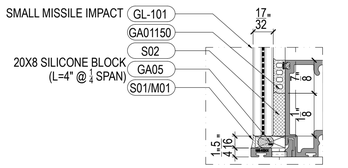
INSTALLATION INSTRUCTIONS FOR
ELICC AMERICAS CORPORATION
WW-200 SERIES LARGE MISSILE IMPACT LEVEL D & SMALL MISSILE IMPACT (LMI-D & SMI)

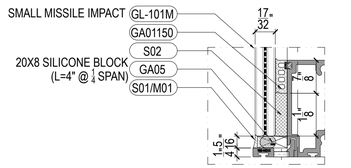
GLASS TYPE

LEGEND	DESCRIPTION	SECTION
GL-101	GL-101: VISION GLASS HS 6MM + 1.52MM PVB + HS 6MM Laminated Glass（USED FOR SMI）	
GL-101M	GL-101M: VISION GLASS FT 6MM + 1.52MM PVB + FT 6MM Laminated Glass（USED FOR SMI）	
GL-101B	GL-101B: VISION GLASS HS 6MM + 2.28MM SGP + HS 6MM Laminated Glass（USED FOR LMI-D）	

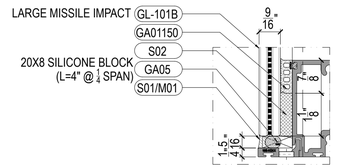
NOTE:
GLASS COMPLIES WITH EI300-16
(3 SEC. GUSTS)



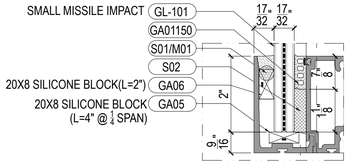
A1 TYPE "A1"
GL-101: VISION GLASS



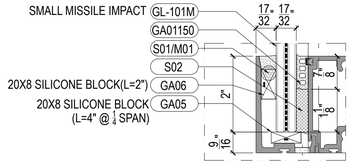
B1 TYPE "B1"
GL-101M: VISION GLASS



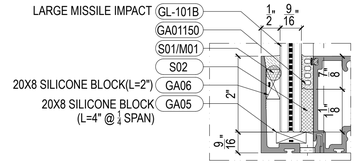
C1 TYPE "C1"
GL-101B: VISION GLASS



A2 TYPE "A2"
GL-101: VISION GLASS



B2 TYPE "B2"
GL-101M: VISION GLASS



C2 TYPE "C2"
GL-101B: VISION GLASS

GENERAL NOTES:

1. THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS TO THE 8TH EDITION OF FLORIDA BUILDING CODE (2023) INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
2. FACADE RATED FOR LARGE MISSILE IMPACT LEVEL D & SMALL MISSILE IMPACT.
3. THESE FACADES ARE APPROVED FOR AIR (6.24 PSF) AND (26.25 PSF (15 % OF 175 PSF)) WATER INFILTRATION.
4. ANCHORS SHALL BE AS LISTED. SPACED AS SHOWN ON DETAILS. ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
5. ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.
6. MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 8TH EDITION OF FLORIDA BUILDING CODE (2023) SECTION AS APPLICABLE.
7. METAL STRUCTURAL AND/ OR WOOD STRUCTURAL BY OTHERS TO BE DESIGNED TO SUPPORT THE LOADS IMPOSED BY THIS GLAZING SYSTEM AND TO TRANSFER SUCH LOADS TO THE BUILDING MAIN STRUCTURE.
8. ULTIMATE LOAD OBTAINED FROM ASCE 7-22, MULTIPLY BY 0.6 SHALL BE LESS THAN OR EQUAL TO MAX.DESIGN LOADS OBTAINED FROM WIND TUNNEL STUDY THE DESIGN LOADS SHOWN IN THIS DOCUMENT ARE ALLOWABLE DESIGN LOADS.
9. SEALANT: ALL FRAME CORNERS, JOINTS, MULLION SEAMS AND PERIMETER GLAZING BEAD TO FRAME INSTALLATION FASTENERS SEALED WITH SILICON SEALANT.

INSTRUCTIONS:

USE CHARTS AS FOLLOWS.

STEP 1: DETERMINE DESIGN WIND LOAD REQUIREMENTS ON WIND VELOCITY. BLDG. HEIGHT, WIND ZONE USING APPLICABLE ASCE 7-22 STANDARD.

STEP 2: SEE SHEET PE-105 ~ PE-108B FOR APPROVED WINDOW SIZE AND DESIGN LOAD.

STEP 3: SEE SHEET AN-202 FOR ANCHORS CAPACITY CHARTS

STEP 4: THE LOWEST VALUE RESULTING FROM STEPS 2&3 THAT EXCEED THE DESIGN WIND PRESSURES DETERMINED IN STEP 1 SHALL APPLY TO ENTIRE SYSTEM.

ABBREVIATIONS:

S.T. ----- SELF TAPPING SCREW
S.M.S. ----- SHEET METAL SCREW
H.W.H. ----- HEX WASHER HEAD SCREW
H.H. ----- HEX HEAD SCREW
P.H. ----- PAN HEAD SCREW
F.H. ----- FLAT HEAD SCREW
G.M.S. ----- GALVANIZED MILD STEEL
B.M.U. ----- BUILDING MAINTENANCE UNIT TIEBACK
S.D. ----- SELF DRILL
HS ----- HEAT STRENGTHENED
FT ----- TEMPERED
PPC ----- POLYESTER POWDER COATED

DIM. -----DIMENSION
LG. -----LONG
MAX. -----MAXIMUM
MIN. -----MINIMUM
MS -----MACHINE SCREW
NO. -----NUMBER
N.T.S. -----NOT TO SCALE
PSF -----POUNDS PER SQUARE FEET
PVC -----POLYVINYLCHLORIDE
QTY. -----QUANTITY
GR-----GRADE
O.C.-----ON CENTRAL

SF-----SQUARE FEET
SIM. -----SIMILAR
SQ. -----SQUARE
S.S. -----STAINLESS STEEL
THK. -----THICKNESS
TYP. -----TYPICAL
U.H. -----UNIT HEIGHT
W/ -----WITH
W.P. -----WORK POINT
C.O. -----CLEAR OPENING
F.O. -----FRAME OPENING
T.O.S. -----TOP OF SLAB

SYMBOLS:

DRAWING TAG — 01 / DT-5000 — DRAWING No. / SHEET No.

WORKING POINT

LIMITATIONS OF USE

A. THIS PRODUCT EVALUATION DOCUMENT (P.E.D.) PREPARED BY THIS ENGINEER IS GENERIC AND DOES NOT PROVIDED INFORMATION FOR A SITE SPECIFIC PROJECT, i.e. WHERE THE SITE CONDITIONS DEVIATE FROM THE P.E.D.

B. CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION OF THIS PRODUCT BASED ON THIS PRODUCT EVALUATION PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT.

C. THIS PRODUCT EVALUATION DOCUMENT WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.

D. SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED ENGINEER OR ARCHITECT WHICH WILL BECOME THE ENGINEER OF RECORD (E.O.R.) FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER USE OF THE P.E.D.

E. THIS P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.

ELICC WW-200 SERIES

FL —#46344

PAVAN MANEPALLI, P.E.
FLORIDA REGISTRATION
PE - 71882

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01/15/2025

No.	Date	Description
-	-	-

Revisions:

Issued By:

ELICC AMERICAS CORPORATION
13475 DANIELSON ST.
POWAY, CA 92064
Tel: (760)-233-0066
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Approved By:

Checked By:

Design Team:

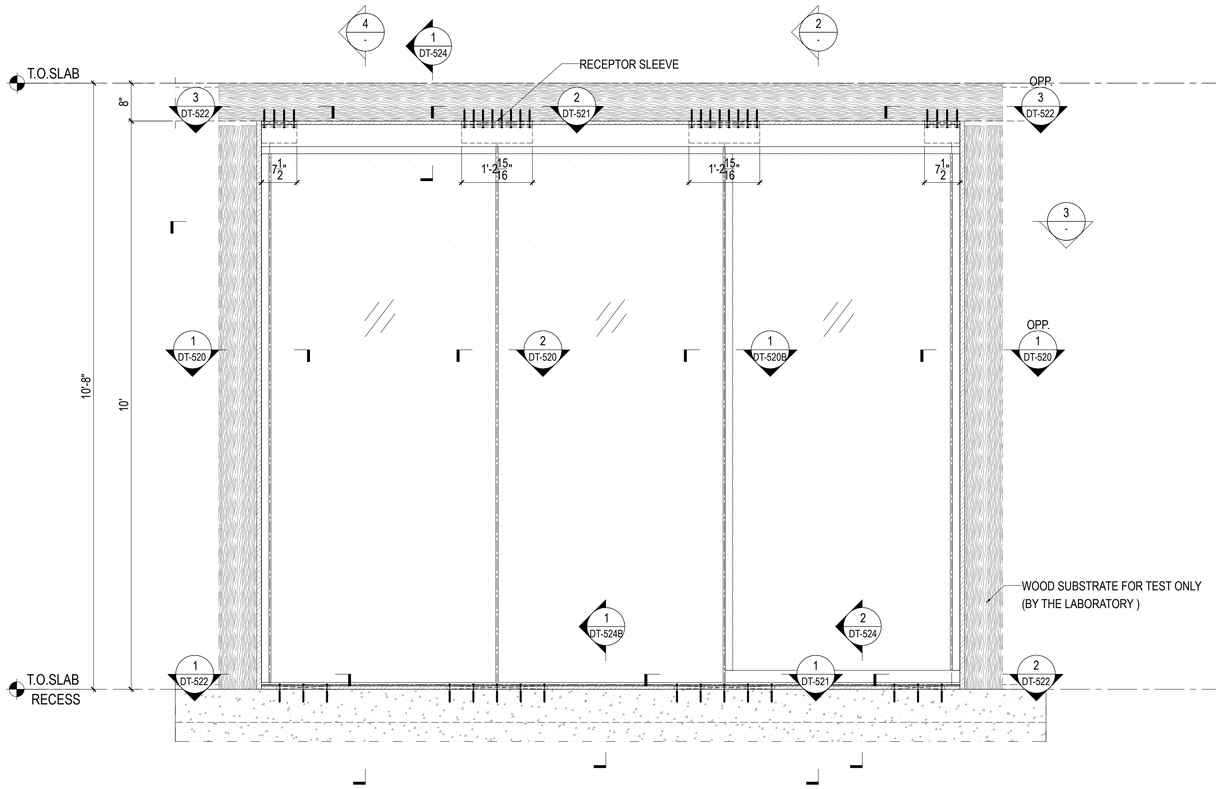
SYSTEM:
ELICC-WW-200 SERIES

Title:
COVER

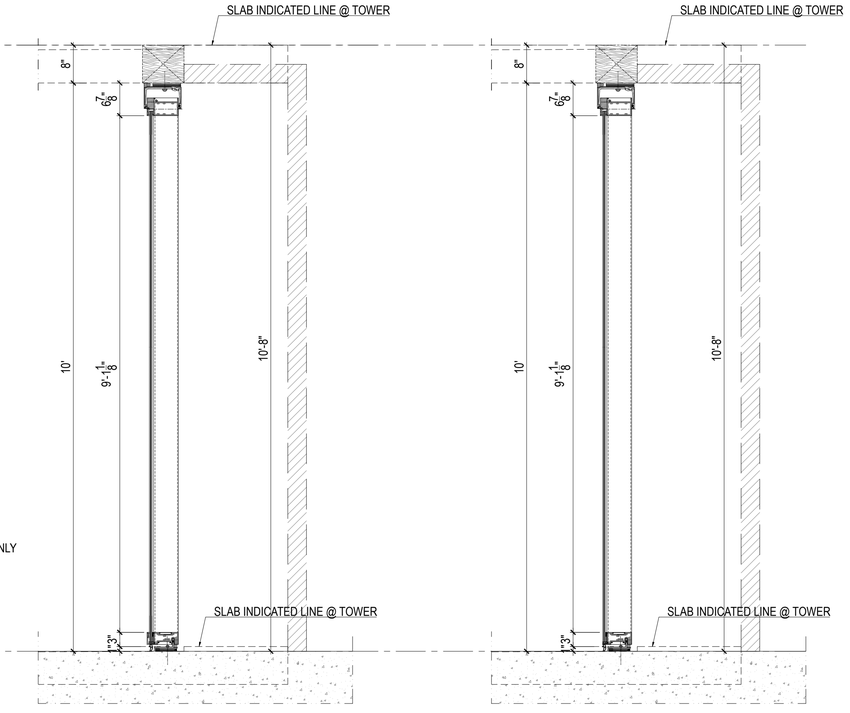
Sheet No.: GN-201

Date: Jan. 15, 2025	Revision No.: -
Scale: 6"=1'-0"	Size: 22"x34"

Phase: System Drawing

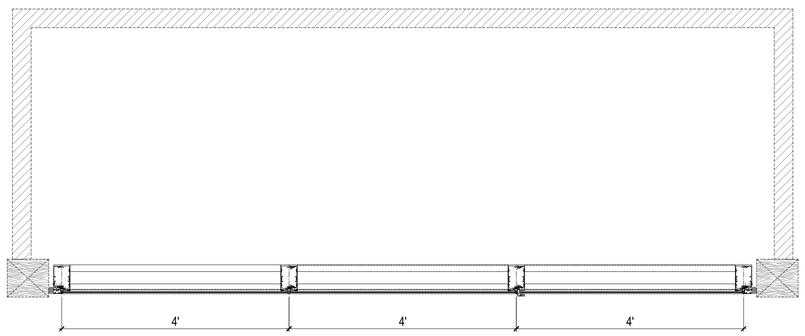


1 ELEVATION
Scale:3/4"=1'-0"



2 SECTION
Scale:3/4"=1'-0"

4 SECTION
Scale:3/4"=1'-0"



3 PLAN
Scale:3/4"=1'-0"

REFRENCE WALL TYPE WT-2	TESTS PER:
SPECIMEN # 4	TAS-201
LARGE MISSILE IMPACT	TAS-202
DESIGN WIND LOAD: ±110 PSF	TAS-203

Legend:
VISION GLASS
GL-101B: HS 6MM + 2.28MM SGP + HS 6MM LAMINATED GLASS

MULLION CAPACITY CHART

FW	FH	Pd ALLOW
INCH	INCH	PSF (±)
48	116	130

GLASS CAPACITY CHART

WITH	HIGH	Pd ALLOW
INCH	INCH	PSF (±)
48	110	160

ANCHOR CAPACITY CHART

FW	FH	Pd ALLOW
INCH	INCH	PSF (±)
48	116	125

FASTENER: DEWALT 5/16" X 3-3/4" HWH ULTRACON SCREWS
BASE MATERIAL: CONCRETE

ELICC WW-200 SERIES

FL – #46344

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Design Team:

SYSTEM:
ELICC-WW-200 SERIES

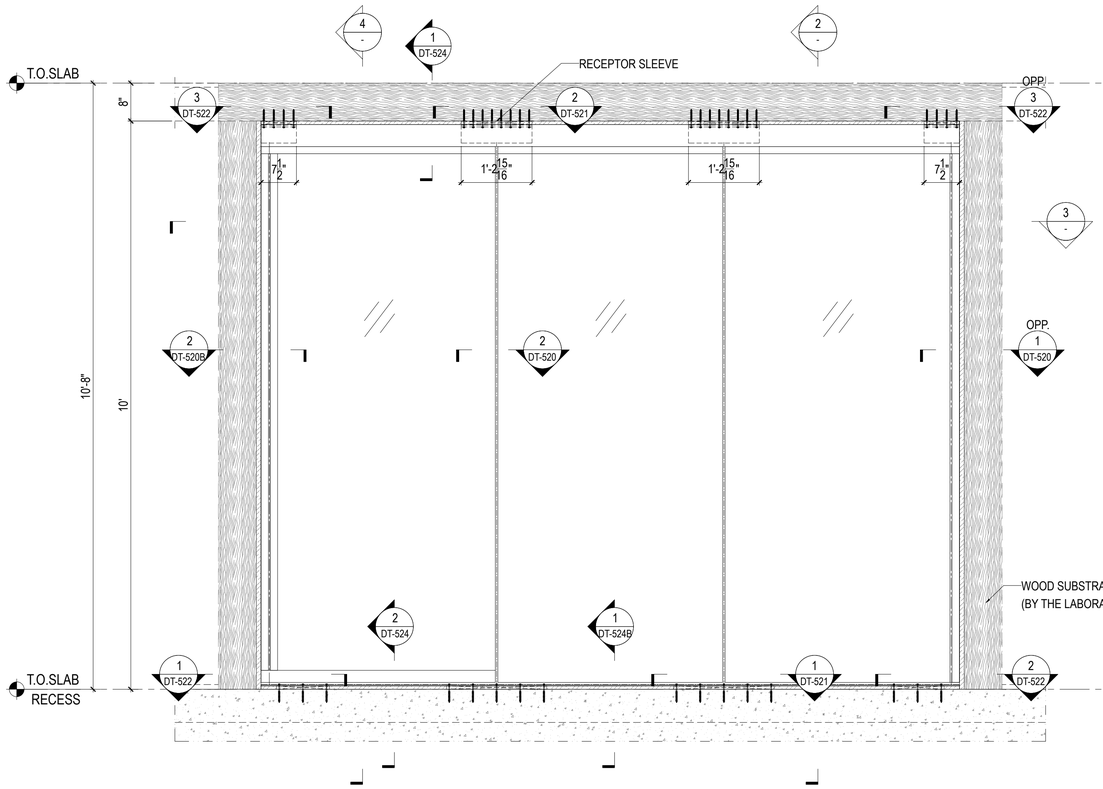
Title:
LARGE MISSILE IMPACT TESTING ELEVATION

Sheet No.: PE-105

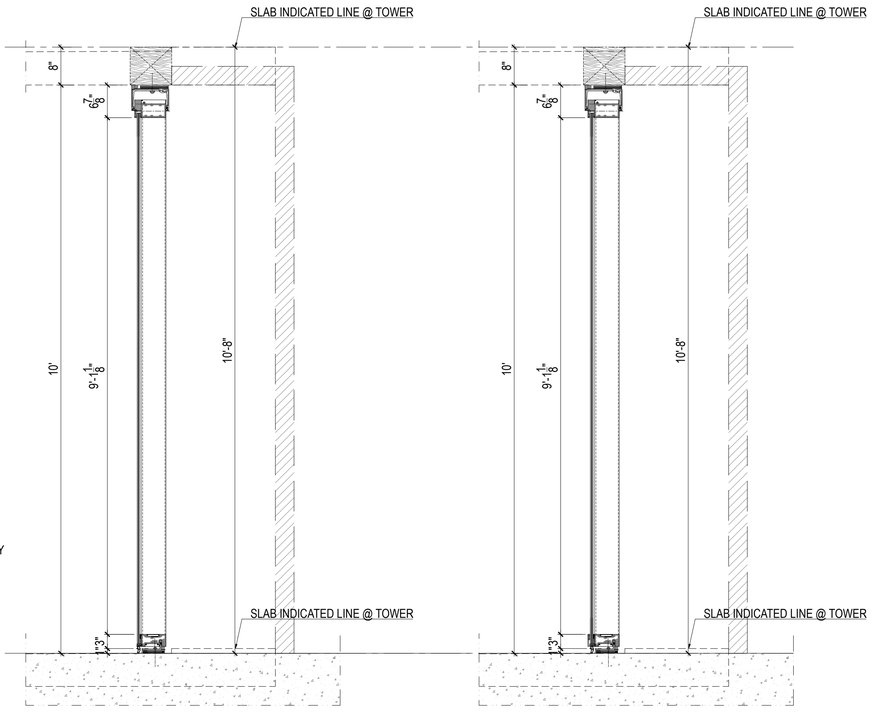
Date: Jan. 15, 2025 | Revision No.: -

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Phase: System Drawing

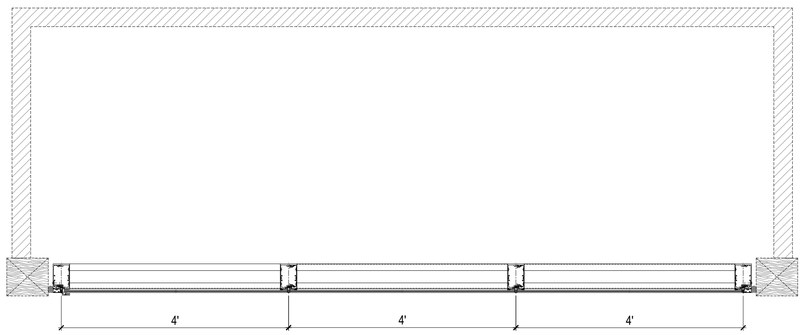


1 ELEVATION
Scale:3/4"=1'-0"



2 SECTION
Scale:3/4"=1'-0"

4 SECTION
Scale:3/4"=1'-0"



3 PLAN
Scale:3/4"=1'-0"

REFRENCE WALL TYPE WT-2	TESTS PER:
SPECIMEN # 5	TAS-201
SMALL MISSILE IMPACT	TAS-202
DESIGN WIND LOAD: ±110 PSF	TAS-203

Legend:
VISION GLASS
GL-101: HS 6MM + 1.52MM PVB + HS 6MM LAMINATED GLASS

MULLION CAPACITY CHART

FW	FH	Pd ALLOW
INCH	INCH	PSF (±)
48	116	130

GLASS CAPACITY CHART

WITH	HIGH	Pd ALLOW
INCH	INCH	PSF (±)
48	110	130

ANCHOR CAPACITY CHART

FW	FH	Pd ALLOW
INCH	INCH	PSF (±)
48	116	125

FASTENER: DEWALT 5/16" X 3-3/4" HWH ULTRACON SCREWS
BASE MATERIAL: CONCRETE

ELICC WW-200 SERIES
FL – #46344

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Checked By:

Design Team:

SYSTEM:
ELICC-WW-200 SERIES

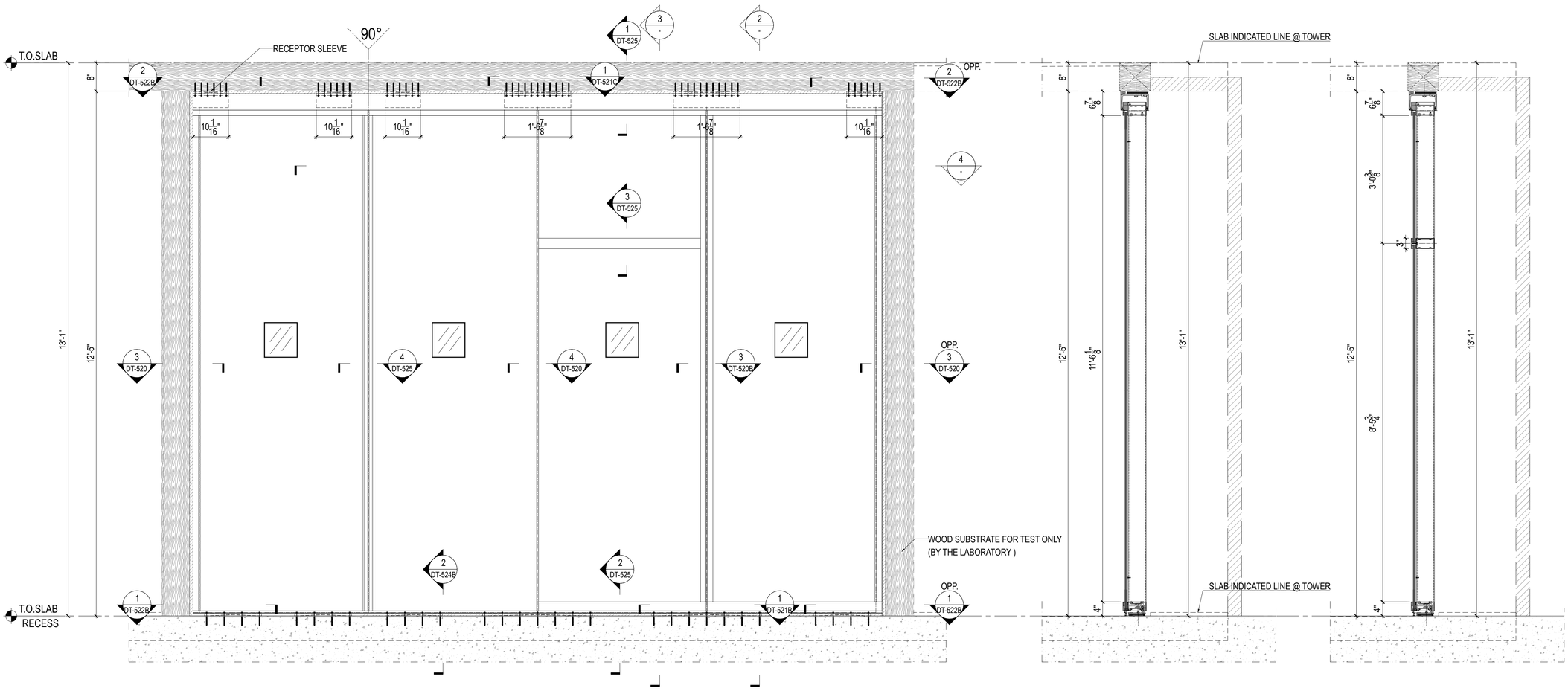
Title:
SMALL MISSILE IMPACT
TESTING ELEVATION

Sheet No.: PE-106

Date: Jan. 15, 2025 | Revision No.: -

Scale: 3/4"=1'-0" | Size: 22"x34"

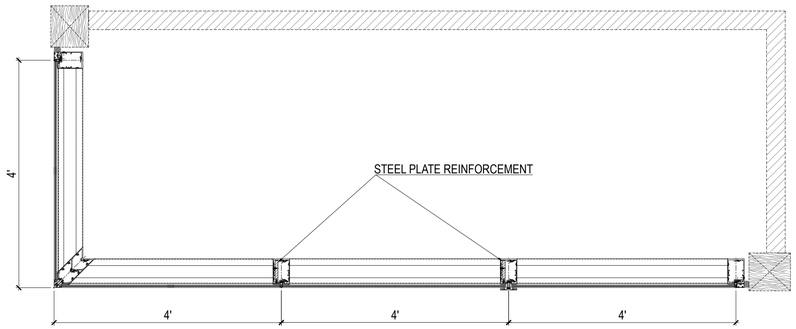
Phase: System Drawing



1 ELEVATION
Scale:3/4"=1'-0"

2 SECTION
Scale:3/4"=1'-0"

3 SECTION
Scale:3/4"=1'-0"



4 PLAN
Scale:3/4"=1'-0"

Legend:

VISION GLASS
GL-101M: FT6MM + 1.52MM PVB + FT 6MM LAMINATED GLASS

REFRENCE WALL TYPE WT-2

SPECIMEN # 6
SMALL MISSILE IMPACT
DESIGN WIND LOAD: ±130 PSF

TESTS PER:
TAS-201
TAS-202
TAS-203

MULLION CAPACITY CHART

FW	FH	Pd ALLOW
INCH	INCH	PSF (±)
48	145	130

GLASS CAPACITY CHART

WITH	HIGH	Pd ALLOW
INCH	INCH	PSF (±)
48	139	175

ANCHOR CAPACITY CHART

FW	FH	Pd ALLOW
INCH	INCH	PSF (±)
48	145	138

FASTENER: DEWALT 5/16" X 3-3/4" HWH ULTRACON SCREWS
BASE MATERIAL: CONCRETE

ELICC WW-200 SERIES

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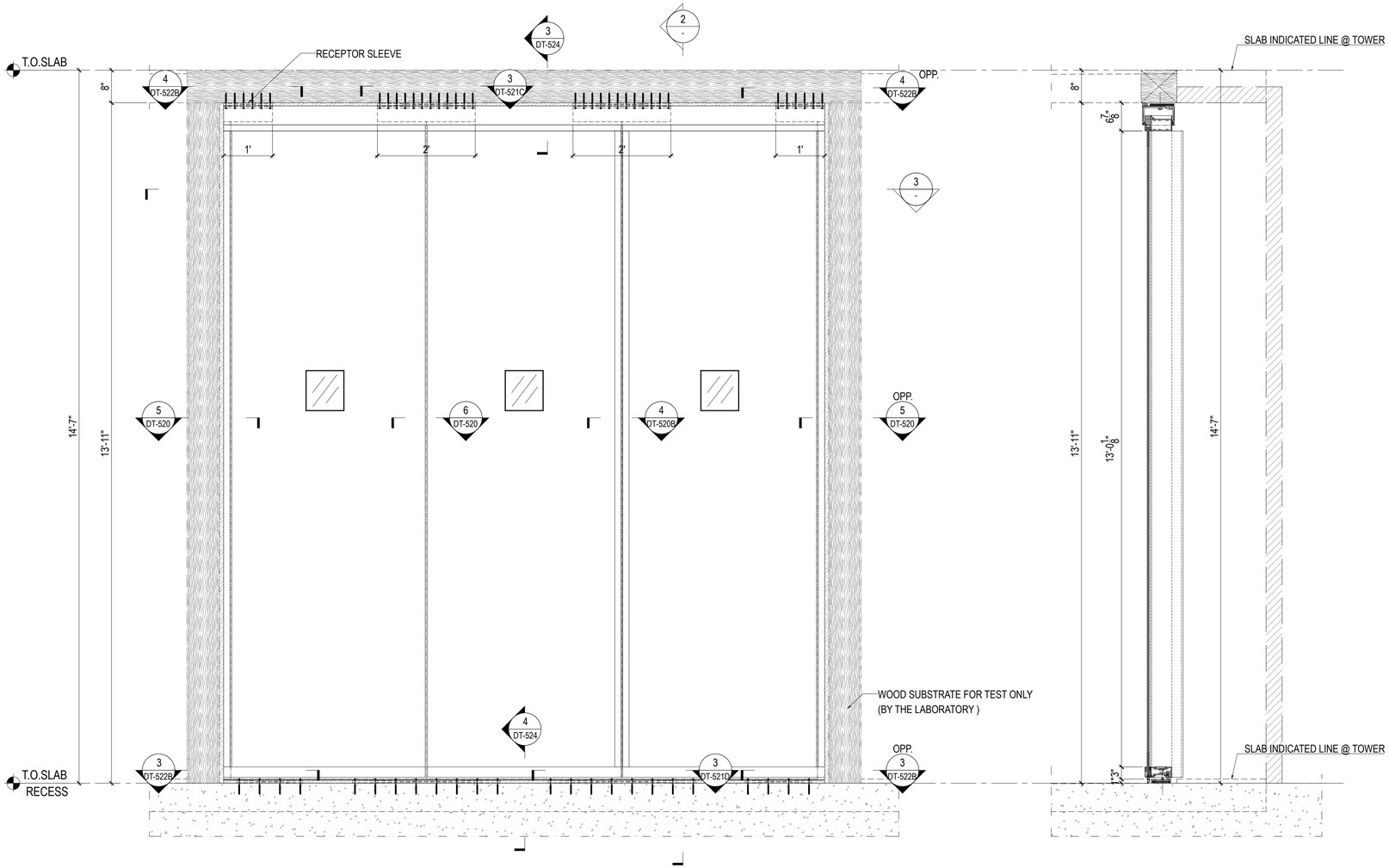
Title:
SMALL MISSILE IMPACT TESTING ELEVATION

Sheet No.: PE-107

Date: Jan. 15, 2025 | Revision No.: -

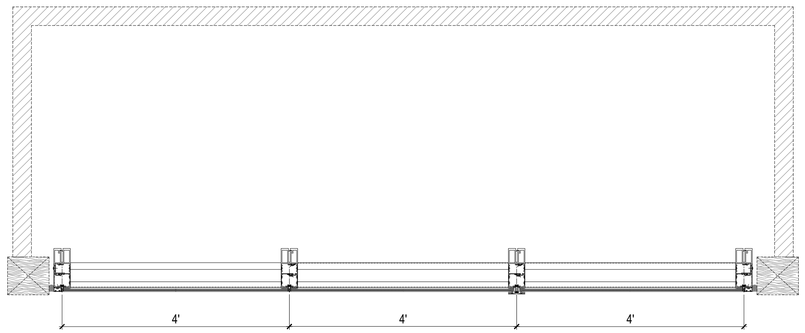
Scale: 3/4"=1'-0" | Size: 22"x34"

Phase: System Drawing



1 ELEVATION
Scale:3/4"=1'-0"

2 SECTION
Scale:3/4"=1'-0"



3 PLAN
Scale:3/4"=1'-0"

Legend:

VISION GLASS
GL-101M: FT6MM + 1.52MM PVB + FT 6MM LAMINATED GLASS

REFRENCE WALL TYPE WT-2

SPECIMEN # 8
SMALL MISSILE IMPACT
DESIGN WIND LOAD: ±130 PSF

TESTS PER:
TAS-201
TAS-202
TAS-203

MULLION CAPACITY CHART

FW	FH	Pd ALLOW
INCH	INCH	PSF (±)
48	163	130

GLASS CAPACITY CHART

WITH	HIGH	Pd ALLOW
INCH	INCH	PSF (±)
48	157	145

ANCHOR CAPACITY CHART

FW	FH	Pd ALLOW
INCH	INCH	PSF (±)
48	163	135

FASTENER: DEWALT 5/16" X 3-3/4" HWH ULTRACON SCREWS
BASE MATERIAL: CONCRETE

No.	Date	Description
-	-	-

Revisions:

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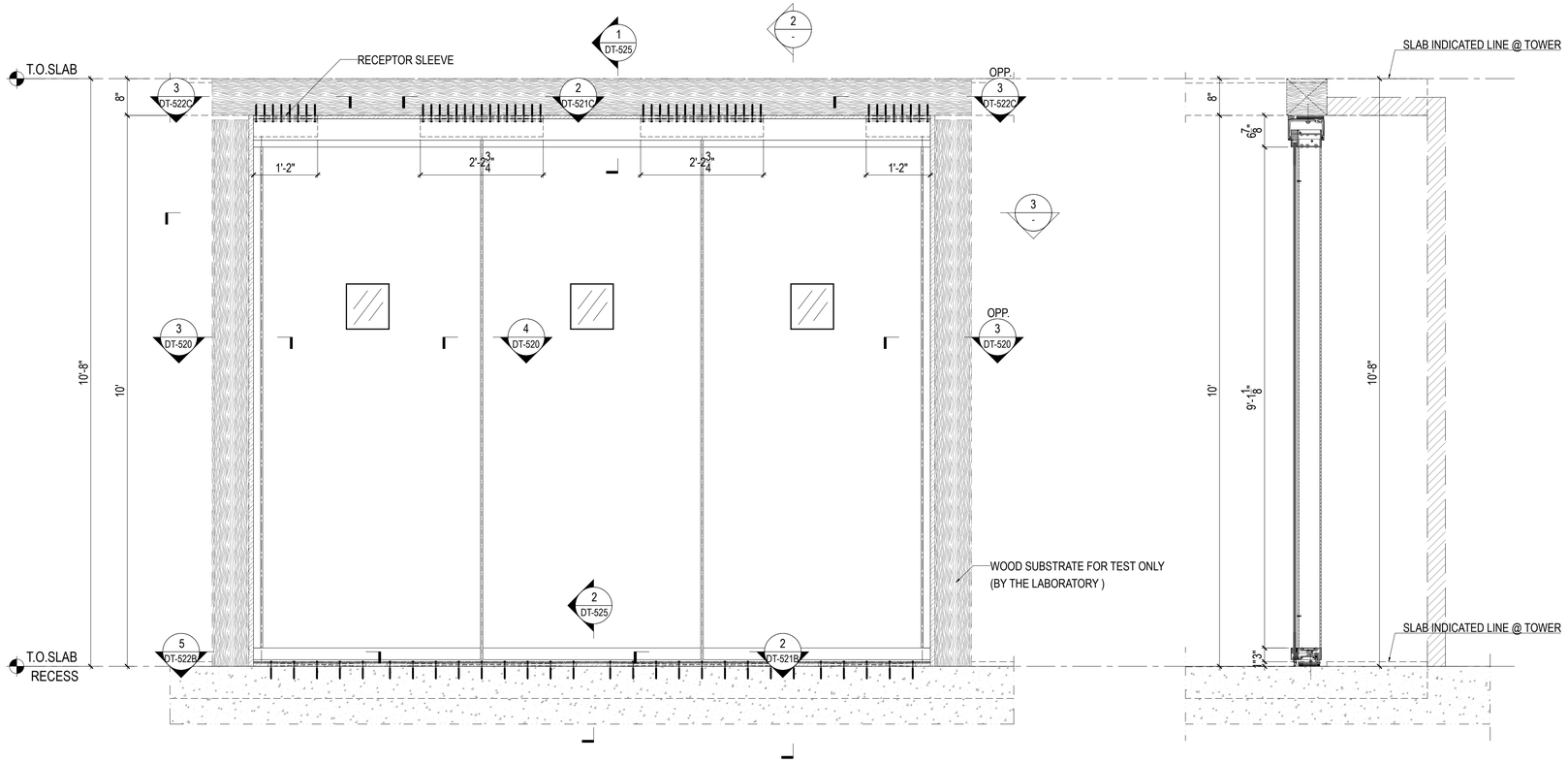
Title:
SMALL MISSILE IMPACT
TESTING ELEVATION

Sheet No.: PE-107B

Date: Jan. 15, 2025 | Revision No.: -

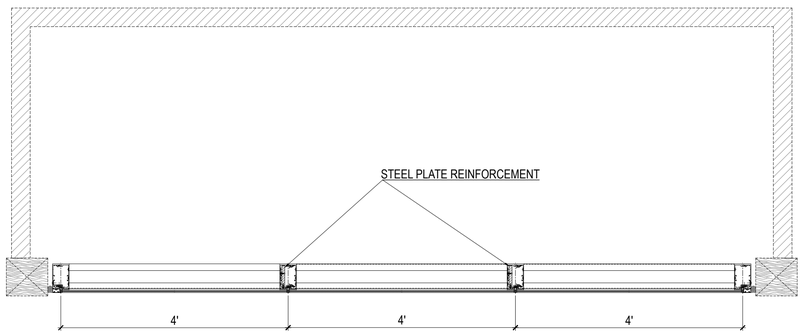
Scale: 3/4"=1'-0" | Size: 22"x34"

Phase: System Drawing



1 ELEVATION
Scale:3/4"=1'-0"

2 SECTION
Scale:3/4"=1'-0"



3 PLAN
Scale:3/4"=1'-0"

REFRENCE WALL TYPE WT-2	TESTS PER:
SPECIMEN # 7	TAS-201
SMALL MISSILE IMPACT	TAS-202
DESIGN WIND LOAD: ±175 PSF	TAS-203

Legend:

VISION GLASS
GL-101M: FT6MM + 1.52MM PVB + FT 6MM LAMINATED GLASS

MULLION CAPACITY CHART

FW	FH	Pd ALLOW
INCH	INCH	PSF (±)
48	116	210

GLASS CAPACITY CHART

WITH	HIGH	Pd ALLOW
INCH	INCH	PSF (±)
48	110	205

ANCHOR CAPACITY CHART

FW	FH	Pd ALLOW
INCH	INCH	PSF (±)
48	116	235

FASTENER: DEWALT 5/16" X 3-3/4" HWH ULTRACON SCREWS
BASE MATERIAL: CONCRETE

ELICC WW-200 SERIES

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PAVAN MANEPALLI, P.E.
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Design Team:

SYSTEM:
ELICC-WW-200 SERIES

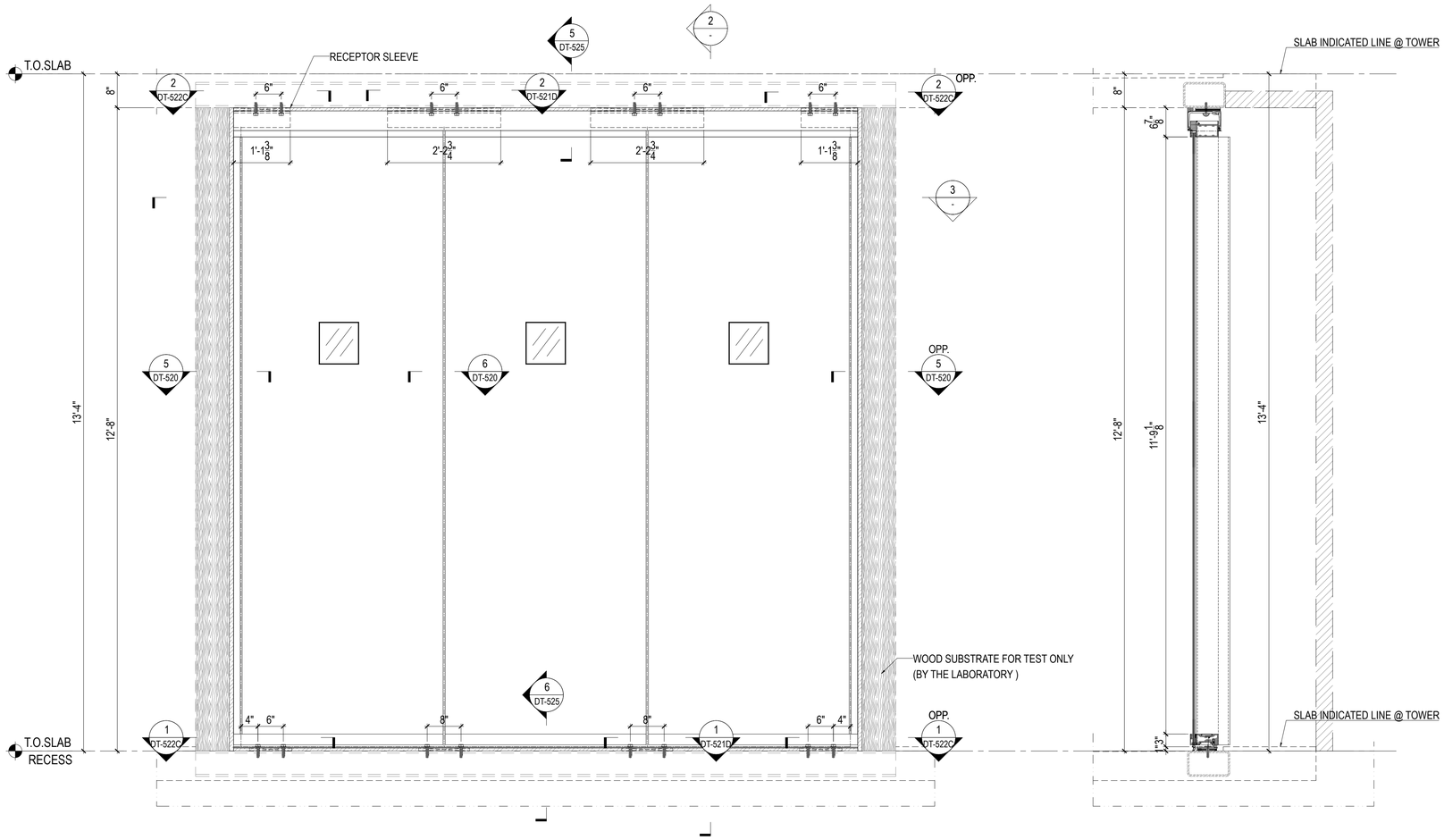
Title:
SMALL MISSILE IMPACT
TESTING ELEVATION

Sheet No.: PE-108

Date: Jan. 15, 2025 | Revision No.: -

Scale: 3/4"=1'-0" | Size: 22"x34"

Phase: System Drawing



1 ELEVATION
Scale:3/4"=1'-0"

2 SECTION
Scale:3/4"=1'-0"

3 PLAN
Scale:3/4"=1'-0"

Legend:

VISION GLASS
GL-101M: FT6MM + 1.52MM PVB + FT 6MM LAMINATED GLASS

REFRENCE WALL TYPE WT-2

SPECIMEN # 9
SMALL MISSILE IMPACT
DESIGN WIND LOAD: ±175 PSF

TESTS PER:
TAS-201
TAS-202
TAS-203

MULLION CAPACITY CHART

FW	FH	Pd ALLOW
INCH	INCH	PSF (±)
48	148	175

GLASS CAPACITY CHART

WITH	HIGH	Pd ALLOW
INCH	INCH	PSF (±)
48	142	175

ANCHOR CAPACITY CHART

FW	FH	Pd ALLOW
INCH	INCH	PSF (±)
48	148	185

FASTENER: 5/8"-11 x 2-1/2" H.W.H TAPFLEX BOLT
BASE MATERIAL: STEEL

ELICC WW-200 SERIES

FL –#46344

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SYSTEM:
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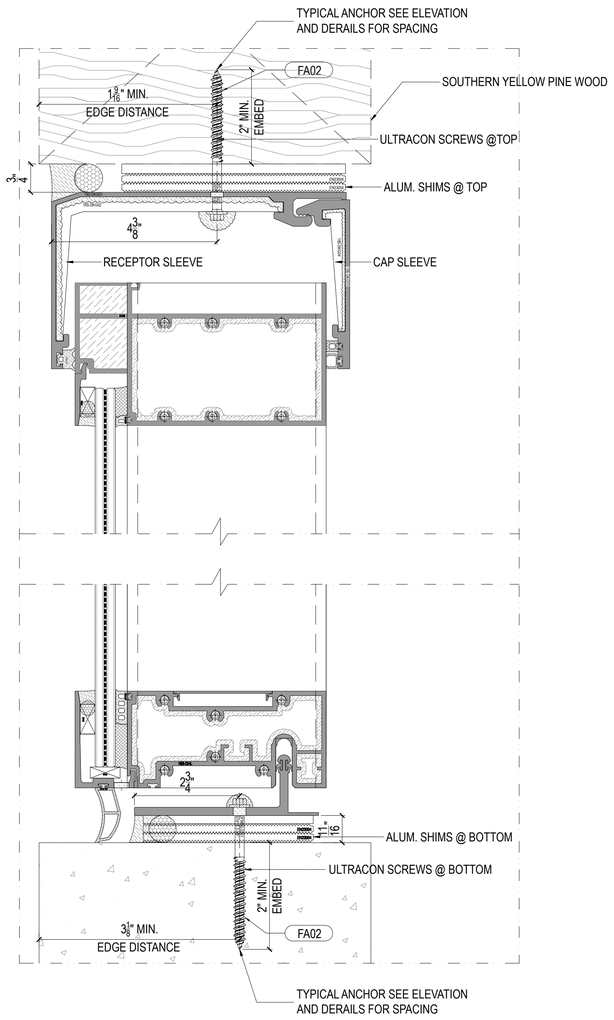
Title:
SMALL MISSILE IMPACT TESTING ELEVATION

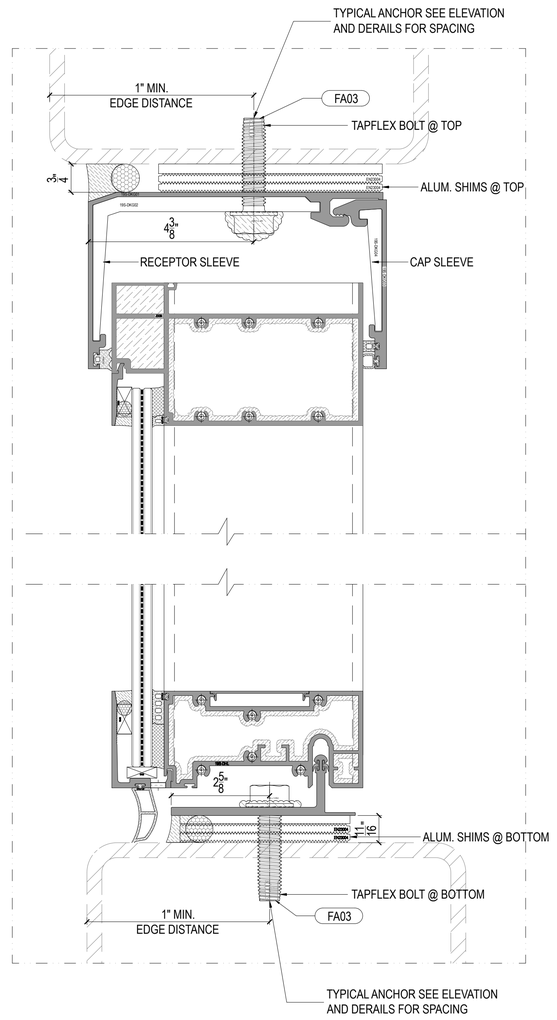
Sheet No.: PE-108B

Date: Jan. 15, 2025 | Revision No.: -

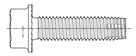
Scale: 3/4"=1'-0" | Size: 22"x34"

Phase: System Drawing





LIST OF FASTENERS

TAG	DIAGRAM	DESCRIPTION	GRADE	MATERIAL/FINISH
FA02		DEWALT 5/16" X 3-3/4" ULTRACON SCREWS	-	Material:Carbon steel FINISH:Stalgard coating
FA03		5/8"-11 x 2-1/2" H.W.H TAPFLEX BOLT	ALLOY STEEL	SILVER STALGARD ® SUB COATING

TYPICAL ANCHOR TYPES:
SEE ELEVATION AND DERAILS FOR SPACING

TYPE "FA02" : 5/16" DIA.ULTRACON+BY "DEWALT"(Fu=177 KSI, Fy=155 KSI)
2" MIN. EMBED DIRECTLY INTO CONCRETE (f'c=4000 PSI MIN.)
3 1/8" MIN. EDGE DISTANCE
5" MIN. SPACING

TYPE "FA02" : 5/16" DIA.ULTRACON+BY "DEWALT"(Fu=177 KSI, Fy=155 KSI)
2" MIN. EMBED DIRECTLY INTO SOUTHERN YELLOW PINE
1 9/16" MIN. EDGE DISTANCE

TYPE "FA03" : 5/8" TAPFLEX BOLT+BY "H.W.H" (Fu=120 KSI, Fy=92 KSI) INTO STEEL STRUCTURES
STEEL : 1/8" THK. MIN. A36 MIN.
1" MIN. EDGE DISTANCE
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED

*NOTE: CHART BASED ON FRAME TOP OR BOTTOM TO SUBSTRATE WITH 3/4" GAP, FOR GAP BEYOND 3/4" ANCHOR CAPACITIES TO BE CHECKED ON.
JOB BASIS BY DELEGATED ENGINEER.

ANCHOR CAPACITY CHART

FW(in)	FH(in)	PSF(±)	CAP SLEEVE LENGTH(in)	RECEPTOR SLEEVE LENGTH(in)	ALUM. SHIMS @ TOP LENGTH(in)	ALUM. SHIMS @ BOTTOM LENGTH(in)	QTY OF SCREWS @ TOP OF MULIION LOCATION	TOP STRUCTURE	QTY OF SCREWS @BOTTOM OF MULIION LOCATION	BOTTOM STRUCTURE	ANCHOR TYPES
4'-0"	10'-0"	±110	1'-2 15/16"	1'-2 15/16"	1'-2 15/16"	1'-9 3/16"	8	SOUTHERN YELLOW PINE	5	CONCRETE	FA02
4'-0"	10'-0"	±175	2'-2 3/4"	2'-2 3/4"	2'-2 3/4"	3'-5 3/16"	15	SOUTHERN YELLOW PINE	9	CONCRETE	FA02
4'-0"	12'-5"	±130	1'-6 7/8"	1'-6 7/8"	1'-6 7/8"	2'-7 3/16"	11	SOUTHERN YELLOW PINE	7	CONCRETE	FA02
4'-0"	13'-11"	±130	2'	2'	2'	3'-0 3/16"	12	SOUTHERN YELLOW PINE	8	CONCRETE	FA02
4'-0"	12'-8"	±175	2'-2 3/4"	2'-2 3/4"	2'-2 3/4"	1'	2	STEEL	2	STRUCTURE	FA03

ELICC WW-200 SERIES

FL –#46344

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FLORIDA REGISTRATION
PE - 71882

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Checked By:

Design Team:

SYSTEM:
ELICC-WW-200 SERIES

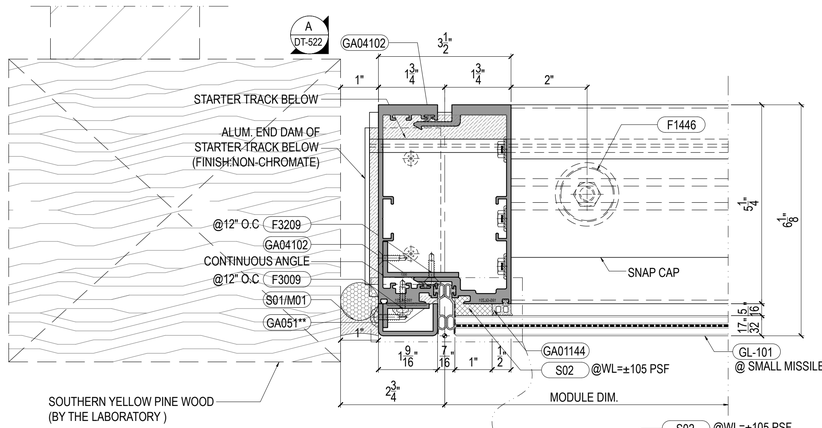
Title:
ANCHOR CAPACITY CHART

Sheet No.: AN-202

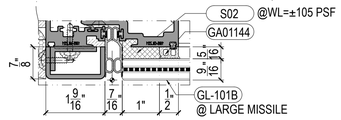
Date: Jan. 15, 2025 | Revision No.: -

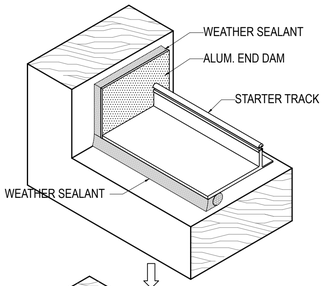
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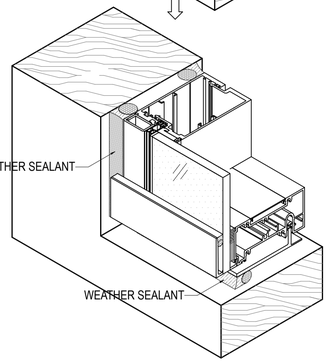
Phase: System Drawing

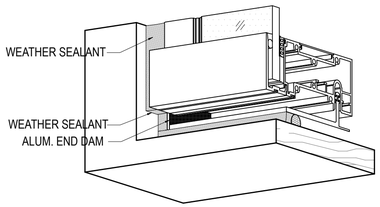


1 PLAN SECTION @ SIDE @ VISION GLASS
Scale:6"=1'-0" FROM:PE-105 / PE-106

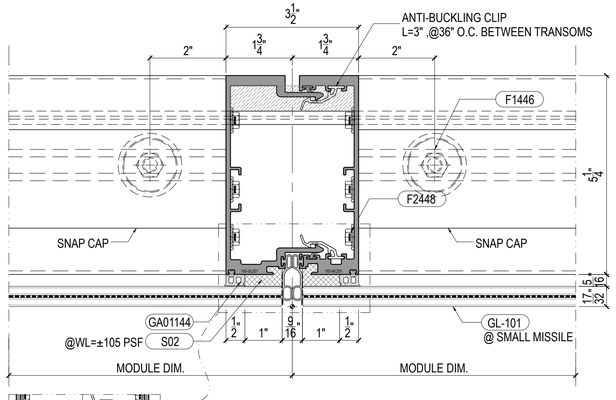


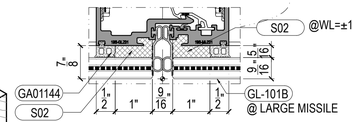




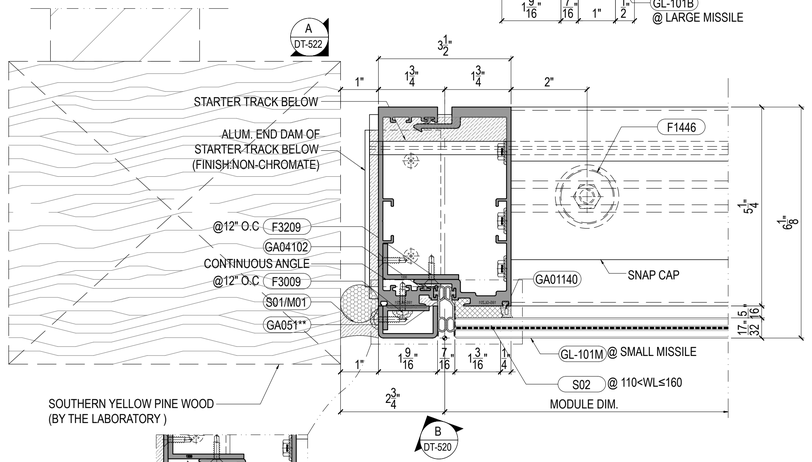


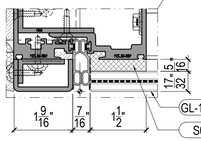
B VIEW OF STARTER TRACK
Scale:N.T.S. FROM: DT-520



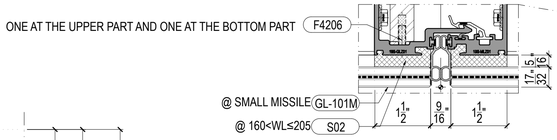


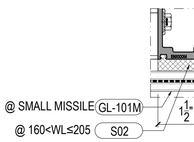
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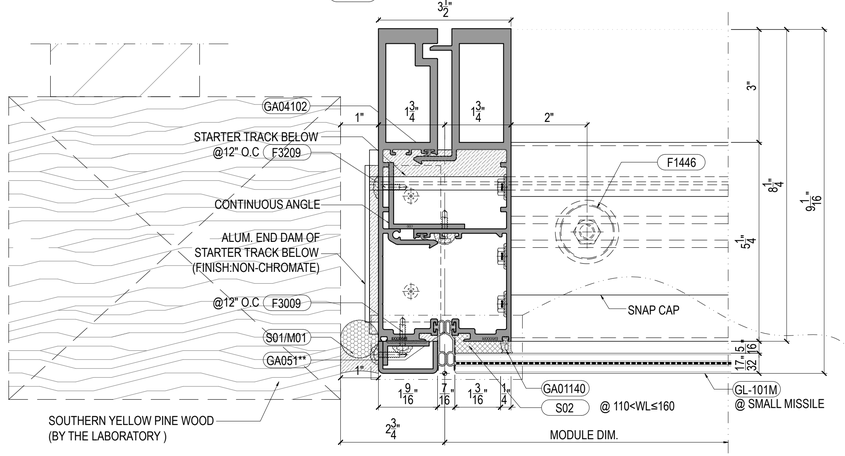
3 PLAN SECTION @ SIDE
Scale:6"=1'-0" FROM:PE-107/PE-108

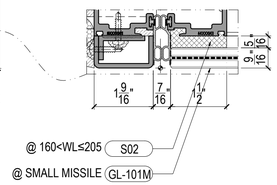




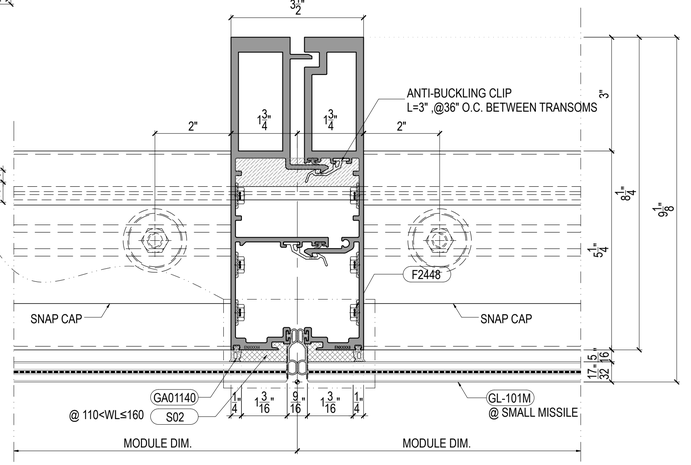


4 PLAN SECTION @ VISION GLASS
Scale:6"=1'-0" FROM:PE-107/PE-108





5 PLAN SECTION @ SIDE
Scale:6"=1'-0" FROM:PE-107B

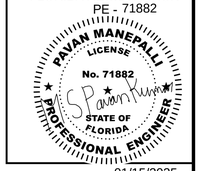


6 PLAN SECTION @ VISION GLASS
Scale:6"=1'-0" FROM:PE-107B

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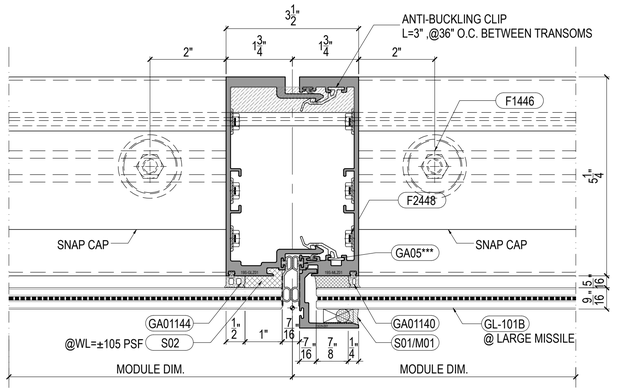
SYSTEM:
ELICC-WW-200 SERIES

Title:
HORIZONTAL SECTION DETAIL

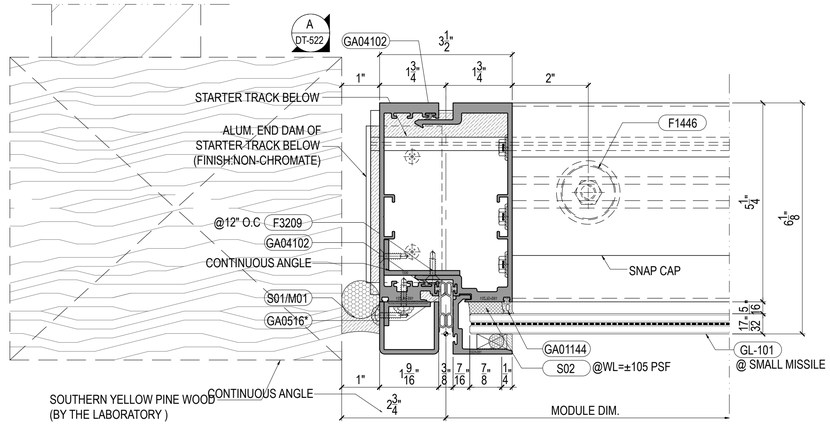
Sheet No.: DT-520

Date: Jan. 15, 2025	Revision No.: -
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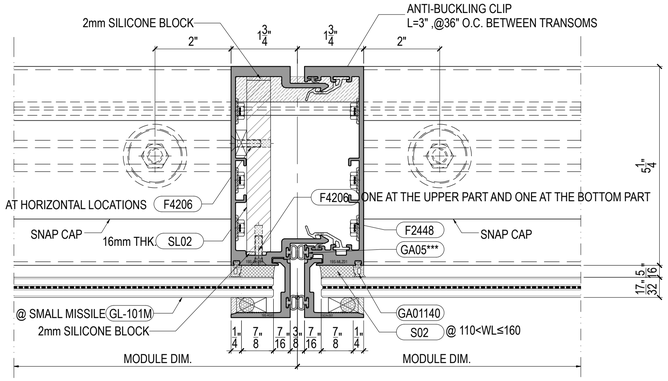
Phase: System Drawing



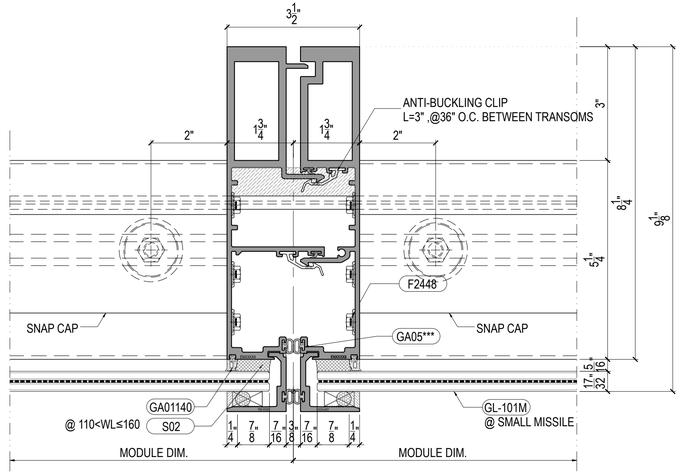
1 PLAN SECTION @ VISION GLASS
Scale:6"=1'-0" FROM: PE-105



2 PLAN SECTION @ SIDE @ VISION GLASS
Scale:6"=1'-0" FROM:: PE-106



3 PLAN SECTION @ VISION GLASS
Scale:6"=1'-0" FROM: PE-107



4 PLAN SECTION @ VISION GLASS
Scale:6"=1'-0" FROM:PE-107B

No.	Date	Description
-	-	-

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Design Team:

SYSTEM:

ELICC-WW-200 SERIES

Title:

HORIZONTAL SECTION DETAIL

Sheet No.: DT-520B

Date: Jan. 15, 2025	Revision No.: -
Scale: 6"=1'-0"	Size: 22"x34"

Phase: System Drawing

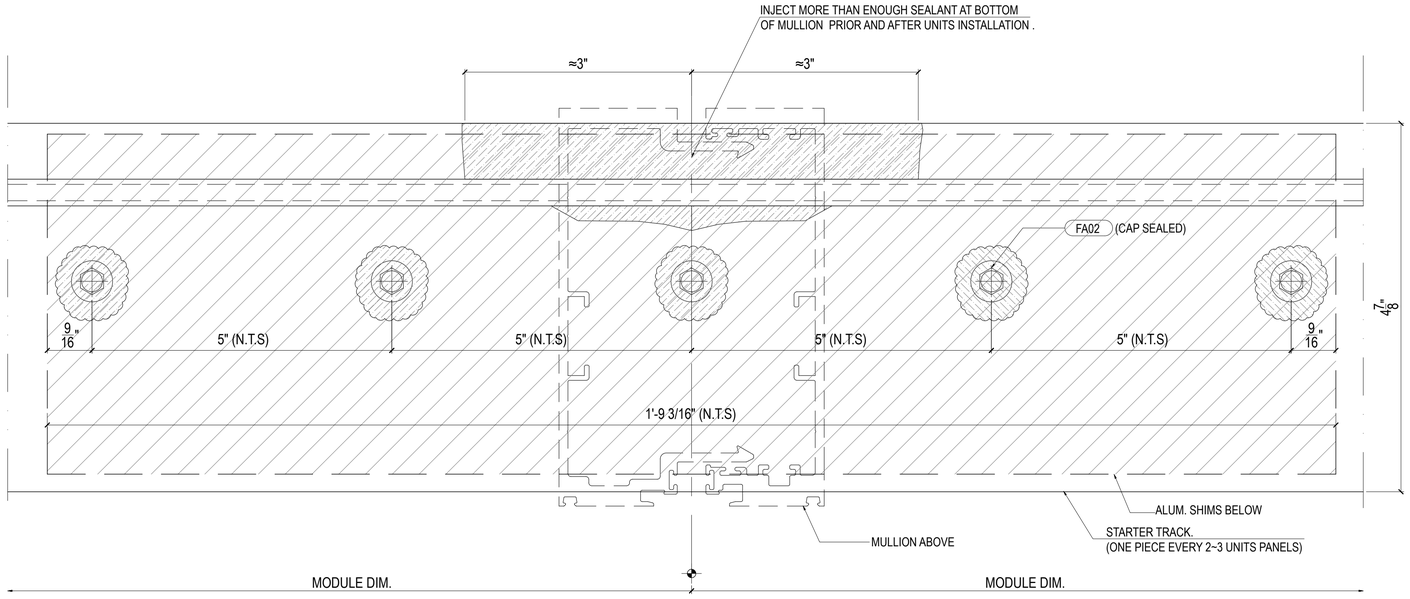
ELICC WW-200 SERIES

FL –#46344

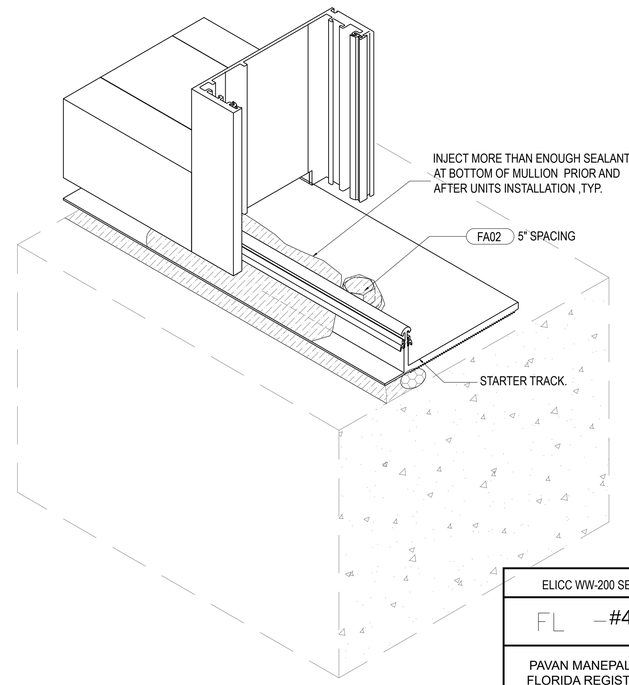
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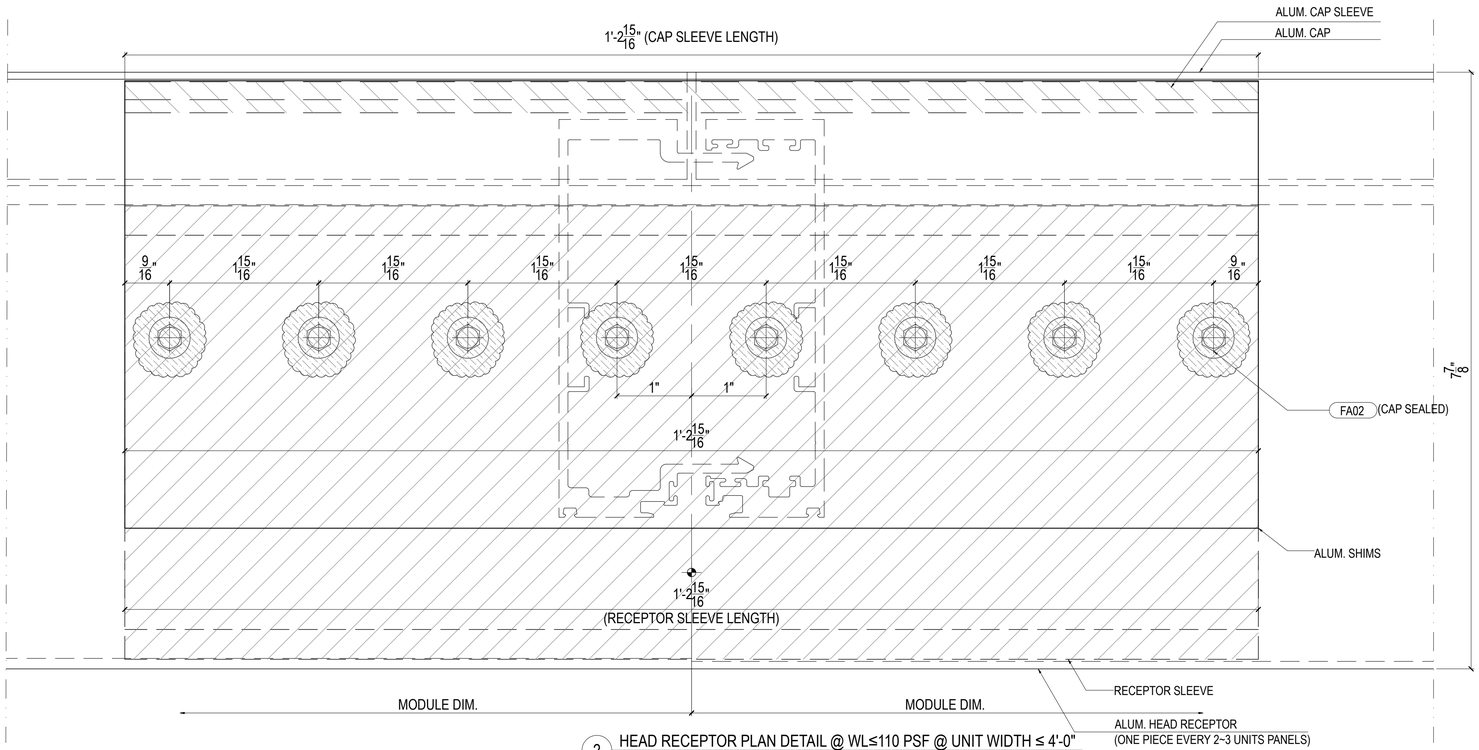
01/15/2025



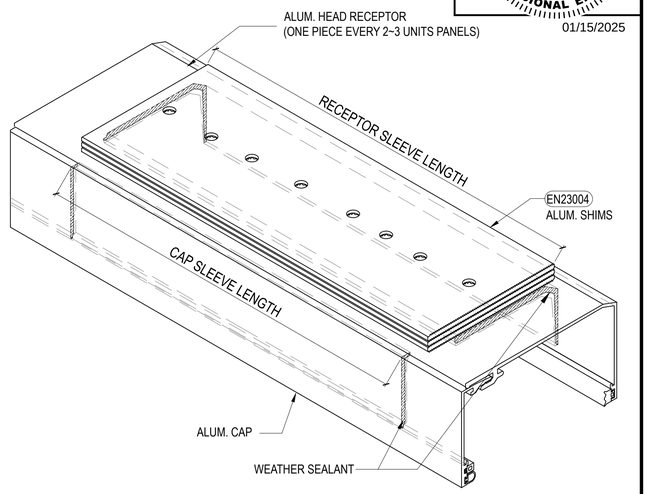
1 TYPICAL STARTER TRACK PLAN DETAIL @ WL≤110 PSF @ UNIT WIDTH ≤ 4'-0"
Scale:1'-0"=1'-0" FROM:DT-524/PE-105/PE-106



3 ISOMETRIC VIEW OF WW SYSTEM
Scale:N.T.S FROM:



2 HEAD RECEPTOR PLAN DETAIL @ WL≤110 PSF @ UNIT WIDTH ≤ 4'-0"
Scale:1'-0"=1'-0" FROM:DT-524/PE-105/PE-106



4 ISOMETRIC VIEW OF HEAD RECEPTOR
Scale:N.T.S FROM:

-	-	-
No.	Date	Description

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ELICC WW-200 SERIES

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Checked By:

Design Team:

SYSTEM:

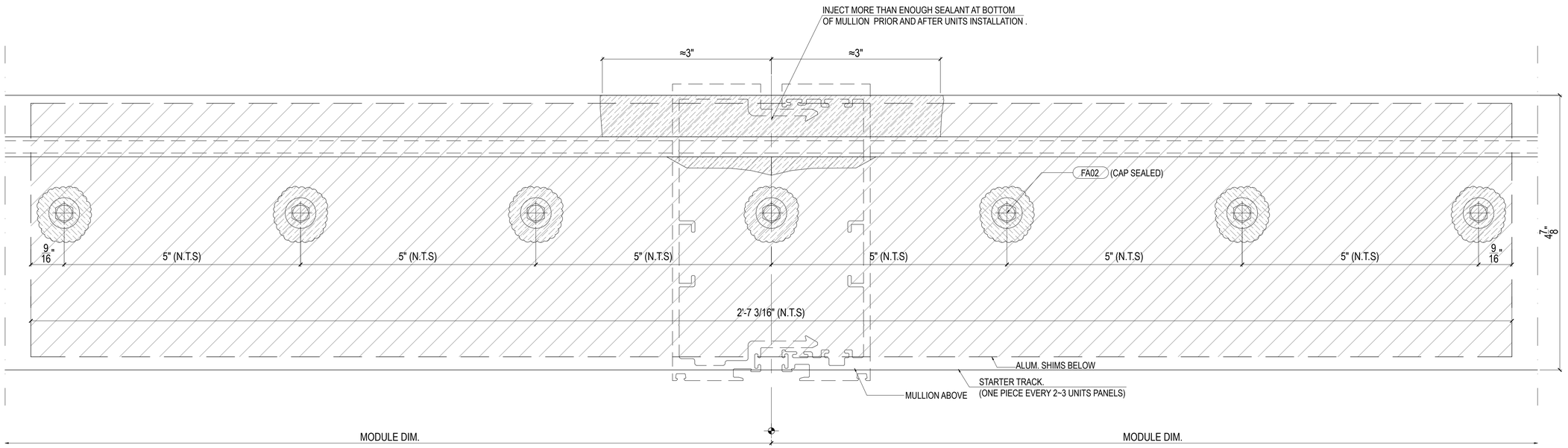
ELICC-WW-200 SERIES

Title:
PLAN DETAILS OF STARTER TRACK & HEAD RECEPTOR

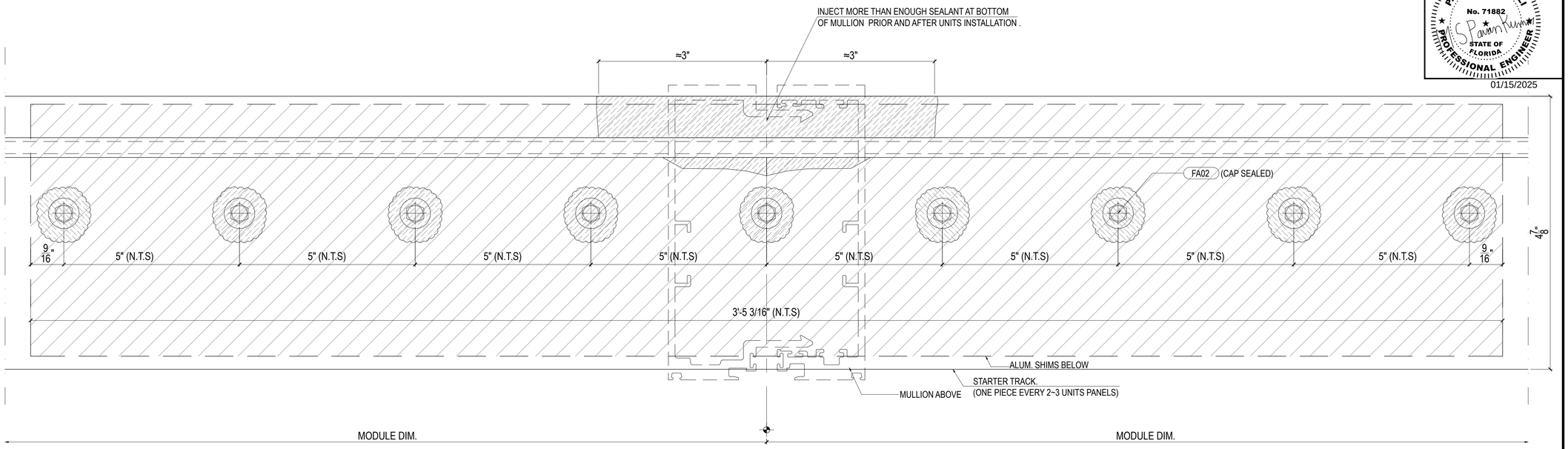
Sheet No.: DT-521

Date: Jan. 15, 2025	Revision No.: -
Scale: 1'-0"=1'-0"	Size: 22"x34"

Phase: System Drawing



1 TYPICAL STARTER TRACK PLAN DETAIL @ 160<WL≤205
Scale:1'-0"=1'-0" FROM:PE-107



2 TYPICAL STARTER TRACK PLAN DETAIL @ 160<WL≤205
Scale:1'-0"=1'-0" FROM:PE-108

No.	Date	Description
-	-	-

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SYSTEM:

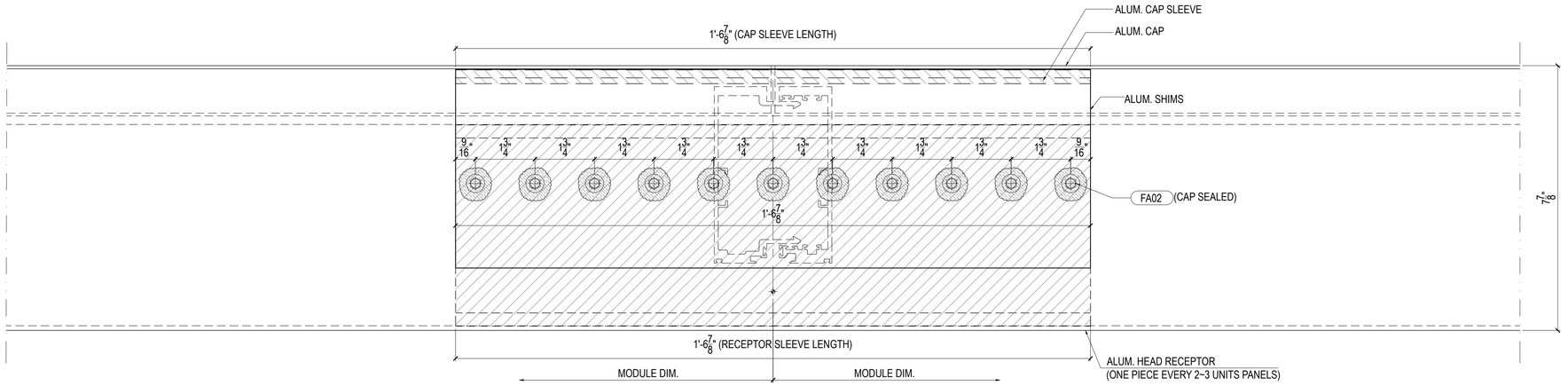
ELICC-WW-200 SERIES

Title:
PLAN DETAILS OF
STARTER TRACK

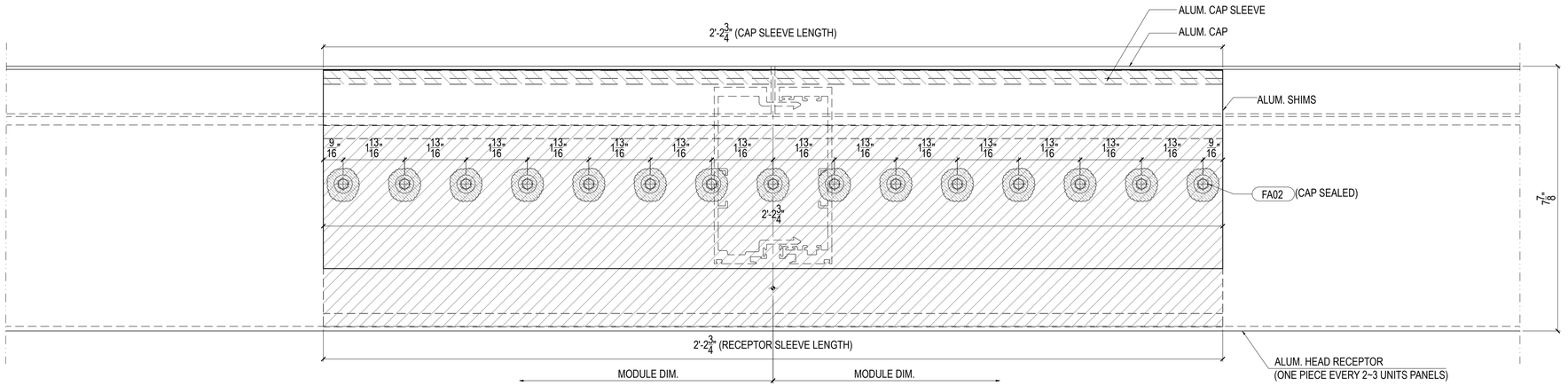
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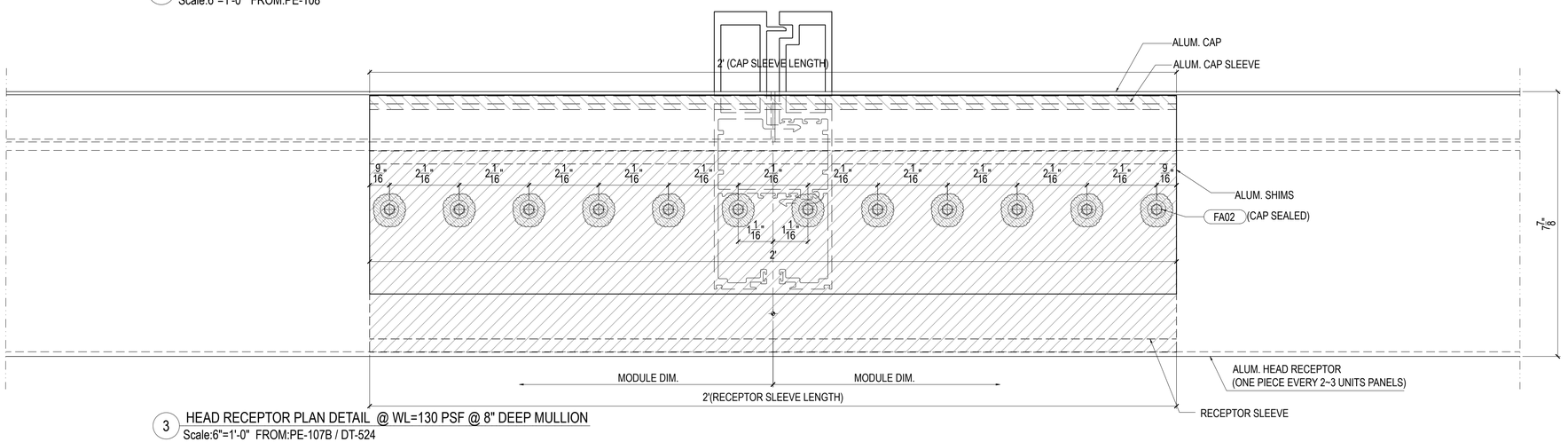
Phase: System Drawing



1 HEAD RECEPTOR PLAN DETAIL @ 110<WL≤160 PSF @ UNIT WIDTH ≤ 4'-0"
Scale:6"=1'-0" FROM:PE-107



2 HEAD RECEPTOR PLAN DETAIL @ 160<WL≤205 @ UNIT WIDTH ≤ 4'-0"
Scale:6"=1'-0" FROM:PE-108



3 HEAD RECEPTOR PLAN DETAIL @ WL=130 PSF @ 8" DEEP MULLION
Scale:6"=1'-0" FROM:PE-107B / DT-524

No.	Date	Description
-	-	-

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SYSTEM:
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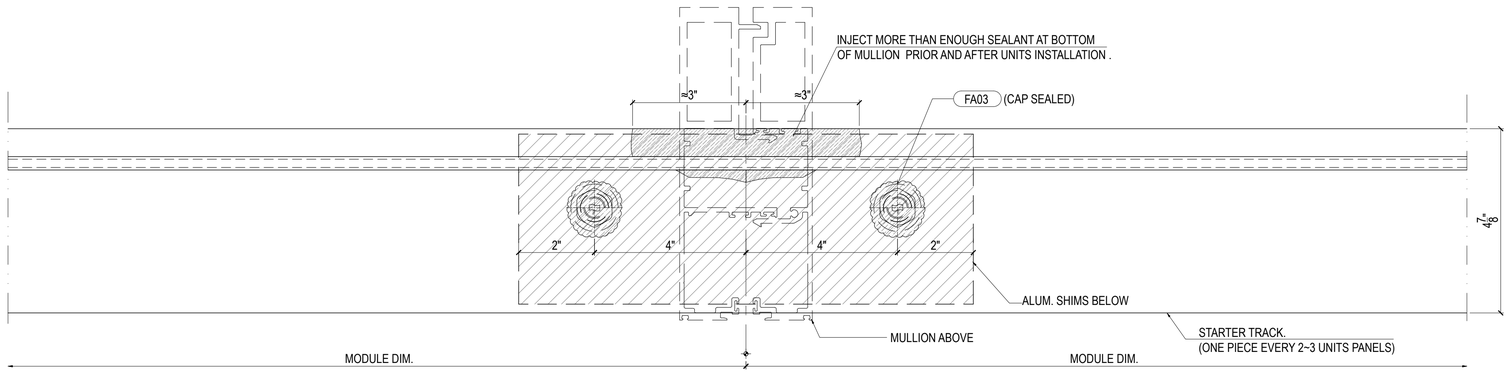
01/15/2025

Title:
PLAN DETAILS OF
HEAD RECEPTOR

Sheet No.: DT-521C

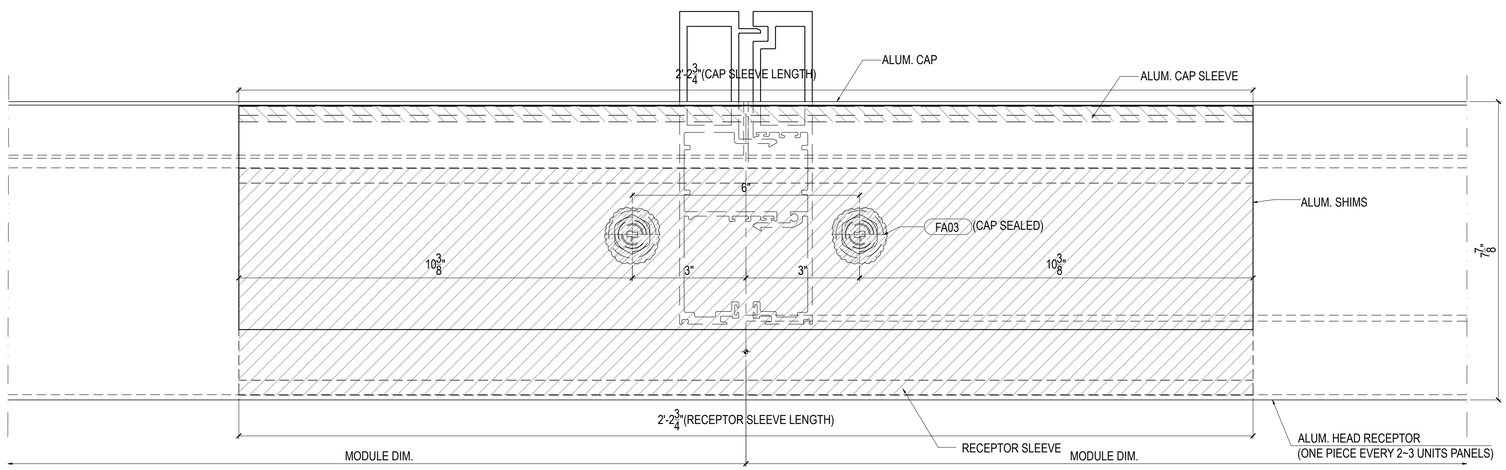
Date: Jan. 15, 2025	Revision No.: -
Scale: 6"=1'-0"	Size: 22"x34"

Phase: System Drawing

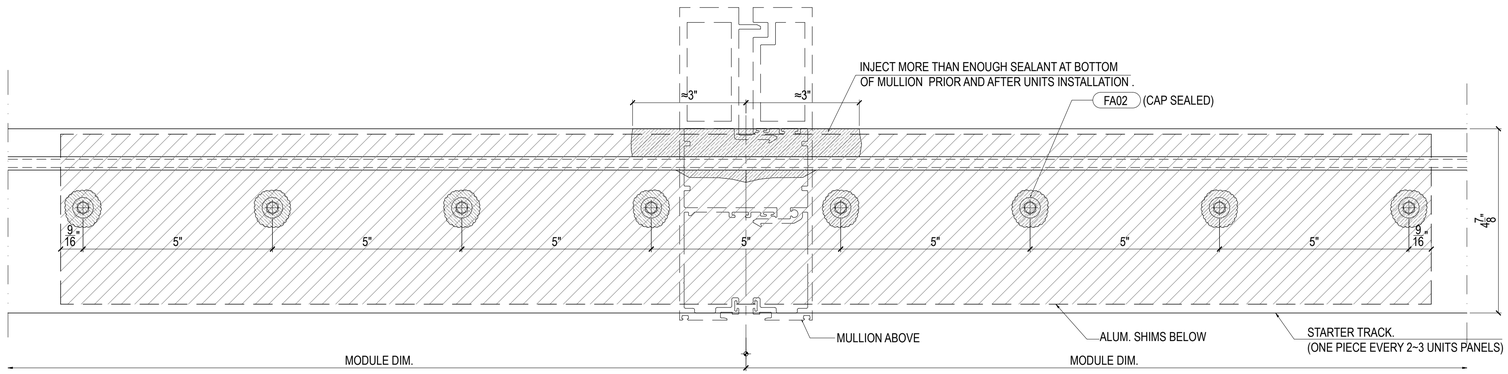


1 TYPICAL STARTER TRACK PLAN DETAIL @ WL=±175 PSF @ 8" DEEP MULLION
Scale:6"=1'-0" FROM: PE-108B

A
DT-524



2 HEAD RECEPTOR PLAN DETAIL @ WL=±175 PSF @ 8" DEEP MULLION
Scale:6"=1'-0" FROM: PE-108B



3 TYPICAL STARTER TRACK PLAN DETAIL @ WL=130 PSF @ 8" DEEP MULLION
Scale:6"=1'-0" FROM:PE-107B / DT-524

No.	Date	Description
-	-	-

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Approved By:

Checked By:

Design Team:

SYSTEM:

ELICC-WW-200 SERIES

Title:
PLAN DETAILS OF
STARTER TRACK & HEAD
RECEPTOR @ 8" DEEP MULLION

Sheet No.: DT-521D

Date: Jan. 15, 2025	Revision No.: -
Scale: 6"=1'-0"	Size: 22"x34"

Phase: System Drawing

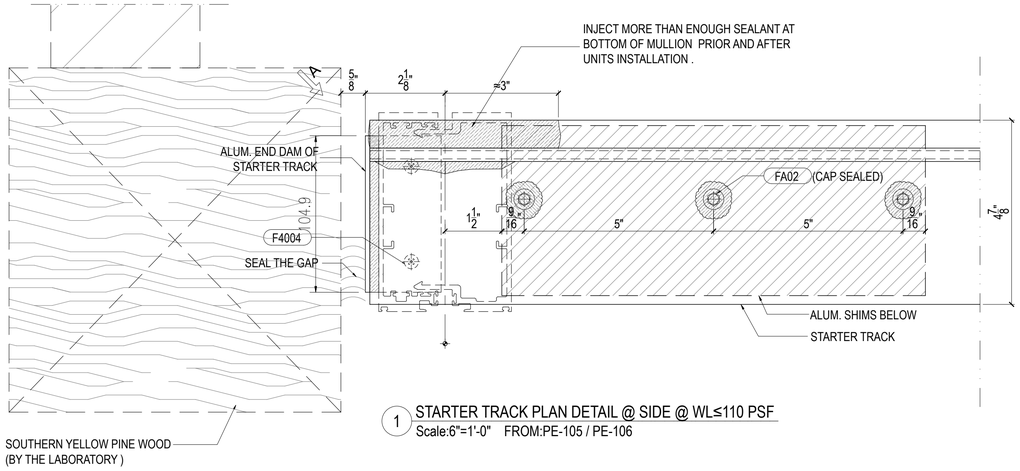
ELICC WW-200 SERIES

FL #46344

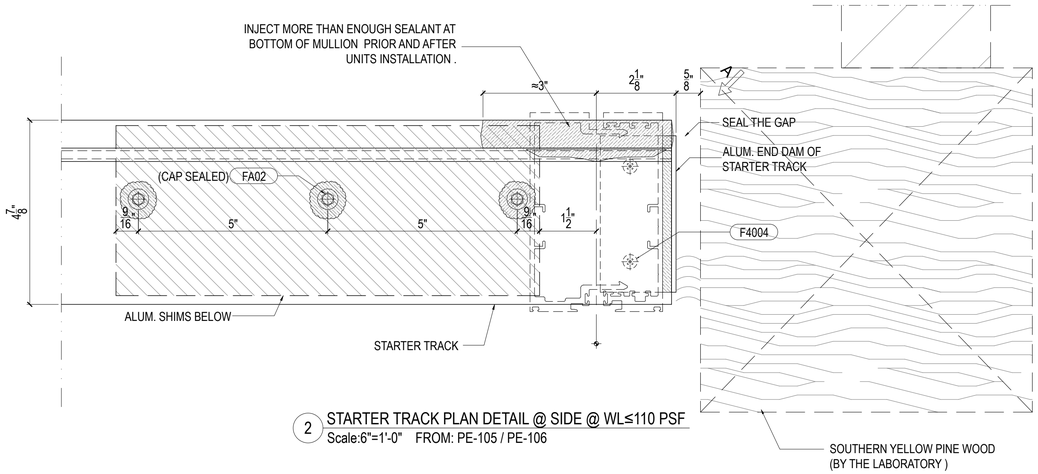
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PE - 71882

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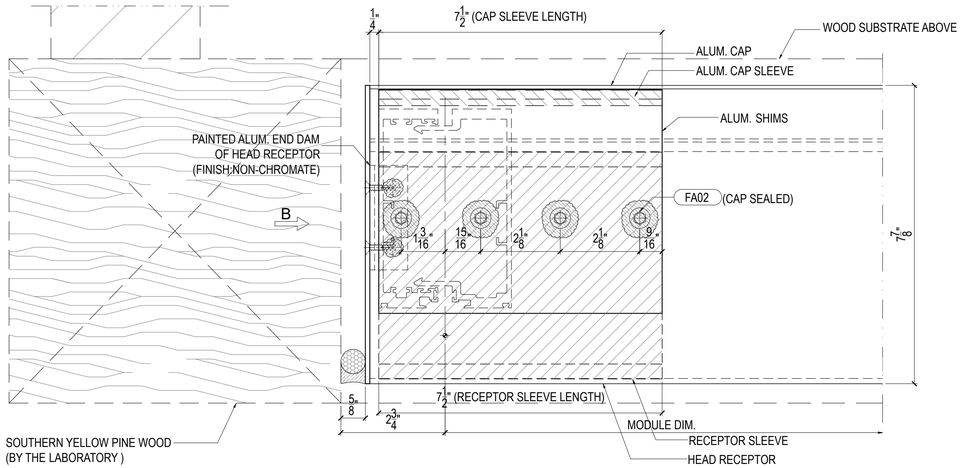
01/15/2025



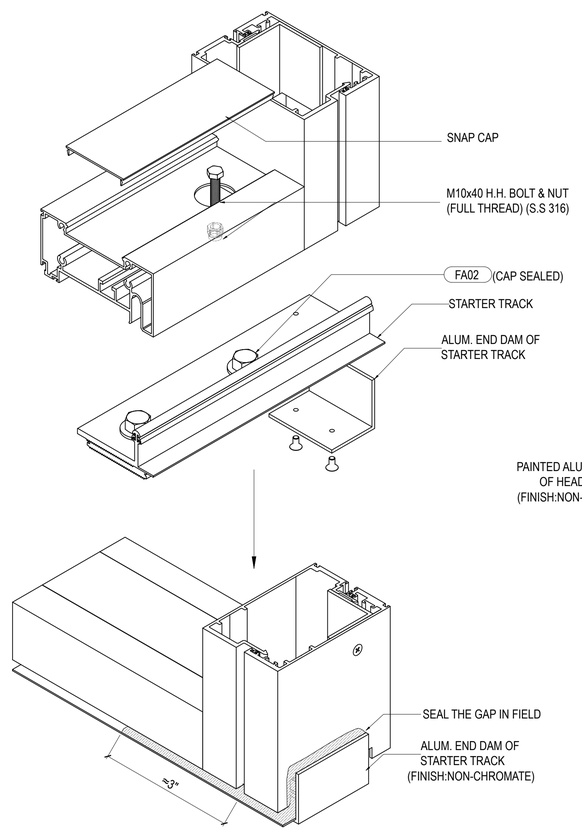
1 STARTER TRACK PLAN DETAIL @ SIDE @ WL≤110 PSF
Scale:6"=1'-0" FROM:PE-105 / PE-106



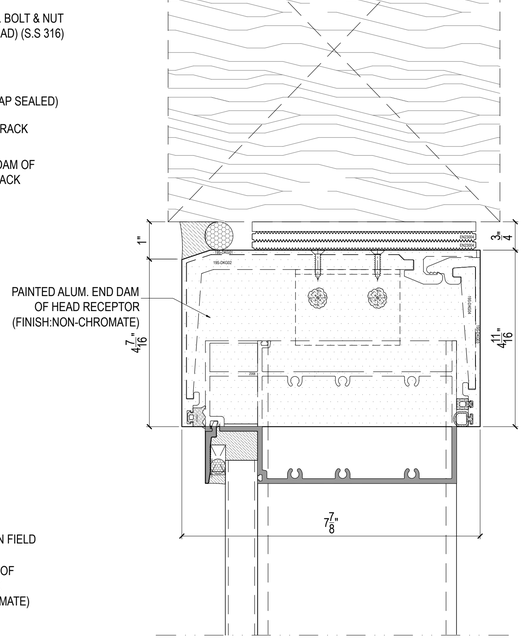
2 STARTER TRACK PLAN DETAIL @ SIDE @ WL≤110 PSF
Scale:6"=1'-0" FROM: PE-105 / PE-106



3 HEAD RECEPTOR PLAN DETAIL @ SIDE @ WL≤110 PSF
Scale:6"=1'-0" FROM:PE-105 / PE-106



A VIEW OF STARTER TRACK
Scale:6"=1'-0" FROM: DT-520



B END OF THE HEAD RECEPTOR
Scale:6"=1'-0" FROM: DT-520

No.	Date	Description
-	-	-

Revisions:

Issued By:

ELICC AMERICAS CORPORATION
13475 DANIELSON ST.
POWAY, CA 92064
Tel: (760)-233-0066
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Approved By:

Checked By:

Design Team:

SYSTEM:
ELICC-WW-200 SERIES

Title:
PLAN DETAILS OF STARTER TRACK & HEAD RECEPTOR @ SIDE

Sheet No.: DT-522

Date: Jan. 15, 2025	Revision No.: -
Scale: 6"=1'-0"	Size: 22"x34"

Phase: System Drawing

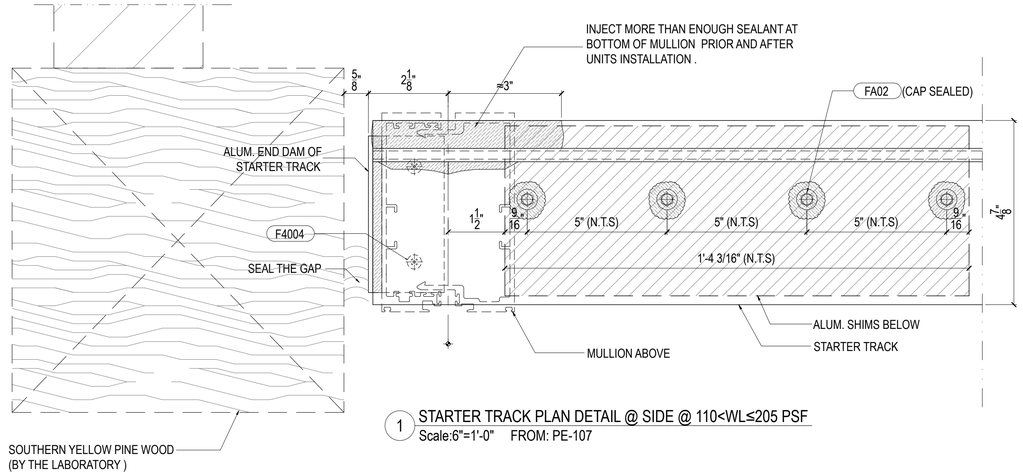
ELICC WW-200 SERIES

FL #46344

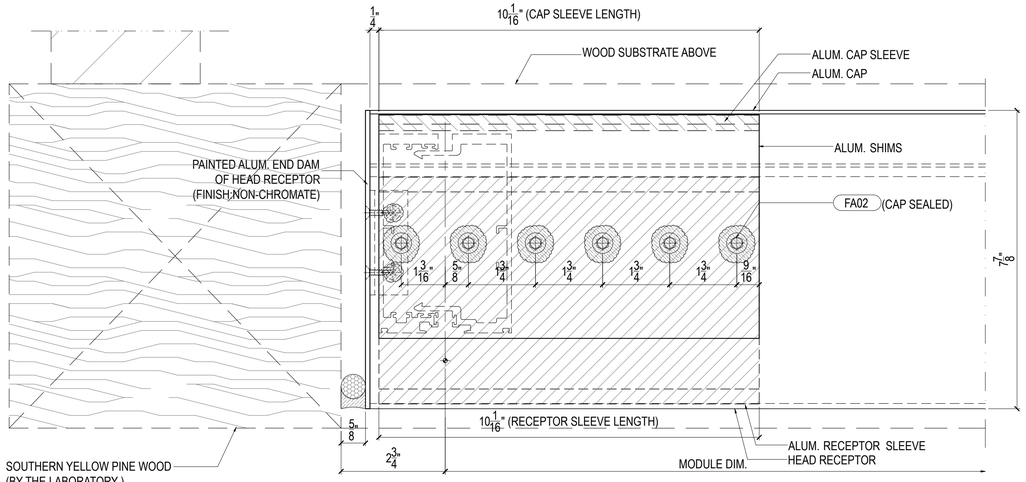
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FLORIDA REGISTRATION
PE - 71882

PAVAN MANEPALLI LICENSE No. 71882 STATE OF FLORIDA PROFESSIONAL ENGINEER

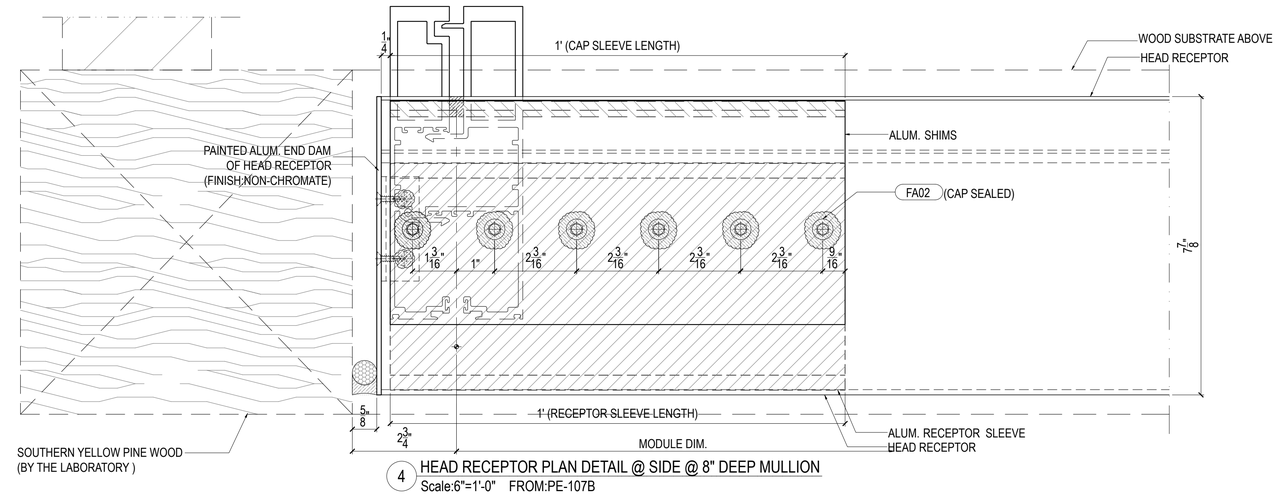
01/15/2025



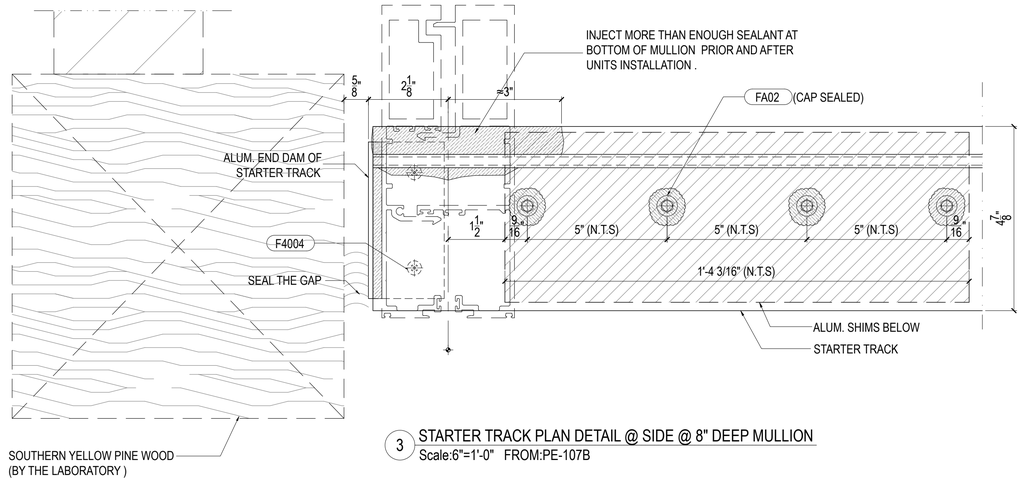
1 STARTER TRACK PLAN DETAIL @ SIDE @ 110<WL≤205 PSF
Scale:6"=1'-0" FROM: PE-107



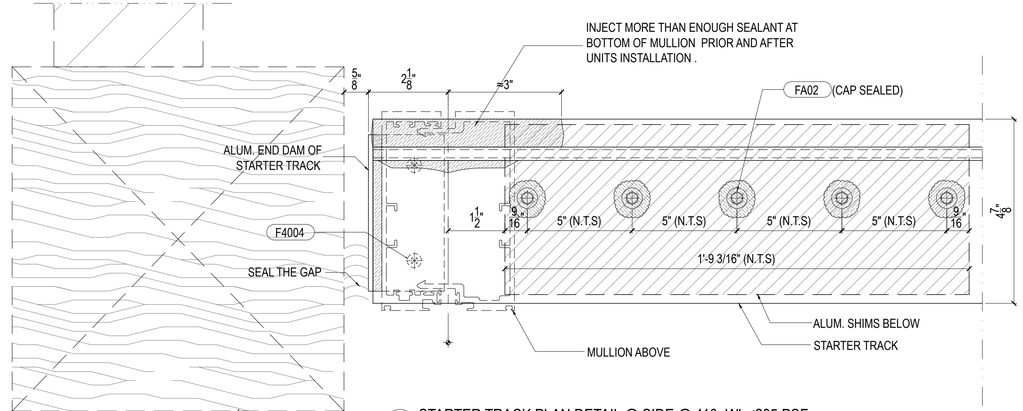
2 HEAD RECEPTOR PLAN DETAIL @ SIDE @ 160<WL≤205 PSF
Scale:6"=1'-0" FROM: PE-107



4 HEAD RECEPTOR PLAN DETAIL @ SIDE @ 8" DEEP MULLION
Scale:6"=1'-0" FROM:PE-107B



3 STARTER TRACK PLAN DETAIL @ SIDE @ 8" DEEP MULLION
Scale:6"=1'-0" FROM:PE-107B



5 STARTER TRACK PLAN DETAIL @ SIDE @ 110<WL≤205 PSF
Scale:6"=1'-0" FROM: PE-108

No.	Date	Description
-	-	-

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Checked By:

Design Team:

SYSTEM:

ELICC-WW-200 SERIES

ELICC WW-200 SERIES

FL —#46344

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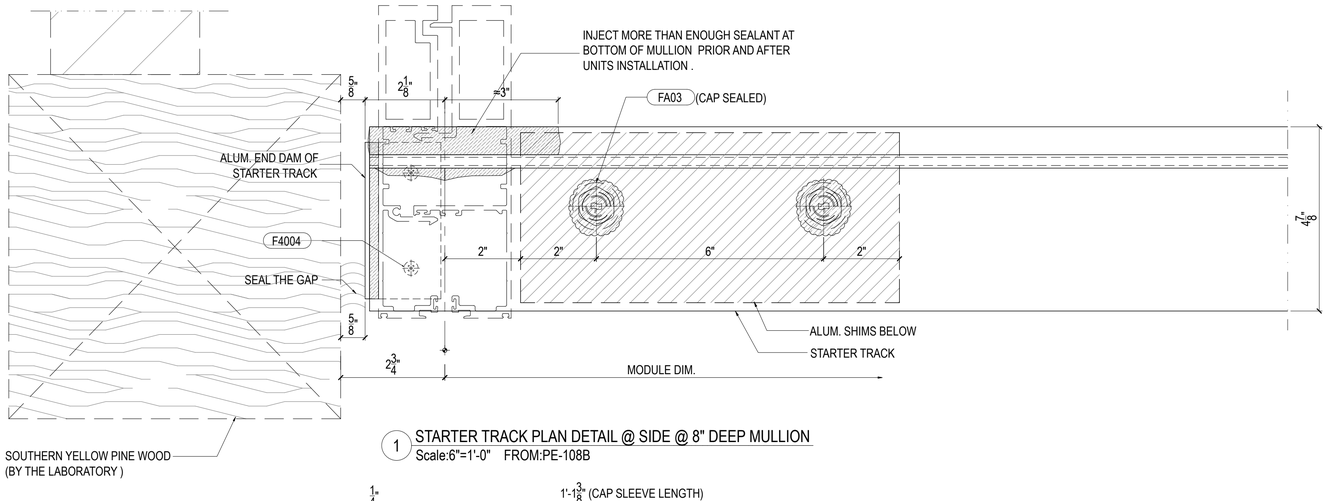
Title:
PLAN DETAILS OF STARTER TRACK & HEAD RECEPTOR @ SIDE

Sheet No.: DT-522B

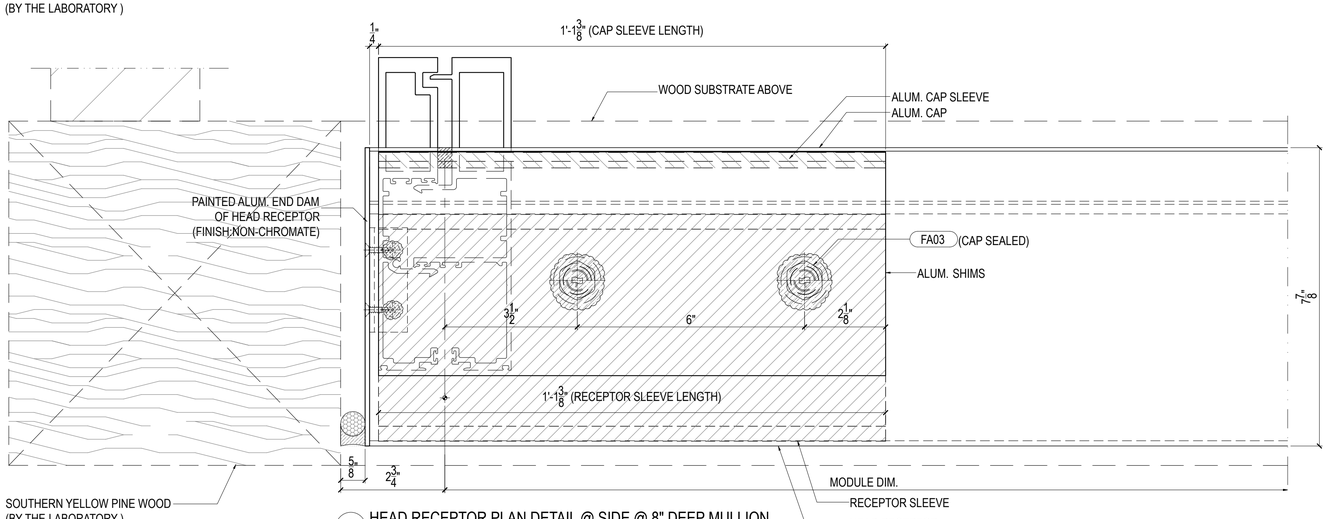
Date: Jan. 15, 2025	Revision No.: -
Scale: 6"=1'-0"	Size: 22"x34"

Phase: System Drawing

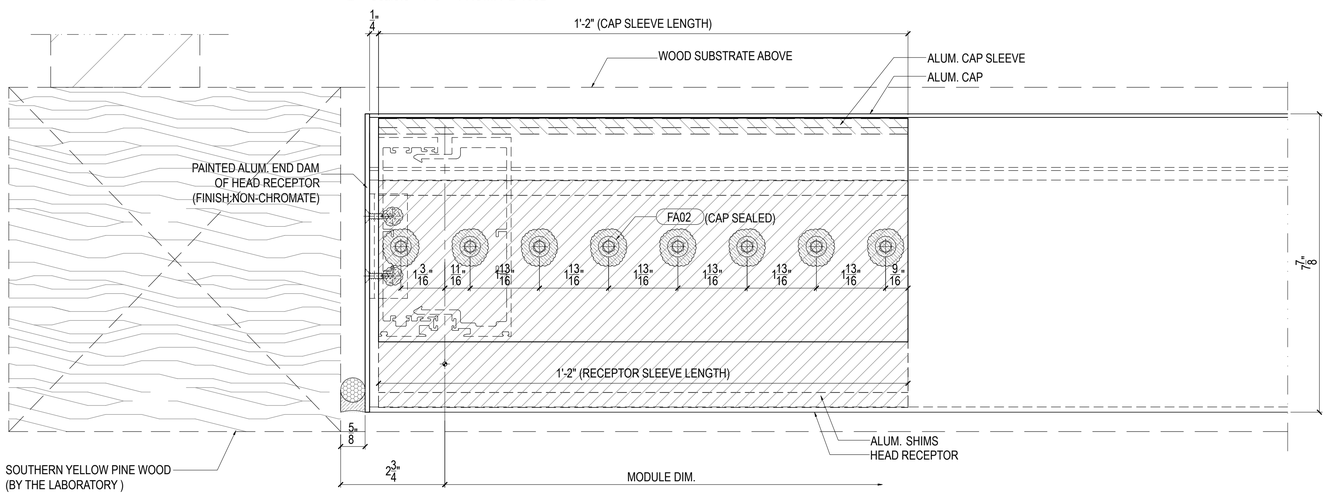
01/15/2025



1 STARTER TRACK PLAN DETAIL @ SIDE @ 8" DEEP MULLION
Scale:6"=1'-0" FROM:PE-108B



2 HEAD RECEPTOR PLAN DETAIL @ SIDE @ 8" DEEP MULLION
Scale:6"=1'-0" FROM: PE-108B



3 HEAD RECEPTOR PLAN DETAIL @ SIDE @ 160<WL≤205 PSF
Scale:6"=1'-0" FROM: PE-108

No.	Date	Description
-	-	-

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Approved By:

Checked By:

Design Team:

SYSTEM:

ELICC-WW-200 SERIES

Title:
PLAN DETAILS OF STARTER TRACK & HEAD RECEPTOR @ SIDE

Sheet No.: DT-522C

Date: Jan. 15, 2025	Revision No.: -
Scale: 6"=1'-0"	Size: 22"x34"

Phase: System Drawing

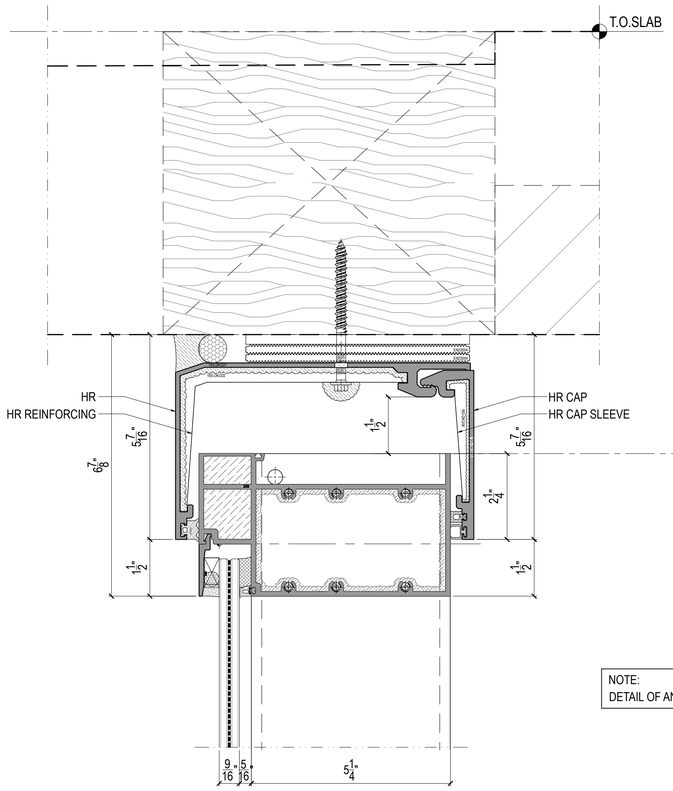
ELICC WW-200 SERIES

FL – #46344

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FLORIDA REGISTRATION
PE - 71882

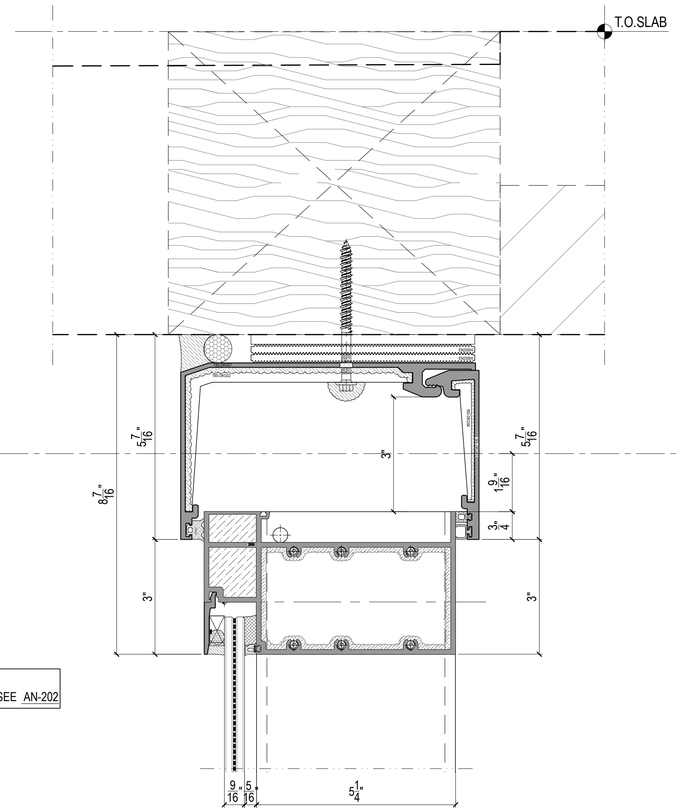
PAVAN MANEPALLI LICENSE No. 71882 STATE OF FLORIDA PROFESSIONAL ENGINEER

01/15/2025

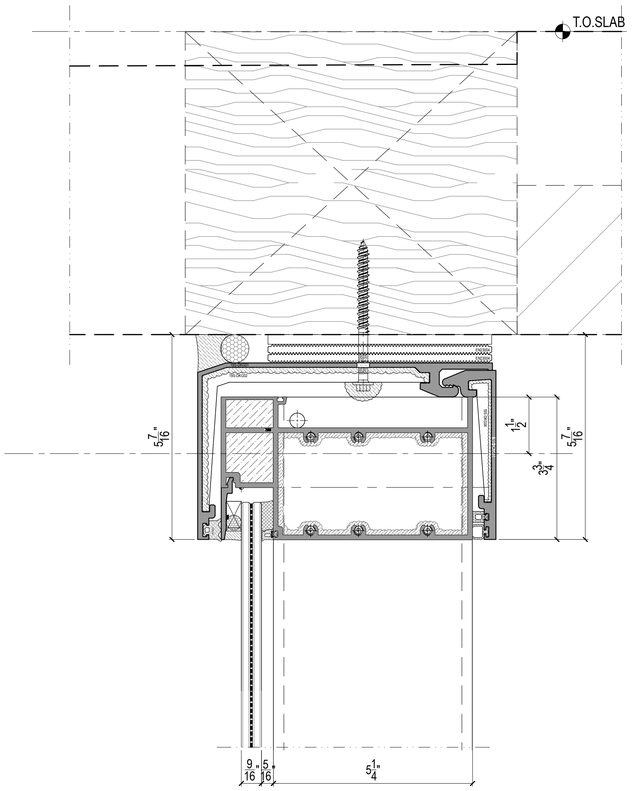


1 HEAD RECEPTOR NORMAL POSITION
Scale:6"=1'-0"

NOTE:
DETAIL OF ANCHOR SEE AN-202



2 HEAD RECEPTOR MAX. OPEN (+1.516")
Scale:6"=1'-0"



3 HEAD RECEPTOR MAX. CLOSED (-1.175")
Scale:6"=1'-0"

Deflection	OPEN	CLOSE
Total Stack Joint allowance	1.535" (39mm)	1.496" (38mm)

No.	Date	Description
-	-	-

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Design Team:

SYSTEM:
ELICC-WW-200 SERIES

Title:
VERTICAL MOVEMENT
@ WW SYSTEM

Sheet No.: DT-523

Date: Jan. 15, 2025 | Revision No.: -

Scale: 6"=1'-0" | Size: 22"x34"

Phase: System Drawing

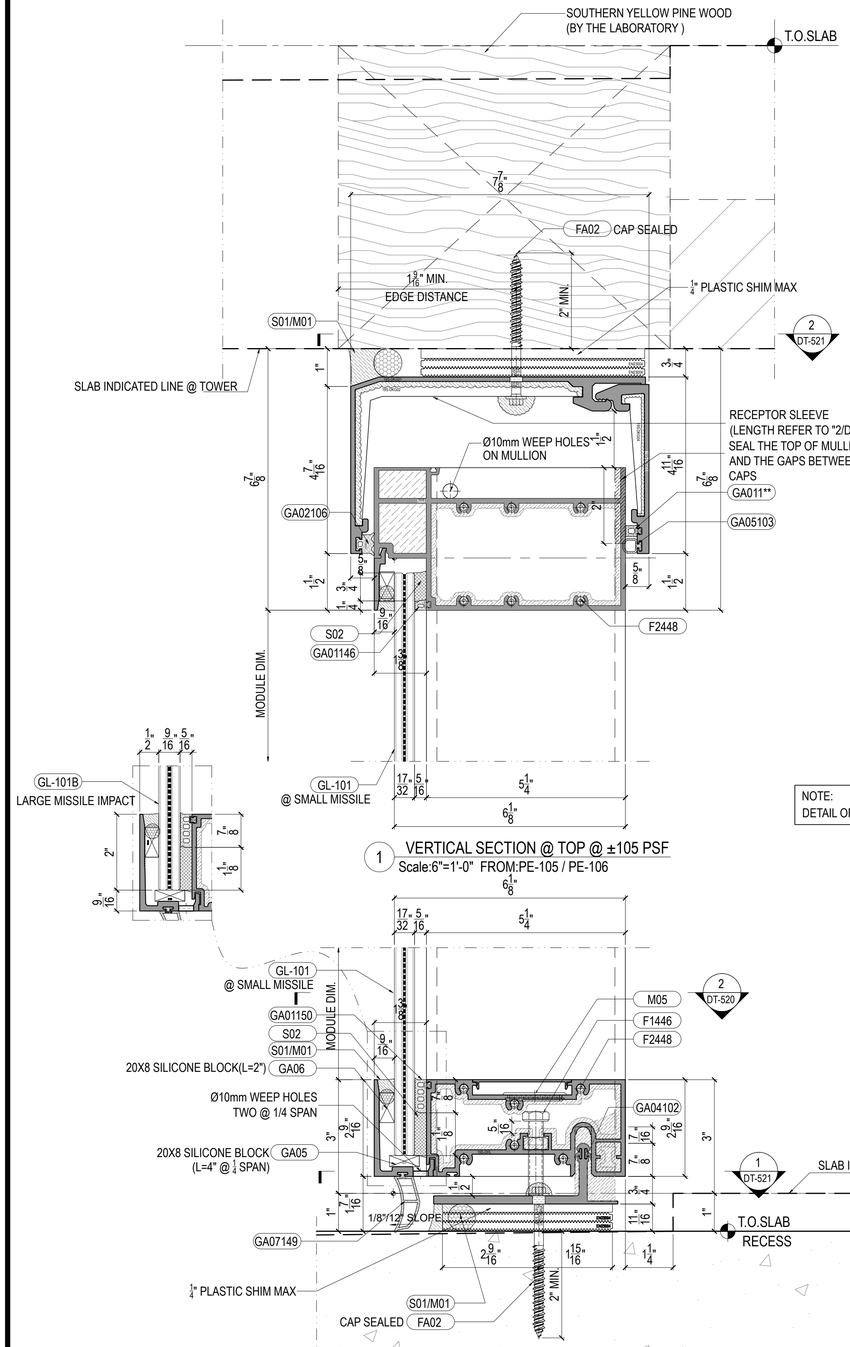
ELICC WW-200 SERIES

FL #46344

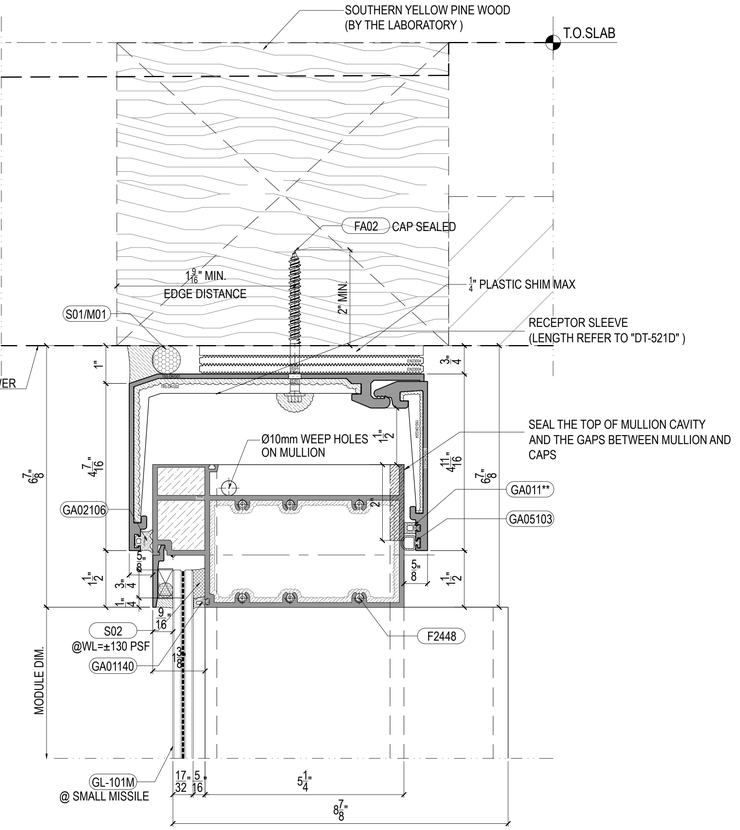
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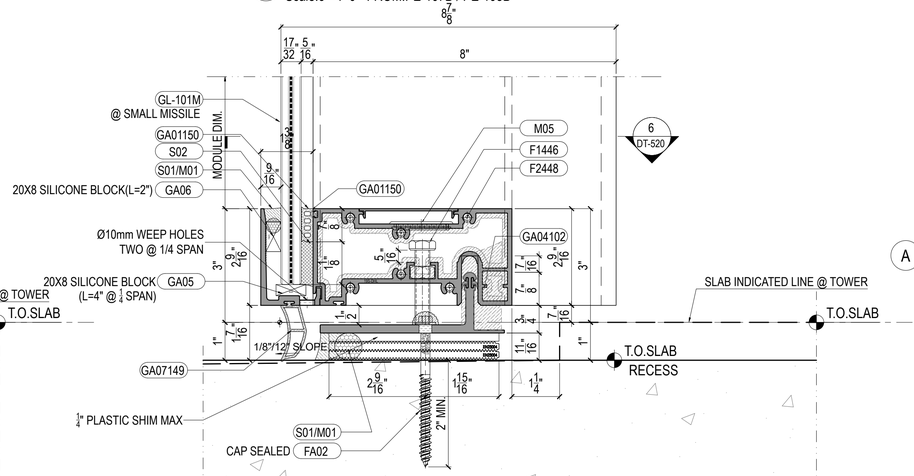


1 VERTICAL SECTION @ TOP @ ±105 PSF
Scale:6"=1'-0" FROM:PE-105 / PE-106



3 VERTICAL SECTION @ TOP @ 8" DEEP MULLION
Scale:6"=1'-0" FROM:PE-107B / PE-108B

2 VERTICAL SECTION @ STARTER TRACK @ ±105 PSF
Scale:6"=1'-0" FROM: PE-105 / PE-106



4 VERTICAL SECTION @ STARTER TRACK @ 8" DEEP MULLION
Scale:6"=1'-0" FROM: PE-107B / PE-108B

A BACK VIEW OF HEAD RECEPTOR
Scale:N.T.S FROM: PE-107B

No.	Date	Description
-	-	-

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Checked By:

Design Team:

SYSTEM:
ELICC-WW-200 SERIES

Title:
VERTICAL SECTION DETAIL

ELICC WW-200 SERIES

FL –#46344

PAVAN MANEPALLI, P.E.
FLORIDA REGISTRATION
PE - 71882

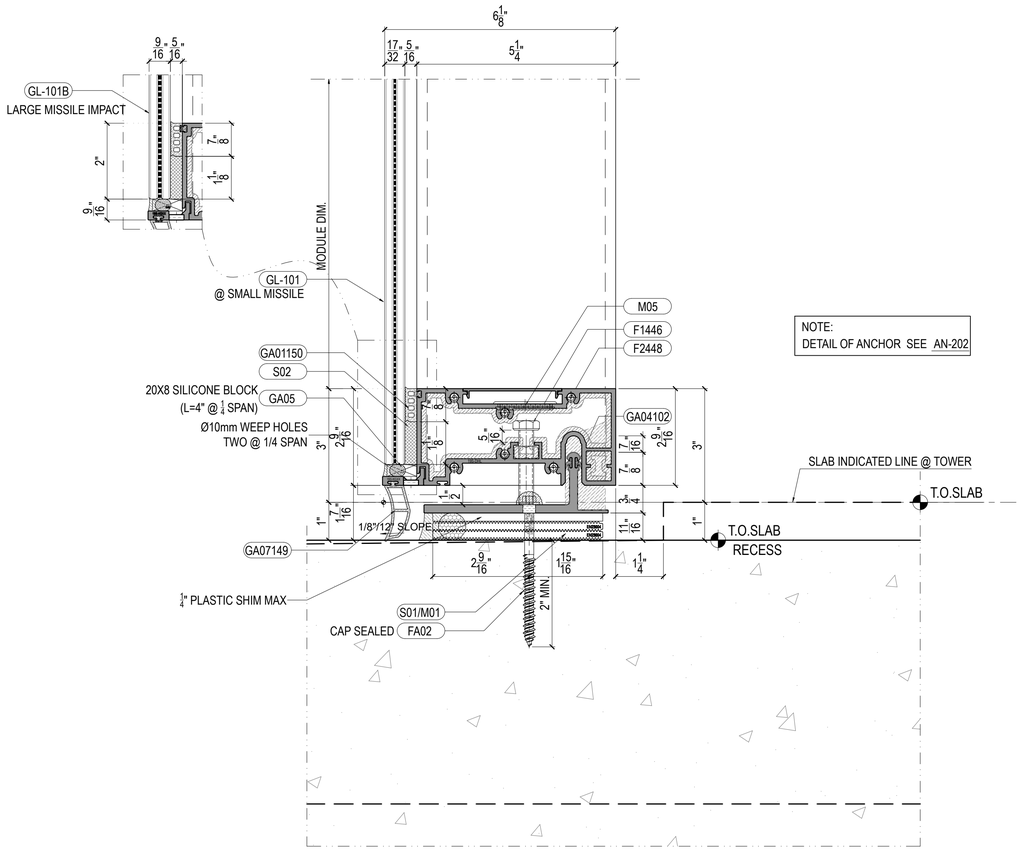
PAVAN MANEPALLI LICENSE No. 71882 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sheet No.: DT-524

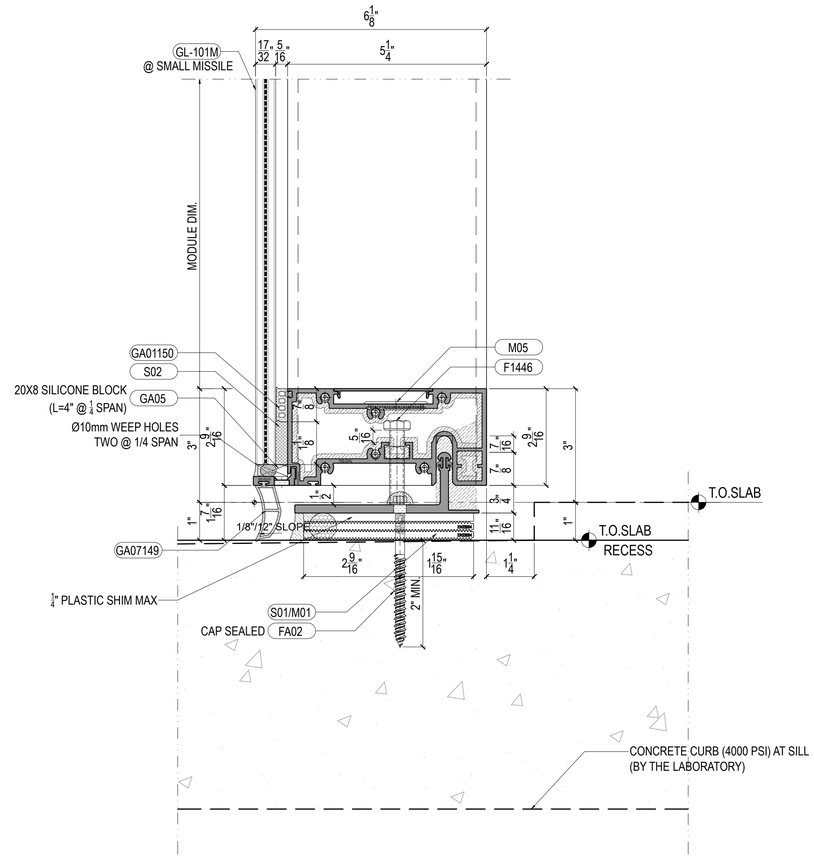
Date: Jan. 15, 2025	Revision No.: -
Scale: 6"=1'-0"	Size: 22"x34"

Phase: System Drawing

01/15/2025



1 VERTICAL SECTION @ STARTER TRACK @ ±105 PSF
Scale:6"=1'-0" FROM: PE-105 / PE-106



2 VERTICAL SECTION @ STARTER TRACK
Scale:6"=1'-0" FROM:PE-107

No.	Date	Description
-	-	-

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Approved By:

Checked By:

Design Team:

SYSTEM:
ELICC-WW-200 SERIES

Title:
VERTICAL SECTION DETAIL

ELICC WW-200 SERIES

FL – #46344

PAVAN MANEPALLI, P.E.
FLORIDA REGISTRATION
PE - 71882

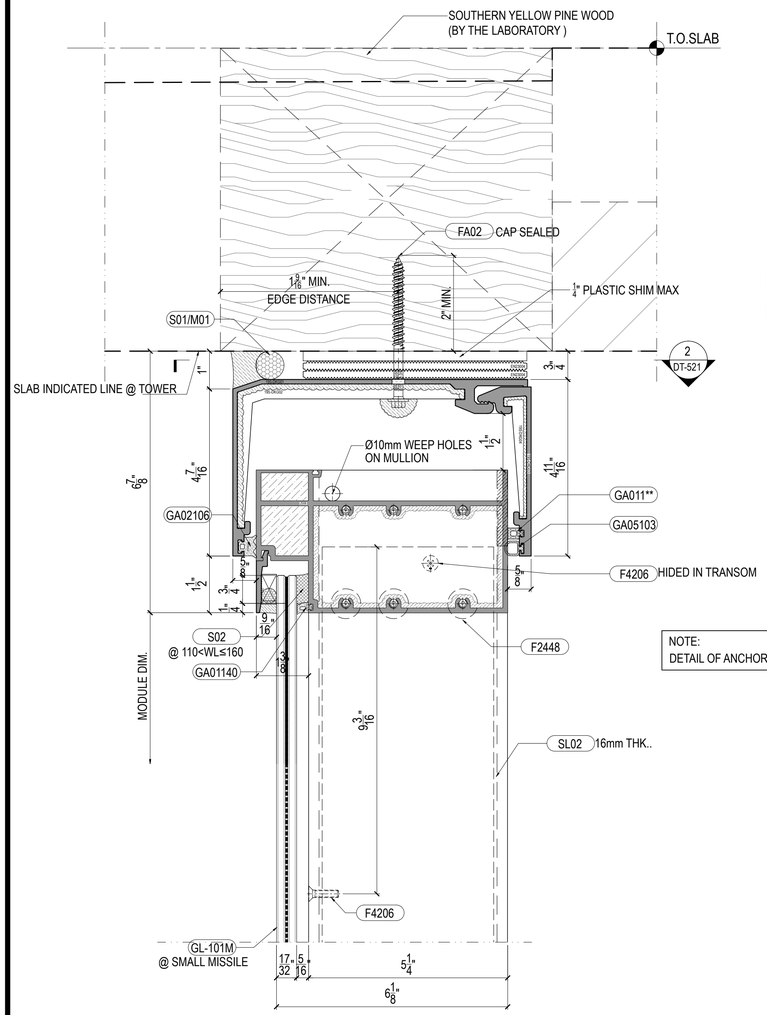
PAVAN MANEPALLI LICENSE No. 71882 STATE OF FLORIDA PROFESSIONAL ENGINEER

01/15/2025

Sheet No.: DT-524B

Date: Jan. 15, 2025	Revision No.: -
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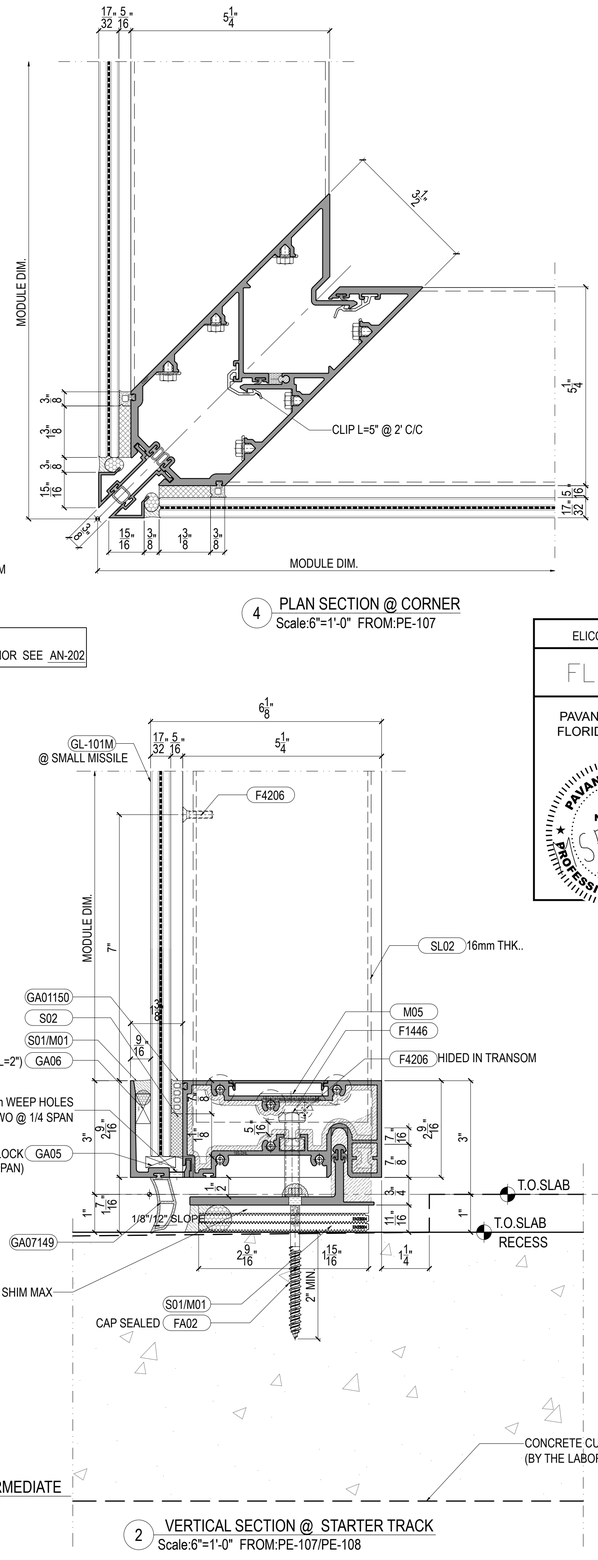
Phase: System Drawing



1 VERTICAL SECTION @ TOP
Scale:6"=1'-0" FROM:FROM:PE-107/PE-108

3 VERTICAL SECTION @ INTERMEDIATE
Scale:6"=1'-0" FROM:FROM:PE-107

NOTE:
DETAIL OF ANCHOR SEE AN-202



4 PLAN SECTION @ CORNER
Scale:6"=1'-0" FROM:PE-107

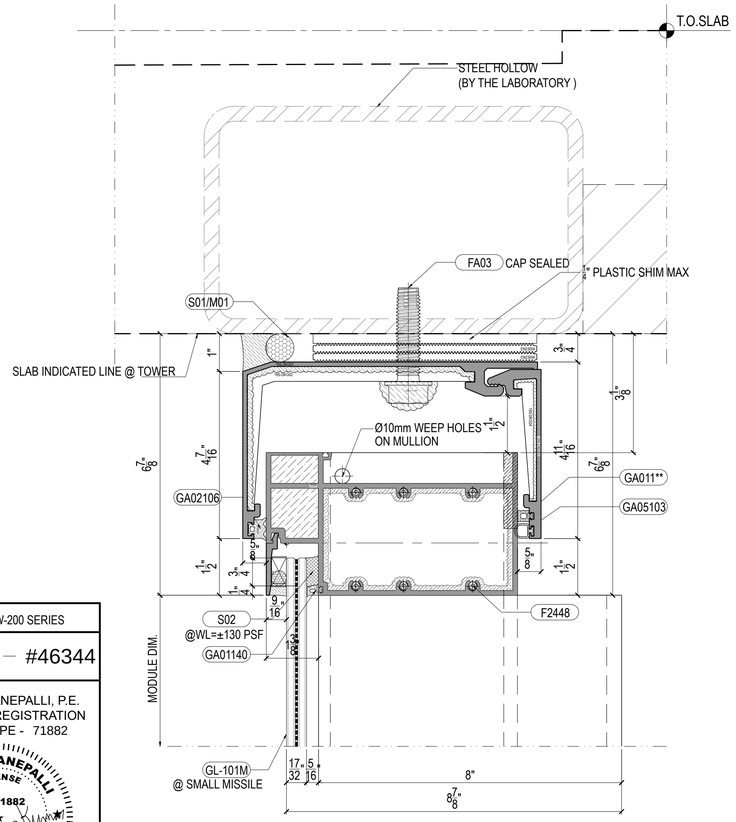
2 VERTICAL SECTION @ STARTER TRACK
Scale:6"=1'-0" FROM:PE-107/PE-108

ELICC WW-200 SERIES
FL – #46344

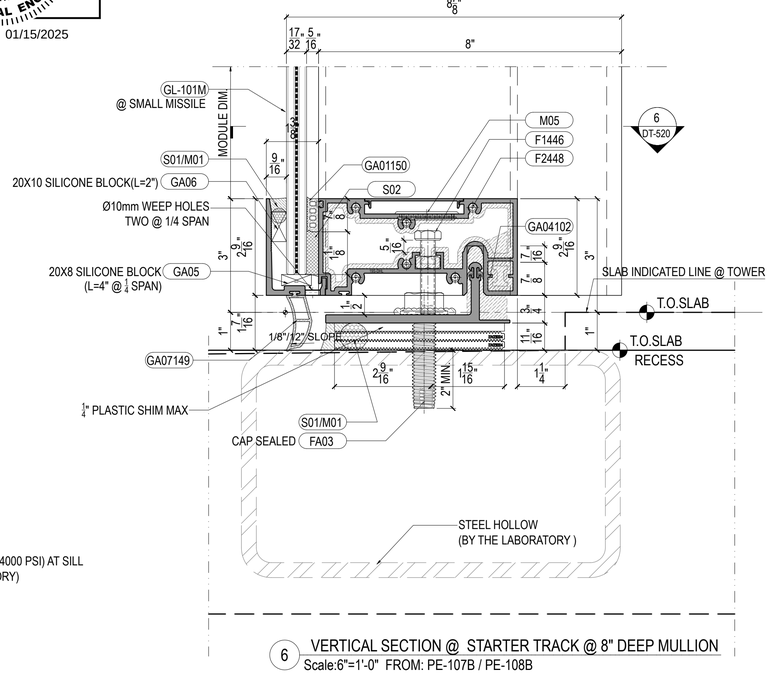
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FLORIDA REGISTRATION
PE - 71882

PAVAN MANEPALLI LICENSE No. 71882 STATE OF FLORIDA PROFESSIONAL ENGINEER

01/15/2025



5 VERTICAL SECTION @ TOP @ 8" DEEP MULLION
Scale:6"=1'-0" FROM:PE-107B / PE-108B



6 VERTICAL SECTION @ STARTER TRACK @ 8" DEEP MULLION
Scale:6"=1'-0" FROM: PE-107B / PE-108B

No.	Date	Description
-	-	-

Revisions:

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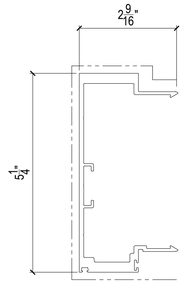
SYSTEM:
ELICC-WW-200 SERIES

Title:
VERTICAL SECTION DETAIL

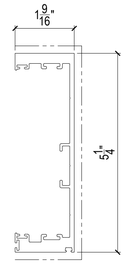
Sheet No.: DT-525

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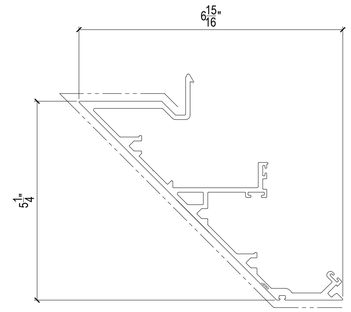
Phase: System Drawing



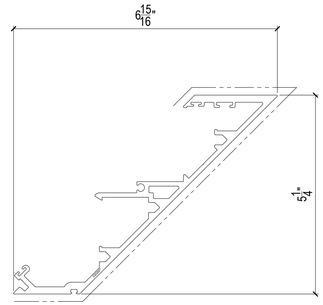
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MATERIAL : 6063-T6	
FINISH : NON-CHROMATE	
PURPOSE : MALE MULLION	LEGEND:
COLOR: -	POWDER COAT



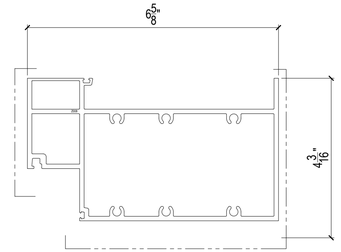
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COLOR: -	POWDER COAT



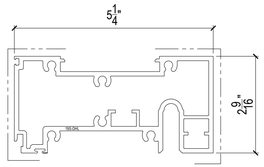
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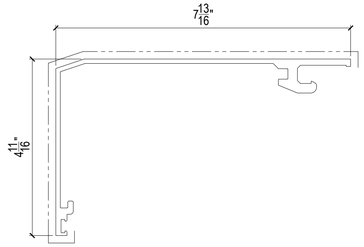
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PURPOSE : MALE MULLION	LEGEND:
COLOR: -	POWDER COAT



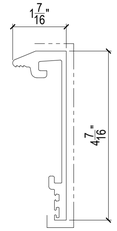
DIE NO. :*	
MATERIAL : 6063-T5	
FINISH : NON-CHROMATE	
PURPOSE : TOP TRANSOM	LEGEND:
COLOR: -	POWDER COAT



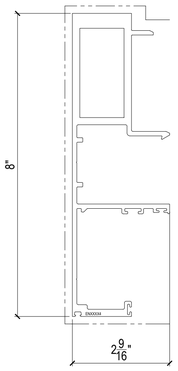
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MATERIAL : 6063-T5	
FINISH : NON-CHROMATE	
PURPOSE : BOTTOM TRANSOM	LEGEND:
COLOR: -	POWDER COAT



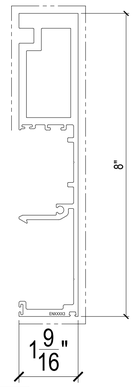
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MATERIAL : 6063-T5	
FINISH : AAMA2605	
PURPOSE : ALUM. TUBE	LEGEND:
COLOR: -	POWDER COAT



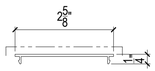
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PURPOSE : CAP	LEGEND:
COLOR: -	POWDER COAT



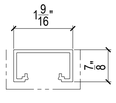
DIE NO. :*	
MATERIAL : 6063-T6	
FINISH : AAMA2604	
PURPOSE : MALE MULLION	LEGEND:
COLOR: -	POWDER COAT



DIE NO. :*	
MATERIAL : 6063-T6	
FINISH : AAMA2604	
PURPOSE : FEMALE MULLION	LEGEND:
COLOR: -	POWDER COAT



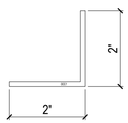
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FINISH : NON-CHROMATE	
PURPOSE : COVER	LEGEND:
COLOR: -	POWDER COAT



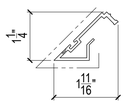
DIE NO. :*	
MATERIAL : 6063-T5	
FINISH : AAMA2605	
PURPOSE : ALUM. TUBE	LEGEND:
COLOR: -	POWDER COAT



DIE NO. :EN13013	
MATERIAL : 6063-T5	
FINISH : AAMA2605	
PURPOSE : COVER	LEGEND:
COLOR: -	POWDER COAT



DIE NO. :1330	
MATERIAL : 6063-T5	
FINISH : NON-CHROMATE	
PURPOSE : ANGLE	LEGEND:
COLOR: -	POWDER COAT



DIE NO. :*	
MATERIAL : 6063-T5	
FINISH : MILL FINISH	
PURPOSE : CAP	LEGEND:
COLOR: -	POWDER COAT

-	-	-
No.	Date	Description

Revisions:

Issued By:

ELICC AMERICAS CORPORATION
13475 DANIELSON ST.
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SYSTEM:

ELICC-WW-200 SERIES

Title:

MATERIAL LIST
Aluminum Extrusion

Sheet No.: ML-031

Date: Jan. 15, 2025	Revision No.: -
Scale: 6"=1'-0"	Size: 22"x34"

Phase: System Drawing

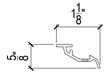
ELICC WW-200 SERIES

FL – #46344

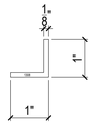
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FLORIDA REGISTRATION
PE - 71882

PAVAN MANEPALLI LICENSE No. 71882 STATE OF FLORIDA PROFESSIONAL ENGINEER

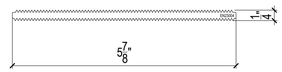
01/15/2025



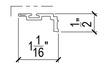
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MATERIAL : 6063-T6	
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PURPOSE : ANTI-BUCKLING CLIP	LEGEND:
COLOR: -	POWDER COAT



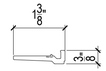
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COLOR: -	POWDER COAT



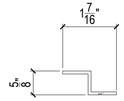
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FINISH : NON-CHROMATE	
PURPOSE : SHIM	LEGEND:
COLOR: -	POWDER COAT



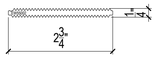
DIE NO. : *	
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FINISH : MILL FINISH	
PURPOSE : TRIM	LEGEND:
COLOR: -	POWDER COAT



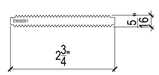
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COLOR: -	POWDER COAT



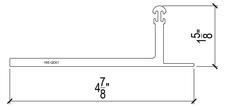
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PURPOSE : CLIP	LEGEND:
COLOR: -	POWDER COAT



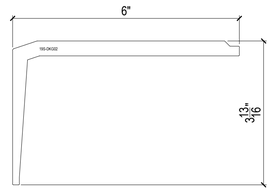
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MATERIAL : 6063-T5	
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PURPOSE : SHIM	LEGEND:
COLOR: -	POWDER COAT



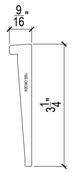
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COLOR: -	POWDER COAT



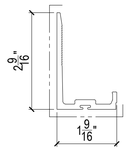
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PURPOSE : STARTER TRACK	LEGEND:
COLOR: -	POWDER COAT



DIE NO. :*	
MATERIAL : 6061-T6	
FINISH : NON-CHROMATE	
PURPOSE : RECEPTOR SLEEVE	LEGEND:
COLOR: -	POWDER COAT



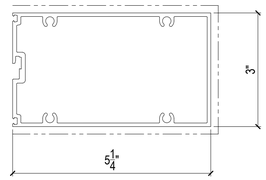
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FINISH : NON-CHROMATE	
PURPOSE : CAP SLEEVE	LEGEND:
COLOR: -	POWDER COAT



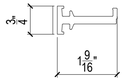
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FINISH : AAMA2605	
PURPOSE : CAP	LEGEND:
COLOR: -	POWDER COAT



DIE NO. :ES12002	
MATERIAL : 6063-T6	
FINISH :NON-CHROMATE	
PURPOSE : ANTI-BUCKLING CLIP	LEGEND:
COLOR: -	POWDER COAT



DIE NO. :*	
MATERIAL : 6063-T5	
FINISH : AAMA2604	
PURPOSE : INTERMEDIATE TRANSOM	LEGEND:
COLOR: -	POWDER COAT



DIE NO. :*	
MATERIAL : 6063-T6	
FINISH : AAMA2605	
PURPOSE : CLIP	LEGEND:
COLOR: -	POWDER COAT

No.	Date	Description
-	-	-

Revisions:

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Checked By:

Design Team:

SYSTEM:

ELICC-WW-200 SERIES

Title:

MATERIAL LIST
Aluminum Extrusion

ELICC WW-200 SERIES

FL – #46344

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FLORIDA REGISTRATION
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PAVAN MANEPALLI LICENSE No. 71882 STATE OF FLORIDA PROFESSIONAL ENGINEER

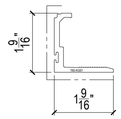
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Sheet No.: ML-032

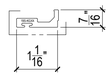
Date: Jan. 15, 2025 | Revision No.: -

Scale: 6"=1'-0" | Size: 22"x34"

Phase: System Drawing



DIE NO. :*	
MATERIAL : 6063-T6	
FINISH :AAMA2605	
PURPOSE : CAP	LEGEND:
COLOR: -	POWDER COAT



DIE NO. :*	
MATERIAL : 6063-T6	
FINISH :AAMA2605	
PURPOSE : TRIM	LEGEND:
COLOR: -	POWDER COAT

No.	Date	Description
-	-	-

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Issued By:

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SYSTEM:

ELICC-WW-200 SERIES

Title:

MATERIAL LIST
Aluminum Extrusion

Sheet No.: ML-032B

Date: Jan. 15, 2025	Revision No.: -
Scale: 6"=1'-0"	Size: 22"x34"

Phase: System Drawing

ELICC WW-200 SERIES

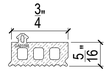
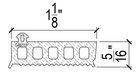
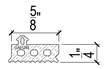
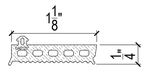
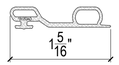
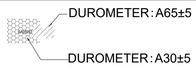
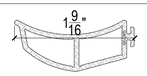
FL – #46344

PAVAN MANEPALLI, P.E.
FLORIDA REGISTRATION
PE - 71882

PAVAN MANEPALLI LICENSE No. 71882 STATE OF FLORIDA PROFESSIONAL ENGINEER

01/15/2025

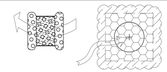
1.MATERIAL LIST OF GASKET AND THERMAL BREAK AND SETTING-BLOCK

TAG	DIAGRAM	SCALE	DIE NO.	MATERIAL/COLOR/DUROMETER
GA011**		1:1	GA011**	PA66+GF25 (BLACK) D80±5°
GA01140		1:1	GA01140	SILICONE (BLACK)A65°±5°
GA01142		1:1	GA01142	SILICONE (BLACK)A65°±5°
GA01144		1:1	GA01146	SILICONE (BLACK)A65°±5°
GA01148		1:1	GA01148	SILICONE (BLACK)A65°±5°
GA01154		1:1	GA0115*	SILICONE (BLACK)A65°±5°
GA01240		1:1	GA01240	SILICONE (BLACK)A65°±5°
GA01246		1:1	GA01246	SILICONE (BLACK)A65°±5°
GA01254		1:1	GA0125*	SILICONE (BLACK)A65°±5°
GA02106		1:1	GA02106	SILICONE (BLACK)A65°±5°
GA04102		1:1	GA04102	SILICONE (BLACK)A65°±5°
GA0516*		1:1	GA0516*	SILICONE (BLACK)A65°±5°
GA05102		1:1	GA05102	SILICONE (BLACK)A65°±5°
GA05103		1:1	GA05103	SILICONE (BLACK)A65°±5°
GA05203		1:1	GA05203	SILICONE (BLACK)
GA07149		1:1	GA07149	SILICONE (BLACK)A65°±5°
GA01		1:1	15x4mm	SILICONE (BLACK)A85°±5°
GA02		1:1	15x2mm	SILICONE (BLACK)A85°±5°
GA03		1:1	24x8mm	SILICONE (BLACK)A85°±5°
GA04		1:1	2mm THK.	SILICONE (BLACK)A65°±5°
GA05***		1:1	GA05***	SILICONE (BLACK)A65°±5°
GA05		1:1	20x8mm	SILICONE (BLACK)A85°±5°
GA06		1:1	20x10mm	SILICONE (BLACK)A85°±5°

2.SEALANT MATERIAL LIST

S01	WEATHER SEALANT BRAND: DOW TYPE: DOWSILL 791 or 790 COLOR: BLACK	
S02	STRUCTURAL SEALANT BRAND: DOW TYPE: DOWSILL 983 COLOR: BLACK	

3.MISCELLANEOUS MATERIAL LIST

M01	BI-CELLUAR BACKER ROD	
M02	DOUBLE-SIDED ADHESIVE TAPE	
M03	OPEN CELL WEEP BAFFLE	
M05	SILICONE PLUG (BED SEALED)	
M06	2mm THK. S.S 316 FLAT WASHER(FOR THE GA12108)	

No.	Date	Description
-	-	-

Revisions:

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Design Team:

SYSTEM:

ELICC-WW-200 SERIES

Title:

MATERIAL LIST

Sheet No.: ML-033

Date: Jan. 15, 2025	Revision No.: -
Scale: 1'-0"=1'-0"	Size: 22"x34"

Phase: System Drawing

ELICC WW-200 SERIES

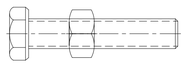
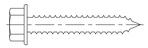
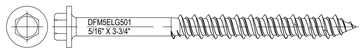
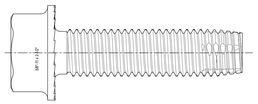
FL -#46344

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FLORIDA REGISTRATION
PE - 71882



01/15/2025

4.MATERIAL LIST OF FASTENERS

TAG	DIAGRAM	DESCRIPTION	GRADE	MATERIAL/FINISH
F1446		M10x50mm H.H. BOLT (FULL THREAD) W/ NUT	S.S. 316	STAINLESS STEEL
F2448		ST6.3x38mm HEX HEAD S.T. SCREW	S.S. 316	STAINLESS STEEL
F3008		ST4.2x16mm PAN-HEAD S.D. SCREW	S.S. 316	STAINLESS STEEL
F3009		ST4.2x19mm PAN-HEAD S.D. SCREW	S.S. 316	STAINLESS STEEL
F3012		ST4.2x32mm PAN-HEAD S.D. SCREW	S.S. 316	STAINLESS STEEL
F3208		ST4.2x16mm FLAT-HEAD S.D. SCREW	S.S. 316	STAINLESS STEEL
F3209		ST4.2x19mm FLAT-HEAD S.D. SCREW	S.S. 316	STAINLESS STEEL
F4001		M5x6 CROSS RECESSED PAN HEAD SCREW	S.S. 316	STAINLESS STEEL
F4004		M5x12 CROSS RECESSED PAN HEAD SCREW	S.S. 316	STAINLESS STEEL
F4206		M5x20mm CROSS REVESSED COUNTERSUNK HEAD SCREW	S.S. 316	STAINLESS STEEL
FA02		DEWALT 5/16" X 3-3/4" HWH ULTRACON SCREWS	-	Material:Carbon steel FINISH:Stalgard coating
FA03		5/8"-11 x 2-1/2" H.W.H TAPFLEX BOLT	ALLOY STEEL	SILVER STALGARD ® SUB COATING

No.	Date	Description
-	-	-

Revisions:

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Design Team:

SYSTEM:

ELICC-WW-200 SERIES

Title:

MATERIAL LIST

ELICC WW-200 SERIES

FL –#46344

PAVAN MANEPALLI, P.E.
FLORIDA REGISTRATION
PE - 71882

PAVAN MANEPALLI LICENSE No. 71882 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sheet No.: ML-034

Date: Jan. 15, 2025 | Revision No.: -

Scale: 1'-0"=1'-0" | Size: 22"x34"

Phase: System Drawing

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