NANAWALL PRODUCT DRAWINGS

QUOTE NUMBER:
ORDER NUMBER:
PROJECT NAME: SL73_Floor_HWPS_DG_O5R
CUSTOMER: Jurgen Schroeder

GENERAL NOTES

1. MATERIAL SUPPLIER. NANA WALL SYSTEMS INC. (“NANAWALL”) IS A MATERIAL SUPPLIER OF SLIDING & FOLDING PANEL SYSTEMS. NANAWALL DOES NOT PROVIDE INSTALLATION SERVICES OR DESIGN/ENGINEER SURROUNDING CONDITIONS AROUND THE OPENINGS TO WHICH NANAWALL'S SYSTEMS ARE TO BE INSTALLED. ANY SURROUNDING CONDITIONS SHOWN IN THESE DRAWINGS ARE MEANT FOR ILLUSTRATIVE PURPOSES ONLY AND WHAT IS SHOWN MAY NOT BE SUITABLE FOR ANY PARTICULAR PROJECT.

2. CUSTOMER RESPONSIBILITY. IT IS THE SOLE RESPONSIBILITY OF THE ARCHITECT, BUILDING OWNER, CONTRACTOR AND/OR CONSUMER (COLLECTIVELY "CUSTOMER") TO ENSURE COMPLIANCE WITH PROJECT PLANS AND SPECIFICATIONS AS WELL AS ALL APPLICABLE CODES AND REGULATIONS, INCLUDING FEDERAL, STATE AND LOCAL REQUIREMENTS. IT IS THE SOLE RESPONSIBILITY OF CUSTOMER TO DETAIL AND INSTALL NANAWALL PRODUCT IN AN OPENING WITH PROPER STRUCTURAL INTEGRITY AND FLASHING DETAILS NECESSARY TO ENSURE A WATER RESISTANT INSTALLATION.

3. ASSEMBLY & INSTALLATION. PRODUCTS ARE SUPPLIED “KNOCKED DOWN” FOR ASSEMBLY AND INSTALLATION BY OTHERS. PROPER ASSEMBLY, INSTALLATION, OPERATION AND MAINTENANCE IS ESSENTIAL FOR PROPER PERFORMANCE. WRITTEN INSTRUCTIONS ARE PROVIDED TO ALL CUSTOMERS TO FOLLOW. IT IS HIGHLY RECOMMENDED THAT AN EXPERIENCED INSTALLER OF NANAWALL'S PRODUCTS BE USED FOR RELEVANT ASPECTS OF ASSEMBLY AND INSTALLATION.

THE ROUGH OPENINGS MUST BE PLUMB, LEVEL, SQUARE AND WITHIN SPECIFIED BUILDING TOLERANCES. HEAD TRACK AND SILL (BOTTOM TRACK) COMPONENTS MAY BE SHIPPED IN SEGMENTS THAT WILL NEED TO BE FIELD JOINED PER NANAWALL INSTRUCTIONS. MAKE SURE THAT WHEN INSTALLED, THE JOINTS BETWEEN THE HEAD TRACK AND SILL COMPONENTS ARE SMOOTH AND TIGHT.

SPECIFIC AND DETAILED INSTALLATION METHODS AND MATERIALS MUST BE PROVIDED BY OTHERS, INCLUDING BUT NOT LIMITED TO FASTENER SELECTION AND METHOD OF ATTACHMENT, CAULKING/SEALANT AT DISSIMILAR MATERIALS, FLASHING, AND INCORPORATION INTO THE BUILDING ENVELOPE FOR APPROPRIATE WATERPROOFING.

4. STRUCTURAL SUPPORT. THE STRUCTURAL INTEGRITY OF THE FLOOR, HEADER AND/OR OVERHEAD SUPPORT FOR THE OPENING, AND ANY STACKING AREAS, IS CRITICAL FOR PROPER PERFORMANCE AND OPERATION. THE CALCULATIONS, MATERIALS AND INSTALLATION DETAILS MUST BE PROVIDED BY OTHERS.

THE VERTICAL DEFLECTION AT THESE AREAS UNDER FULL LIVE AND DEAD LOADS SHOULD BE THE LESSER OF L/720 OF THE SPAN OR 1/4". THE HEADER, SURROUNDING WALLS AND FLOOR MUST ALSO BE ABLE TO SUPPORT ANY LATERAL LOADS. PERIMETER FASTENERS AND SUBSTRATE MUST BE CAPABLE OF WITHSTANDING REACTION FORCES IMPOSED BY WIND AND/OR DEAD LOAD. THERE MAY BE ADDITIONAL STRUCTURAL REQUIREMENTS NOT MENTIONED HERE.

SPECIFIC AND DETAILED STRUCTURAL SUPPORT REQUIREMENTS MUST BE PROVIDED BY OTHERS, INCLUDING, BUT NOT LIMITED TO, SIZES, LOCATIONS OR FREQUENCY OF PERIMETER FASTENERS; ANCHORING TO THE SUBSTRATE; STRUCTURAL CALCULATIONS; AND ENGINEERING OF DETAILED ALUMINUM, WOOD AND GLASS SYSTEMS.

5. UNIT SIZES & ROUGH OPENING. CHECK SIZES ON DRAWINGS CAREFULLY AND NOTE THE MEASUREMENT POINTS FOR UNIT WIDTH AND UNIT HEIGHT. APPROPRIATE SHIM SPACE MUST BE ADDED ON ALL FOUR (4) SIDES OF THE OPENING TO OBTAIN THE ROUGH OPENINGS. NOTE THE POSITION OF THE SILL RELATIVE TO THE FINISH FLOOR OR FINISH COUNTERTOP. ANY CHANGES ON WIDTH OR HEIGHT WILL REQUIRE REVISED DRAWINGS FOR FINAL APPROVAL.

6. ORIENTATION OF DRAWINGS. ELEVATIONS ARE VIEWED FROM THE INTERIOR FOR ALL NANAWALL SYSTEMS, WITH THE EXCEPTION OF THE HSW75, FSW75 AND CSW75 WHICH ARE VIEWED FROM THE EXTERIOR. CAREFULLY CHECK THE CONFIGURATIONS SHOWN FOR ACCURACY, INCLUDING NUMBER OF PANELS ON EACH SIDE OF THE OPENING AND DIRECTION OF SWING. FOR FOLDING SYSTEMS, THERE MUST BE AN ODD NUMBER OF PANELS IN EITHER DIRECTION TO HAVE A SWING PANEL THAT CAN BE OPERATED LIKE A MAN DOOR.

7. PRODUCT PERFORMANCE & TESTING. NANAWALL HAS NOT TESTED EACH PRODUCT FOR AIR LEAKAGE, WATER RESISTANCE AND STRUCTURAL LOADING CAPABILITIES. TESTING RESULTS AVAILABLE FROM NANAWALL ARE ONLY APPLICABLE FOR THE SPECIFIC UNITS AND CONFIGURATIONS TESTED IN LABORATORY CONDITIONS. TEST RESULTS WILL DEPEND ON VARIABLES SUCH AS THE SYSTEM, SILL, LOCKING MECHANISM, SIZE AND CONFIGURATION.

DEPENDING ON SITE CONDITIONS, SILLS MAY NEED TO BE SITE MODIFIED BY OTHERS WITH WEEP HOLES FOR PROPER DRAINAGE. THE HIGH PERFORMANCE (RAISED) SILL IS CAPABLE OF A HIGHER WATER RESISTANCE CAPABILITY. NON-STANDARD UNITS, E.G. SEGMENTED OR CORNERLESS UNITS, WILL HAVE A LOWER PERFORMANCE RATING THAN A STANDARD UNIT. SEE NANAWALL LITERATURE AND WEBSITE FOR FURTHER INFORMATION.

SYSTEM INFORMATION

SYSTEM ON THIS DRAWING: SL73 FOLDING SYSTEM (ALU)

CONFIGURATION: OUTWARD 5 RIGHT

TYPE OF GLASS: CLEAR INSULATED TEMPERED 20MM , SPACER BAR WITH SILVER GRAY FINISH

HARDWARE FIRST OPENING PANEL(S): MULTI-POINT LOCKING WITH LATCH, DEADBOLT, AND LEVER HANDLES ON BOTH SIDES ON SWING PANEL (DOES NOT UNLOCK WITH ONE MOTION)

HARDWARE AND FINISH ON SECONDARY PANEL(S): 2 POINT LOCKING WITH STANDARD HANDLE STAINLESS STEEL WITH BRUSHED SATIN FINISH

HINGE FINISH: SILVER GRAY

SILL TYPE: HIGHER WEATHER PERFORMANCE SILL

SILL FINISH: CLEAR ANODIZED

PROFILE FINISH SCHEDULE

O WOOD	DESCRIPTION:
● ANODIZED ALUMINUM CLEAR ANODIZED	NOTE: A REASONABLE DEGREE OF COLOR/FINISH VARIATION CAN BE EXPECTED IN VARIOUS COMPONENTS OF PRODUCT DUE TO DIFFERENT MATERIAL AND VARIATION FROM ANY SAMPLE PROVIDED. FOR WOOD PRODUCTS, THE COLOR AND TEXTURE CAN VARY, EVEN WITHIN THE SAME PIECE OF WOOD.
O POWDER COATED ALUMINUM	

GENERAL NOTES - continued

A WATER RATING IS RELATIVE AND EVEN THE HIGHEST RATED PRODUCT MIGHT LEAK UNDER SEVERE, UNUSUAL, OR UNFORESEEN CLIMATIC CONDITIONS. PERFORMANCE OF NANAWALL PRODUCTS DEPENDS ON PROPER INSTALLATION AND USE OF THE PRODUCTS, AS WELL AS SELECTION OF THE PROPER SYSTEM FOR THE SITE CONDITIONS.

NANAWALL WILL NOT BE RESPONSIBLE FOR ANY COSTS ASSOCIATED WITH FIELD TESTING OF ANY NANAWALL PRODUCT. ANY TESTING OF NEWLY INSTALLED PRODUCT MUST BE PERFORMED IN COMPLIANCE WITH AAMA 502, INCLUDING WATER PENETRATION TESTING AT 2/3 TESTED LABORATORY PERFORMANCE. NANAWALL MUST RECEIVE ADEQUATE NOTICE OF TESTING AND OPPORTUNITY TO ATTEND. FAILURE OF TESTED PRODUCT DOES NOT EQUATE TO A FAILURE OF OTHER PRODUCTS. TESTING OF PRODUCT INSTALLED LONGER THAN SIX (6) MONTHS MUST BE TESTED IN COMPLIANCE WITH AAMA 511 AND BE DIRECTED AT RECREATION OF AN EXISTING IN-SERVICE CONDITION.

BUYER TO CONFIRM FROM APPLICABLE NANAWALL DESIGN WINDLOAD CHARTS THAT POSITIVE AND NEGATIVE DESIGN PRESSURES FOR THE PROJECT ARE MET FOR THE PANEL SIZES OF THE UNITS IN THE ORDER. THESE WINDLOAD CHARTS HAVE BEEN DERIVED FROM COMPARATIVE ANALYSIS OF STRUCTURAL LOAD TEST RESULTS PER ASTM E330 OF A TEST SPECIMEN. THE USE OF THESE WINDLOAD CHARTS WILL BE SUBJECT TO THE LIMITATIONS STATED ON THEM.

8. PROTECTION. ALL GLASS AND FINISHED MATERIAL MUST BE PROTECTED DURING THE CONSTRUCTION PHASE FROM ALL TYPES OF CONSTRUCTION OPERATIONS SUCH AS CEMENT SPLATTER, TAR, PAINT, WELDING OPERATIONS, FIREPROOFING OR ANY OTHER PROCESS THAT MAY BE HARMFUL TO THE APPEARANCE OR PERFORMANCE OF THE PROJECT MATERIALS.

9. UNLOADING PRODUCT. FOR STANDARD DELIVERY, UNLOADING OF PRODUCT FROM THE DELIVERY TRUCK IS THE RESPONSIBILITY OF BUYER. DUE TO THE WEIGHT OF THE PRODUCT, APPROPRIATE MANPOWER AND/OR EQUIPMENT WILL BE NEEDED.

10. TEMPERED GLASS. ON RARE OCCASIONS, TEMPERED GLASS PANES SPONTANEOUSLY BREAK FOR NO APPARENT REASON. ONE POSSIBLE CAUSE IS NICKEL SULFIDE INCLUSIONS IN TEMPERED GLASS THAT CANNOT BE COMPLETELY PREVENTED. IN NANAWALL ALL GLASS SYSTEMS WITH NO VERTICAL STILES, ANOTHER POSSIBLE REASON FOR SPONTANEOUS GLASS BREAKAGE IS STRESS CONCENTRATIONS AROUND NICKS OR CHIPS NEAR THE EDGE OF THE GLASS PANES. PANELS SHOULD BE MOVED WITH CARE TO PREVENT GLASS-TO-GLASS CONTACT BETWEEN PANELS. INSTALL THE GLASS PROTECTOR GASKETS PROVIDED BY NANAWALL TO MINIMIZE THE CHANCE OF BREAKAGE SHOULD GLASS CONTACT OCCUR. ANY DAMAGED GLASS PANES ARE NOT THE RESPONSIBILITY OF NANAWALL AND SHOULD BE REPLACED AS SOON AS POSSIBLE.

11. NANAWALL DRAWINGS. THESE COPYRIGHTED DRAWINGS HAVE BEEN PREPARED IN ACCORDANCE WITH NANAWALL'S ORDER AGREEMENT AND ANY ACCEPTED CHANGE ORDER. FINAL APPROVAL BY THE BUYER CONSTITUTES ACCEPTANCE OF ALL DEVIATIONS TO THE CONTRACT DOCUMENTS MADE BY NANAWALL IN THESE DRAWINGS.

THESE DRAWINGS REPRESENT NANAWALL'S INTERPRETATION OF THE APPLICATION OF PRODUCTS TO THIS PROJECT IN FUNCTIONAL COMPLIANCE WITH THE ORDER AGREEMENT. IT IS IMPORTANT THAT THIS INTERPRETATION BE REVIEWED DIMENSIONALLY AND FUNCTIONALLY WITH RESPECT TO THE ARCHITECT'S ACTUAL INTENT, INTERFACING CONDITIONS, MATERIALS AND JOB SITE CONDITIONS. NANAWALL ASSUMES NO RESPONSIBILITY FOR ERRORS RESULTING FROM THE USE OF THESE DRAWINGS BY OTHER TRADES.

ANY CHANGES IN DIMENSIONS, DESIGN OR LAYOUT MADE AFTER PRODUCT DRAWINGS ARE PREPARED MAY RESULT IN THE NEED FOR REVISED DRAWINGS. REVISED DRAWINGS WILL RESULT IN AN EXTRA CHARGE TO BE DETERMINED BY NANAWALL AND PAID BY CUSTOMER BEFORE THE DRAWINGS ARE REVISED.

ALL DRAWINGS ARE ACCURATE IN METRIC DIMENSIONS. ENGLISH DIMENSIONS SHOWN ARE ROUNDED TO THE NEAREST 1/16". PRODUCT DRAWINGS SHOULD **NOT** BE SCALED. SCALE NOTED ON DRAWINGS ARE BASED ON A 24" X 36" PAPER FORMAT.

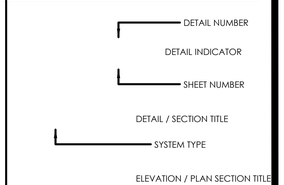
12. UNAUTHORIZED USE OF DRAWINGS. IN NO EVENT SHALL BUYER DISCLOSE, COPY OR USE ANY OF THE PRODUCT DRAWINGS PREPARED BY NANAWALL FOR ANY PURPOSE OTHER THAN IN RELATION TO THE PURCHASE OR INSTALLATION OF NANAWALL PRODUCT. ANY OTHER USE OF THESE PRODUCT DRAWINGS IS EXPRESSLY PROHIBITED WITHOUT THE PRIOR WRITTEN CONSENT OF NANAWALL. NANAWALL IS ENTITLED TO LIQUIDATED DAMAGES IN THE AMOUNT OF 20% OF THE PURCHASE PRICE OF THE CONTRACT FOR SALE FOR EACH VIOLATION.

IF YOU WOULD LIKE TO RECEIVE ELEVATION, FLOOR PLAN AND CROSS SECTION DETAILS IN AUTOCAD, PLEASE CONTACT NANAWALL

ABBREVIATIONS

AFF	= ABOVE FINISH FLOOR	MM	= MILIMETERS
℄	= CENTER LINE	NBN	= NOT BY NANAWALL
DIM.	= DIMENSION	NTS	= NOT TO SCALE
DLO	= DAYLIGHT OPENING	OD	= OPENING DIMENSION
DO	= DOOR OPENING	OFD	= OVERALL FRAME DIMENSION
EL	= ELEVATION	RO	= ROUGH OPENING
EQ	= EQUAL	SDL	= SIMULATED DIVIDED LITE
FS	= FRAME SIZE	TBD	= TO BE DETERMINED
FF	= FINISH FLOOR	UW	= UNIT WIDTH

SYMBOLS



NOTES:

SHEET INDEX

NO.	DESCRIPTION		EXTRA INFORMATION	
1	COVER SHEET			
2	INSTALLATION DETAIL SHEET(S)		NFRC:	
3	ELEVATIONS & PLAN SECTIONS			
4	DETAIL SHEET(S)			

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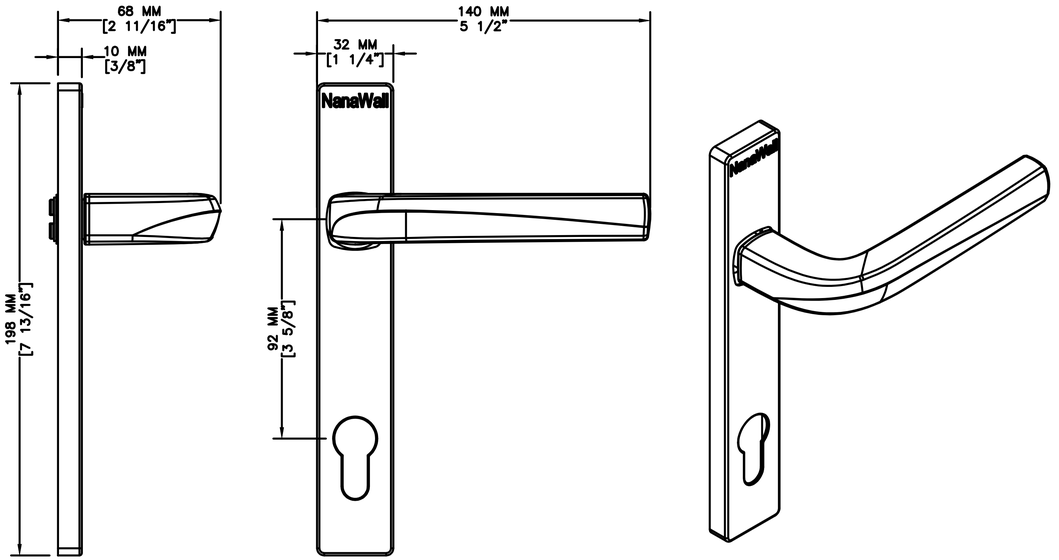
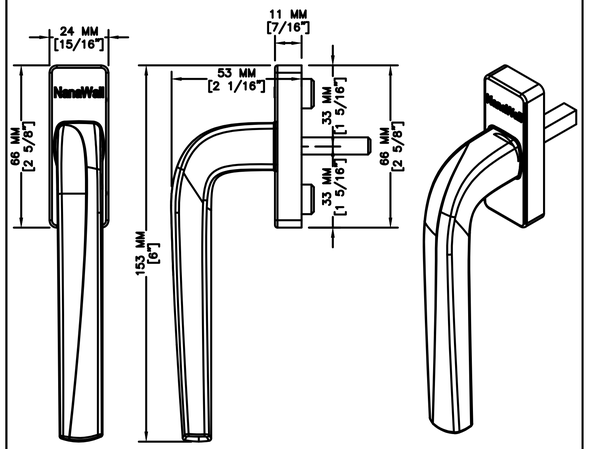
DETAILS ON PAGE 2 ARE NOT TO SCALE (SEE OWNER'S MANUAL FOR MORE DETAILS)

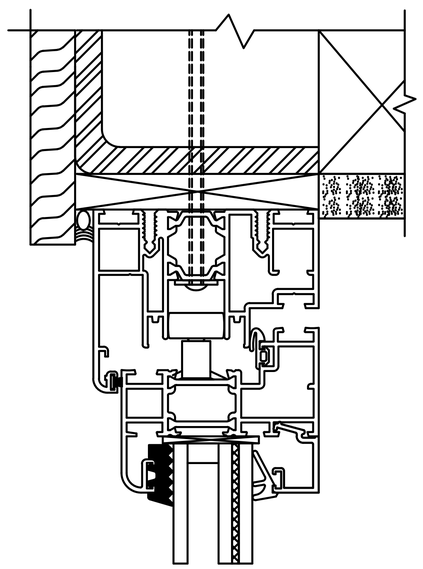


(2) LEVER HANDLE IN STAINLESS STEEL



(1) STANDARD HANDLE

INWARD



(SG) SUGGESTED TYPICAL INSTALLATION FOR HEAD TRACK

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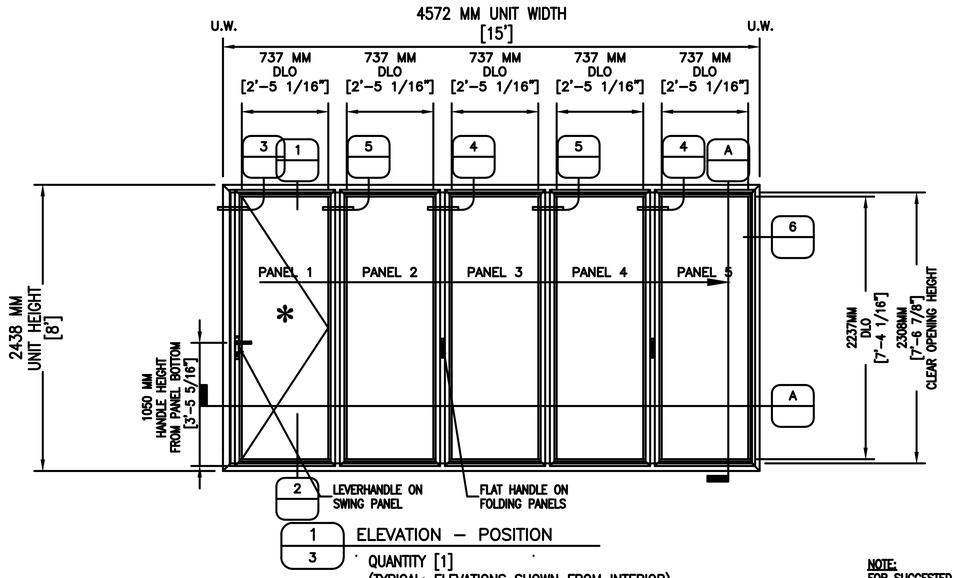


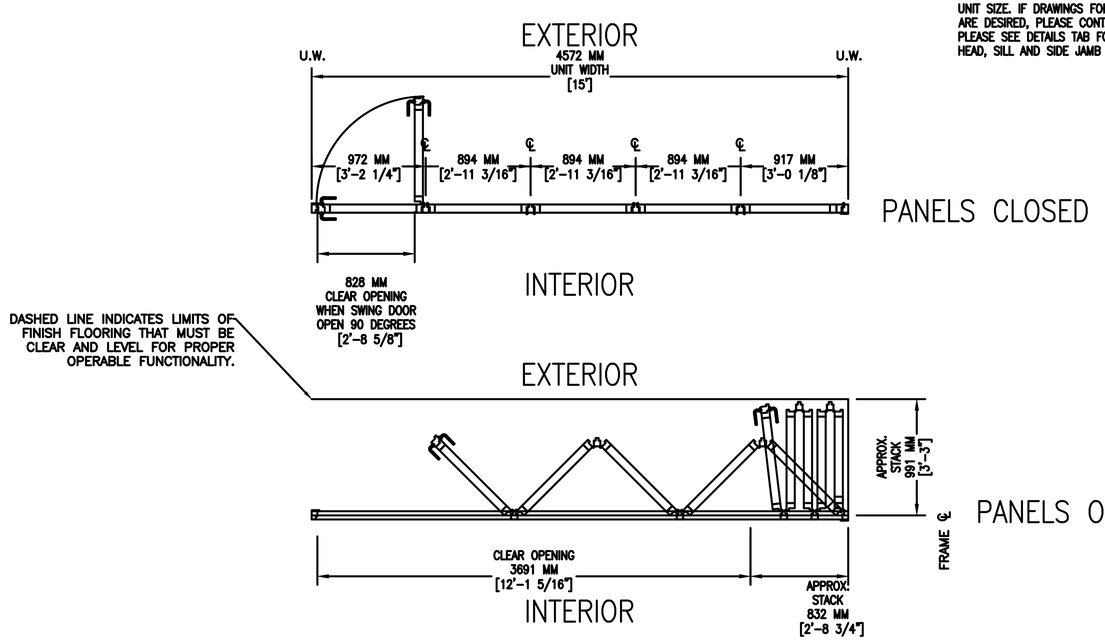
1/3 ELEVATION – POSITION

· QUANTITY [1]
(TYPICAL: ELEVATIONS SHOWN FROM INTERIOR)

NANA WALL SL73 FOLDING SYSTEM (ALU)
CONFIGURATION: OUTWARD 5 RIGHT
SILL TYPE: HIGHER WEATHER PERFORMANCE SILL
MOUNT OPTION: FLOOR

* FIRST PANEL OPEN

NOTE:
FOR SUGGESTED ROUGH OPENING DIMENSION PLEASE SEE FRAME SECTION DETAILS ON FOLLOWING DETAIL SHEET
THESE DRAWINGS ARE BASED ON A UNIT HEIGHT OF 8' AND UNIT WIDTH IN INCREMENTS OF 3' FOR EACH PANEL. THE PURPOSE IS ONLY TO SHOW RELEVANT CROSS SECTION DETAILS AND VARIOUS DIMENSIONS APPLICABLE ONLY FOR THIS SPECIFIC UNIT SIZE. IF DRAWINGS FOR OTHER UNIT SIZES ARE DESIRED, PLEASE CONTACT NANAWALL.
PLEASE SEE DETAILS TAB FOR CROSS SECTIONS OF HEAD, SILL AND SIDE JAMB



A/4 PLAN SECTION (POSITION)

· 1/2"=1'

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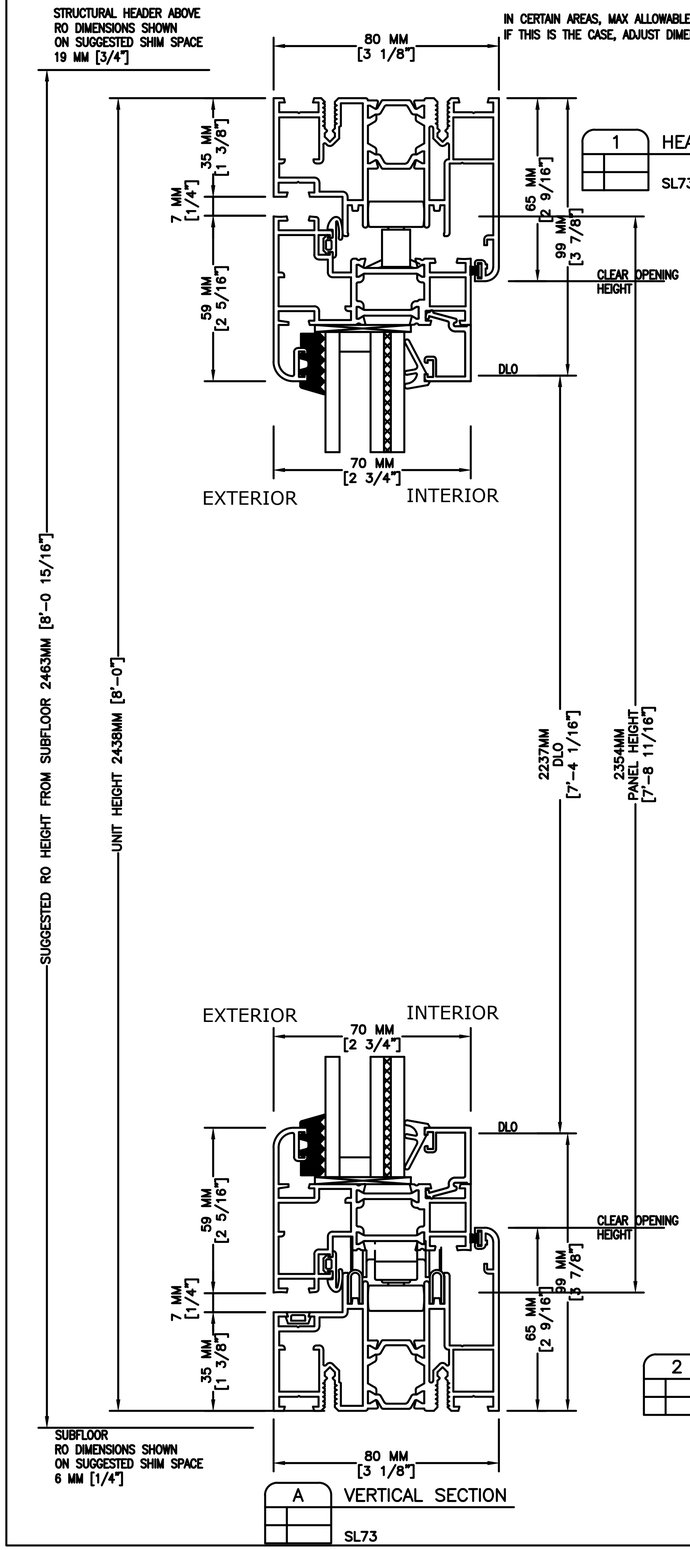
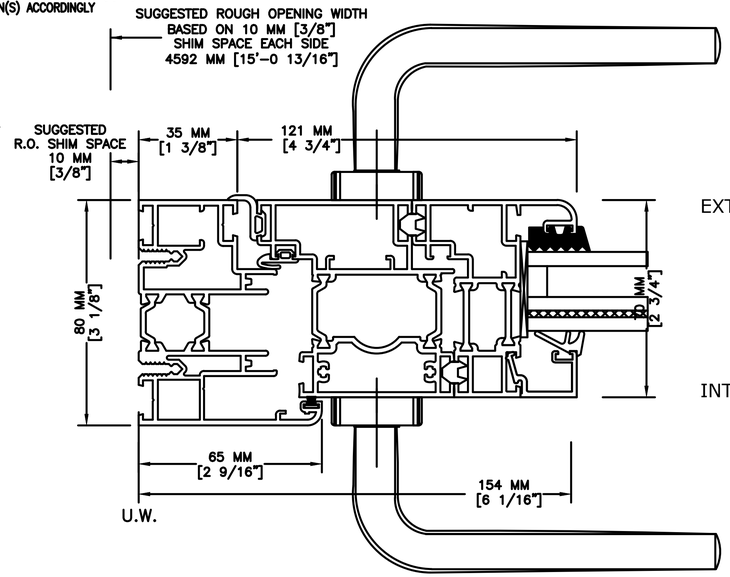
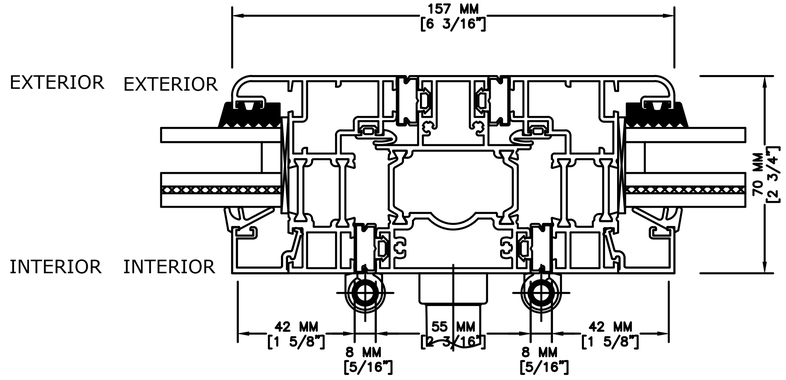


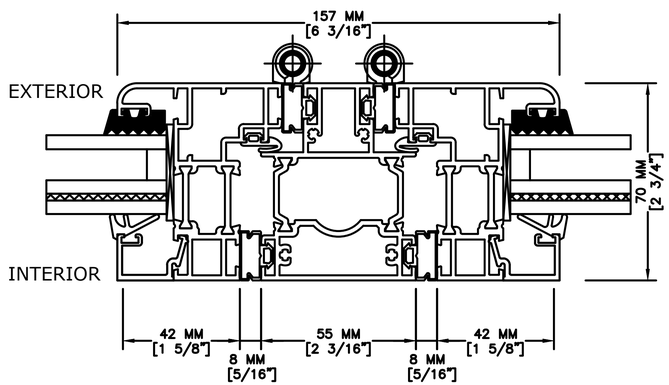


1 HEAD SL73

3 JAMB SL73

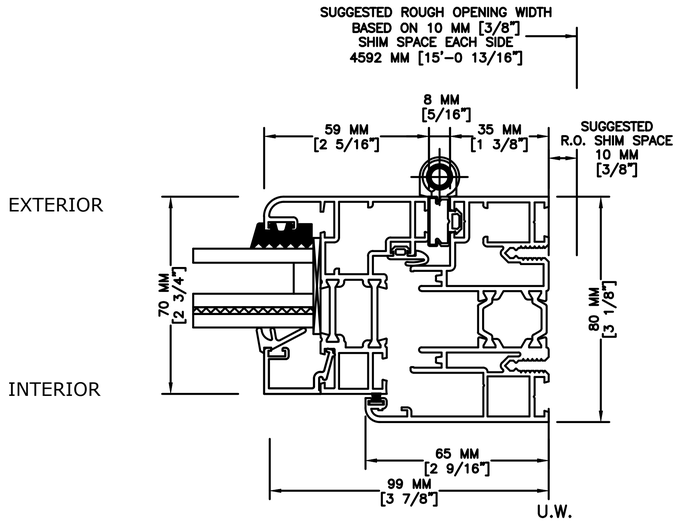


4 FOLDING WITH HANDLE SL73



2 SILL SL73

5 FOLDING WITHOUT HANDLE SL73



6 JAMB SL45

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