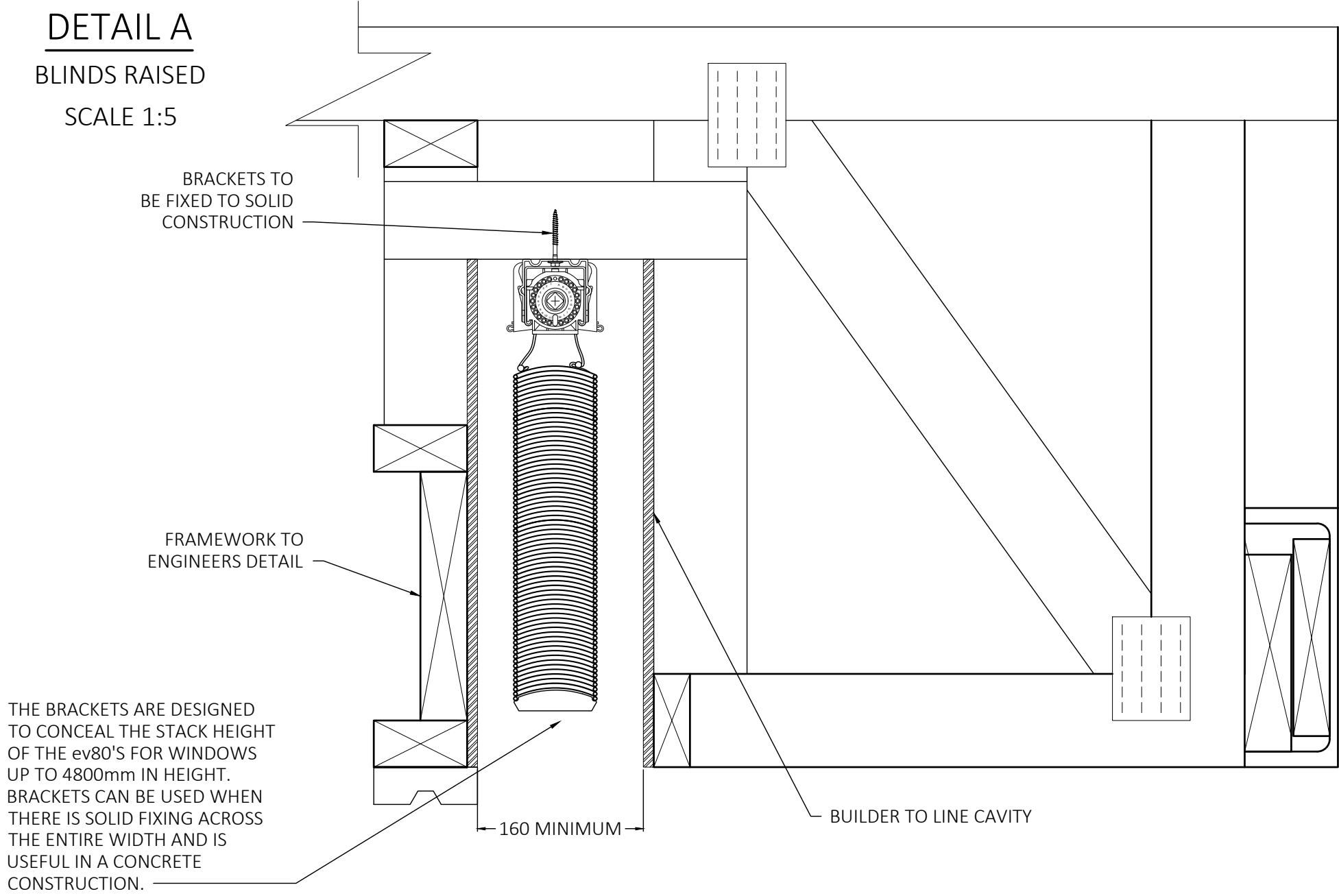
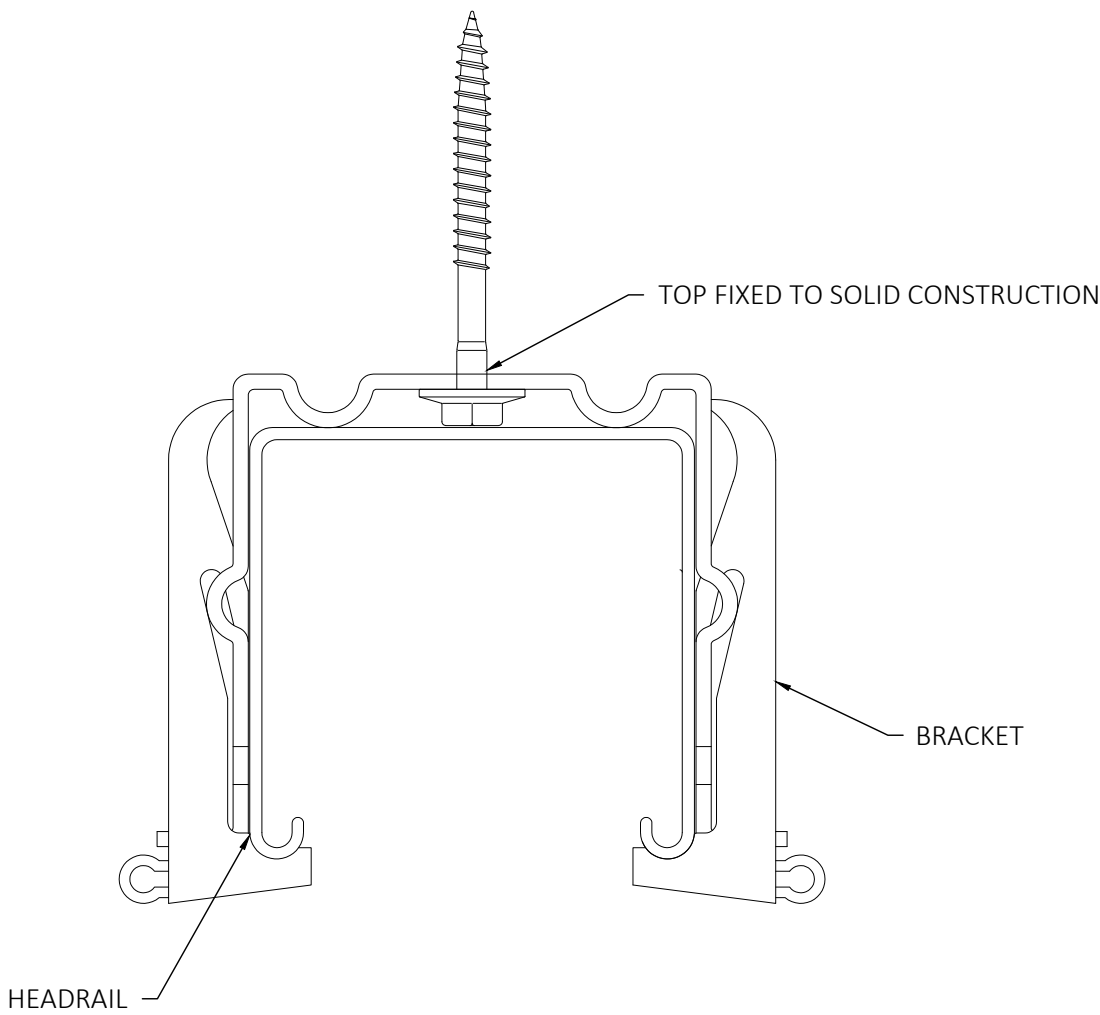


TABLE 1

CALCULATION OF OVERALL HEIGHT IN
EV80 BRACKETS ONLY INSTALL

WINDOW HEIGHT (mm)	CAVITY HEIGHT (mm)	OVERALL HEIGHT (mm)
900	215	1115
1050	220	1270
1200	225	1425
1350	235	1585
1500	240	1740
1650	250	1900
1800	260	2060
1950	275	2225
2100	285	2385
2250	295	2545
2400	305	2705
2550	310	2860
2700	330	3030
2850	340	3190
3000	355	3355
3150	365	3515
3300	375	3665
3450	390	3840
3600	400	4000
3750	410	4160
3900	420	4320
4050	430	4480
4200	450	4650
4350	460	4810
4500	470	4970
4650	480	5130
4800	490	5290

BRACKET PROFILE
SCALE 1:1

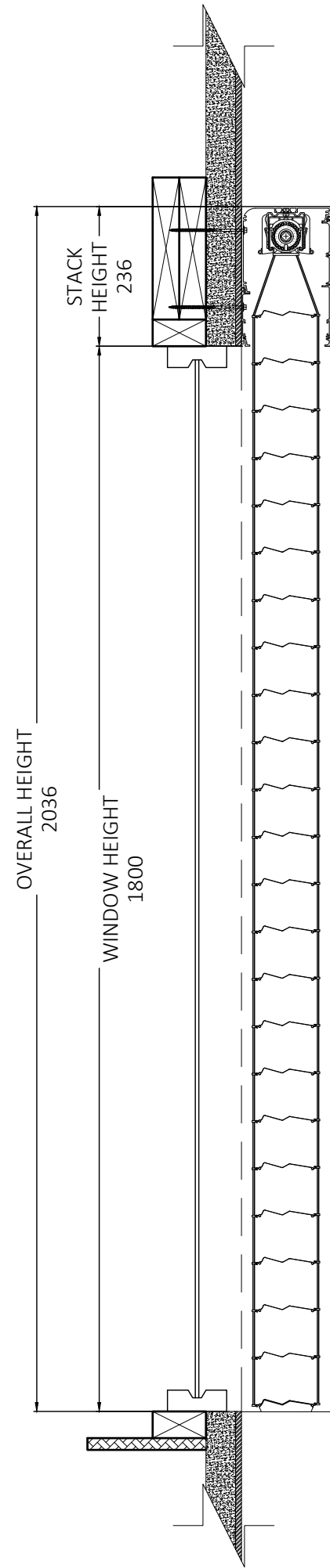


NOTES

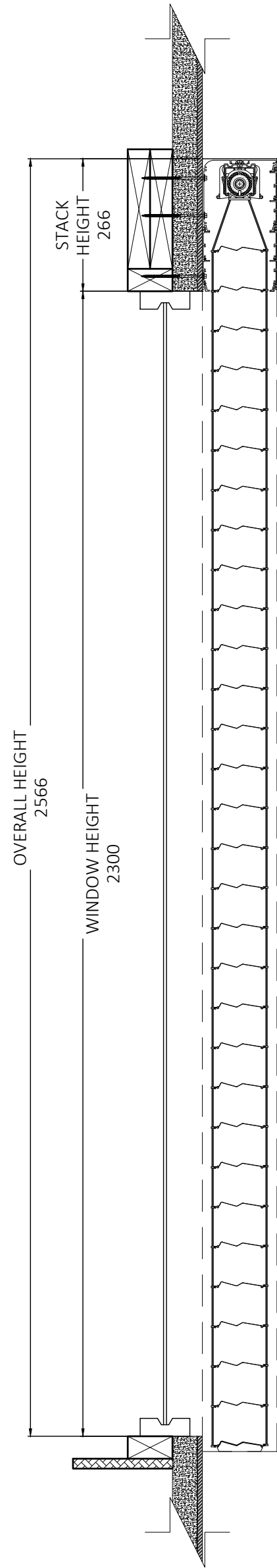
- BRACKETS ONLY - DESIGNED TO CONCEAL THE STACK HEIGHT OF THE EV80'S FOR WINDOWS UP TO 4800mm HIGH WHEN A PELMET OR MOUNTING PLATE ISN'T REQUIRED.
- BRACKETS ONLY CAN BE USED IN A CONCRETE CAVITY CONSTRUCTION AND MINIMISES DRILLINGS
- ARCHITECT TO REFERENCE NOMINAL WINDOW HEIGHTS PROVIDED TO SELECT MINIMUM CAVITY HEIGHTS NEEDED TO ENSURE CONCEALMENT OF EV80 BLINDS
- DASHED OPERATING AREA OF BLIND MUST REMAIN UNOBSTRUCTED
- INTERFERENCE MUST BE TAKEN INTO CONSIDERATION AND AVOIDED
- FIXINGS TO BE 14G BATTEN SCREWS OR SIMILAR
- FIXING SPACING TO BE SUITABLE TO BLIND SIZE, 600mm OR SIMILAR

BRACKETS ONLY
SYSTEM - ev80 PELMET

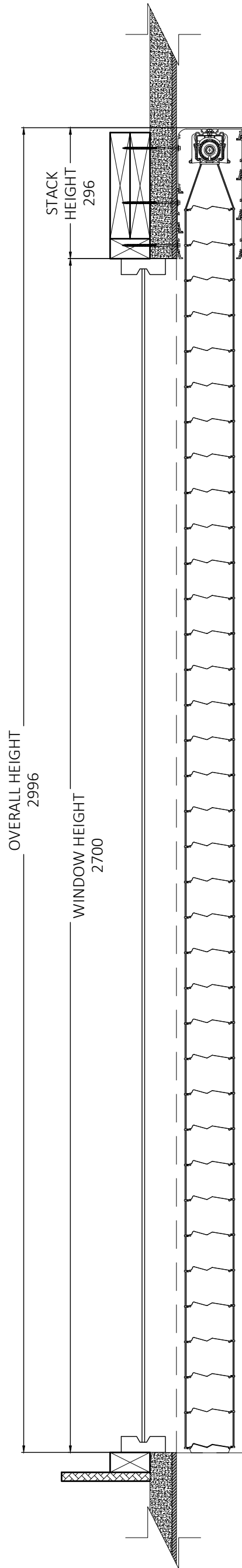
TYPE A 236



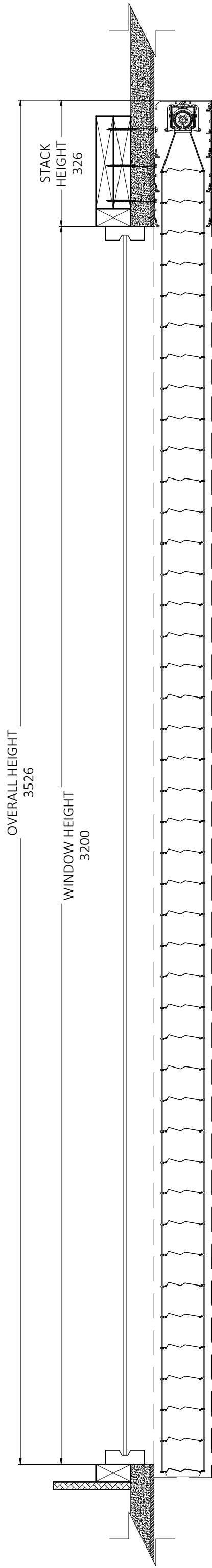
TYPE B 266



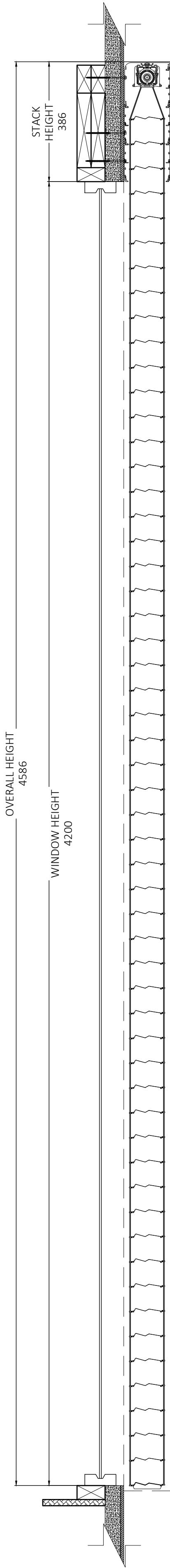
TYPE B 296



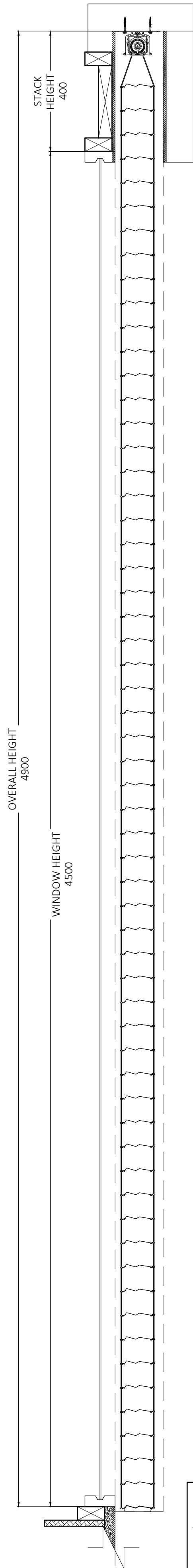
TYPE B 326



TYPE B 386



TYPE C MOUNTING PLATE



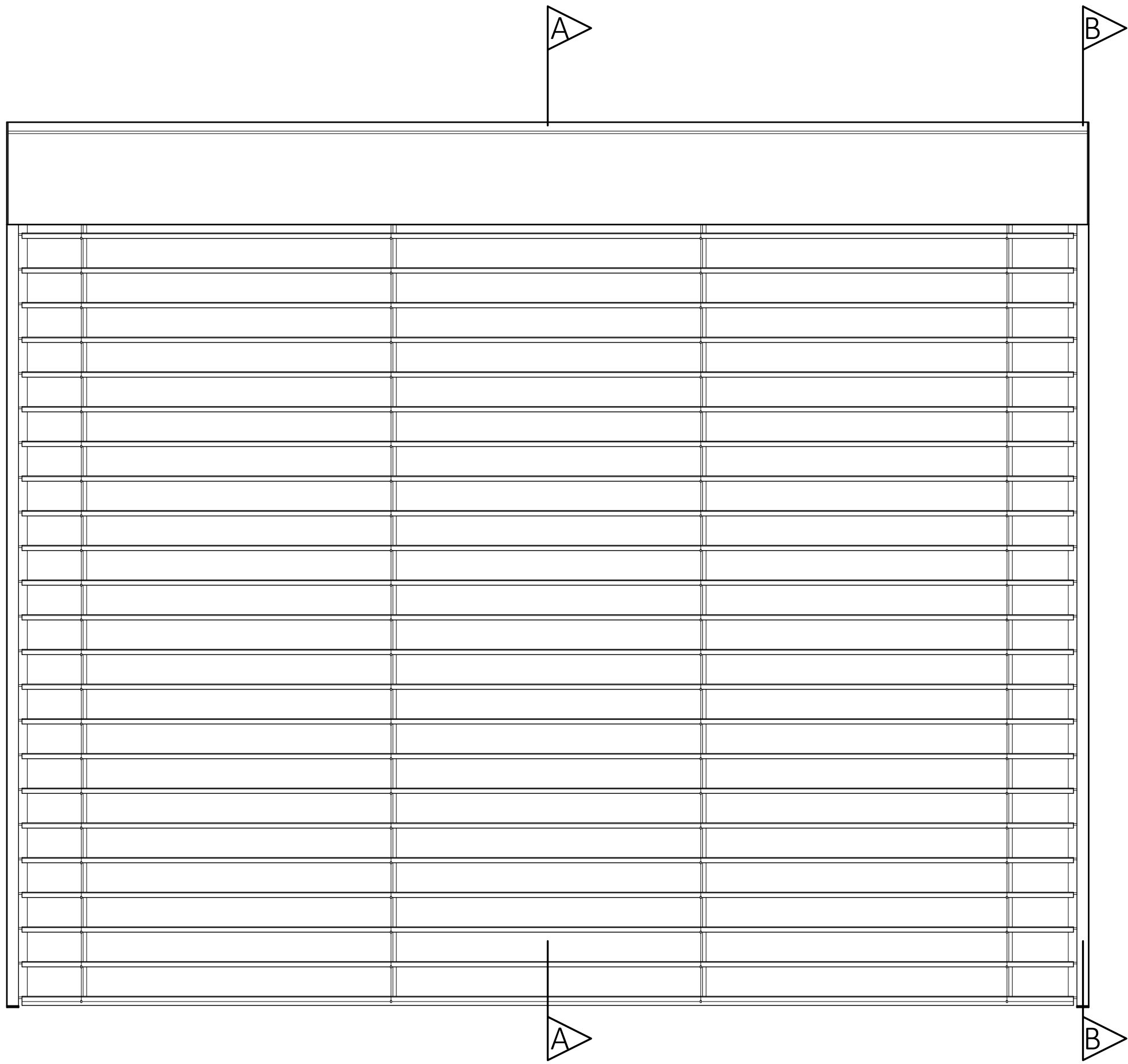
KEY TERMS

- OVERALL HEIGHT - REFERS TO THE DISTANCE BETWEEN THE UPPERMOST AND LOWERMOST POINTS OF THE ev93d. TYPICALLY MEASURED FROM THE TOP OF THE PELMET TO THE WINDOW SILL.
- STACK HEIGHT - REFERS TO THE SPACE REQUIRED ABOVE THE HEAD OF THE WINDOW IN ORDER TO CONCEAL ALL OF THE WORKING COMPONENTS OF THE ev93d WHEN RAISED.
- WINDOW HEIGHT - REFERS TO THE HEIGHT OF THE WINDOW. CONSIDERATION MUST BE TAKEN IN THE INSTANCE THE ev93d IS TO EXTEND BEYOND THE LEVEL OF THE WINDOW SILL, THIS ADDITIONAL DISTANCE MUST BE ADDED TO THE WINDOW HEIGHT TO ENSURE THE CORRECT PELMET IS SELECTED

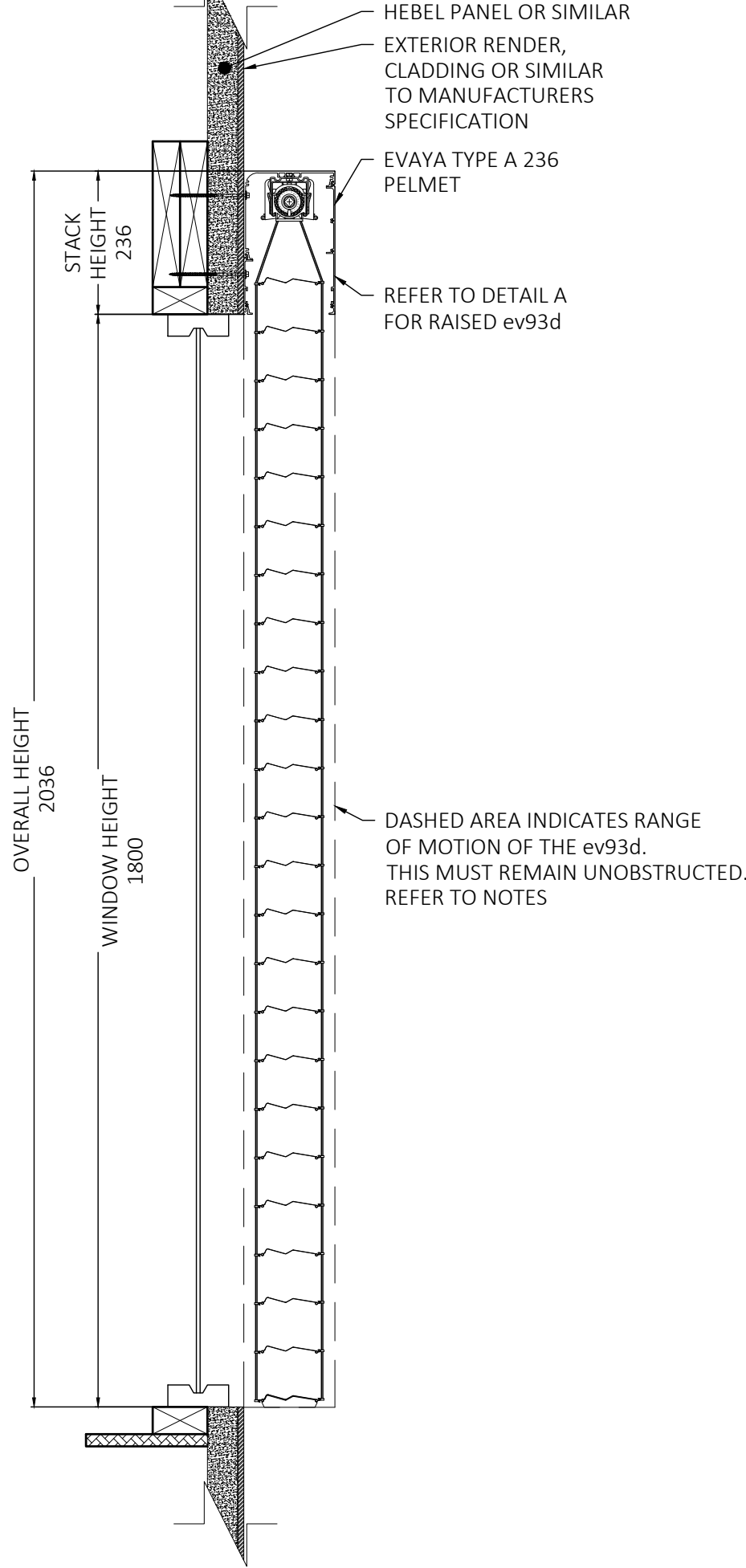
PELMET TYPE FOR WINDOW HEIGHTS

WINDOW HEIGHT (mm)	PELMET TYPE					
900	TYPE A 236	TYPE B 266	TYPE B 296	TYPE B 326	TYPE B 386	TYPE C
1000						
1100						
1200						
1300						
1400						
1500						
1600						
1700						
1800						
1900						
2000						
2100						
2200						
2300						
2400						
2500						
2600						
2700						
2800						
2900						
3000						
3200						
3700						
4200						
4500						

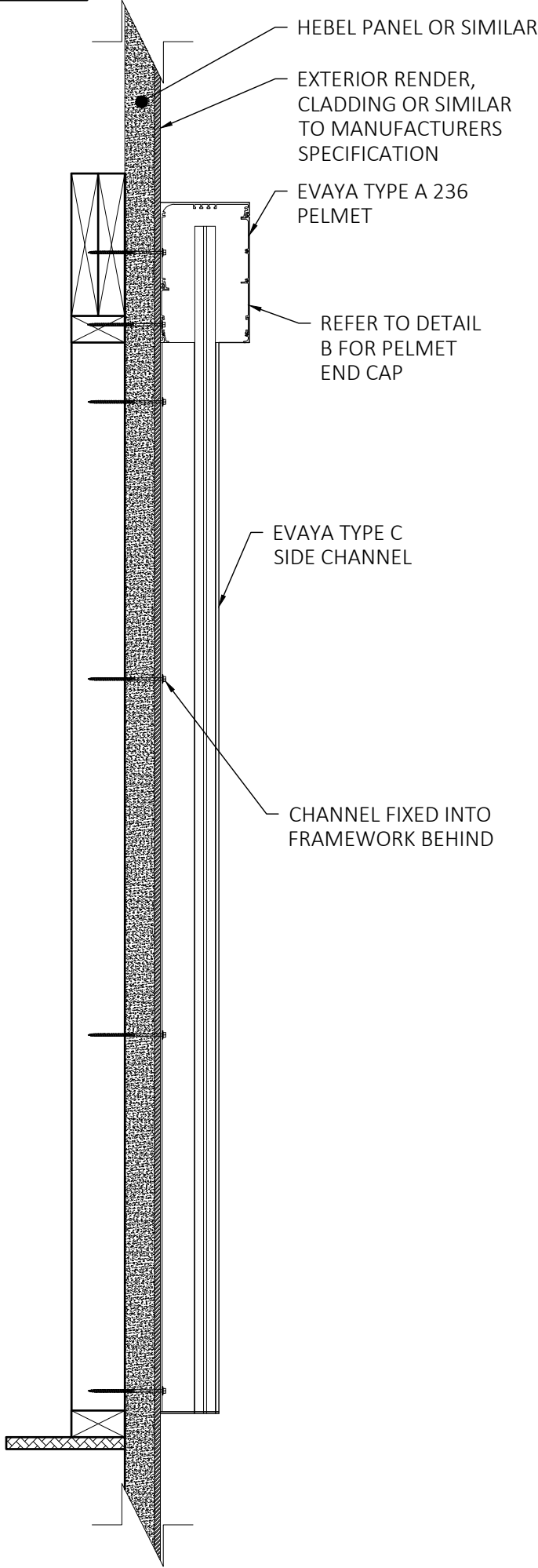
FRONT ELEVATION
TYPE A 236 PELMET WITH TYPE C SIDE CHANNELS



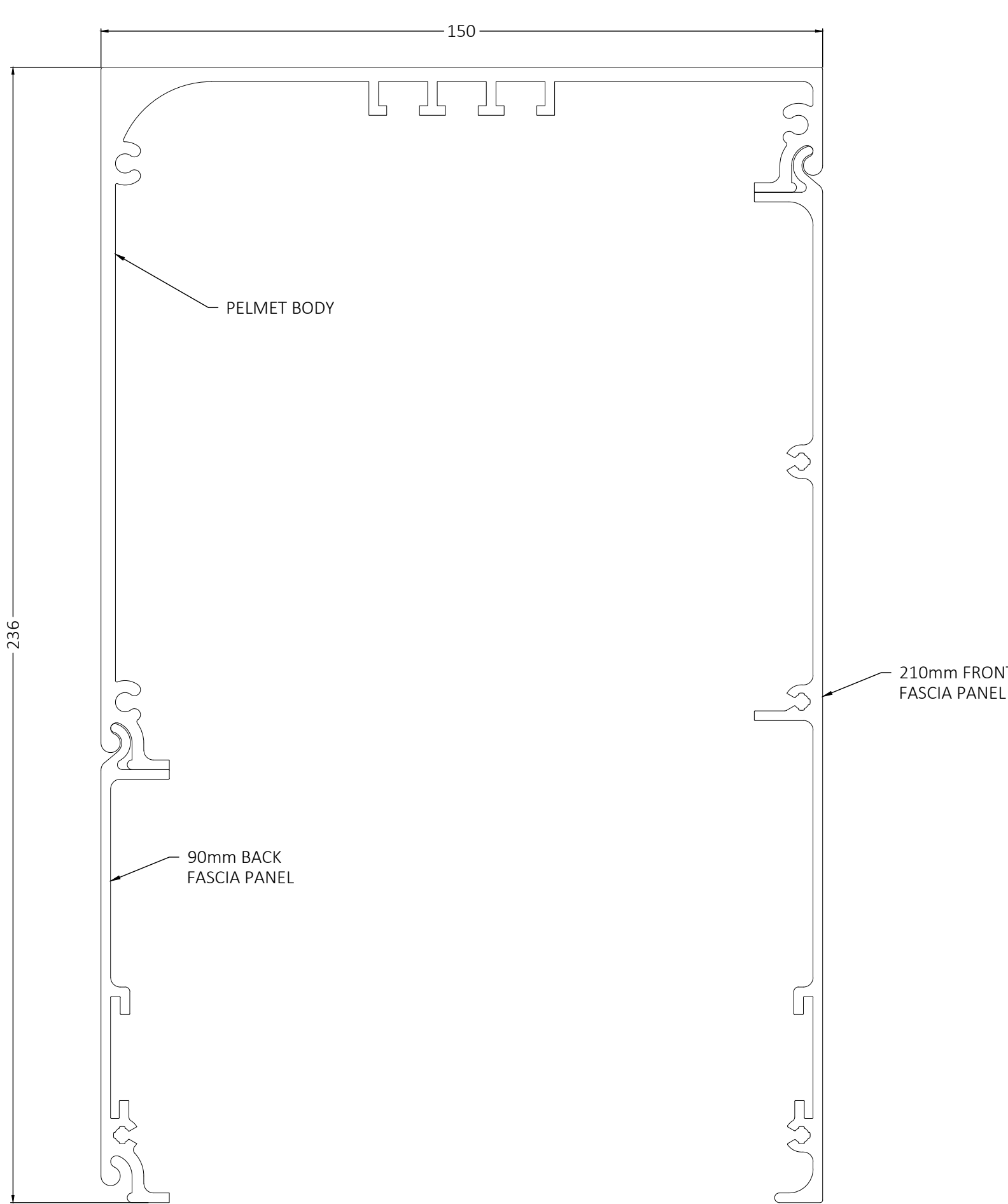
SECTION A-A
LOWERED



SECTION B-B



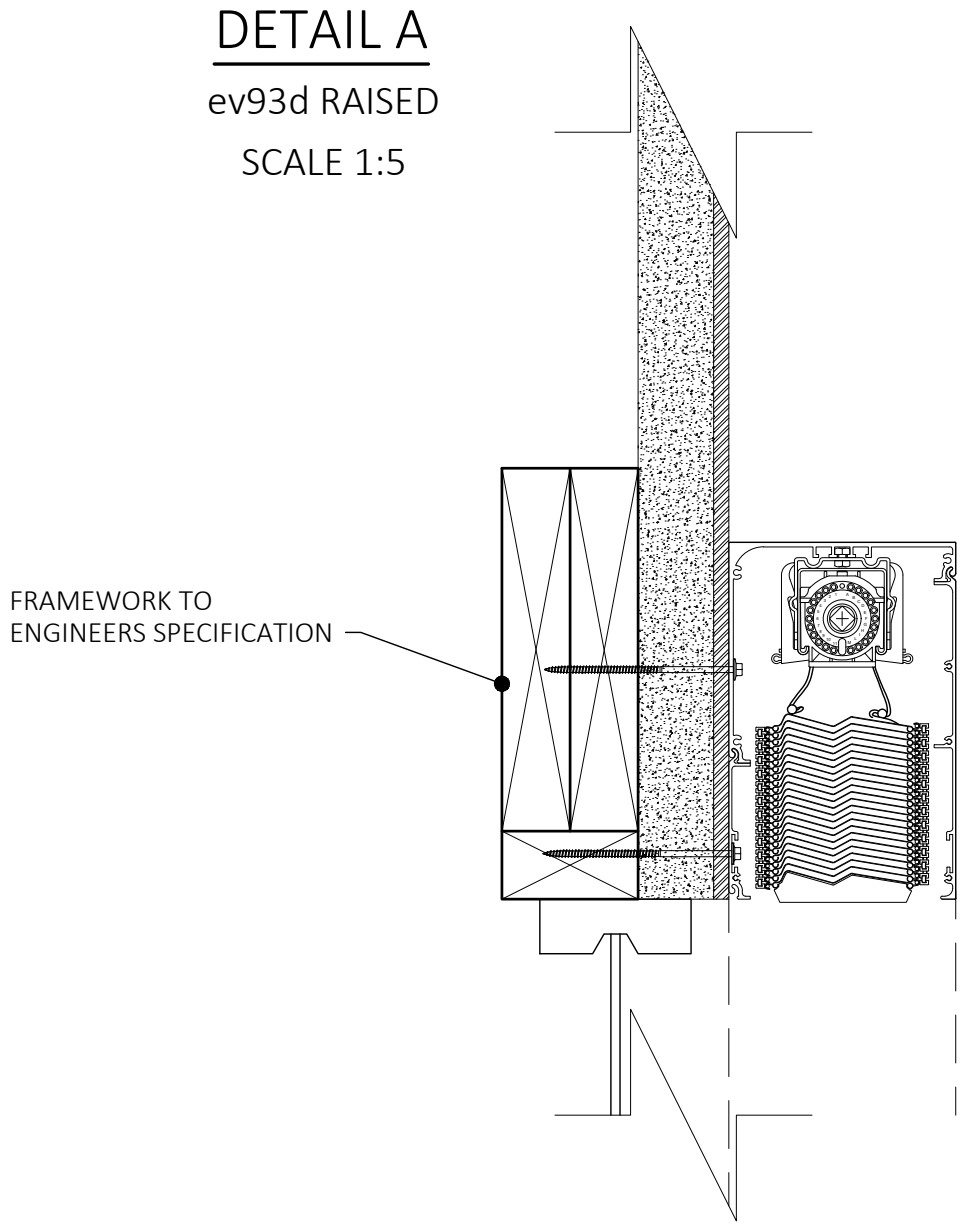
PELMET PROFILE
SCALE 1:1



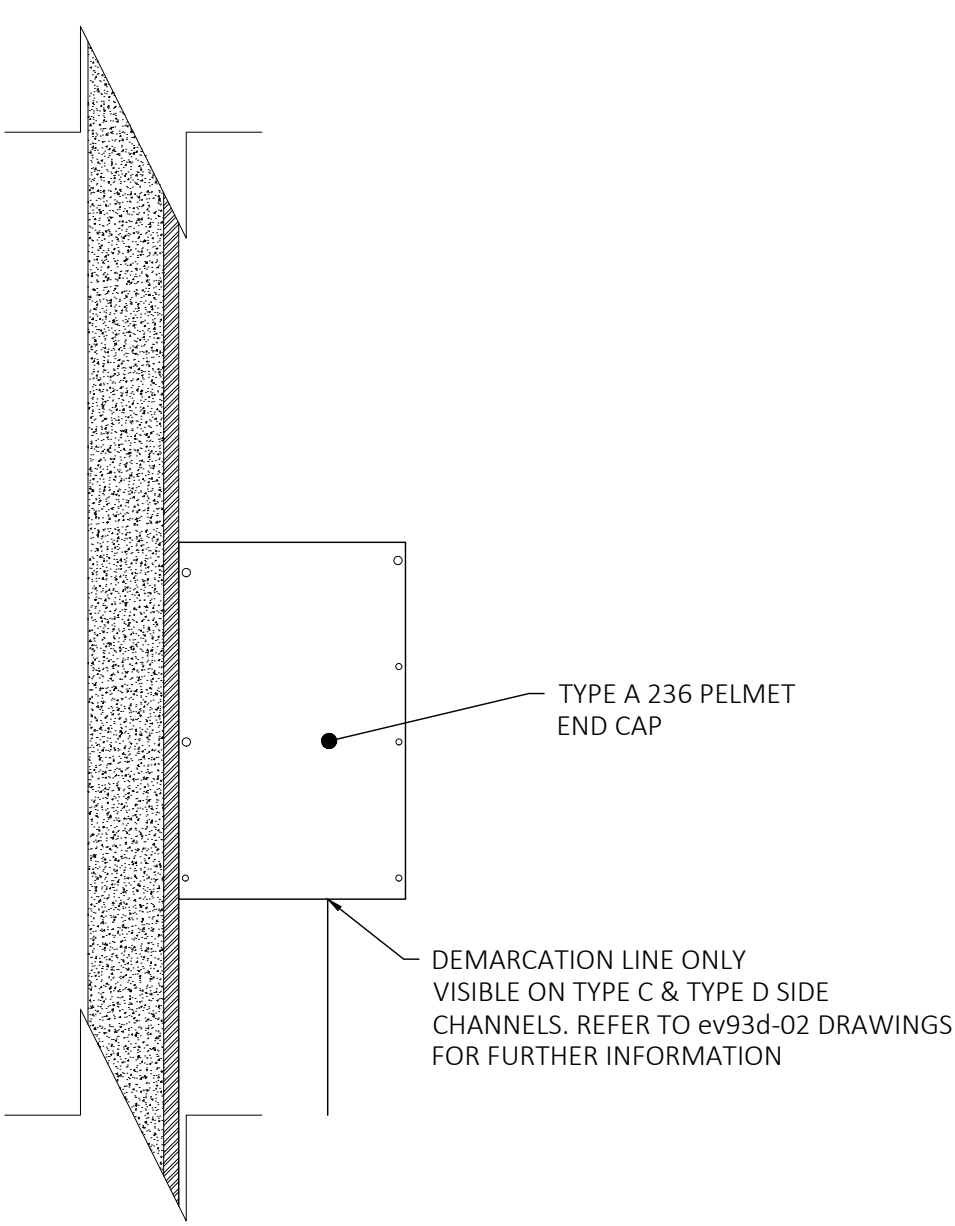
NOTES

- PELEMT DRAWN IS A TYPE A 236 PELMET WITH TYPE C CHANNELS, WINDOW IS 1800mm HIGH x 2400mm WIDE
- THE TYPE A 236 PELMET IS DESIGNED TO CONCEAL THE STACK HEIGHT OF THE ev93d'S FOR WINDOWS UP TO 1800mm IN HEIGHT
- COMPATIBLE WITH ALL EVAYA CHANNEL TYPES, REFER TO DRAWING ev93d-02 FOR FURTHER DETAIL
- TOP AND BACK FIXING POSSIBLE FOR FACE FIT AND RECESS APPLICATIONS, REFER TO DRAWING ev93d-05-01 FOR FURTHER DETAIL
- DASHED AREA INDICATES RANGE OF MOTION OF THE ev93d. THIS MUST REMAIN UNOBSTRUCTED
- OBSTACLES WHICH MAY CAUSE POSSIBLE INTERFERENCE INCLUDE:
 - OUTWARD OPENING AWNING WINDOWS
 - DOOR AND WINDOW HARDWARE
 - STORMBARS
 - ETC

DETAIL A
ev93d RAISED
SCALE 1:5



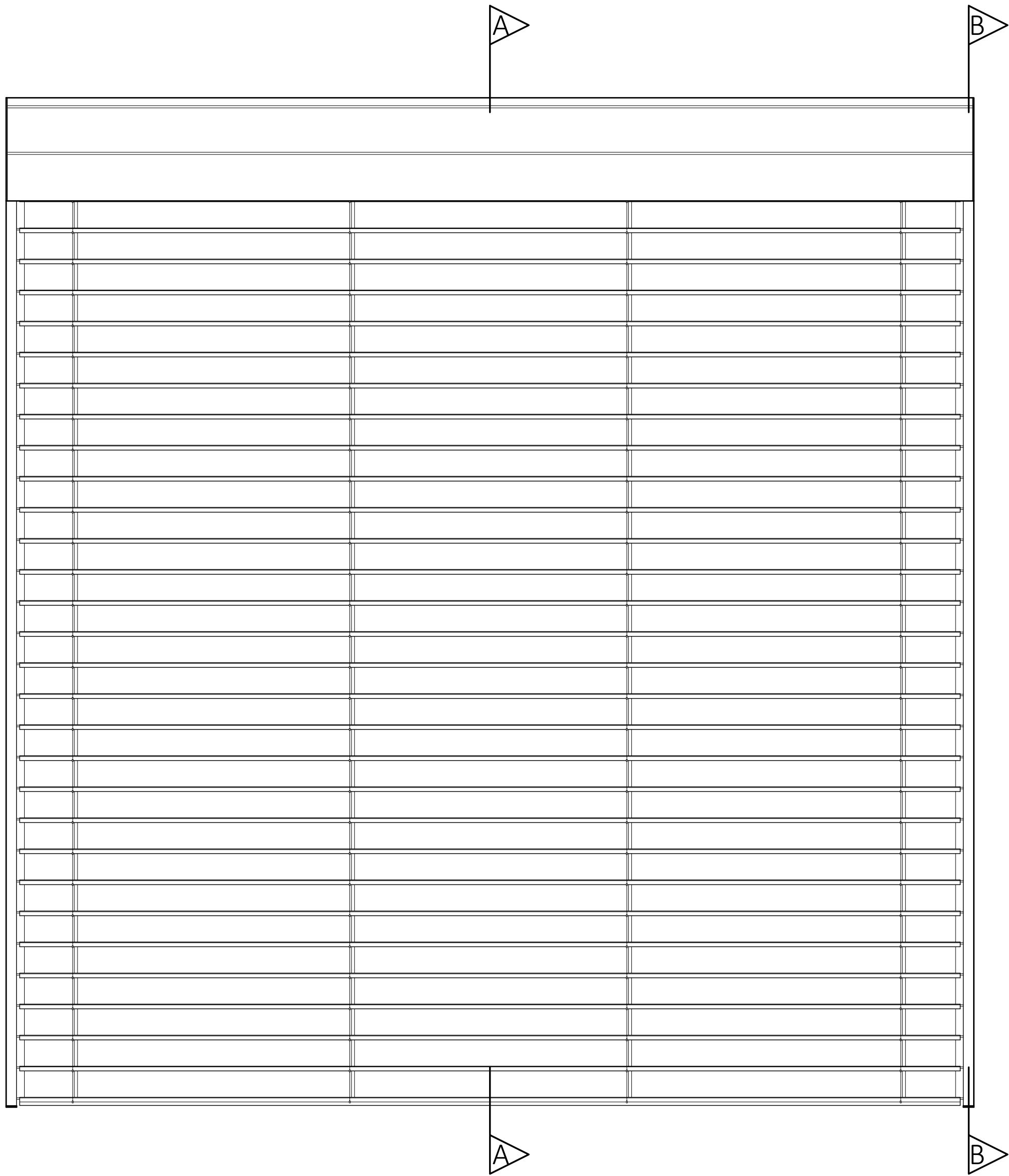
DETAIL B
PELMET END CAP
SCALE 1:5



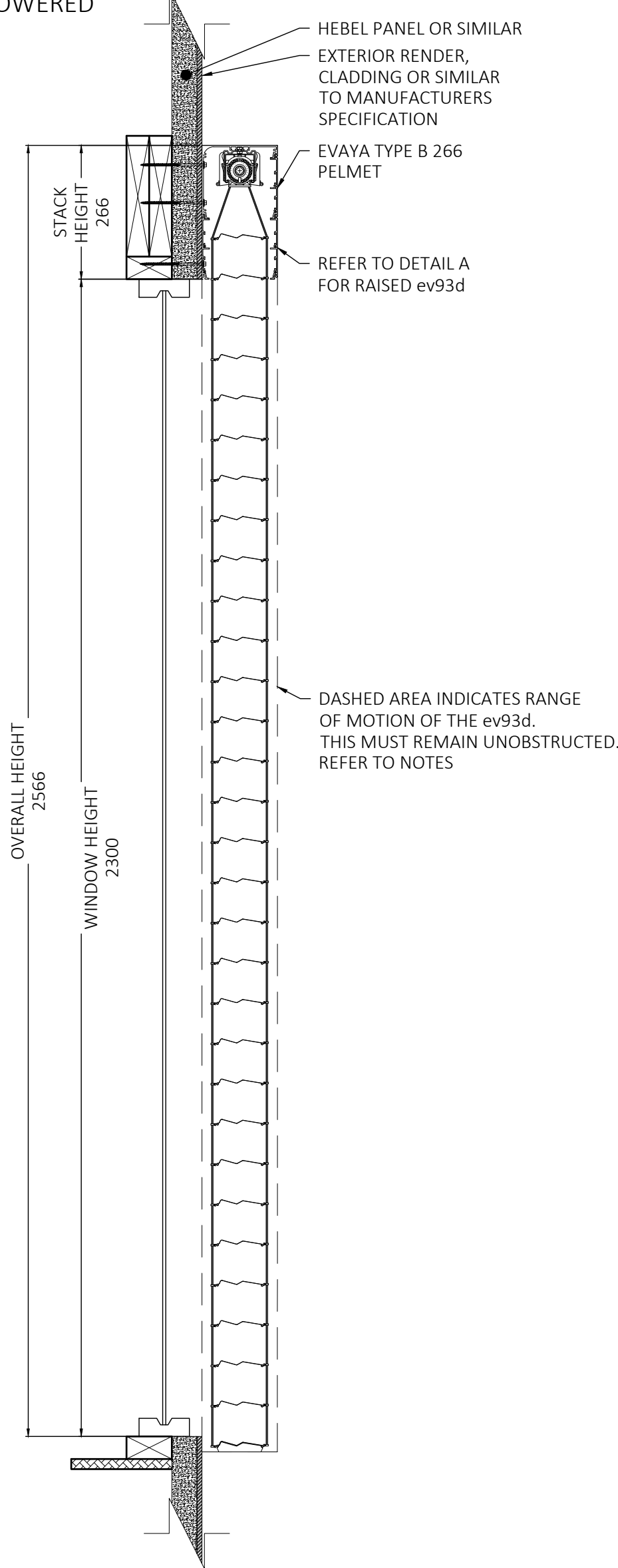
TYPE A 236 PELMET
SYSTEM - ev93d PELMET

SCALE 1:10 @ A1	DRAWING NO. ev93dSYSTEM-01-01.B	SHEET 17 of 60
BY SK	DATE NOV'25	CLIENT
CHECKED PA	DATE NOV'25	ADDRESS

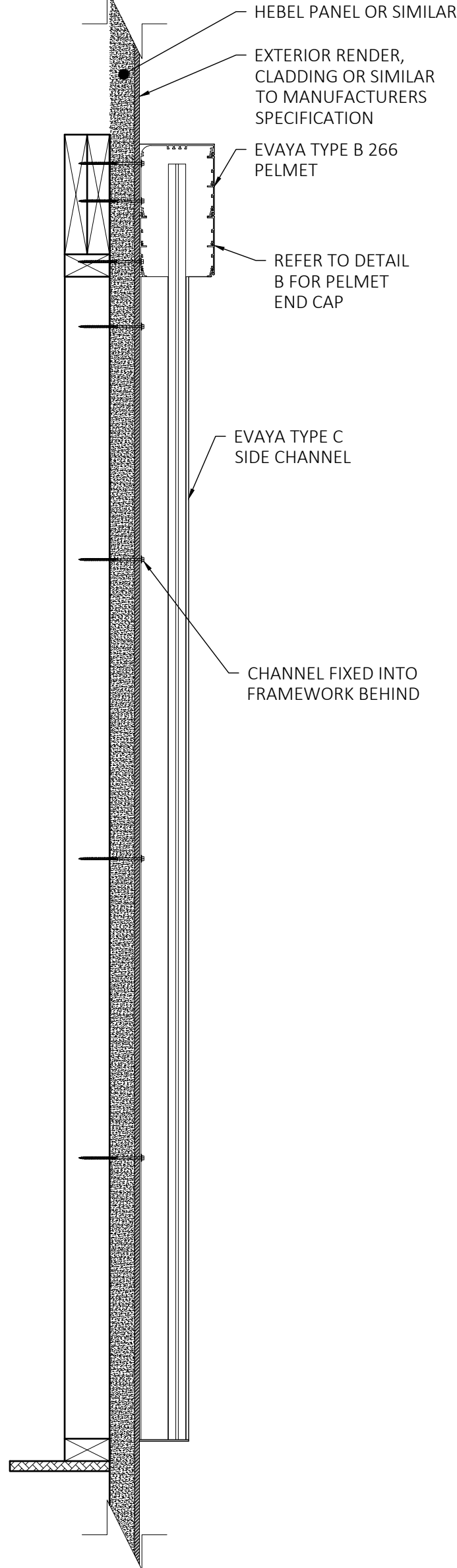
FRONT ELEVATION
TYPE B 266 PELMET WITH TYPE C SIDE CHANNELS



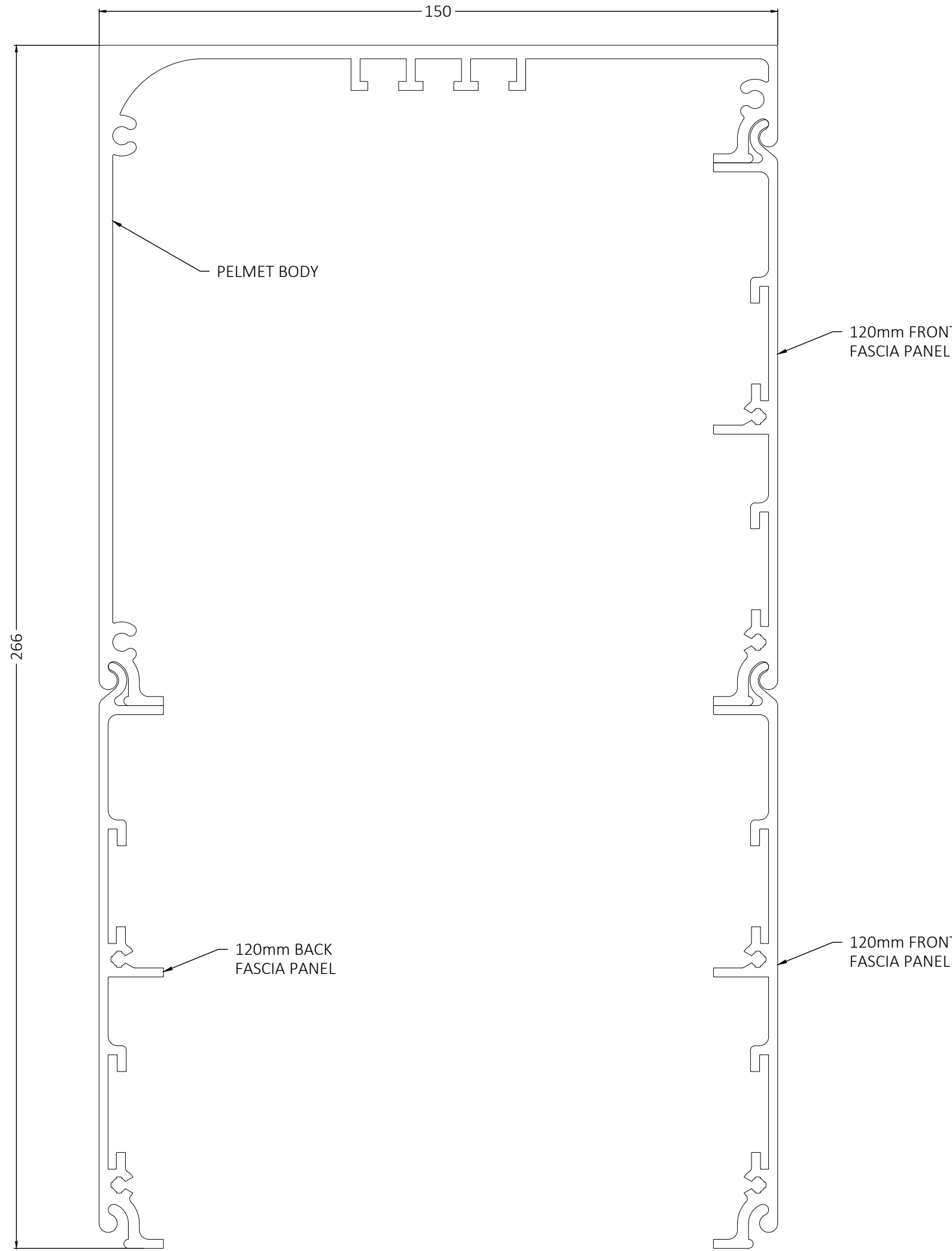
SECTION A-A
LOWERED



SECTION B-B



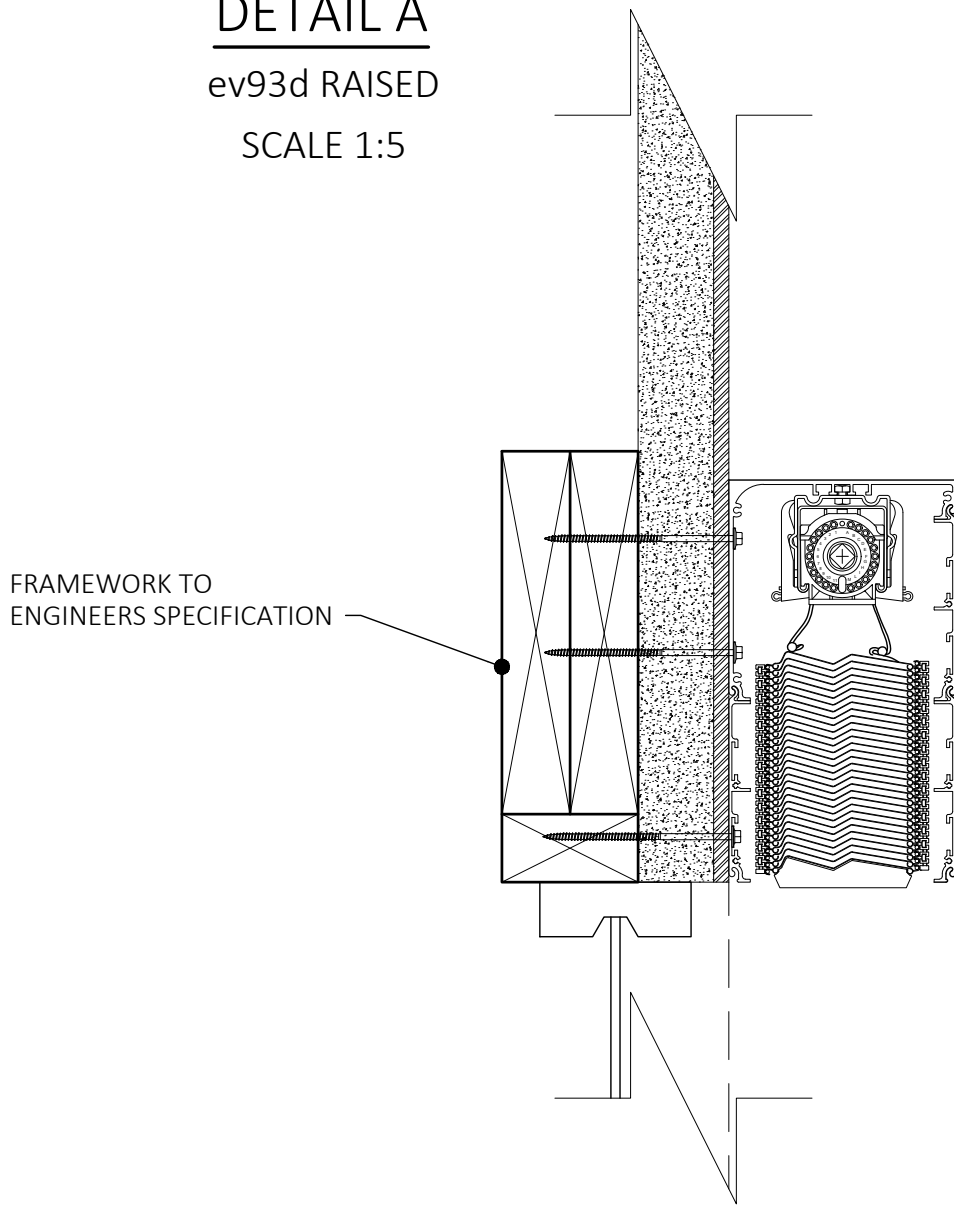
PELMET PROFILE
SCALE 1:1



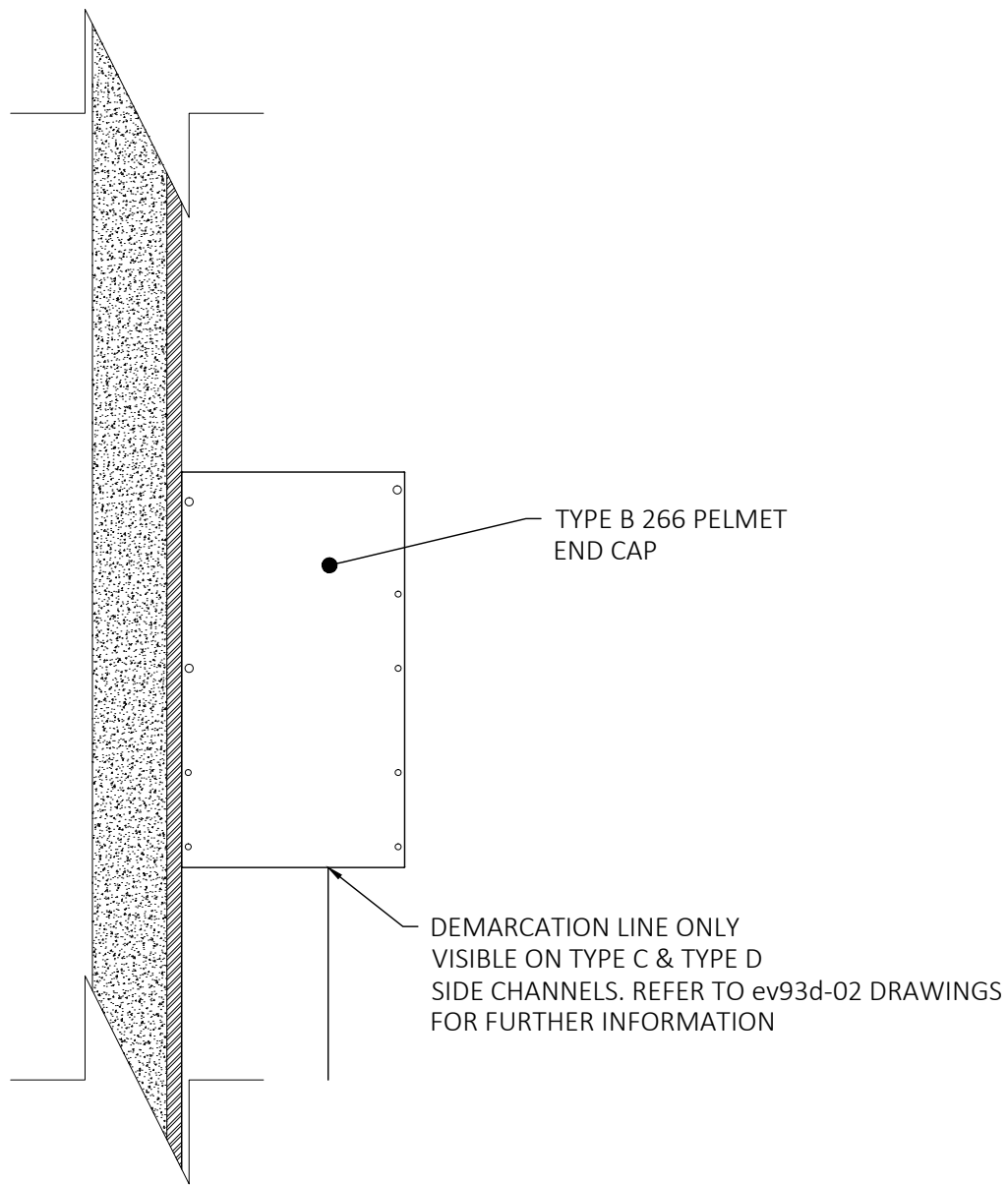
NOTES

- PELEMT DRAWN IS A TYPE B 266 PELMET WITH TYPE C CHANNELS, WINDOW IS 2300mm HIGH x 2400mm WIDE
- THE TYPE B 266 PELMET IS DESIGNED TO CONCEAL THE STACK HEIGHT OF THE ev93d'S FOR WINDOWS UP TO 2300mm IN HEIGHT
- COMPATIBLE WITH ALL EVAYA CHANNEL TYPES, REFER TO DRAWING ev93d-02 FOR FURTHER DETAIL
- TOP AND BACK FIXING POSSIBLE FOR FACE FIT AND RECESS APPLICATIONS, REFER TO DRAWING ev93d-05-01 FOR FURTHER DETAIL
- DASHED AREA INDICATES RANGE OF MOTION OF THE ev93d. THIS MUST REMAIN UNOBSTRUCTED
- OBSTACLES WHICH MAY CAUSE POSSIBLE INTERFERENCE INCLUDE:
 - OUTWARD OPENING AWNING WINDOWS
 - DOOR AND WINDOW HARDWARE
 - STORMBARS
 - ETC

DETAIL A
ev93d RAISED
SCALE 1:5

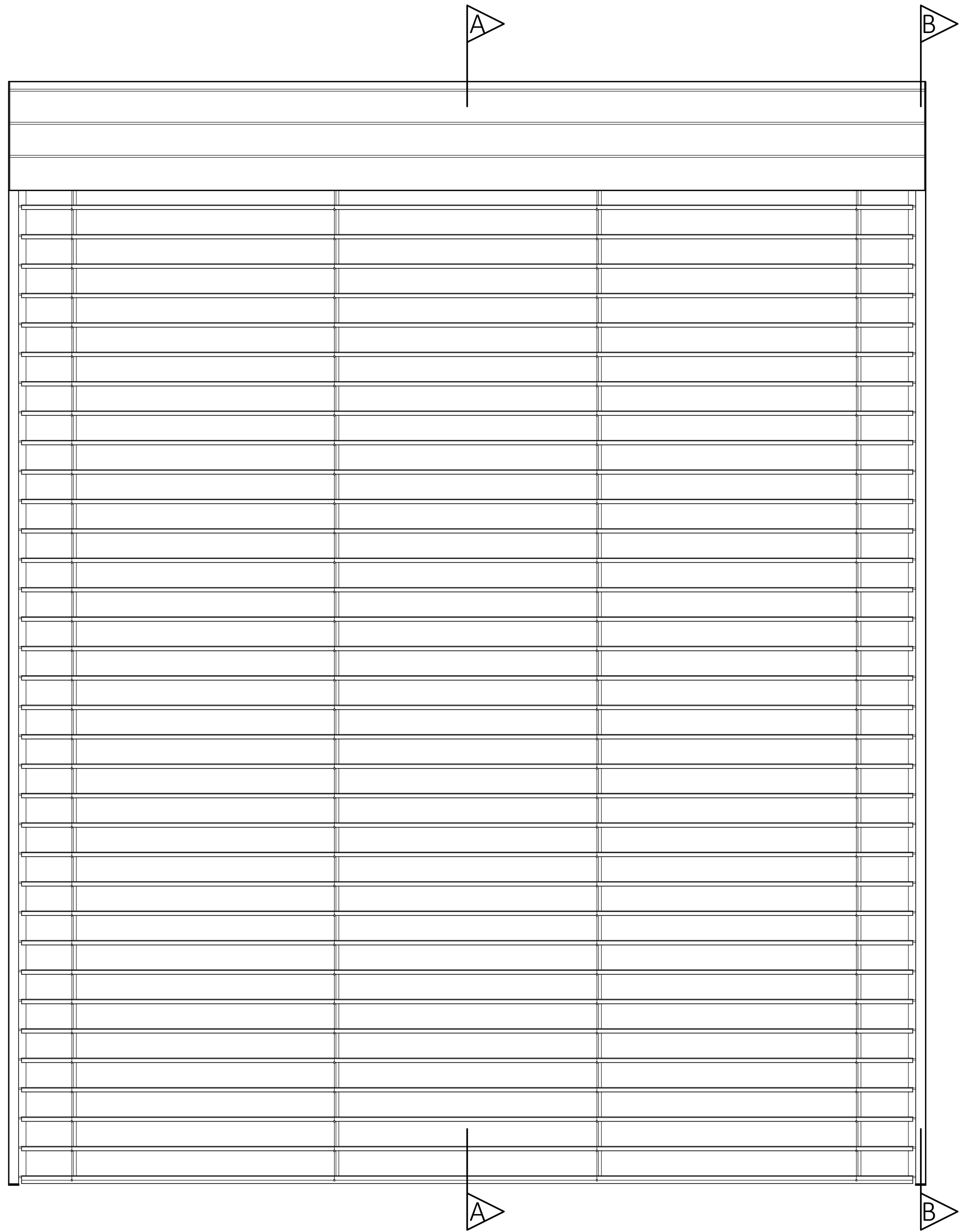


DETAIL B
PELMET END CAP
SCALE 1:5

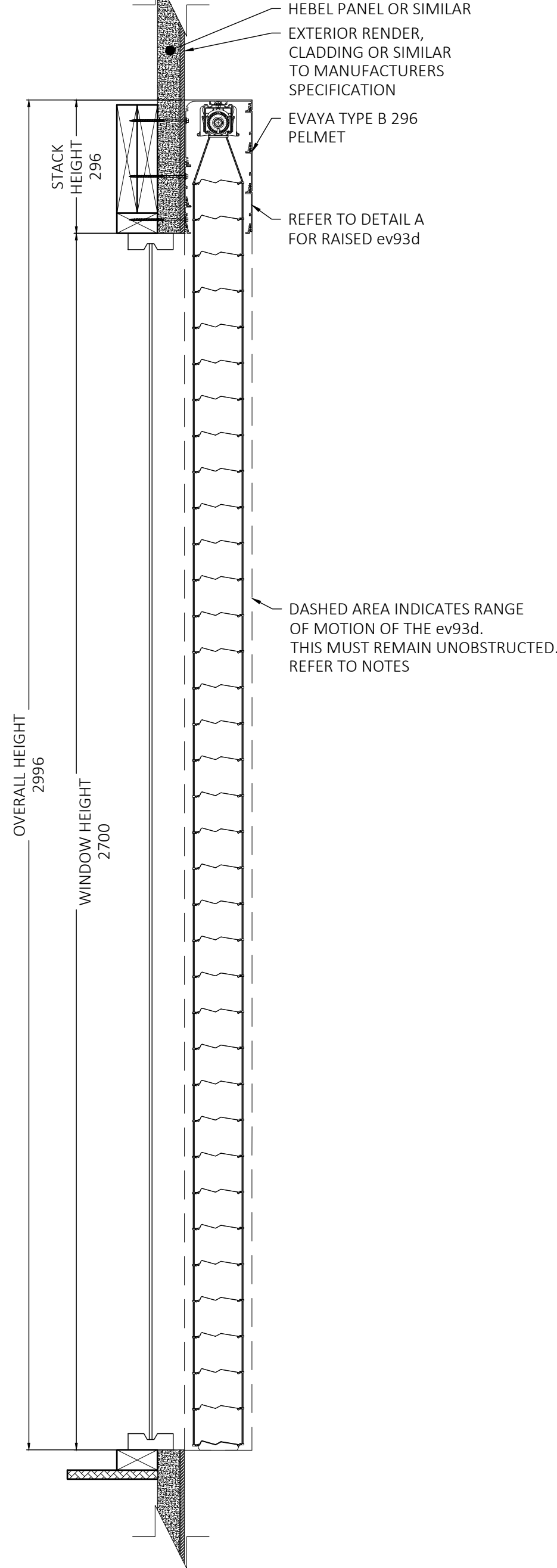


TYPE B 266 PELMET
SYSTEM - ev93d PELMET

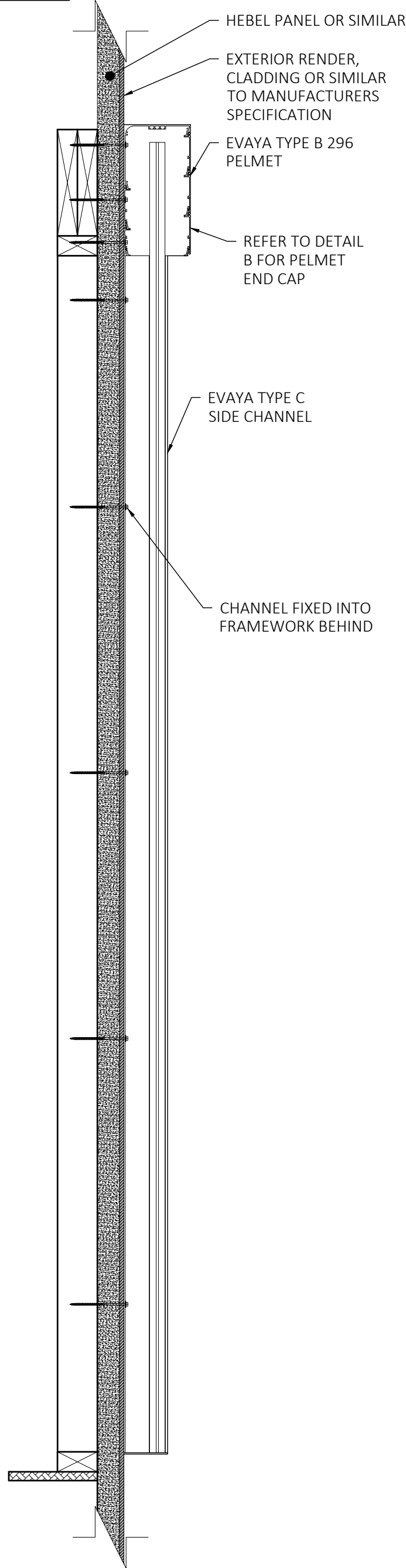
FRONT ELEVATION
TYPE B 296 PELMET WITH TYPE C SIDE CHANNELS



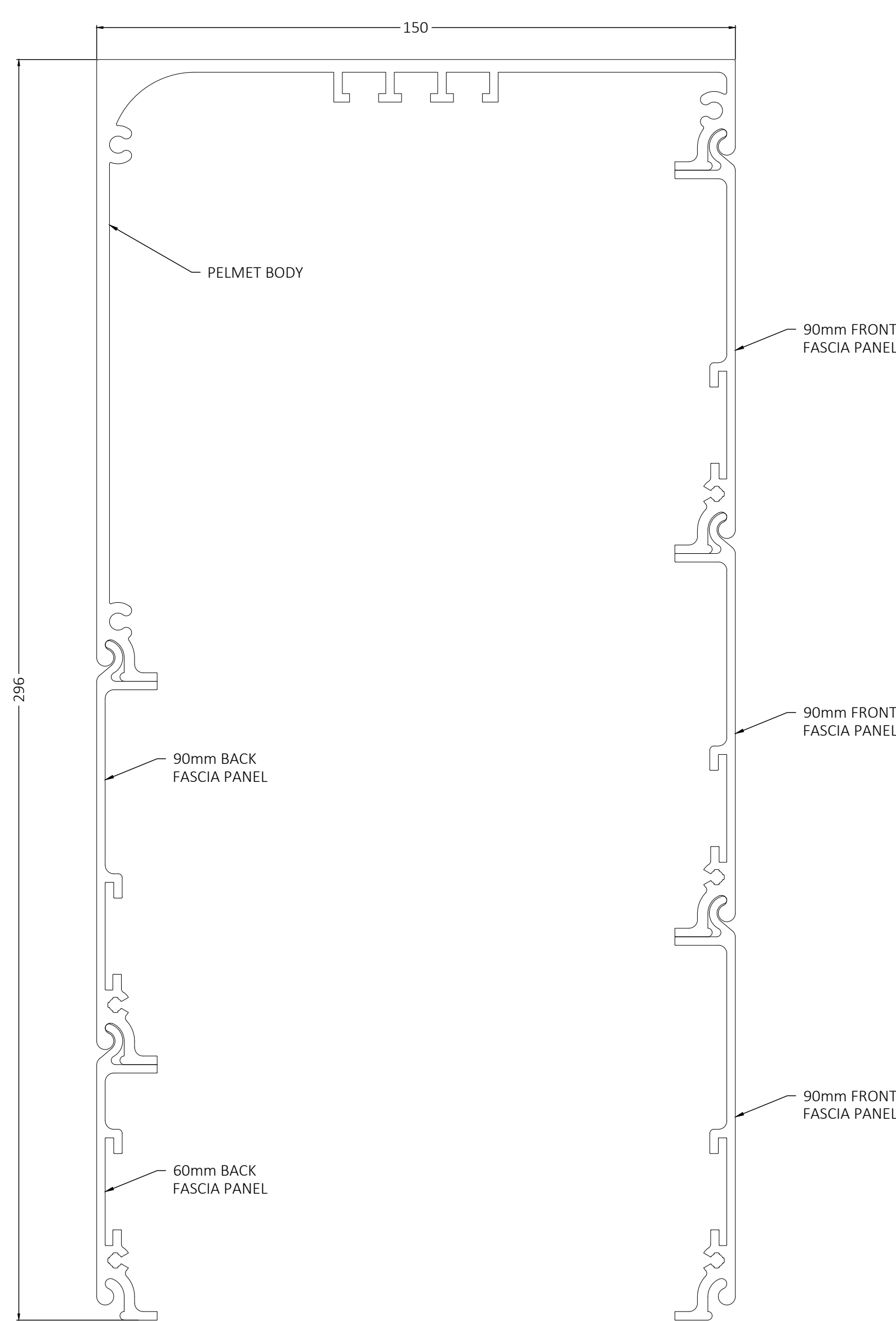
SECTION A-A
LOWERED



SECTION B-B



PELMET PROFILE
SCALE 1:1

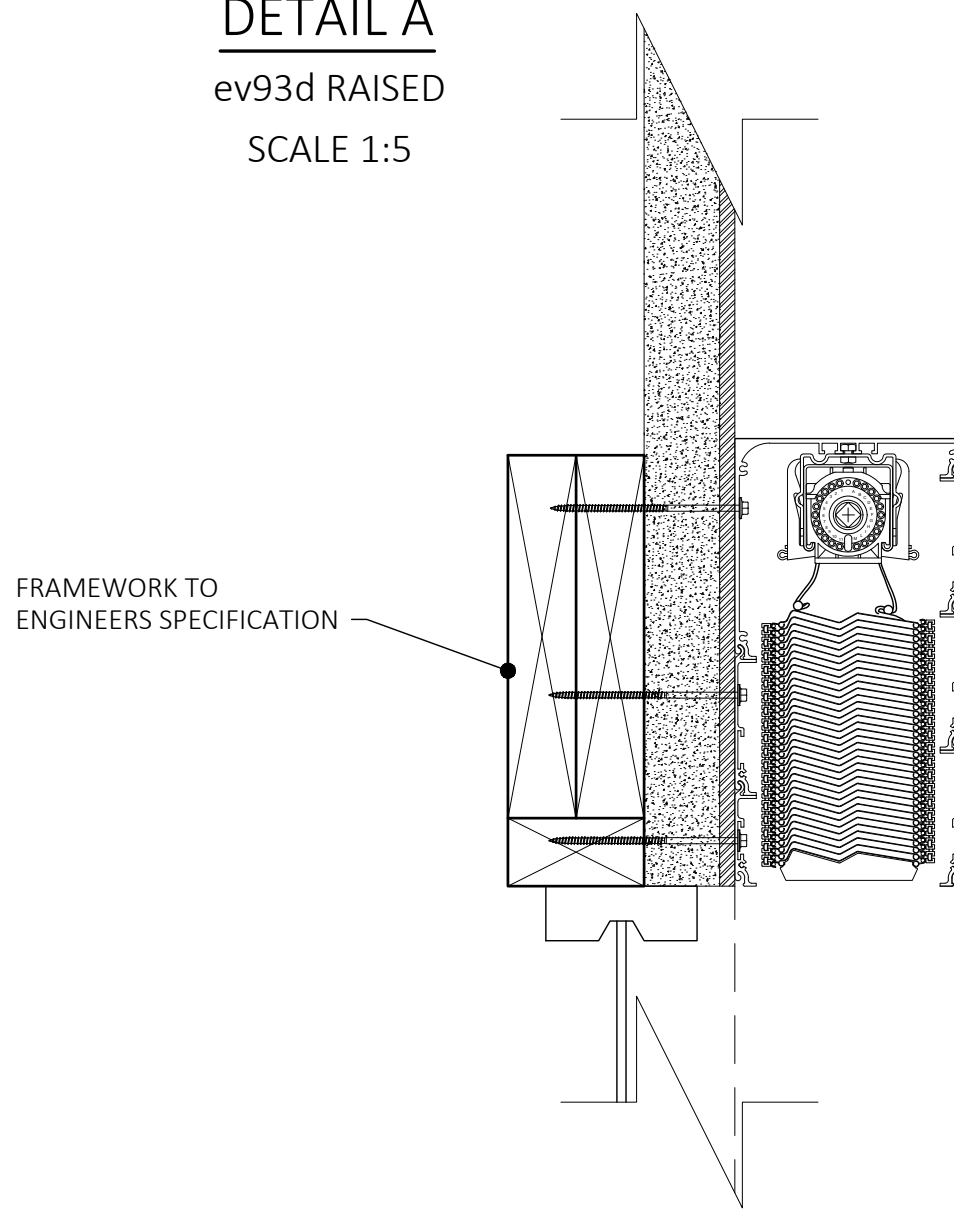


NOTES

- PELEMT DRAWN IS A TYPE B 296 PELMET WITH TYPE C CHANNELS, WINDOW IS 2700mm HIGH x 2400mm WIDE
- THE TYPE B 296 PELMET IS DESIGNED TO CONCEAL THE STACK HEIGHT OF THE ev93d'S FOR WINDOWS UP TO 2700mm IN HEIGHT
- COMPATIBLE WITH ALL EVAYA CHANNEL TYPES, REFER TO DRAWING ev93d-02 FOR FURTHER DETAIL
- TOP AND BACK FIXING POSSIBLE FOR FACE FIT AND RECESS APPLICATIONS, REFER TO DRAWING ev93d-05-01 FOR FURTHER DETAIL
- DASHED AREA INDICATES RANGE OF MOTION OF THE ev93d. THIS MUST REMAIN UNOBSTRUCTED
- OBSTACLES WHICH MAY CAUSE POSSIBLE INTERFERENCE INCLUDE:
 - OUTWARD OPENING AWNING WINDOWS
 - DOOR AND WINDOW HARDWARE
 - STORMBARS
 - ETC

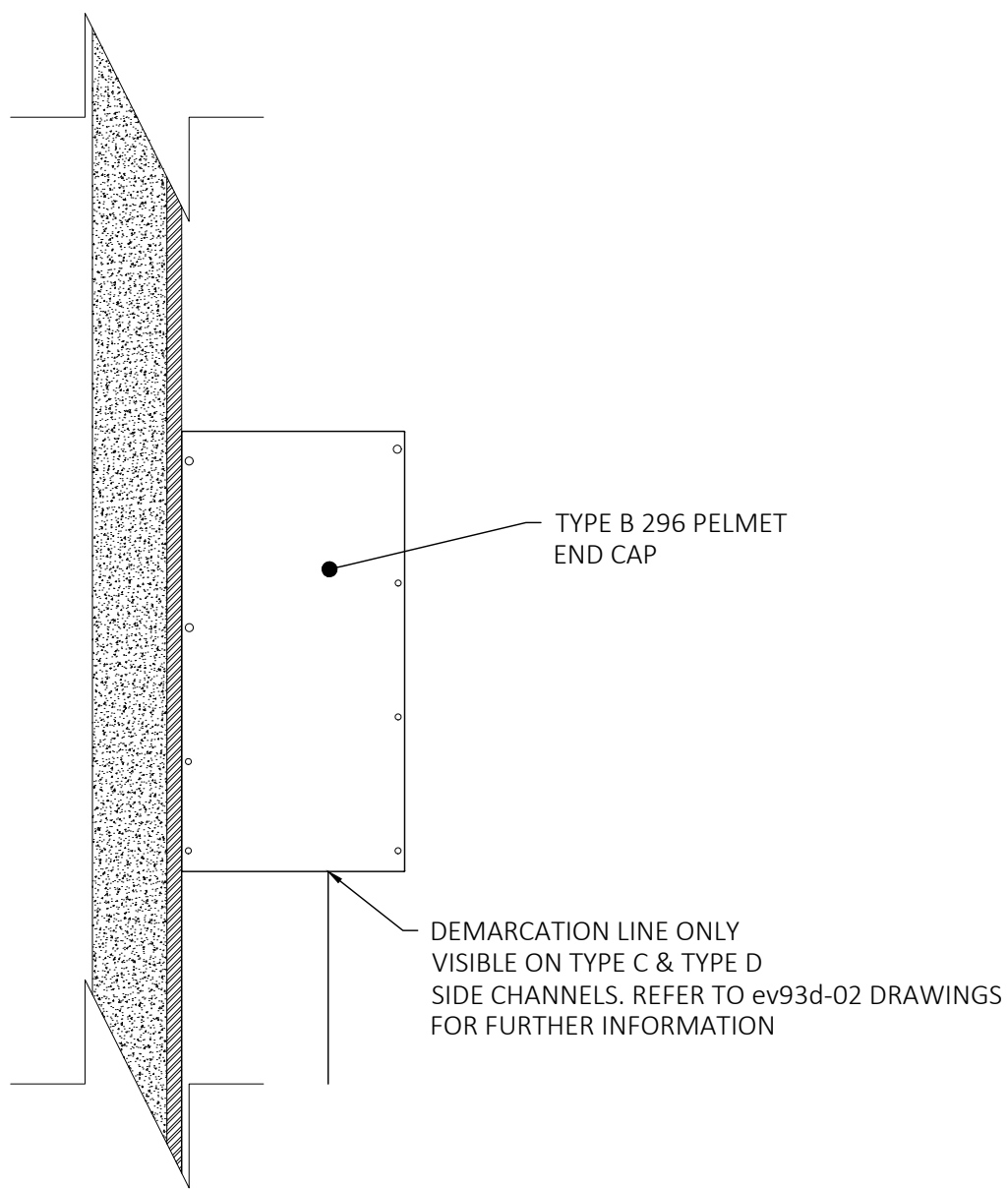
DETAIL A

ev93d RAISED
SCALE 1:5



DETAIL B

PELMET END CAP
SCALE 1:5



TYPE B 296 PELMET
SYSTEM - ev93d PELMET

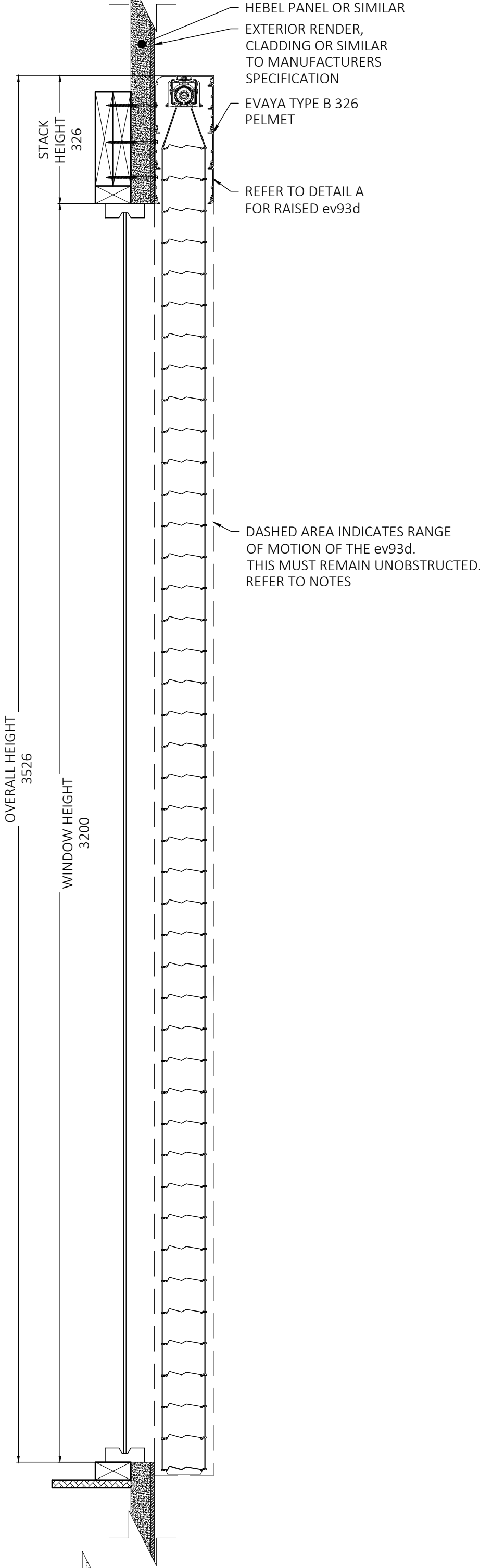
FRONT ELEVATION
TYPE B 326 PELMET WITH TYPE C SIDE CHANNELS



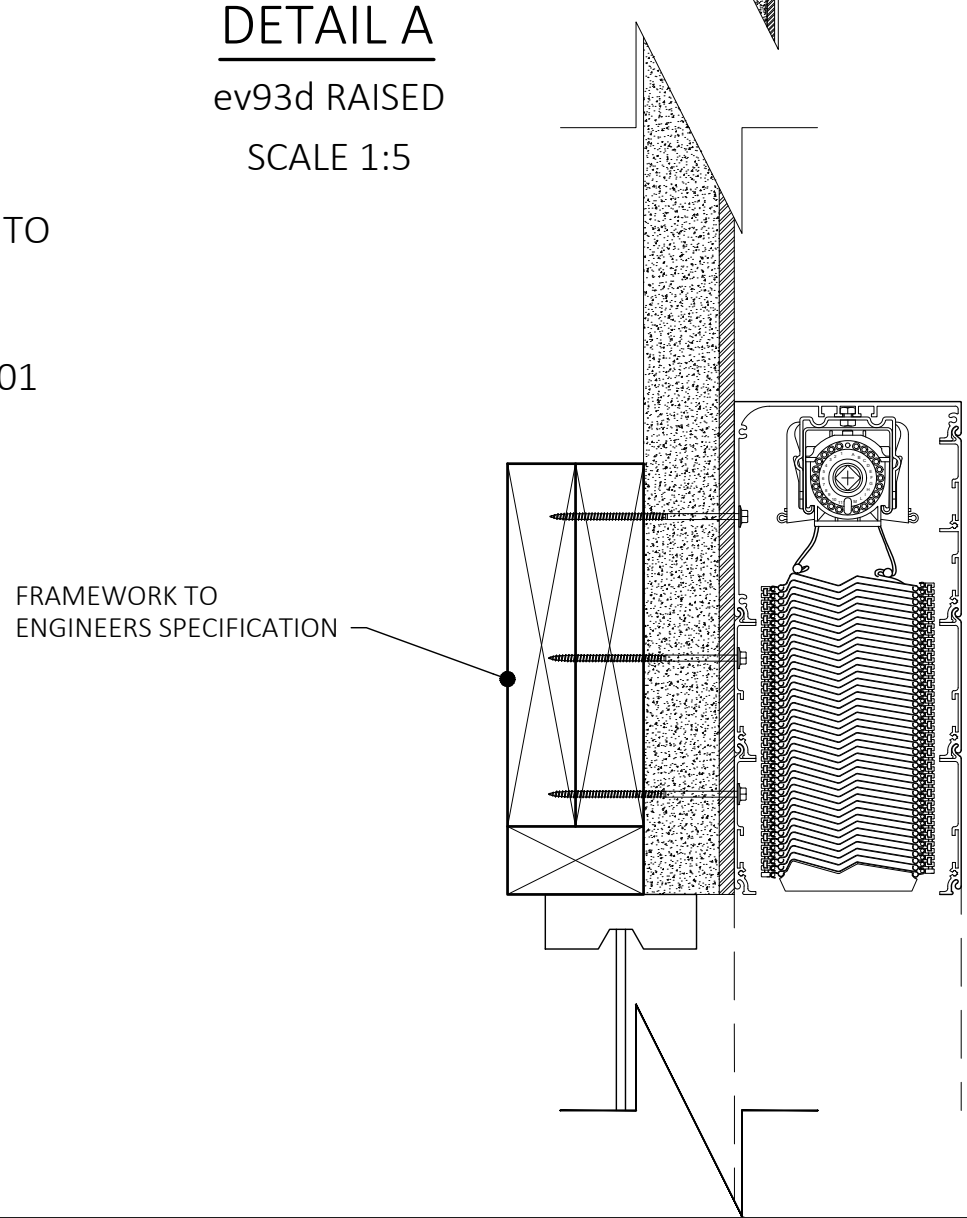
NOTES

- PELEMT DRAWN IS A TYPE B 326 PELMET WITH TYPE C CHANNELS, WINDOW IS 3200mm HIGH x 2400mm WIDE
- THE TYPE B 326 PELMET IS DESIGNED TO CONCEAL THE STACK HEIGHT OF THE ev93d'S FOR WINDOWS UP TO 3200mm IN HEIGHT
- COMPATIBLE WITH ALL EVAYA CHANNEL TYPES, REFER TO DRAWING ev93d-02 FOR FURTHER DETAIL
- TOP AND BACK FIXING POSSIBLE FOR FACE FIT AND RECESS APPLICATIONS, REFER TO DRAWING ev93d-05-01 FOR FURTHER DETAIL
- DASHED AREA INDICATES RANGE OF MOTION OF THE ev93d. THIS MUST REMAIN UNOBSTRUCTED
- OBSTACLES WHICH MAY CAUSE POSSIBLE INTERFERENCE INCLUDE:
 - OUTWARD OPENING AWNING WINDOWS
 - DOOR AND WINDOW HARDWARE
 - STORMBARS
 - ETC

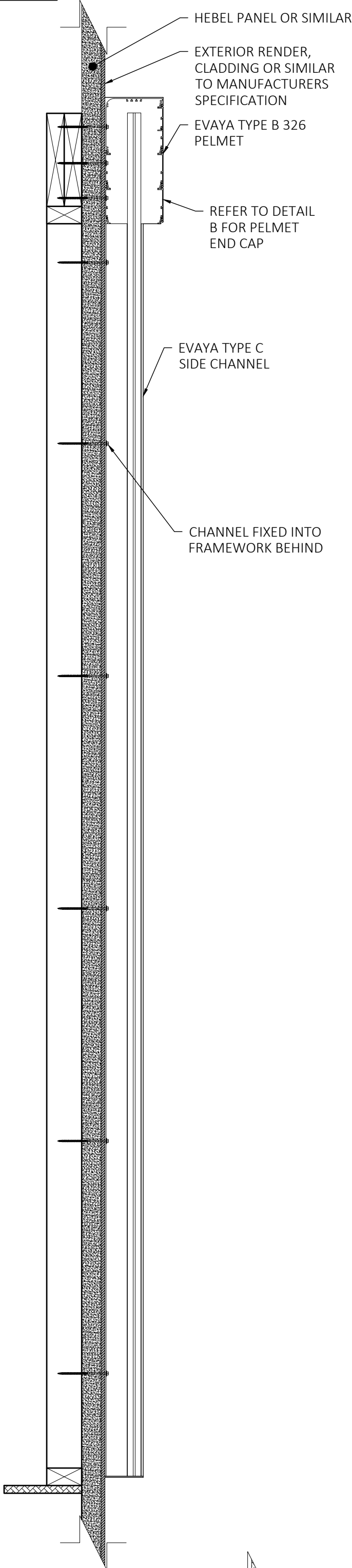
SECTION A-A
LOWERED



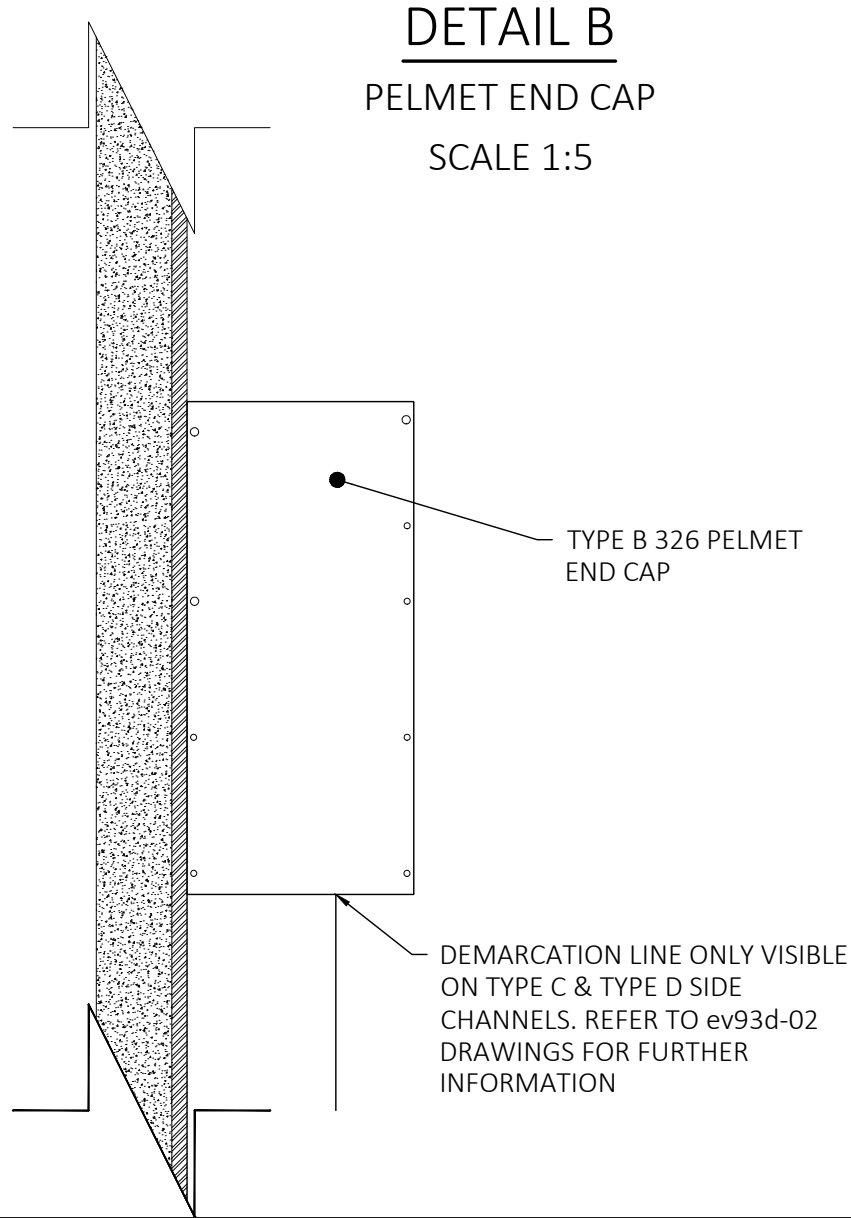
DETAIL A
ev93d RAISED
SCALE 1:5



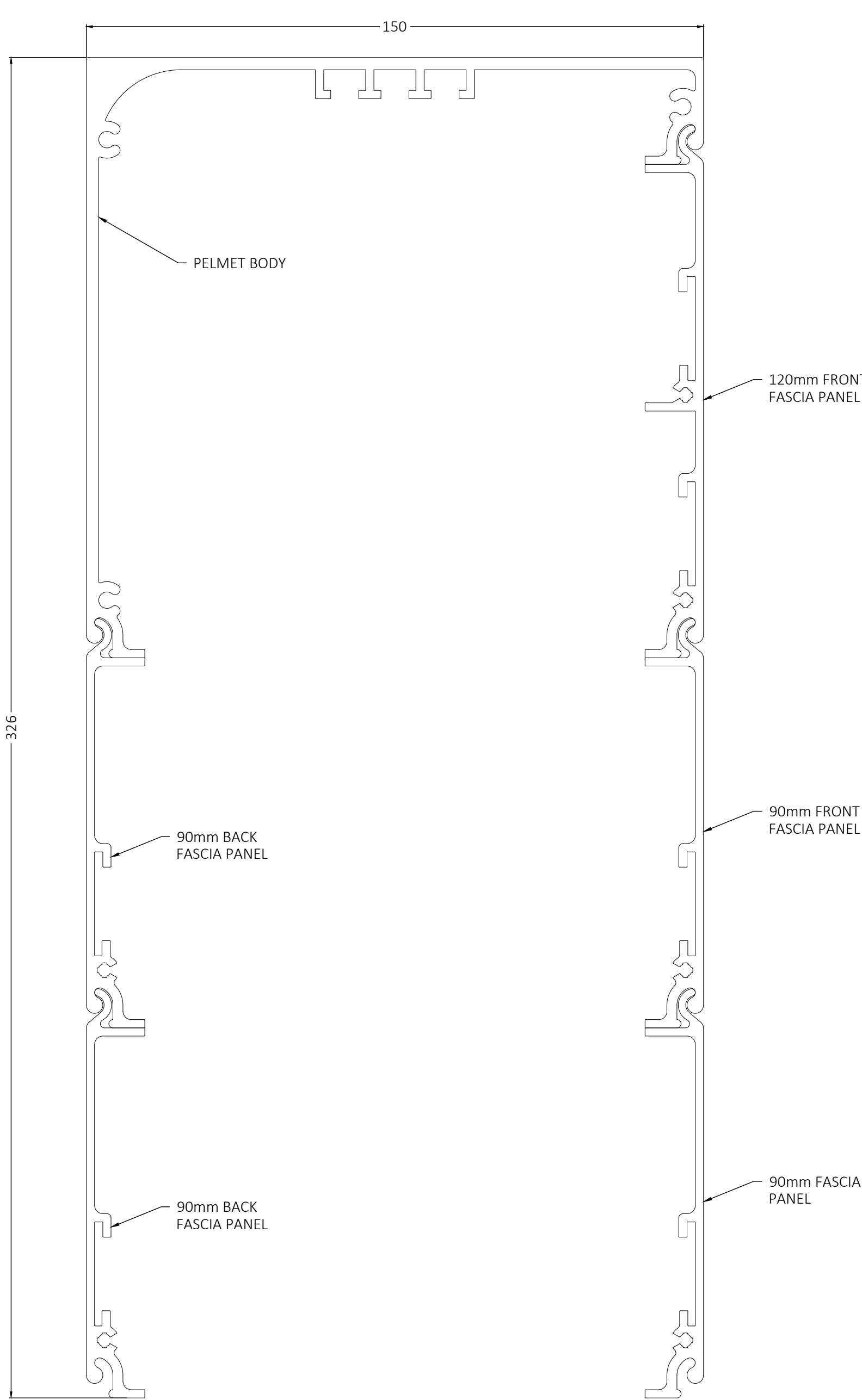
SECTION B-B



DETAIL B
PELMET END CAP
SCALE 1:5



PELMET PROFILE
SCALE 1:1



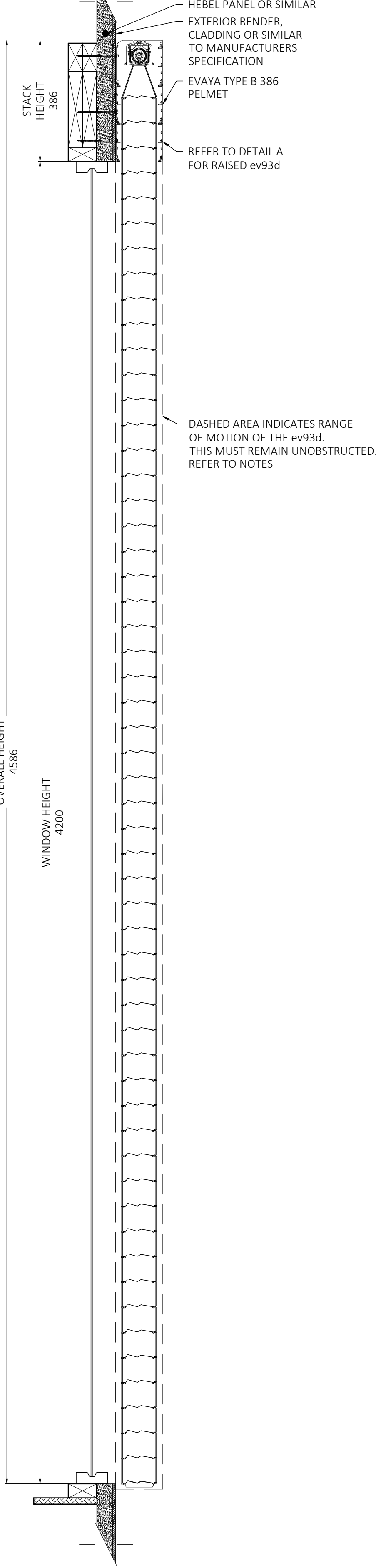
TYPE B 326 PELMET
SYSTEM - ev93d PELMET

SCALE 1:10 @ A1	DRAWING NO. ev93dSYSTEM-01-04.B	SHEET 20 of 60
BY SK	DATE NOV'25	CLIENT
CHECKED PA	DATE NOV'25	ADDRESS

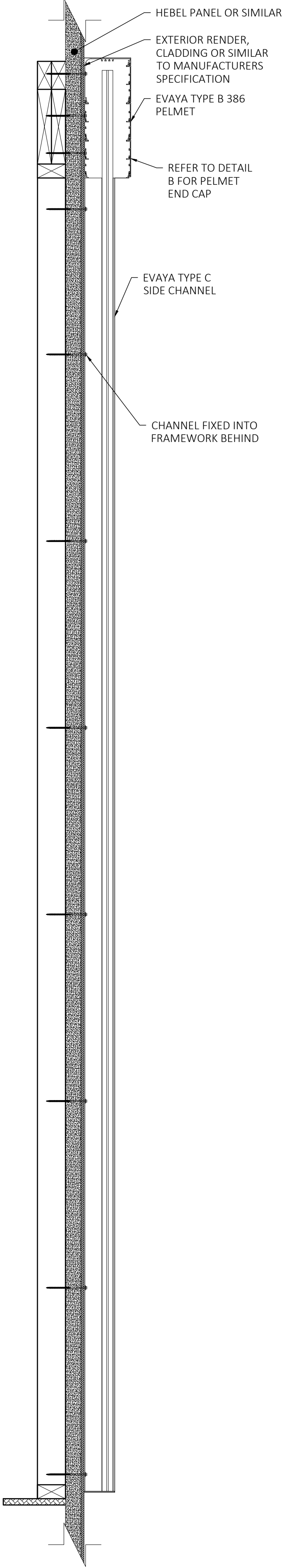
FRONT ELEVATION
TYPE B 386 PELMET WITH TYPE C SIDE CHANNELS



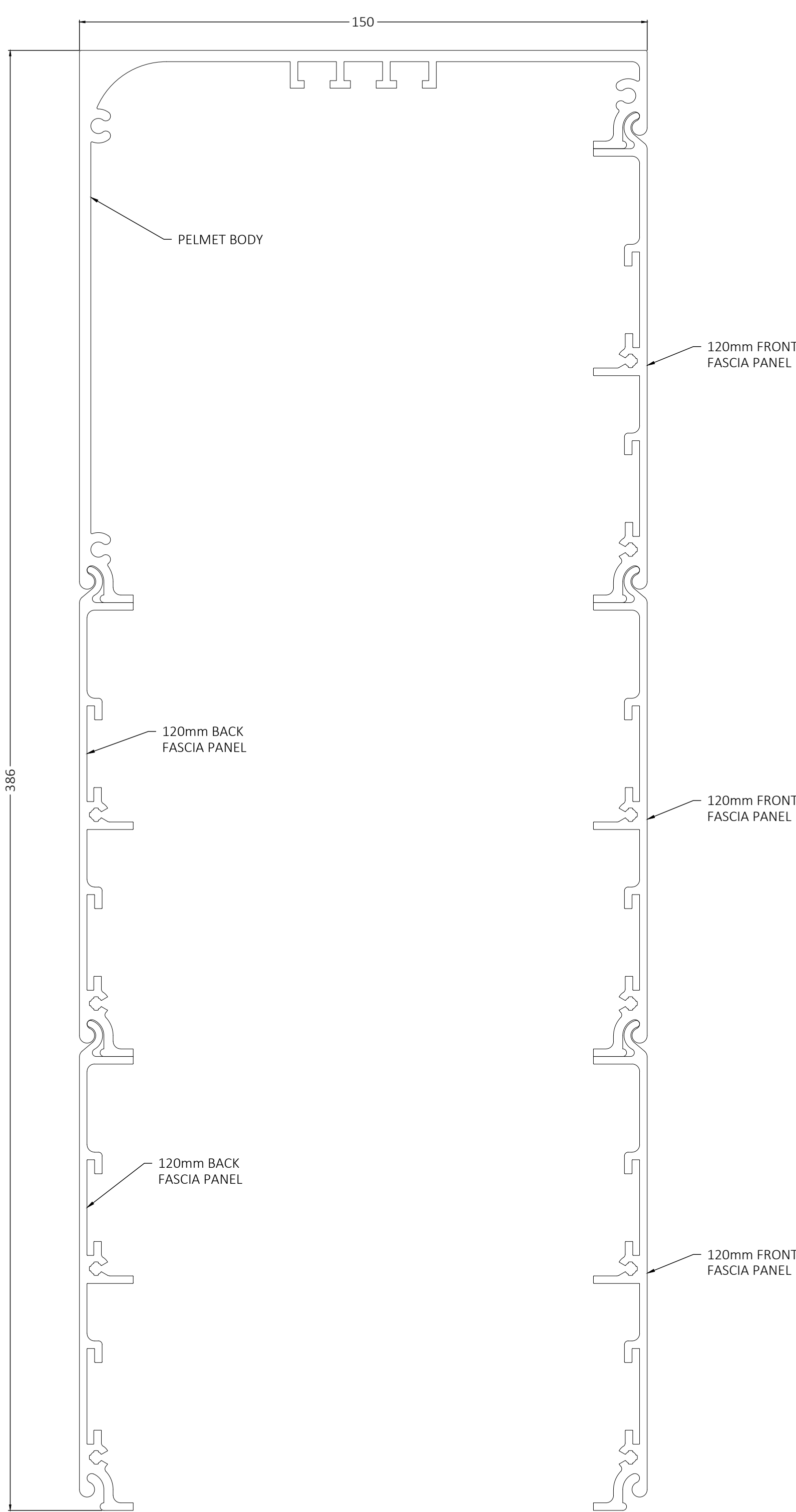
SECTION A-A
LOWERED



SECTION B-B



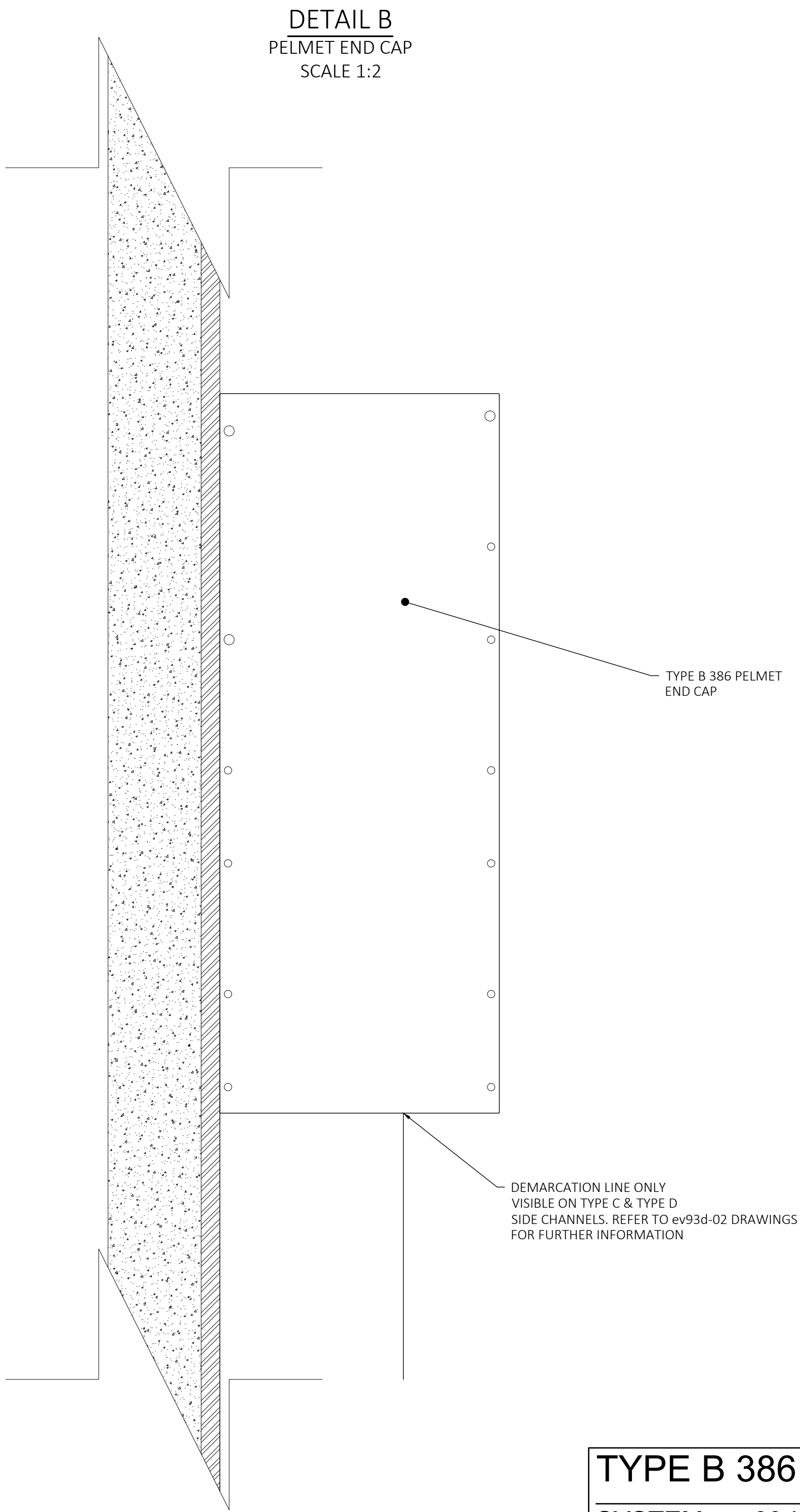
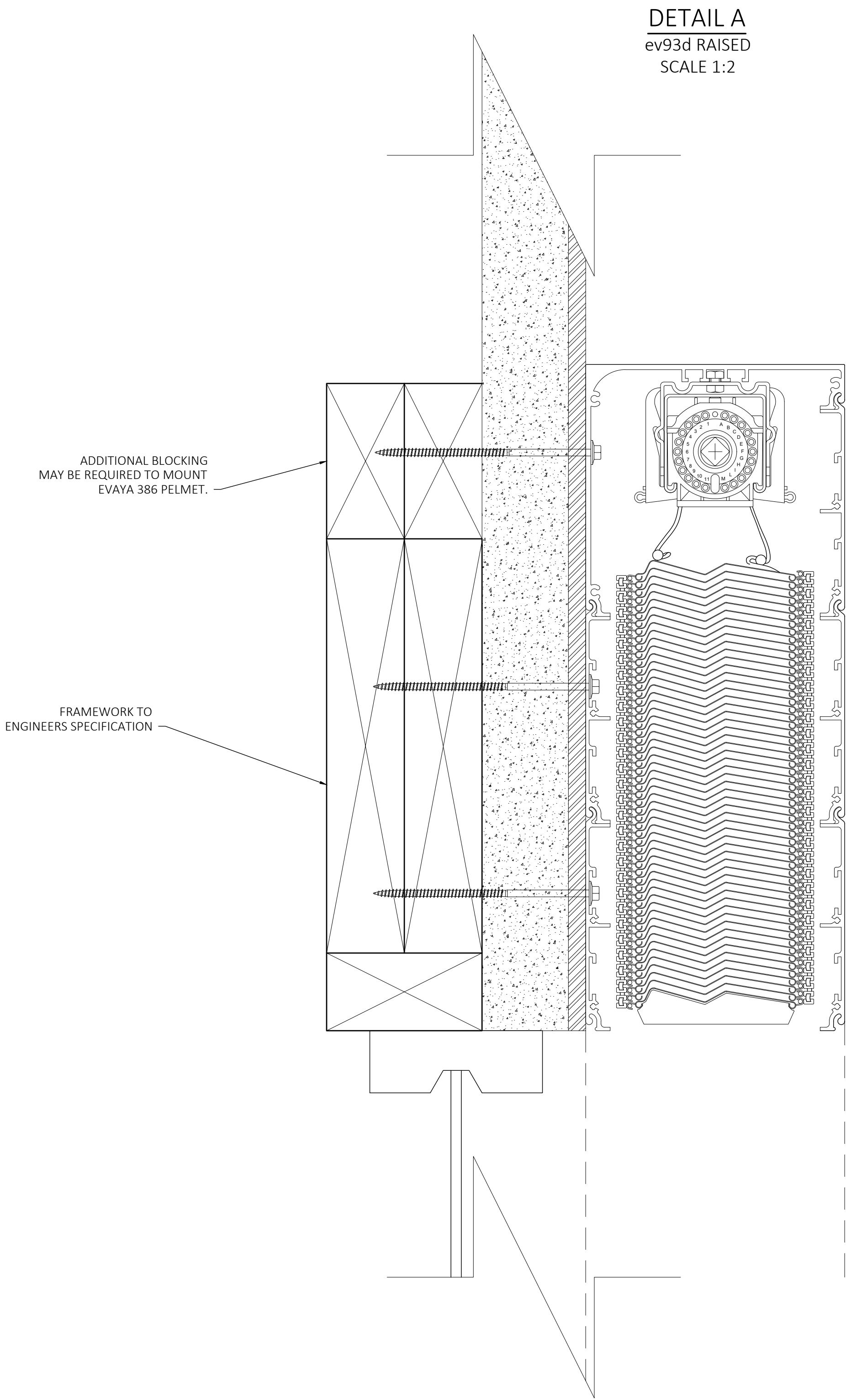
PELMET PROFILE
SCALE 1:1



TYPE B 386 PELMET
SYSTEM - ev93d PELMET

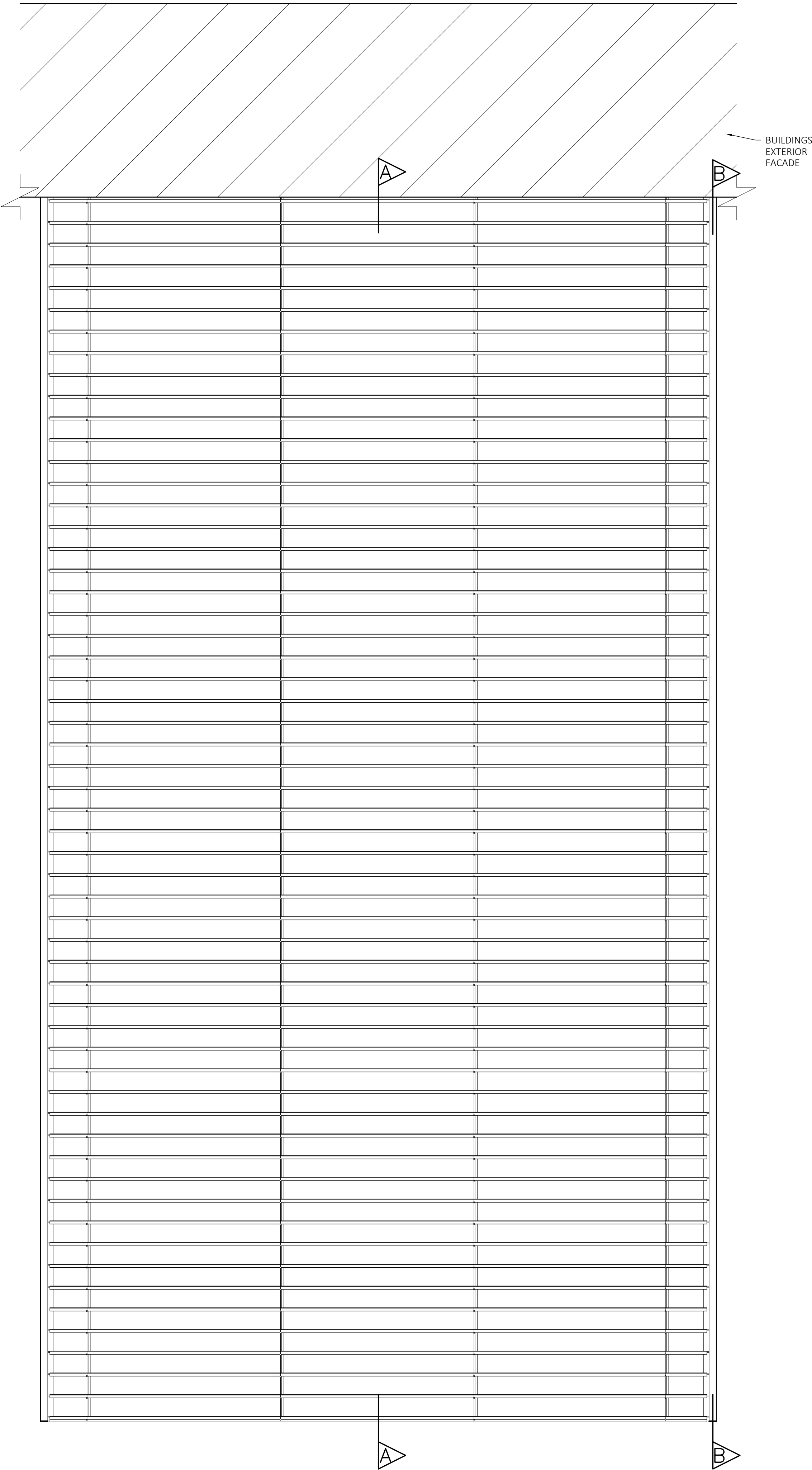
NOTES

- PELEMT DRAWN IS A TYPE B 386 PELMET WITH TYPE C CHANNELS, WINDOW IS 4200mm HIGH x 2400mm WIDE
- THE TYPE B 386 PELMET IS DESIGNED TO CONCEAL THE STACK HEIGHT OF THE ev93d'S FOR WINDOWS UP TO 4200mm IN HEIGHT
- COMPATIBLE WITH ALL EVAYA CHANNEL TYPES, REFER TO DRAWING ev93d-02 FOR FURTHER DETAIL
- TOP AND BACK FIXING POSSIBLE FOR FACE FIT AND RECESS APPLICATIONS, REFER TO DRAWING ev93d-05-01 FOR FURTHER DETAIL
- DASHED AREA INDICATES RANGE OF MOTION OF THE ev93d. THIS MUST REMAIN UNOBSTRUCTED
- OBSTACLES WHICH MAY CAUSE POSSIBLE INTERFERENCE INCLUDE:
 - OUTWARD OPENING AWNING WINDOWS
 - DOOR AND WINDOW HARDWARE
 - STORMBARS
 - ETC

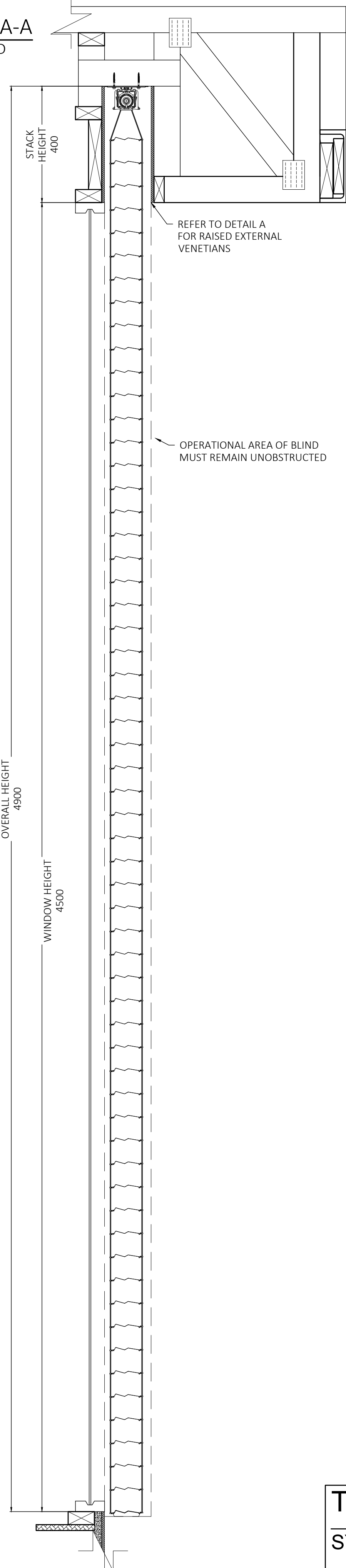


TYPE B 386 PELMET
SYSTEM - ev93d PELMET

FRONT ELEVATION
TYPE C MOUNTING PLATE
WITH TYPE C CHANNEL



SECTION A-A
LOWERED



TYPE C MOUNTING PLATE
SYSTEM - ev93d PELMET

SECTION B-B

TOP PLATE TO
BE FIXED TO SOLID
CONSTRUCTION

STACK
HEIGHT

BUILDER TO LINE
CAVITY, MINIMUM DISTANCE
BETWEEN FINISHED SURFACES
NOT TO BE LESS THAN 160mm

CHANNEL FIXED INTO
FRAMEWORK

OVERALL HEIGHT

WINDOW HEIGHT

DETAIL A

BLINDS RAISED

SCALE 1:5

TOP PLATE TO
BE FIXED TO SOLID
CONSTRUCTION

FRAMEWORK TO
ENGINEERS DETAIL

160 MINIMUM

BUILDER TO LINE CAVITY

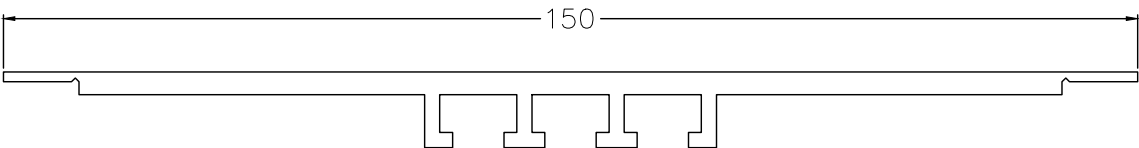
TABLE 1

CALCULATION OF OVERALL HEIGHT IN
ev93d TYPE C INSTALL

WINDOW HEIGHT (mm)	CAVITY HEIGHT (mm)	OVERALL HEIGHT (mm)
900	190	1090
1050	195	1245
1200	205	1405
1350	210	1560
1500	215	1715
1650	225	1875
1800	235	2035
1950	240	2190
2100	250	2350
2250	260	2510
2400	270	2670
2550	275	2825
2700	285	3985
2850	295	3145
3000	305	3305
3150	315	3465
3300	325	3625
3450	335	3785
3600	340	3940
3750	350	4100
3900	360	4260
4050	370	4420
4200	380	4580
4350	390	4740
4500	400	4900

TYPE C MOUNTING PLATE PROFILE

SCALE 1:1



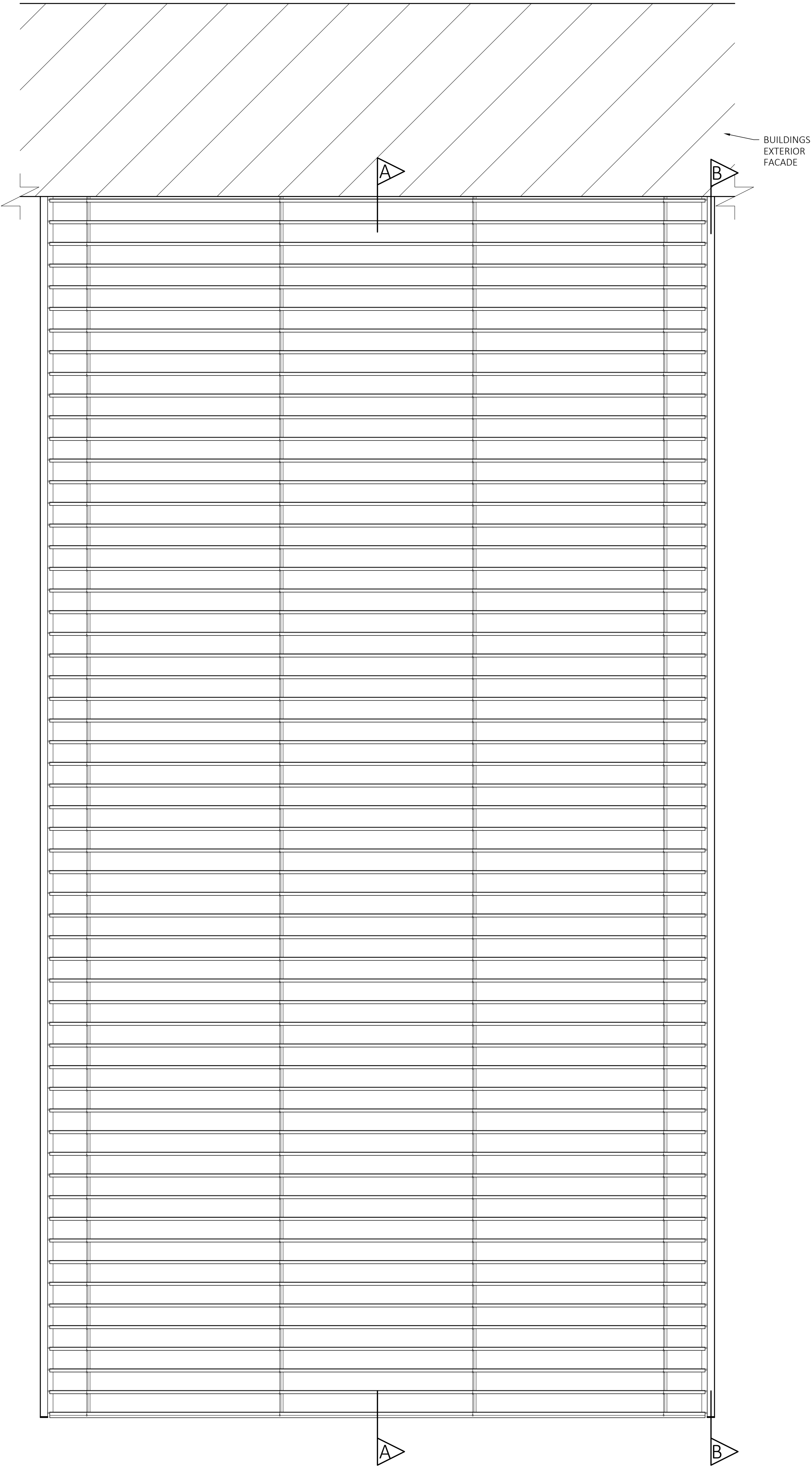
NOTES

- PELEMT DRAWN IS A TYPE C MOUNTING PLATE WITH TYPE C CHANNELS, WINDOW IS 4500mm HIGH x 2400mm WIDE
- THE TYPE C MOUNTING PLATE IS DESIGNED TO CONCEAL THE STACK HEIGHT OF THE ev93d'S FOR WINDOWS UP TO 4500mm IN HEIGHT
- COMPATIBLE WITH ALL EVAYA CHANNEL TYPES, REFER TO DRAWING ev93d-02 FOR FURTHER DETAIL
- TOP FIXINGS AVAILABLE FOR RECESS APPLICATIONS
- DASHED OPERATION OF BLIND MUST REMAIN UNOBSTRUCTED
- OBSTACLES WHICH MAY CAUSE POSSIBLE INTERFERENCE INCLUDE:
 - OUTWARD OPENING AWNING WINDOWS
 - DOOR AND WINDOW HARDWARE
 - STORMBARS
 - ETC

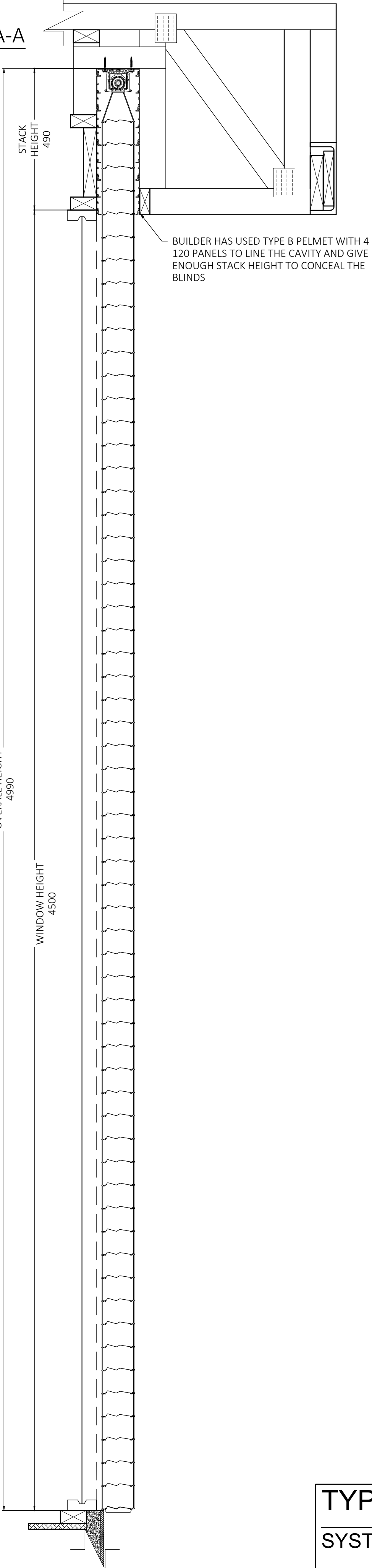
TYPE C MOUNTING PLATE
SYSTEM - ev93d PELMET

SCALE 1:10 @ A1	DRAWING NO. ev93dSYSTEM-01-06.A	SHEET 24 of 60
BY SK	DATE APR'26	CLIENT
CHECKED PA	DATE APR'26	ADDRESS

FRONT ELEVATION
TYPE D MOUNTING PLATE
WITH TYPE C SIDE CHANNEL



SECTION A-A
LOWERED



TYPE D PELMET
SYSTEM - ev93d PELMET

SECTION B-B

TYPE D PELMET TOP
FIXED TO SOLID
CONSTRUCTION

STACK
HEIGHT

EVAYA FASCIA PANELS
USED TO LINE CAVITY

OVERALL HEIGHT

WINDOW HEIGHT

DETAIL A

BLINDS RAISED

SCALE 1:5

TYPE D PELMET
TOP FIXED INTO
SOLID
CONSTRUCTION

FRAMEWORK TO
ENGINEERS DETAIL

THE TYPE D PELMET IS DESIGNED
TO CONCEAL THE STACK HEIGHT
OF THE
ev93d'S FOR WINDOWS UP TO
4500mm

EVAYA FASCIA PANELS USED TO LINE CAVITY.

TABLE 1

CALCULATION OF OVERALL HEIGHT IN

ev93d TYPE D PELMET INSTALL

WINDOW HEIGHT (mm)	CAVITY HEIGHT (mm)	OVERALL HEIGHT (mm)
900	190	1090
1050	195	1245
1200	205	1405
1350	210	1560
1500	215	1715
1650	225	1875
1800	235	2035
1950	240	2190
2100	250	2350
2250	260	2510
2400	270	2670
2550	275	2825
2700	285	3985
2850	295	3145
3000	305	3305
3150	315	3465
3300	325	3625
3450	335	3785
3600	340	3940
3750	350	4100
3900	360	4260
4050	370	4420
4200	380	4580
4350	390	4740
4500	400	4900

TYPE D PELMET PROFILE

SCALE 1:1

EVAYA PANELS CAN BE
POSITIONED ON THE FRONT
OR BACK OF THE TYPE D
MOUNTING PLATE

ALL EVAYA PANEL
TYPES ARE
COMPATIBLE WITH
TYPE D MOUNTING
PLATE

NOTES

- TYPE D PELMET - DESIGNED TO CONCEAL THE STACK HEIGHT OF THE ev93d'S FOR WINDOWS UP TO 4500mm HIGH
- PELMET TYPE D MOUNTING PLATE IS DESIGNED TO BE COMPATIBLE WITH ALL EVAYA PANEL TYPES. THIS ALLOWS BUILDERS AND ARCHITECTS TO USE EVAYAS PANELS TO LINE A CAVITY
- ARCHITECT TO REFERENCE NOMINAL WINDOW HEIGHTS PROVIDED TO SELECT MINIMUM CAVITY HEIGHTS NEEDED TO ENSURE CONCEALMENT OF EV80 BLINDS
- DASHED OPERATING AREA OF BLIND MUST REMAIN UNOBSTRUCTED
- INTERFERENCE MUST BE TAKEN INTO CONSIDERATION AND AVOIDED
- FIXINGS TO BE 14G BATTEN SCREWS OR SIMILAR
- FIXING SPACING TO BE SUITABLE TO BLIND SIZE, 600mm OR SIMILAR

TYPE D PELMET

SYSTEM - ev93d PELMET

The image shows a technical drawing of a rectangular grid, likely representing a floor plan or a structural layout. The grid is composed of 10 columns and 20 rows of squares. The overall dimensions are indicated by arrows and labels: the width is 10 units, and the height is 20 units. The grid is bounded by a thick black line on the left and right sides. At the top and bottom edges, there are section markers labeled 'A' and 'B'. Marker 'A' is located at the center of the top and bottom edges, while marker 'B' is located at the right edge. The top and bottom edges are also labeled with 'A' and 'B' respectively. The grid is filled with a light gray color, and the lines are black.

- EVAYA TYPE C
SIDE CHANNELS

A-A

D

OVERALL HEIGHT 4990

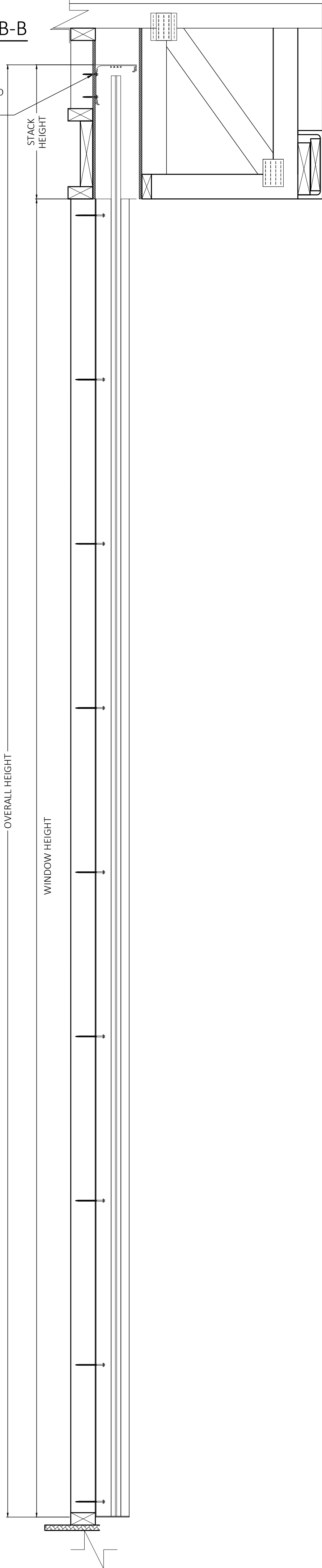
WINDOW HEIGHT 4500

STACK HEIGHT 490

SCALE 1:10 @ A1	DRAWING NO. ev93dSYSTEM-01-08.A	SHEET 27 of 60
BY SK	DATE JUN '26	CLIENT
CHECKED DW	DATE JUN '26	ADDRESS

SECTION B-B

TYPE B PELMET BACK FIXED WHEN NO TOP FIXING IS AVAILABLE



DETAIL A

BLINDS RAISED

SCALE 1:5

TYPE B PELMET TOP FIXED INTO SOLID CONSTRUCTION

FRAMEWORK TO ENGINEERS DETAIL

THE TYPE B PELMET IS DESIGNED TO CONCEAL THE STACK HEIGHT OF THE ev93d'S FOR WINDOWS UP TO 4500mm IN HEIGHT. IT IS DESIGNED TO BE USED IN A CAVITY WHEN NO TOP FIXINGS ARE AVAILABLE

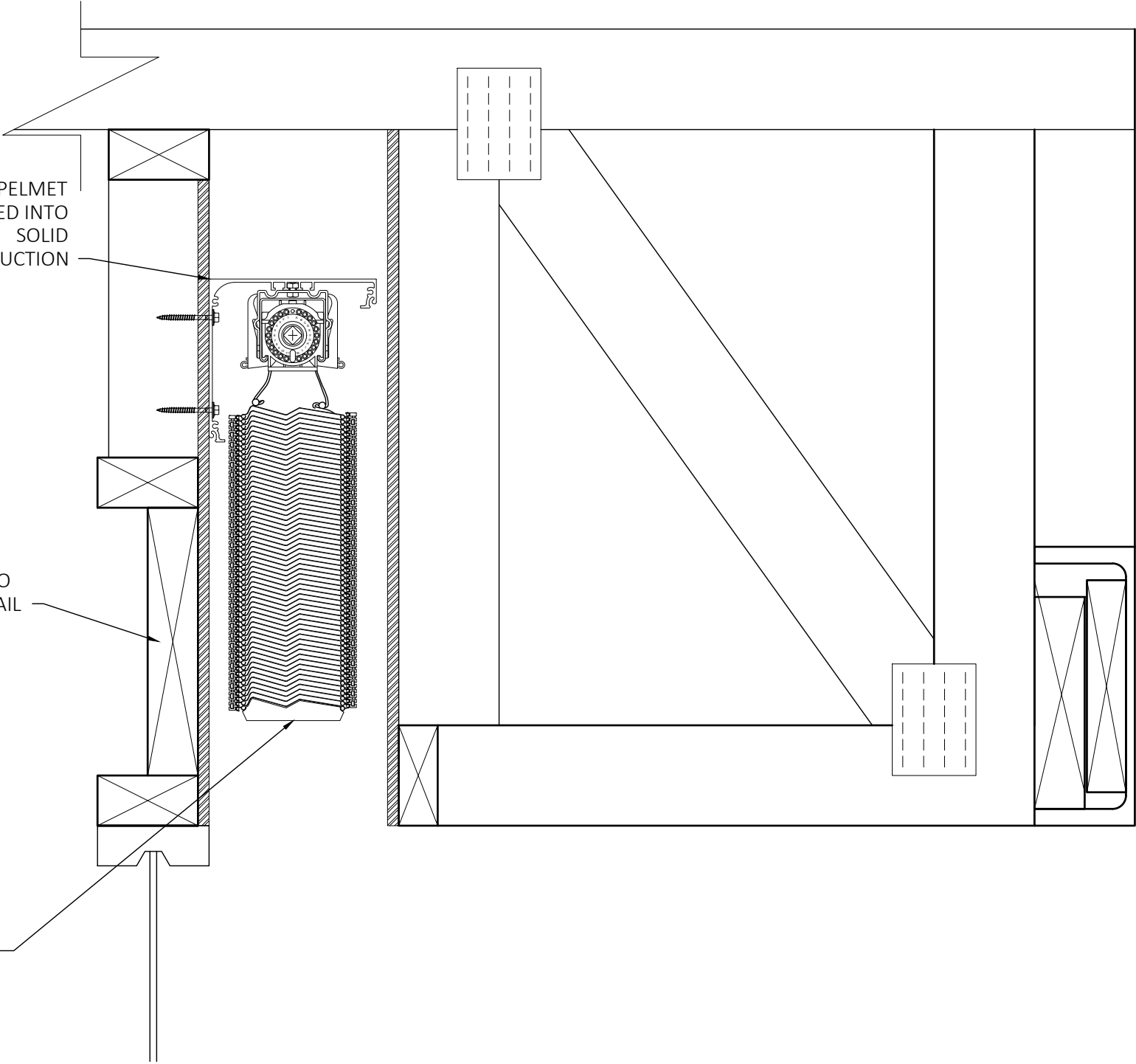


TABLE 1

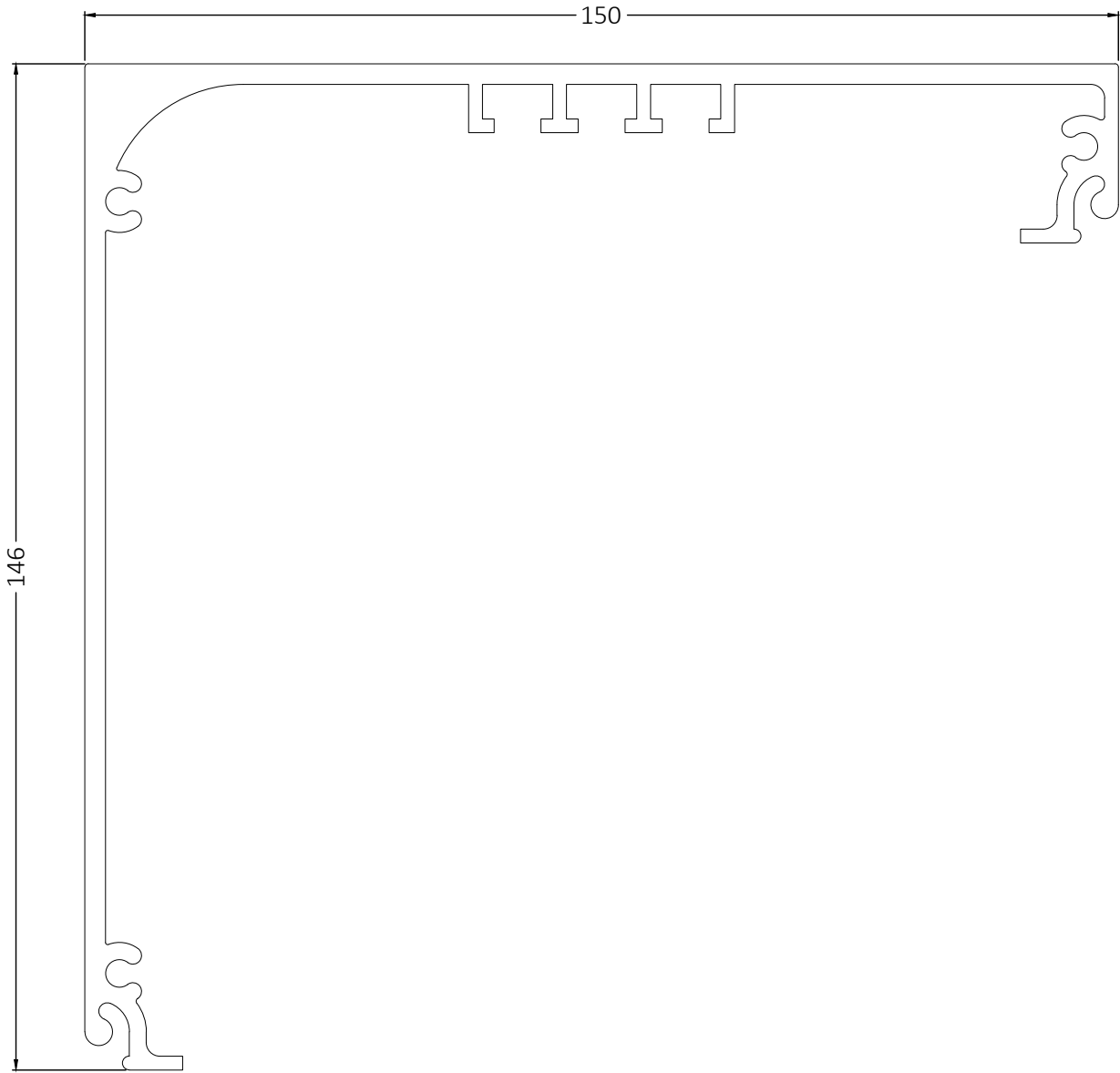
CALCULATION OF OVERALL HEIGHT IN

ev93d TYPE B PELMET INSTALL

WINDOW HEIGHT (mm)	CAVITY HEIGHT (mm)	OVERALL HEIGHT (mm)
900	190	1090
1050	195	1245
1200	205	1405
1350	210	1560
1500	215	1715
1650	225	1875
1800	235	2035
1950	240	2190
2100	250	2350
2250	260	2510
2400	270	2670
2550	275	2825
2700	285	3985
2850	295	3145
3000	305	3305
3150	315	3465
3300	325	3625
3450	335	3785
3600	340	3940
3750	350	4100
3900	360	4260
4050	370	4420
4200	380	4580
4350	390	4740
4500	400	4900

TYPE B PELMET PROFILE

SCALE 1:1



NOTES

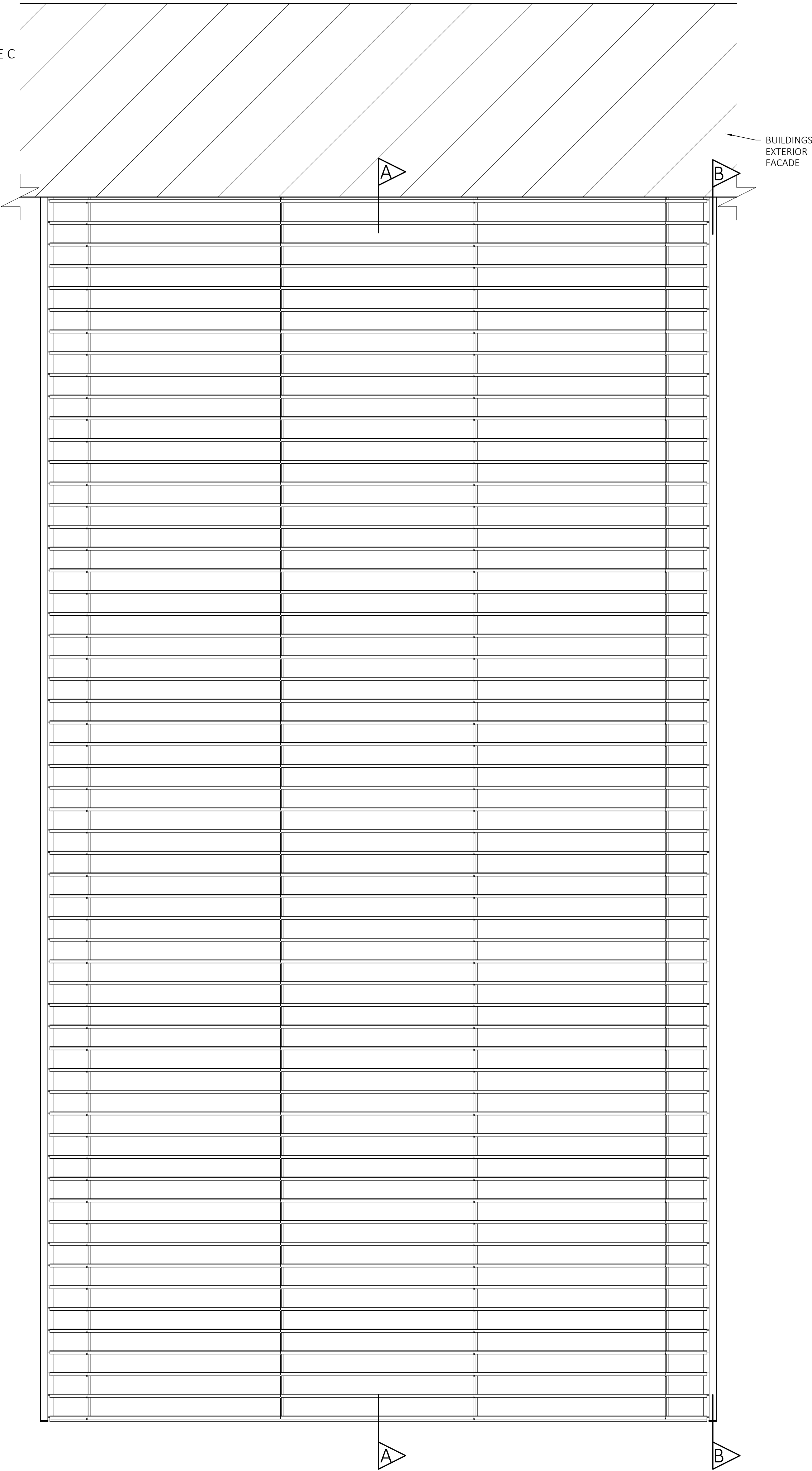
- TYPE B PELMET - DESIGNED TO CONCEAL THE STACK HEIGHT OF THE ev93d'S FOR WINDOWS UP TO 4500mm HIGH
- PELMET TYPE B CAN BE USED WHEN A CUSTOM FOLDED PELMET IS SELECTED
- ARCHITECT TO REFERENCE NOMINAL WINDOW HEIGHTS PROVIDED TO SELECT MINIMUM CAVITY HEIGHTS NEEDED TO ENSURE CONCEALMENT OF EV80 BLINDS
- DASHED OPERATING AREA OF BLIND MUST REMAIN UNOBSTRUCTED
- INTERFERENCE MUST BE TAKEN INTO CONSIDERATION AND AVOIDED
- FIXINGS TO BE 14G BATTEN SCREWS OR SIMILAR
- FIXING SPACING TO BE SUITABLE TO BLIND SIZE, 600mm OR SIMILAR

TYPE B PELMET

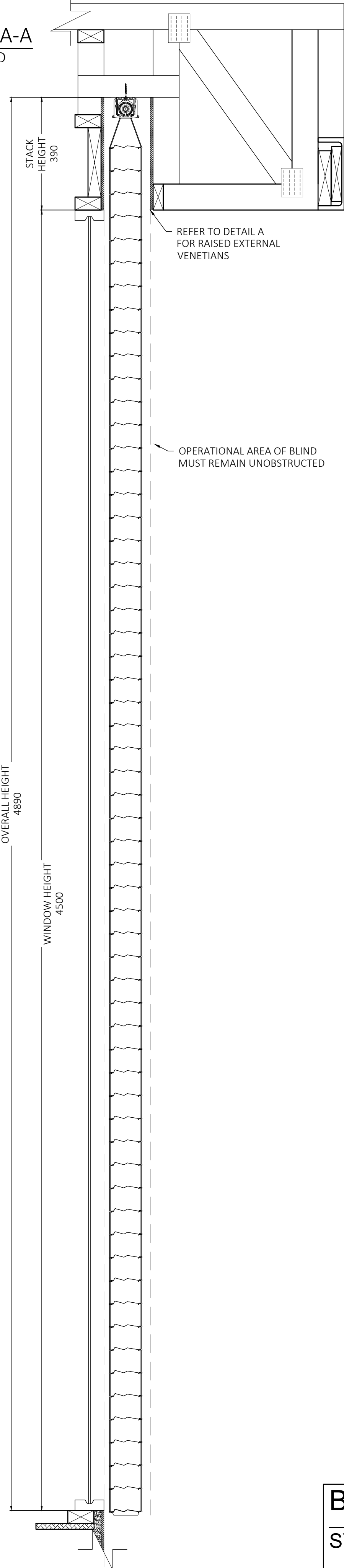
SYSTEM - ev93d PELMET

SCALE 1:10 @ A1	DRAWING NO. ev93dSYSTEM-01-08.A	SHEET 28 of 60
BY SK	DATE JUN '26	CLIENT
CHECKED DW	DATE JUN '26	ADDRESS

FRONT ELEVATION
BRACKETS ONLY WITH TYPE SIDE C
CHANNEL

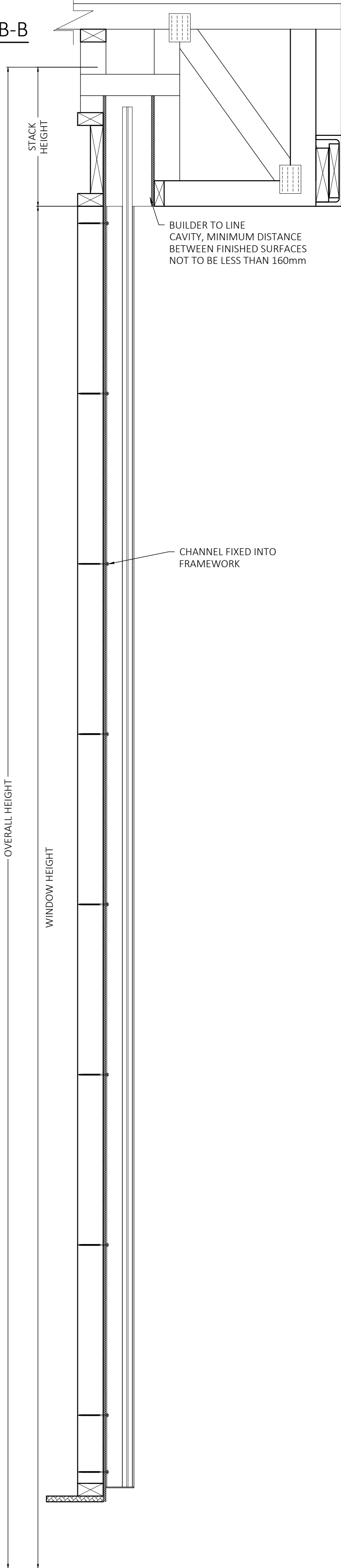


SECTION A-A
LOWERED



BRACKETS ONLY
SYSTEM - ev93d PELMET

SECTION B-B



DETAIL A
BLINDS RAISED
SCALE 1:5

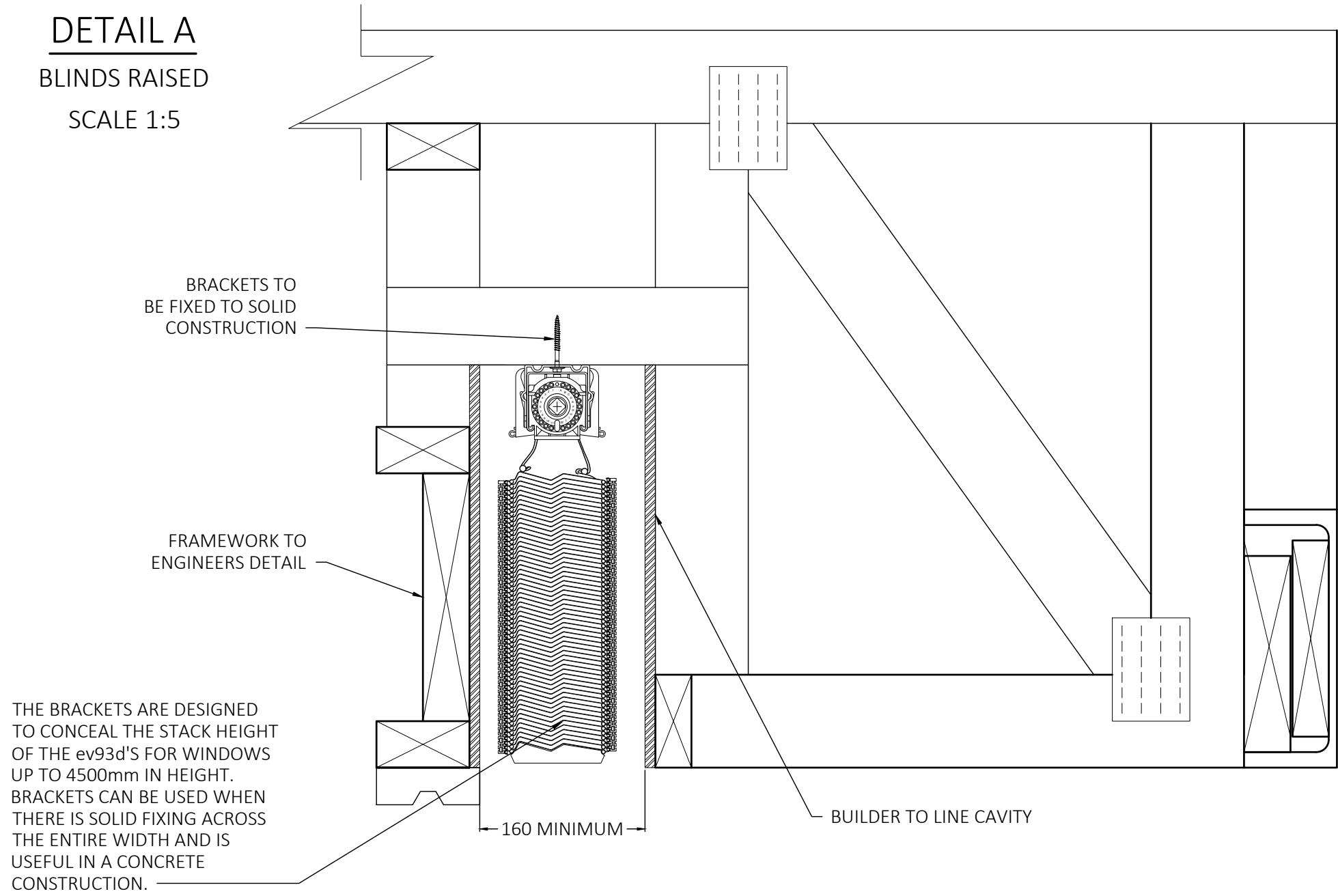
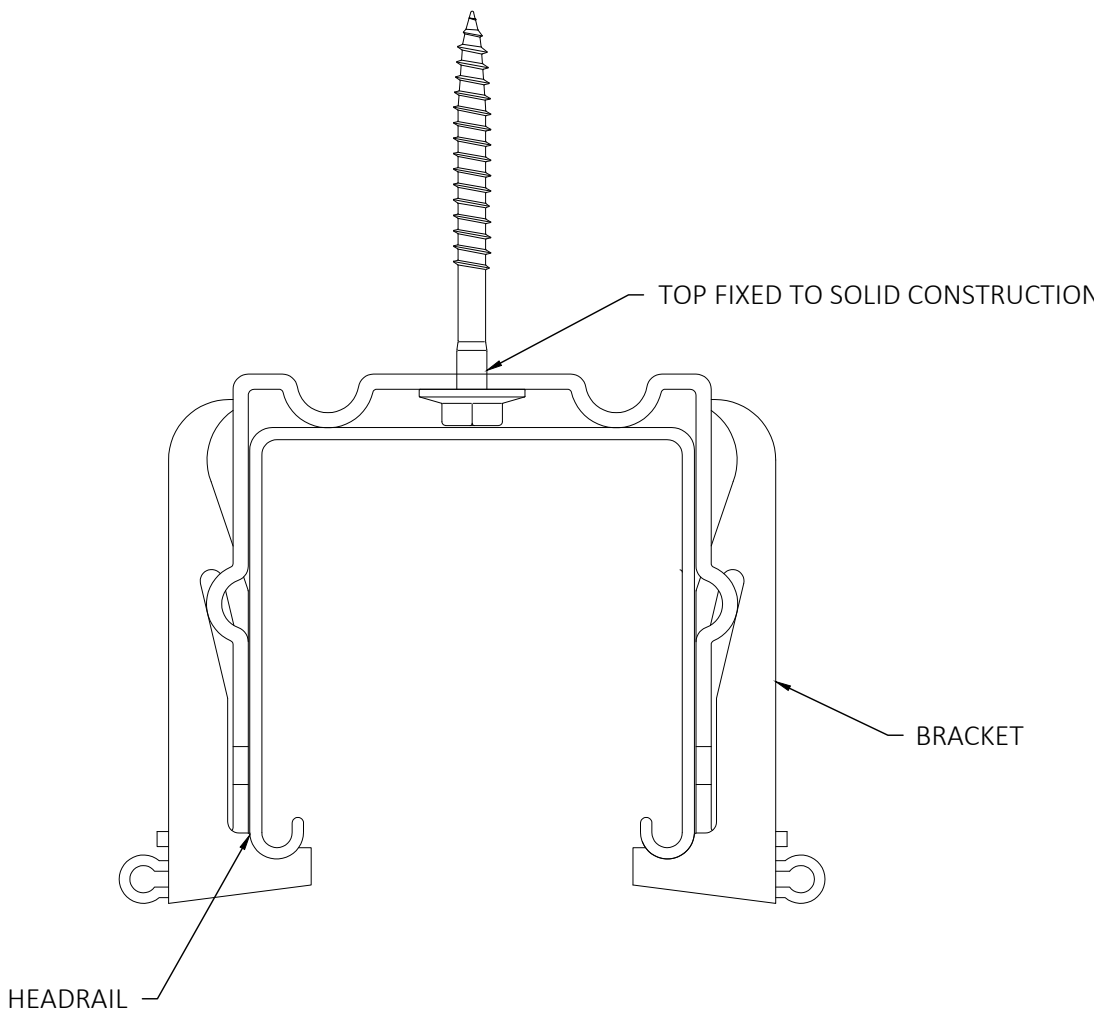


TABLE 1
CALCULATION OF OVERALL HEIGHT IN
ev93d BRACKETS ONLY INSTALL

WINDOW HEIGHT (mm)	CAVITY HEIGHT (mm)	OVERALL HEIGHT (mm)
900	190	1090
1050	195	1245
1200	205	1405
1350	210	1560
1500	215	1715
1650	225	1875
1800	235	2035
1950	240	2190
2100	250	2350
2250	260	2510
2400	270	2670
2550	275	2825
2700	285	3985
2850	295	3145
3000	305	3305
3150	315	3465
3300	325	3625
3450	335	3785
3600	340	3940
3750	350	4100
3900	360	4260
4050	370	4420
4200	380	4580
4350	390	4740
4500	400	4900

BRACKET PROFILE
SCALE 1:1

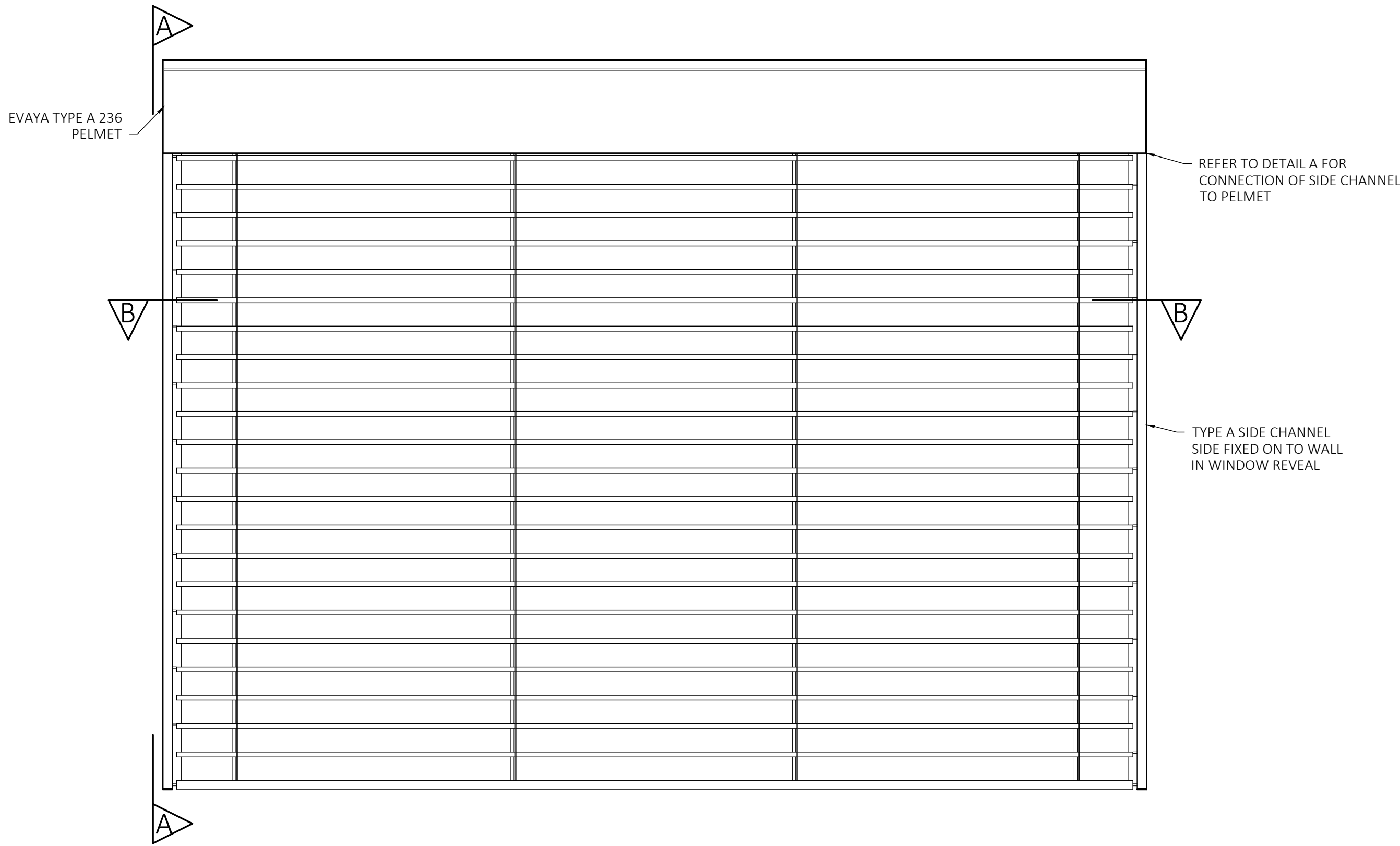


NOTES

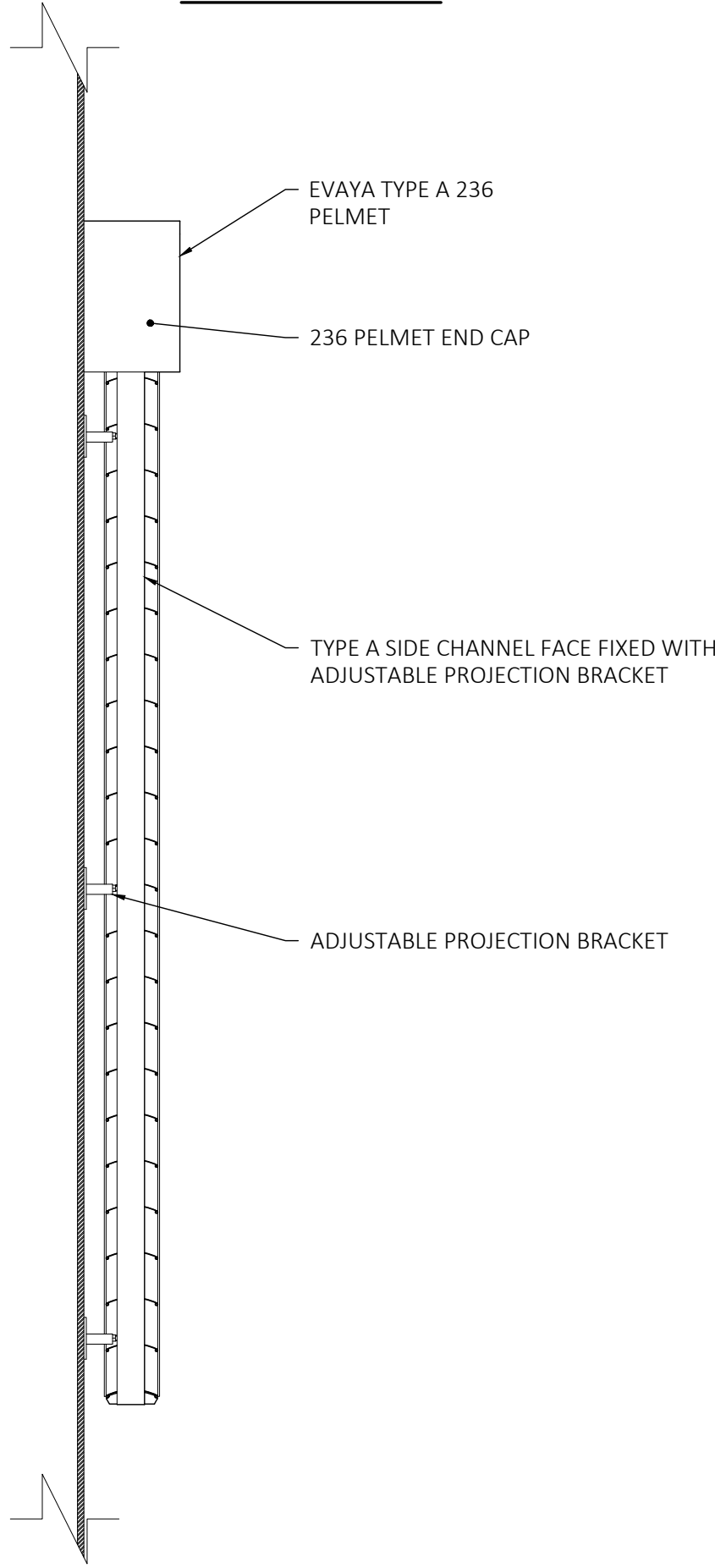
- BRACKETS ONLY - DESIGNED TO CONCEAL THE STACK HEIGHT OF THE ev93d'S FOR WINDOWS UP TO 4500mm HIGH WHEN A PELMET OR MOUNTING PLATE ISN'T REQUIRED.
- BRACKETS ONLY CAN BE USED IN A CONCRETE CAVITY CONSTRUCTION AND MINIMISES DRILLINGS
- ARCHITECT TO REFERENCE NOMINAL WINDOW HEIGHTS PROVIDED TO SELECT MINIMUM CAVITY HEIGHTS NEEDED TO ENSURE CONCEALMENT OF EV80 BLINDS
- DASHED OPERATING AREA OF BLIND MUST REMAIN UNOBSTRUCTED
- INTERFERENCE MUST BE TAKEN INTO CONSIDERATION AND AVOIDED
- FIXINGS TO BE 14G BATTEN SCREWS OR SIMILAR
- FIXING SPACING TO BE SUITABLE TO BLIND SIZE, 600mm OR SIMILAR

BRACKETS ONLY
SYSTEM - ev93d PELMET

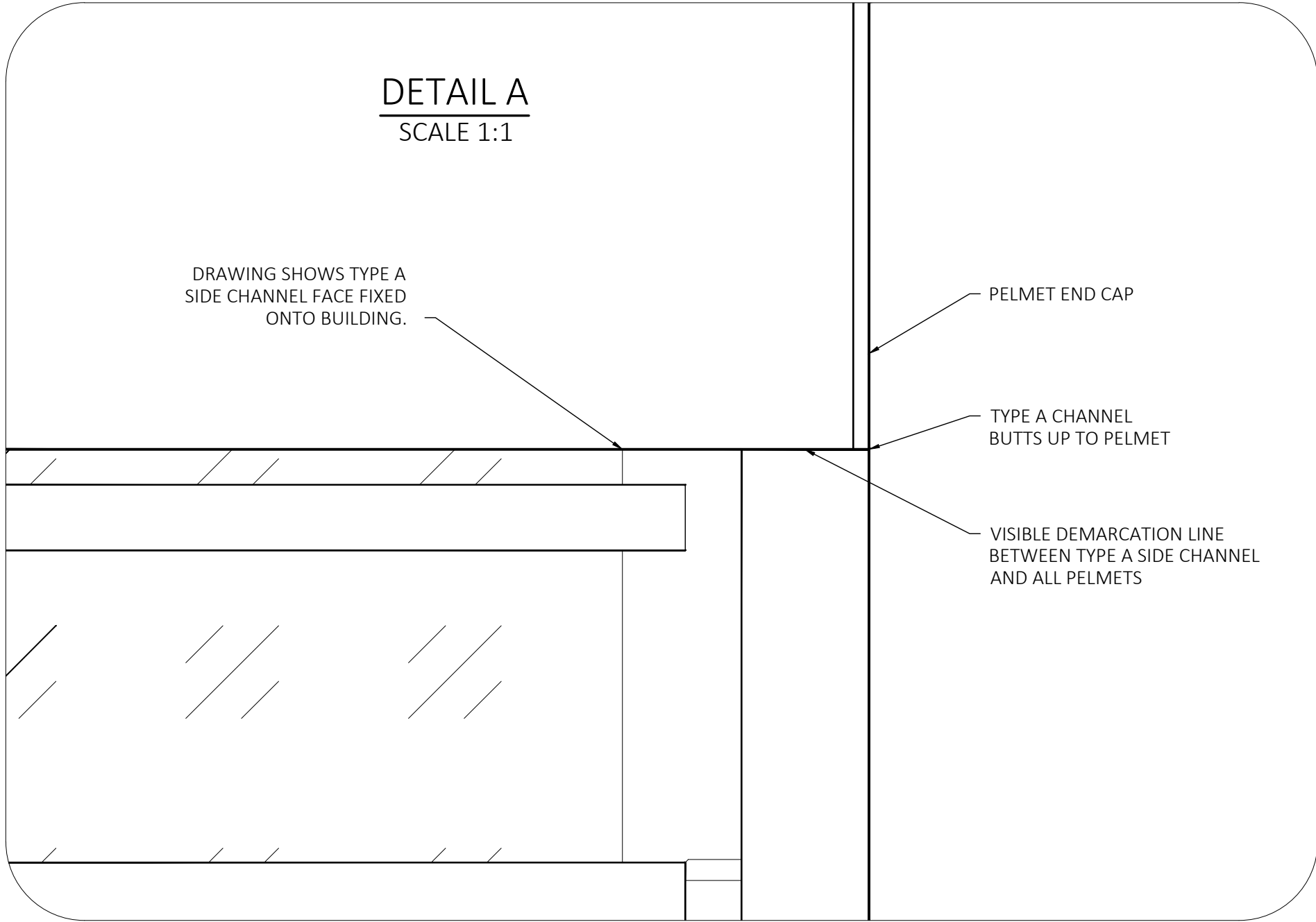
FRONT ELEVATION
TYPE A 236 PELMET WITH TYPE A SIDE CHANNELS
FACE FIXED ONTO BUILDING



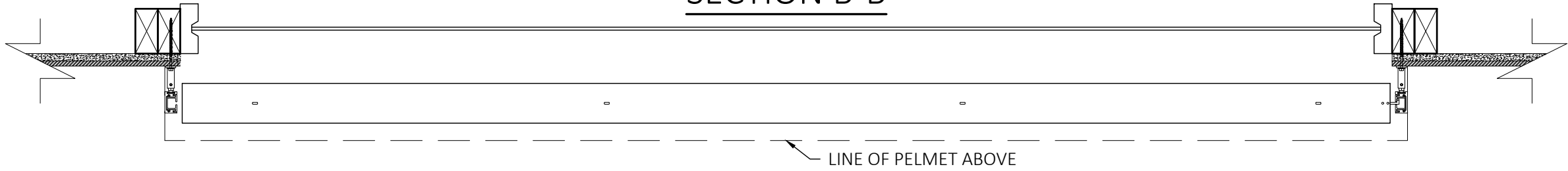
SECTION A-A



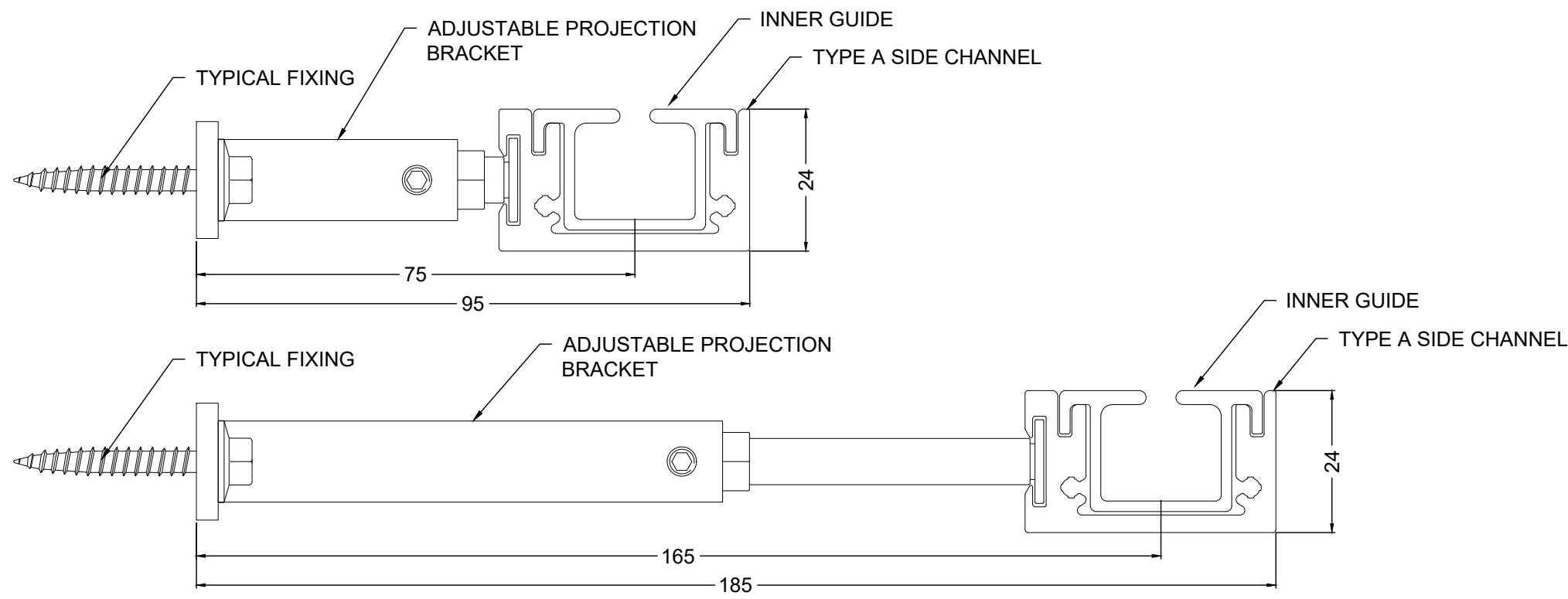
DETAIL A
SCALE 1:1



SECTION B-B



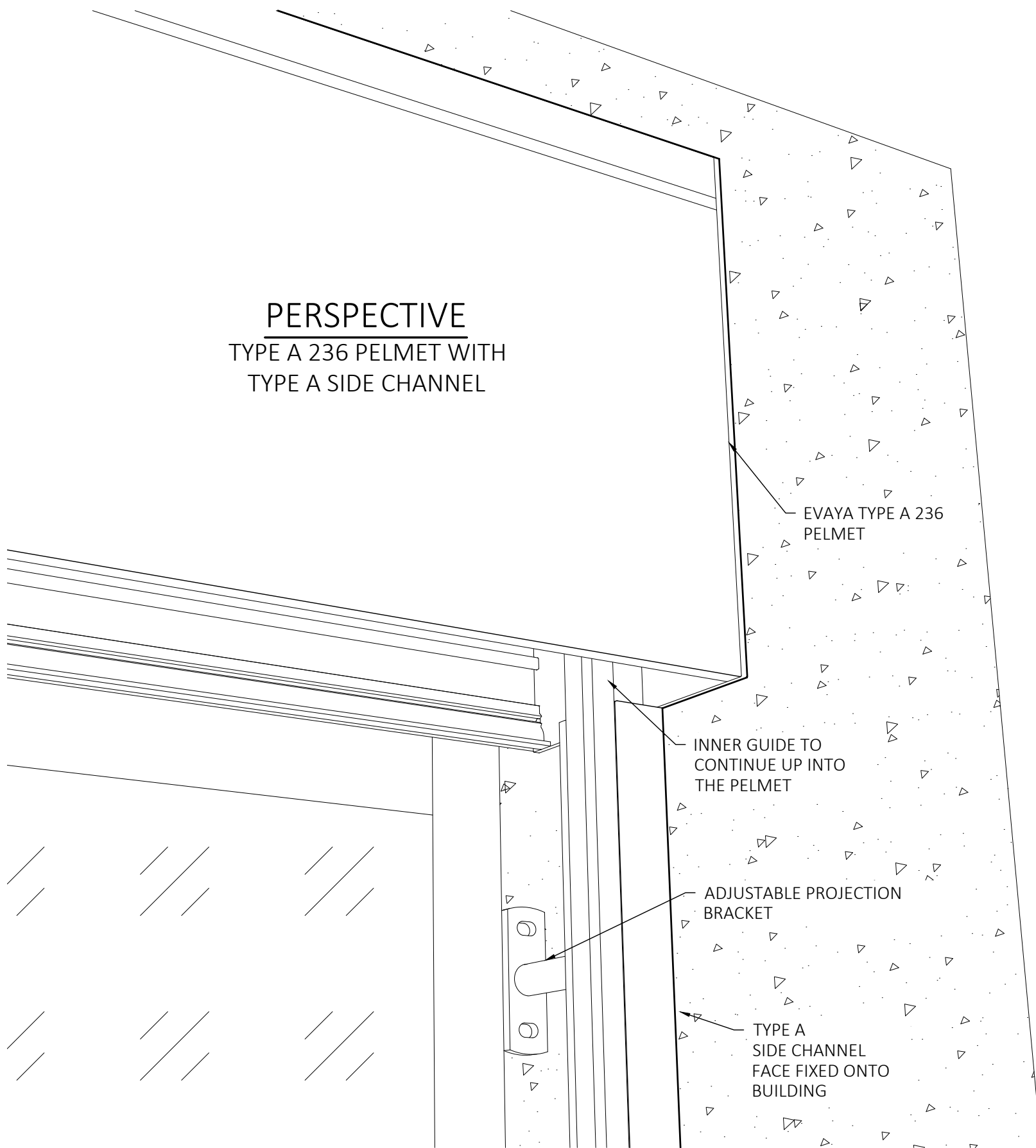
DIMENSIONED PROFILE
SCALE 1:1



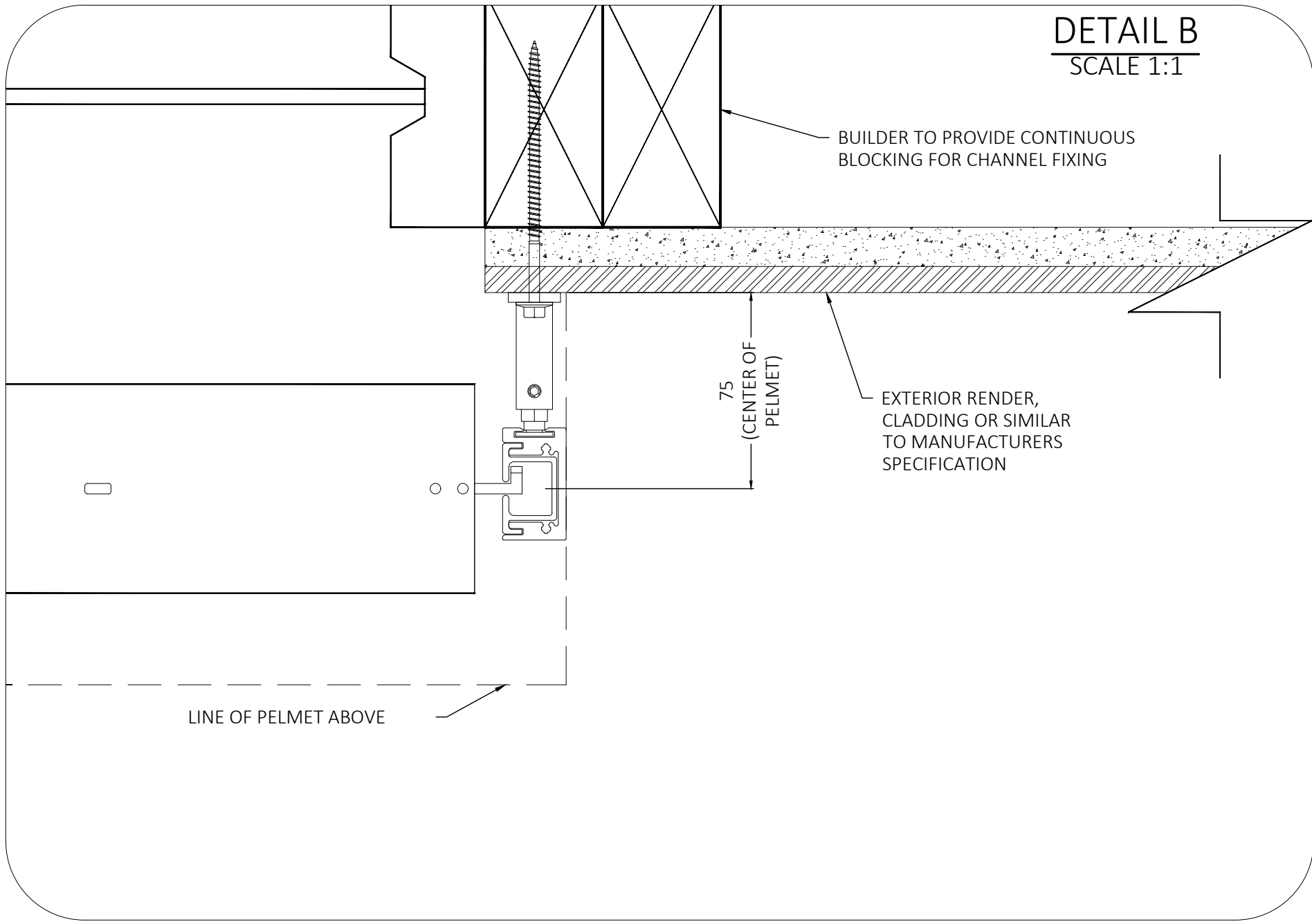
NOTES

- ADJUSTABLE PROJECTION OF 75mm TO 165mm WITH A 24mm WIDTH
- UTILISED IN FACE FIT APPLICATIONS
- CAN BE USED IN ev80 AND ev93d INSTALLATIONS

PERSPECTIVE
TYPE A 236 PELMET WITH
TYPE A SIDE CHANNEL

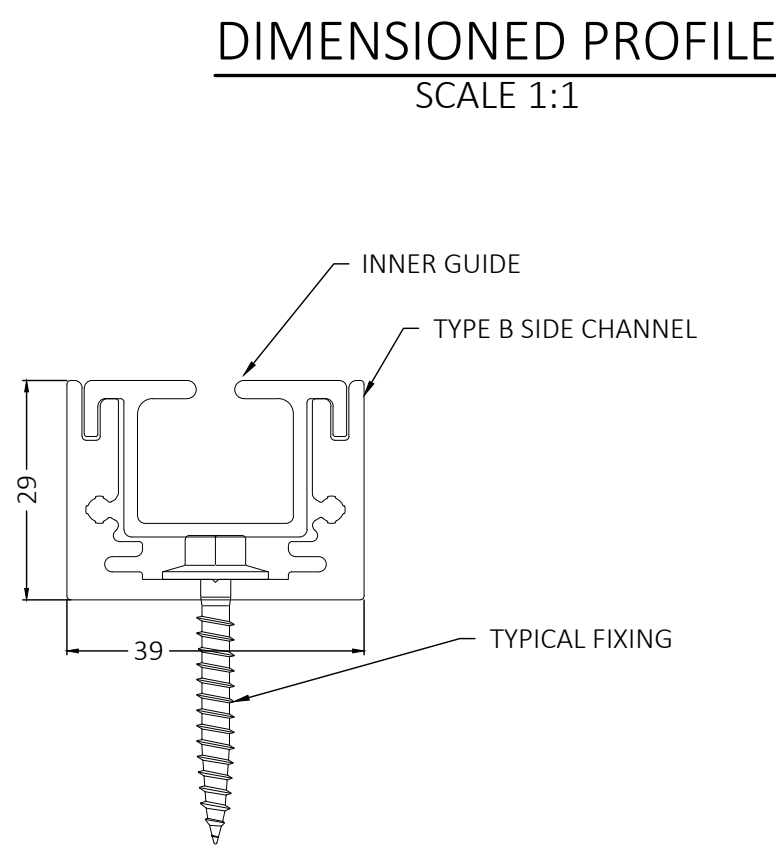
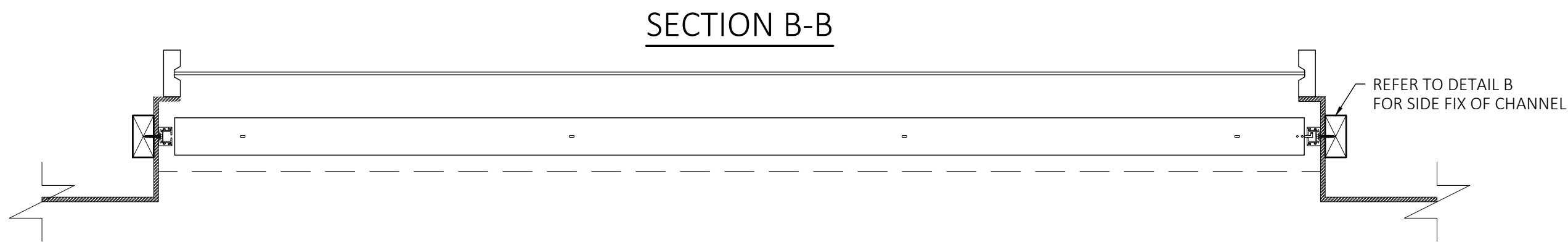
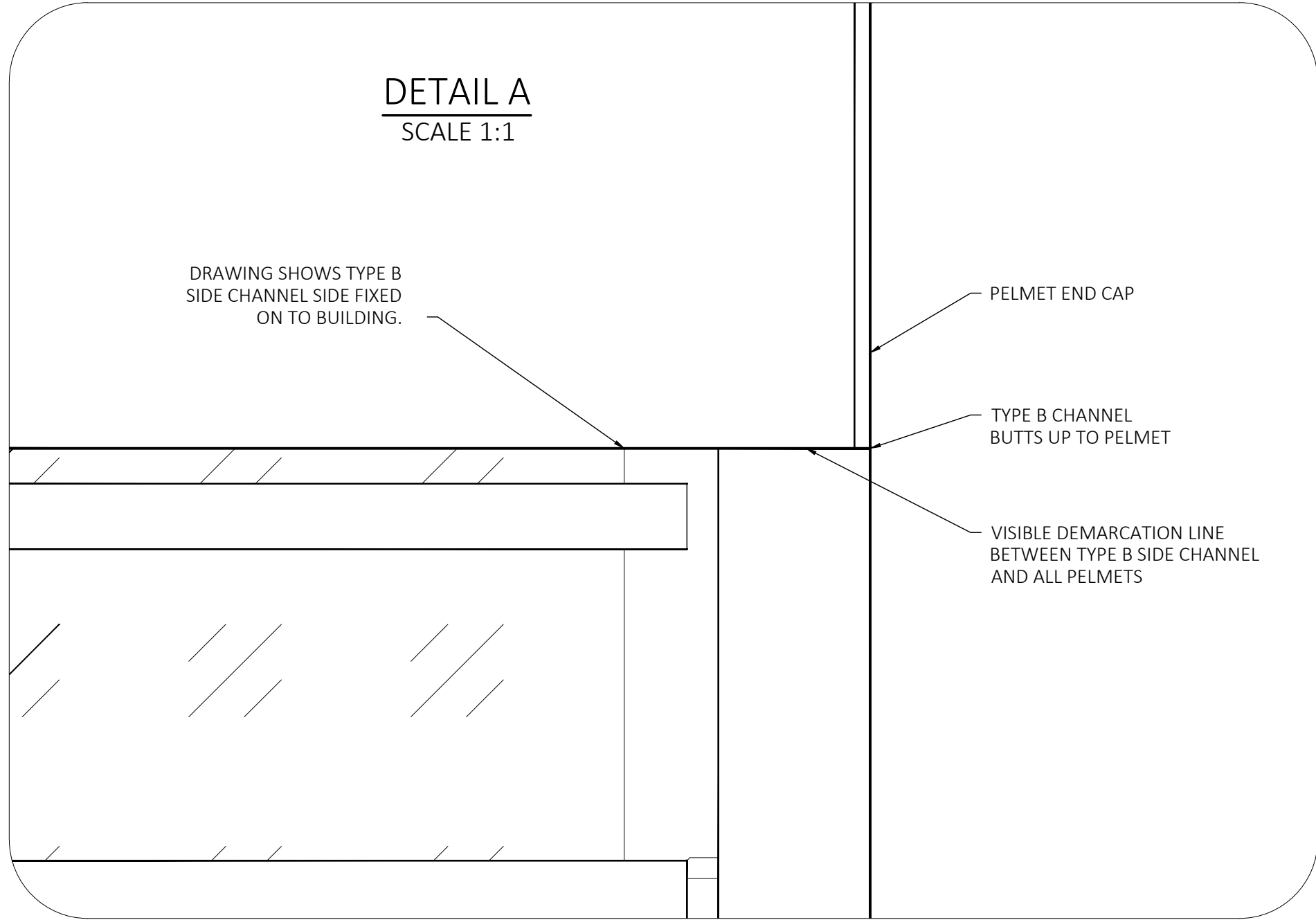
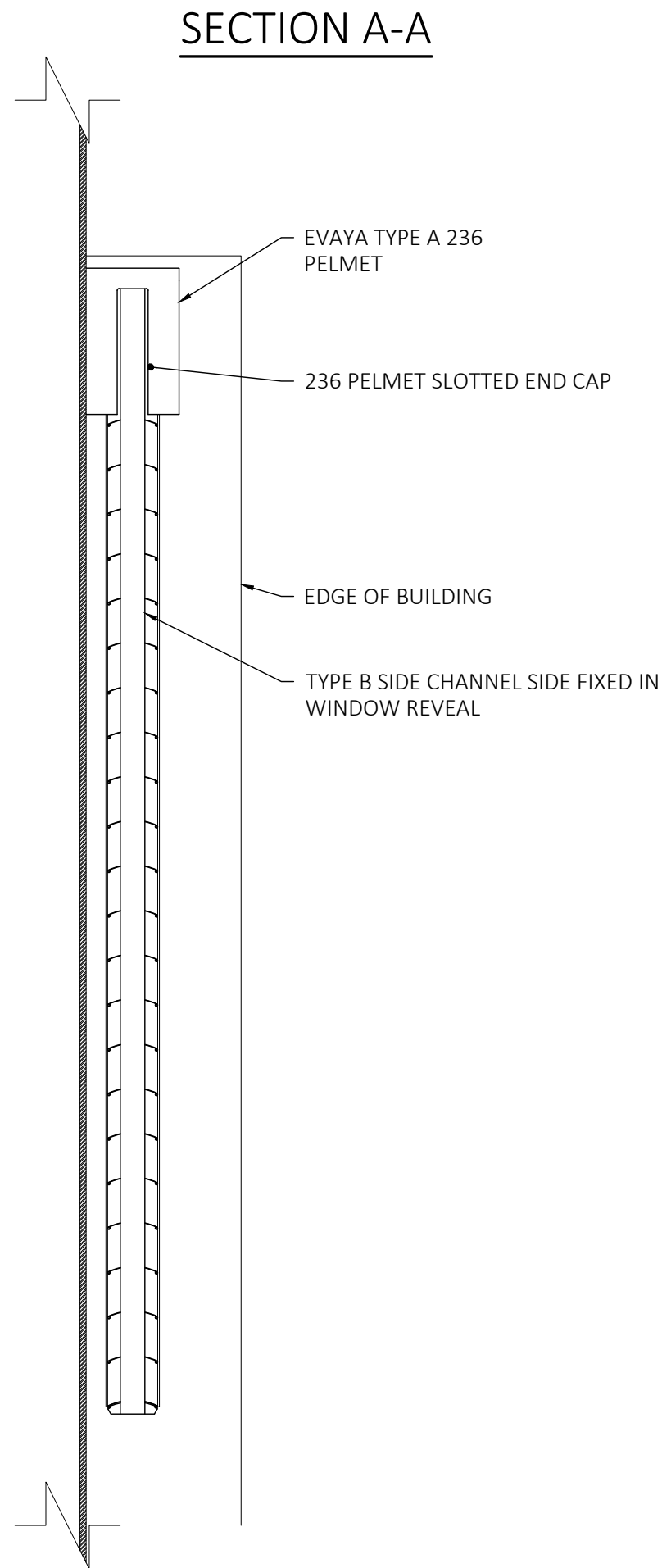
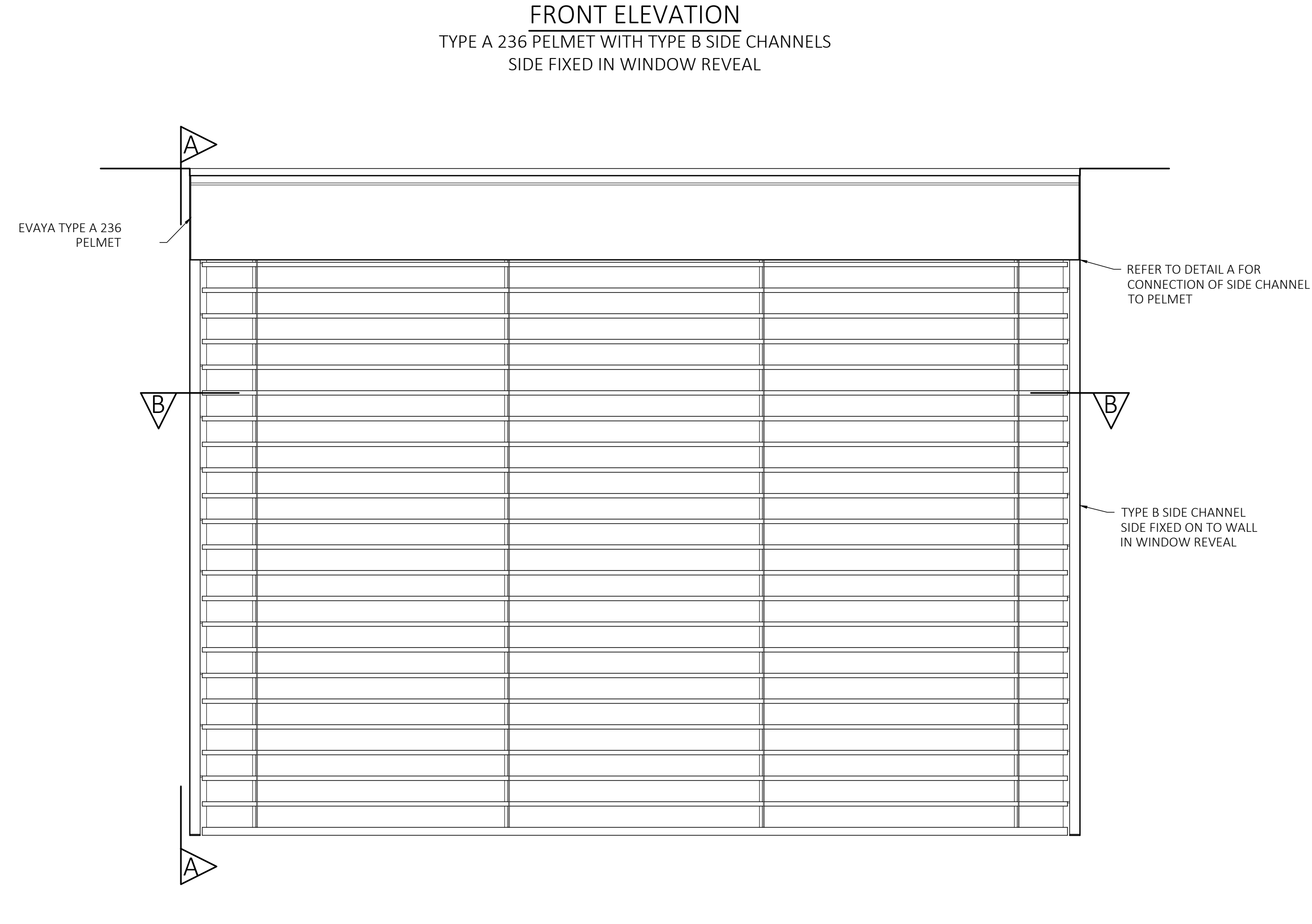


DETAIL B
SCALE 1:1



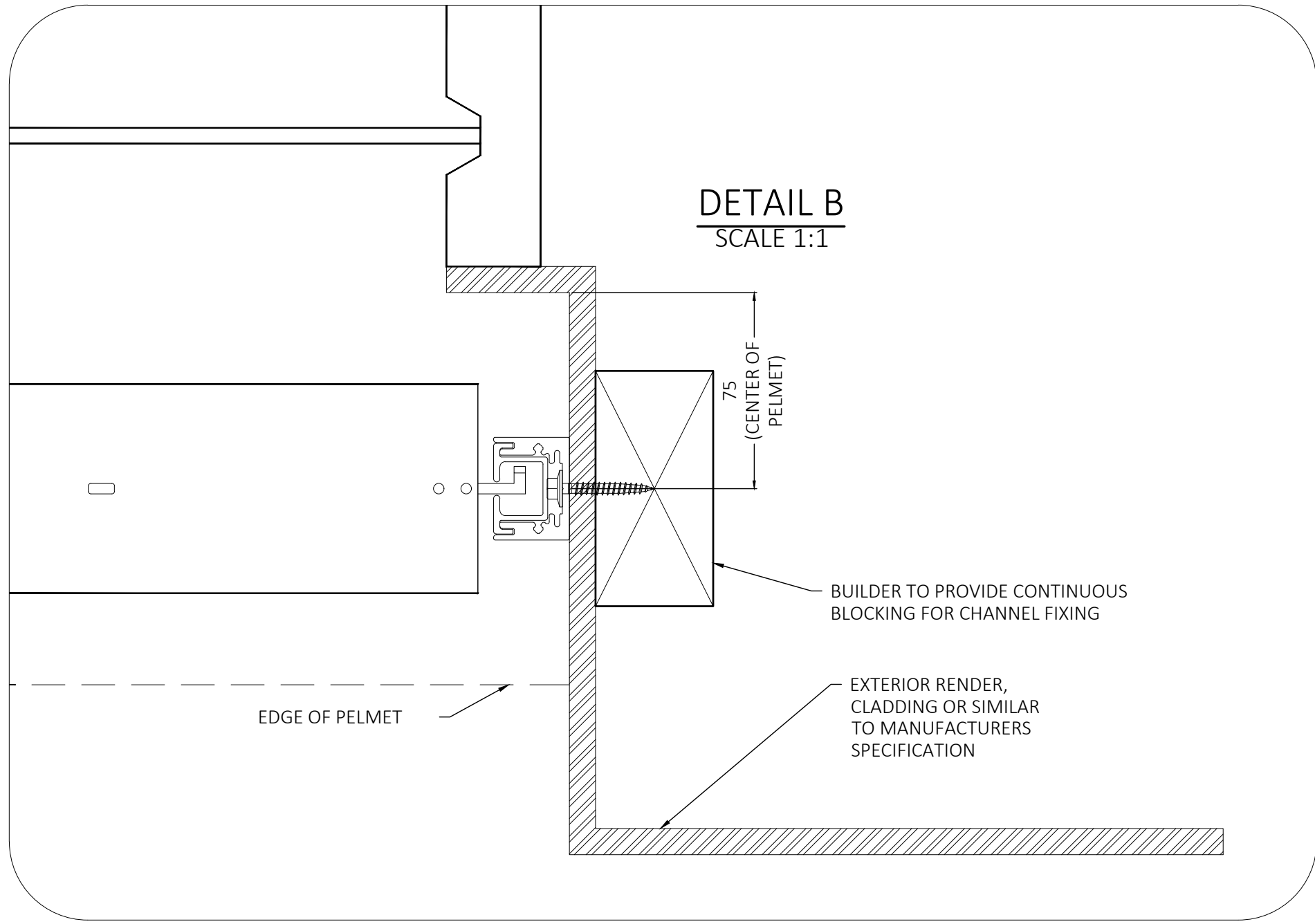
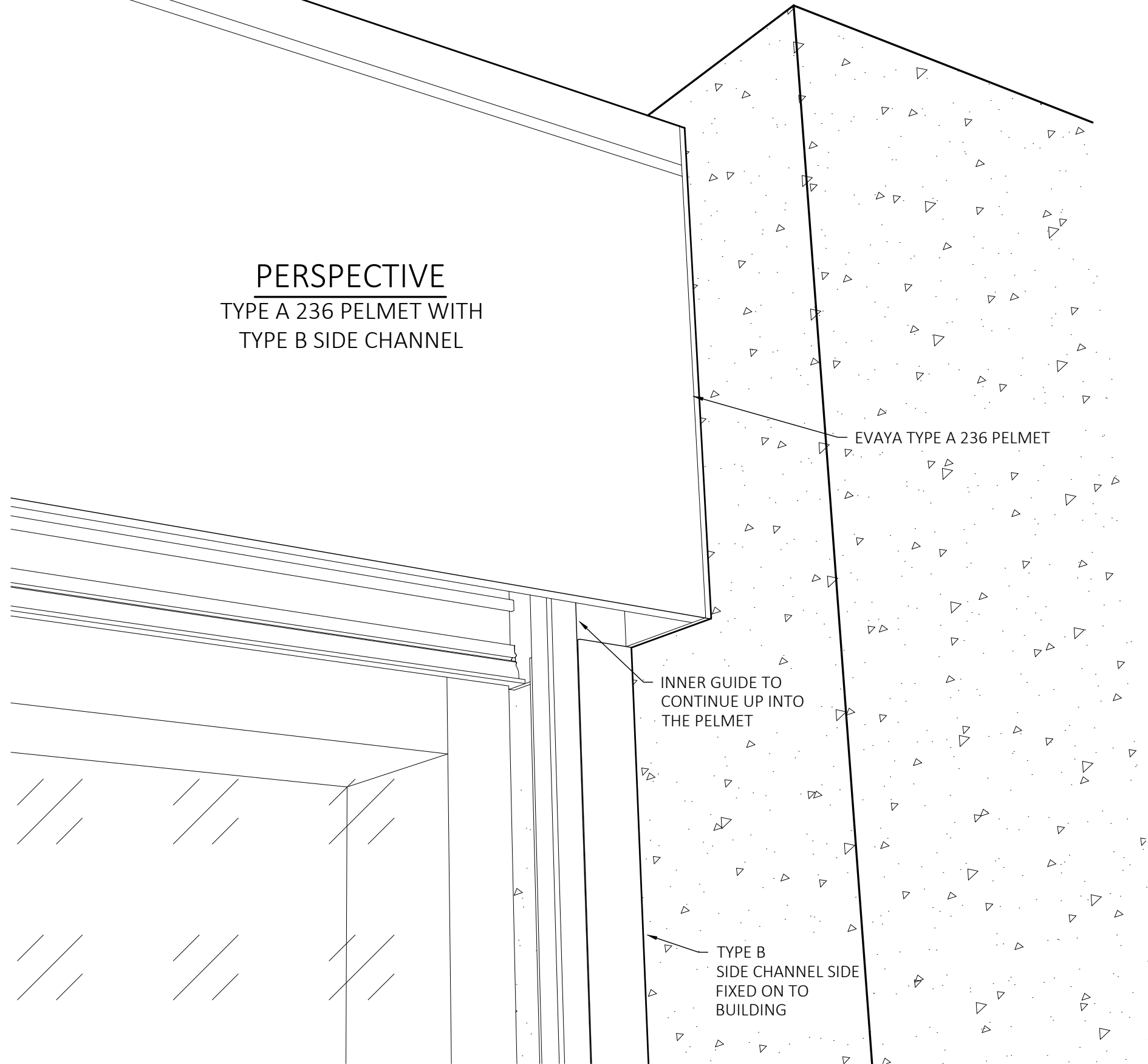
TYPE A SIDE CHANNEL
SYSTEM - GUIDE TYPE

SCALE 1:10 @ A1	DRAWING NO. evSYSTEM-02-01.B	SHEET 31 of 60
BY SK	DATE NOV'25	CLIENT
CHECKED PA	DATE NOV'25	ADDRESS



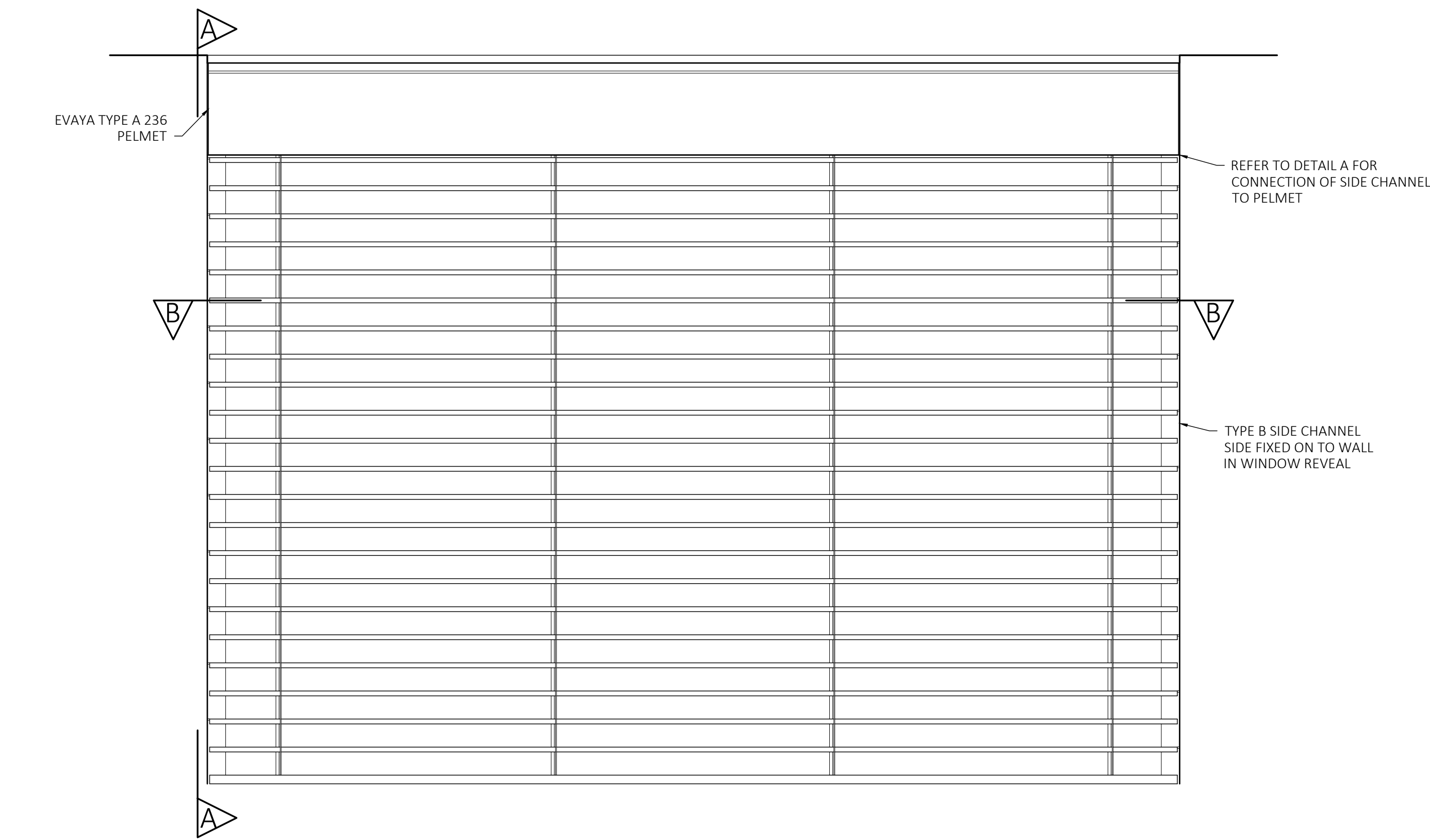
NOTES

- 29mm x 39mm
- ONLY TO BE UTILISED IN WINDOW REVEALS OR SHROUDS
- CAN BE USED IN SIDE FIX AND RECESSED APPLICATIONS
- NO VISIBLE FIXING OR ATTACHMENT POINT
- CAN BE USED IN ev80 AND ev93d INSTALLATIONS

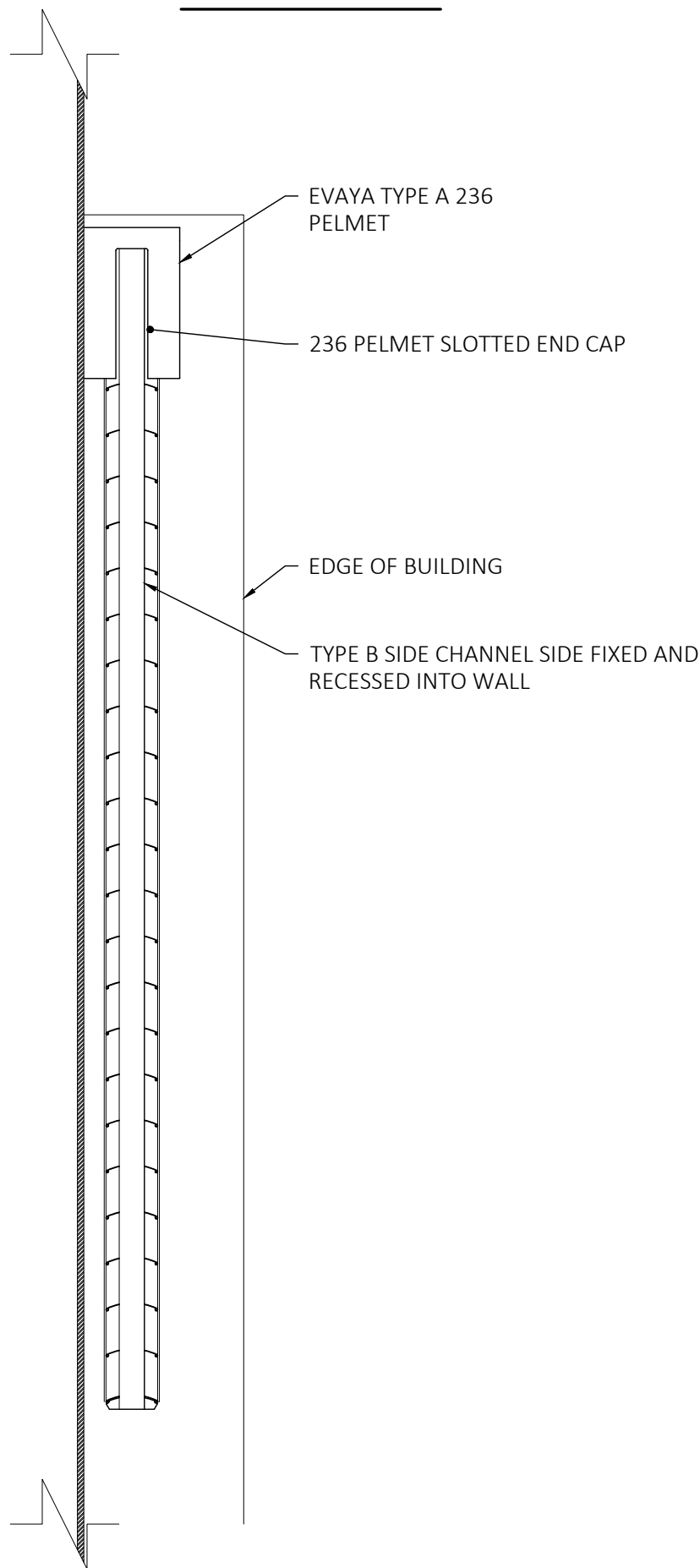


TYPE B SIDE CHANNEL
SYSTEM - GUIDE TYPE

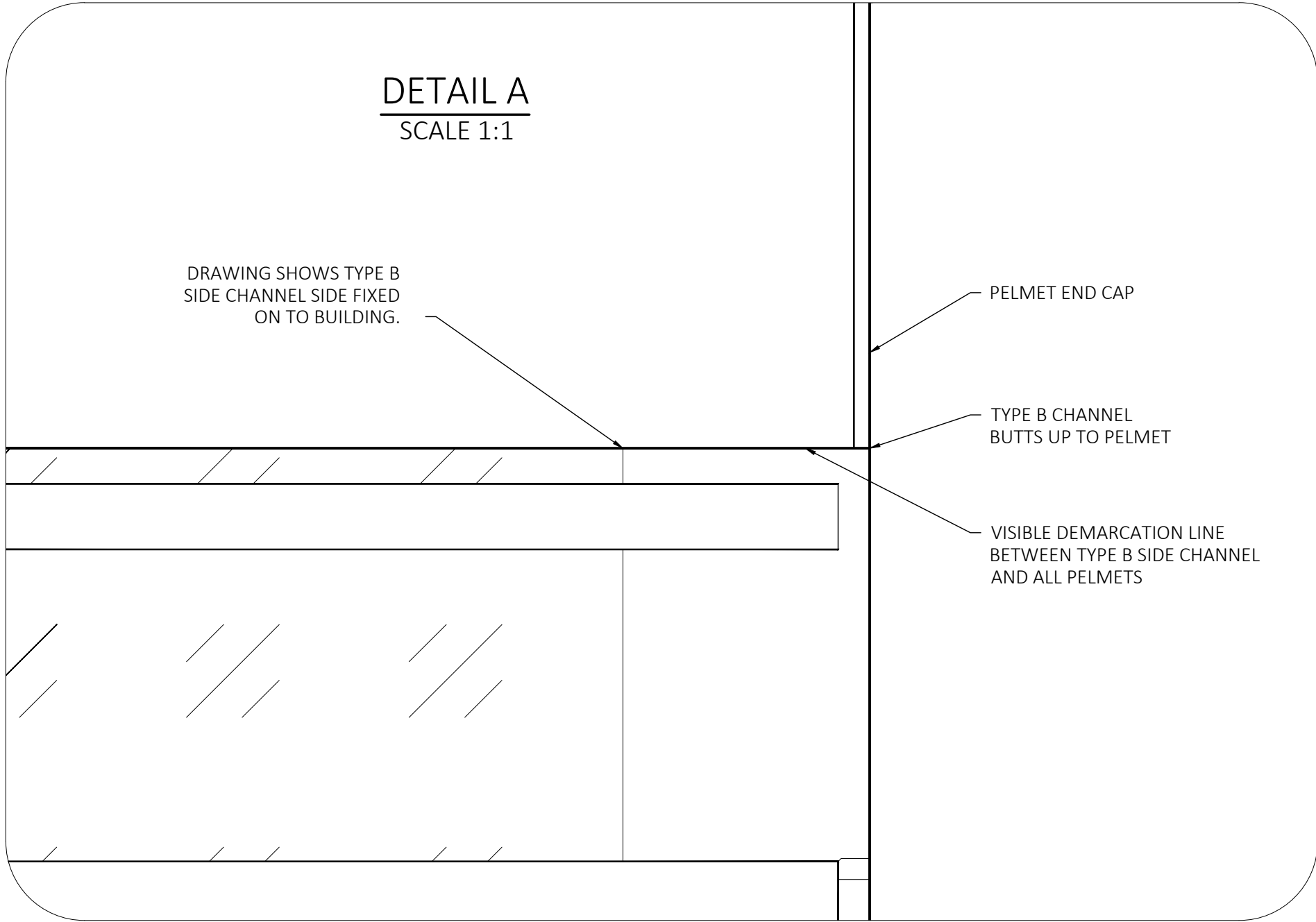
FRONT ELEVATION
TYPE A 236 PELMET WITH TYPE B SIDE CHANNELS
SIDE FIXED AND RECESSED INTO WALL



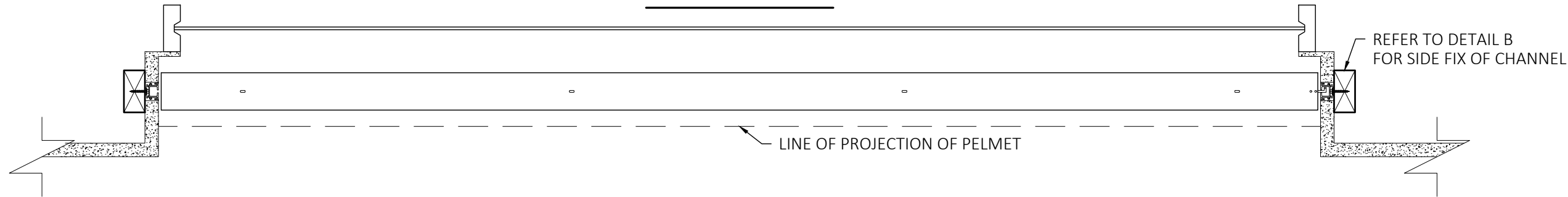
SECTION A-A



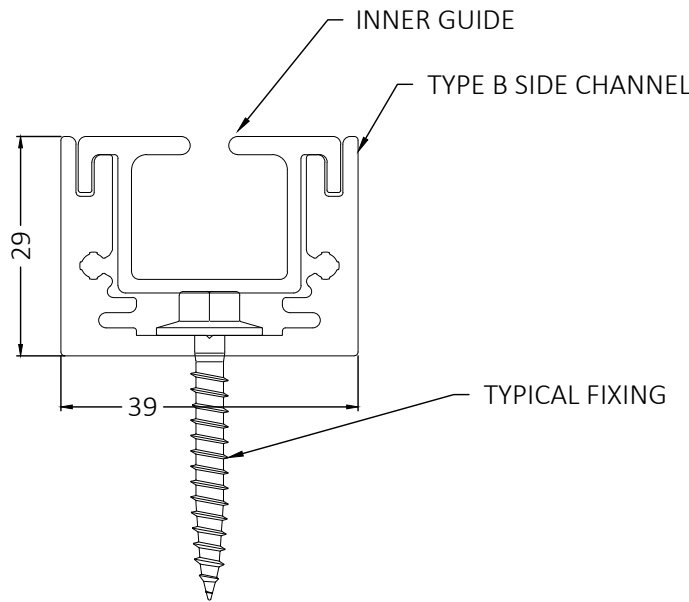
DETAIL A
SCALE 1:1



SECTION B-B



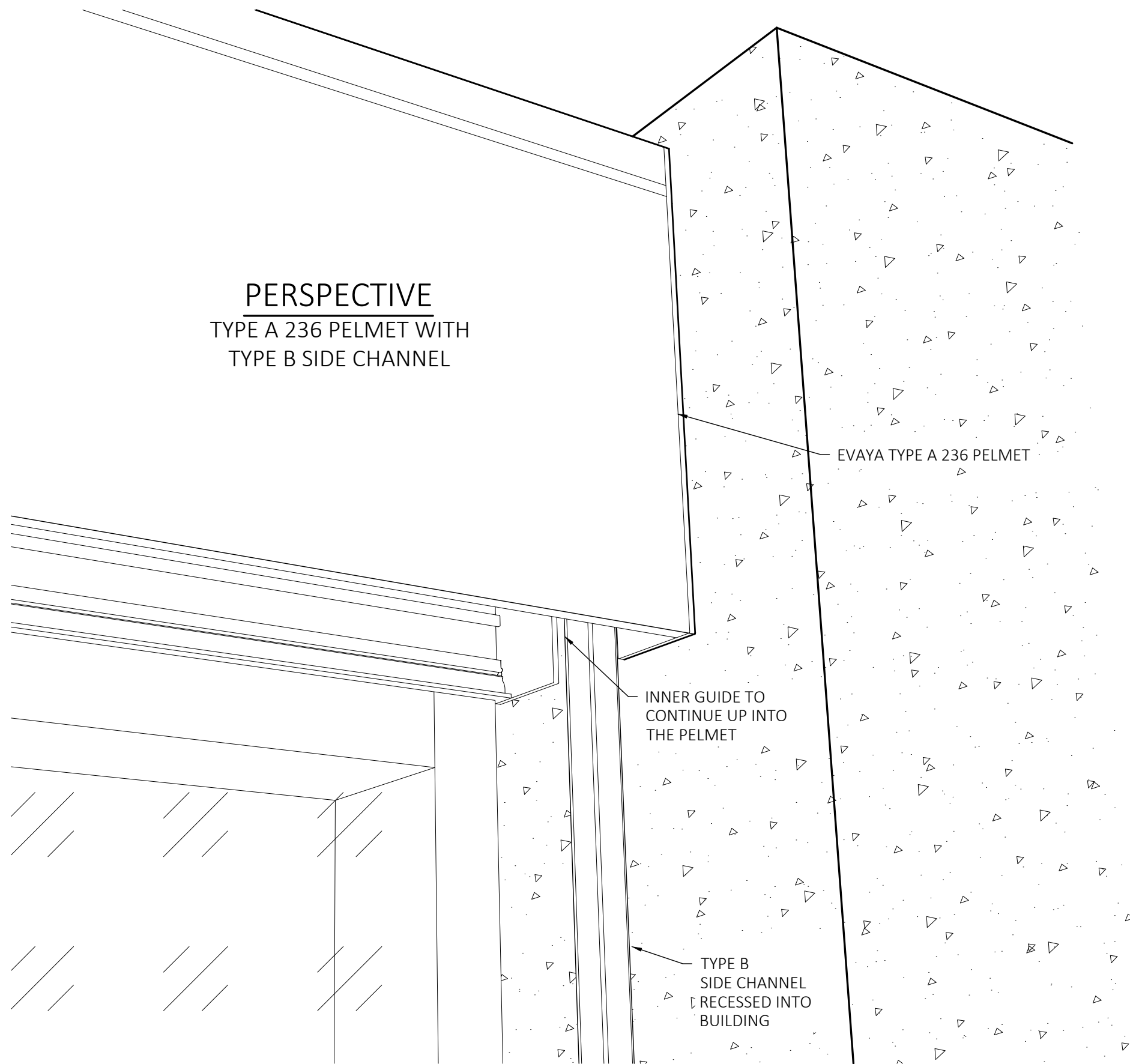
DIMENSIONED PROFILE
SCALE 1:1



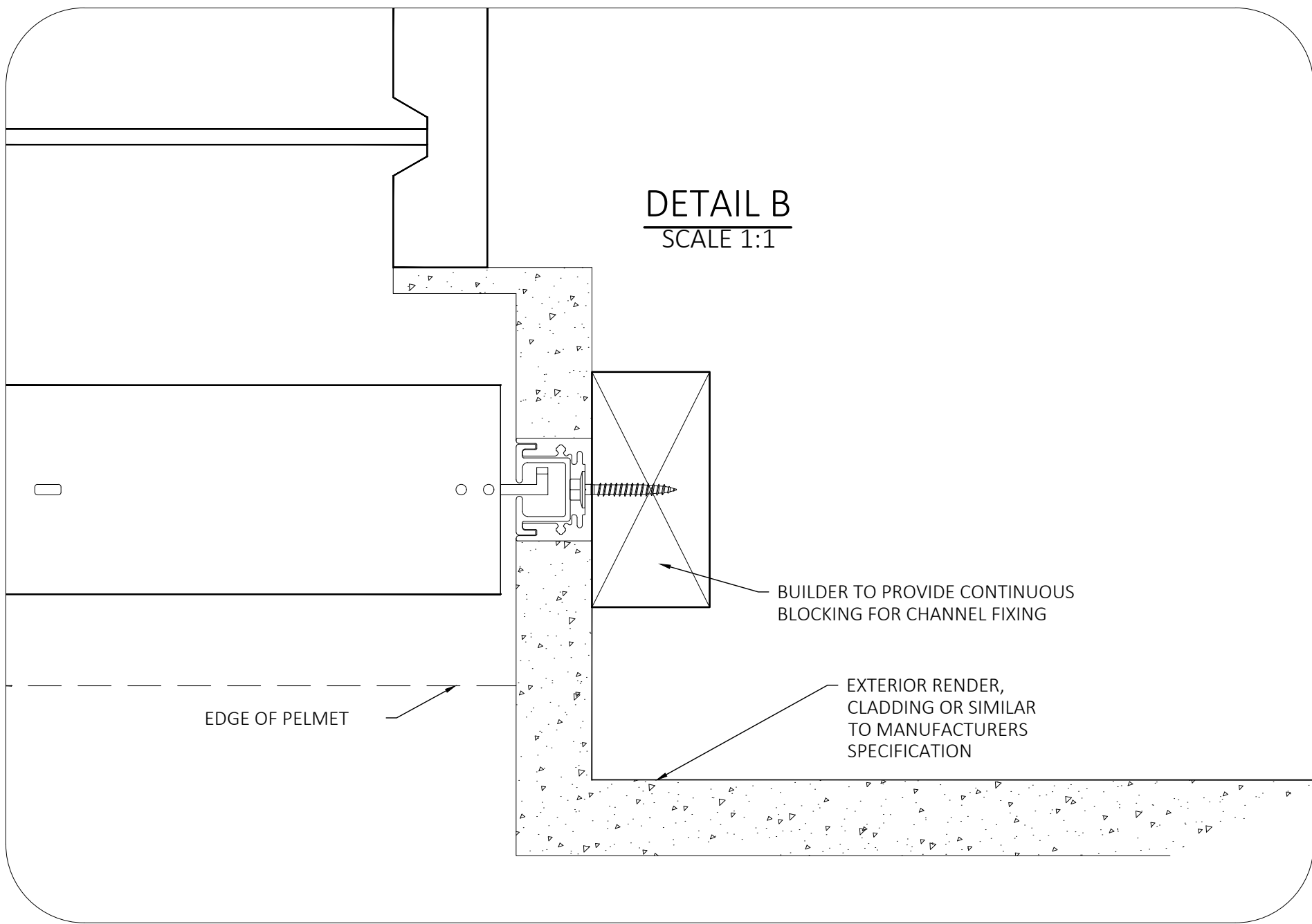
NOTES

- 29mm x 39mm
- ONLY TO BE UTILISED IN WINDOW REVEALS OR SHROUDS
- CAN BE USED IN SIDE FIX AND RECESSED APPLICATIONS
- NO VISIBLE FIXING OR ATTACHMENT POINT
- CAN BE USED IN ev80 AND ev93d INSTALLATIONS

PERSPECTIVE
TYPE A 236 PELMET WITH
TYPE B SIDE CHANNEL

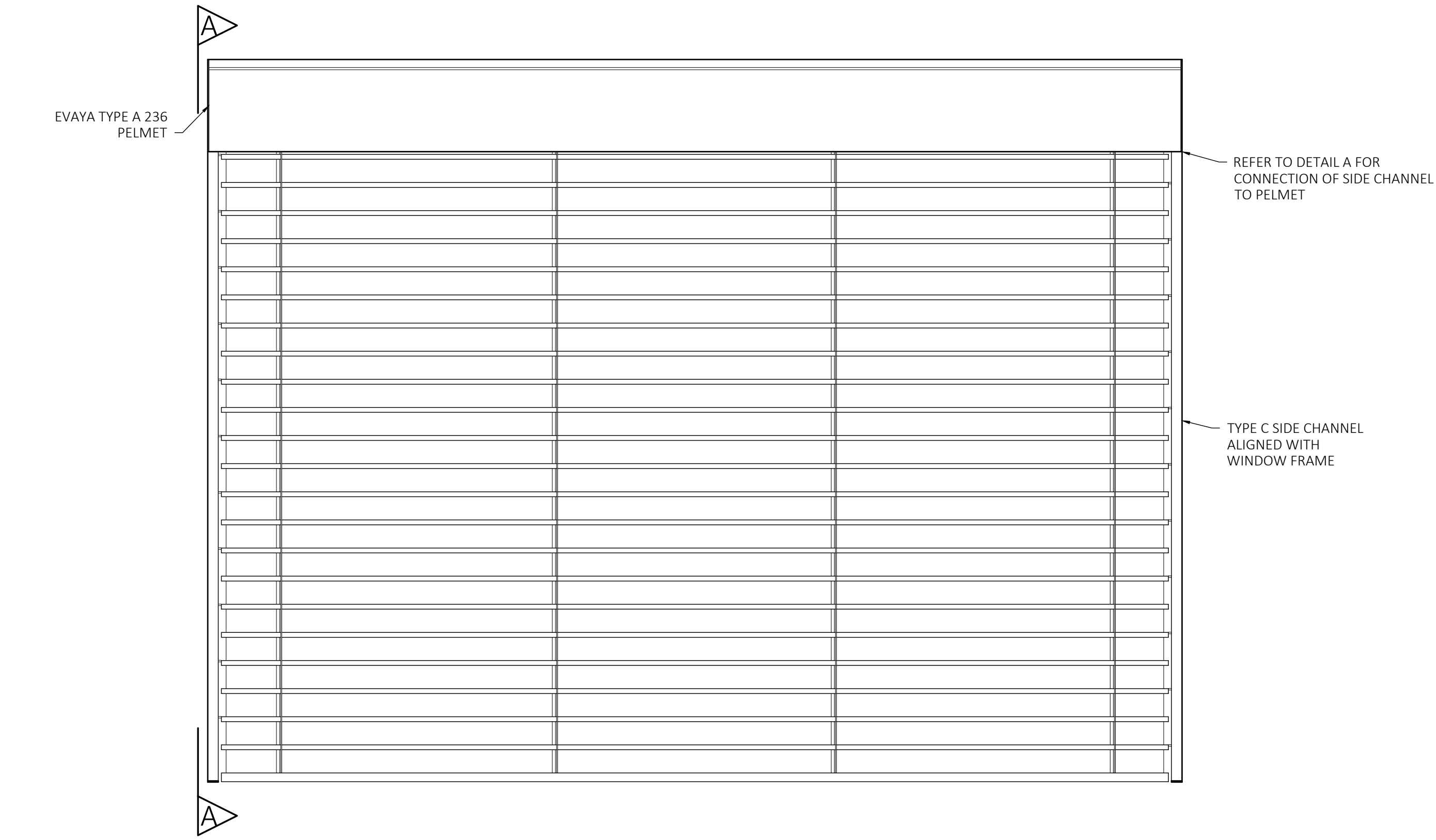


DETAIL B
SCALE 1:1

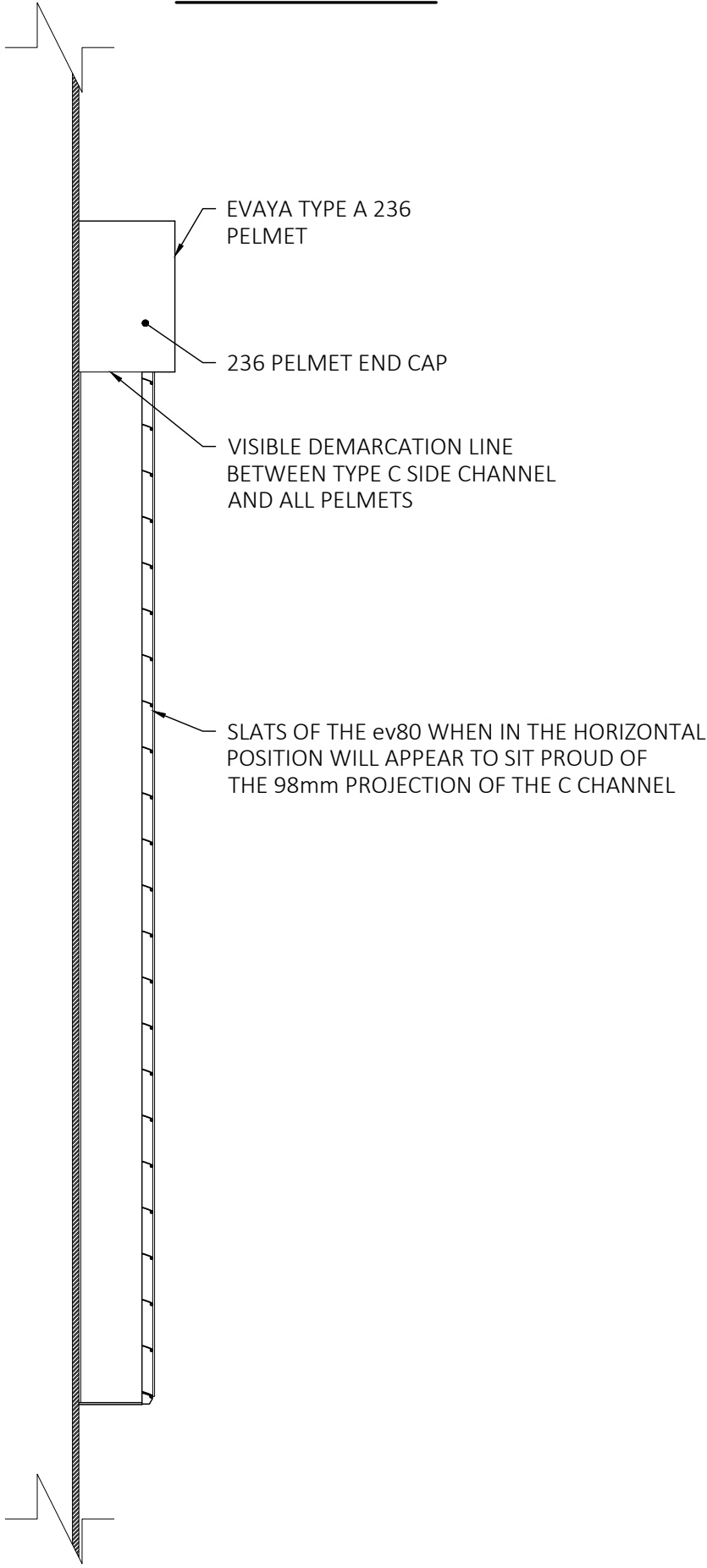


TYPE B SIDE CHANNEL - IN WALL
SYSTEM - GUIDE TYPE

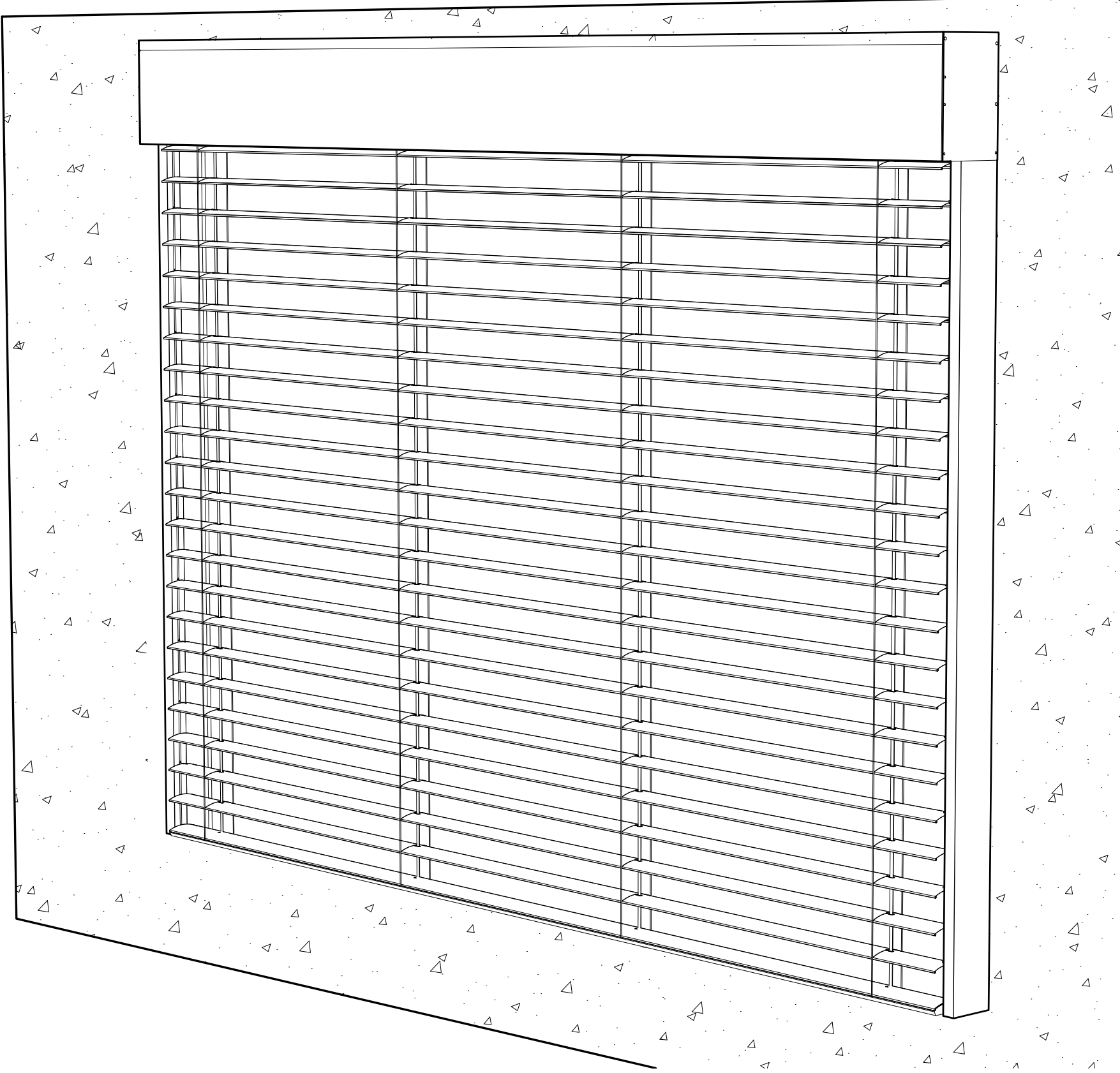
FRONT ELEVATION
TYPE A 236 PELMET WITH TYPE C SIDE CHANNELS



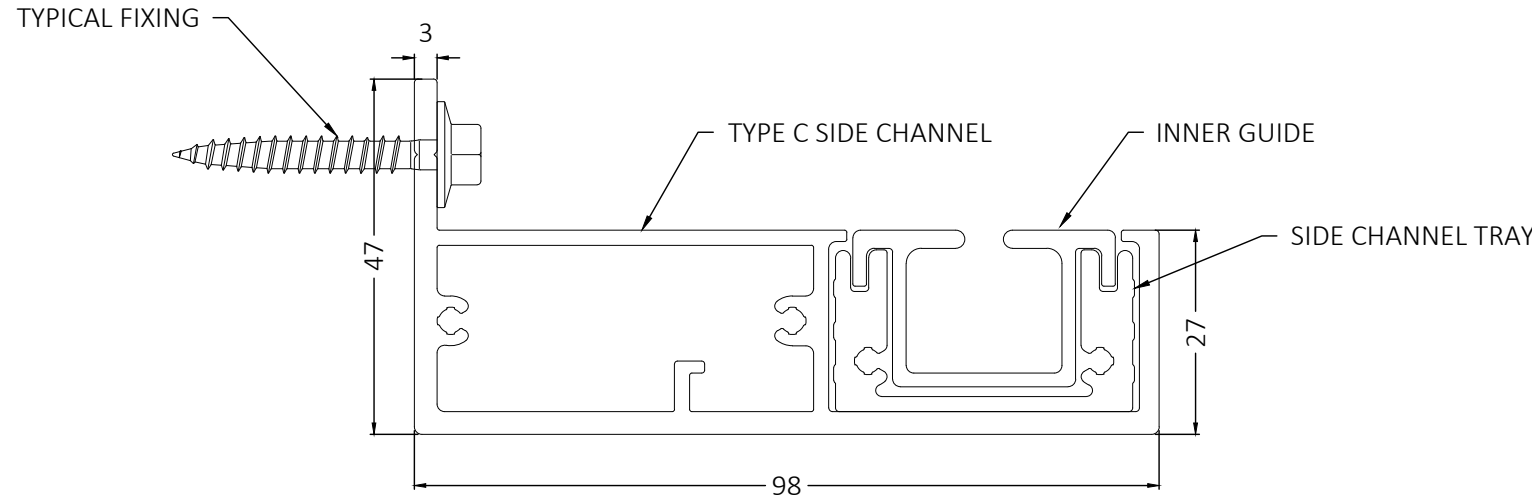
SECTION A-A



PERSPECTIVE
TYPE A 236 PELMET WITH
TYPE C SIDE CHANNEL



DIMENSIONED PROFILE
SCALE 1:1

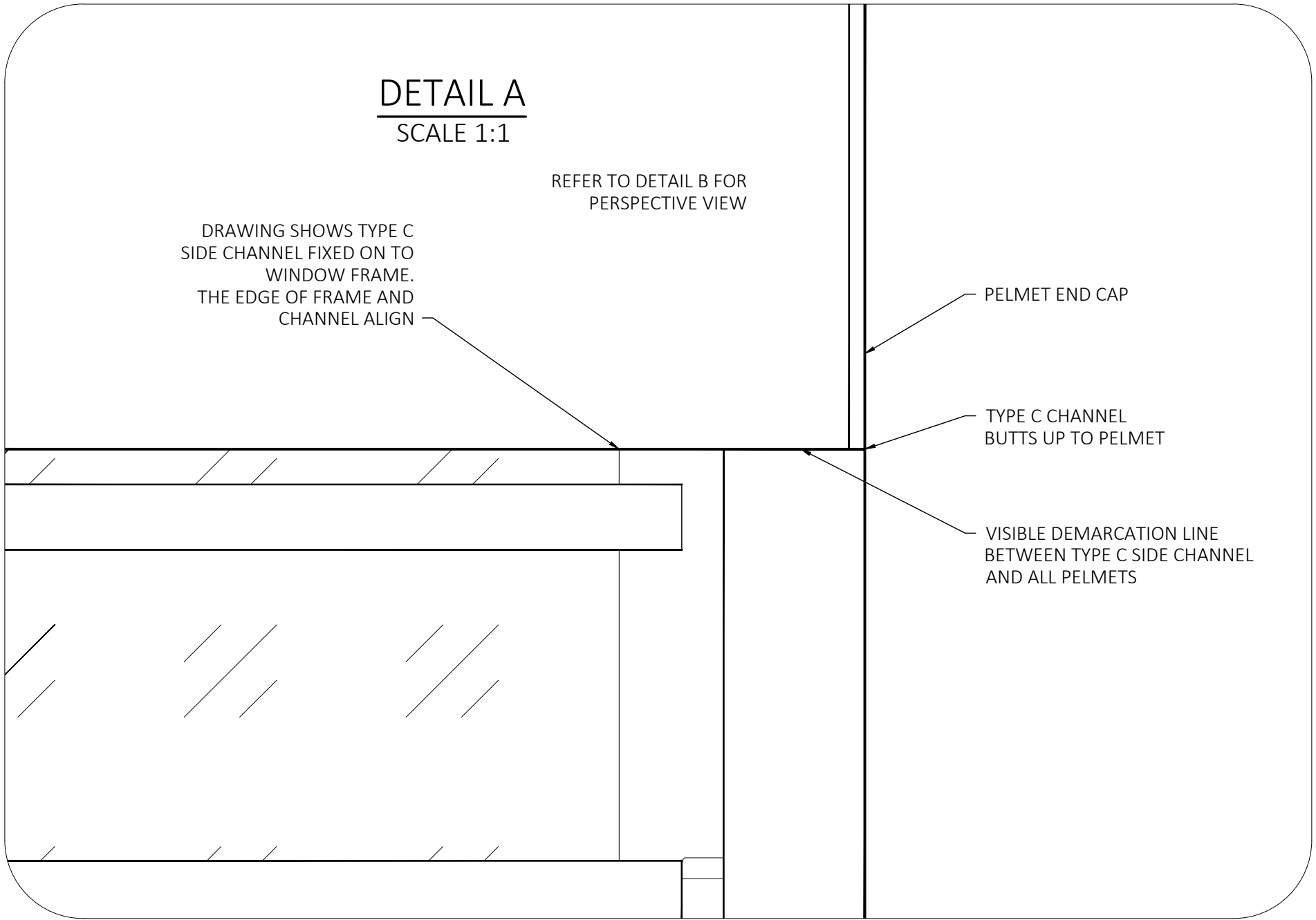


NOTES

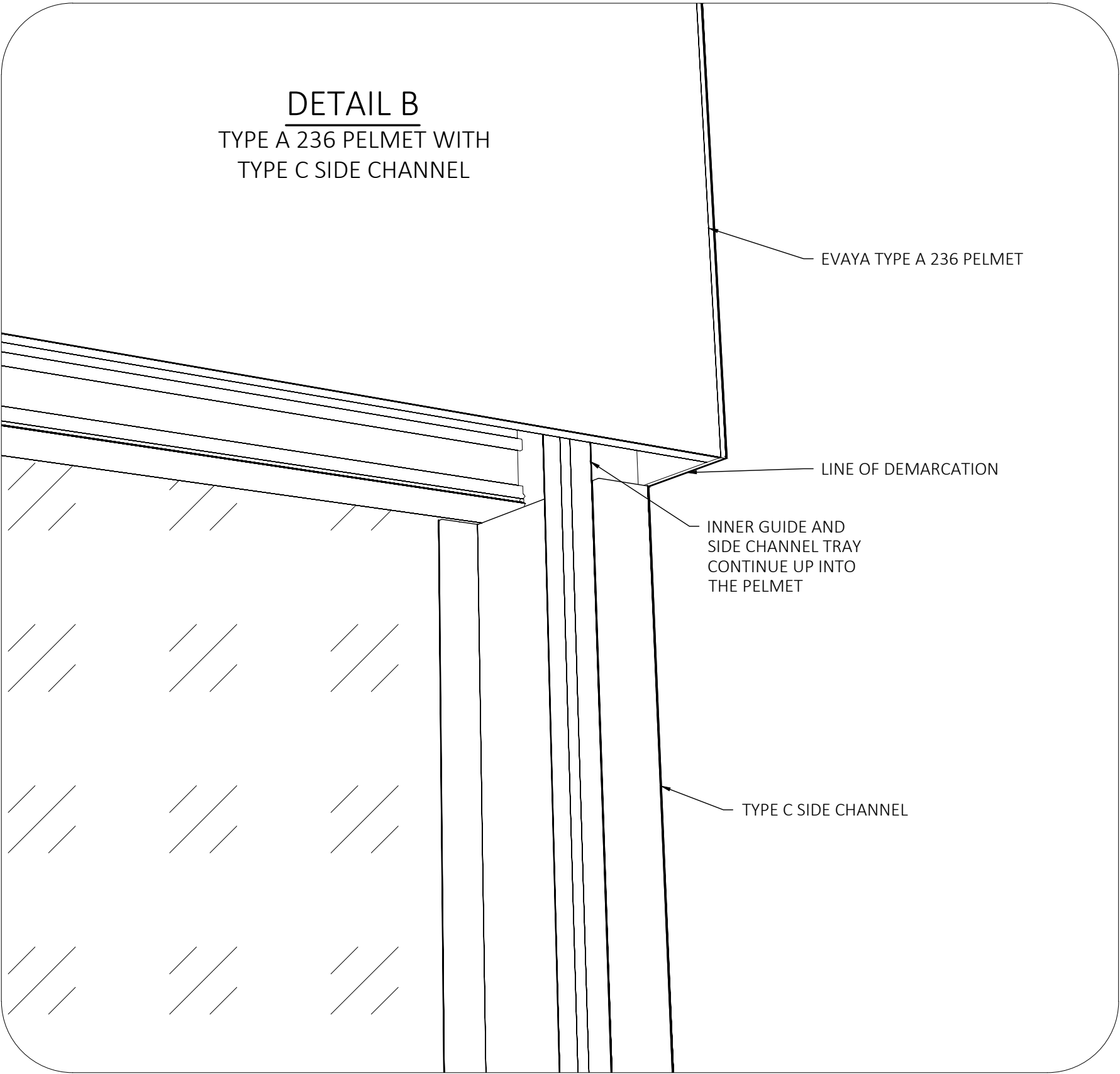
- 27mm WIDE x 47mm WITH A 98mm PROJECTION
- UTILISED IN FACE FIT APPLICATIONS
- MINIMAL FIXING AND FASTENING REQUIRED

CAN BE USED IN FACE AND INSIDE INSTALLATIONS

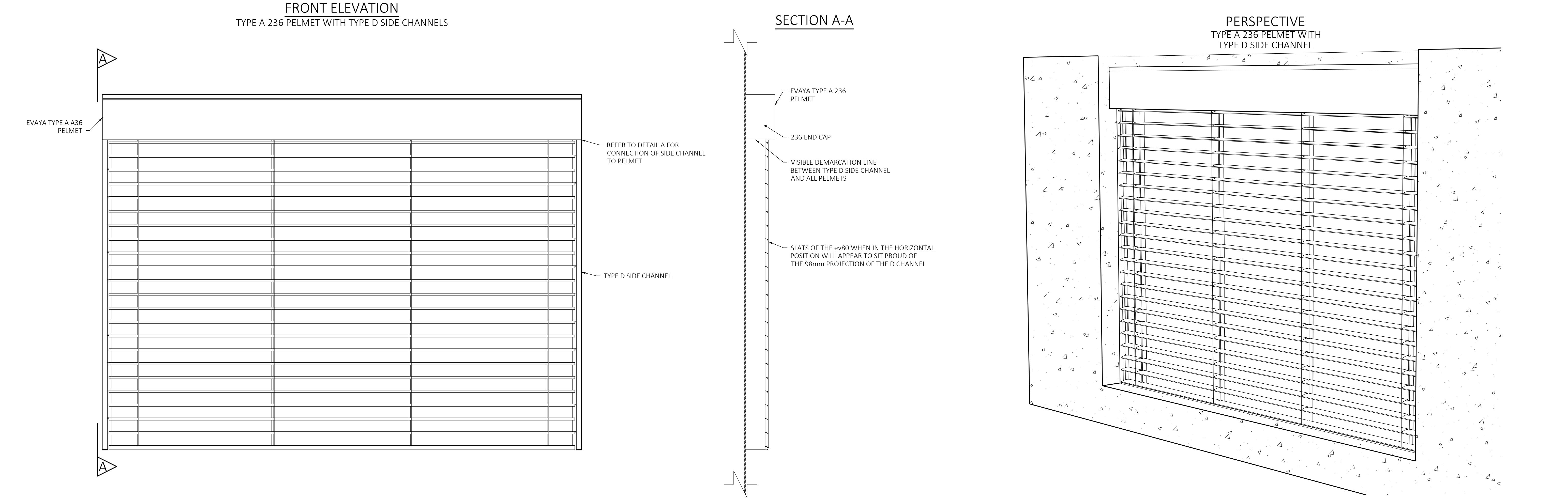
DETAIL A
SCALE 1:1



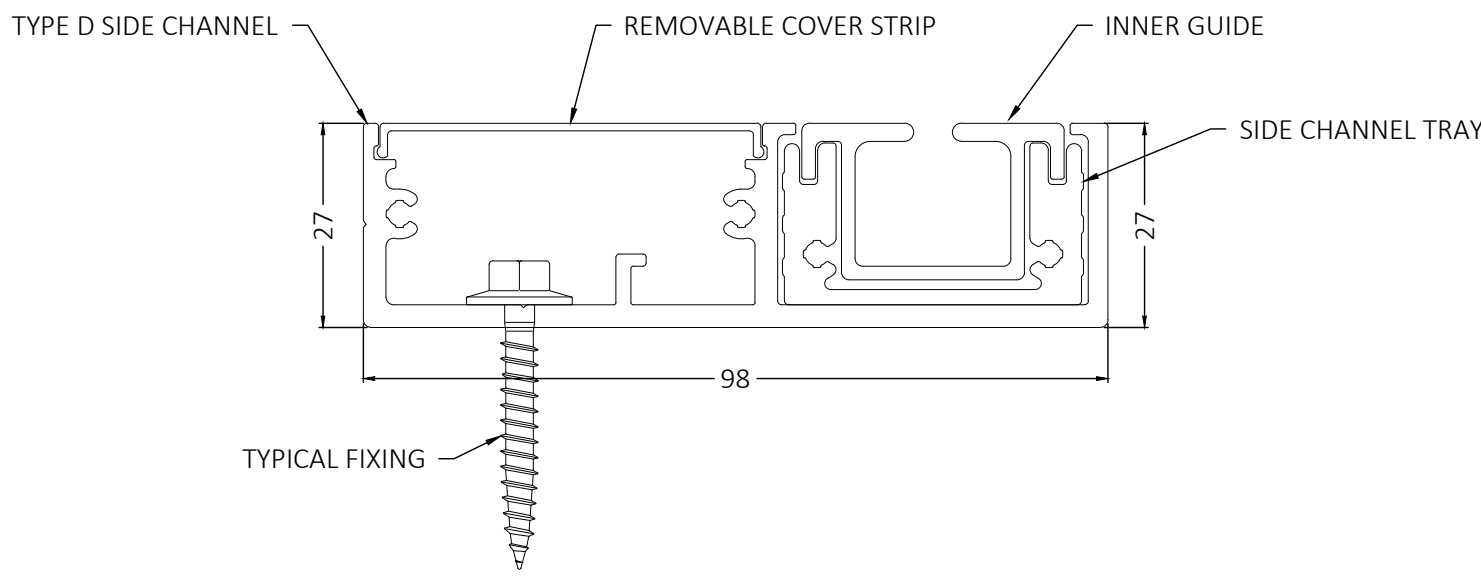
DETAIL B
TYPE A 236 PELMET WITH
TYPE C SIDE CHANNEL



TYPE C SIDE CHANNEL
SYSTEM - GUIDE TYPE



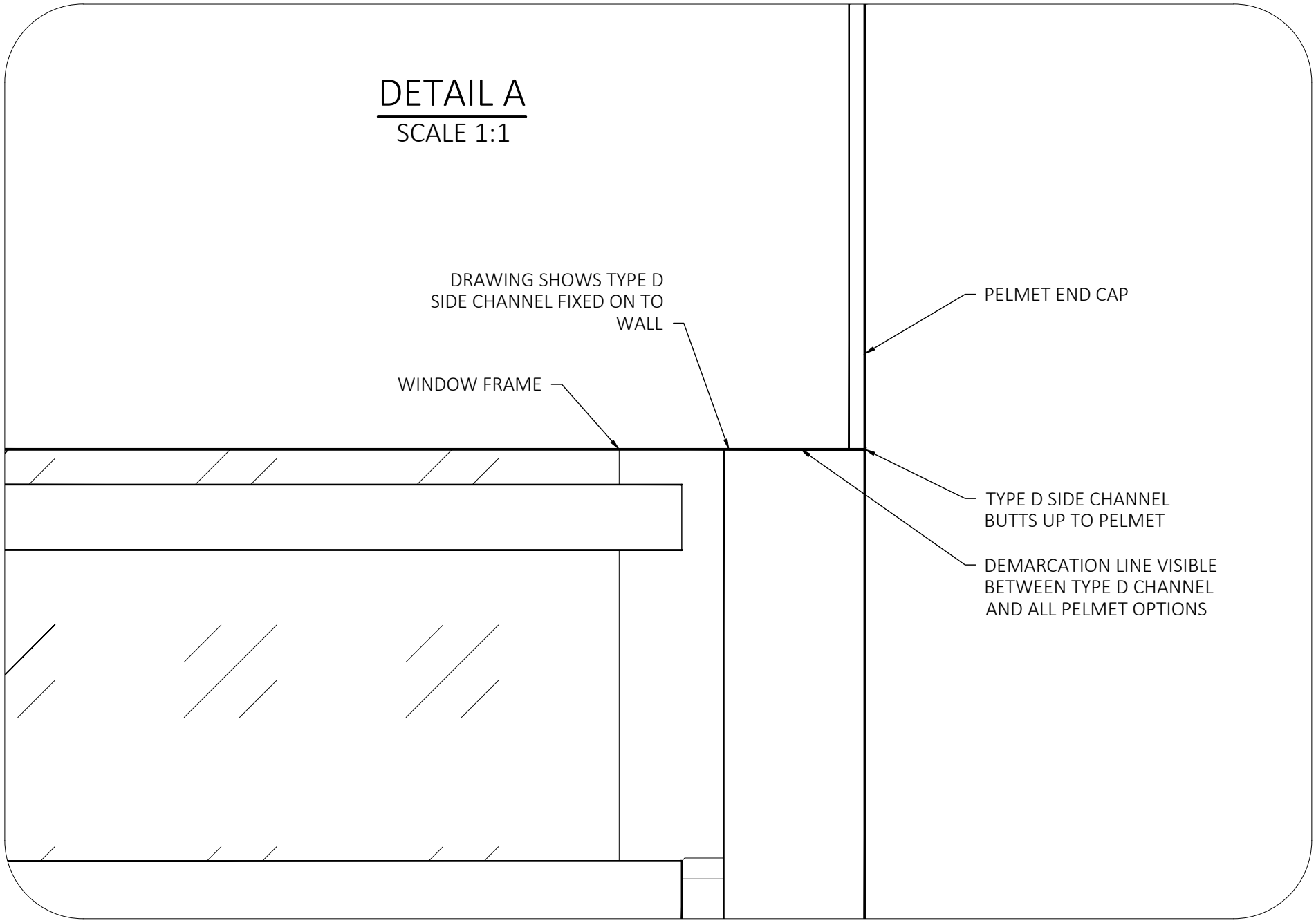
DIMENSIONED PROFILE
SCALE 1:1



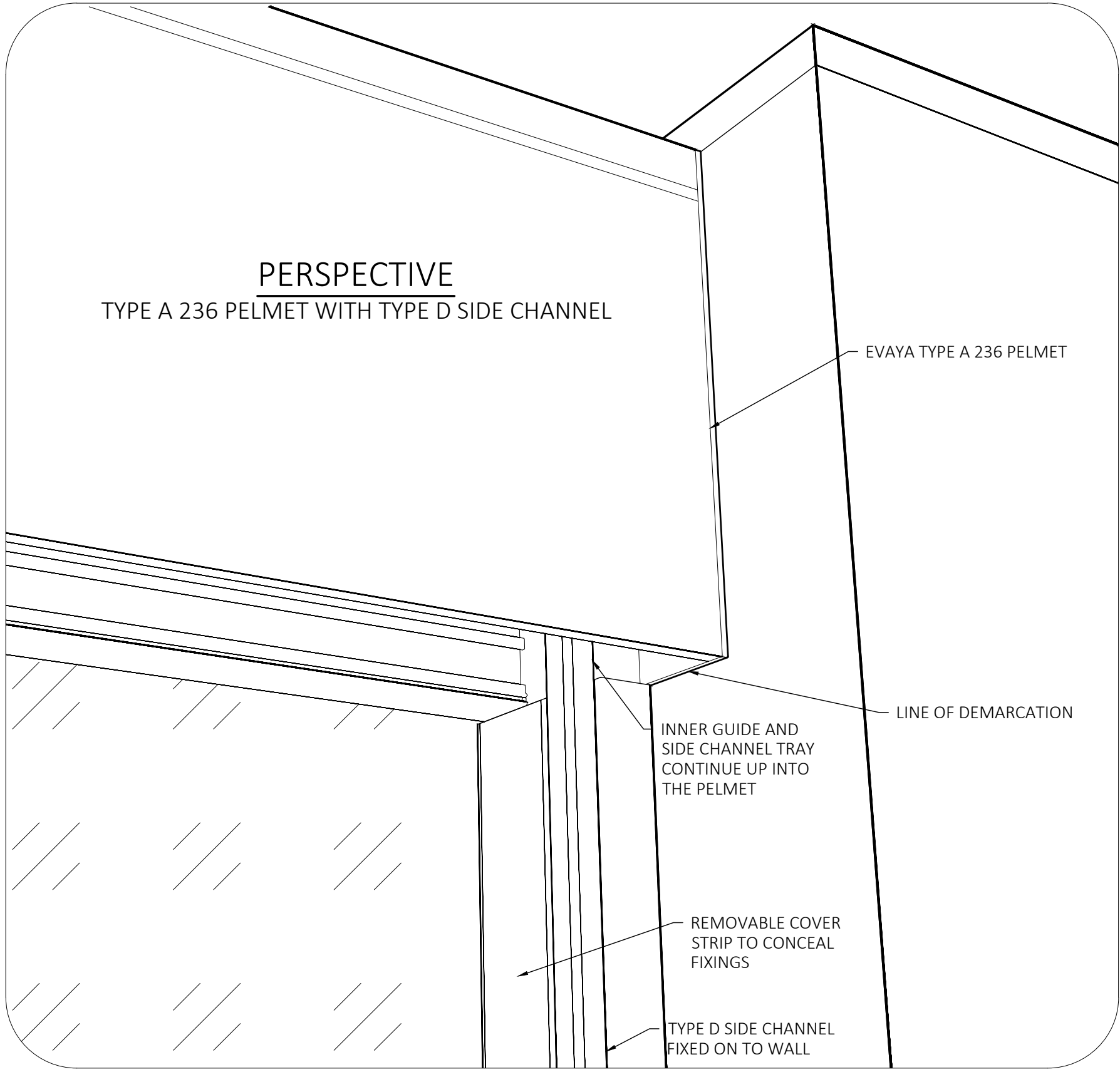
NOTES

- 27mm WIDE WITH A 98mm PROJECTION
- FIXING OPTIONS AVAILABLE FOR FACE FIT OR RECESS APPLICATIONS
- CAPABLE OF LINKING MULTIPLE UNITS SEAMLESSLY
- NO VISIBLE FASTENING OR ANCHORING POINTS
- CAN BE USED IN ev80 AND ev93d INSTALLATIONS

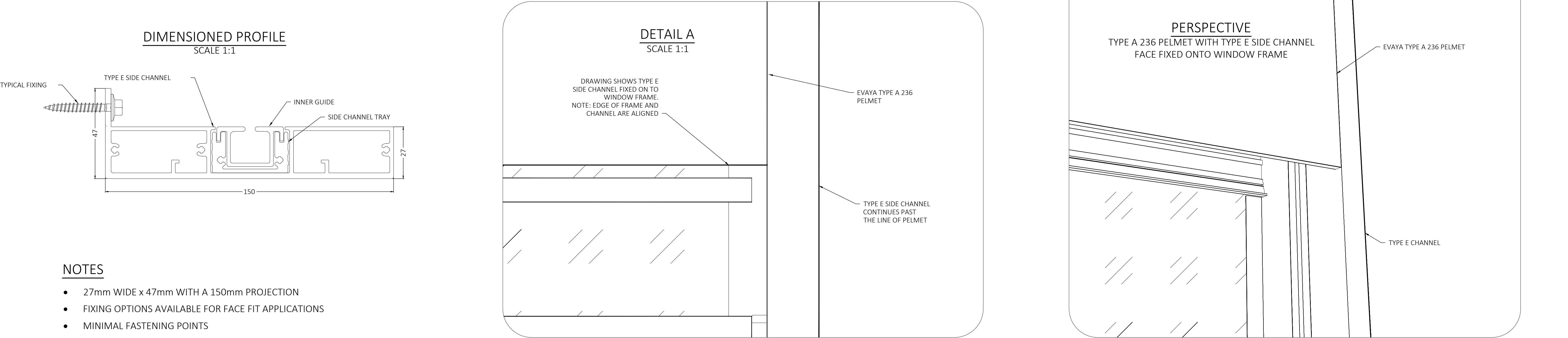
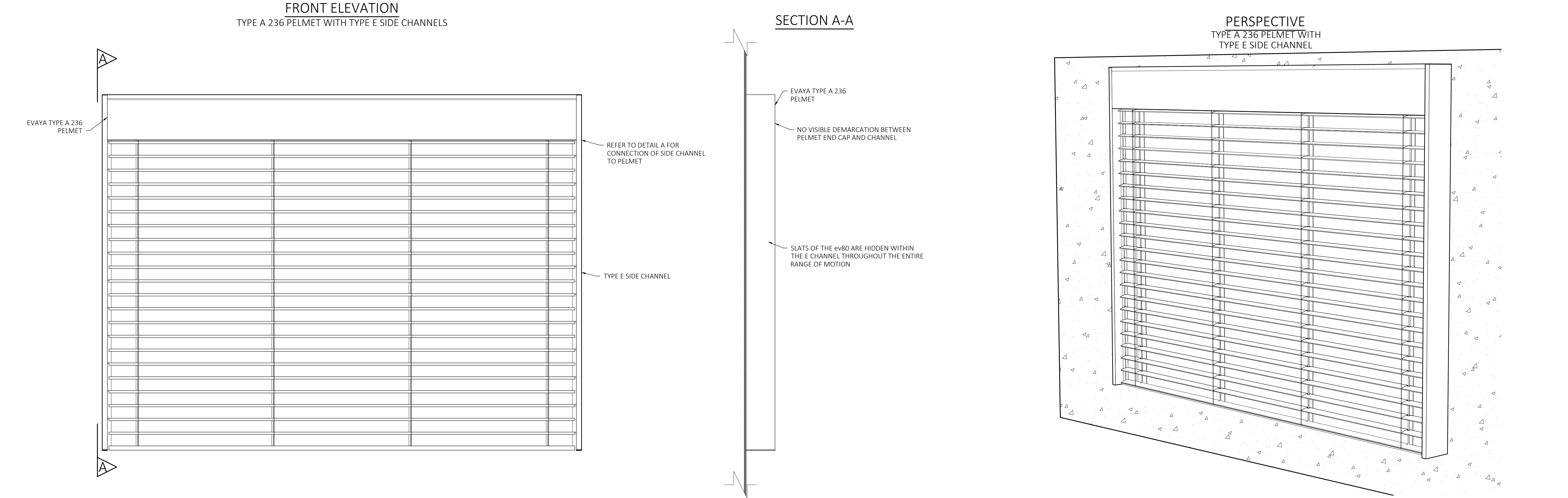
DETAIL A
SCALE 1:1



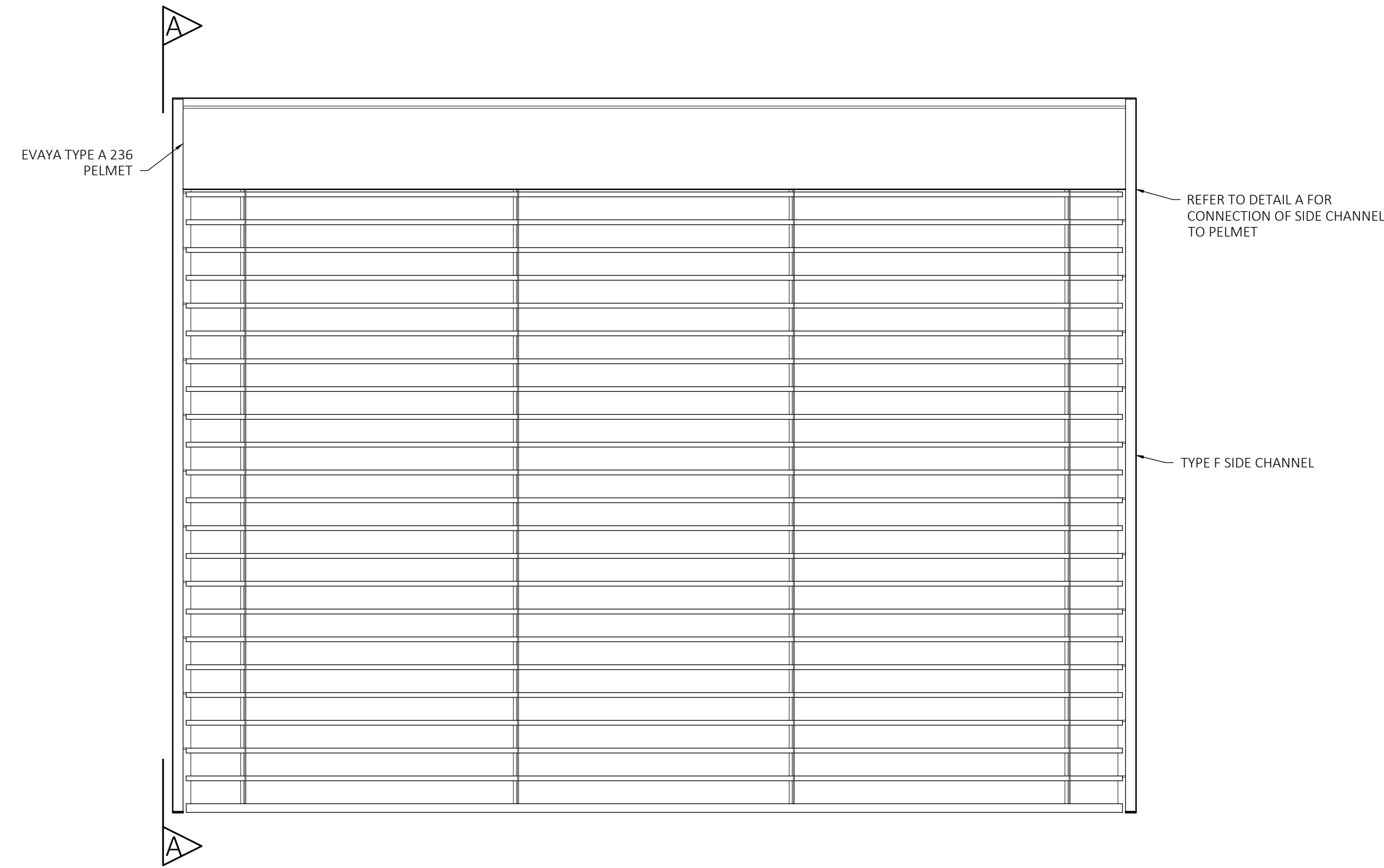
PERSPECTIVE
TYPE A 236 PELMET WITH TYPE D SIDE CHANNEL



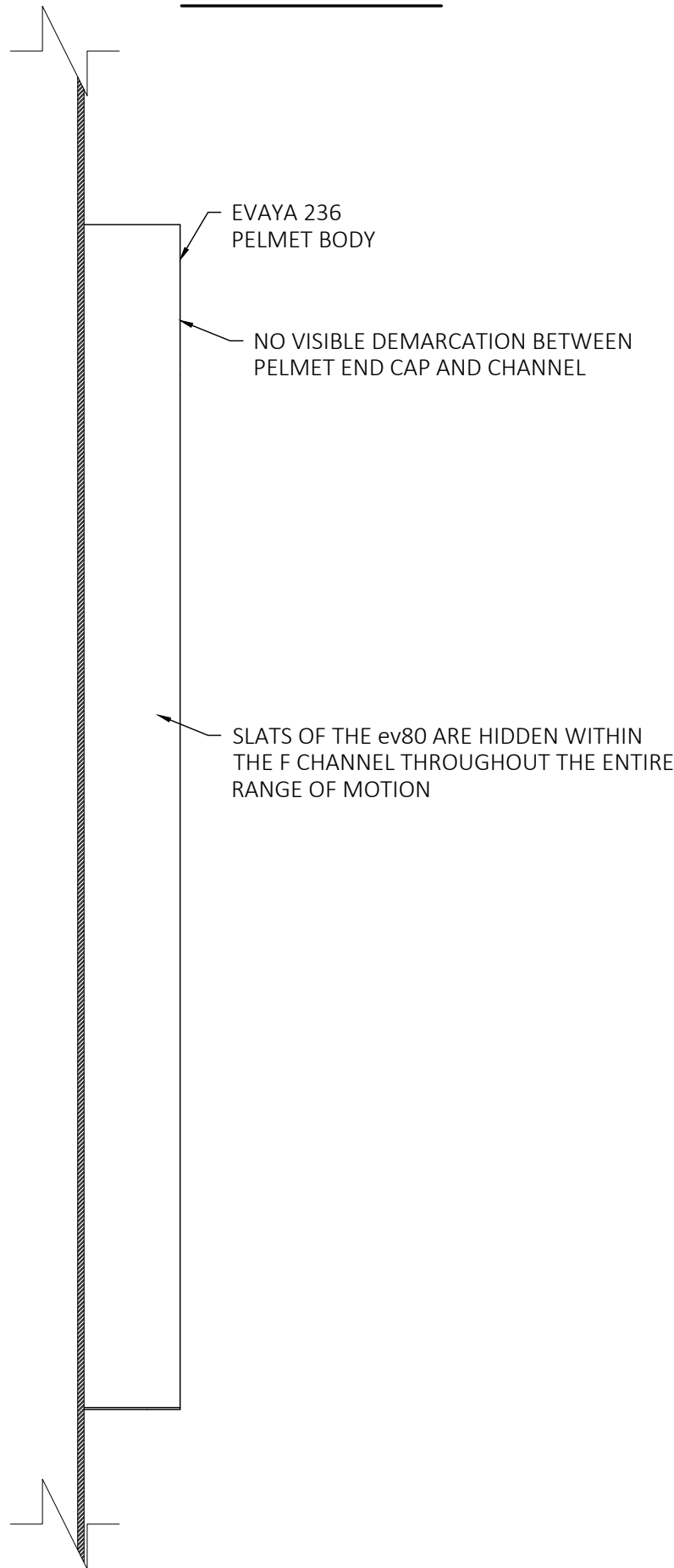
TYPE D SIDE CHANNEL
SYSTEM - GUIDE TYPE



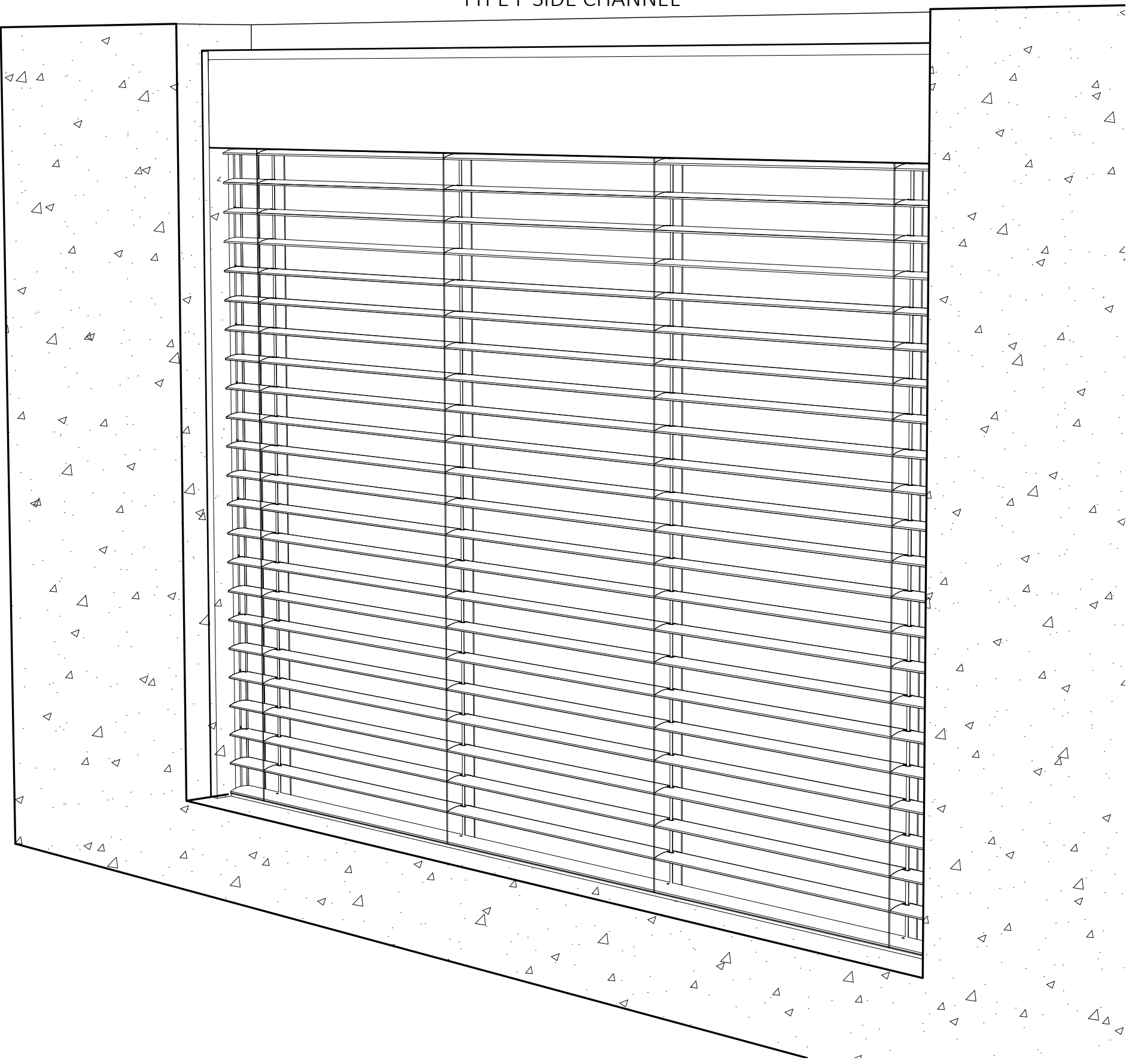
FRONT ELEVATION
TYPE A 236 PELMET WITH TYPE F SIDE CHANNELS



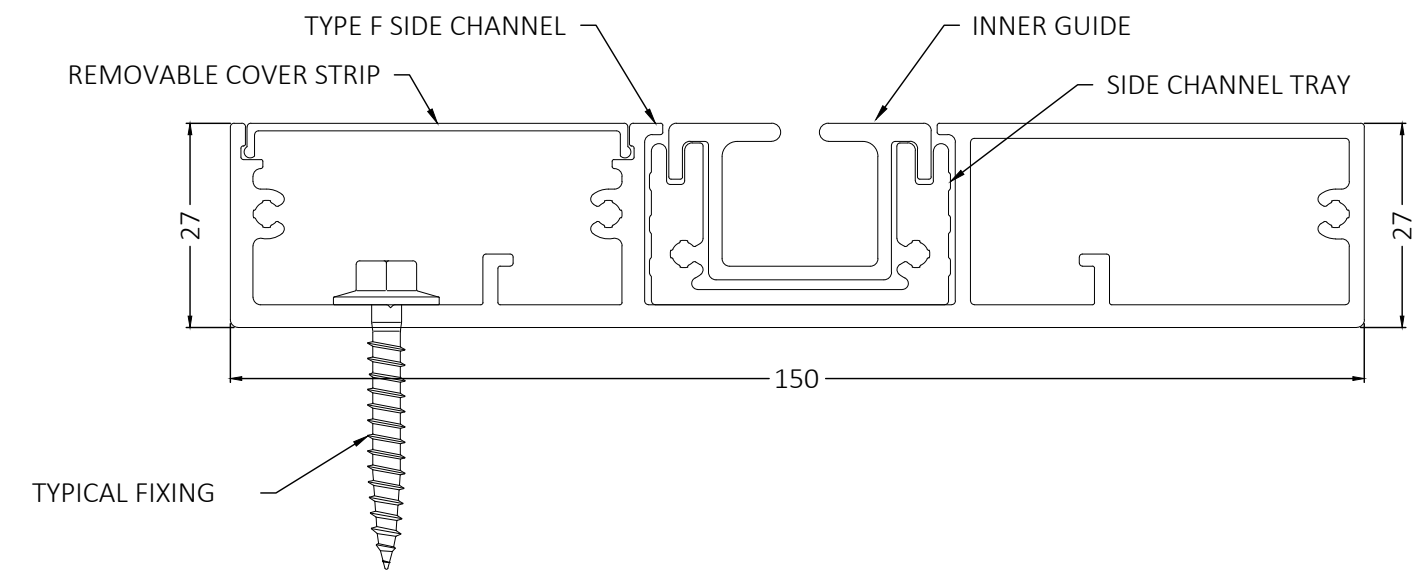
SECTION A-A



PERSPECTIVE
TYPE A 236 PELMET WITH
TYPE F SIDE CHANNEL



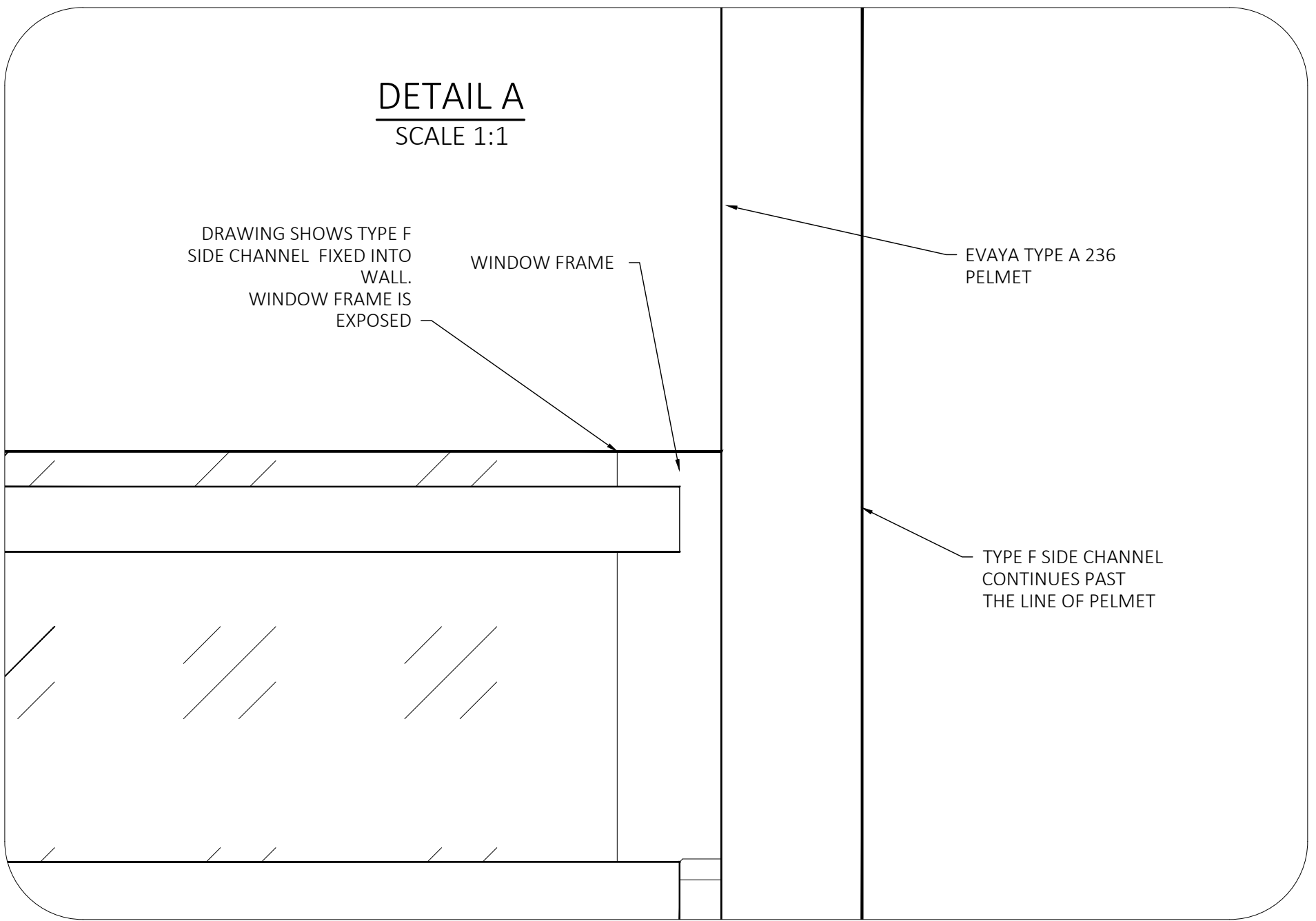
DIMENSIONED PROFILE
SCALE 1:1



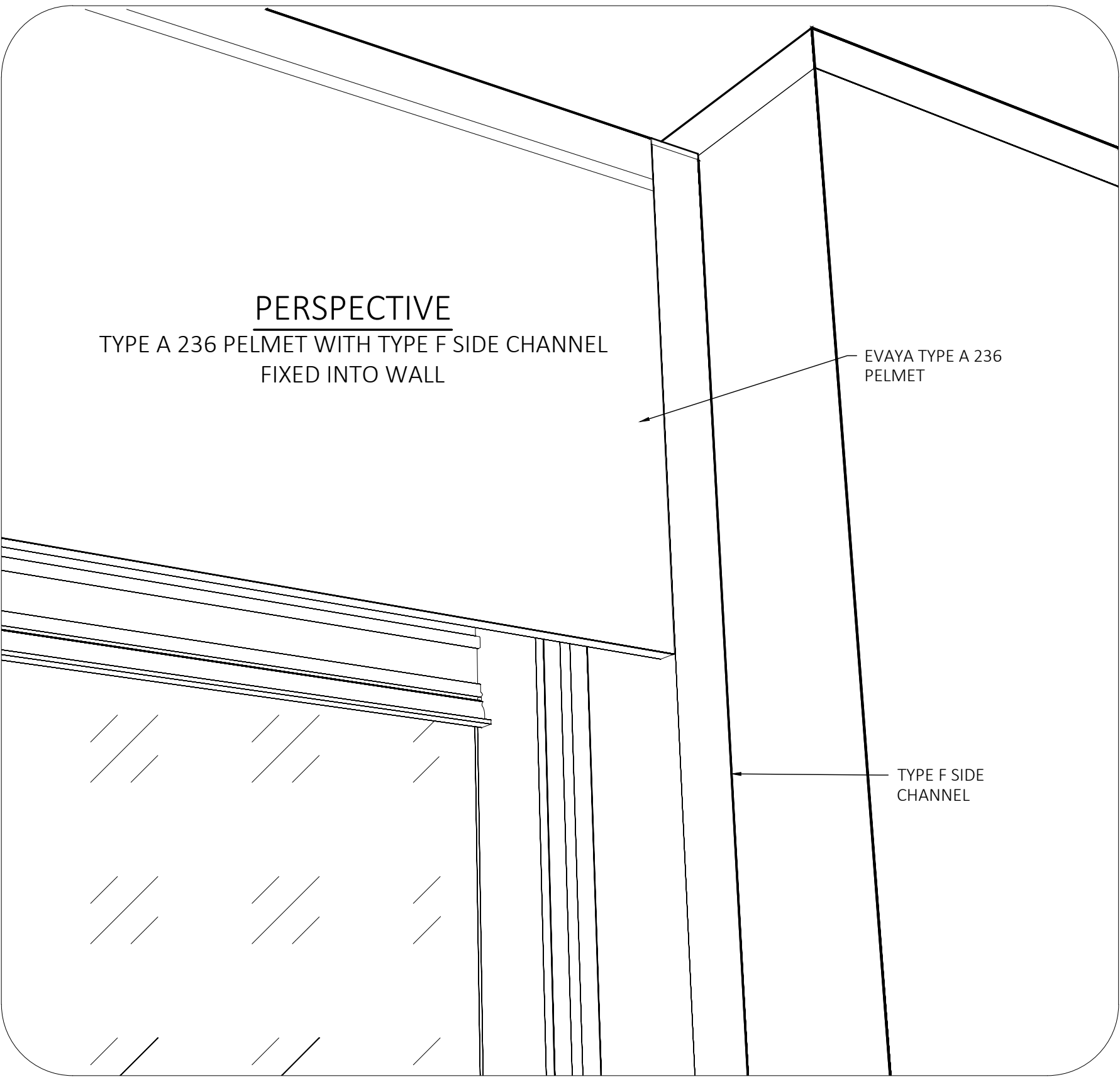
NOTES

- 27mm WIDE WITH A 150mm PROJECTION
- FIXING OPTIONS AVAILABLE FOR FACE FIT AND RECESS APPLICATIONS
- CAPABLE OF LINKING MULTIPLE UNITS SEAMLESSLY
- NO VISIBLE FASTENING OR ANCHORING POINTS
- CAN BE USED IN ev80 AND ev93d INSTALLATIONS

DETAIL A
SCALE 1:1

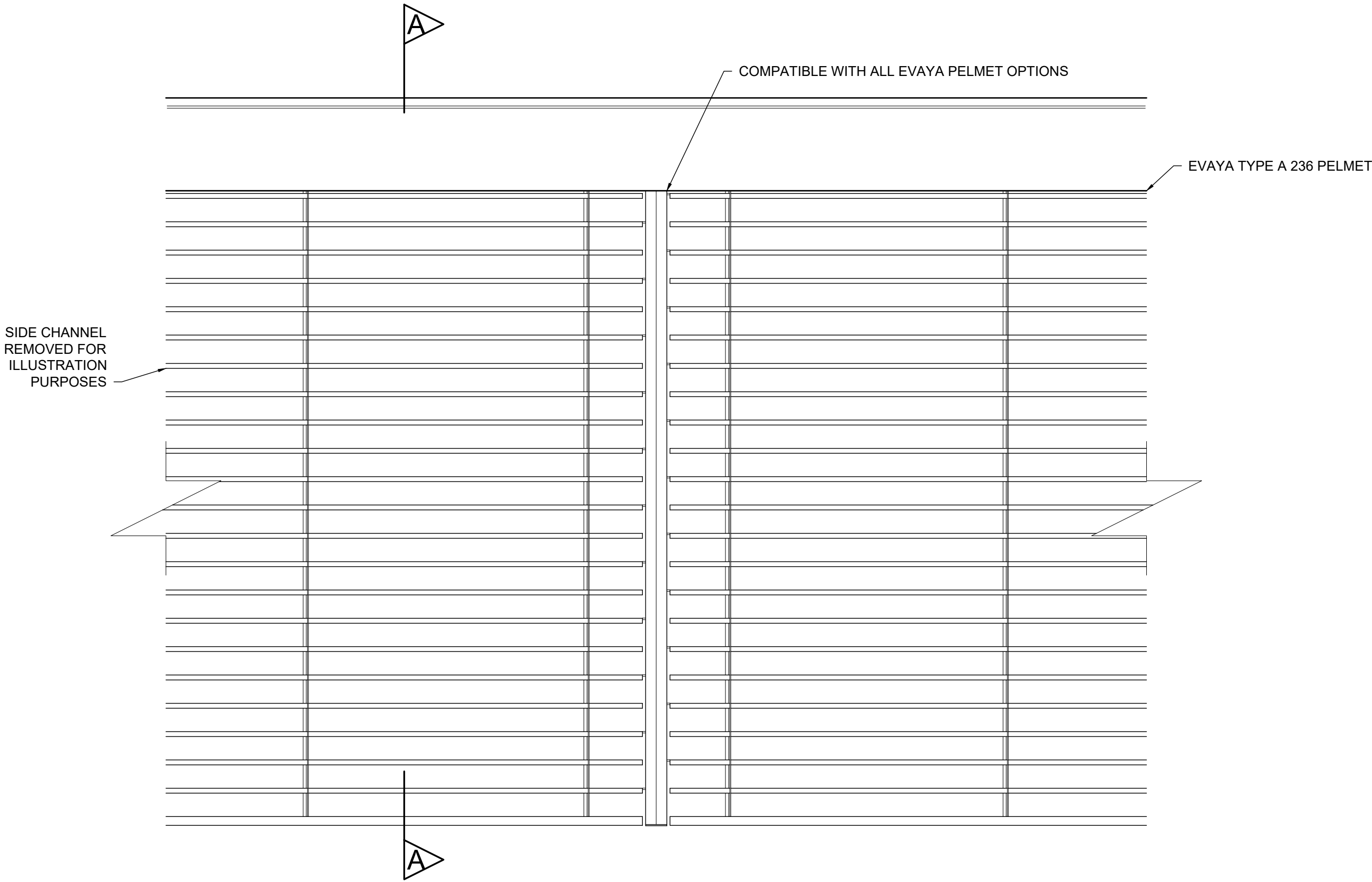


PERSPECTIVE
TYPE A 236 PELMET WITH TYPE F SIDE CHANNEL
FIXED INTO WALL

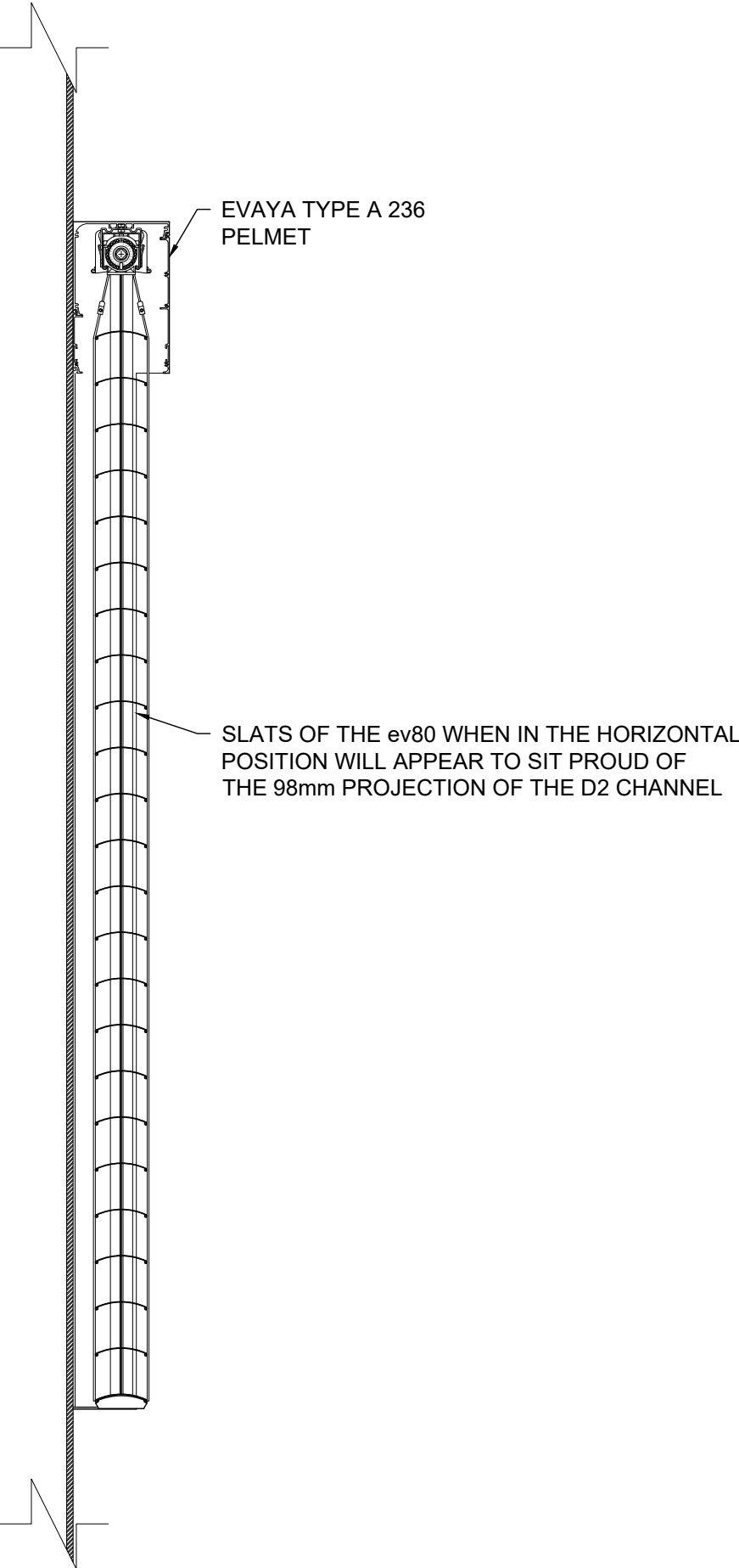


TYPE F SIDE CHANNEL
SYSTEM - GUIDE TYPE

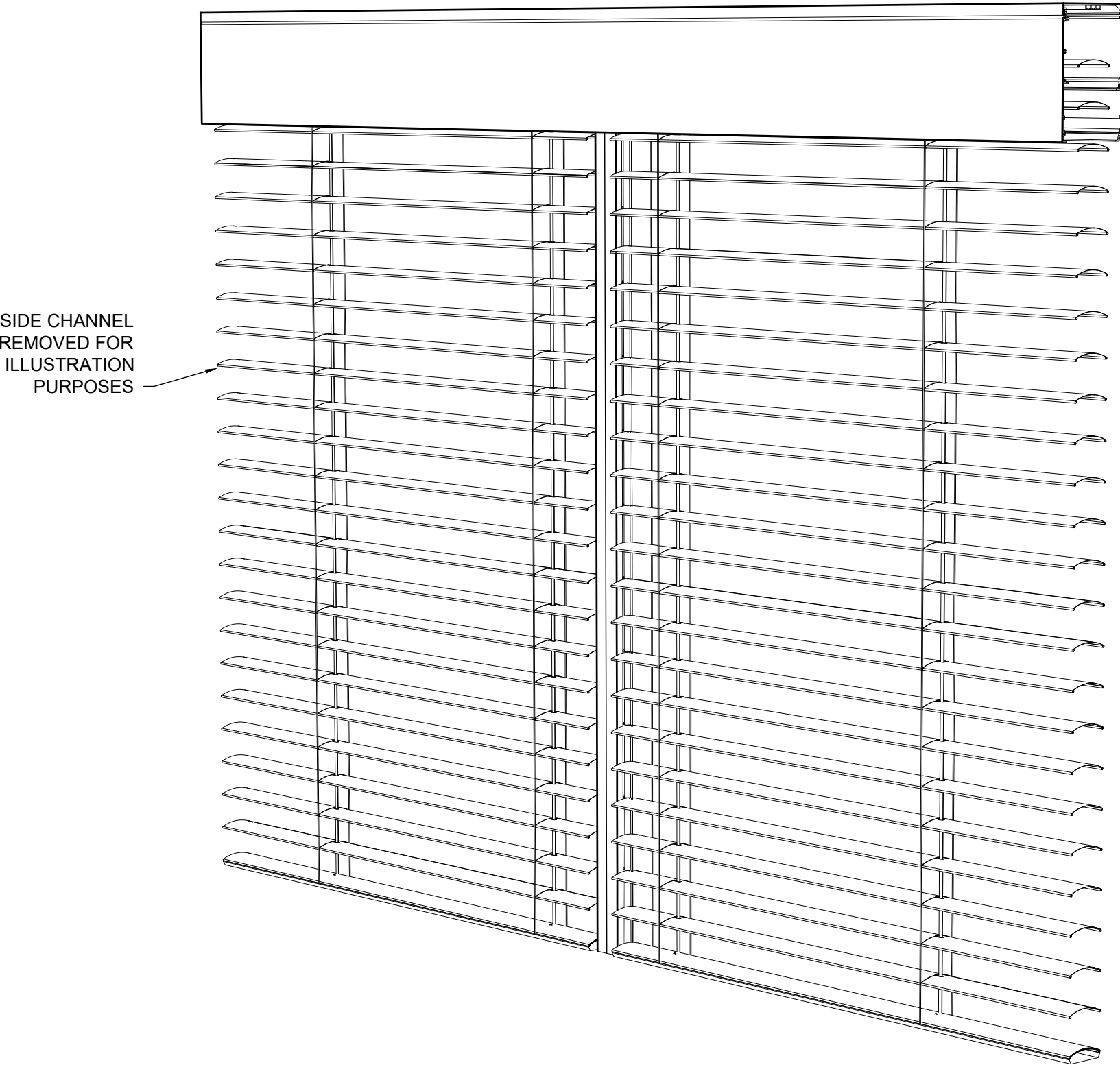
FRONT ELEVATION
TYPE A 236 PELMET WITH TYPE D2 SIDE CHANNELS



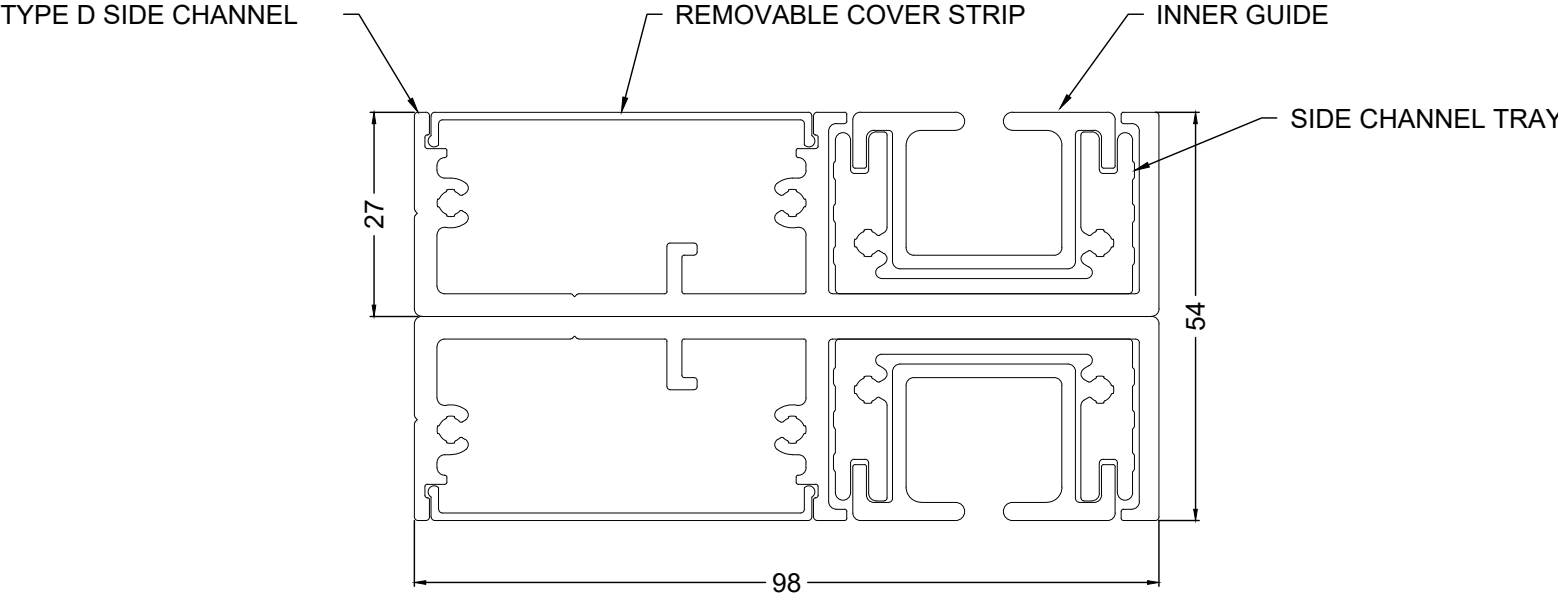
SECTION A-A



PERSPECTIVE
TYPE A 236 PELMET WITH
TYPE D2 SIDE CHANNEL



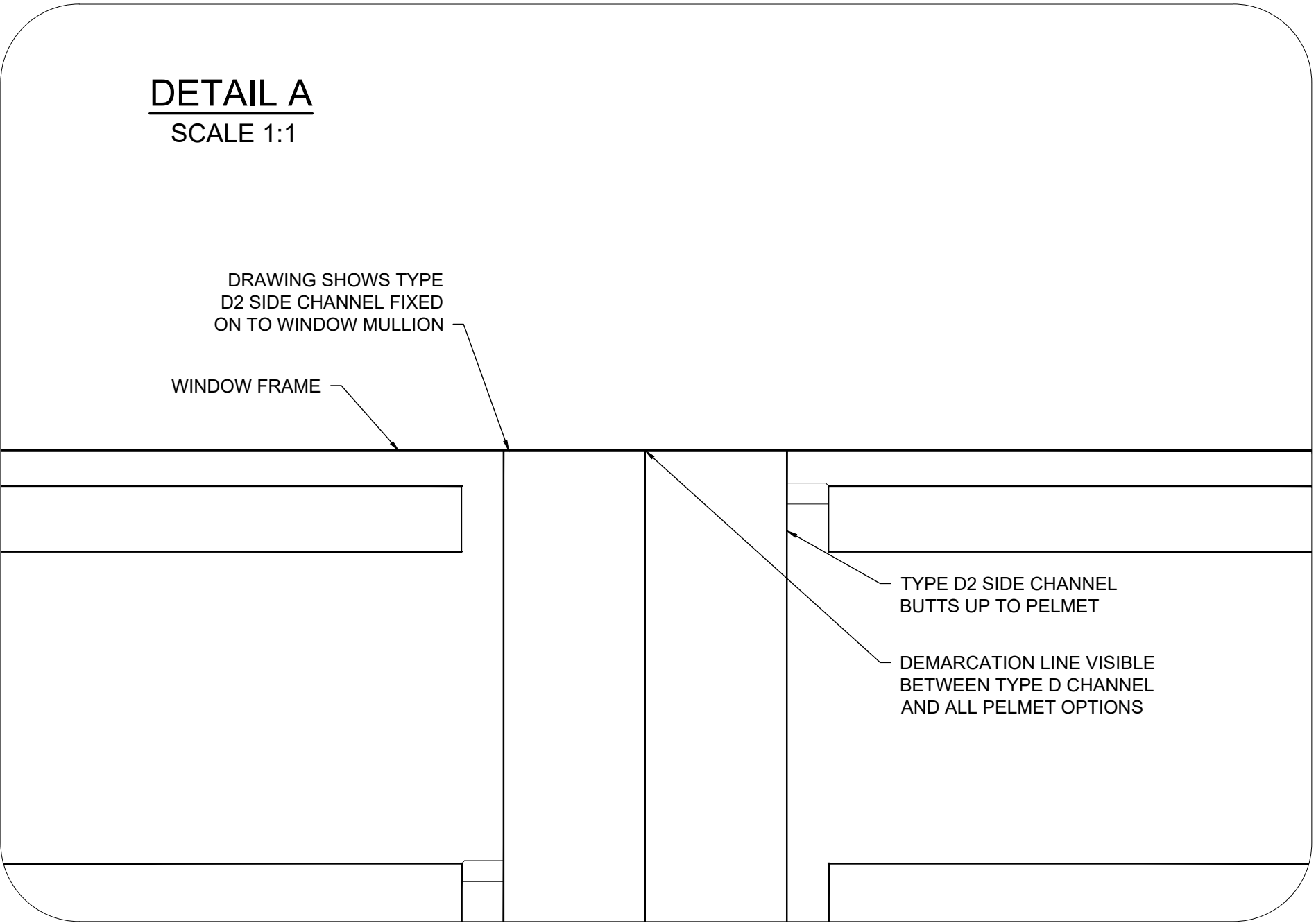
DIMENSIONED PROFILE
SCALE 1:1



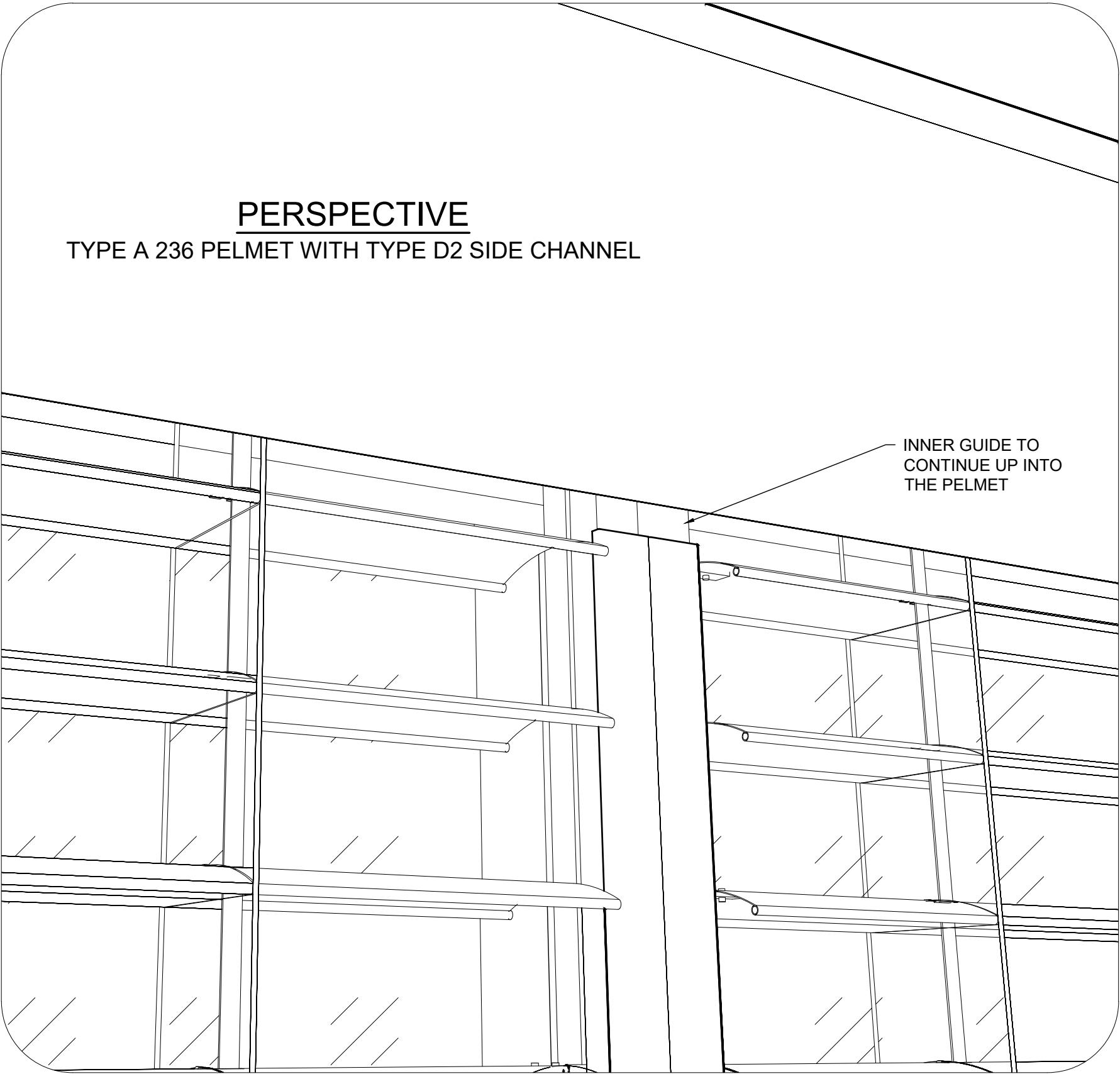
NOTES

- 54mm WIDE WITH A 98mm PROJECTION
- FIXING OPTIONS AVAILABLE FOR FACE FIT OR RECESS APPLICATIONS
- CAPABLE OF LINKING MULTIPLE UNITS SEAMLESSLY
- NO VISIBLE FASTENING OR ANCHORING POINTS
- CAN BE USED IN ev80 AND ev93d INSTALLATIONS

DETAIL A
SCALE 1:1

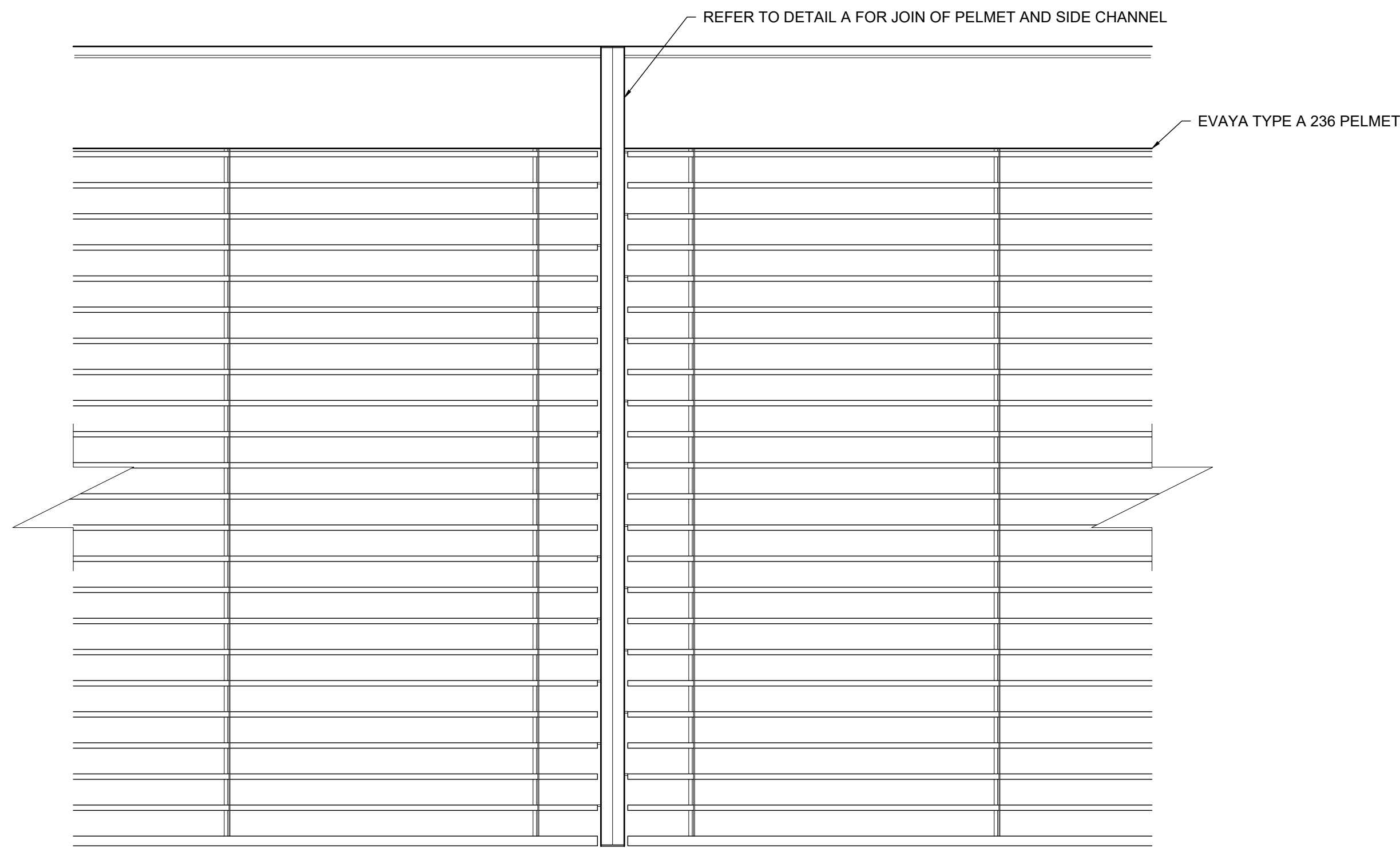


PERSPECTIVE
TYPE A 236 PELMET WITH TYPE D2 SIDE CHANNEL

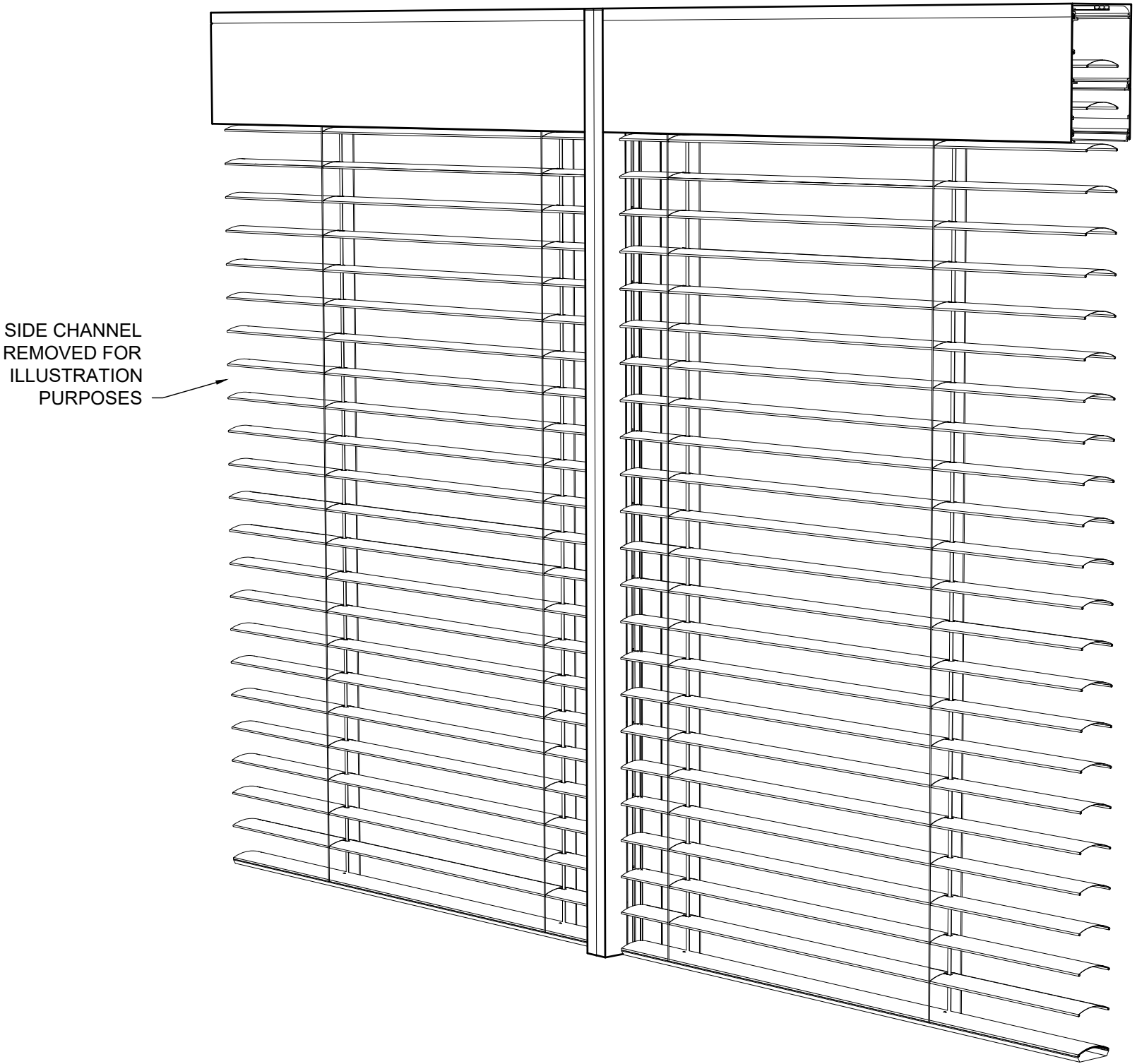


TYPE D2 SIDE CHANNEL
SYSTEM - GUIDE TYPE

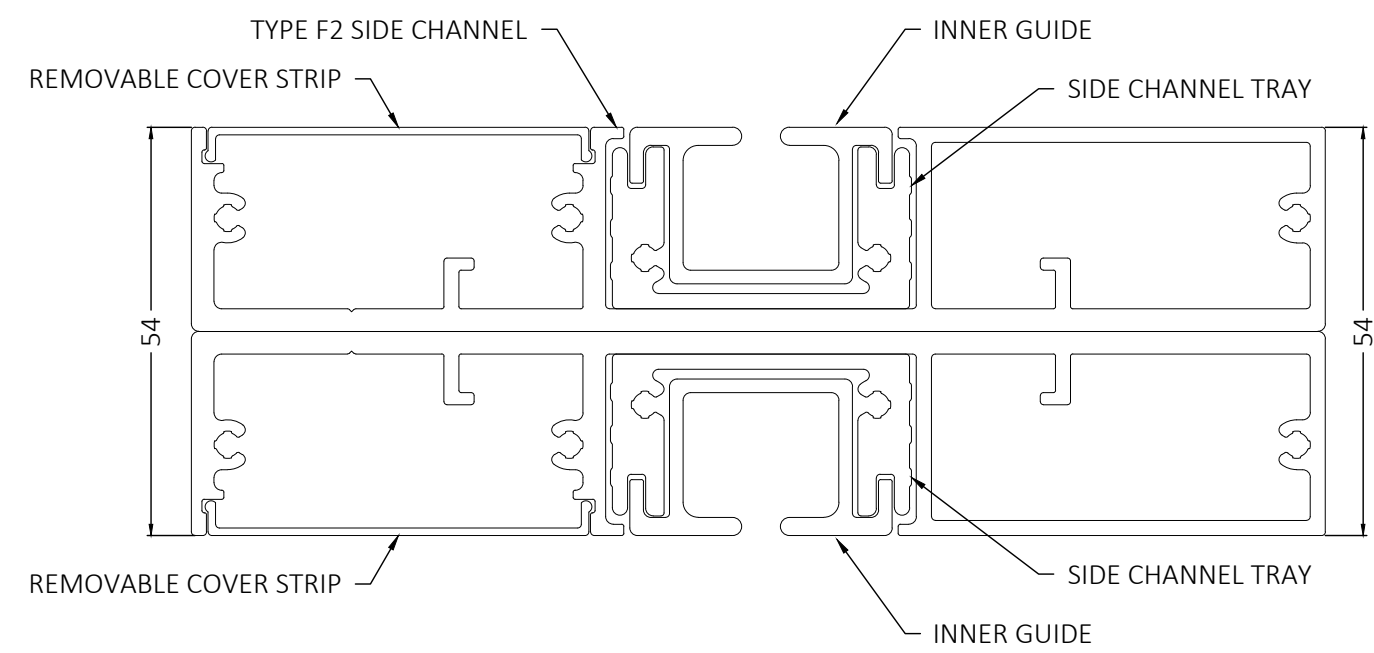
FRONT ELEVATION
TYPE A 236 PELMET WITH TYPE F2 SIDE CHANNELS



PERSPECTIVE
TYPE A 236 PELMET WITH
TYPE F2 SIDE CHANNEL



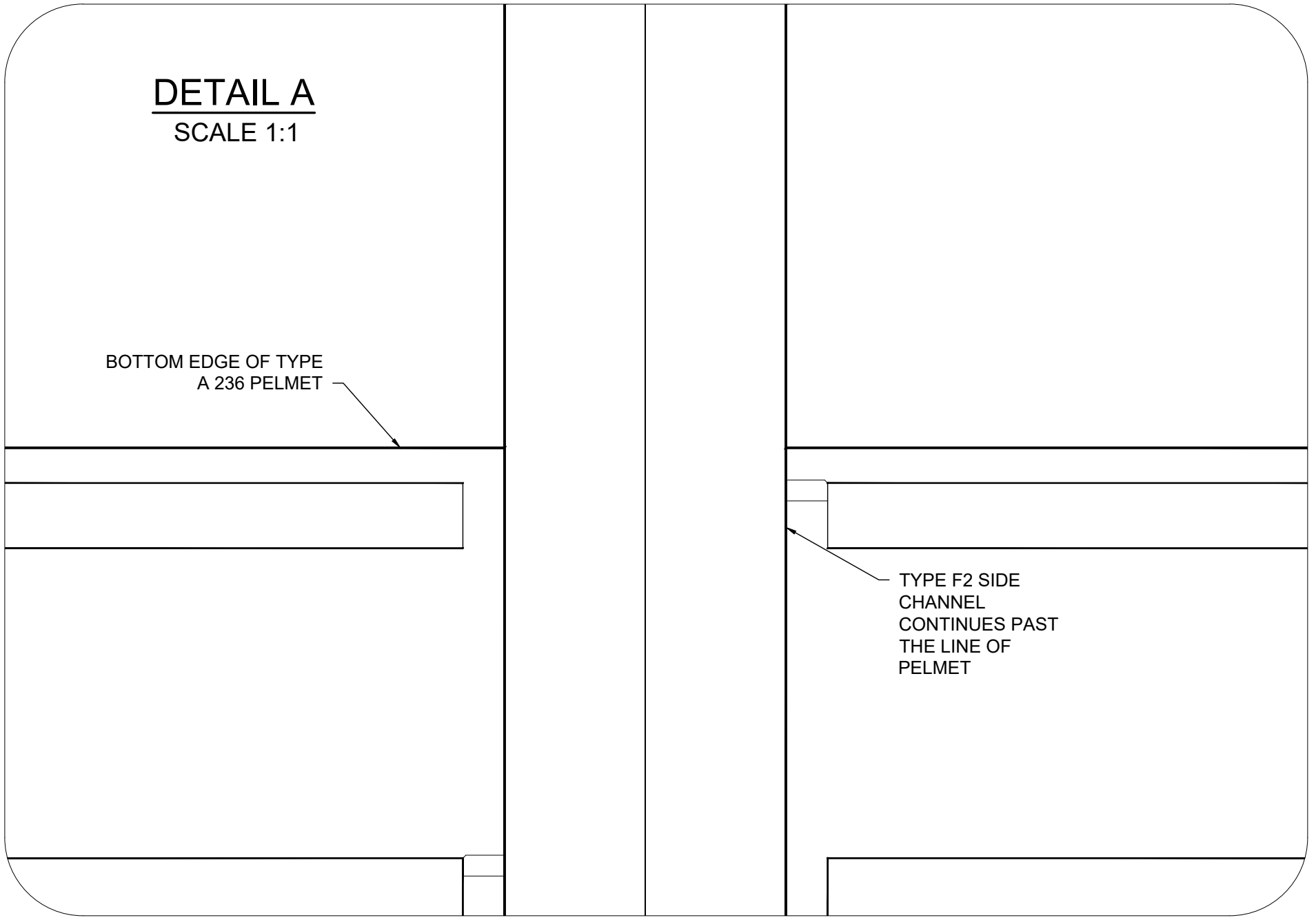
DIMENSIONED PROFILE
SCALE 1:1



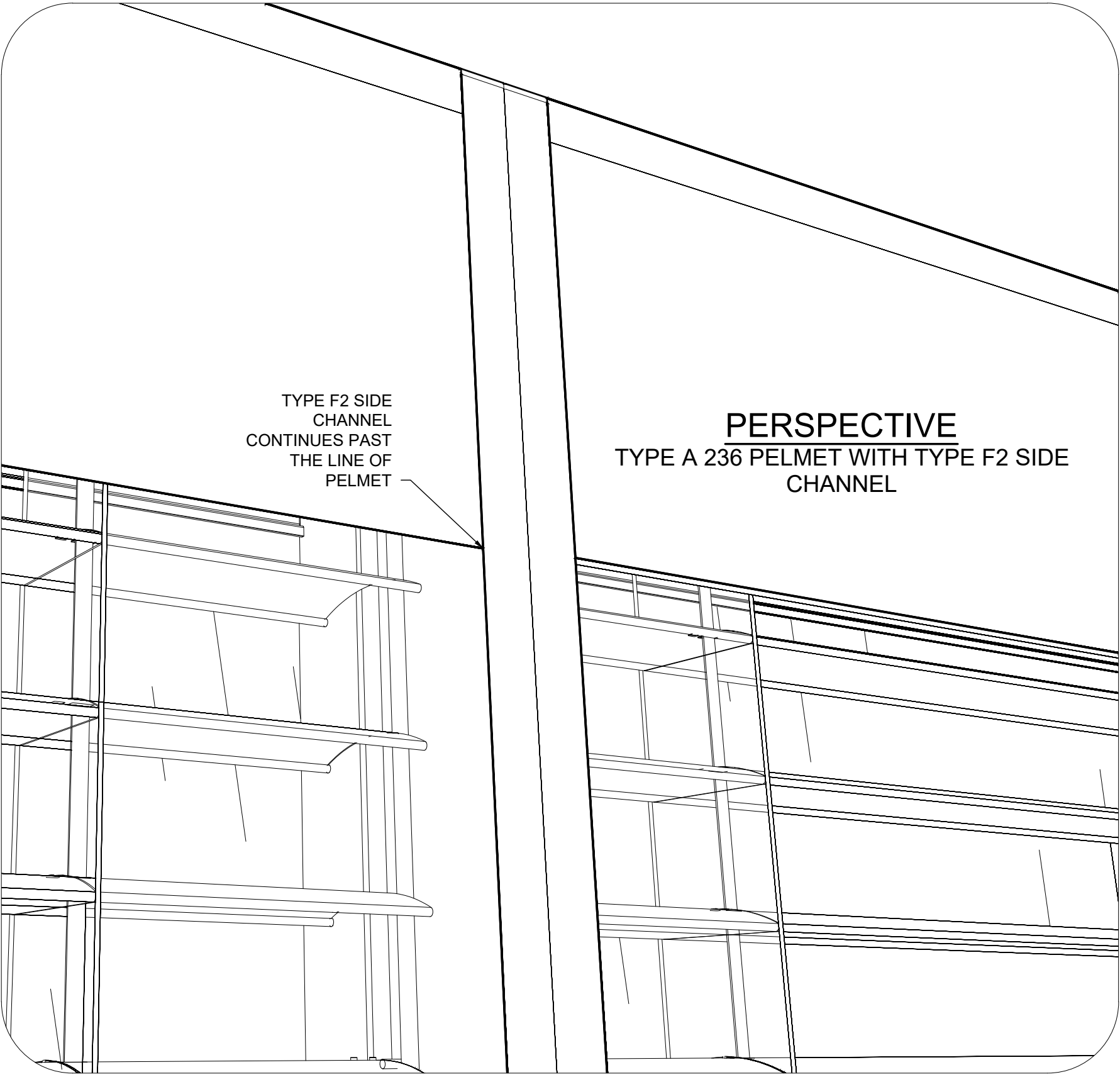
NOTES

- 54mm WIDE WITH A 150mm PROJECTION
- FIXING OPTIONS AVAILABLE FOR FACE FIT AND RECESS APPLICATIONS
- CAPABLE OF LINKING MULTIPLE UNITS SEAMLESSLY
- NO VISIBLE FASTENING OR ANCHORING POINTS
- CAN BE USED IN ev80 AND ev93d INSTALLATIONS

DETAIL A
SCALE 1:1

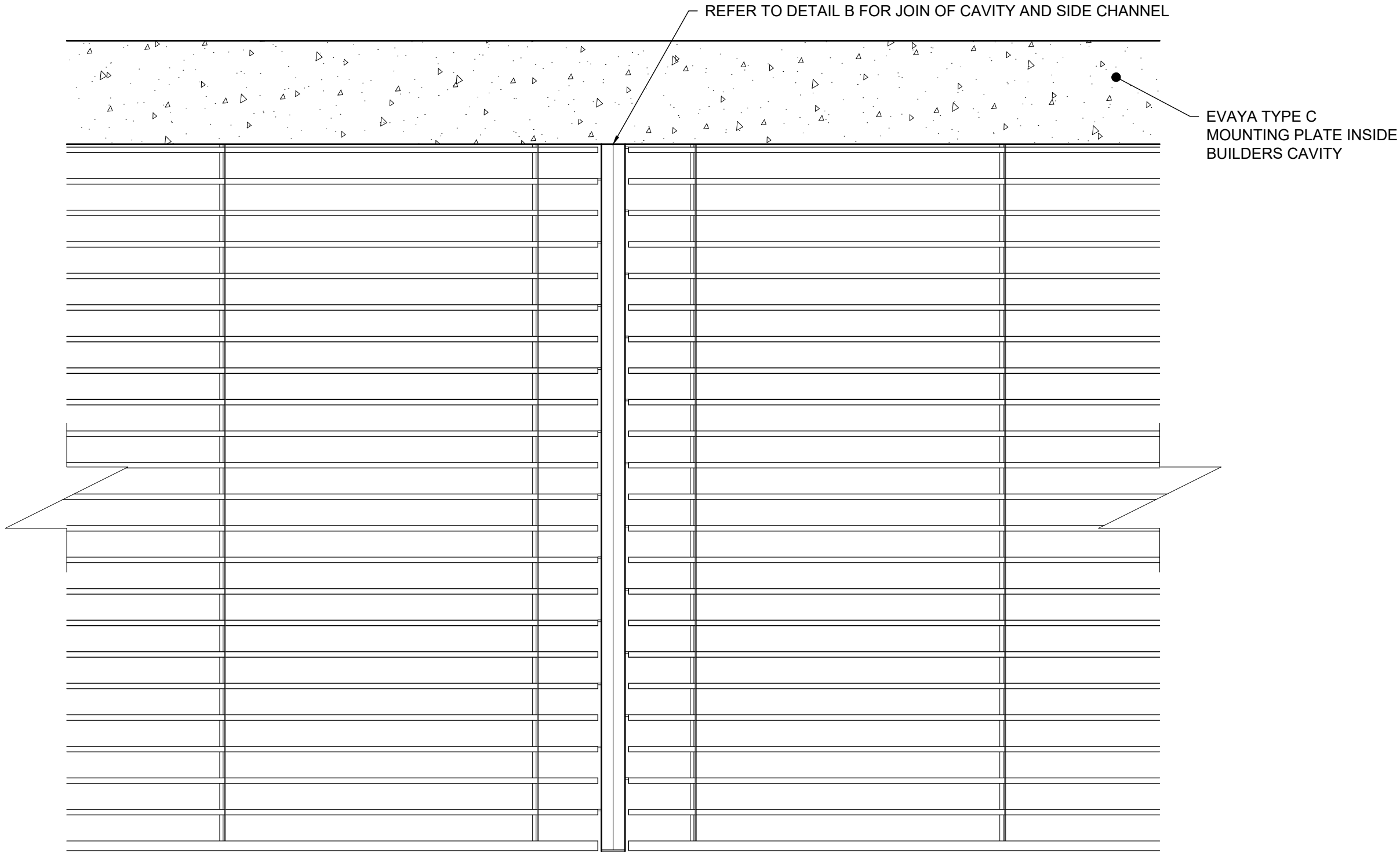


PERSPECTIVE
TYPE A 236 PELMET WITH TYPE F2 SIDE
CHANNEL

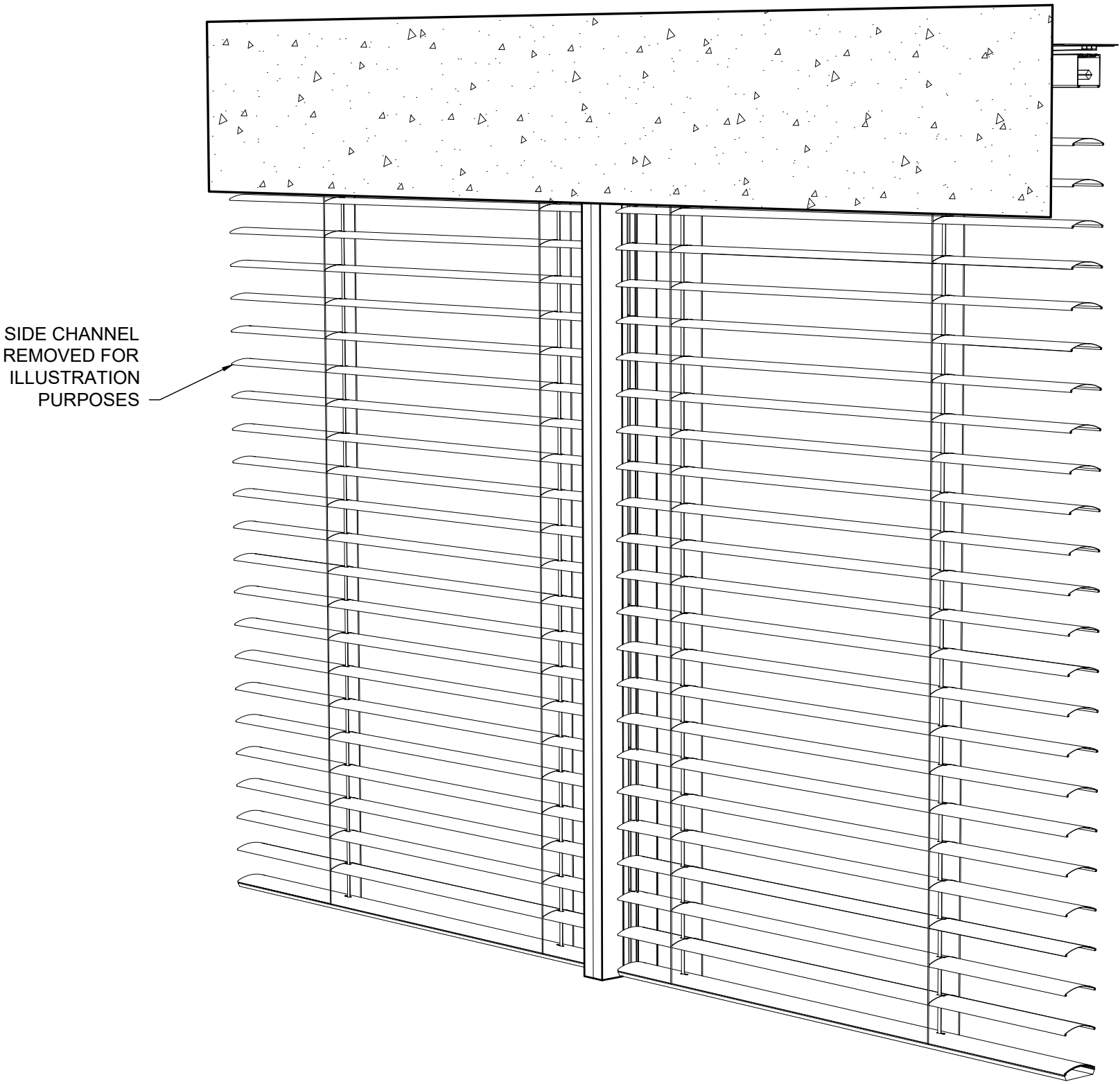


TYPE F2 SIDE CHANNEL
SYSTEM - GUIDE TYPE

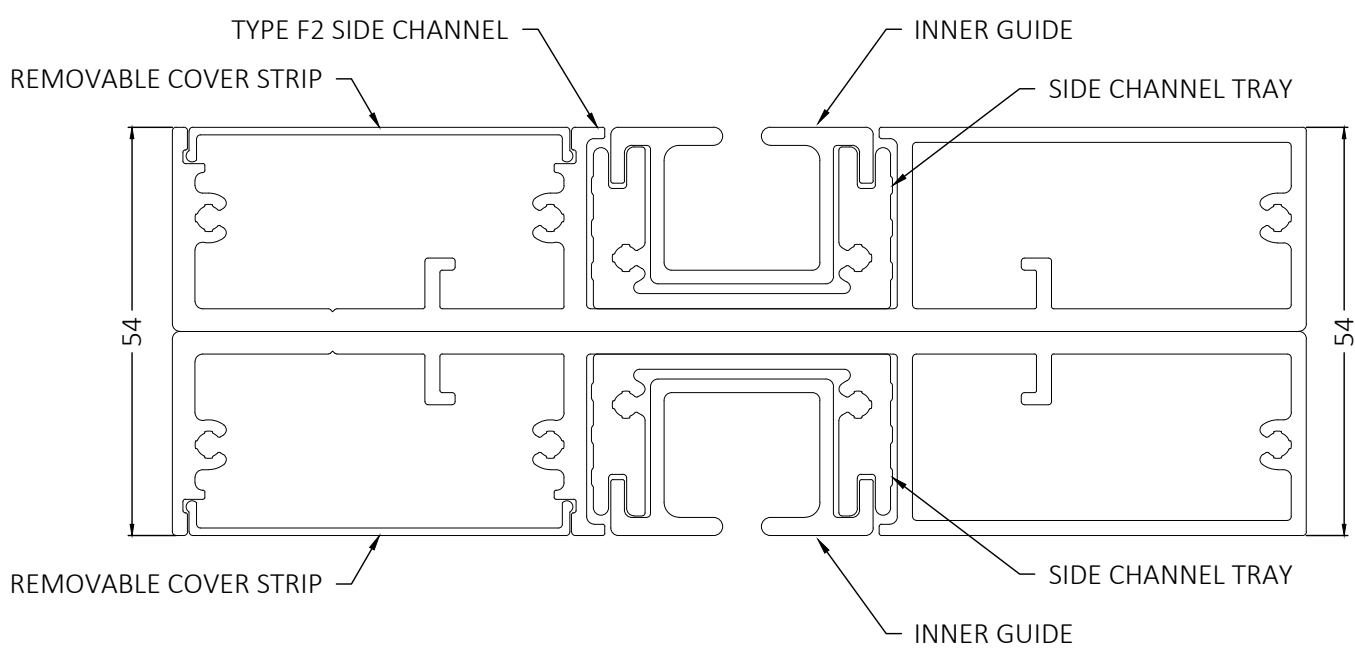
FRONT ELEVATION
TYPE C MOUNTING PLATE IN A PRE BUILT CAVITY
WITH TYPE F2 SIDE CHANNELS



PERSPECTIVE
TYPE C MOUNTING PLATE WITH
TYPE F2 SIDE CHANNEL



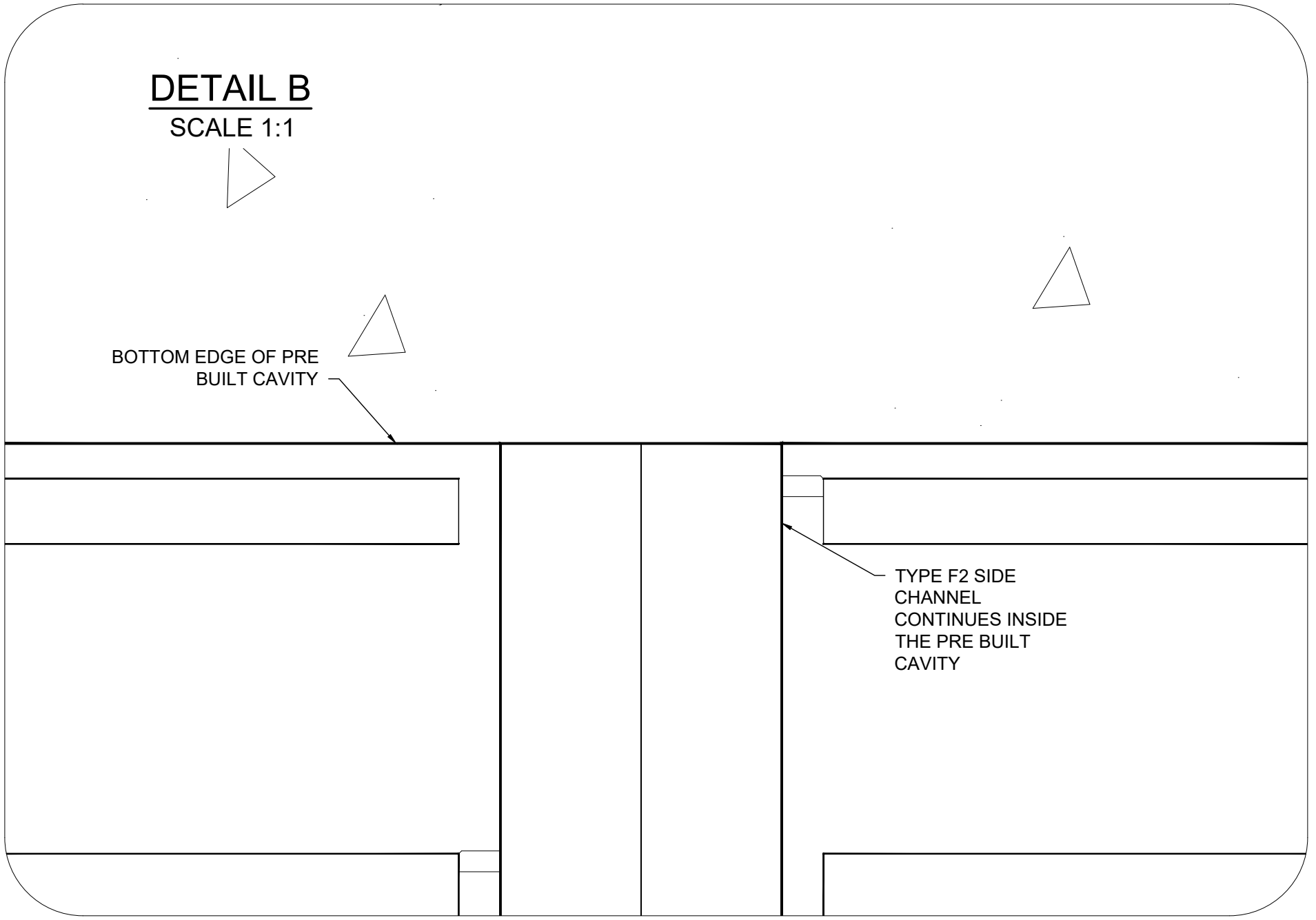
DIMENSIONED PROFILE
SCALE 1:1



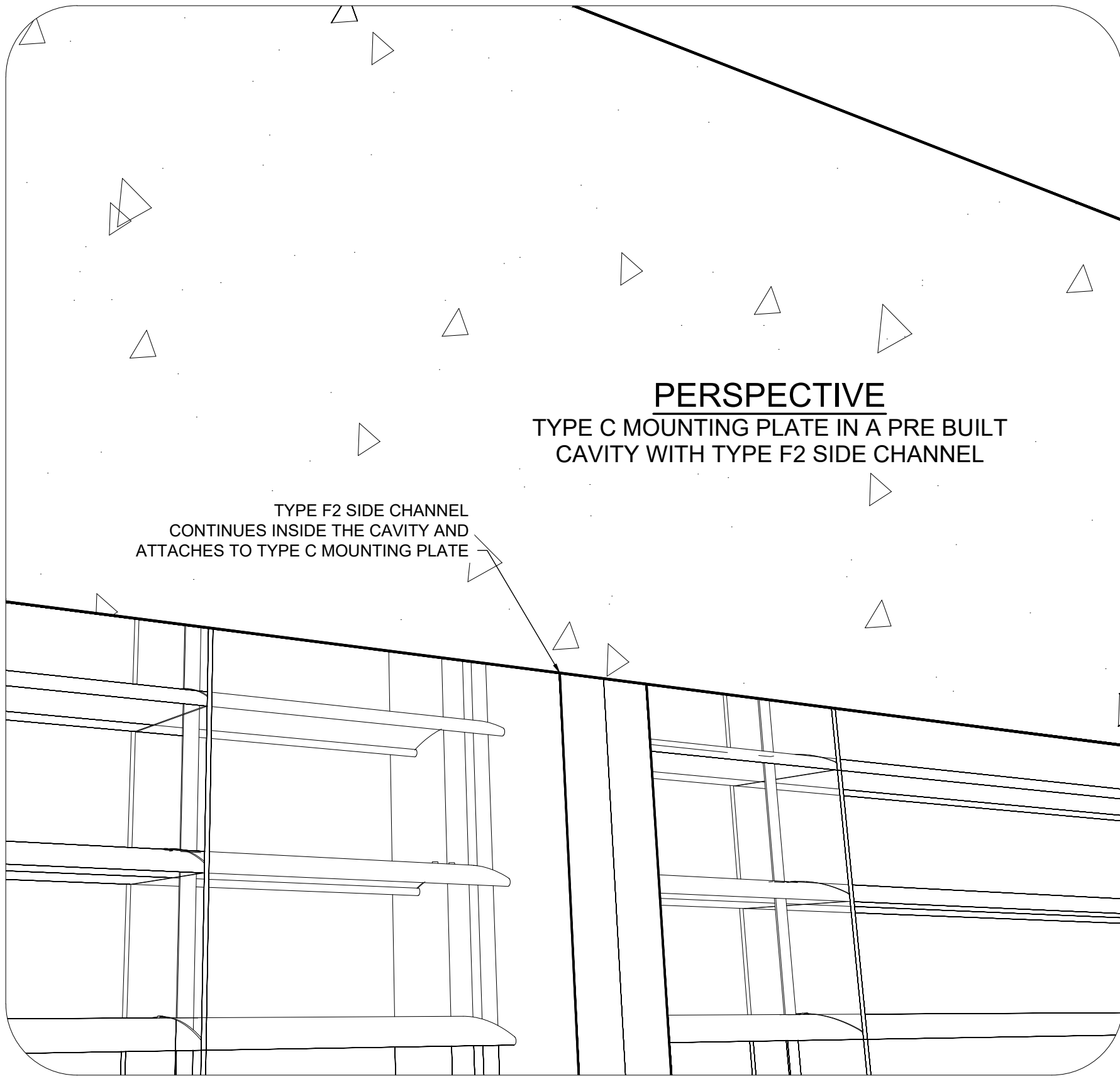
NOTES

- 54mm WIDE WITH A 150mm PROJECTION
- FIXING OPTIONS AVAILABLE FOR FACE FIT AND RECESS APPLICATIONS
- CAPABLE OF LINKING MULTIPLE UNITS SEAMLESSLY
- NO VISIBLE FASTENING OR ANCHORING POINTS
- CAN BE USED IN ev80 AND ev93d INSTALLATIONS

DETAIL B
SCALE 1:1

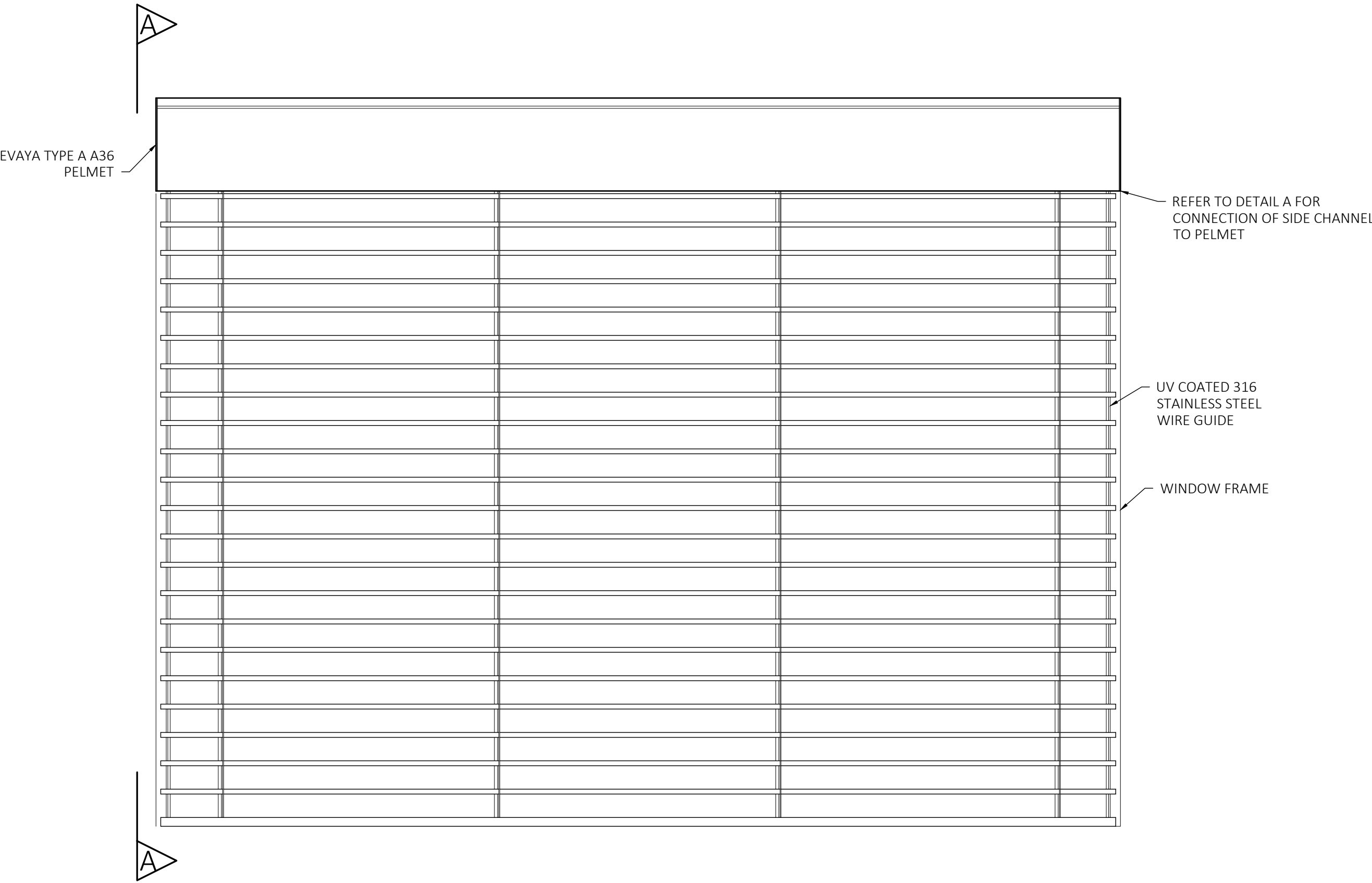


PERSPECTIVE
TYPE C MOUNTING PLATE IN A PRE BUILT
CAVITY WITH TYPE F2 SIDE CHANNEL

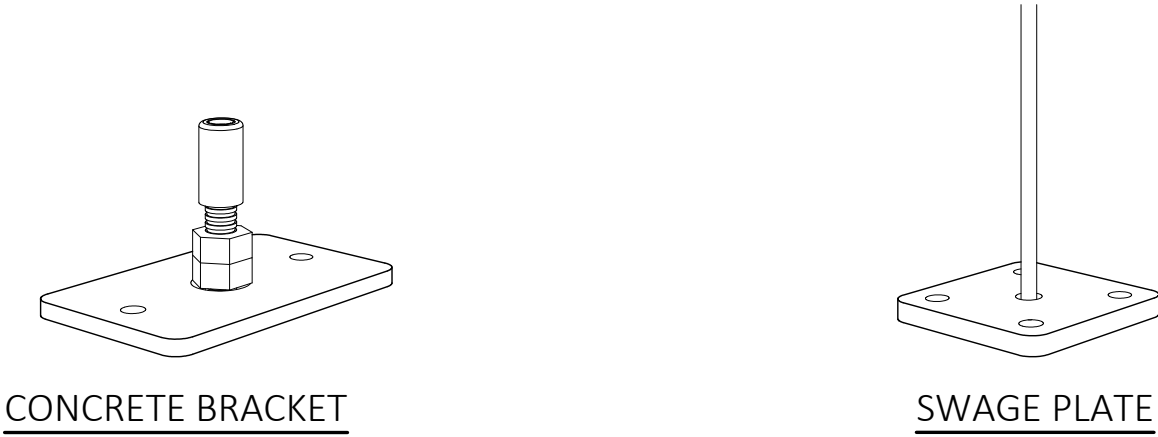
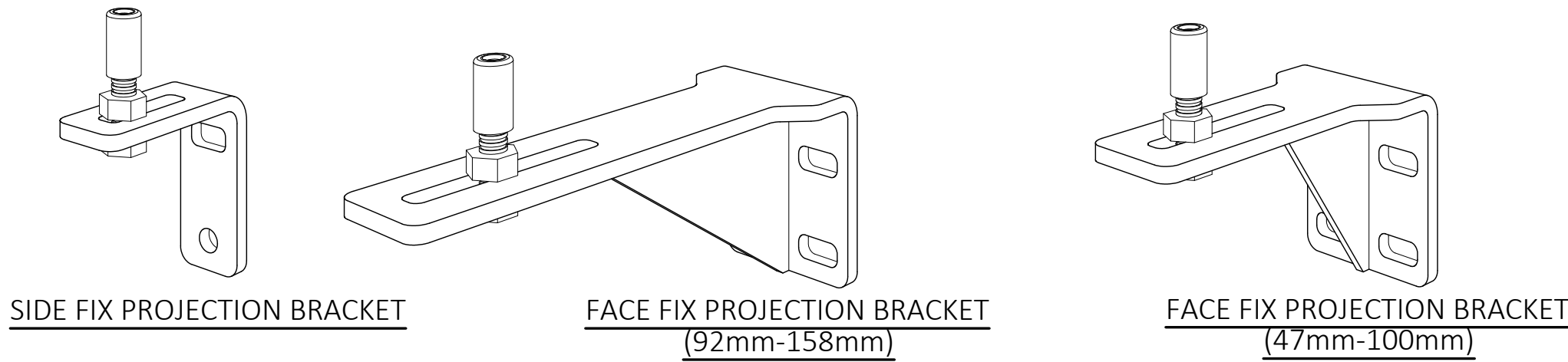
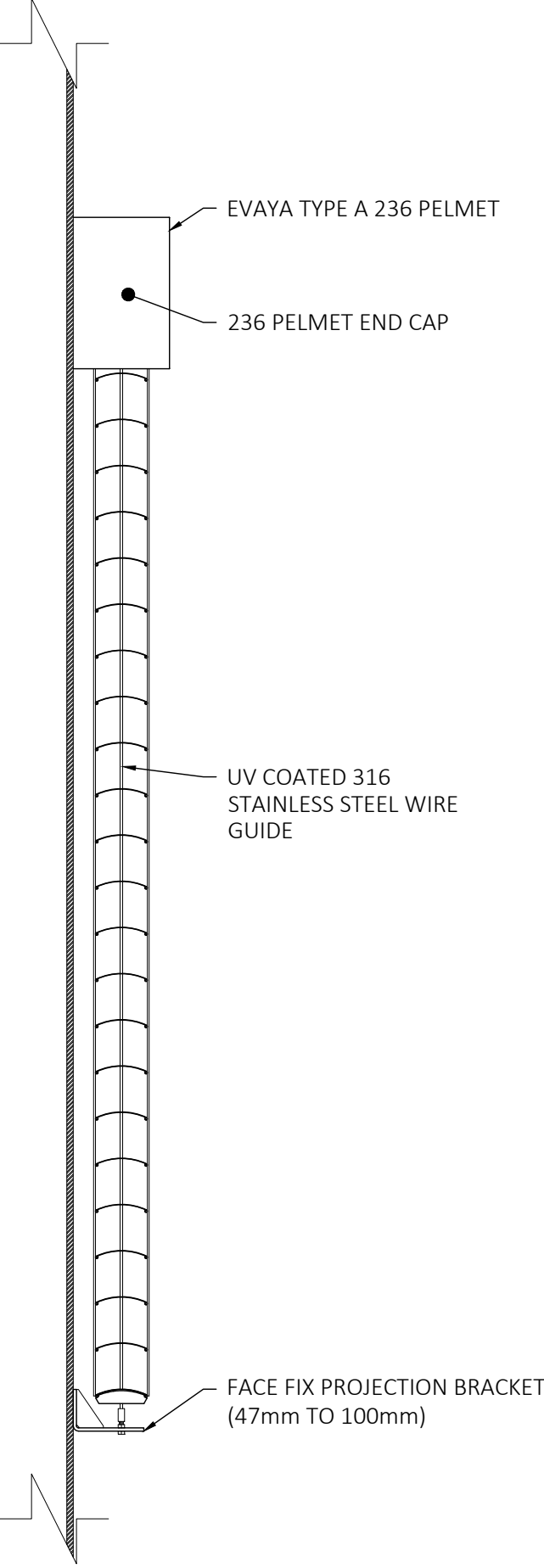


TYPE F2 SIDE CHANNEL
SYSTEM - GUIDE TYPE

FRONT ELEVATION
TYPE A 236 PELMET WITH WIRE GUIDES

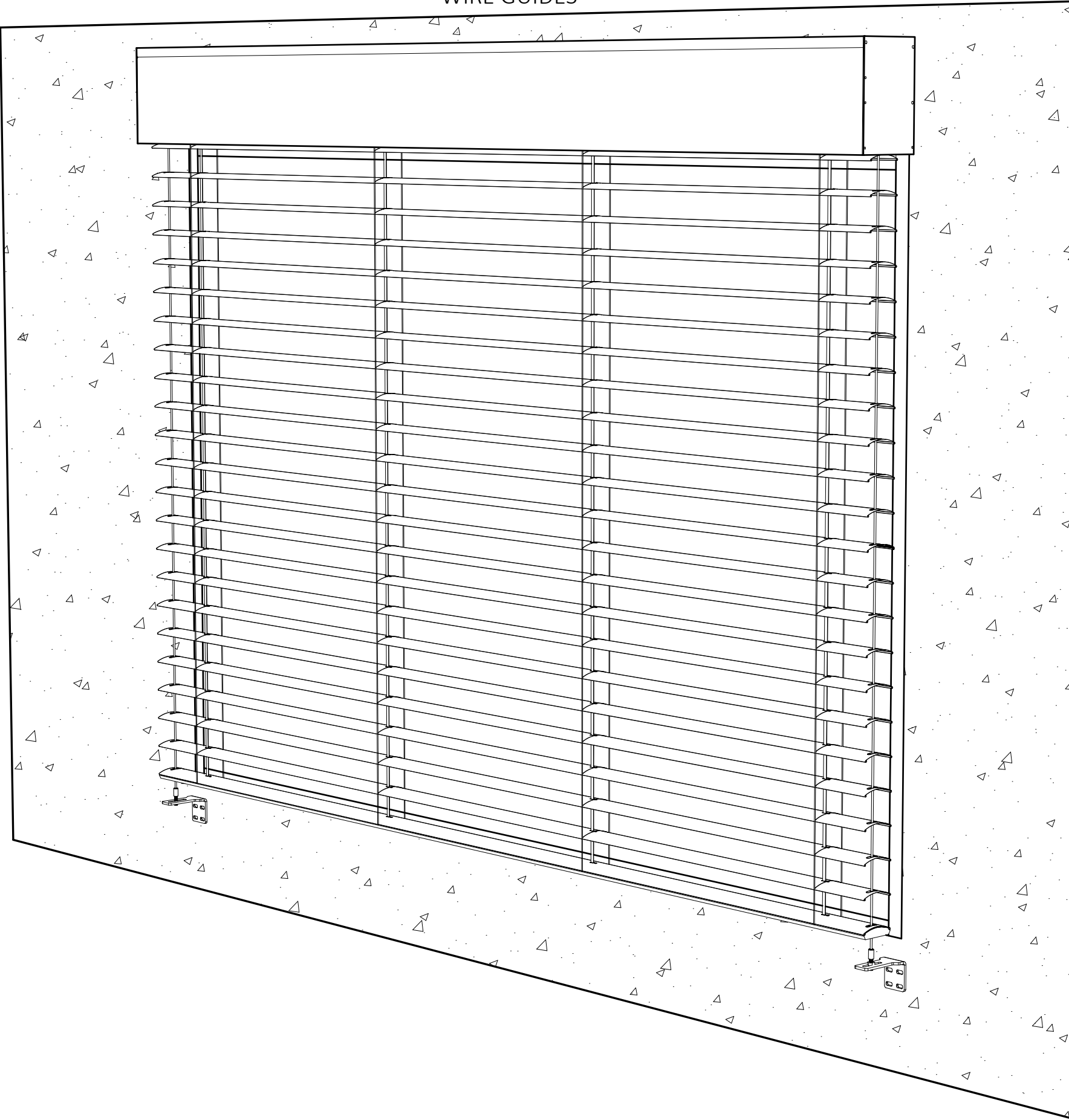


SECTION A-A

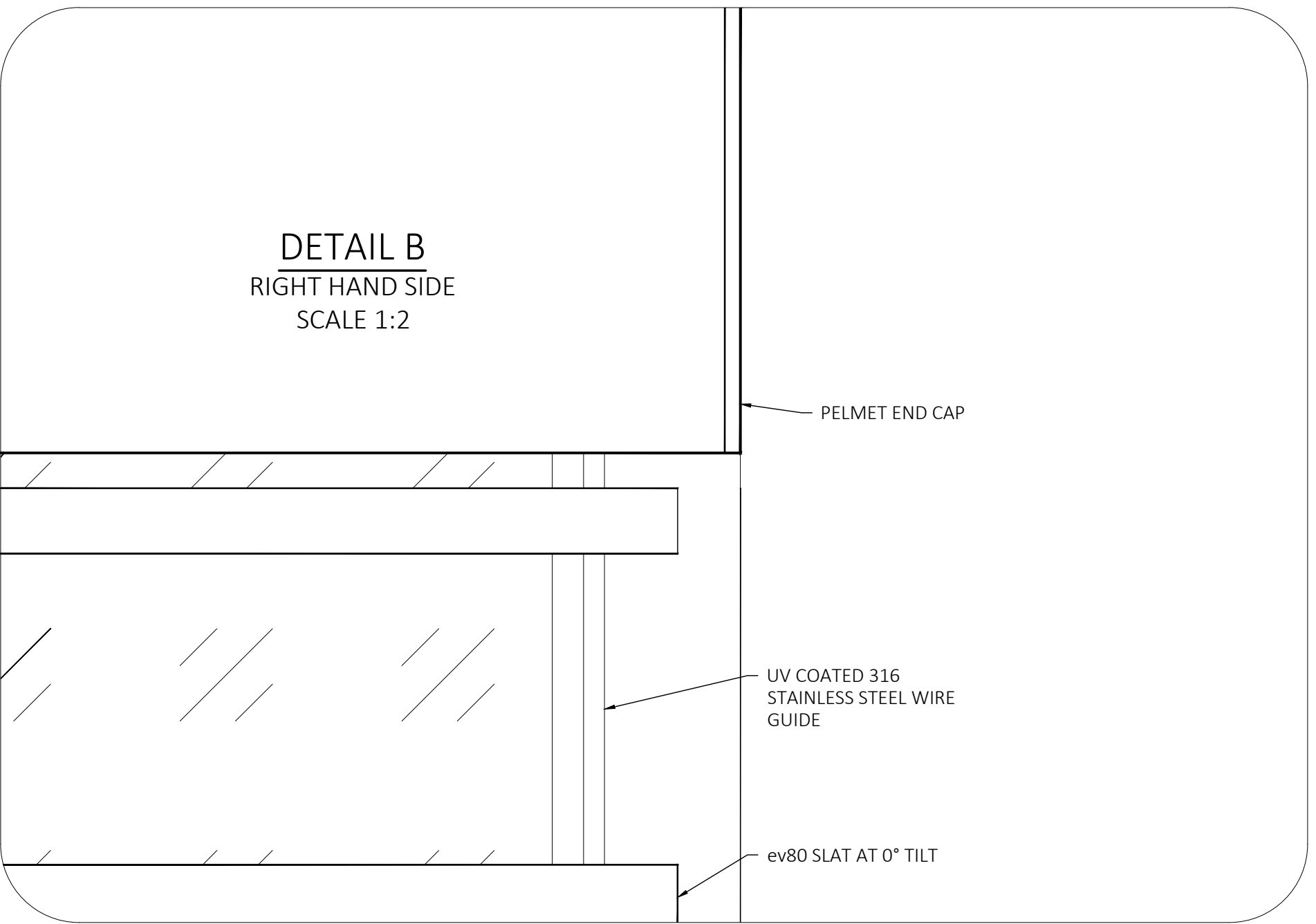


WIRE GUIDE FIXINGS

PERSPECTIVE
TYPE A 236 PELMET WITH WIRE GUIDES



DETAIL B
RIGHT HAND SIDE
SCALE 1:2



NOTES

- CAN ONLY BE USED IN ev80 INSTALLATIONS
- COMPATIBLE WITH ALL WIRE GUIDE FIXINGS SEEN ABOVE

WIRE GUIDE

SYSTEM - GUIDE TYPE

SCALE 1:10 @ A1	DRAWING NO. evSYSTEM-02-09.A	SHEET 41 of 60
BY SK	DATE JUN '26	CLIENT
CHECKED DW	DATE JUN '26	ADDRESS

WHEN REMOTE CONTROL TECHNOLOGY IS UTILISED, THE BLINDS CAN BE PARALLEL WIRED. EACH UNIT REQUIRES A THREE CORE 240 V (ACTIVE, NEUTRAL AND EARTH) FEED WHICH MUST THEN BE CONNECTED TO THE SUPPLIED EVAYA (HIRSCHMANN) PROPRIETARY PLUG AND TAIL. THIS CABLE PLUGS DIRECTLY INTO THE MOTOR OF THE BLIND WHEN INSTALLED.

RS 485
BY USING AN RS485 TRANSMITTER THE INSTALLATION CAN BE
CONFIGURED TO OPERATE WITHIN A BUILDING AUTOMATION
SYSTEM.

WIND SENSOR
THE EOLIS SENSOR IS DESIGNED TO PROTECT THE EV80 SYSTEMS AGAINST HIGH WIND DAMAGE. THE REMOTE CONTROL TECHNOLOGY REQUIRES 240V POWER SUPPLY ONLY AS COMMUNICATION WITH SHADING SYSTEMS OCCURS WIRELESSLY. SEE MOUNTING OPTIONS.

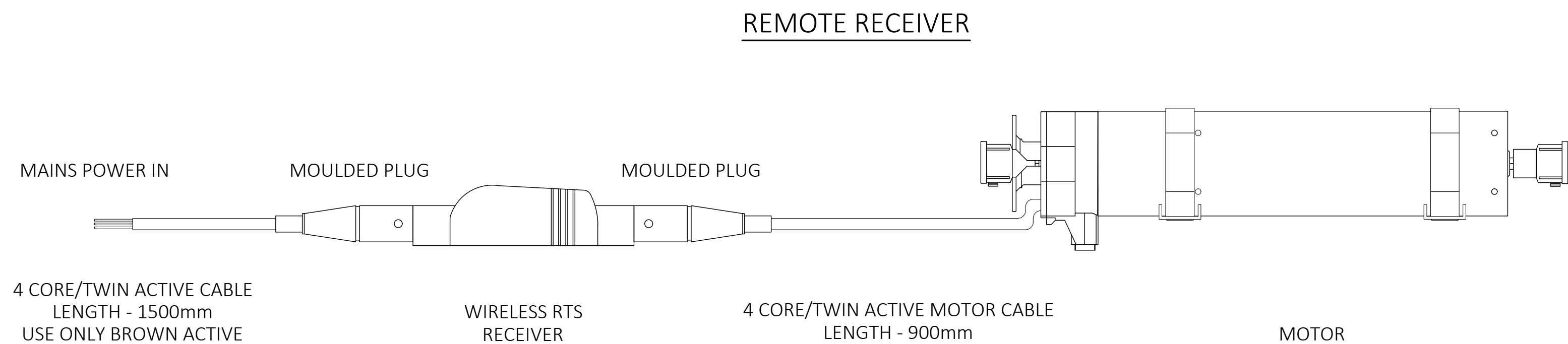
POWER TO THE BLINDS MUST NOT BE WIRED IN PARALLEL.
IRREPARABLE DAMAGE TO THE MOTOR AND OR INSTALLATION
WILL OCCUR. EACH BLIND REQUIRES IT'S OWN DEDICATED FOUR
CORE 240 V (2 X ACTIVE, NEUTRAL AND EARTH) FEED WHICH MUST
THEN BE CONNECTED TO THE SUPPLIED EVAYA (HIRSCHMANN)
PROPRIETARY PLUG AND TAIL. THIS CABLE PLUGS DIRECTLY INTO
THE MOTOR OF THE BLIND WHEN INSTALLED.

WIND SENSOR

THE EOLIS WT (WIRED TECHNOLOGY) UNIT IS A SENSOR DESIGNED FOR BUILDING MANAGEMENT SYSTEM INTEGRATION. THE WT SENSOR IS A WIRED SENSOR CONNECTED TO A CONTROL UNIT WITHIN A CENTRAL SWITCH BOARD HUB. WIRING DIAGRAMS AVAILABLE ON REQUEST. SEE MOUNTING OPTIONS

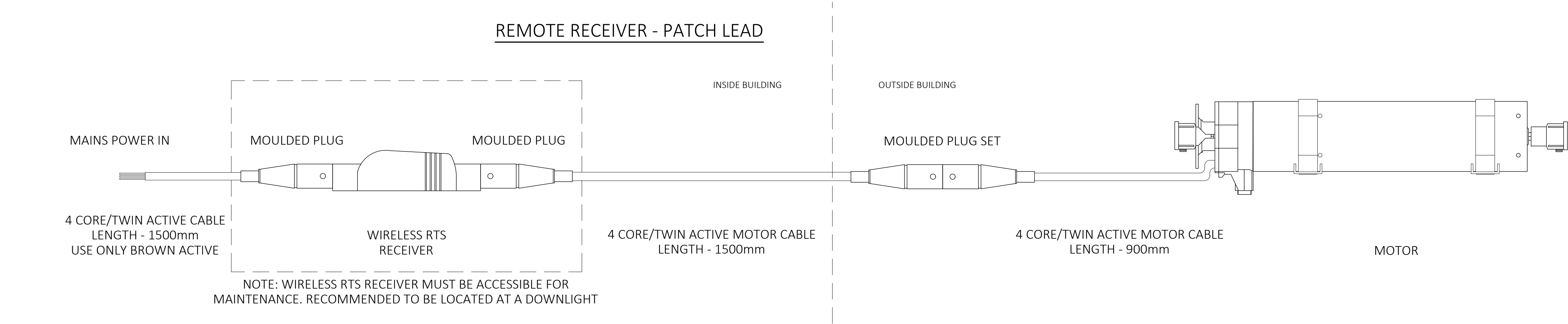
THE WIND THRESHOLD CAN BE ADJUSTED BY THE POTENTIOMETER TO ACCOMMODATE VARYING WIND SPEEDS. WHEN THE WIND SPEED EXCEEDS THE THRESHOLD SET AN UP ORDER IS GIVEN TO THE SHADING SYSTEMS. AS LONG AS THE MEASURED WIND SPEED REMAINS HIGHER THAN THE ADJUSTED THRESHOLD, ANY COMMANDS TO LOWER, RAISE OR TILT THE SHADING SYSTEMS ARE INHIBITED. WHEN THE WIND SPEED FALLS BELOW THE THRESHOLD SETTING, AN ORDER OR COMMAND CAN BE GIVEN. WHEN SPECIFIED, PROVISION FOR THE INSTALLATION AND CORRECT WIRING OF AN EOLIS SENSOR MUST BE PROVIDED FOR BY THE BUILDER. THIS INCLUDES THE RUNNING OF 240V POWER AND ANY ROOF PENETRATIONS.

- THE WIND THRESHOLD CAN BE ADJUSTED TO ACCOMMODATE A WIND SPEED WITHIN A MINIMUM OF 5 KMH TO A MAXIMUM OF 80KMH
- POWER SUPPLY TO SOLIRIS IB - 240V
- WIRING FROM SOLIRIS IB TO EOLIS SENSOR - 0.75mm PAIR. NO VOLTAGE CARRIED
- TWO TERMINAL SCREWS INSIDE SENSOR



SYSTEM - ELECTRICAL

SCALE	DRAWING NO evSYSTEM-04-01.A	SHEET 42 of 60
BY SK	DATE JUN '26	CLIENT
CHECKED DW	DATE JUN '26	ADDRESS



REMOTE CONTROL OPERATION

WHEN REMOTE CONTROL TECHNOLOGY IS UTILISED, THE BLINDS CAN BE PARALLEL WIRED. EACH UNIT REQUIRES A THREE CORE 240 V (ACTIVE, NEUTRAL AND EARTH) FEED WHICH MUST THEN BE CONNECTED TO THE SUPPLIED EVAYA (HIRSCHMANN) PROPRIETARY PLUG AND TAIL. THIS CABLE PLUGS DIRECTLY INTO THE MOTOR OF THE BLIND WHEN INSTALLED.

CONNECTING EVAYA TAIL WITH TPS
ACTIVE - BROWN
NEUTRAL - BLUE
EARTH - GREEN
BLACK - NOT REQUIRED IN REMOTE CONTROL

RS 485
BY USING AN RS485 TRANSMITTER THE INSTALLATION CAN BE CONFIGURED TO OPERATE WITHIN A BUILDING AUTOMATION SYSTEM.

WIND SENSOR
THE EOLIS SENSOR IS DESIGNED TO PROTECT THE EV80 SYSTEMS AGAINST HIGH WIND DAMAGE. THE REMOTE CONTROL TECHNOLOGY REQUIRES 240V POWER SUPPLY ONLY AS COMMUNICATION WITH SHADING SYSTEMS OCCURS WIRELESSLY. SEE MOUNTING OPTIONS.

SWITCH CONTROL OPERATION

POWER TO THE BLINDS MUST NOT BE WIRED IN PARALLEL. IRREPARABLE DAMAGE TO THE MOTOR AND OR INSTALLATION WILL OCCUR. EACH BLIND REQUIRES IT'S OWN DEDICATED FOUR CORE 240 V (2 X ACTIVE, NEUTRAL AND EARTH) FEED WHICH MUST THEN BE CONNECTED TO THE SUPPLIED EVAYA (HIRSCHMANN) PROPRIETARY PLUG AND TAIL. THIS CABLE PLUGS DIRECTLY INTO THE MOTOR OF THE BLIND WHEN INSTALLED.

CONNECTING EVAYA TAIL WITH TPS
ACTIVE - BROWN AND BLACK
NEUTRAL - BLUE
EARTH - GREEN

WIND SENSOR
THE EOLIS WT (WIRED TECHNOLOGY) UNIT IS A SENSOR DESIGNED FOR BUILDING MANAGEMENT SYSTEM INTEGRATION. THE WT SENSOR IS A WIRED SENSOR CONNECTED TO A CONTROL UNIT WITHIN A CENTRAL SWITCH BOARD HUB. WIRING DIAGRAMS AVAILABLE ON REQUEST. SEE MOUNTING OPTIONS

WIND SENSOR - OPERATION & MOUNTING

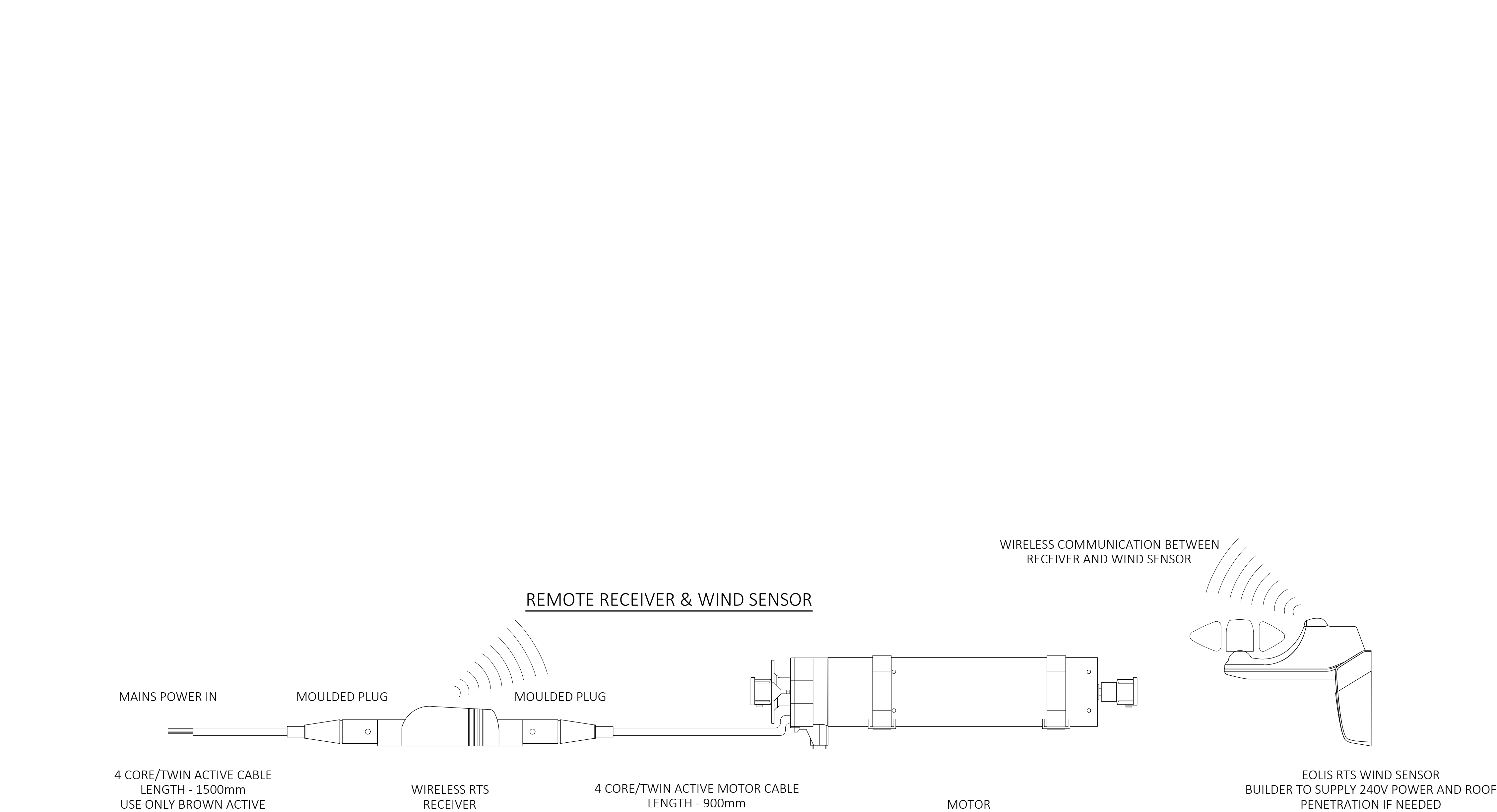
THE WIND THRESHOLD CAN BE ADJUSTED BY THE POTENTIOMETER TO ACCOMMODATE VARYING WIND SPEEDS. WHEN THE WIND SPEED EXCEEDS THE THRESHOLD SET AN UP ORDER IS GIVEN TO THE SHADING SYSTEMS. AS LONG AS THE MEASURED WIND SPEED REMAINS HIGHER THAN THE ADJUSTED THRESHOLD, ANY COMMANDS TO LOWER, RAISE OR TILT THE SHADING SYSTEMS ARE INHIBITED. WHEN THE WIND SPEED FALLS BELOW THE THRESHOLD SETTING, AN ORDER OR COMMAND CAN BE GIVEN. WHEN SPECIFIED, PROVISION FOR THE INSTALLATION AND CORRECT WIRING OF AN EOLIS SENSOR MUST BE PROVIDED FOR BY THE BUILDER. THIS INCLUDES THE RUNNING OF 240V POWER AND ANY ROOF PENETRATIONS.

- EOLIS RTS - PRODUCT DATA
- THE WIND THRESHOLD CAN BE ADJUSTED TO ACCOMMODATE A WIND SPEED WITHIN A MINIMUM OF 10 KMH TO A MAXIMUM OF 50 KMH.
 - POWER SUPPLY - 240V
 - PHASE AND NEUTRAL
 - TWO TERMINAL SCREWS INSIDE SENSOR. NO POLARITY.

- EOLIS WITH SOLIRIS IB BUILDING AUTOMATION - PRODUCT DATA
- THE WIND THRESHOLD CAN BE ADJUSTED TO ACCOMMODATE A WIND SPEED WITHIN A MINIMUM OF 5 KMH TO A MAXIMUM OF 80KMH
 - POWER SUPPLY TO SOLIRIS IB - 240V
 - WIRING FROM SOLIRIS IB TO EOLIS SENSOR - 0.75mm PAIR. NO VOLTAGE CARRIED
 - TWO TERMINAL SCREWS INSIDE SENSOR

REMOTE RECEIVER & PATCH LEAD SYSTEM - ELECTRICAL

SCALE	DRAWING NO. evSYSTEM-04-02.A	SHEET 43 of 60
BY SK	DATE JUN '26	CLIENT
CHECKED DW	DATE JUN '26	ADDRESS



REMOTE CONTROL OPERATION

WHEN REMOTE CONTROL TECHNOLOGY IS UTILISED, THE BLINDS CAN BE PARALLEL WIRED. EACH UNIT REQUIRES A THREE CORE 240 V (ACTIVE, NEUTRAL AND EARTH) FEED WHICH MUST THEN BE CONNECTED TO THE SUPPLIED EVAYA (HIRSCHMANN) PROPRIETARY PLUG AND TAIL. THIS CABLE PLUGS DIRECTLY INTO THE MOTOR OF THE BLIND WHEN INSTALLED.

CONNECTING EVAYA TAIL WITH TPS
ACTIVE - BROWN
NEUTRAL - BLUE
EARTH - GREEN
BLACK - NOT REQUIRED IN REMOTE CONTROL

RS 485
BY USING AN RS485 TRANSMITTER THE INSTALLATION CAN BE CONFIGURED TO OPERATE WITHIN A BUILDING AUTOMATION SYSTEM.

WIND SENSOR
THE EOLIS SENSOR IS DESIGNED TO PROTECT THE EV80 SYSTEMS AGAINST HIGH WIND DAMAGE. THE REMOTE CONTROL TECHNOLOGY REQUIRES 240V POWER SUPPLY ONLY AS COMMUNICATION WITH SHADING SYSTEMS OCCURS WIRELESSLY. SEE MOUNTING OPTIONS.

SWITCH CONTROL OPERATION

POWER TO THE BLINDS MUST NOT BE WIRED IN PARALLEL. IRREPARABLE DAMAGE TO THE MOTOR AND OR INSTALLATION WILL OCCUR. EACH BLIND REQUIRES IT'S OWN DEDICATED FOUR CORE 240 V (2 X ACTIVE, NEUTRAL AND EARTH) FEED WHICH MUST THEN BE CONNECTED TO THE SUPPLIED EVAYA (HIRSCHMANN) PROPRIETARY PLUG AND TAIL. THIS CABLE PLUGS DIRECTLY INTO THE MOTOR OF THE BLIND WHEN INSTALLED.

CONNECTING EVAYA TAIL WITH TPS
ACTIVE - BROWN AND BLACK
NEUTRAL - BLUE
EARTH - GREEN

WIND SENSOR
THE EOLIS WT (WIRED TECHNOLOGY) UNIT IS A SENSOR DESIGNED FOR BUILDING MANAGEMENT SYSTEM INTEGRATION. THE WT SENSOR IS A WIRED SENSOR CONNECTED TO A CONTROL UNIT WITHIN A CENTRAL SWITCH BOARD HUB. WIRING DIAGRAMS AVAILABLE ON REQUEST. SEE MOUNTING OPTIONS

WIND SENSOR - OPERATION & MOUNTING

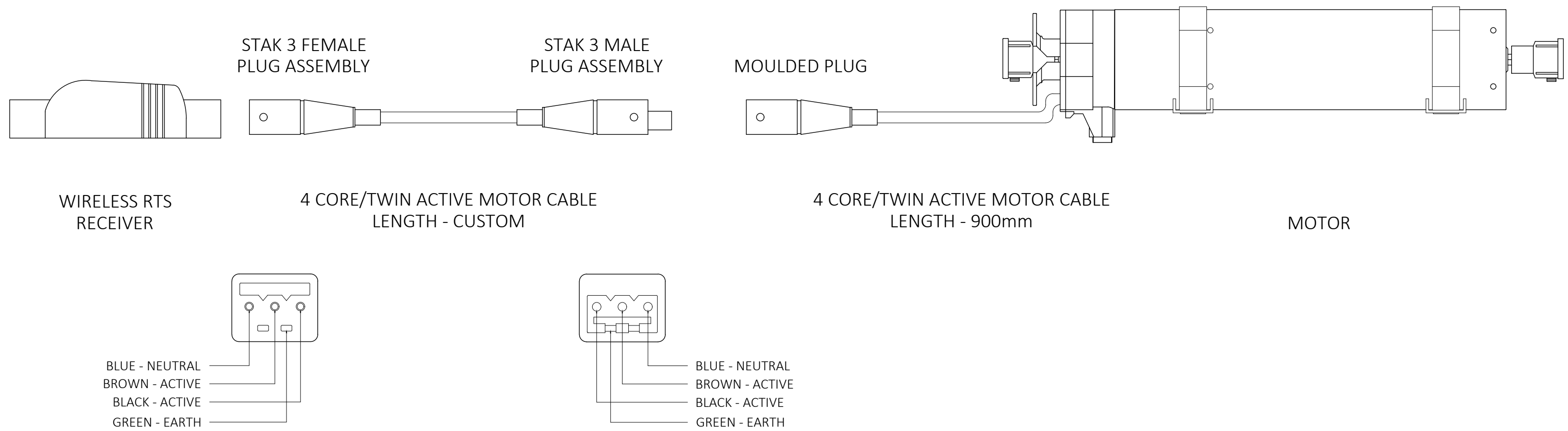
THE WIND THRESHOLD CAN BE ADJUSTED BY THE POTENTIOMETER TO ACCOMMODATE VARYING WIND SPEEDS. WHEN THE WIND SPEED EXCEEDS THE THRESHOLD SET AN UP ORDER IS GIVEN TO THE SHADING SYSTEMS. AS LONG AS THE MEASURED WIND SPEED REMAINS HIGHER THAN THE ADJUSTED THRESHOLD, ANY COMMANDS TO LOWER, RAISE OR TILT THE SHADING SYSTEMS ARE INHIBITED. WHEN THE WIND SPEED FALLS BELOW THE THRESHOLD SETTING, AN ORDER OR COMMAND CAN BE GIVEN. WHEN SPECIFIED, PROVISION FOR THE INSTALLATION AND CORRECT WIRING OF AN EOLIS SENSOR MUST BE PROVIDED FOR BY THE BUILDER. THIS INCLUDES THE RUNNING OF 240V POWER AND ANY ROOF PENETRATIONS.

- EOLIS RTS - PRODUCT DATA
- THE WIND THRESHOLD CAN BE ADJUSTED TO ACCOMMODATE A WIND SPEED WITHIN A MINIMUM OF 10 KMH TO A MAXIMUM OF 50 KMH.
 - POWER SUPPLY - 240V
 - PHASE AND NEUTRAL
 - TWO TERMINAL SCREWS INSIDE SENSOR. NO POLARITY.

- EOLIS WITH SOLIRIS IB BUILDING AUTOMATION - PRODUCT DATA
- THE WIND THRESHOLD CAN BE ADJUSTED TO ACCOMMODATE A WIND SPEED WITHIN A MINIMUM OF 5 KMH TO A MAXIMUM OF 80KMH
 - POWER SUPPLY TO SOLIRIS IB - 240V
 - WIRING FROM SOLIRIS IB TO EOLIS SENSOR - 0.75mm PAIR. NO VOLTAGE CARRIED
 - TWO TERMINAL SCREWS INSIDE SENSOR

REMOTE RECEIVER & WIND SENSOR SYSTEM - ELECTRICAL

WIRING HIRSCHMANN CONNECTORS - CUSTOM LENGTH PATH LEAD



REMOTE CONTROL OPERATION

WHEN REMOTE CONTROL TECHNOLOGY IS UTILISED, THE BLINDS CAN BE PARALLEL WIRED. EACH UNIT REQUIRES A THREE CORE 240 V (ACTIVE, NEUTRAL AND EARTH) FEED WHICH MUST THEN BE CONNECTED TO THE SUPPLIED EVAYA (HIRSCHMANN) PROPRIETARY PLUG AND TAIL. THIS CABLE PLUGS DIRECTLY INTO THE MOTOR OF THE BLIND WHEN INSTALLED.

CONNECTING EVAYA TAIL WITH TPS
ACTIVE - BROWN
NEUTRAL - BLUE
EARTH - GREEN
BLACK - NOT REQUIRED IN REMOTE CONTROL

RS 485
BY USING AN RS485 TRANSMITTER THE INSTALLATION CAN BE CONFIGURED TO OPERATE WITHIN A BUILDING AUTOMATION SYSTEM.

WIND SENSOR
THE EOLIS SENSOR IS DESIGNED TO PROTECT THE EV80 SYSTEMS AGAINST HIGH WIND DAMAGE. THE REMOTE CONTROL TECHNOLOGY REQUIRES 240V POWER SUPPLY ONLY AS COMMUNICATION WITH SHADING SYSTEMS OCCURS WIRELESSLY. SEE MOUNTING OPTIONS.

SWITCH CONTROL OPERATION

POWER TO THE BLINDS MUST NOT BE WIRED IN PARALLEL. IRREPARABLE DAMAGE TO THE MOTOR AND OR INSTALLATION WILL OCCUR. EACH BLIND REQUIRES IT'S OWN DEDICATED FOUR CORE 240 V (2 X ACTIVE, NEUTRAL AND EARTH) FEED WHICH MUST THEN BE CONNECTED TO THE SUPPLIED EVAYA (HIRSCHMANN) PROPRIETARY PLUG AND TAIL. THIS CABLE PLUGS DIRECTLY INTO THE MOTOR OF THE BLIND WHEN INSTALLED.

CONNECTING EVAYA TAIL WITH TPS
ACTIVE - BROWN AND BLACK
NEUTRAL - BLUE
EARTH - GREEN

WIND SENSOR
THE EOLIS WT (WIRED TECHNOLOGY) UNIT IS A SENSOR DESIGNED FOR BUILDING MANAGEMENT SYSTEM INTEGRATION. THE WT SENSOR IS A WIRED SENSOR CONNECTED TO A CONTROL UNIT WITHIN A CENTRAL SWITCH BOARD HUB. WIRING DIAGRAMS AVAILABLE ON REQUEST. SEE MOUNTING OPTIONS

WIND SENSOR - OPERATION & MOUNTING

THE WIND THRESHOLD CAN BE ADJUSTED BY THE POTENTIOMETER TO ACCOMMODATE VARYING WIND SPEEDS. WHEN THE WIND SPEED EXCEEDS THE THRESHOLD SET AN UP ORDER IS GIVEN TO THE SHADING SYSTEMS. AS LONG AS THE MEASURED WIND SPEED REMAINS HIGHER THAN THE ADJUSTED THRESHOLD, ANY COMMANDS TO LOWER, RAISE OR TILT THE SHADING SYSTEMS ARE INHIBITED. WHEN THE WIND SPEED FALLS BELOW THE THRESHOLD SETTING, AN ORDER OR COMMAND CAN BE GIVEN. WHEN SPECIFIED, PROVISION FOR THE INSTALLATION AND CORRECT WIRING OF AN EOLIS SENSOR MUST BE PROVIDED FOR BY THE BUILDER. THIS INCLUDES THE RUNNING OF 240V POWER AND ANY ROOF PENETRATIONS.

- EOLIS RTS - PRODUCT DATA
- THE WIND THRESHOLD CAN BE ADJUSTED TO ACCOMMODATE A WIND SPEED WITHIN A MINIMUM OF 10 KMH TO A MAXIMUM OF 50 KMH.
 - POWER SUPPLY - 240V
 - PHASE AND NEUTRAL
 - TWO TERMINAL SCREWS INSIDE SENSOR. NO POLARITY.

- EOLIS WITH SOLIRIS IB BUILDING AUTOMATION - PRODUCT DATA
- THE WIND THRESHOLD CAN BE ADJUSTED TO ACCOMMODATE A WIND SPEED WITHIN A MINIMUM OF 5 KMH TO A MAXIMUM OF 80KMH
 - POWER SUPPLY TO SOLIRIS IB - 240V
 - WIRING FROM SOLIRIS IB TO EOLIS SENSOR - 0.75mm PAIR. NO VOLTAGE CARRIED
 - TWO TERMINAL SCREWS INSIDE SENSOR

WIRING HIRSCHMANN CONNECTORS
SYSTEM - ELECTRICAL

WIND SENSOR - OPERATION & MOUNTING

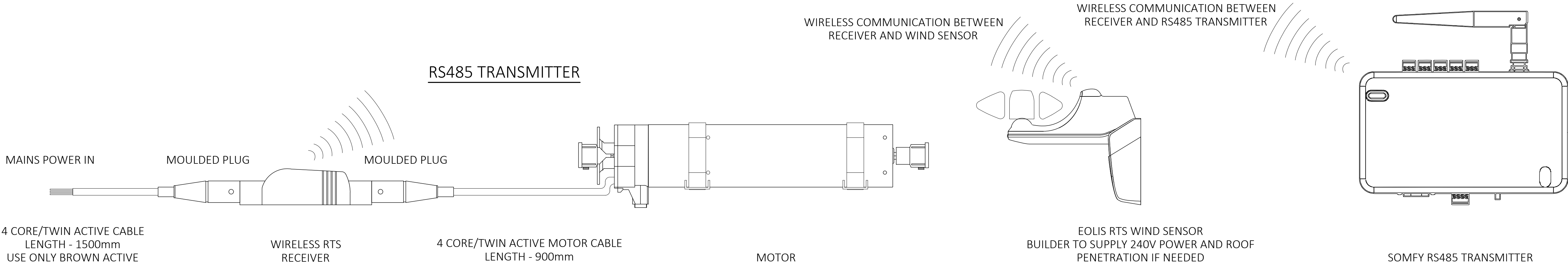
THE WIND THRESHOLD CAN BE ADJUSTED BY THE POTENTIOMETER TO ACCOMMODATE VARYING WIND SPEEDS. WHEN THE WIND SPEED EXCEEDS THE THRESHOLD SET AN UP ORDER IS GIVEN TO THE SHADING SYSTEMS. AS LONG AS THE MEASURED WIND SPEED REMAINS HIGHER THAN THE ADJUSTED THRESHOLD, ANY COMMANDS TO LOWER, RAISE OR TILT THE SHADING SYSTEMS ARE INHIBITED. WHEN THE WIND SPEED FALLS BELOW THE THRESHOLD SETTING, AN ORDER OR COMMAND CAN BE GIVEN. WHEN SPECIFIED, PROVISION FOR THE INSTALLATION AND CORRECT WIRING OF AN EOLIS SENSOR MUST BE PROVIDED FOR BY THE BUILDER. THIS INCLUDES THE RUNNING OF 240V POWER AND ANY ROOF PENETRATIONS.

EOLIS RTS - PRODUCT DATA

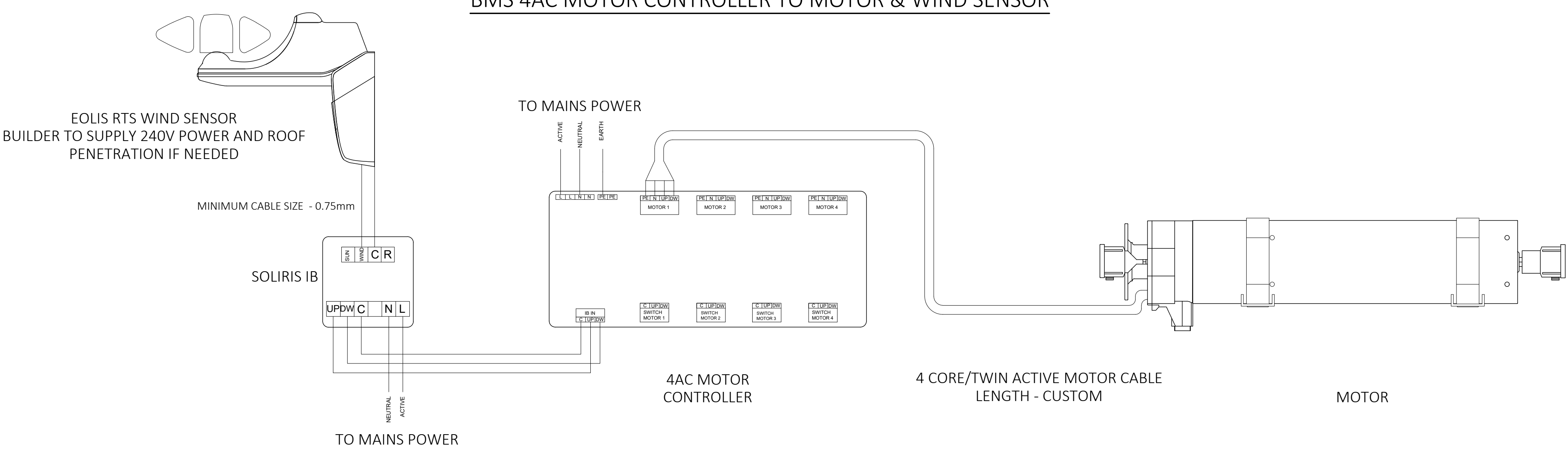
- THE WIND THRESHOLD CAN BE ADJUSTED TO ACCOMMODATE A WIND SPEED WITHIN A MINIMUM OF 10 KMH TO A MAXIMUM OF 50 KMH.
- POWER SUPPLY - 240V
- PHASE AND NEUTRAL
- TWO TERMINAL SCREWS INSIDE SENSOR. NO POLARITY.

EOLIS WITH SOLIRIS IB BUILDING AUTOMATION - PRODUCT DATA

- THE WIND THRESHOLD CAN BE ADJUSTED TO ACCOMMODATE A WIND SPEED WITHIN A MINIMUM OF 5 KMH TO A MAXIMUM OF 80KMH
- POWER SUPPLY TO SOLIRIS IB - 240V
- WIRING FROM SOLIRIS IB TO EOLIS SENSOR - 0.75mm PAIR. NO VOLTAGE CARRIED
- TWO TERMINAL SCREWS INSIDE SENSOR



RS485 TRANSMITTER
SYSTEM - ELECTRICAL



NOTES

FOR BMS CONTROL OF MOTORS INDIVIDUALLY EACH MOTOR INPUT WILL REQUIRE TWO DRY CONTACT (0 VOLT) RELAYS WITH A MOMENTARY LATCH OF 0.5 - 1.5 SECONDS. GROUP CONTROL IS ACHIEVED BY USING ONE OF THE MASTER INPUTS IN THE SAME WAY AS INDIVIDUAL CONTROL.

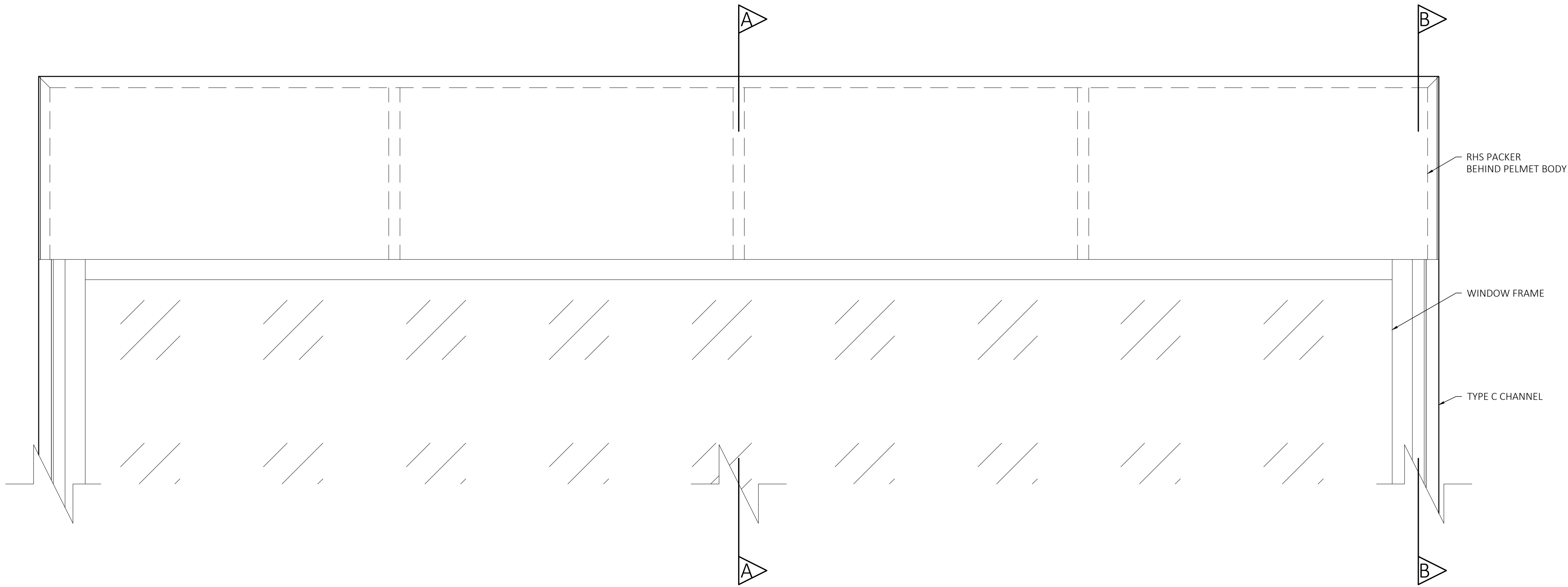
STOP COMMANDS ARE ISSUED BY LATCHING BOTH UP AND DOWN RELAYS TOGETHER, AGAIN MOMENTARILY (0.5 - 1.5 SECONDS).

IF MOTORS ONLY MOMENTARILY MOVE ON A CONTACT PULSE, THEN THE UNIT IS IN VENETIAN MODE

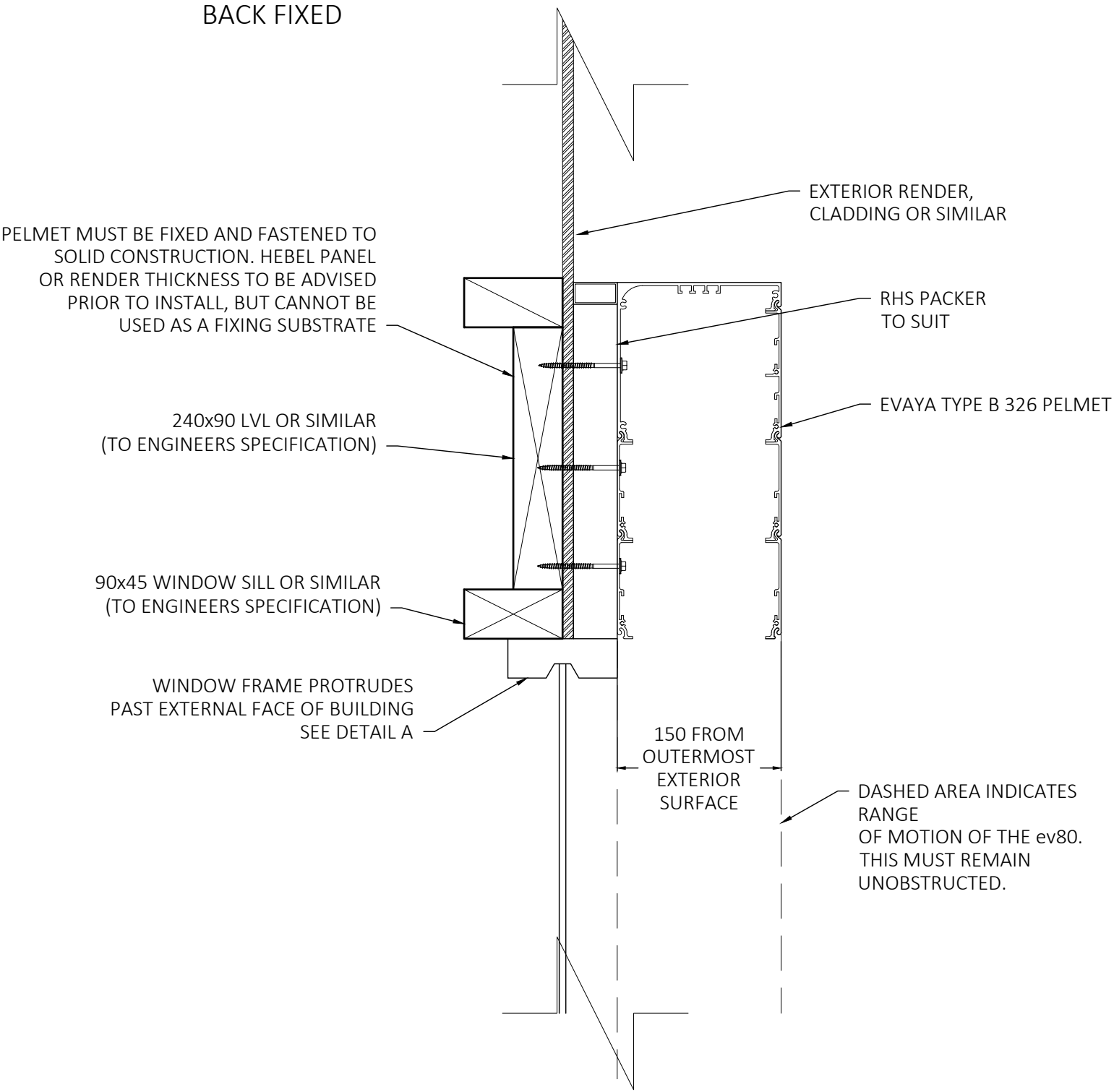
(REFER TO INSTALLATION MANUAL FOR MODE CHANGE).

THE MOTOR'S ACTIVE FOR A DIRECTION IS DEPENDANT ON THE INSTALLATION. REFER TO THE MOTOR'S ENCLOSED DOCUMENTATION TO DETERMINE THE APPROPRIATE DIRECTIONAL WIRE COLOUR.

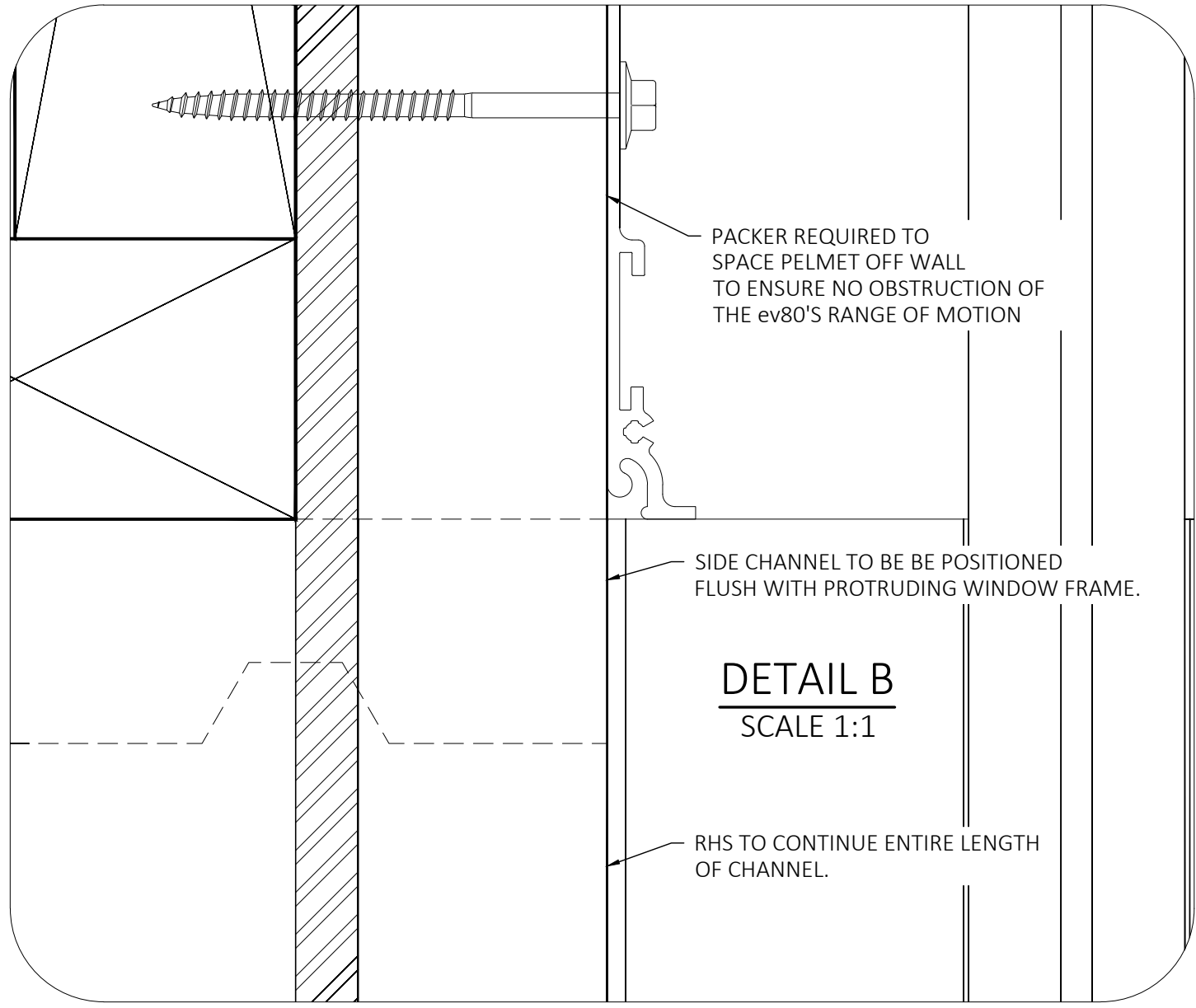
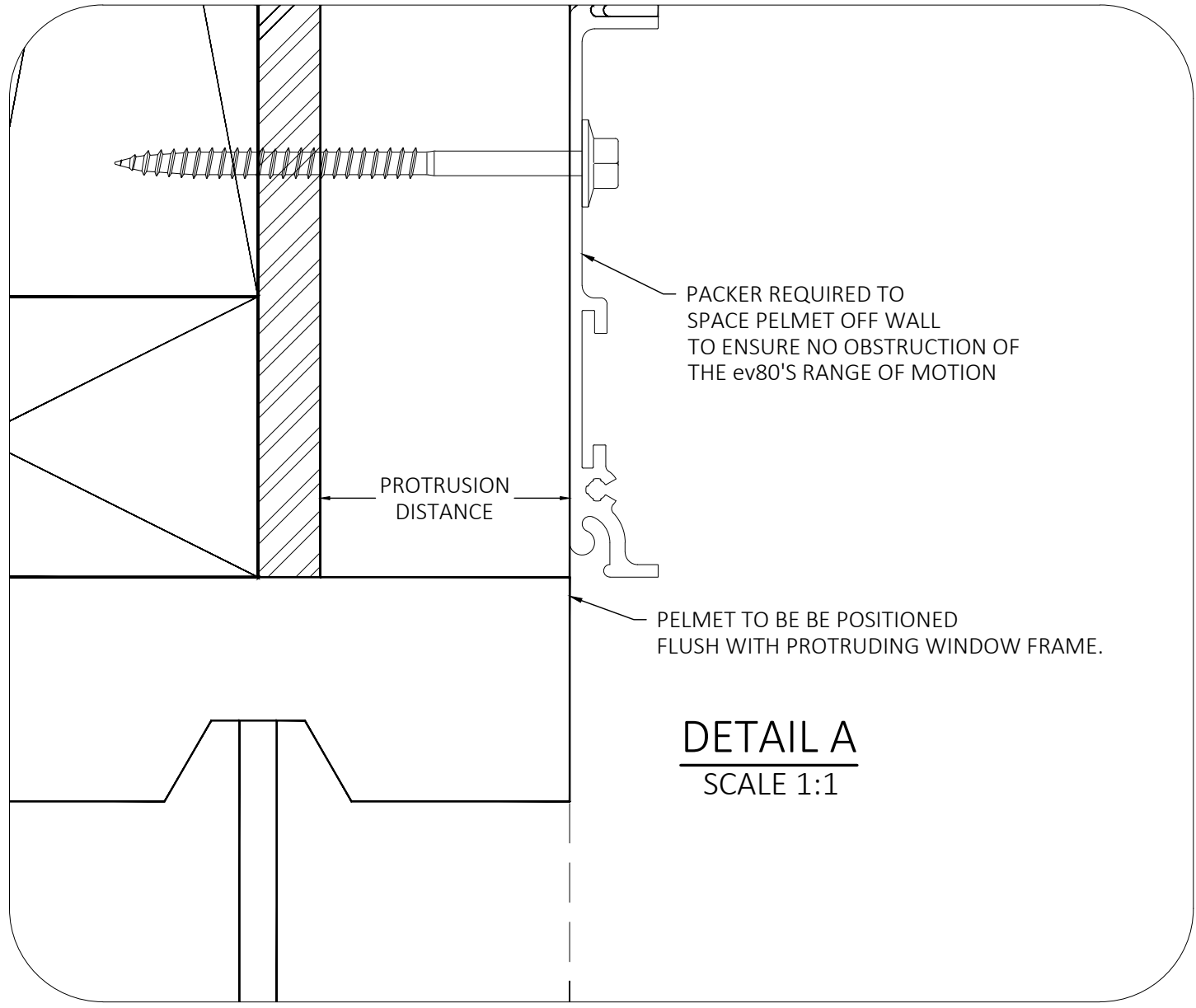
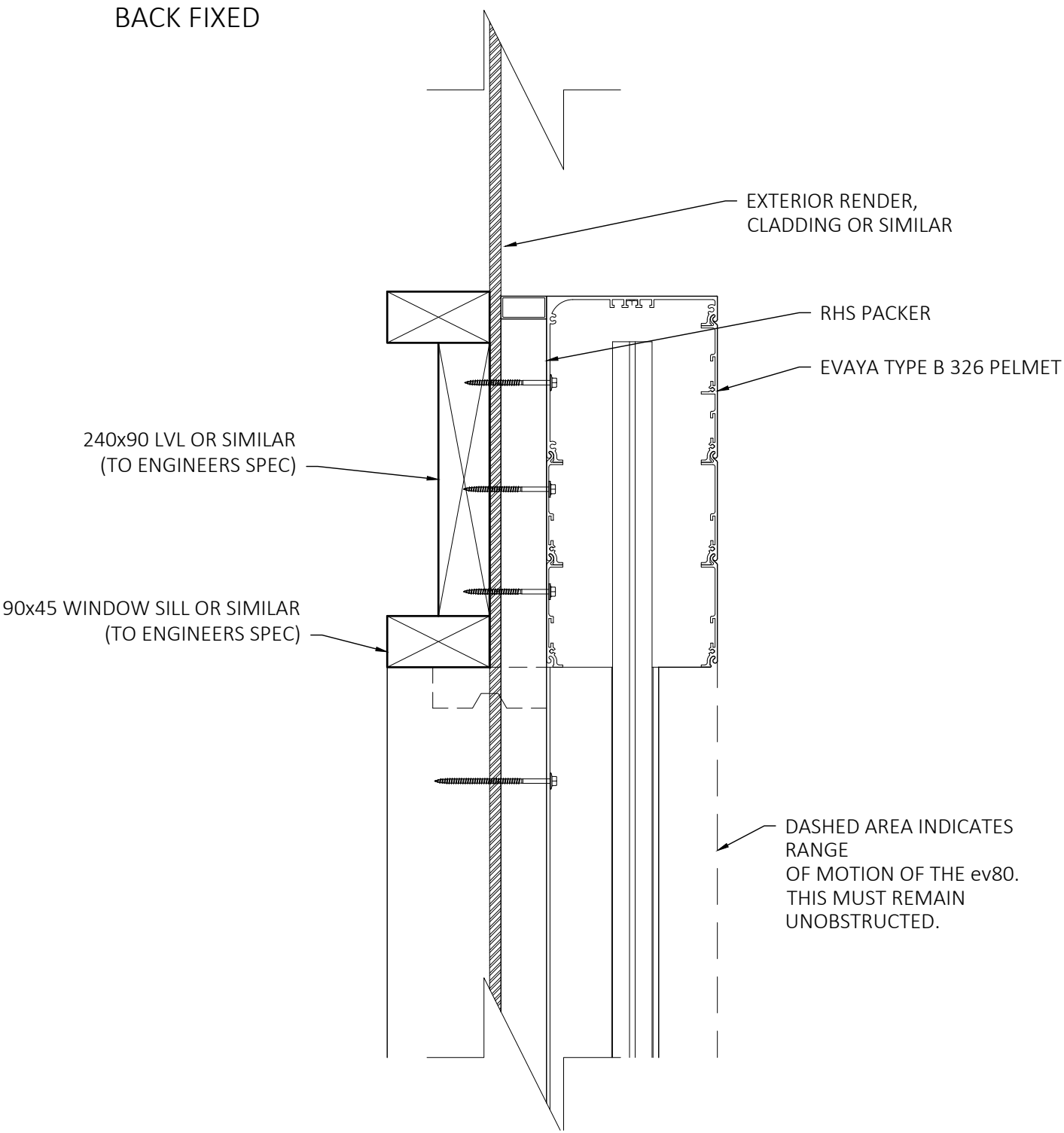
FRONT ELEVATION
TYPE B 326 PELMET WITH TYPE C SIDE CHANNEL



SECTION A-A
BACK FIXED



SECTION B-B
BACK FIXED

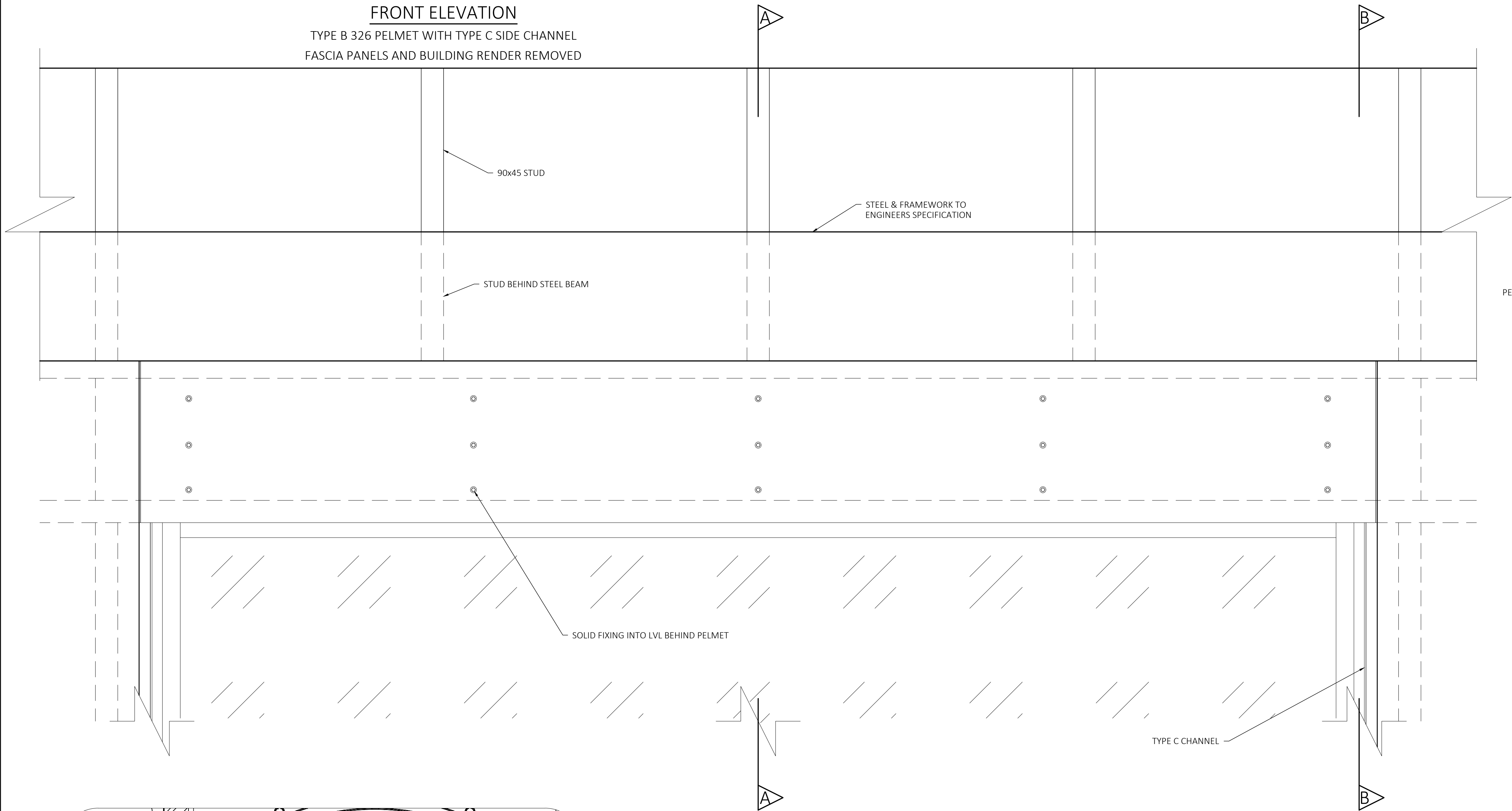


PROTRUDING WINDOW FRAME
SYSTEM - APPLICATIONS - FIXING OPTIONS

SCALE 1:5 @ A1	DRAWING NO. evSYSTEM-05-01-01.B	SHEET 48 of 60
BY SK	DATE OCT'25	CLIENT
CHECKED PA	DATE OCT'25	ADDRESS

FRONT ELEVATION

TYPE B 326 PELMET WITH TYPE C SIDE CHANNEL
FASCIA PANELS AND BUILDING RENDER REMOVED



SECTION A-A

BACK FIXED

PELMET MUST BE FIXED AND FASTENED TO SOLID CONSTRUCTION. HEBEL PANEL OR RENDER THICKNESS TO BE ADVISED PRIOR TO INSTALL, BUT CANNOT BE USED AS A FIXING SUBSTRATE

90x45 WINDOW SILL OR SIMILAR (TO ENGINEERS SPECIFICATION)

EXTERIOR RENDER OR CLADDING

REFER DETAIL A

SECTION B-B

BACK FIXED

PELMET MUST BE FIXED AND FASTENED TO SOLID CONSTRUCTION. HEBEL PANEL OR RENDER THICKNESS TO BE ADVISED PRIOR TO INSTALL, BUT CANNOT BE USED AS A FIXING SUBSTRATE

SIDE CHANNEL FIXED INTO 90x45 WINDOW STUDS

REFER DETAIL B

DETAIL A
SCALE 1:1

150 FROM OUTERMOST PART OF EXTERIOR FACADE

DASHED LINES INDICATE THE OPERATIONAL AREA OF THE ev80. THIS MUST REMAIN UNOBSTRUCTED AT ALL TIMES

DETAIL B
SCALE 1:1

BOTH PELMET AND SIDE CHANNEL ARE ALIGNED WITH THE OUTERMOST FACE OF THE EXTERIOR FACADE. THIS ENSURES CORRECT INSTALLATION AND OPERATION OF THE ev80.

90x45 WINDOW STUD FOR CHANNEL FIXING

SIDE CHANNEL PROJECTION 98

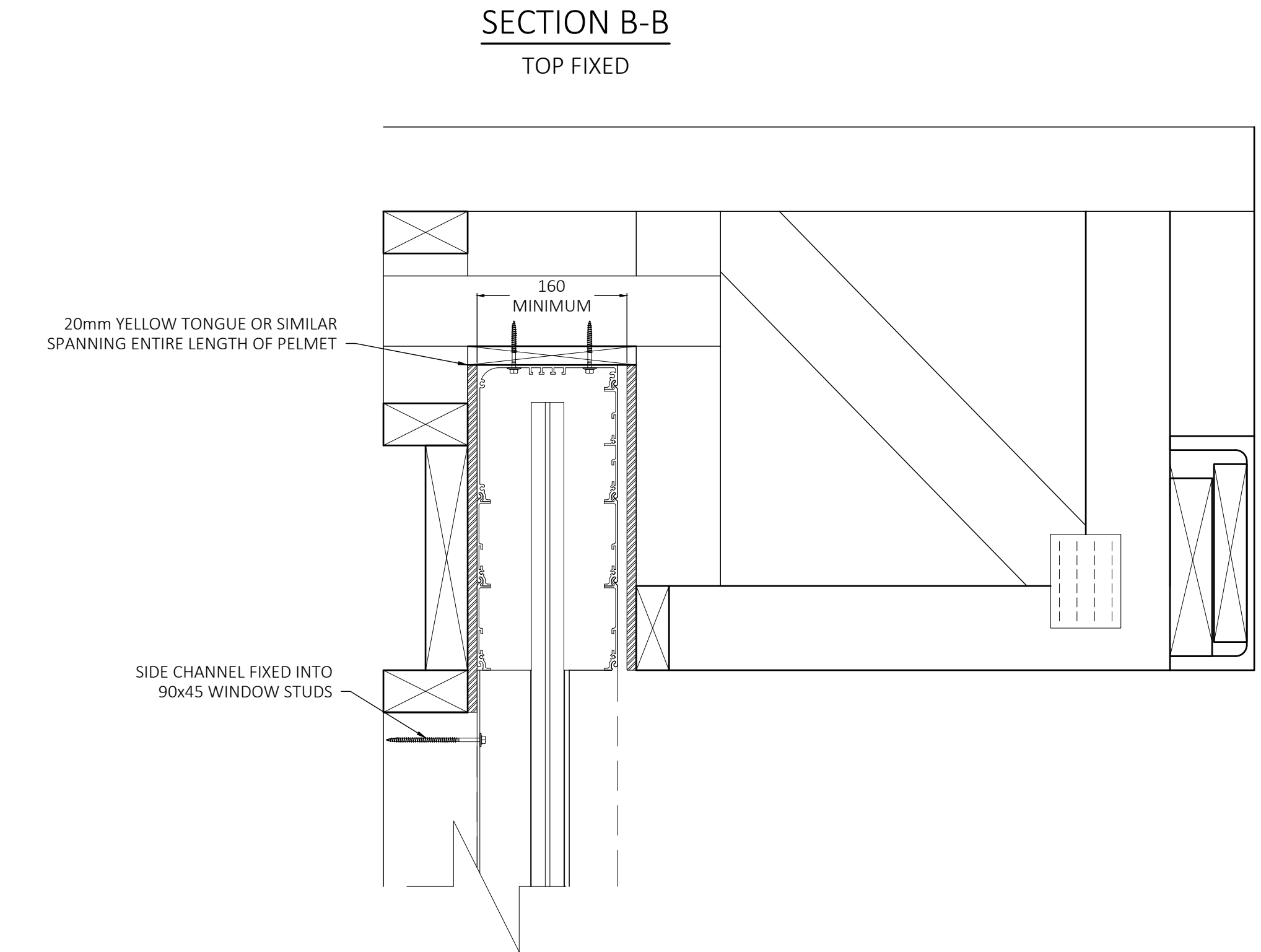
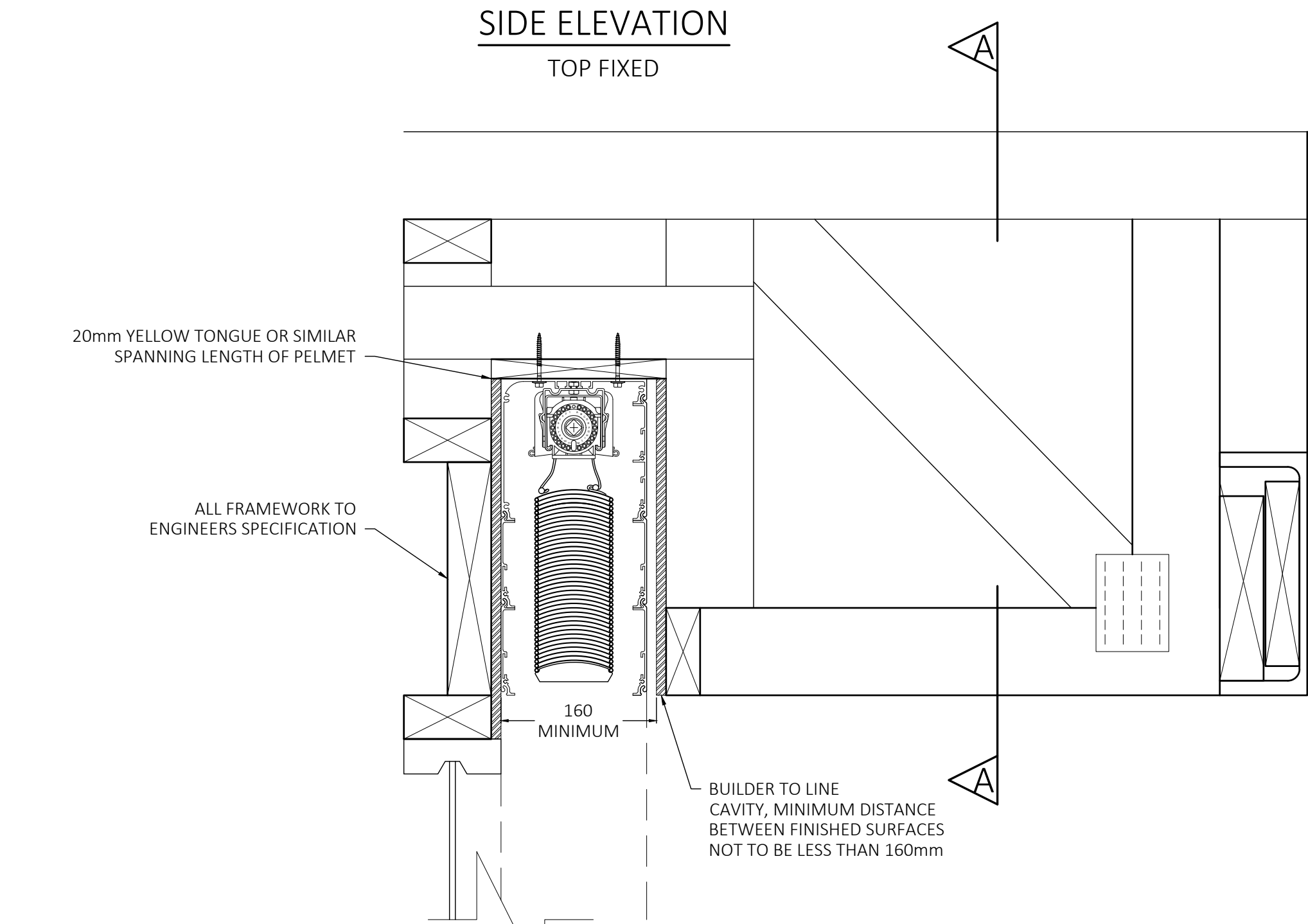
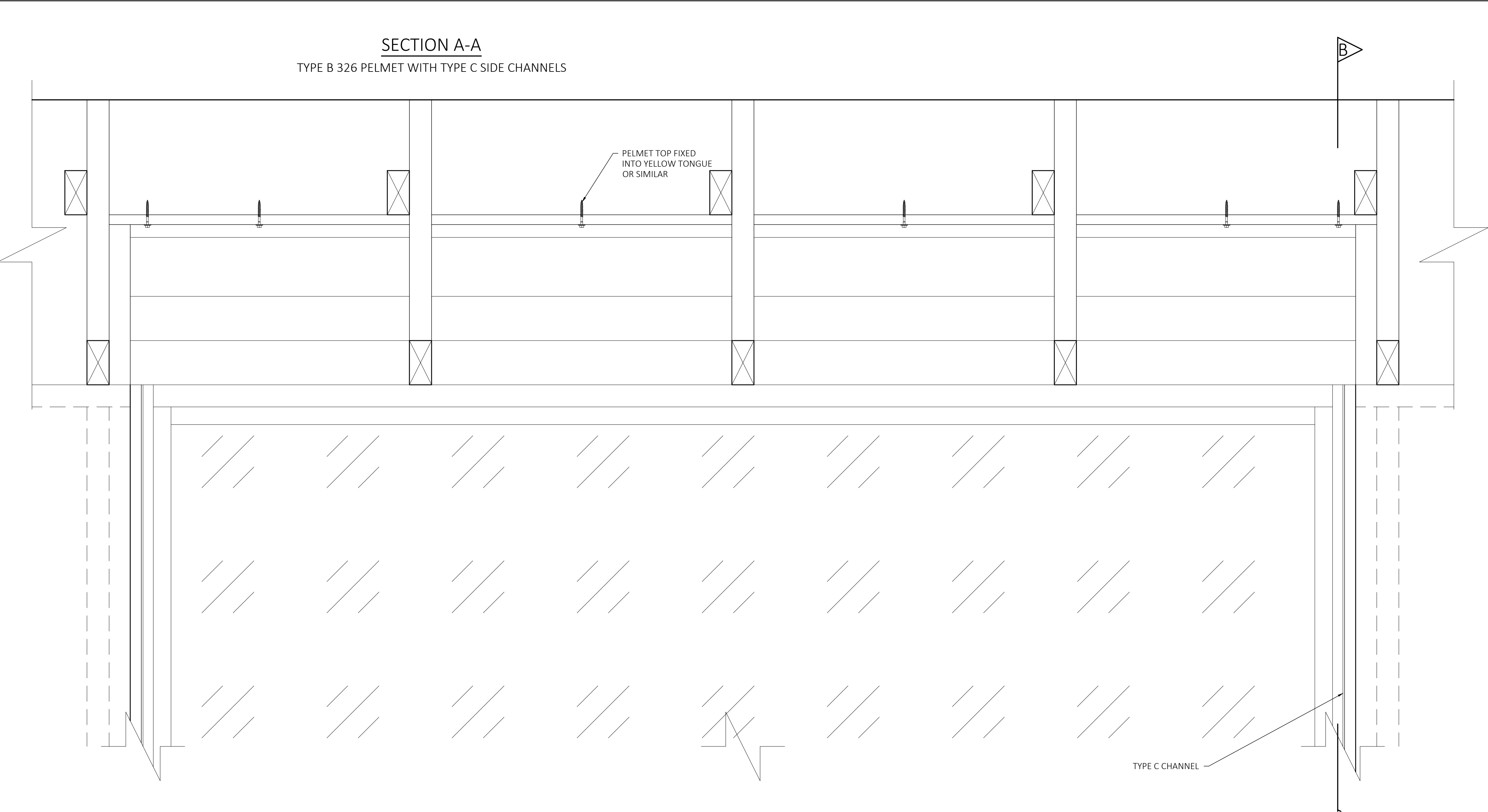
PELMET DEPTH 150

TYPE C SIDE CHANNEL

DASHED LINES INDICATE THE OPERATIONAL AREA OF THE ev80. THIS MUST REMAIN UNOBSTRUCTED AT ALL TIMES

EAVE BACK FIX

SYSTEM - APPLICATIONS - FIXING OPTIONS



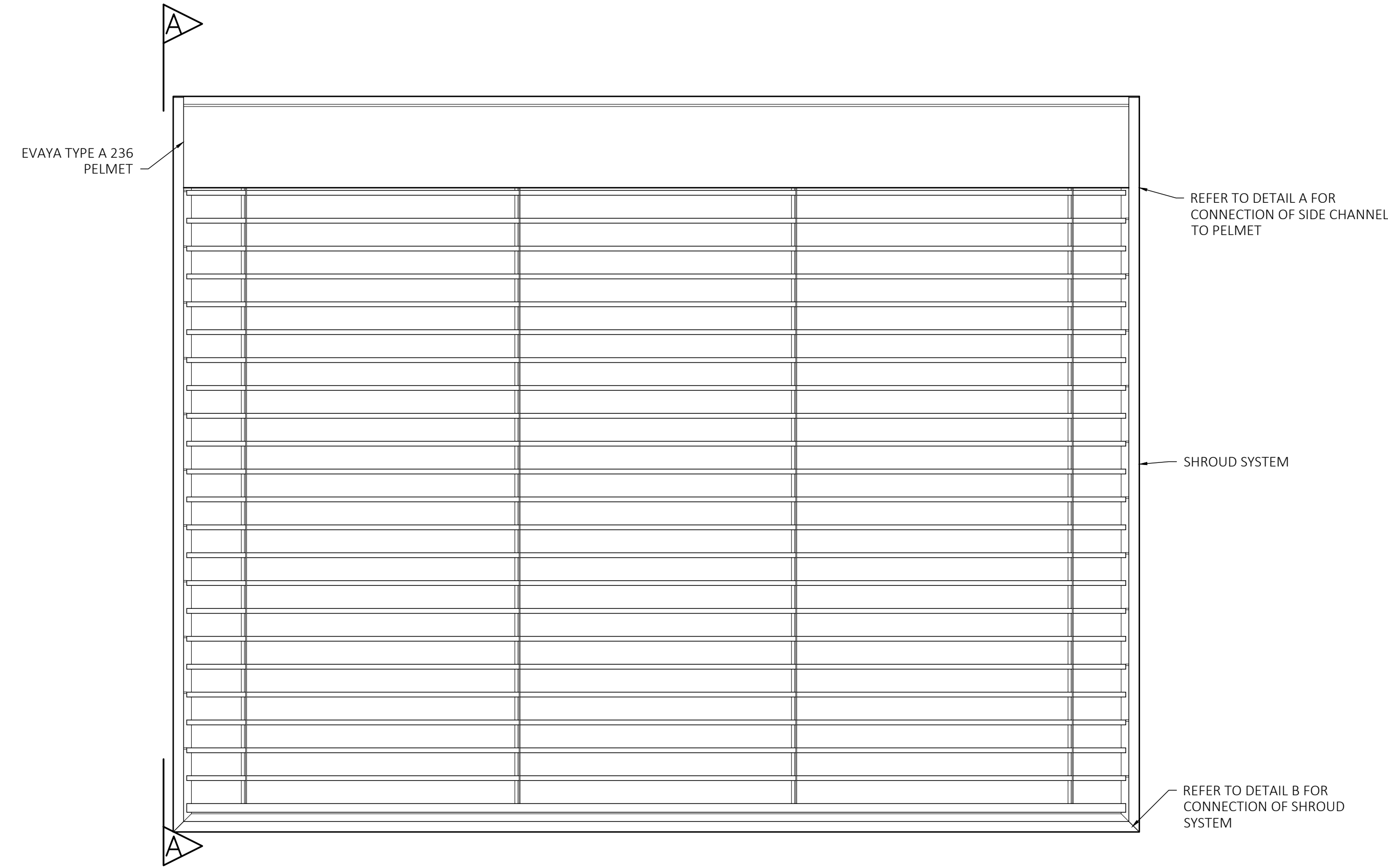
NOTES

- PELEMT DRAWN IS A TYPE B 326 PELMET WITH TYPE C SIDE CHANNELS
- BUILDER IS TO SUPPLY ADEQUATE SOLID FIXING POINTS ABOVE, BEHIND AND ALONG THE LENGTH OF THE CAVITY TO FIX & FASTEN THE PELMET
- BUILDER IS TO SUPPLY A MINIMUM CAVITY WIDTH OF 160mm BETWEEN FINISHED SURFACES
- COMPATIBLE WITH ALL EVAYA SIDE CHANNEL TYPES
- DASHED AREA INDICATES RANGE OF MOTION OF THE ev80. THIS MUST REMAIN UNOBSTRUCTED
- INTERFERENCE MUST BE TAKEN INTO CONSIDERATION AND AVOIDED

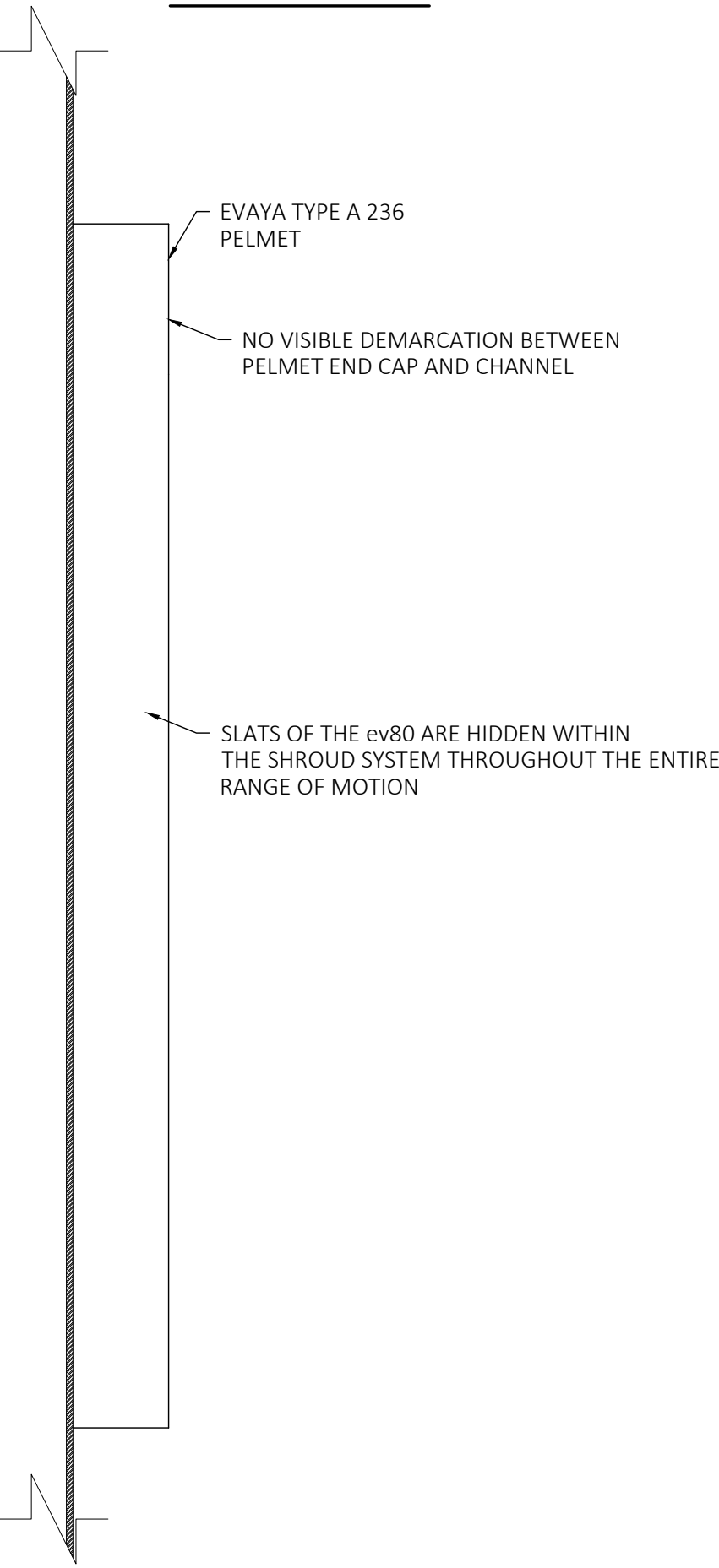
RECESSED PELMET
SYSTEM - APPLICATIONS - FIXING OPTIONS

SCALE 1:5 @ A1	DRAWING NO. evSYSTEM-05-01-03.B	SHEET 50 of 60
BY SK	DATE AUG'25	CLIENT
CHECKED PA	DATE AUG'25	ADDRESS

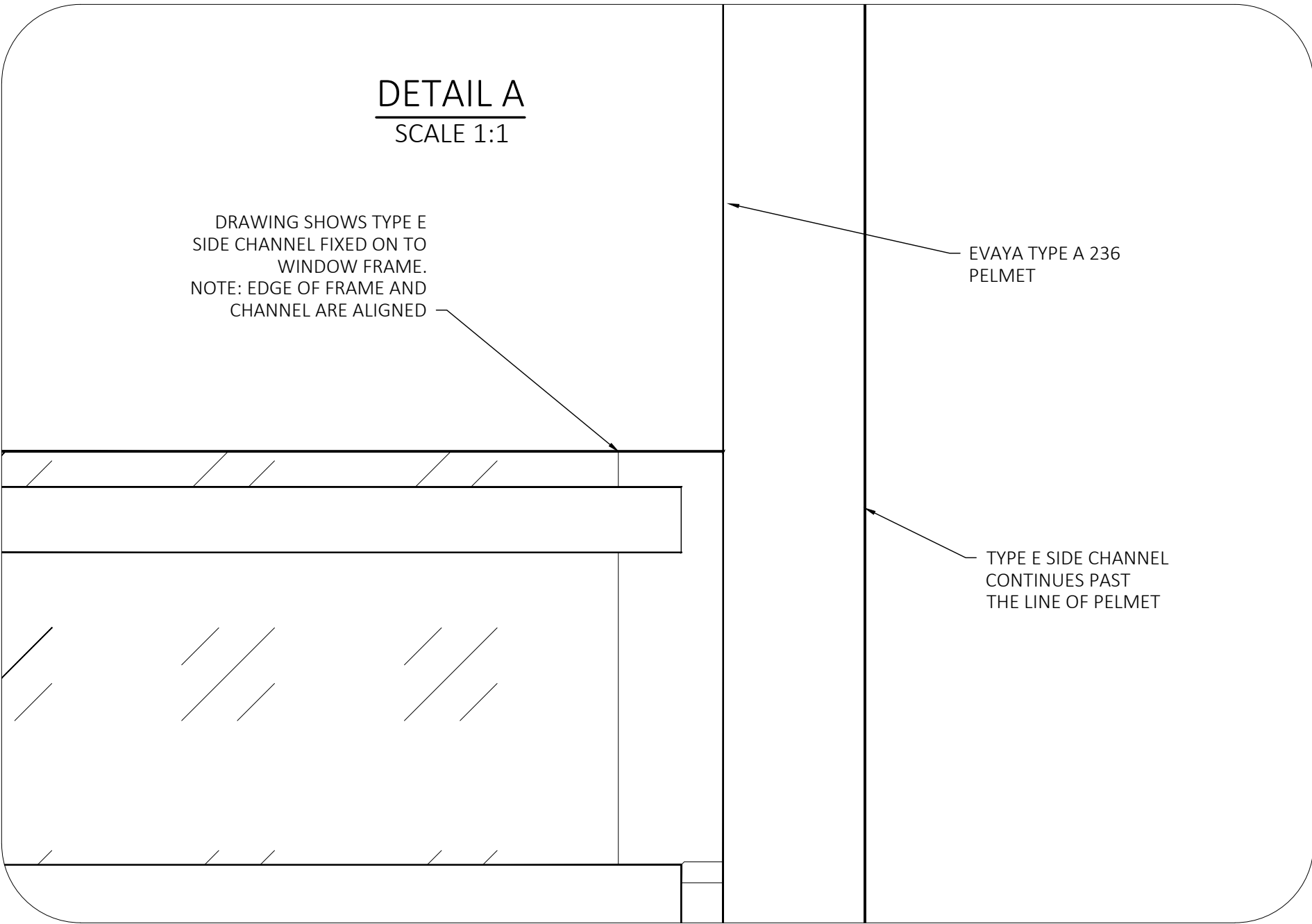
FRONT ELEVATION
TYPE A 236 PELMET WITH TYPE E SIDE CHANNELS



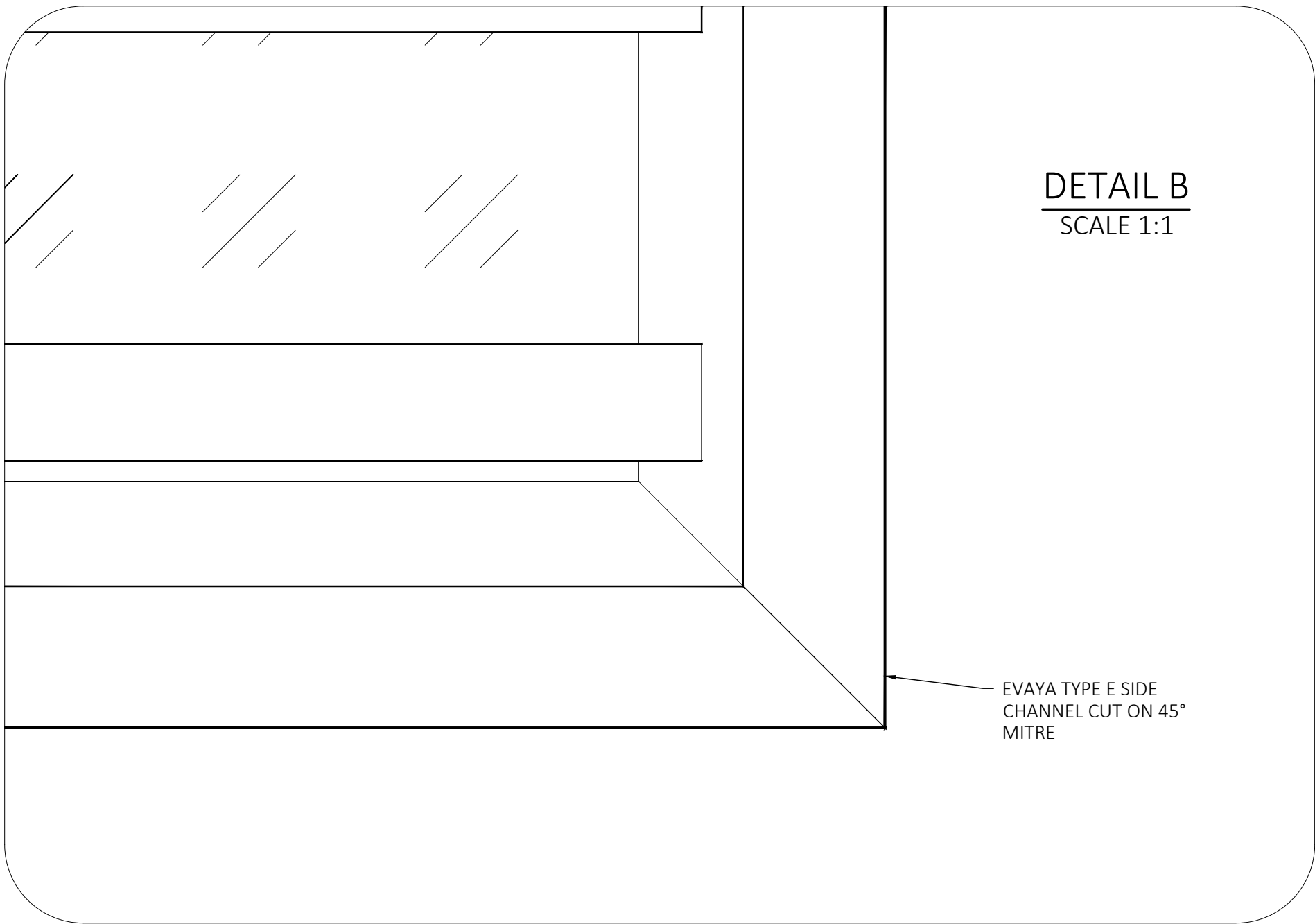
SECTION A-A



DETAIL A
SCALE 1:1



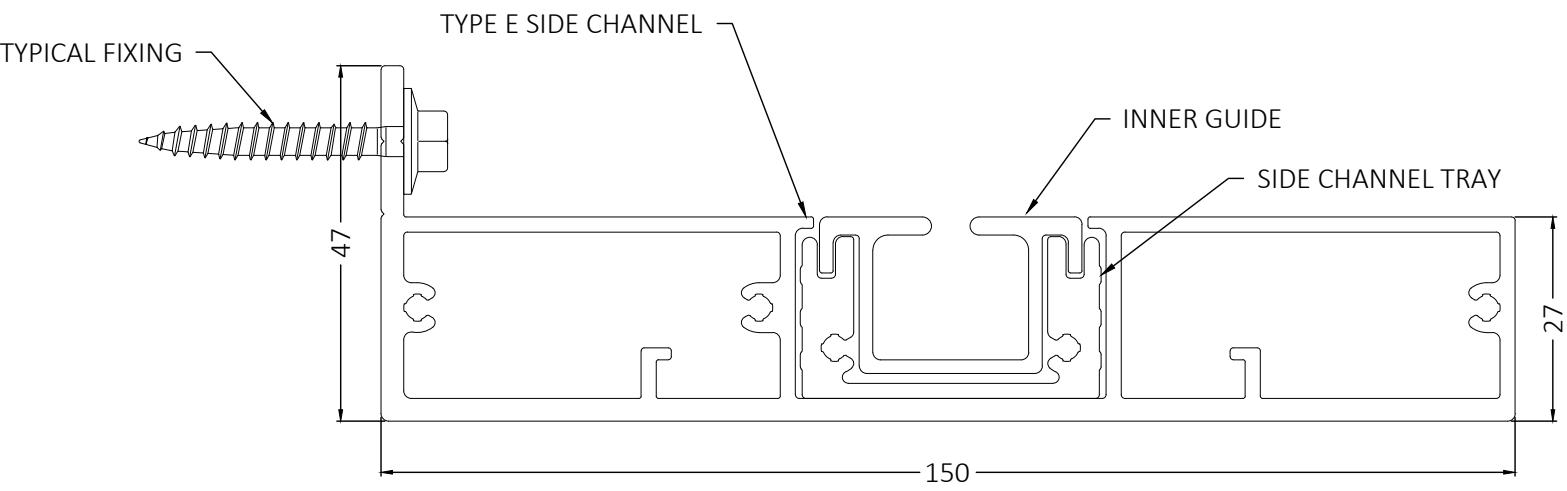
DETAIL B
SCALE 1:1



PERSPECTIVE
TYPE A 236 PELMET WITH SHROUD SYSTEM



DIMENSIONED PROFILE
SCALE 1:1



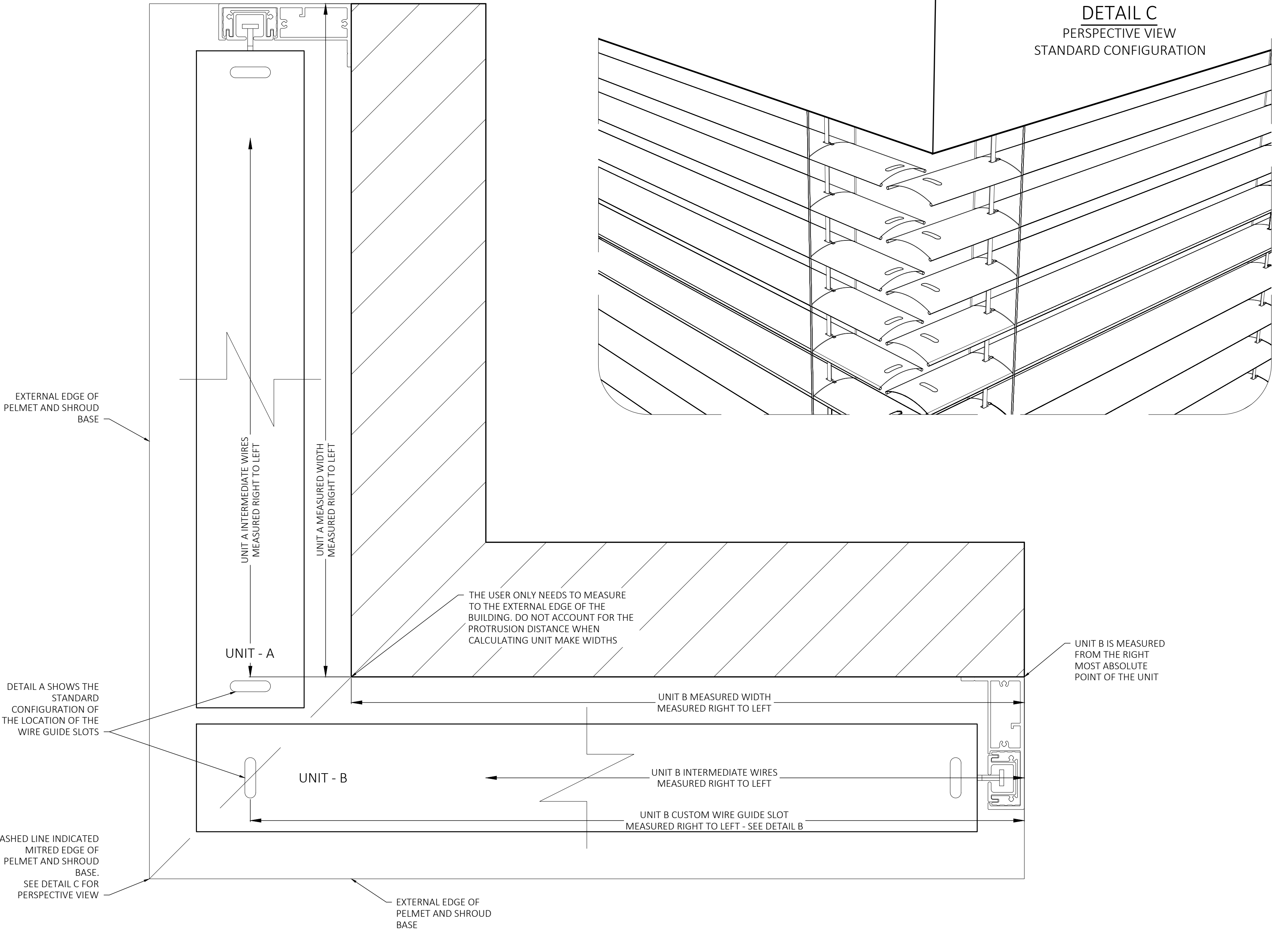
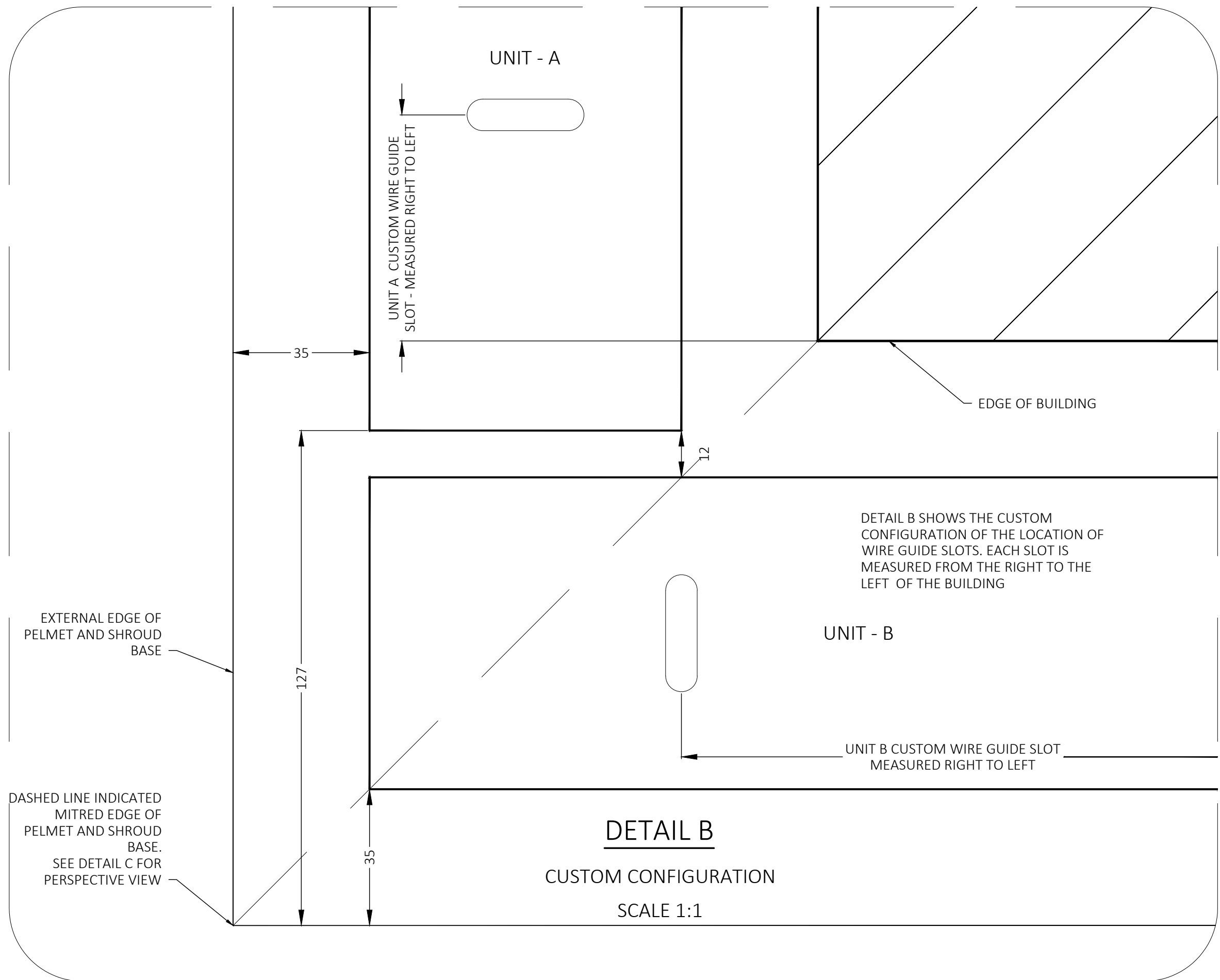
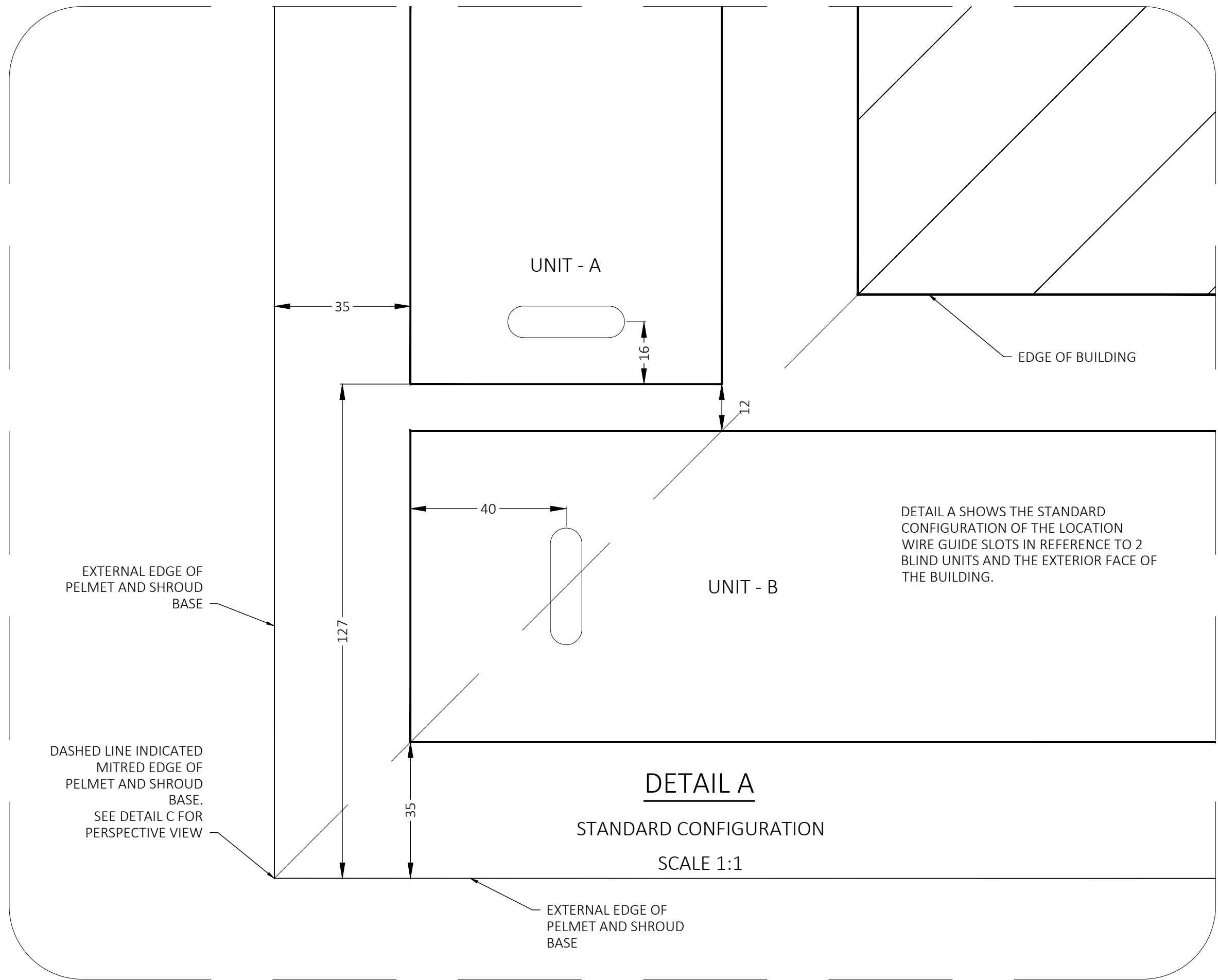
NOTES

- 27mm WIDE WITH A 150mm PROJECTION WITH THE ev80/ev93d INTEGRATED
- SUITABLE FOR FACE FIT APPLICATIONS
- MINIMAL FASTENING POINTS
- NO VISIBLE DEMARCATION BETWEEN PELMET AND SIDE CHANNELS

SHROUD SYSTEM

SYSTEM - APPLICATIONS - FIXING OPTIONS

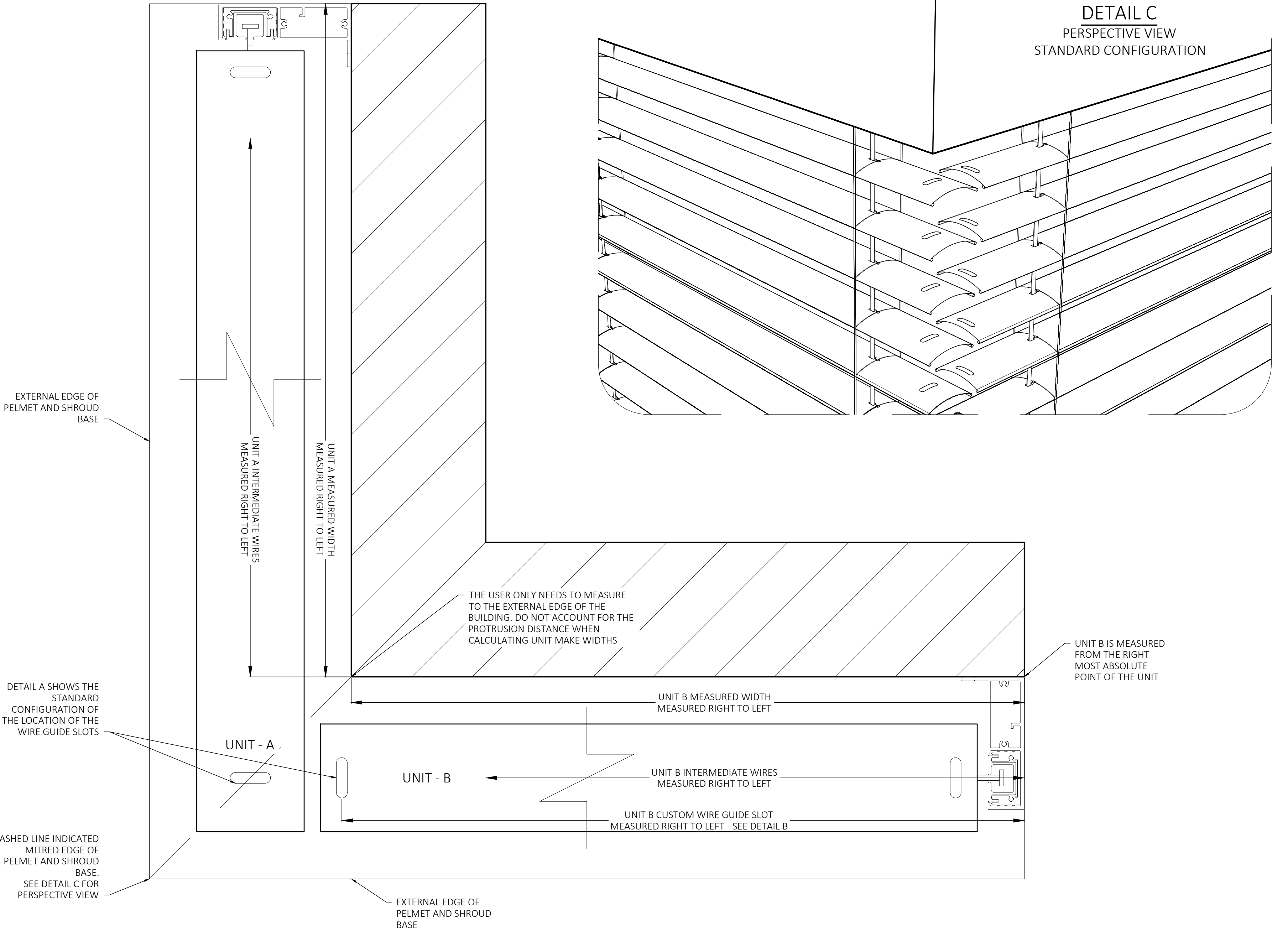
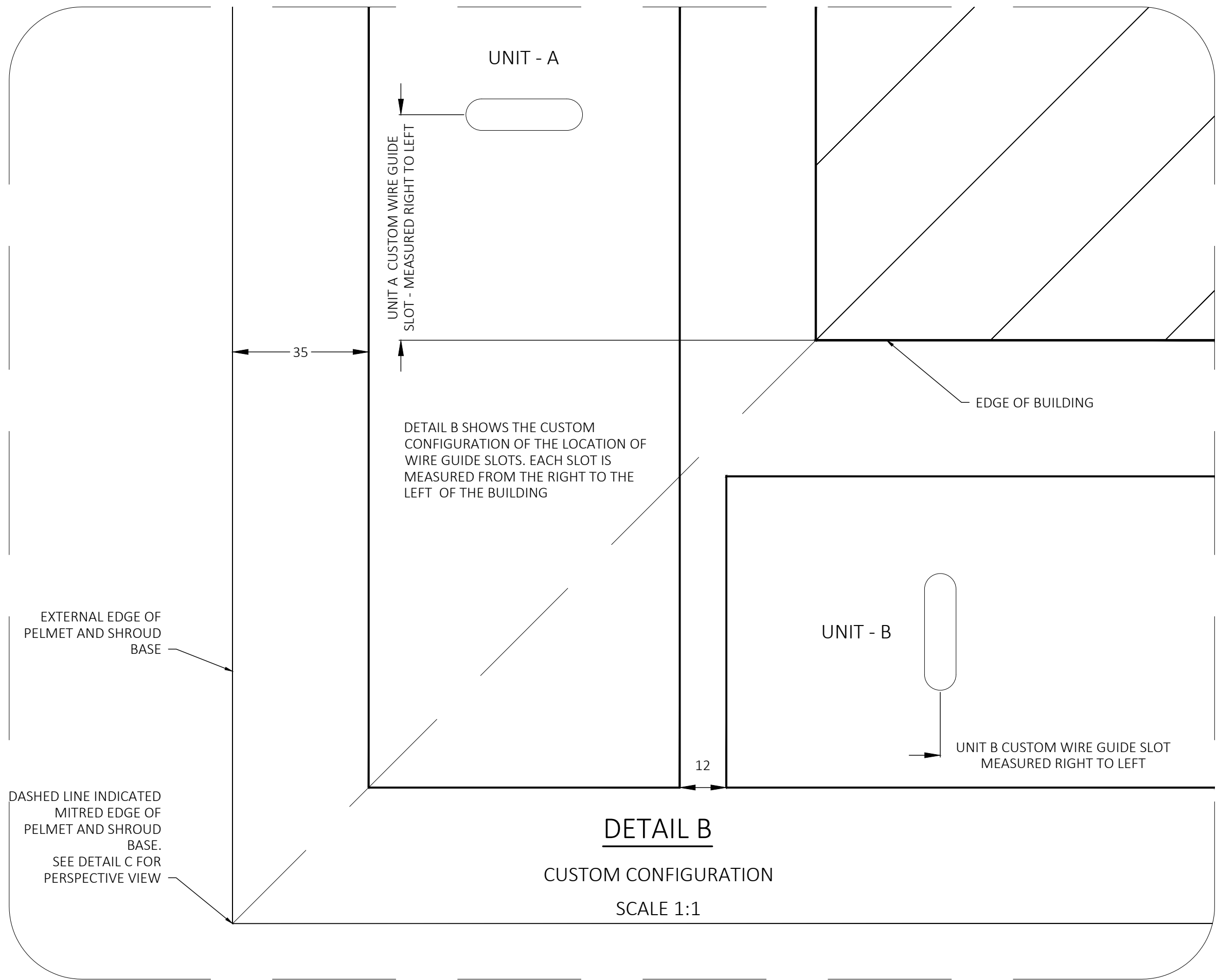
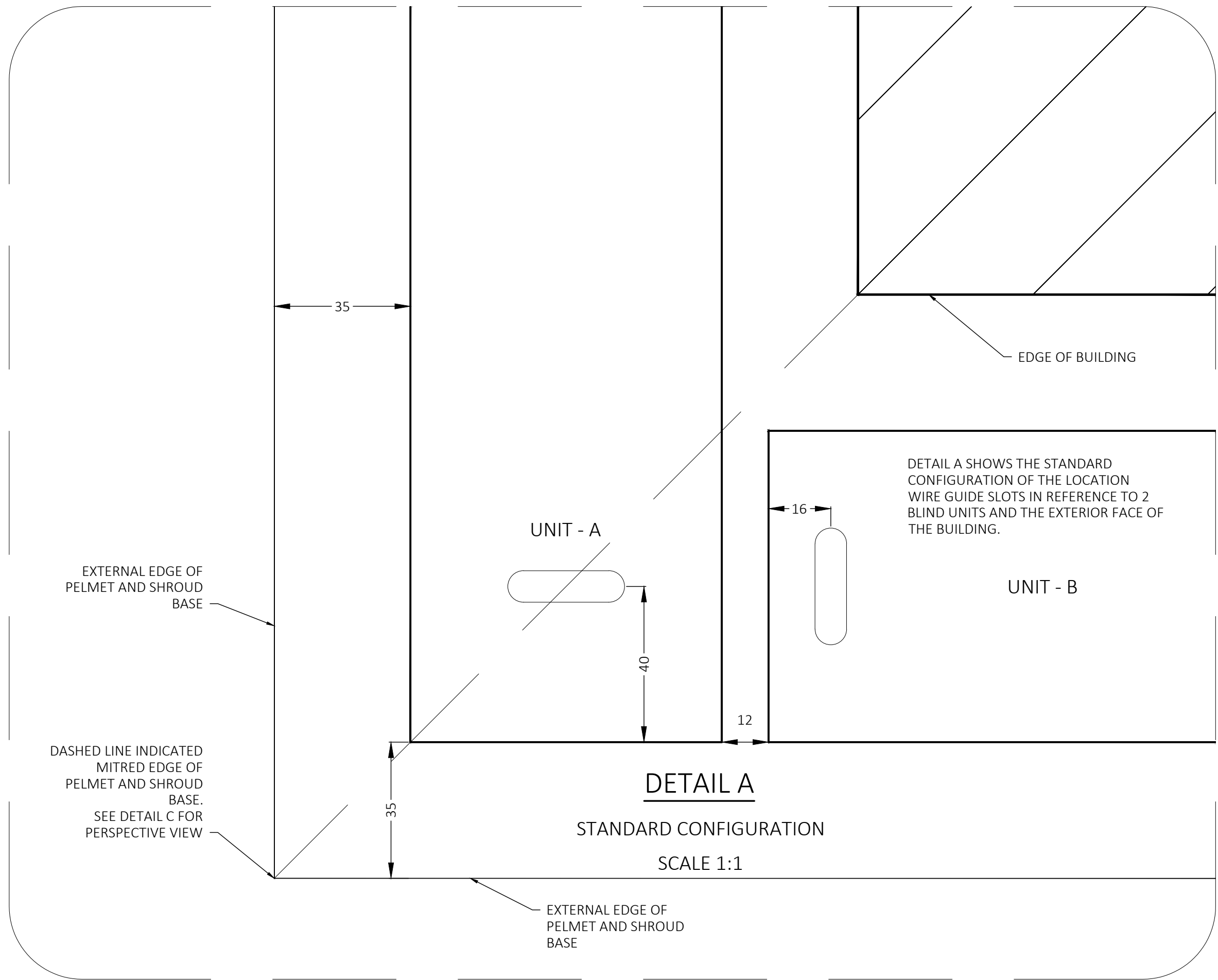
SCALE 1:10 @ A1	DRAWING NO. evSYSTEM-05-01-05.B	SHEET 51 of 60
BY SK	DATE SEP'25	CLIENT
CHECKED PA	DATE SEP'25	ADDRESS



NOTES:

- DRAWING DEMONSTRATES THE CONFIGURATION OF INTERNAL CORNER TYPE IC1
- DETAIL A IS THE STANDARD CONFIGURATION FOR THE WIRE GUIDE SLOTS
- DETAIL B IS THE CUSTOM CONFIGURATION FOR THE WIRE GUIDE SLOTS. MEASUREMENTS ARE TO BE TAKEN FROM RIGHT TO LEFT OF EACH UNIT
- THE LH GUIDE OF UNIT A CAN BE EITHER TYPE 1 (WIRE GUIDE) OR TYPE 4 (PIN)
- THE RH GUIDE OF UNIT B CAN BE EITHER TYPE 1 (WIRE GUIDE) AND TYPE 5 (PIN)
- PELMET SHOWN IN DETAIL C IS A TYPE A 236

EXTERNAL CORNER- TYPE EC1
SYSTEM - APPLICATIONS - FIXING OPTIONS

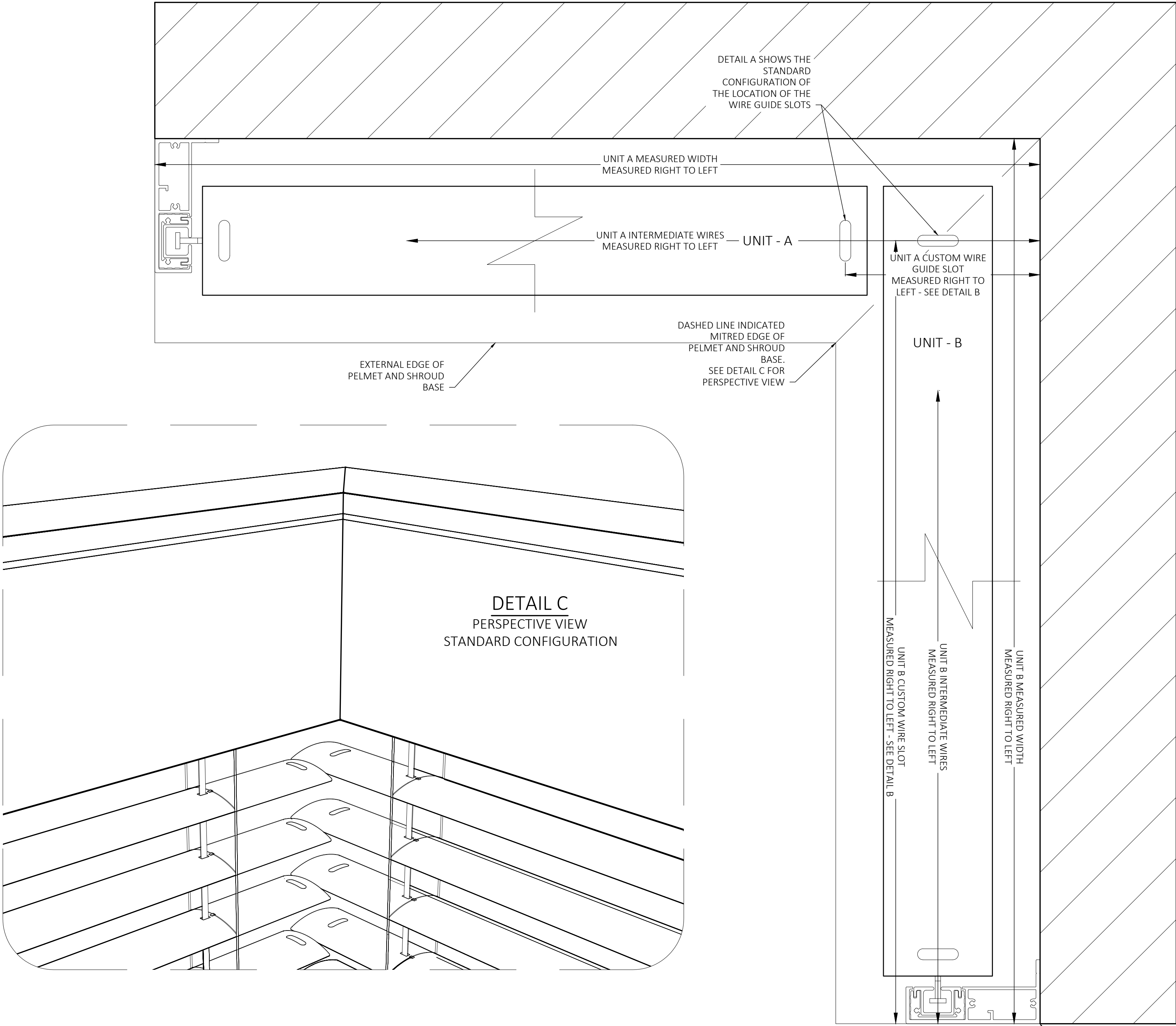
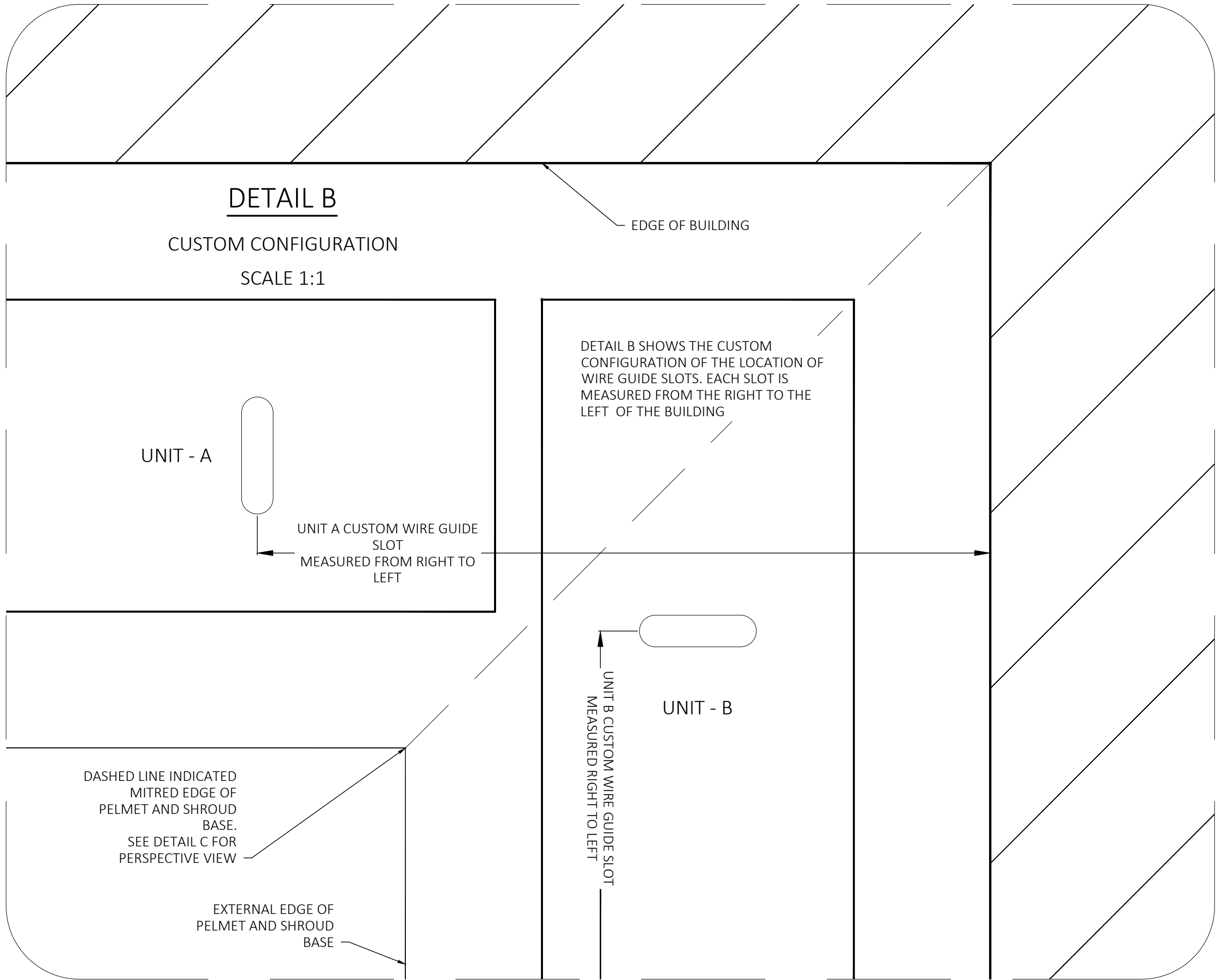
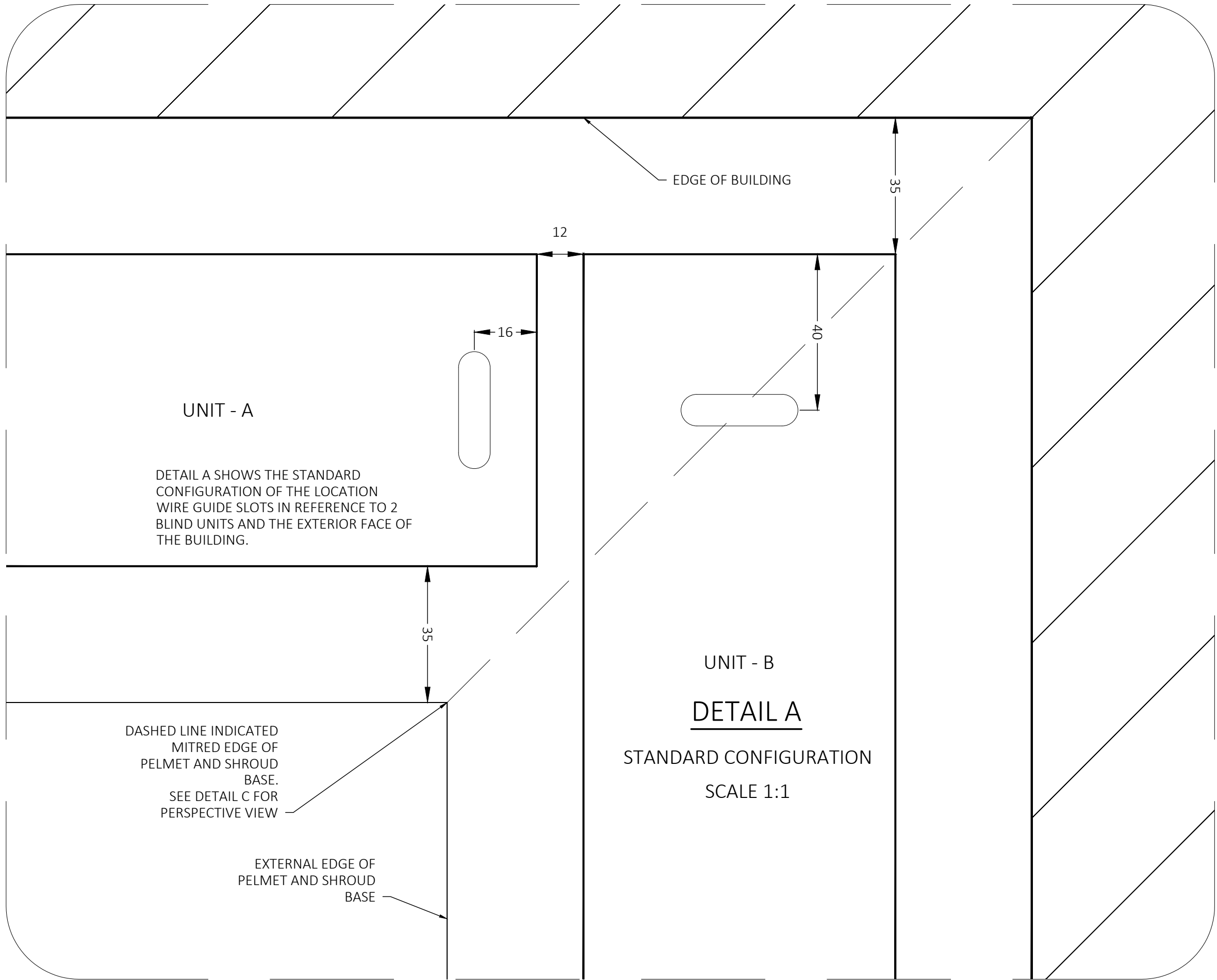


- NOTES:
- DRAWING DEMONSTRATES THE CONFIGURATION OF INTERNAL CORNER TYPE IC1
 - DETAIL A IS THE STANDARD CONFIGURATION FOR THE WIRE GUIDE SLOTS
 - DETAIL B IS THE CUSTOM CONFIGURATION FOR THE WIRE GUIDE SLOTS. MEASUREMENTS ARE TO BE TAKEN FROM RIGHT TO LEFT OF EACH UNIT
 - THE LH GUIDE OF UNIT A CAN BE EITHER TYPE 1 (WIRE GUIDE) OR TYPE 4 (PIN)
 - THE RH GUIDE OF UNIT B CAN BE EITHER TYPE 1 (WIRE GUIDE) AND TYPE 5 (PIN)
 - PELMET SHOWN IN DETAIL C IS A TYPE A 236

EXTERNAL CORNER- TYPE EC2

SYSTEM - APPLICATIONS - FIXING OPTIONS

SCALE	DRAWING NO. evSYSTEM-05-01-06.A	SHEET 53 of 60
BY SK	DATE APR'26	CLIENT
CHECKED PA	DATE APR'26	ADDRESS

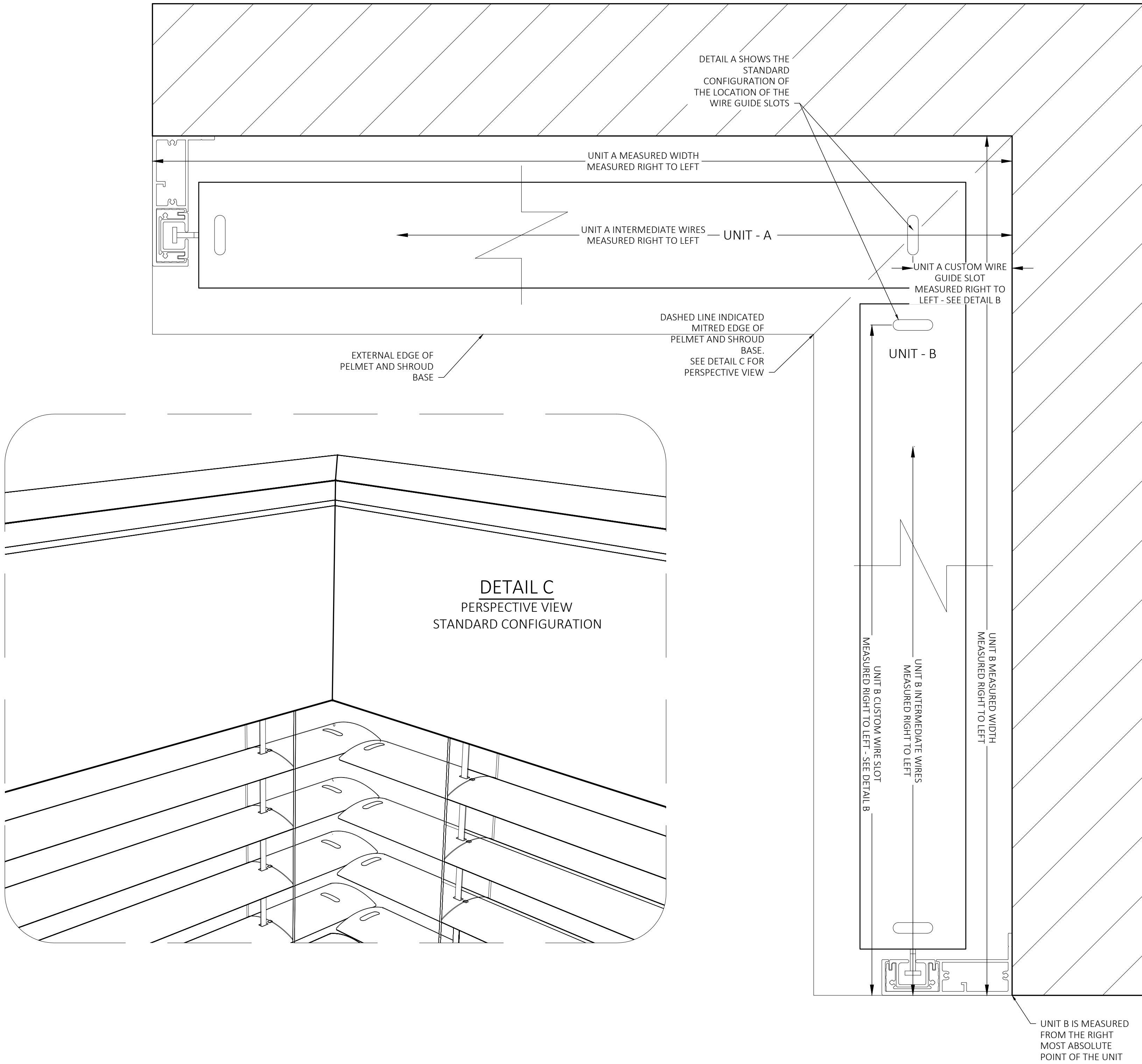
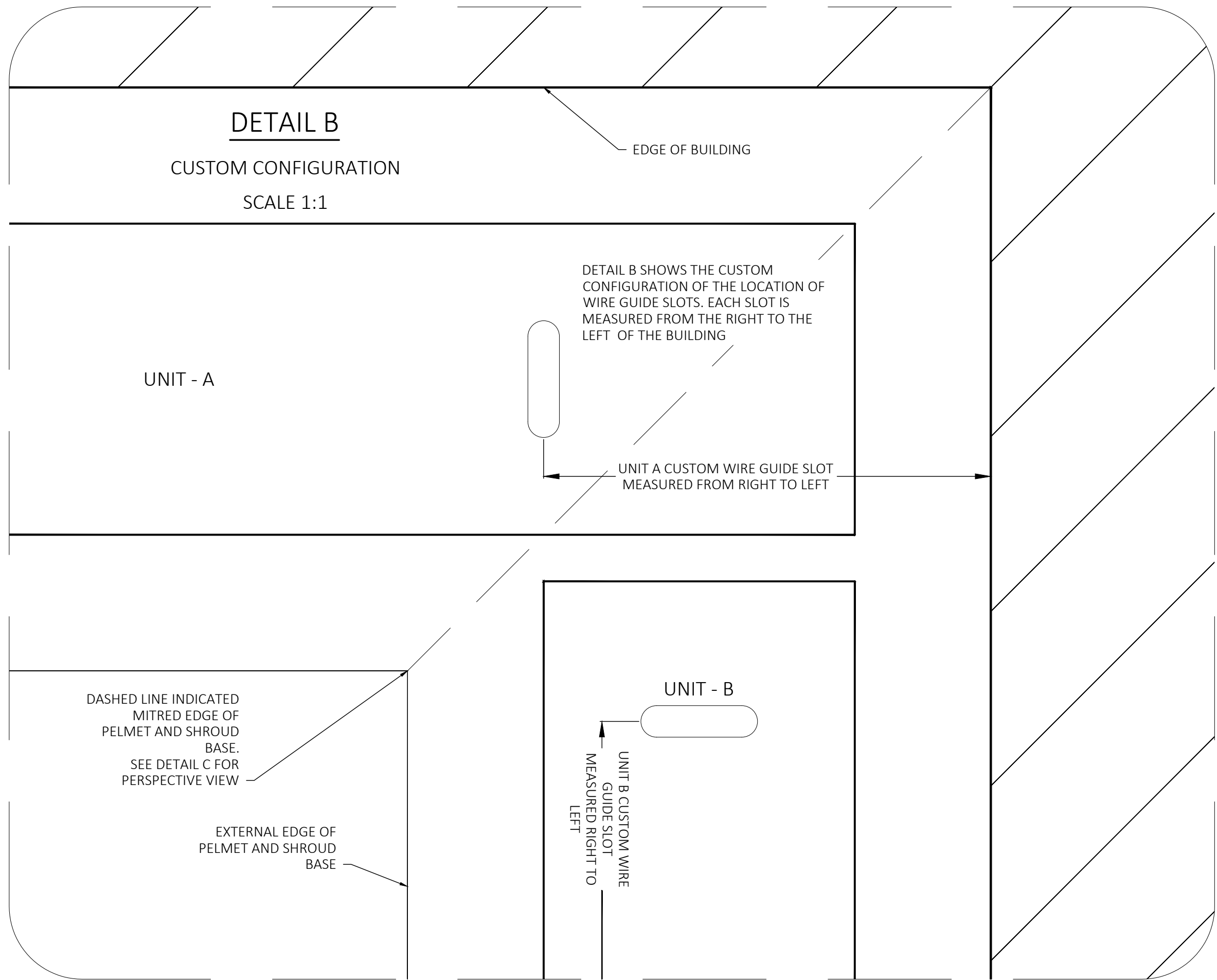
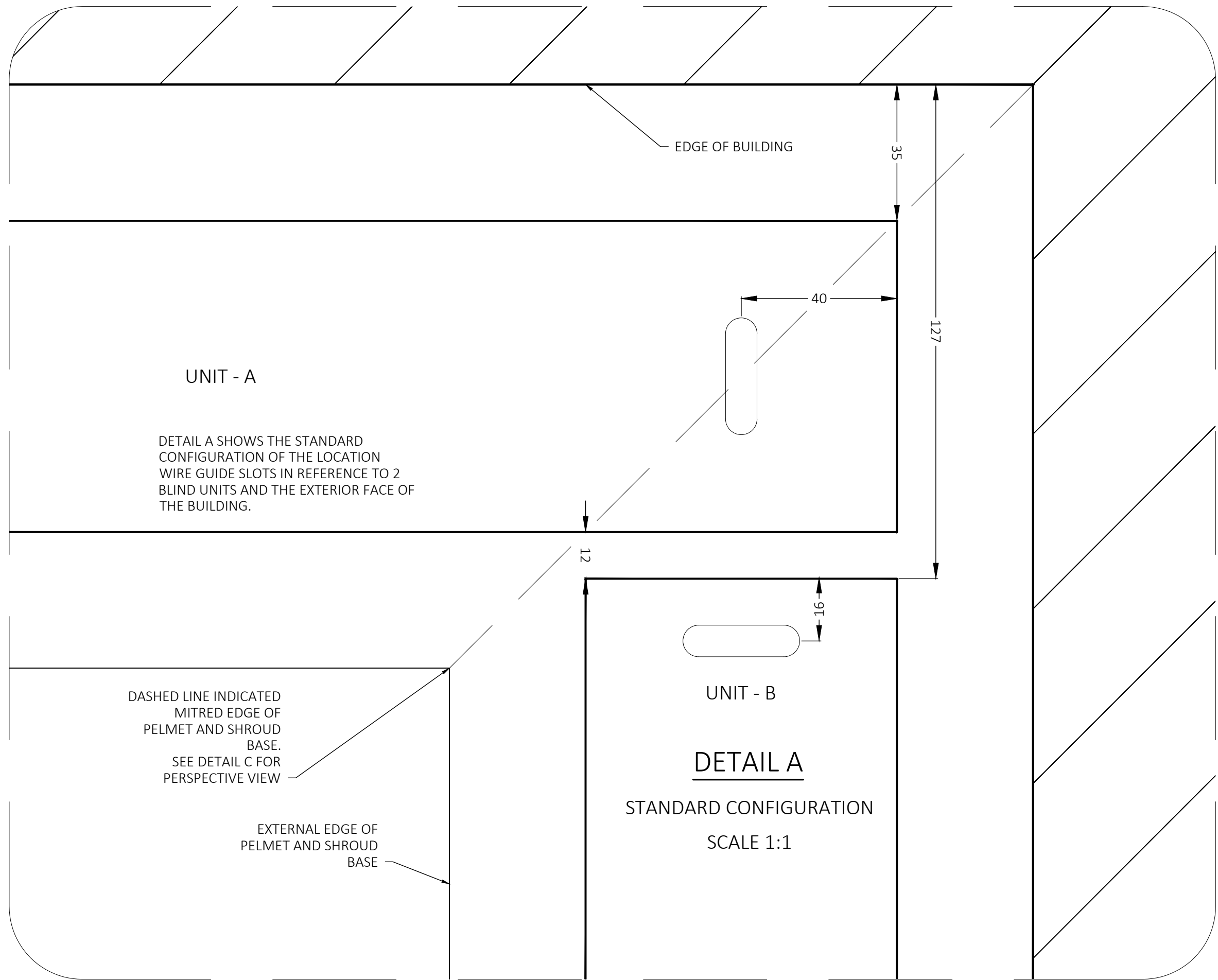


- NOTES:**
- DRAWING DEMONSTRATES THE CONFIGURATION OF INTERNAL CORNER TYPE IC1
 - DETAIL A IS THE STANDARD CONFIGURATION FOR THE WIRE GUIDE SLOTS
 - DETAIL B IS THE CUSTOM CONFIGURATION FOR THE WIRE GUIDE SLOTS. MEASUREMENTS ARE TO BE TAKEN FROM RIGHT TO LEFT OF EACH UNIT
 - THE LH GUIDE OF UNIT A CAN BE EITHER TYPE 1 (WIRE GUIDE) OR TYPE 4 (PIN)
 - THE RH GUIDE OF UNIT B CAN BE EITHER TYPE 1 (WIRE GUIDE) AND TYPE 5 (PIN)
 - PELMET SHOWN IN DETAIL C IS A TYPE A 236

INTERNAL CORNER- TYPE IC1

SYSTEM - APPLICATIONS - FIXING OPTIONS

SCALE	DRAWING NO. evSYSTEM-05-01-06.A	SHEET 54 of 60
BY SK	DATE APR'26	CLIENT
CHECKED PA	DATE APR'26	ADDRESS



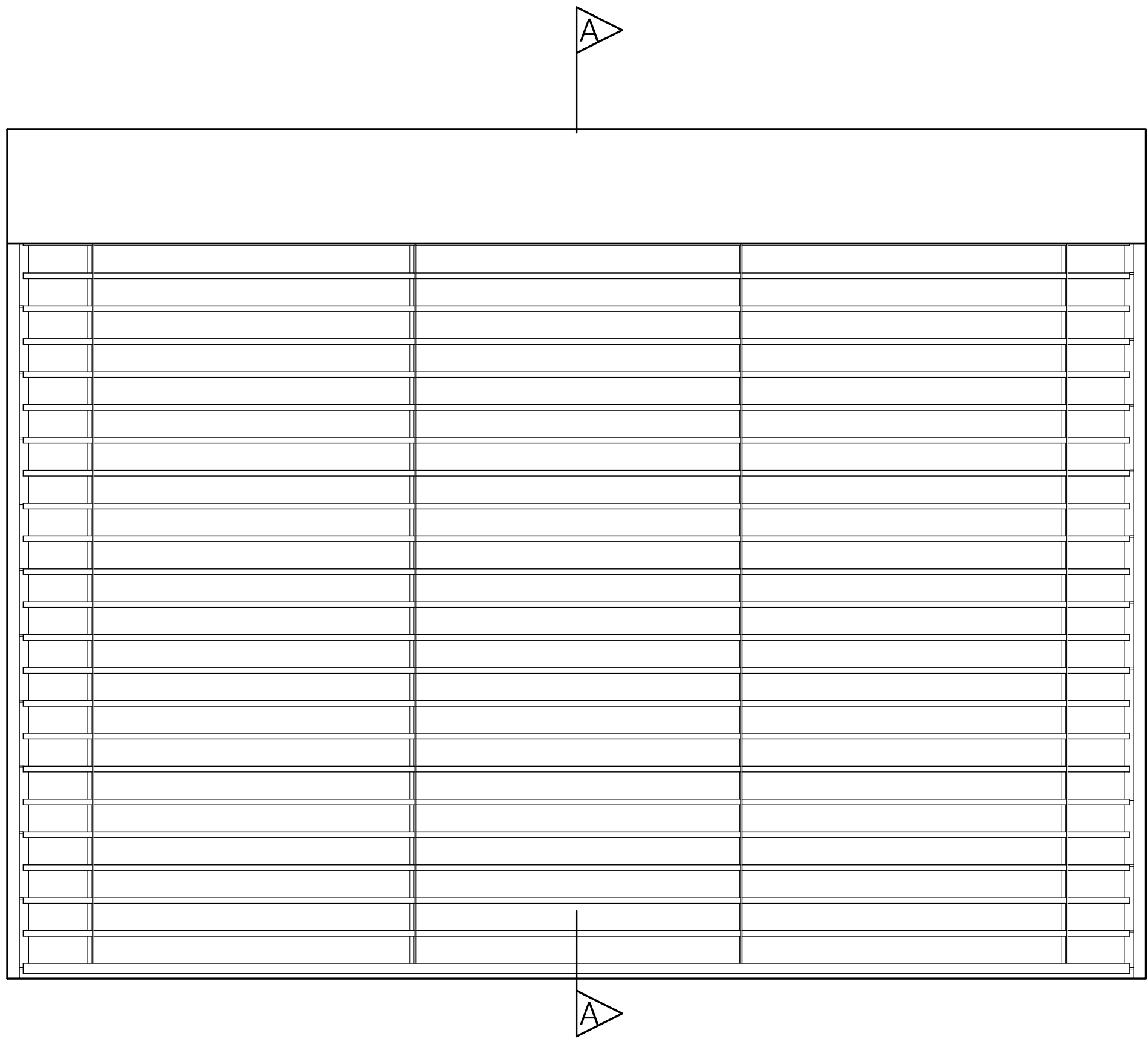
NOTES:

- DRAWING DEMONSTRATES THE CONFIGURATION OF INTERNAL CORNER TYPE IC1
- DETAIL A IS THE STANDARD CONFIGURATION FOR THE WIRE GUIDE SLOTS
- DETAIL B IS THE CUSTOM CONFIGURATION FOR THE WIRE GUIDE SLOTS. MEASUREMENTS ARE TO BE TAKEN FROM RIGHT TO LEFT OF EACH UNIT
- THE LH GUIDE OF UNIT A CAN BE EITHER TYPE 1 (WIRE GUIDE) OR TYPE 4 (PIN)
- THE RH GUIDE OF UNIT B CAN BE EITHER TYPE 1 (WIRE GUIDE) AND TYPE 5 (PIN)
- PELMET SHOWN IN DETAIL C IS A TYPE A 236

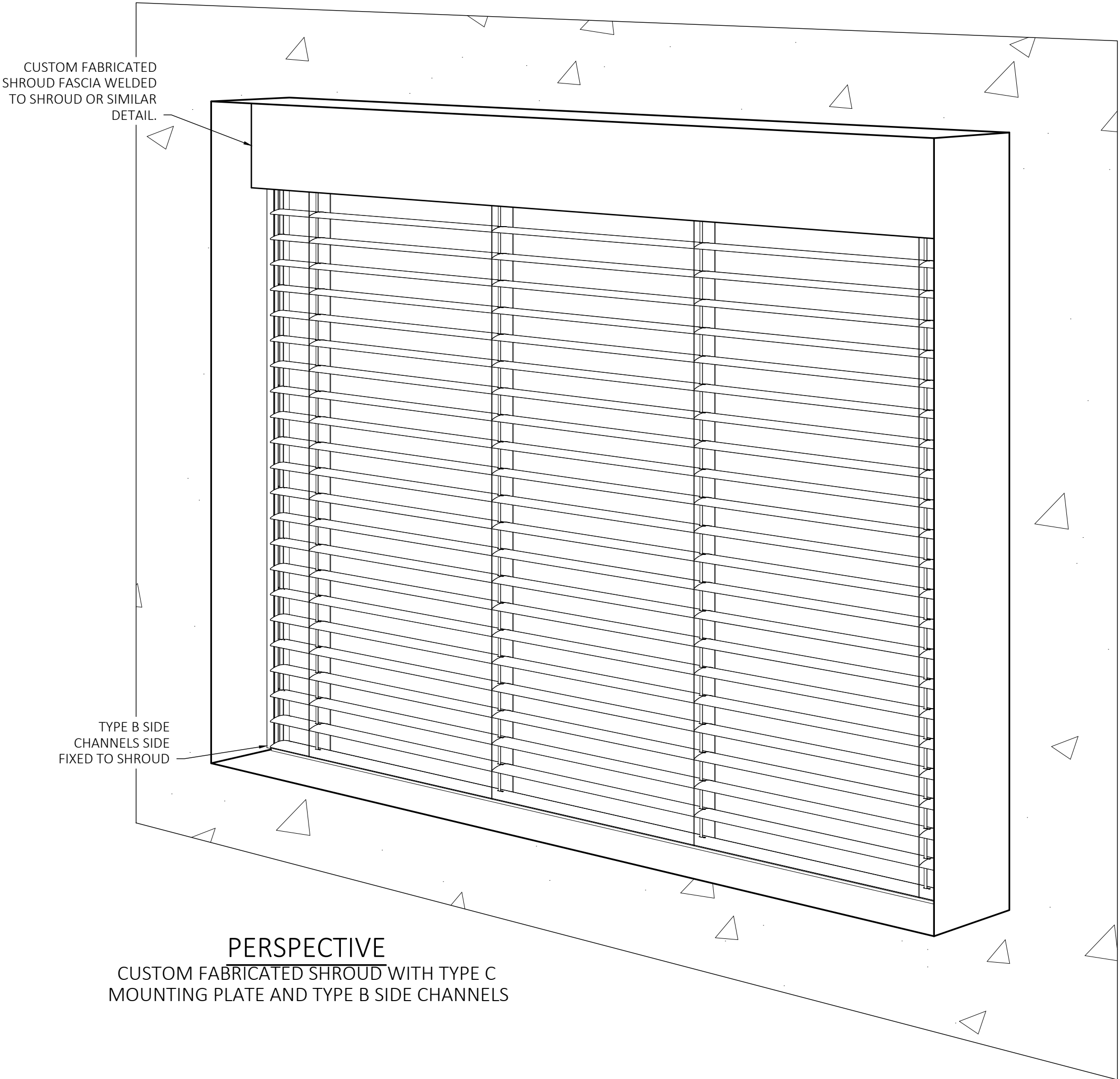
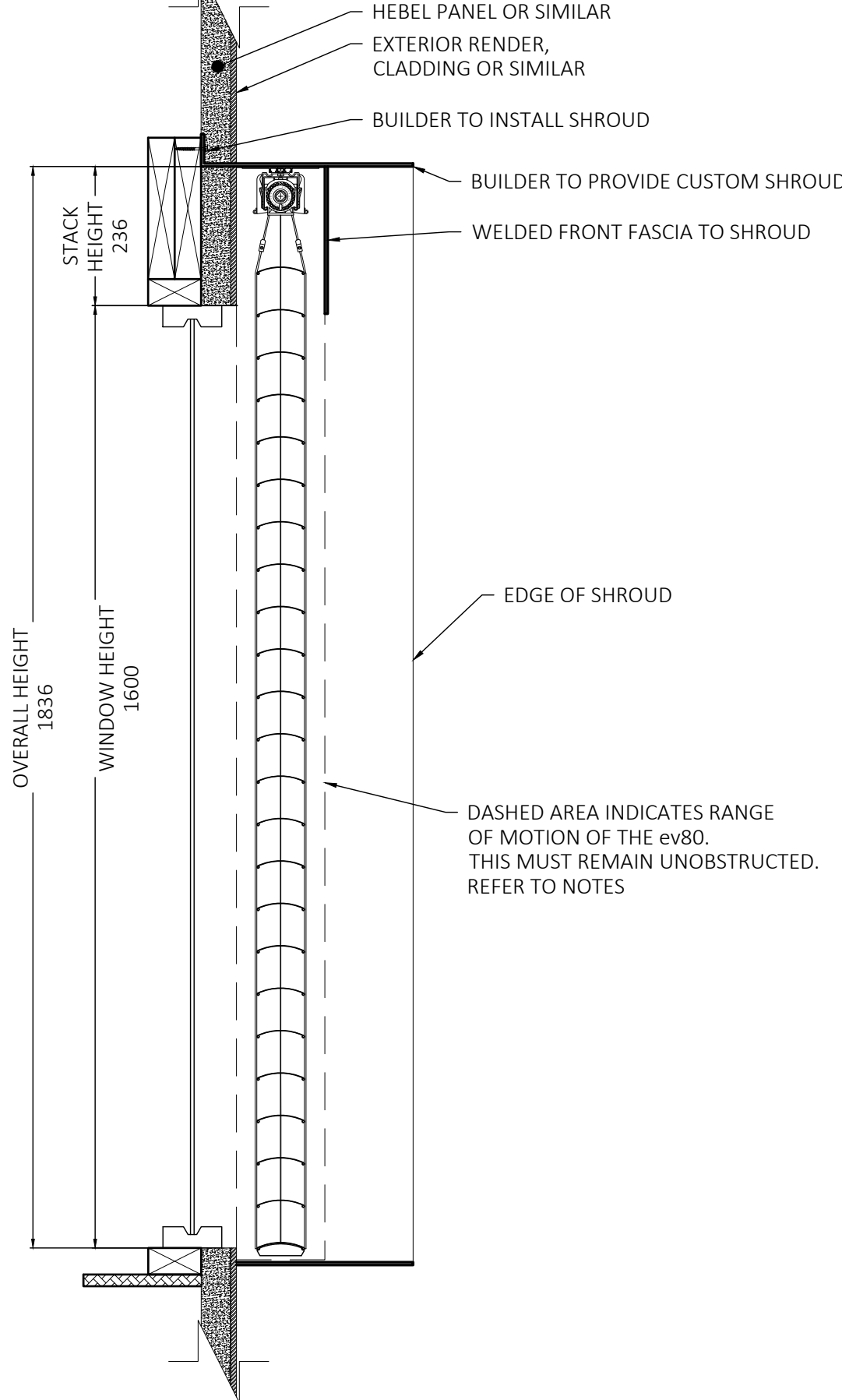
INTERNAL CORNER- TYPE IC2
SYSTEM - APPLICATIONS - FIXING OPTIONS

SCALE	DRAWING NO. evSYSTEM-05-01-06.A	SHEET 55 of 60
BY SK	DATE APR'26	CLIENT
CHECKED PA	DATE APR'26	ADDRESS

FRONT ELEVATION
CUSTOM FABRICATED SHROUD WITH TYPE C MOUNTING PLATE
AND B SIDE CHANNELS

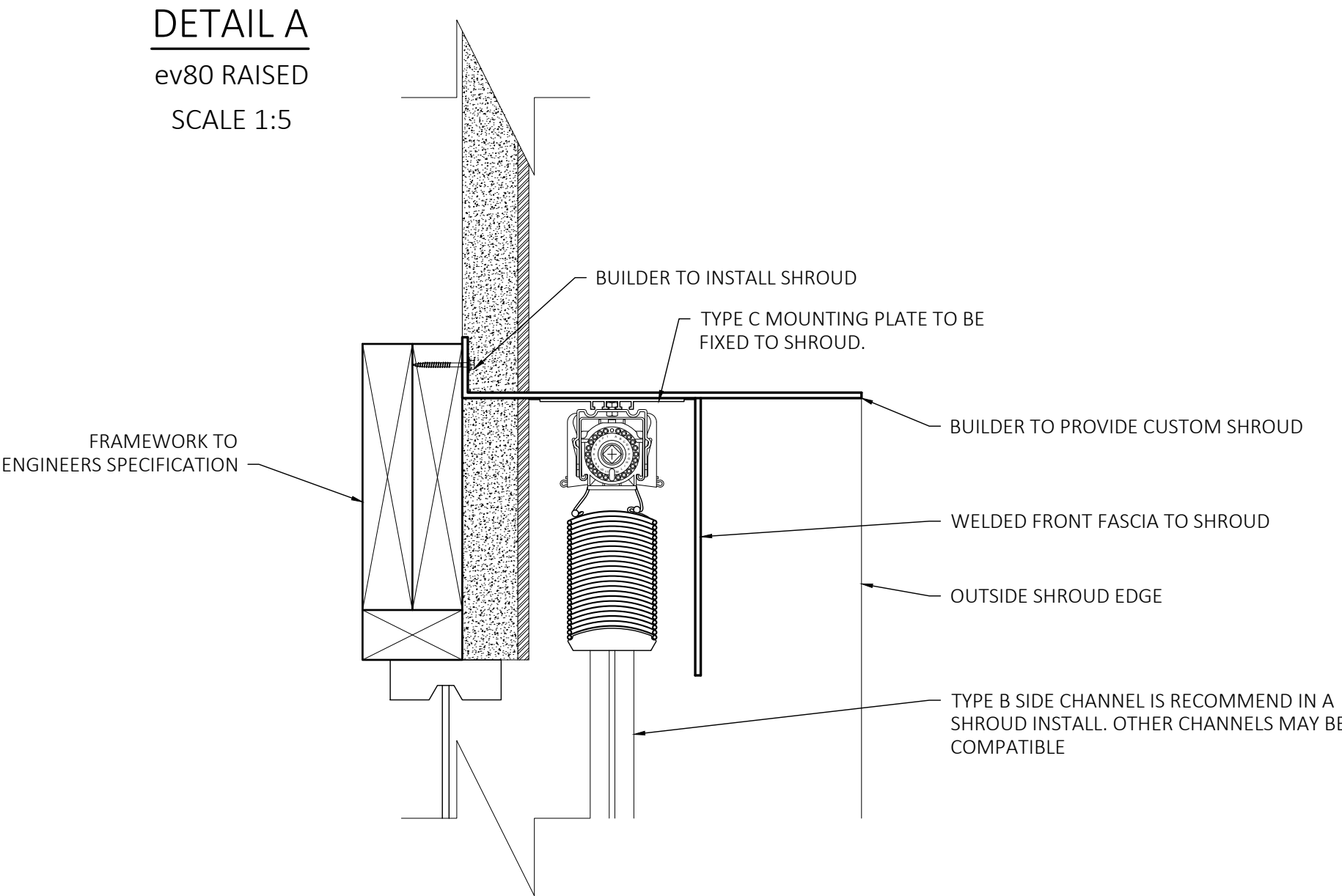


SECTION A-A
LOWERED



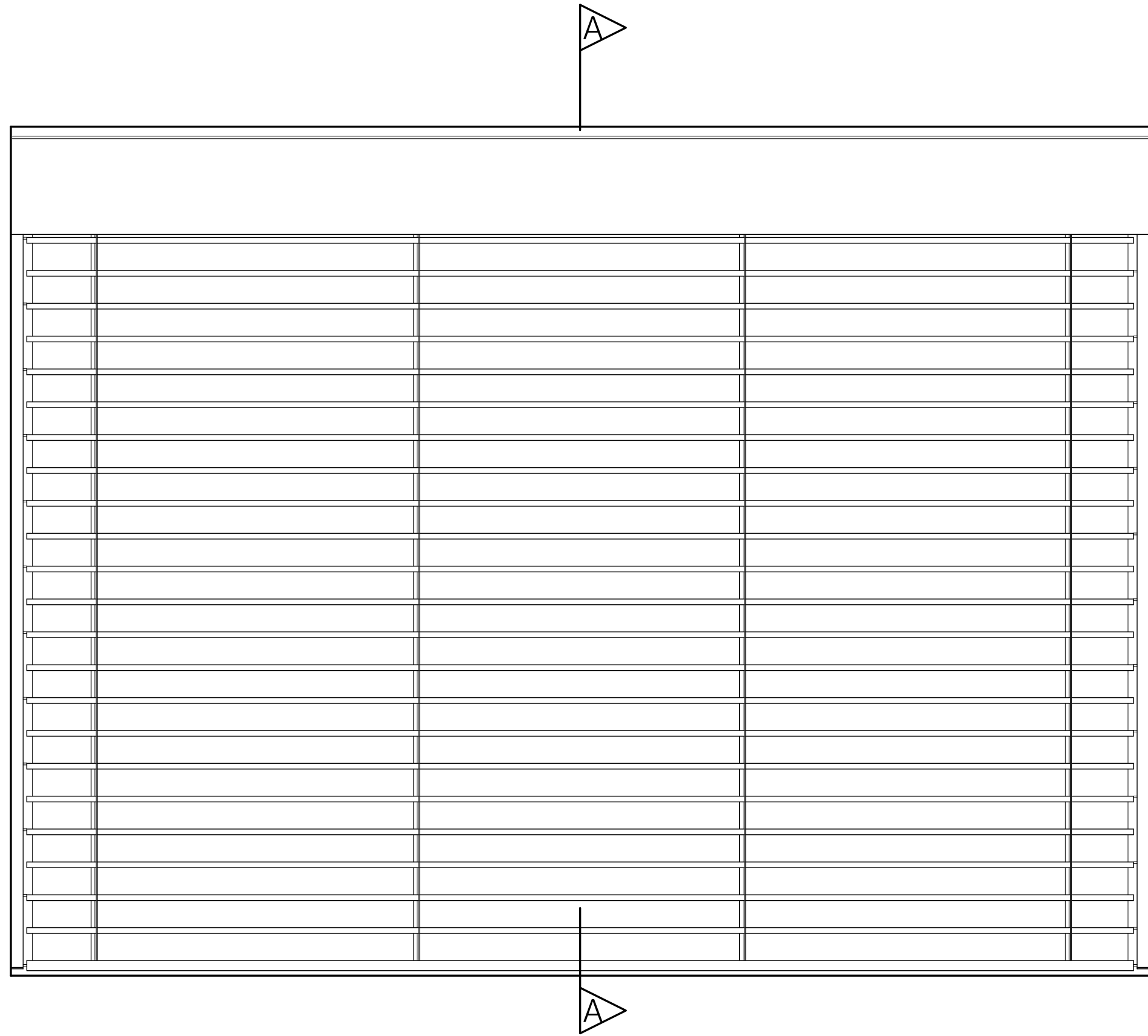
PERSPECTIVE
CUSTOM FABRICATED SHROUD WITH TYPE C
MOUNTING PLATE AND TYPE B SIDE CHANNELS

DETAIL A
ev80 RAISED
SCALE 1:5

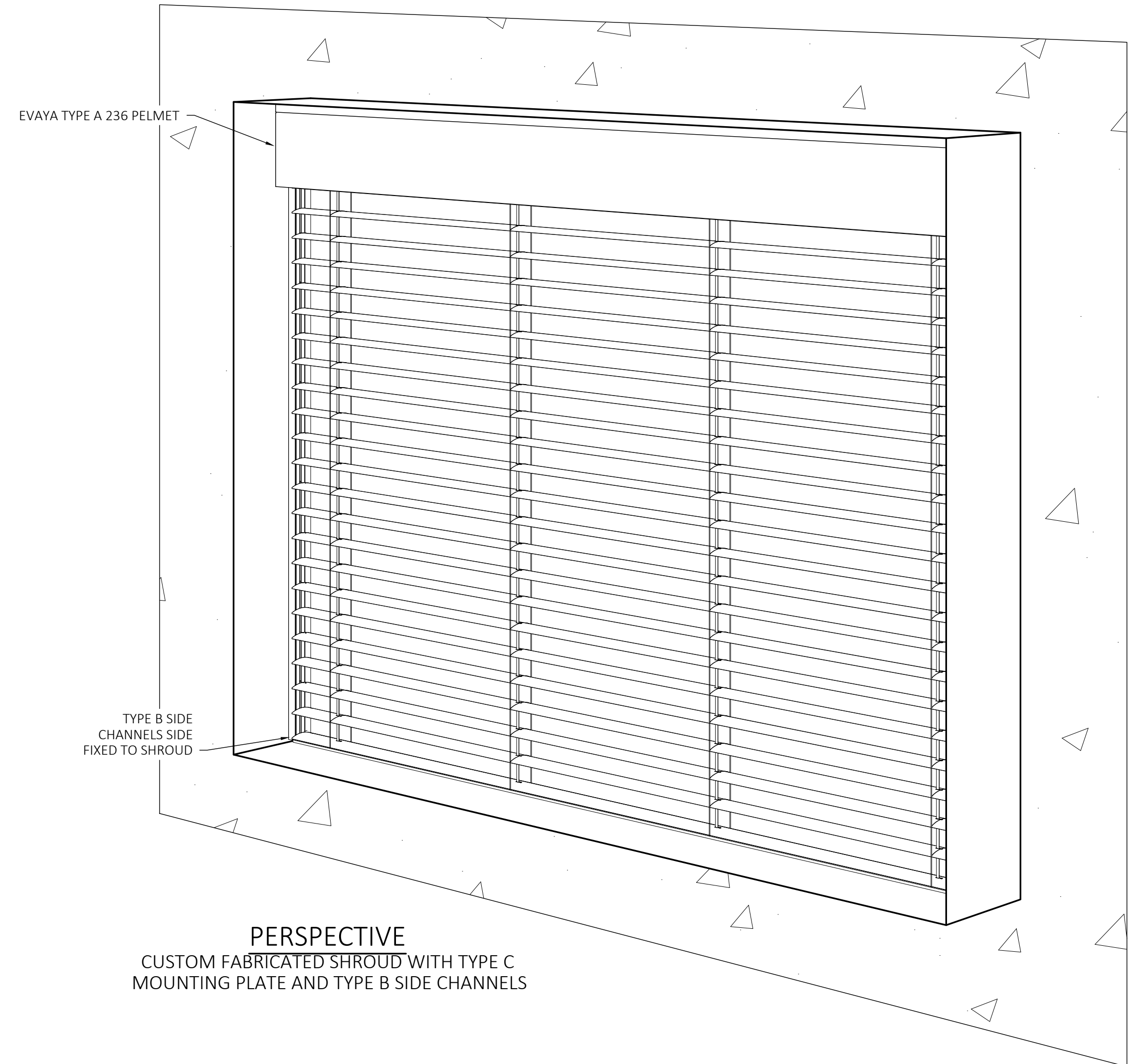
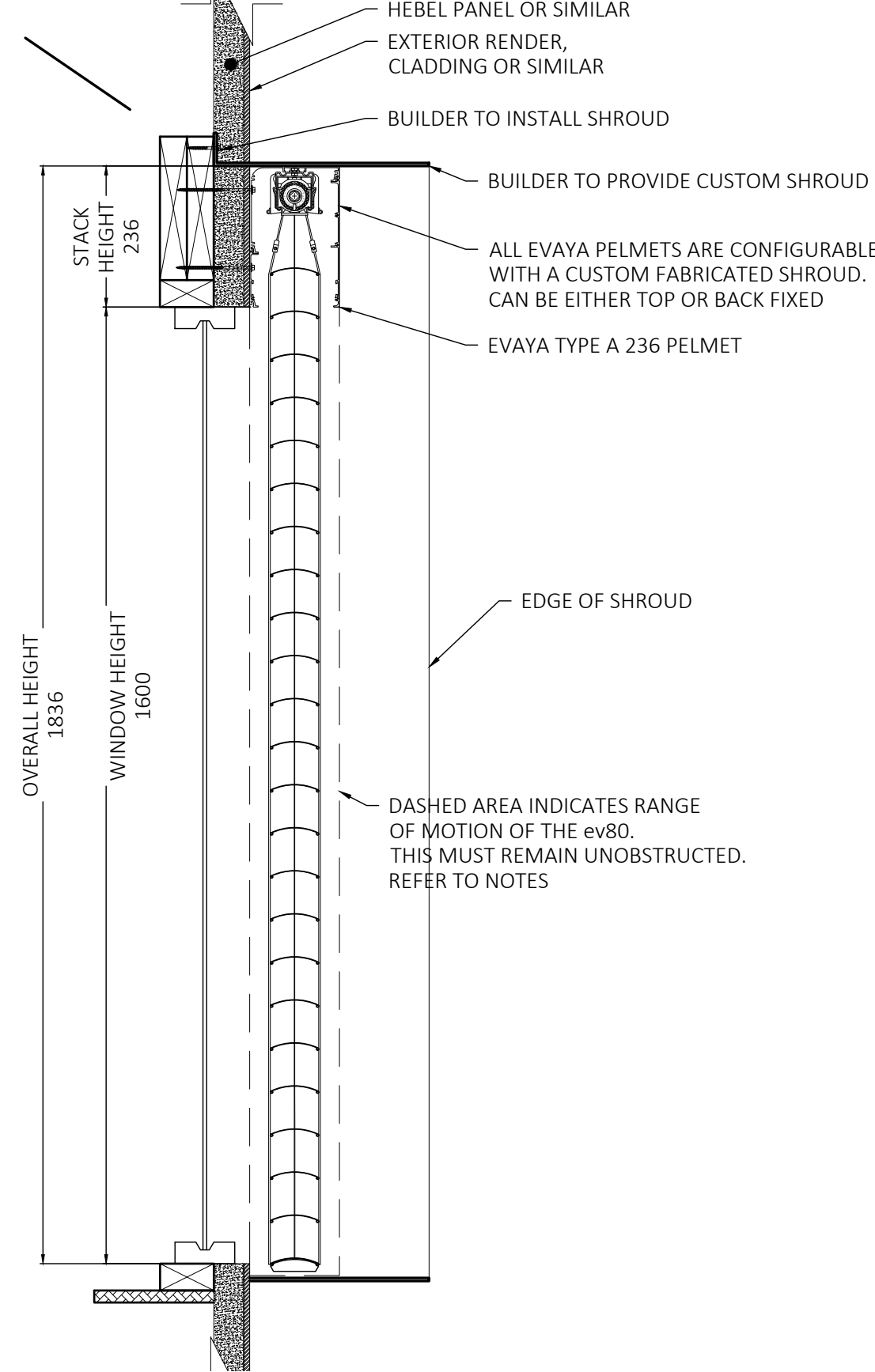


INSTALLATION WITHIN SHROUDS
SYSTEM - APPLICATIONS - FIXING OPTIONS

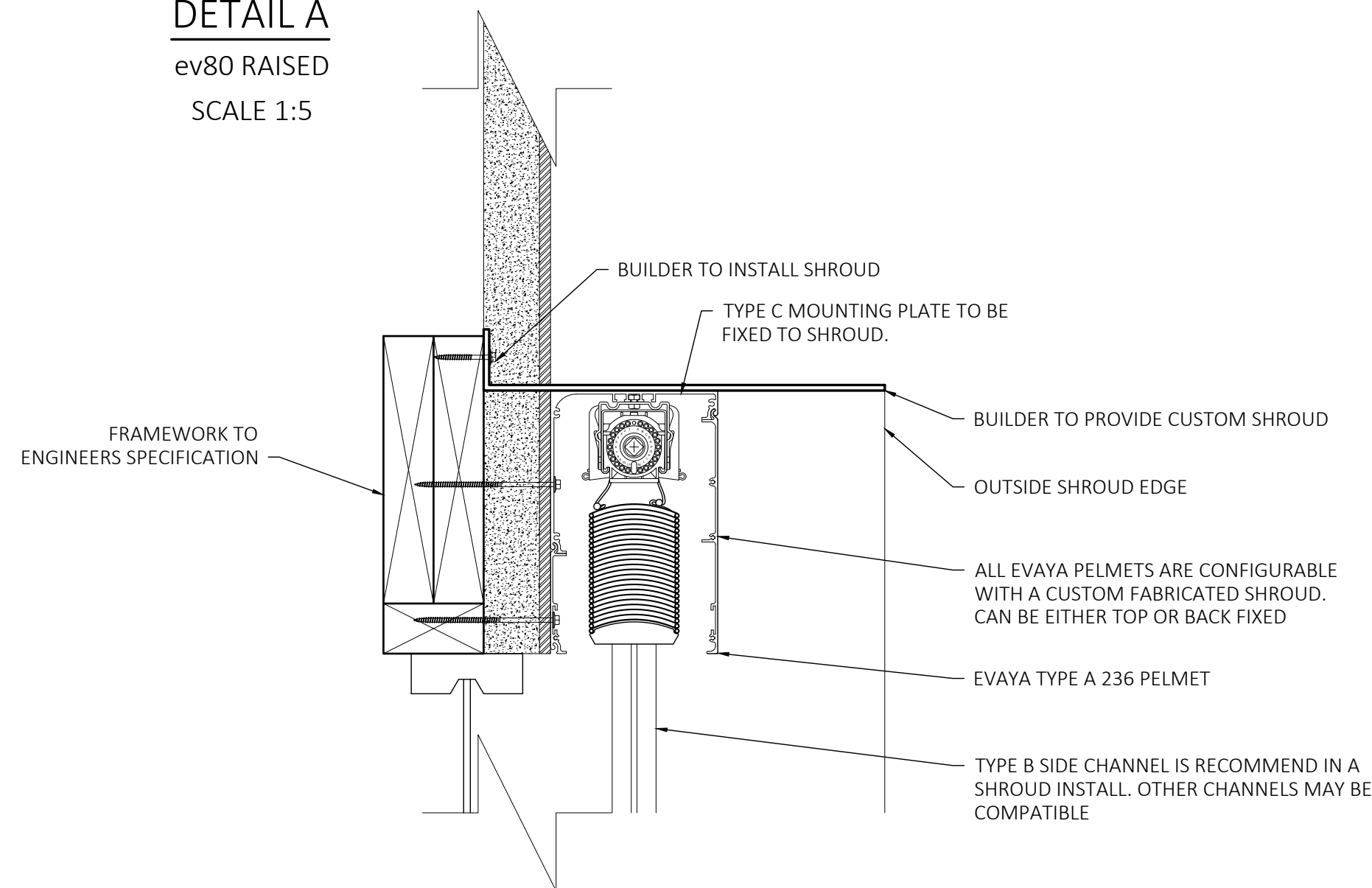
FRONT ELEVATION
TYPE A 236 PELMET WITH TYPE C SIDE CHANNELS



SECTION A-A
LOWERED

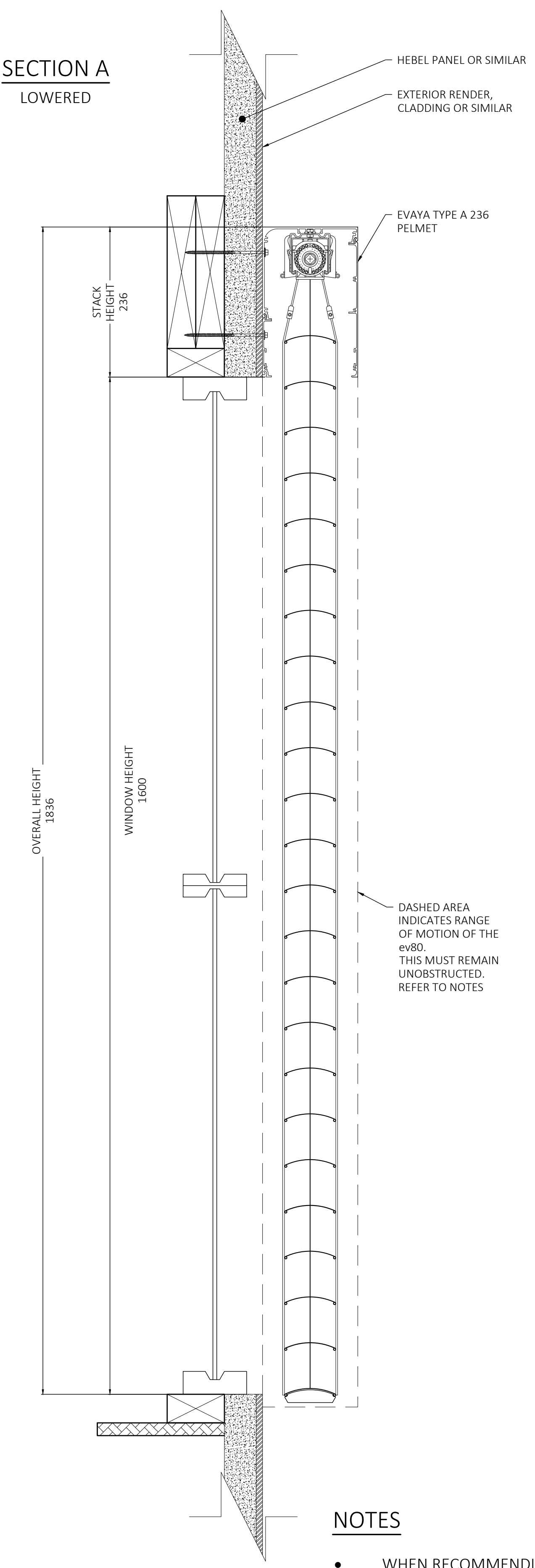


DETAIL A
ev80 RAISED
SCALE 1:5

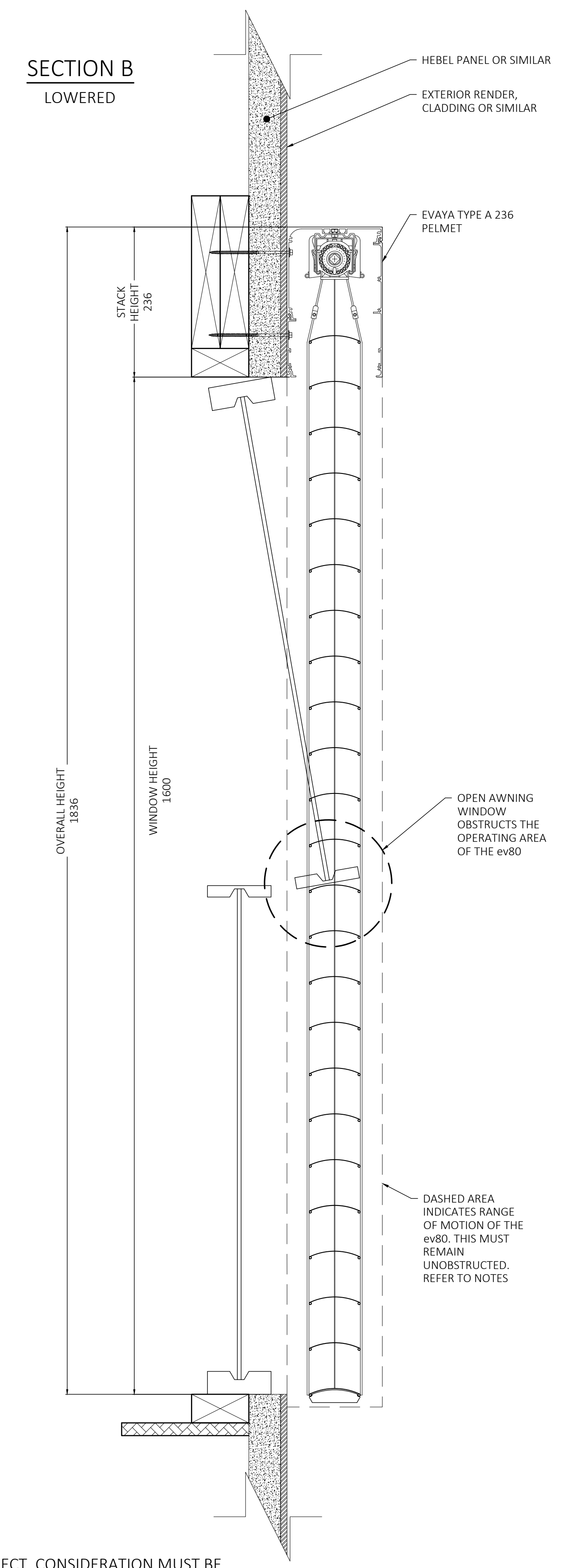


INSTALLATION WITHIN SHROUDS SYSTEM - APPLICATIONS - FIXING OPTIONS

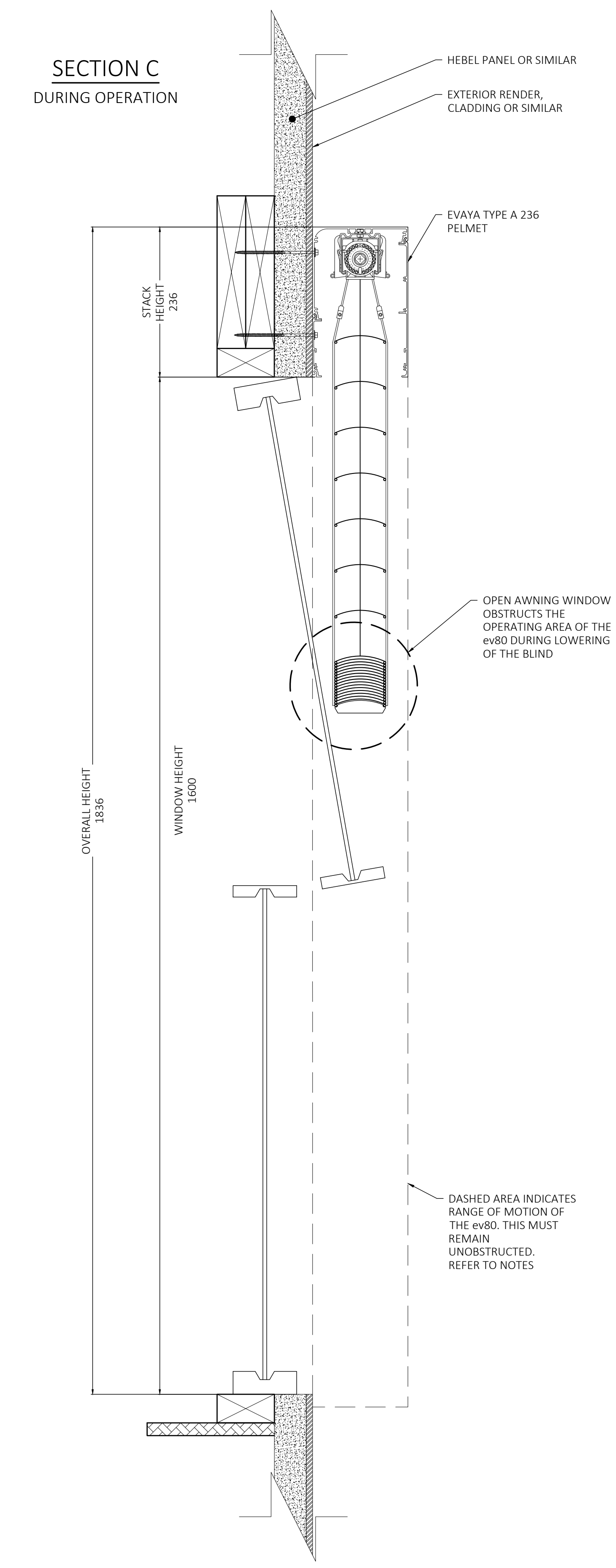
SECTION A
LOWERED



SECTION B
LOWERED



SECTION C
DURING OPERATION

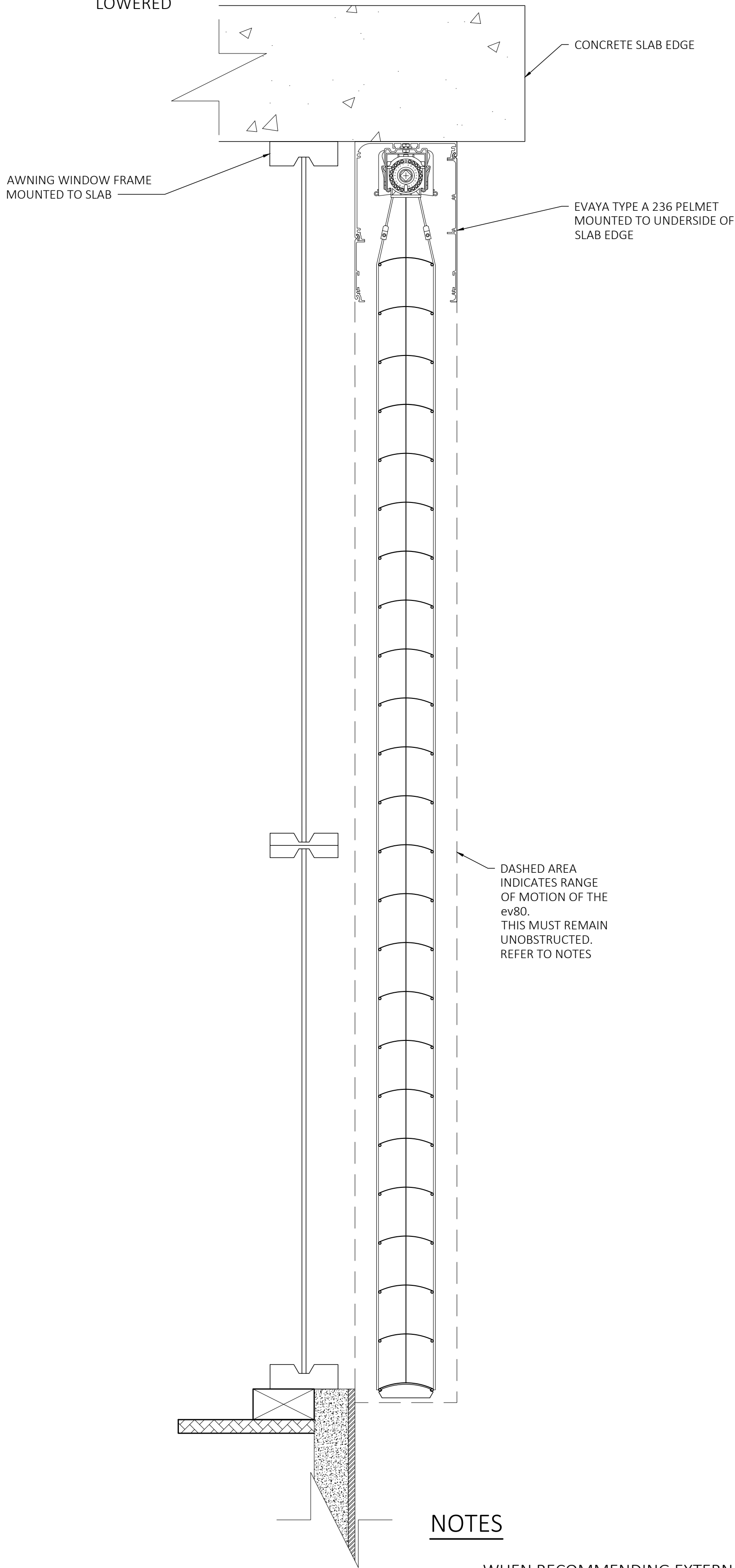


NOTES

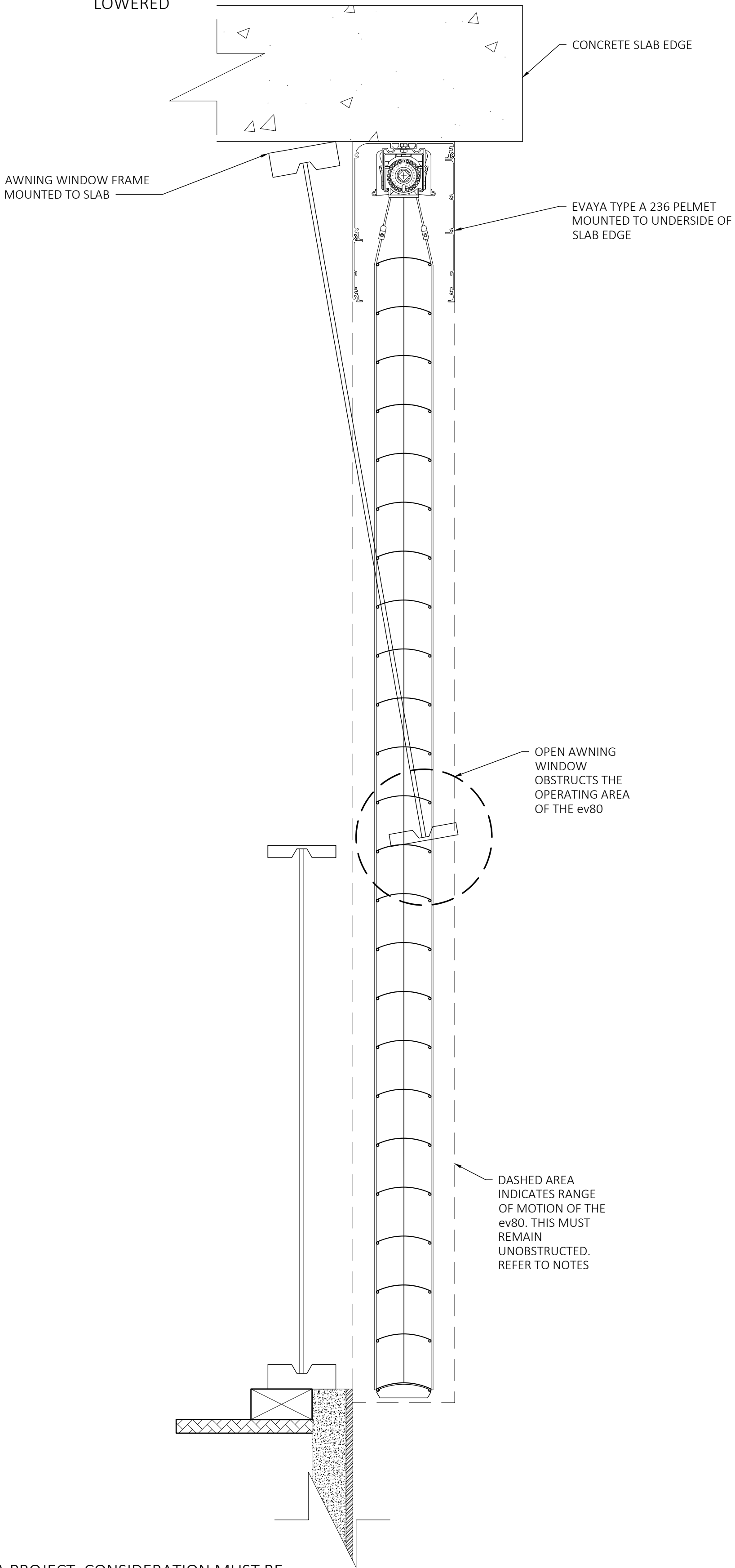
- WHEN RECOMMENDING EXTERNAL VENETIANS FOR A PROJECT, CONSIDERATION MUST BE GIVEN FOR THE TYPE OF WINDOW THEY ARE INSTALLED AGAINST
- OUTWARD OPENING AWNING AND CASEMENT WINDOWS PRESENT A POTENTIAL OBSTRUCTION HAZARD. THERE IS THE RISK CLIENTS WILL ACCIDENTALLY LOWER THE BLINDS WITH THE WINDOWS IN THE OPEN POSITION WHICH DAMAGE THE ev80 UNIT AND POSSIBLY THE WINDOW.
- SASH SLIDERS ARE A FAR MORE PRACTICAL ALTERNATIVE AS THEY ALLOW MAXIMUM AIRFLOW AND VENTILATION, EVEN WHEN BLIND IS LOWERED
- DASHED OPERATING AREA OF BLIND MUST REMAIN UNOBSTRUCTED
- INTERFERENCE MUST BE TAKEN INTO CONSIDERATION AND AVOIDED

AWNING WINDOW-FACE FIX
SYSTEM - APPLICATIONS - REFERENCES

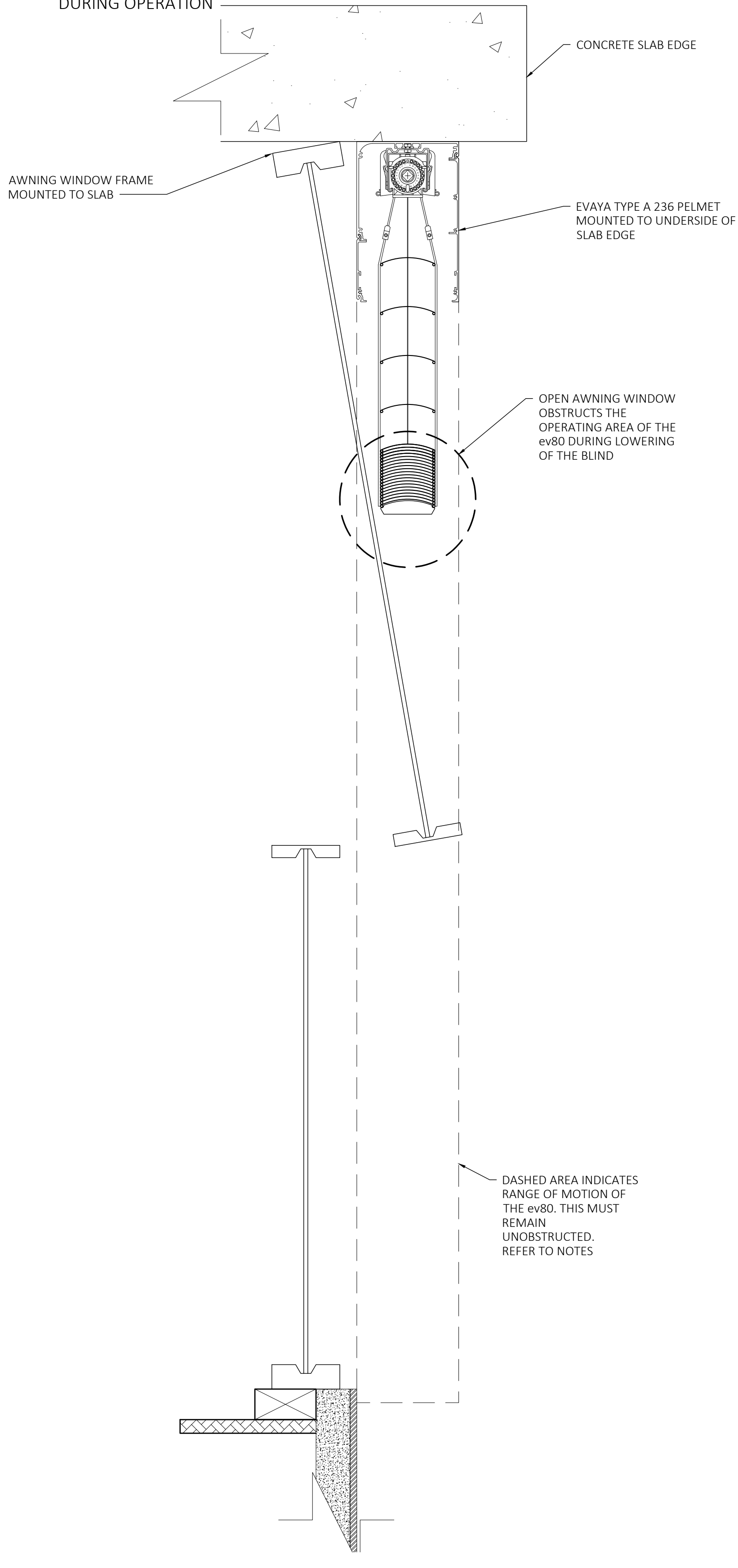
SECTION A
LOWERED



SECTION B
LOWERED



SECTION C
DURING OPERATION



NOTES

- WHEN RECOMMENDING EXTERNAL VENETIANS FOR A PROJECT, CONSIDERATION MUST BE GIVEN FOR THE TYPE OF WINDOW THEY ARE INSTALLED AGAINST
- OUTWARD OPENING AWNING AND CASEMENT WINDOWS PRESENT A POTENTIAL OBSTRUCTION HAZARD. THERE IS THE RISK CLIENTS WILL ACCIDENTALLY LOWER THE BLINDS WITH THE WINDOWS IN THE OPEN POSITION WHICH DAMAGE THE ev80 UNIT AND POSSIBLY THE WINDOW.
- SASH SLIDERS ARE A FAR MORE PRACTICAL ALTERNATIVE AS THEY ALLOW MAXIMUM AIRFLOW AND VENTILATION, EVEN WHEN BLIND IS LOWERED
- DASHED OPERATING AREA OF BLIND MUST REMAIN UNOBSTRUCTED
- INTERFERENCE MUST BE TAKEN INTO CONSIDERATION AND AVOIDED

AWNING WINDOW-SLAB EDGE
SYSTEM - APPLICATIONS - REFERENCES

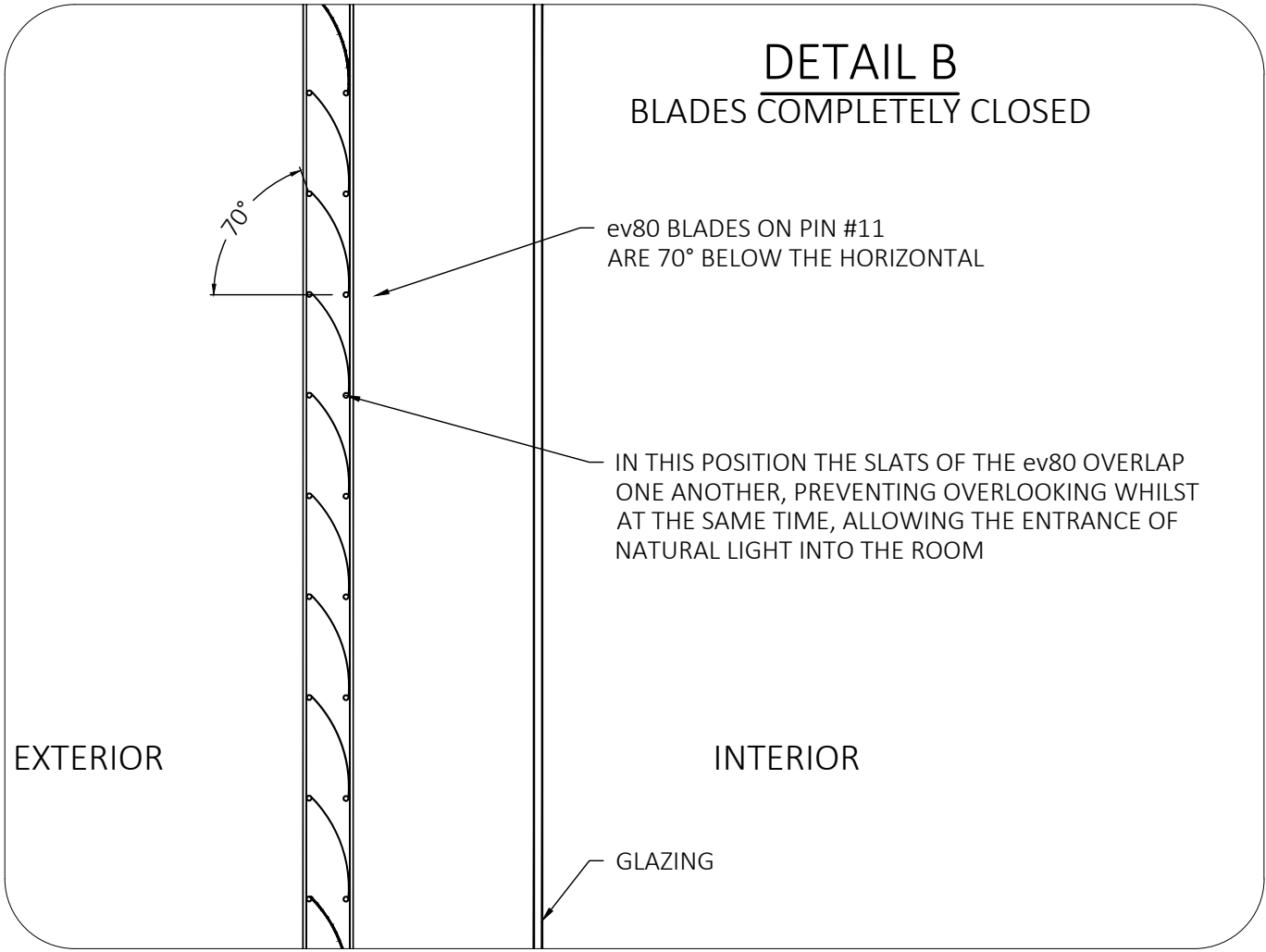
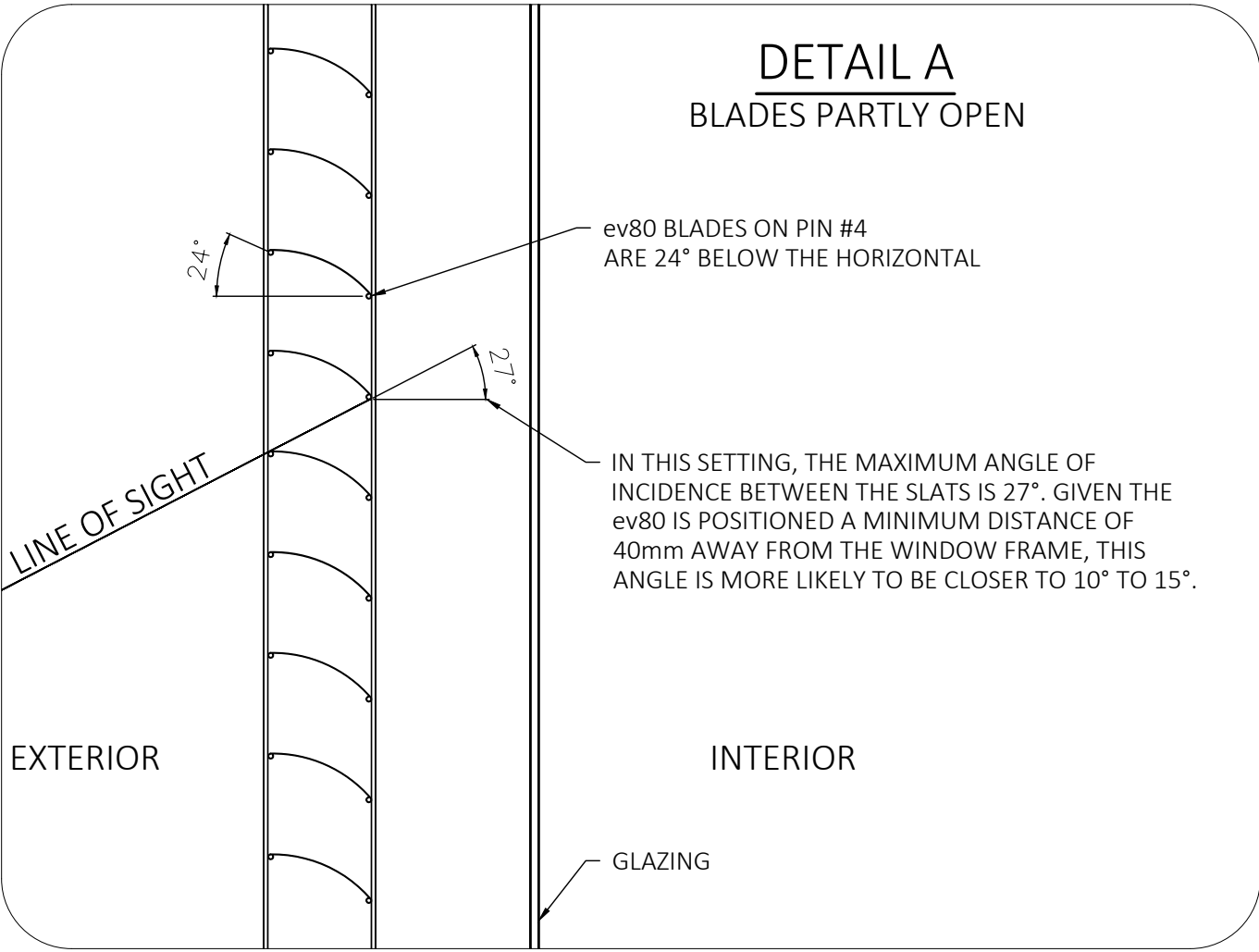
SCALE 1:5 @ A1	DRAWING NO. evSYSTEM-05-02-01.A	SHEET 59 of 60
BY SK	DATE JUN '26	CLIENT
CHECKED PA	DATE JUN '26	ADDRESS

NOTES

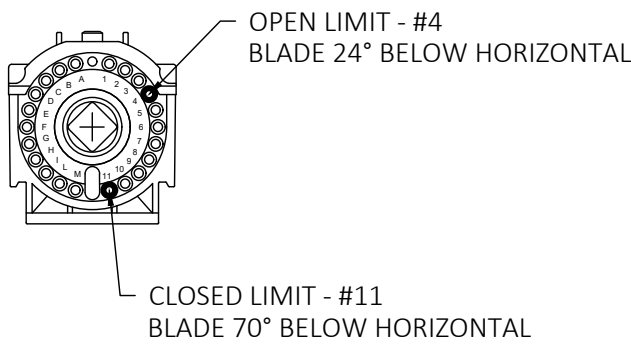
BUILDING REGULATIONS 2018 - REG 84

Overlooking

- (1) A habitable room window or raised open space of a building on an allotment must not provide a direct line of sight into a habitable room window or on to a secluded private open space of an existing dwelling on an adjoining allotment.
- (2) In the case of a direct line of sight from a habitable room window, the line of sight is any line measured from a height of 1.7 m above the floor level of the habitable room and contained within the space enclosed by—
- (a) a vertical plane measured at an angle of 45° from each side of the window; and
 - (b) a horizontal plane 1.7 m above the floor level of the habitable room; and
 - (c) the ground level below; and
 - (d) a horizontal distance of 9 m from the window.
- (3) In the case of a direct line of sight from a raised open space, the line of sight is any line measured from a height of 1.7 m above the floor level and along the perimeter of the raised open space to any point within a horizontal distance of 9 m from the raised open space and extending 45° beyond any point where the perimeter of the raised open space meets a wall of a building.
- (4) In the case of a secluded private open space, the horizontal distance of 9 m referred to in subregulation (2)(d) or (3) is to be measured from the ground level.
- (5) A habitable room window complies with this regulation if—
- (a) in the case where a habitable room window provides a direct line of sight into a habitable room window of an existing dwelling on an adjoining allotment, it is offset a minimum of 1.5 m from the edge of one window to the edge of the other; or
 - (b) it has a sill height at least 1.7 m above floor level; or
 - (c) it has obscure glazing in any part of the window below 1.7 m above floor level; or
 - (d) the direct line of sight is obscured by a permanent and fixed screen that has no more than 25% of its area open.
- (6) A raised open space complies with this regulation if the direct line of sight into the habitable room window or on to the secluded private open space on the adjoining allotment is obscured by a permanent and fixed screen which has no more than 25% of its area open.
- (7) A window referred to in subregulation (5)(c) may be able to be opened provided that when open the obscure glazing does not permit a direct line of sight on to the secluded private open space or into the habitable room window referred to in subregulation (1).
- (8) This regulation does not apply to a new habitable room window or raised open space that faces a property boundary if—
- (a) there is a visual barrier at least 1.8 m high at the boundary; and
 - (b) the floor level of the room or the raised open space is less than 800 mm above the ground level at the boundary.



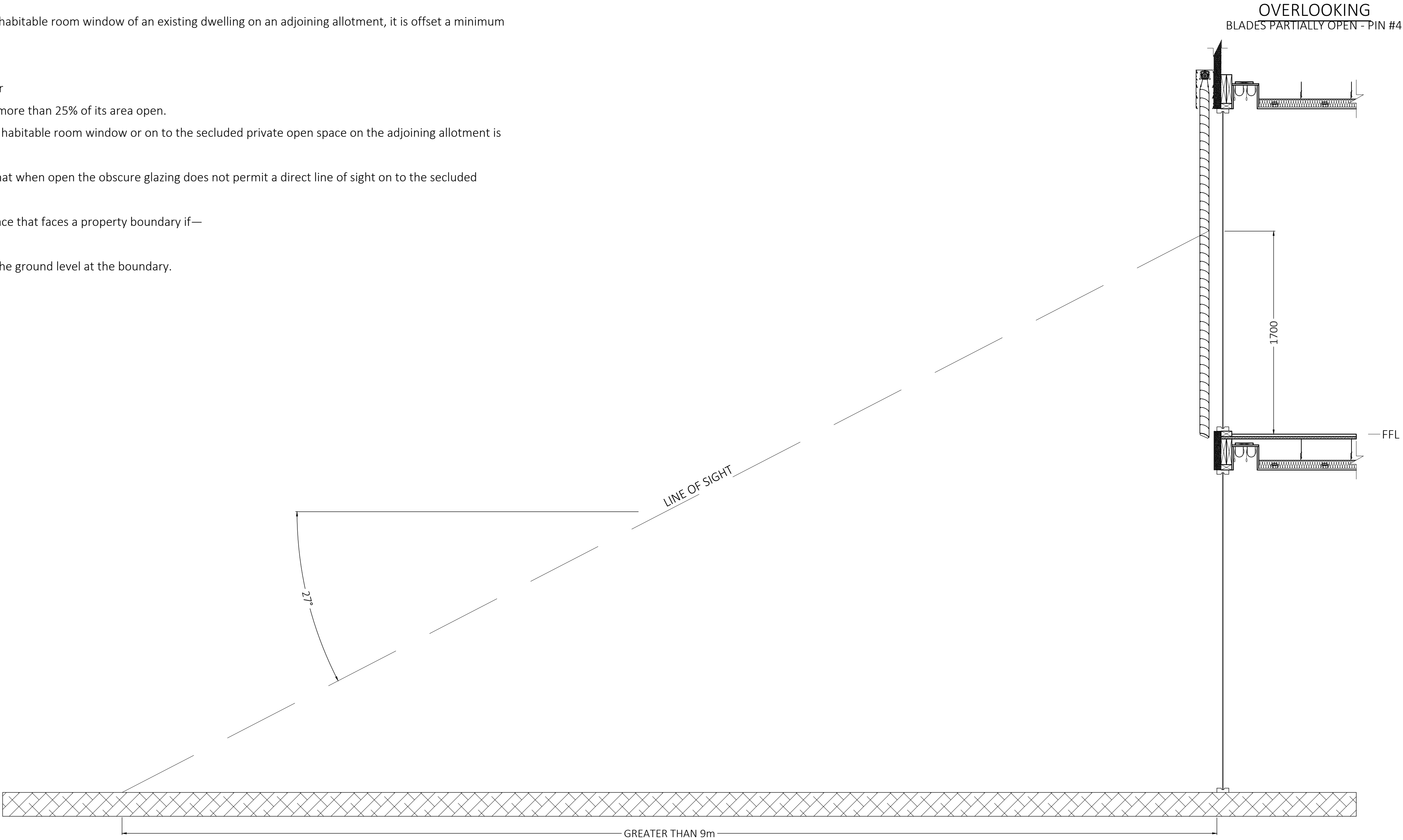
ev80 BEARING
SLAT ROTATION SETTINGS



NOTES

VICTORIAN BUILDING REGULATION 2018 - REG 84 OVERLOOKING

- TO COMPLY, VERTICAL HEIGHT = HEIGHT OF FIRST FLOOR FROM BASELINE + 1.7m
- REFERRING TO DETAIL A, USE 27° FROM THE HORIZONTAL
- CALCULATE THE HORIZONTAL DISTANCE, MUST BE GREATER THAN 9m



OVERLOOKING - REG 84

SYSTEM - APPLICATIONS - REFERENCES