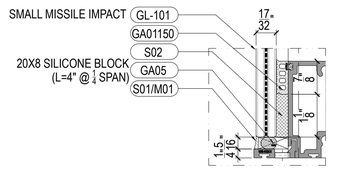
INSTALLATION INSTRUCTIONS FOR
ELICC AMERICAS CORPORATION
SGD-300 SERIES LARGE MISSILE IMPACT LEVEL D & SMALL MISSILE IMPACT (LMI-D & SMI)

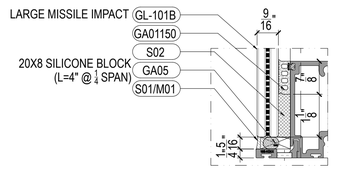
GLASS TYPE

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）	

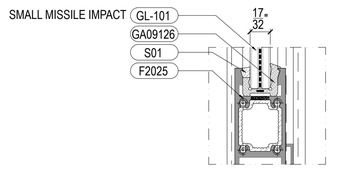
NOTE:
GLASS COMPLIES WITH EI300-16
(3 SEC. GUSTS)



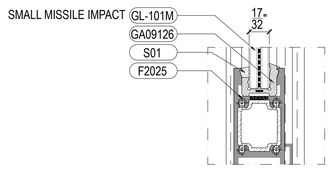
A1 TYPE "A1"
GL-101: VISION GLASS



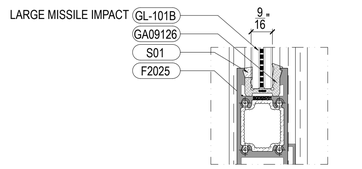
C1 TYPE "C1"
GL-101B: VISION GLASS



A2 TYPE "A2"
GL-101: VISION GLASS



B1 TYPE "B1"
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 (24 PSF (15 % OF 160 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 7-10 / 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-113 ~ PE-117 FOR APPROVED WINDOW SIZE AND DESIGN LOAD.

STEP 3: SEE SHEET AN-302~AN-303 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	DIM. -----DIMENSION	SF-----SQUARE FEET
S.M.S. ----- SHEET METAL SCREW	LG. -----LONG	SIM. -----SIMILAR
H.W.H. ----- HEX WASHER HEAD SCREW	MAX. -----MAXIMUM	SQ. -----SQUARE
H.H. ----- HEX HEAD SCREW	MIN. -----MINIMUM	S.S. -----STAINLESS STEEL
P.H. ----- PAN HEAD SCREW	MS -----MACHINE SCREW	THK. -----THICKNESS
F.H. ----- FLAT HEAD SCREW	NO. -----NUMBER	TYP. -----TYPICAL
G.M.S. ----- GALVANIZED MILD STEEL	N.T.S. -----NOT TO SCALE	U.H. -----UNIT HEIGHT
B.M.U. ----- BUILDING MAINTENANCE UNIT TIEBACK	PSF -----POUNDS PER SQUARE FEET	W/ -----WITH
S.D. ----- SELF DRILL	PVC -----POLYVINYLCHLORIDE	W.P. -----WORK POINT
HS ----- HEAT STRENGTHENED	QTY. -----QUANTITY	C.O. -----CLEAR OPENING
FT ----- TEMPERED	GR-----GRADE	F.O. -----FRAME OPENING
PPC ----- POLYESTER POWDER COATED	O.C.-----ON CENTRAL	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 SGD-300 SERIES

FL —#47352

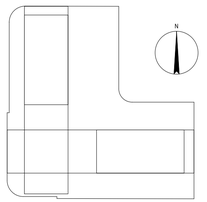
PAVAN MANEPALLI, P.E.
FLORIDA REGISTRATION
PE - 71882

PAVAN MANEPALLI LICENSE No. 71882 STATE OF FLORIDA PROFESSIONAL ENGINEER

02/20/2025

Job No.: 80028

Key Plan/Elevation:



No.	Date	Description
-	-	-

Revisions:

Owner:
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Checked By:

Design Team:

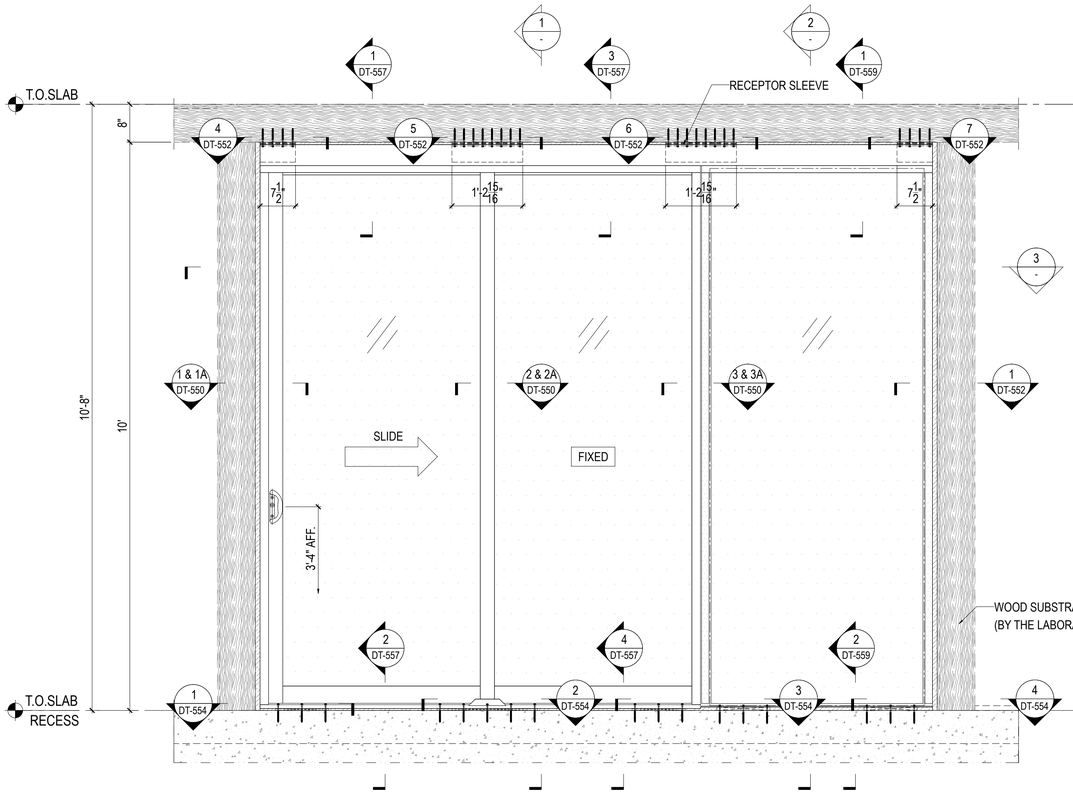
SYSTEM:
ELICC SGD-300 SERIES

Title:
COVER

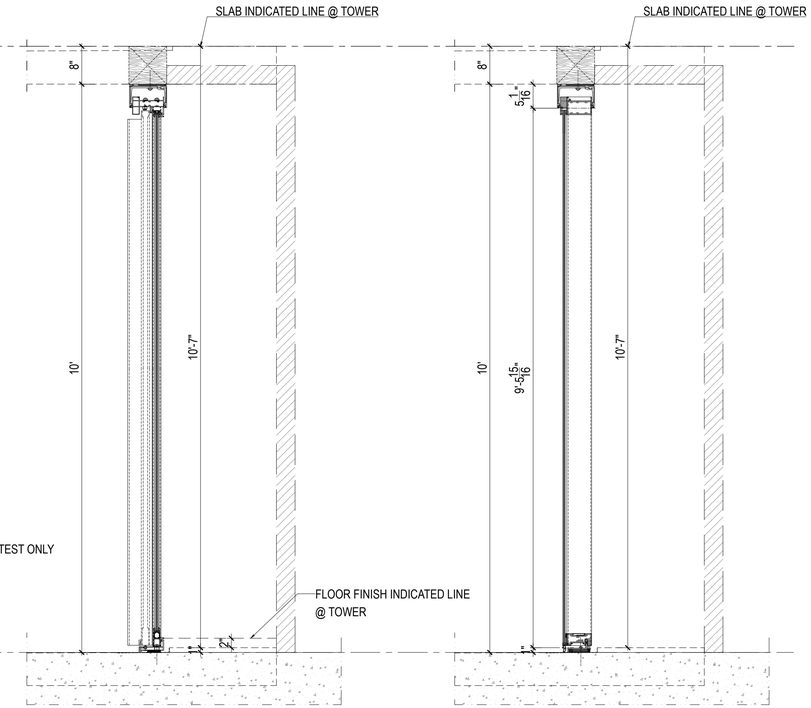
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Date: Jan. 17, 2025	Revision No.: -
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Phase: System Drawing

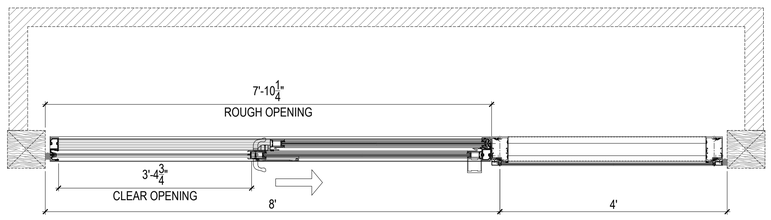


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Scale:3/4"=1'-0"



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

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



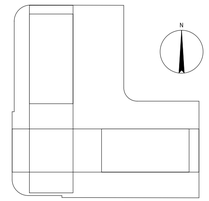
3 PLAN
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REFERENCE WALL TYPE WT-2	TESTS PER:
SPECIMEN # 13	TAS-201
LARGE MISSILE IMPACT	TAS-202
DESIGN WIND LOAD: ±110 PSF	TAS-203

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

Job No.: 80028

Key Plan/Elevation:



No.	Date	Description
-	-	-

Revisions:

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SYSTEM:
ELICC SGD-300 SERIES

ELICC SGD-300 SERIES

FL -#47352

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FLORIDA REGISTRATION
PE - 71882

PAVAN MANEPALLI LICENSE No. 71882 STATE OF FLORIDA PROFESSIONAL ENGINEER

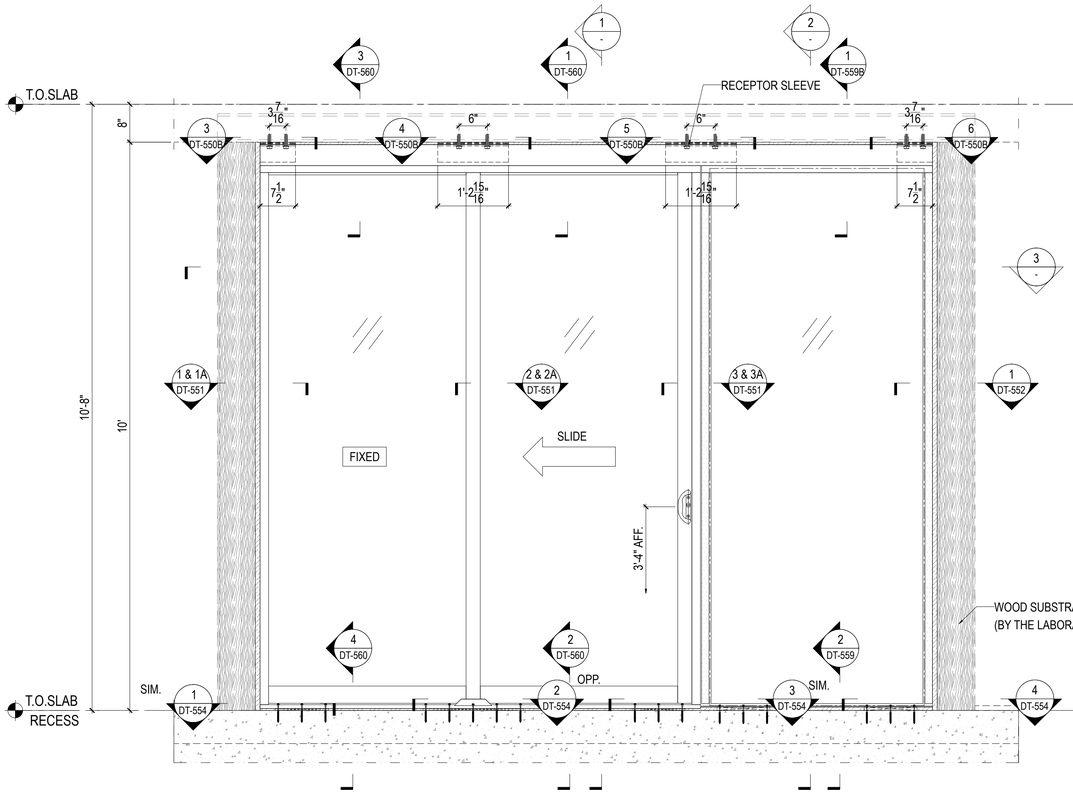
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LARGE MISSILE IMPACT
TESTING ELEVATION

Sheet No.: PE-113

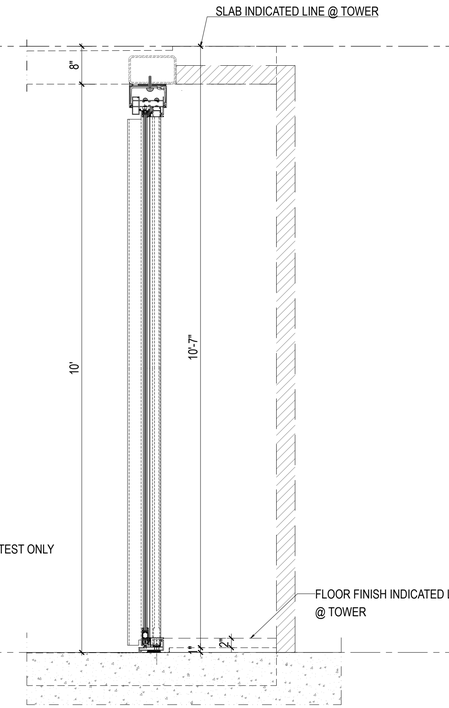
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Phase: System Drawing

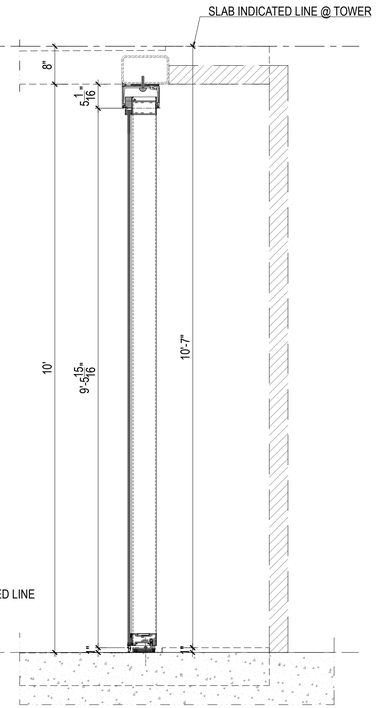
02/20/2025



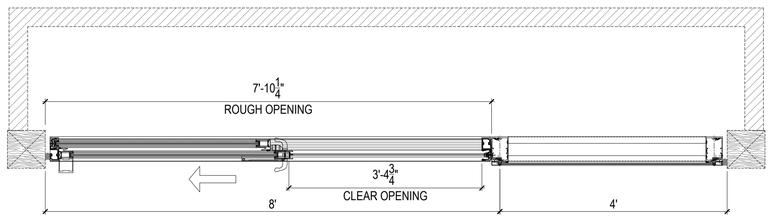
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1 SECTION
Scale:3/4"=1'-0"



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



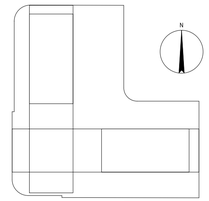
3 PLAN
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REFERENCE WALL TYPE WT-2	TESTS PER:
SPECIMEN # 14	TAS-201
SMALL MISSILE IMPACT	TAS-202
DESIGN WIND LOAD: ±110 PSF	TAS-203

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

Job No.: 80028

Key Plan/Elevation:



No.	Date	Description
-	-	-

Revisions:

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SYSTEM:
ELICC SGD-300 SERIES

ELICC SGD-300 SERIES

FL -#47352

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FLORIDA REGISTRATION
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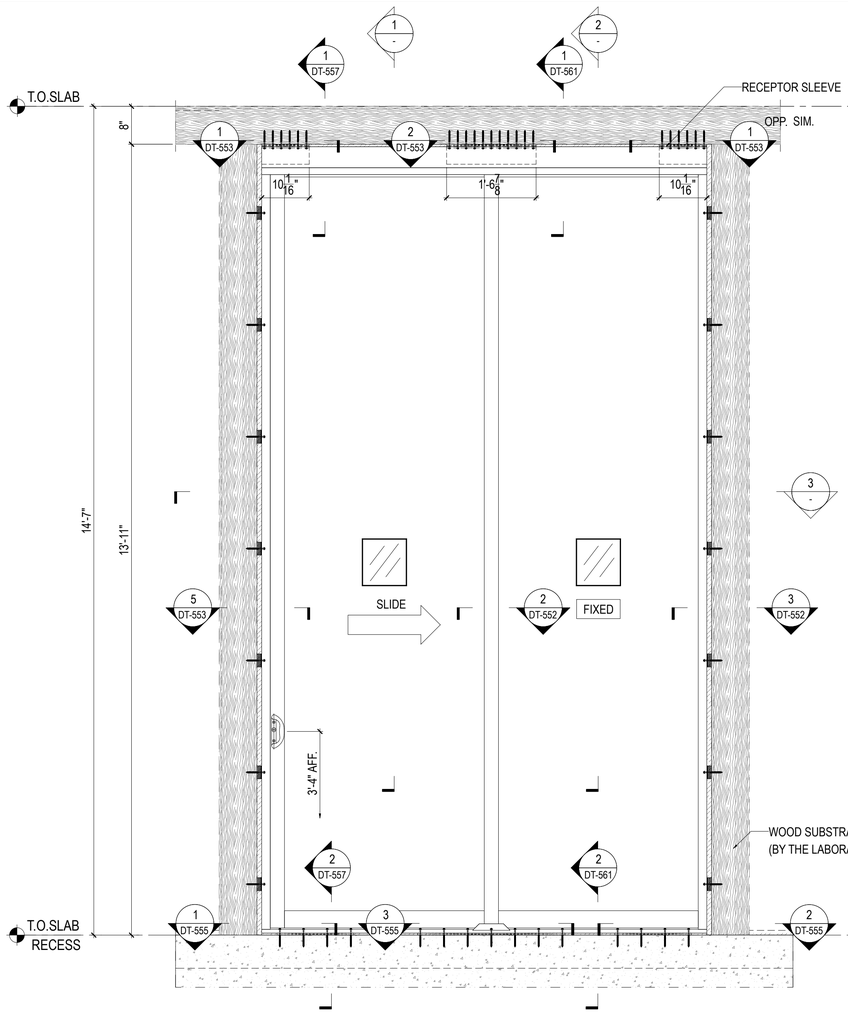
Title:
SMALL MISSILE IMPACT
TESTING ELEVATION

Sheet No.: PE-114

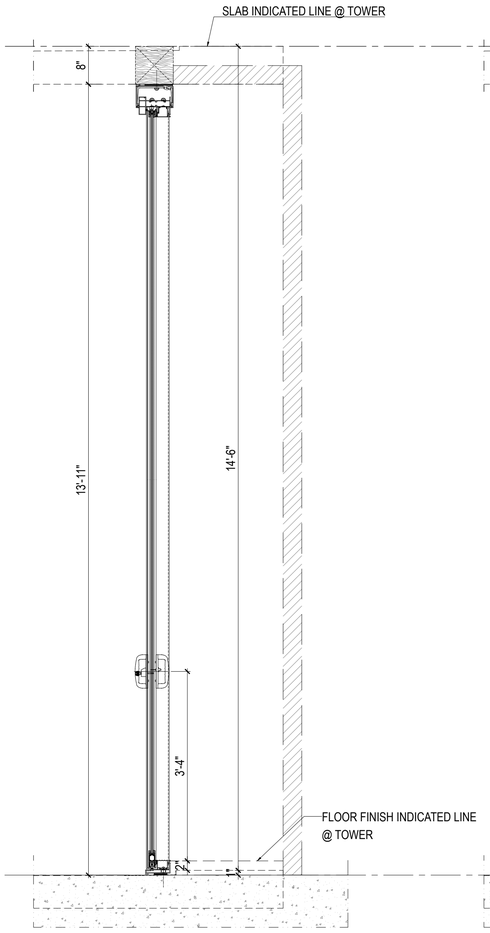
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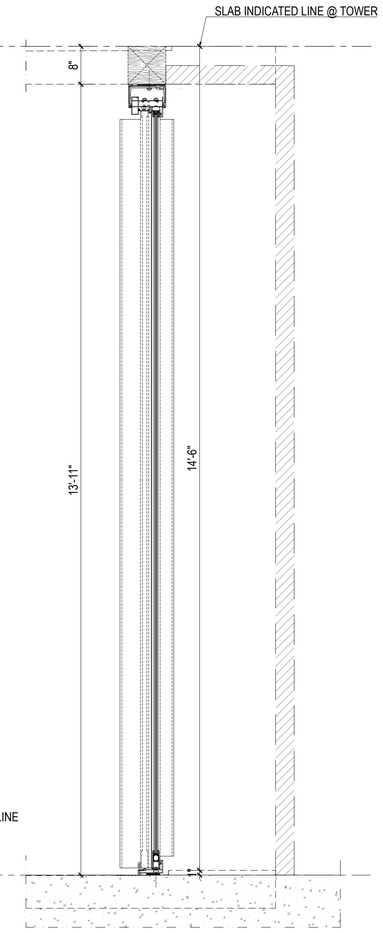
02/20/2025



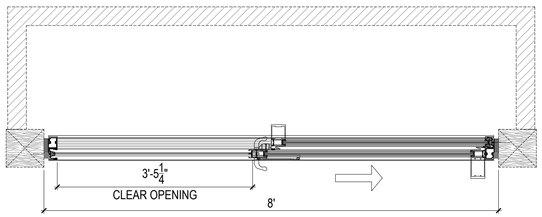
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1 SECTION
Scale:3/4"=1'-0"



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



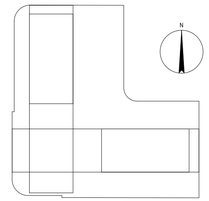
3 PLAN
Scale:3/4"=1'-0"

REFERENCE WALL TYPE WT-2	TESTS PER:
SPECIMEN # 15	TAS-201
SMALL MISSILE IMPACT	TAS-202
DESIGN WIND LOAD: ±110 PSF	TAS-203

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

Job No.: 80028

Key Plan/Elevation:



No.	Date	Description
-	-	-

Revisions:

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Checked By:

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SYSTEM:
ELICC SGD-300 SERIES

ELICC SGD-300 SERIES

FL –#47352

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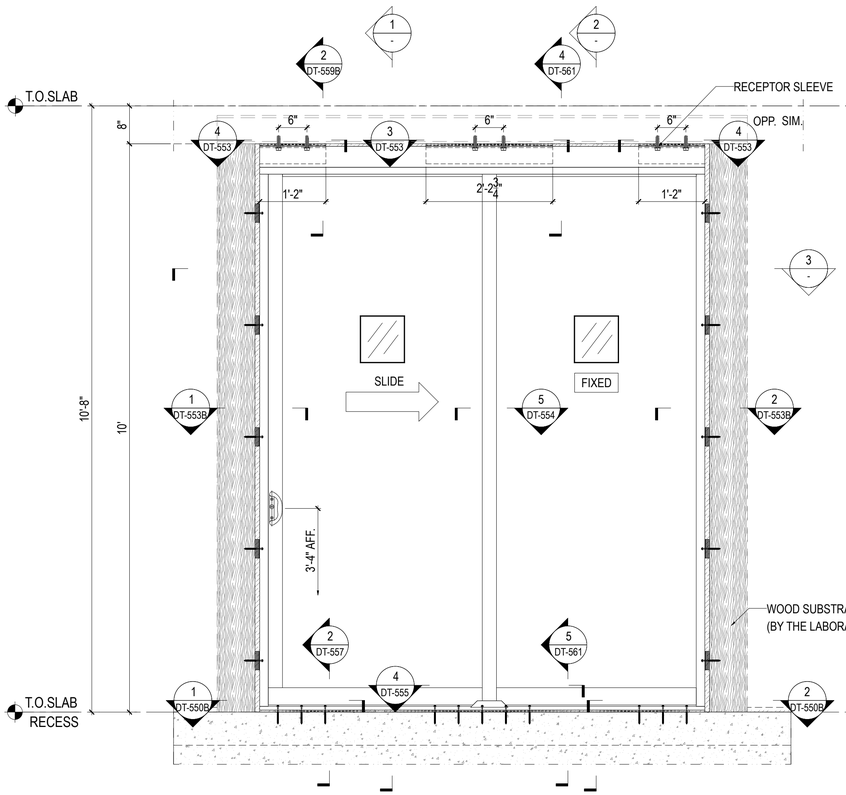
Title:
SMALL MISSILE IMPACT
TESTING ELEVATION

Sheet No.: PE-115

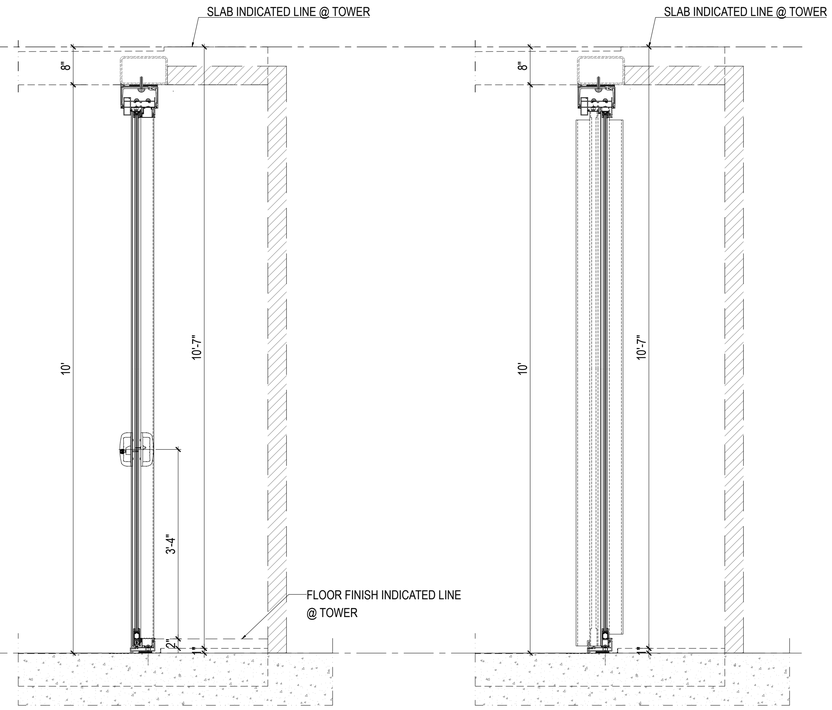
Date: Jan. 17, 2025	Revision No.: -
Scale: 3/4"=1'-0"	Size: 22"x34"

Phase: System Drawing

02/20/2025

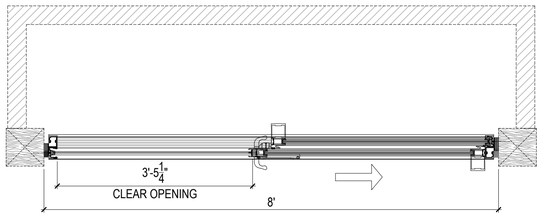


1 ELEVATION
Scale:3/4"=1'-0"



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

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



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

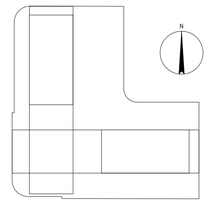
Legend:

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

REFERENCE WALL TYPE WT-2	TESTS PER:
SPECIMEN # 16	TAS-201
SMALL MISSILE IMPACT	TAS-202
DESIGN WIND LOAD: ±130 PSF	TAS-203

Job No.: 80028

Key Plan/Elevation:



No.	Date	Description
-	-	-

Revisions:

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Checked By:

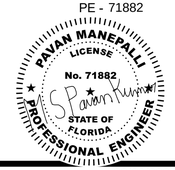
Design Team:

SYSTEM:
ELICC SGD-300 SERIES

ELICC SGD-300 SERIES

FL -#47352

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



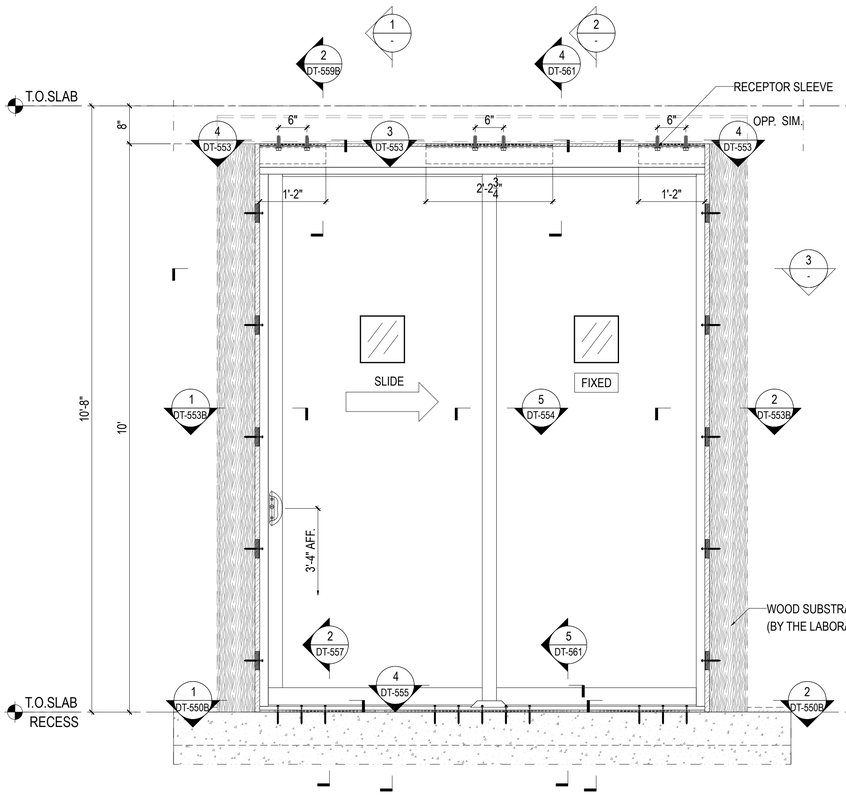
02/20/2025

Title:
SMALL MISSILE IMPACT
TESTING ELEVATION

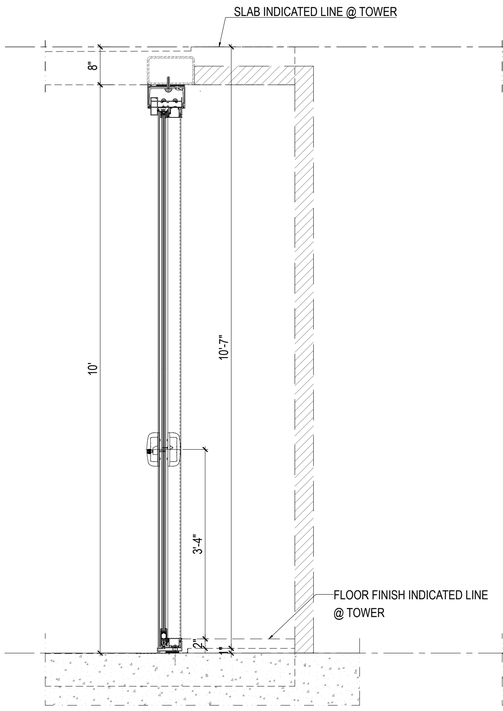
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Date: Jan. 17, 2025	Revision No.: -
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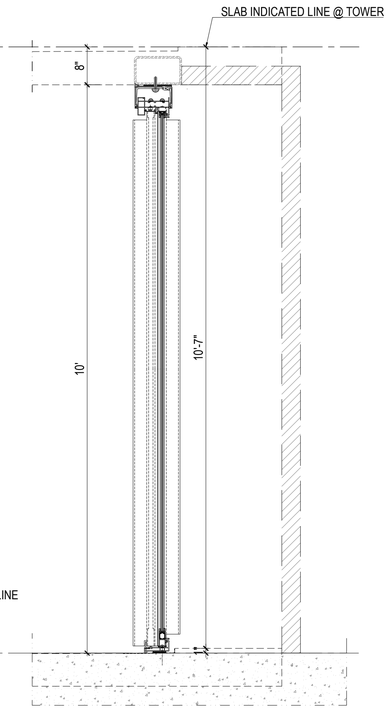
Phase: System Drawing



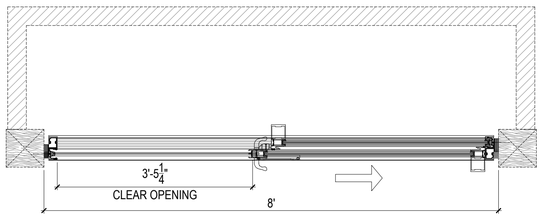
1 ELEVATION
Scale:3/4"=1'-0"



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



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



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

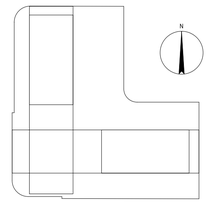
Legend:

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

REFERENCE WALL TYPE WT-2	TESTS PER:
SPECIMEN # 17	TAS-201
SMALL MISSILE IMPACT	TAS-202
DESIGN WIND LOAD: ±160 PSF	TAS-203

Job No.: 80028

Key Plan/Elevation:



No.	Date	Description
-	-	-

Revisions:

Owner:
JDS DEVELOPMENT GROUP
104 FIFTH AVENUE, 9TH FLR
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Architect:
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Approved By:

Checked By:

Design Team:

SYSTEM:
ELICC SGD-300 SERIES

ELICC SGD-300 SERIES

FL -#47352

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

PAVAN MANEPALLI LICENSE No. 71882 STATE OF FLORIDA PROFESSIONAL ENGINEER

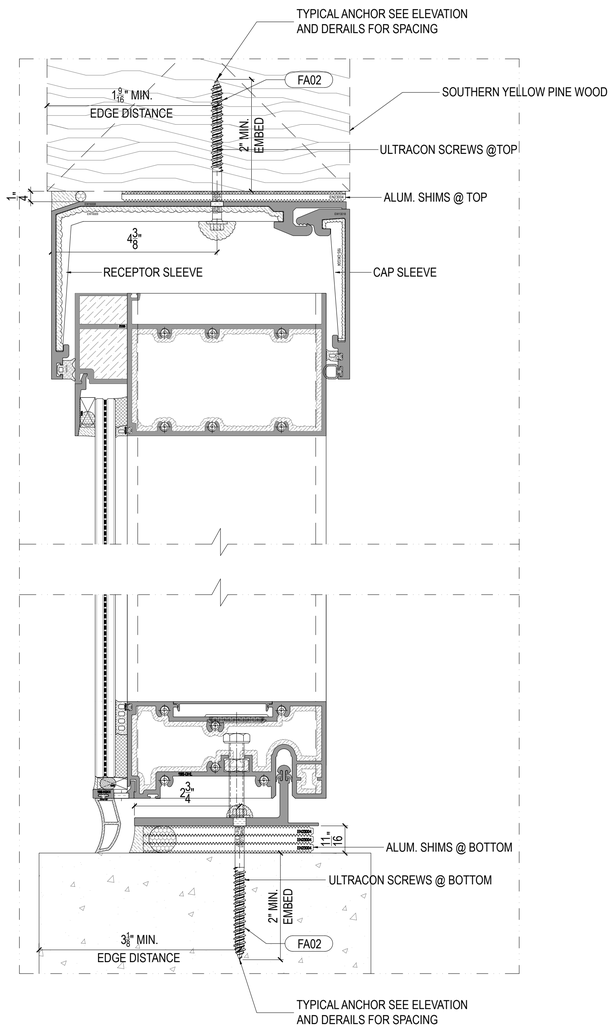
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SMALL MISSILE IMPACT
TESTING ELEVATION

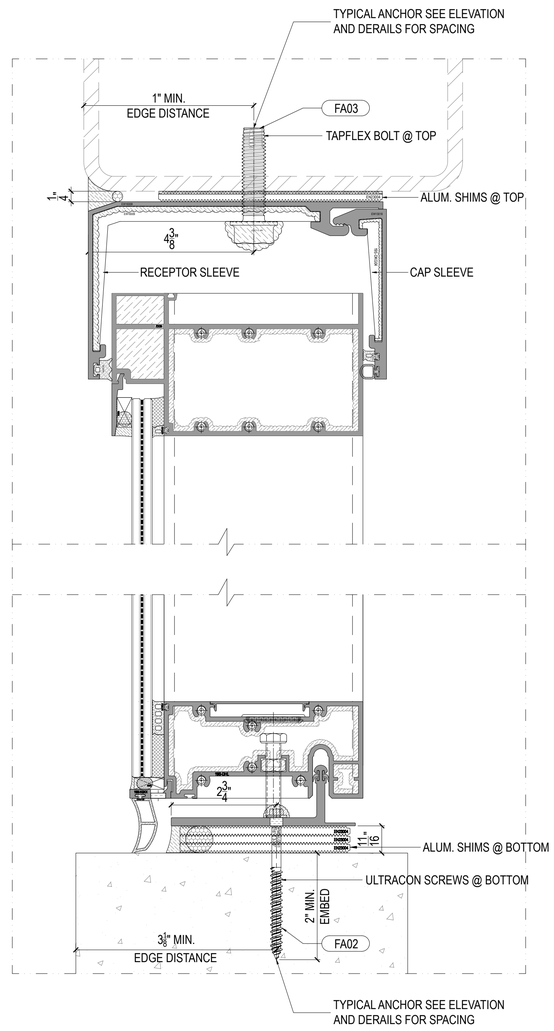
Sheet No.: PE-117

Date: Jan. 17, 2025	Revision No.: -
Scale: 3/4"=1'-0"	Size: 22"x34"

Phase: System Drawing

02/20/2025





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	TOP ANCHOR TYPES	QTY OF SCREWS @BOTTOM OF MULIION LOCATION	BOTTOM STRUCTURE	BOTTOM ANCHOR TYPES
4'-0"	10'-0"	±110	1'-2 15/16"	1'-2 15/16"	1'-2 15/16"	11 3/16"	8	SOUTHERN YELLOW PINE	FA02	3	CONCRETE	FA02
4'-0"	10'-0"	±110	1'-2 15/16"	1'-2 15/16"	1'-2 15/16"	11 3/16"	2	STEEL	FA03	3	CONCRETE	FA02

ELICC SGD-300 SERIES

FL – #47352

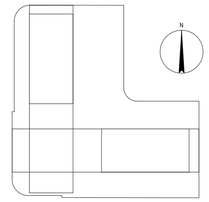
PAVAN MANEPALLI, P.E.
FLORIDA REGISTRATION
PE - 71882

PAVAN MANEPALLI LICENSE No. 71882 STATE OF FLORIDA PROFESSIONAL ENGINEER

02/20/2025

Job No.: 80028

Key Plan/Elevation:



No.	Date	Description
-	-	-

Revisions:

Owner:
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Approved By:

Checked By:

Design Team:

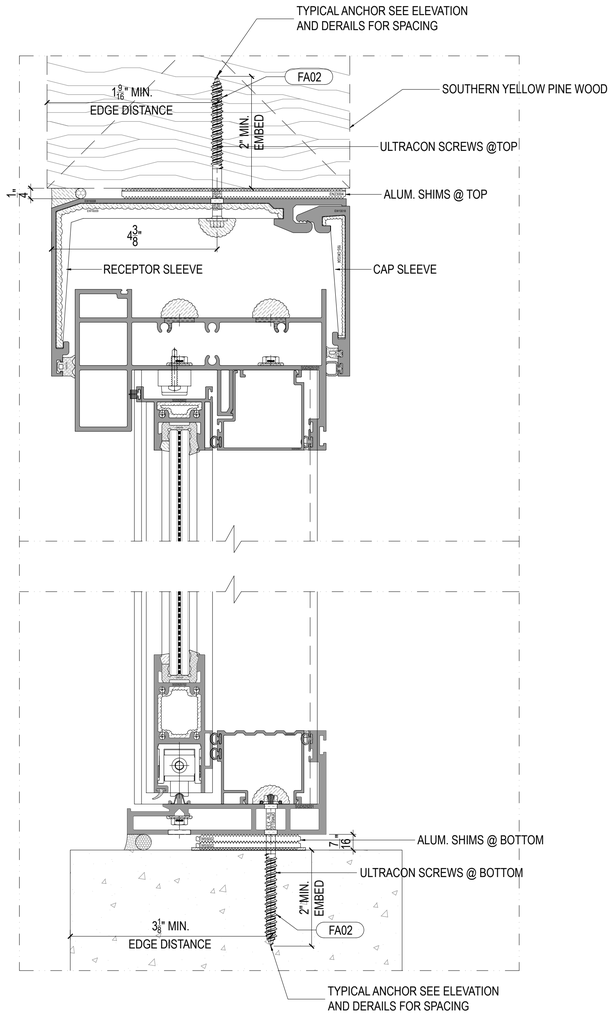
SYSTEM:
ELICC SGD-300 SERIES

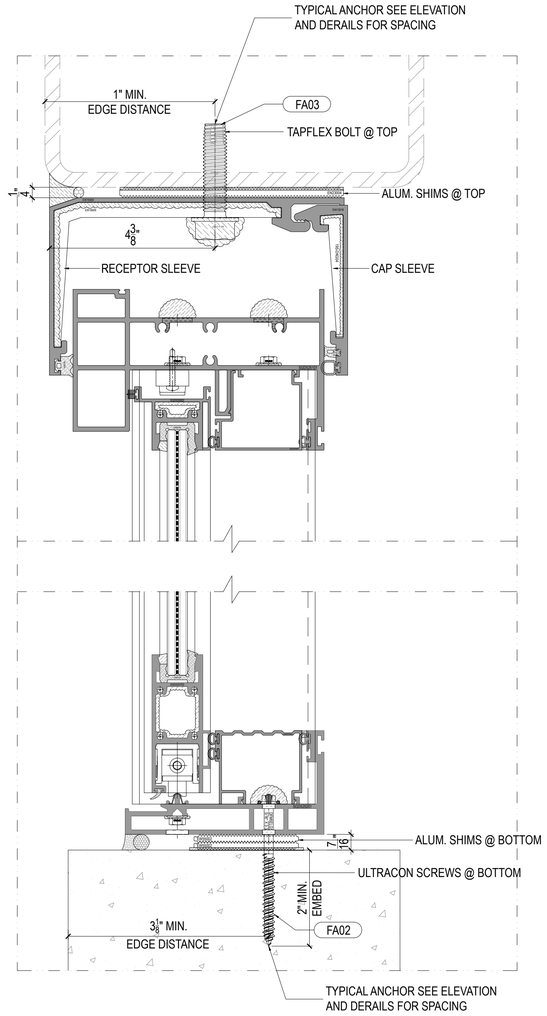
Title:
ANCHOR CAPACITY CHART

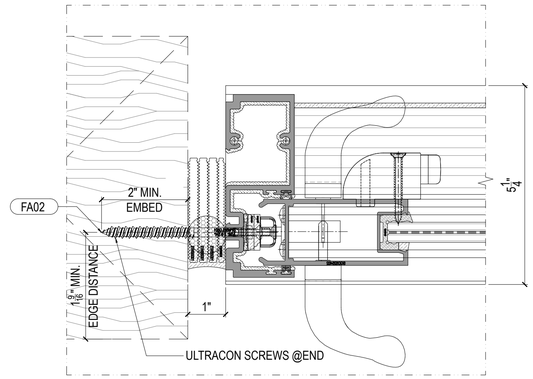
Sheet No.: AN-302

Date: Jan. 17, 2025	Revision No.: -
Scale: 6"=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	TOP ANCHOR TYPES	QTY OF SCREWS @BOTTOM OF MULIION LOCATION	BOTTOM STRUCTURE	BOTTOM ANCHOR TYPES	QTY OF "FA02" SCREWS @ END OF MULIION LOCATION (24"SPACING)
8'-0"	10'-0"	±110	1'-2 15/16"	1'-2 15/16"	1'-2 15/16"	1'-9 3/16"	8	SOUTHERN YELLOW PINE	FA02	5	CONCRETE	FA02	NOT NEED
8'-0"	13'-11"	±110	1'-6 7/8"	1'-6 7/8"	1'-6 7/8"	2'-7 3/16"	11	SOUTHERN YELLOW PINE	FA02	7	CONCRETE	FA02	7
8'-0"	10'-0"	±130	2'-2 3/4"	2'-2 3/4"	2'-2 3/4"	3'-5 3/16"	2	STEEL	FA03	5	CONCRETE	FA02	5
8'-0"	10'-0"	±160	2'-2 3/4"	2'-2 3/4"	2'-2 3/4"	3'-5 3/16"	2	STEEL	FA03	5	CONCRETE	FA02	5

ELICC SGD-300 SERIES

FL – #47352

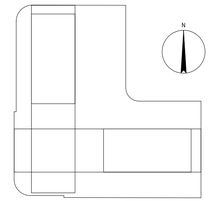
PAVAN MANEPALLI, P.E.
FLORIDA REGISTRATION
PE - 71882

LICENSE No. 71882 STATE OF FLORIDA PROFESSIONAL ENGINEER

02/20/2025

Job No.: 80028

Key Plan/Elevation:



No.	Date	Description
-	-	-

Revisions:

Owner:
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Approved By:

Checked By:

Design Team:

SYSTEM:
ELICC SGD-300 SERIES

Title:
ANCHOR CAPACITY CHART

Sheet No.: AN-303

Date: Jan. 17, 2025 | Revision No.: -

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

Phase: System Drawing

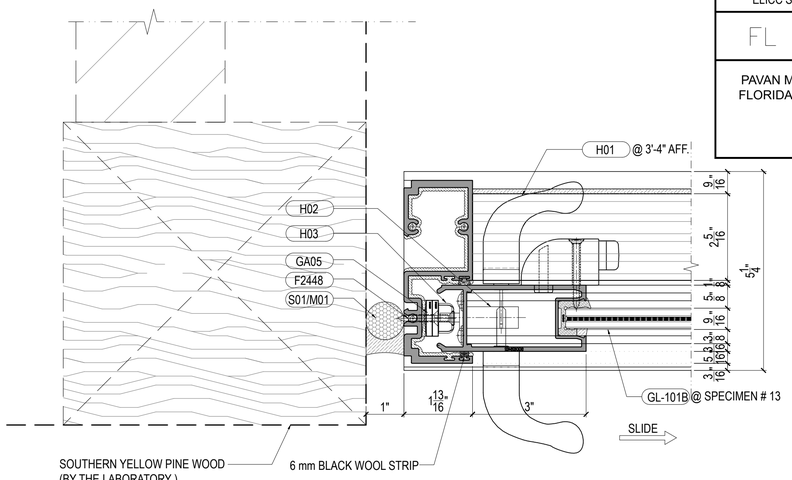
ELICC SGD-300 SERIES

FL -#47352

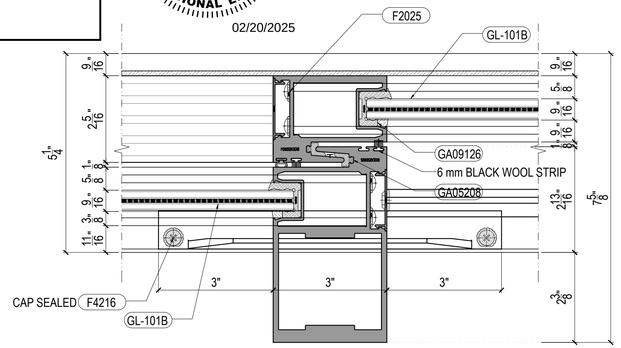
PAVAN MANEPALLI, P.E.
FLORIDA REGISTRATION
PE - 71882

PAVAN MANEPALLI LICENSE No. 71882 STATE OF FLORIDA PROFESSIONAL ENGINEER

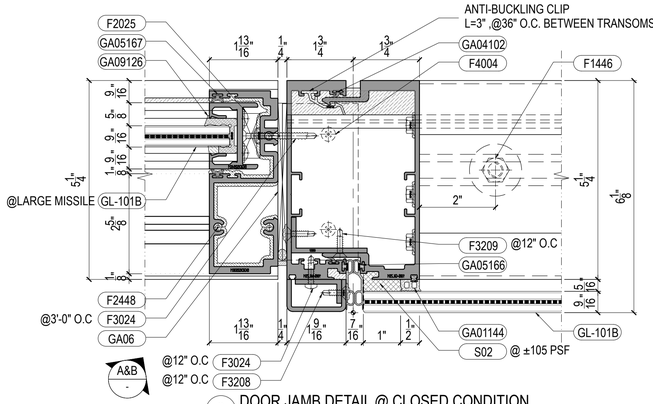
02/20/2025



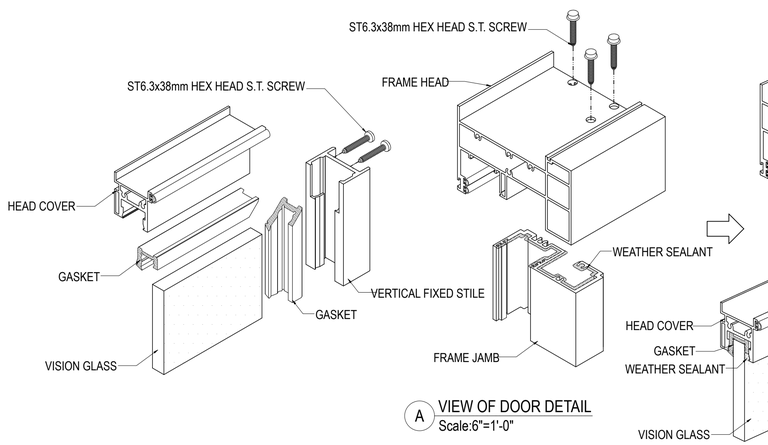
1 DOOR JAMB DETAIL @ CLOSED CONDITION
Scale:6"=1'-0" FROM:PE-113



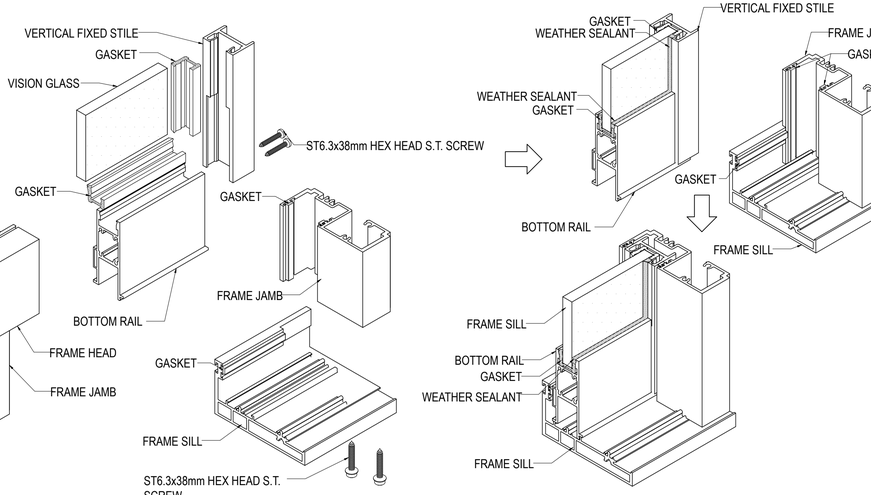
2 DOOR CENTRAL STILE DETAIL @ CLOSED CONDITION
Scale:6"=1'-0" FROM:PE-113



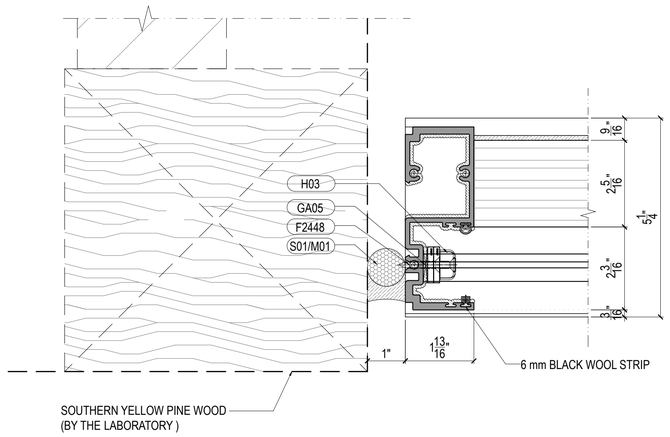
3 DOOR JAMB DETAIL @ CLOSED CONDITION
Scale:6"=1'-0" FROM:PE-113



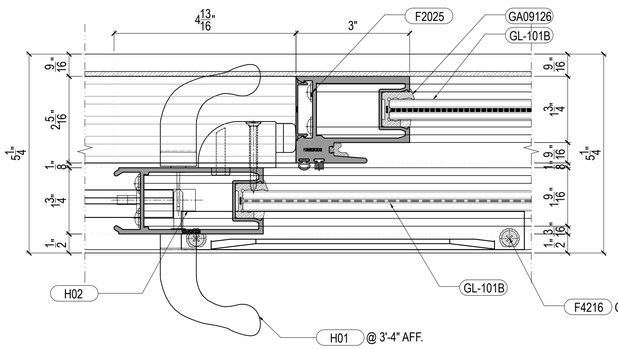
A VIEW OF DOOR DETAIL
Scale:6"=1'-0"



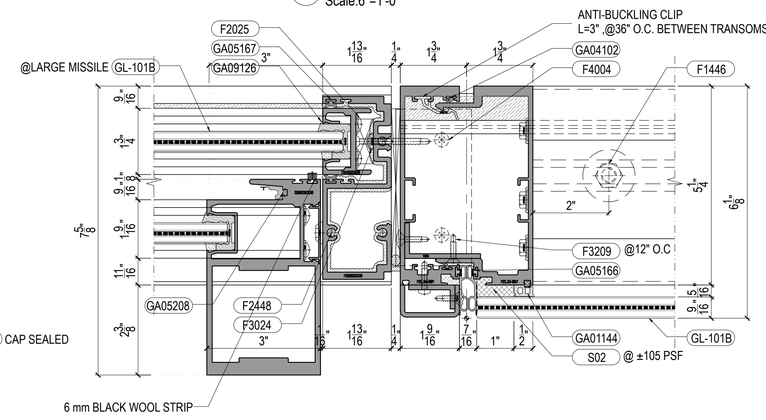
B VIEW OF DOOR DETAIL
Scale:6"=1'-0"



1A DOOR JAMB DETAIL @ OPEN CONDITION
Scale:6"=1'-0" FROM:PE-113



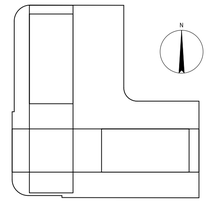
2A DOOR CENTRAL STILE DETAIL @ OPEN CONDITION
Scale:6"=1'-0" FROM:PE-113



3A DOOR JAMB DETAIL @ OPEN CONDITION
Scale:6"=1'-0" FROM:PE-113

Job No.: 80028

Key Plan/Elevation:



No.	Date	Description
-	-	-

Revisions:

Owner:
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Facade Consultant:
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Approved By:

Checked By:

Design Team:

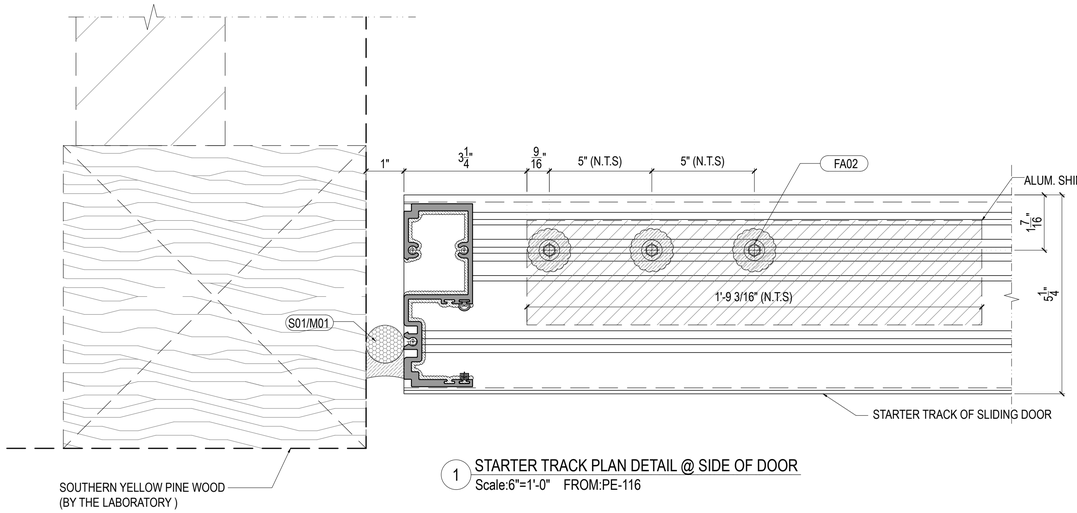
SYSTEM:
ELICC SGD-300 SERIES

Title:
HORIZONTAL SECTION DETAIL

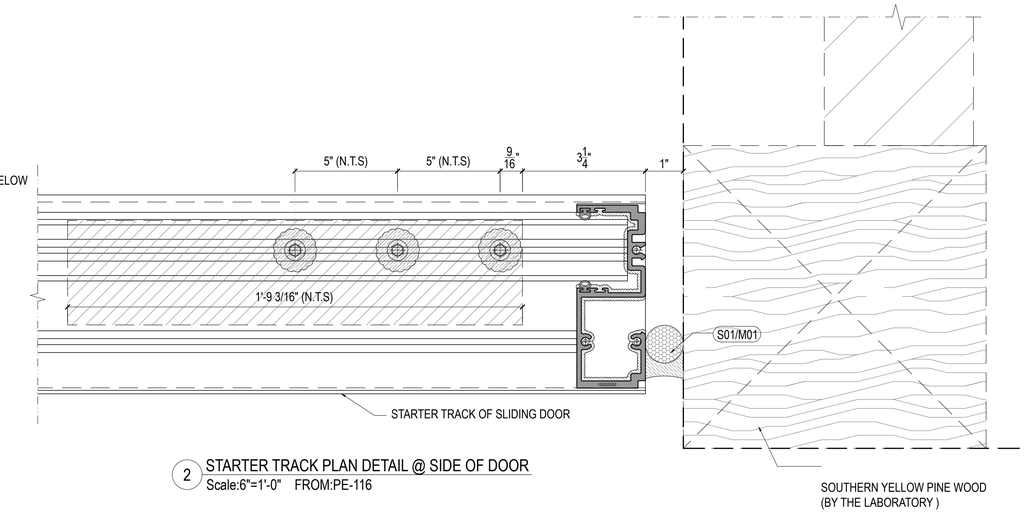
Sheet No.: DT-550

Date: Jan. 17, 2025	Revision No.: -
Scale: 6"=1'-0"	Size: 22"x34"

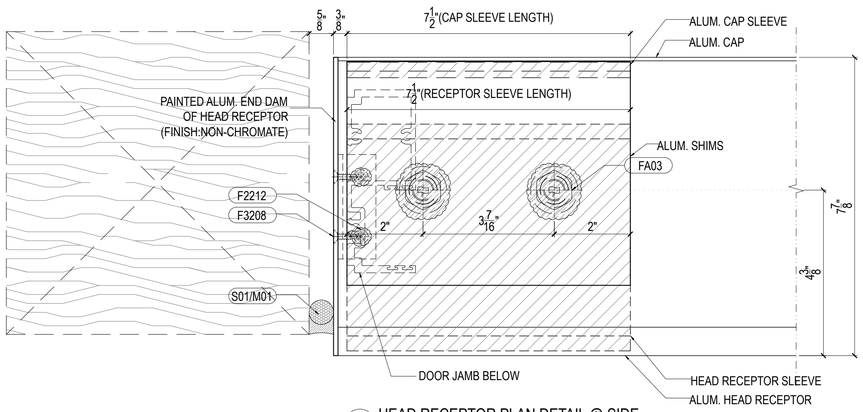
Phase: System Drawing



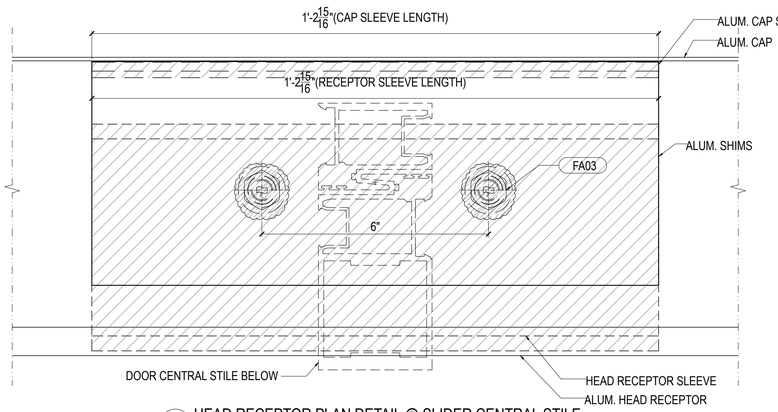
1 STARTER TRACK PLAN DETAIL @ SIDE OF DOOR
Scale:6"=1'-0" FROM:PE-116



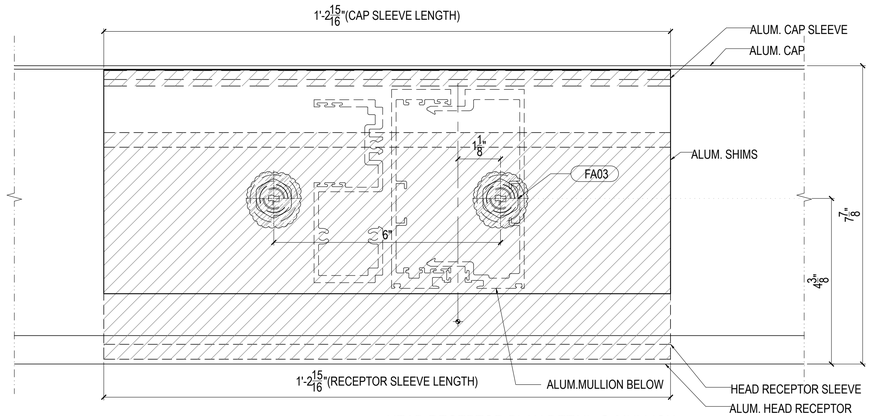
2 STARTER TRACK PLAN DETAIL @ SIDE OF DOOR
Scale:6"=1'-0" FROM:PE-116



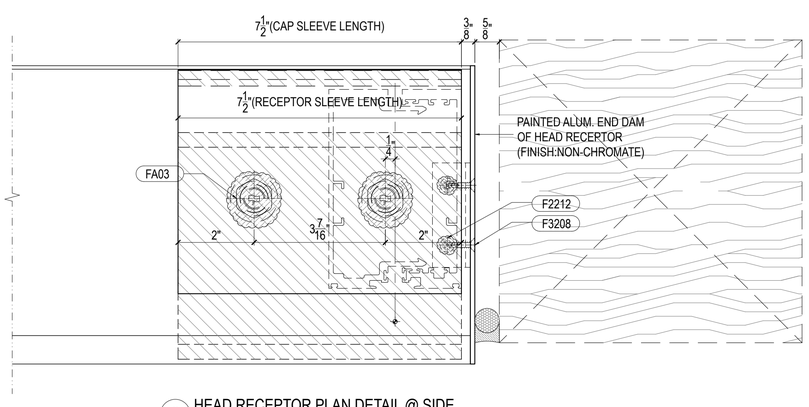
3 HEAD RECEPTOR PLAN DETAIL @ SIDE
Scale:6"=1'-0" FROM:PE-114



4 HEAD RECEPTOR PLAN DETAIL @ SLIDER CENTRAL STILE
Scale:6"=1'-0" FROM:PE-114



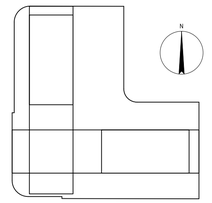
5 HEAD RECEPTOR PLAN DETAIL @ MULLION
Scale:6"=1'-0" FROM:PE-114



6 HEAD RECEPTOR PLAN DETAIL @ SIDE
Scale:6"=1'-0" FROM:PE-114

Job No.: 80028

Key Plan/Elevation:



No.	Date	Description
-	-	-

Revisions:

Owner:
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Approved By:

Checked By:

Design Team:

SYSTEM:
ELICC SGD-300 SERIES

Title:
HORIZONTAL SECTION DETAIL

ELICC SGD-300 SERIES

FL –#47352

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

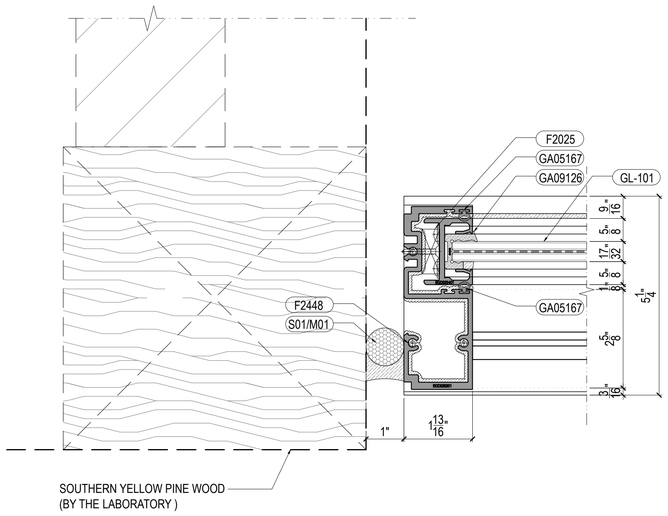
PAVAN MANEPALLI LICENSE No. 71882 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sheet No.: DT-550B

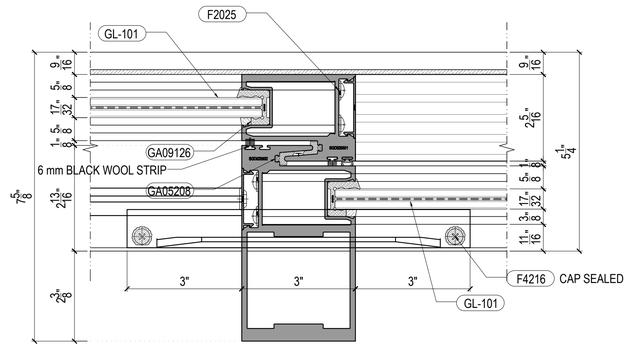
Date: Jan. 17, 2025	Revision No.: -
Scale: 6"=1'-0"	Size: 22"x34"

Phase: System Drawing

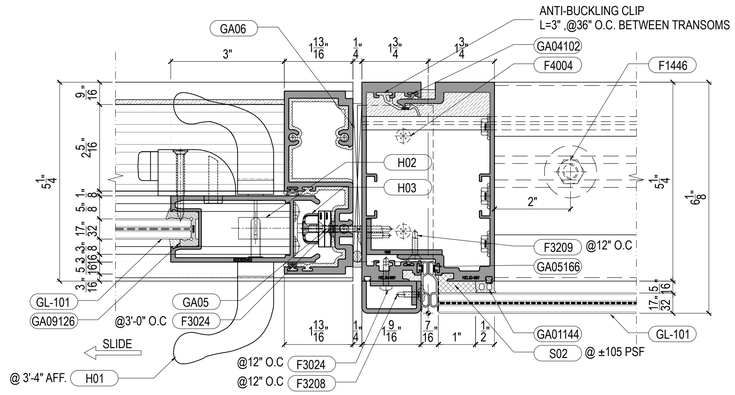
02/20/2025



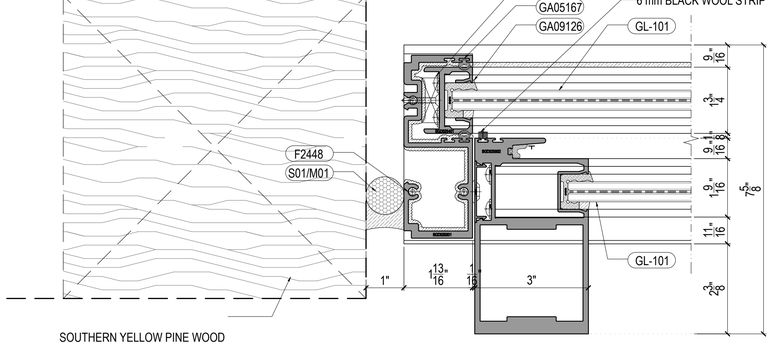
1 DOOR JAMB DETAIL @ CLOSED CONDITION
Scale:6"=1'-0" FROM:PE-114



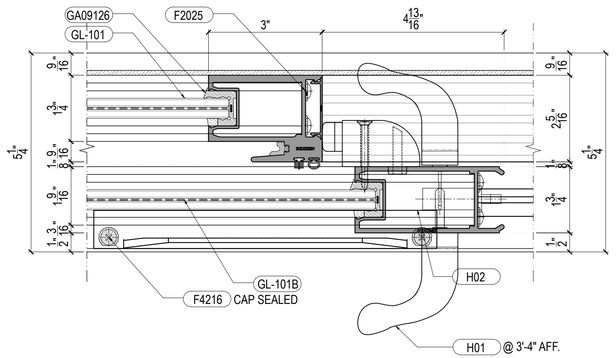
2 DOOR CENTRAL STILE DETAIL @ CLOSED CONDITION
Scale:6"=1'-0" FROM:PE-114



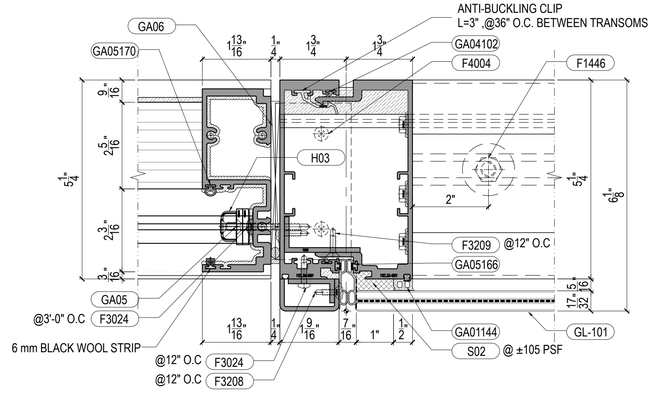
3 DOOR JAMB DETAIL @ CLOSED CONDITION
Scale:6"=1'-0" FROM:PE-114



1A DOOR JAMB DETAIL @ OPEN CONDITION
Scale:6"=1'-0" FROM:PE-114



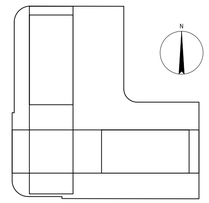
2A DOOR CENTRAL STILE DETAIL @ OPEN CONDITION
Scale:6"=1'-0" FROM:PE-114



3A DOOR JAMB DETAIL @ OPEN CONDITION
Scale:6"=1'-0" FROM:PE-114

Job No.: 80028

Key Plan/Elevation:



No.	Date	Description
-	-	-

Revisions:

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Approved By:

Checked By:

Design Team:

SYSTEM:
ELICC SGD-300 SERIES

Title:
HORIZONTAL SECTION DETAIL

ELICC SGD-300 SERIES

FL -#47352

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

PAVAN MANEPALLI LICENSE No. 71882 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sheet No.: DT-551

Date: Jan. 17, 2025	Revision No.: -
Scale: 6"=1'-0"	Size: 22"x34"

Phase: System Drawing

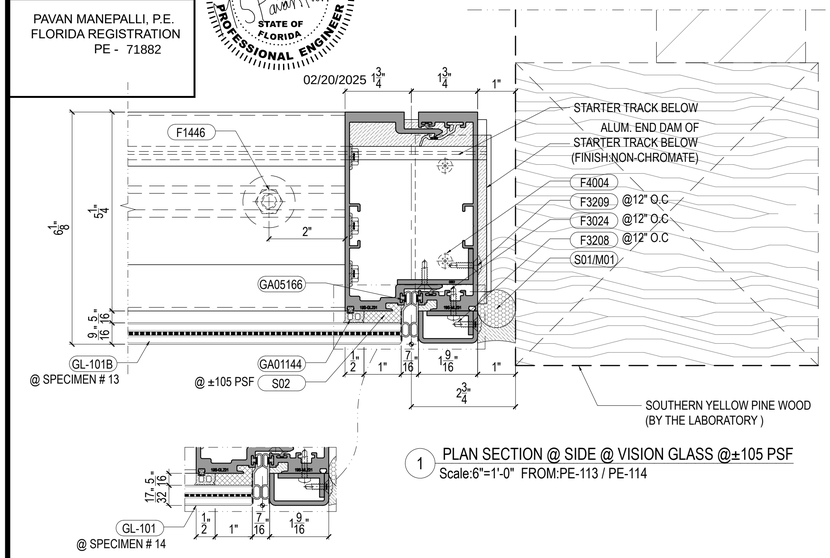
02/20/2025

ELICC SGD-300 SERIES

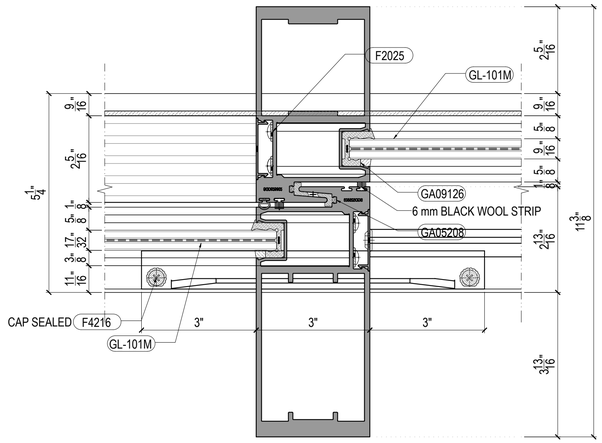
FL – #47352

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

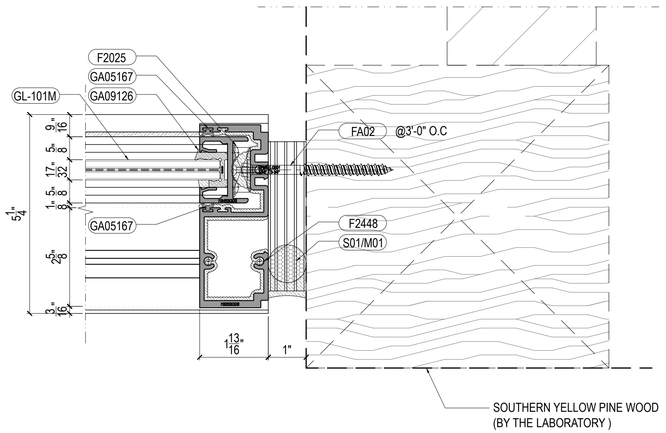
PAVAN MANEPALLI LICENSE No. 71882 STATE OF FLORIDA PROFESSIONAL ENGINEER



1 PLAN SECTION @ SIDE @ VISION GLASS @±105 PSF
Scale:6"=1'-0" FROM:PE-113 / PE-114



2 DOOR CENTRAL STILE DETAIL @ CLOSED CONDITION @ WL>110 PSF
Scale:6"=1'-0" FROM: PE-115



3 DOOR JAMB DETAIL @ CLOSED CONDITION
Scale:6"=1'-0" FROM: PE-115 / PE-117

4 HEAD RECEPTOR PLAN DETAIL @ SIDE
Scale:6"=1'-0" FROM:PE-113

5 HEAD RECEPTOR PLAN DETAIL @ SLIDER CENTRAL STILE
Scale:6"=1'-0" FROM:PE-113

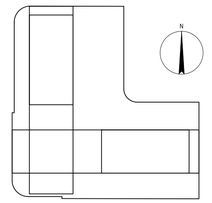
6 HEAD RECEPTOR PLAN DETAIL @ MULLION
Scale:6"=1'-0" FROM:PE-113

7 HEAD RECEPTOR PLAN DETAIL @ SIDE
Scale:6"=1'-0" FROM:PE-113

8 END OF UNIT PANEL W/ STEEL BAR INSIDE DOOR JAMB
Scale:6"=1'-0" FROM:DT-550B

Job No.: 80028

Key Plan/Elevation:



No.	Date	Description
-	-	-

Revisions:

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JDS DEVELOPMENT GROUP
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Design Team:

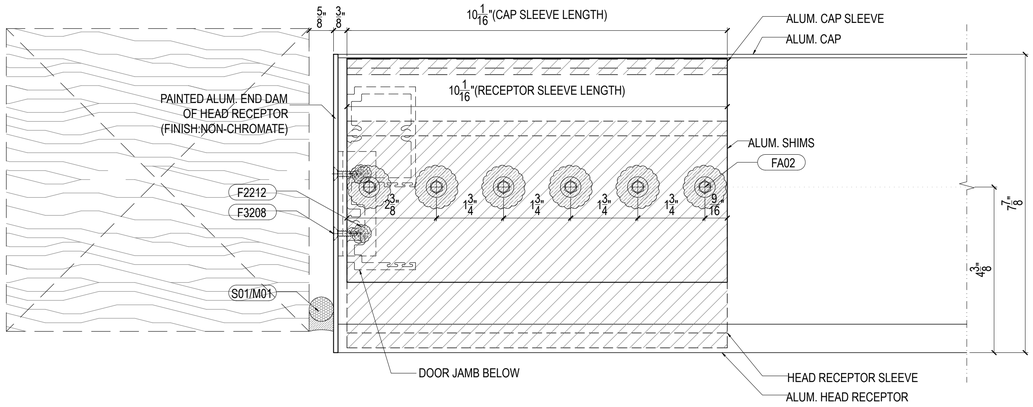
SYSTEM:
ELICC SGD-300 SERIES

Title:
HORIZONTAL SECTION DETAIL

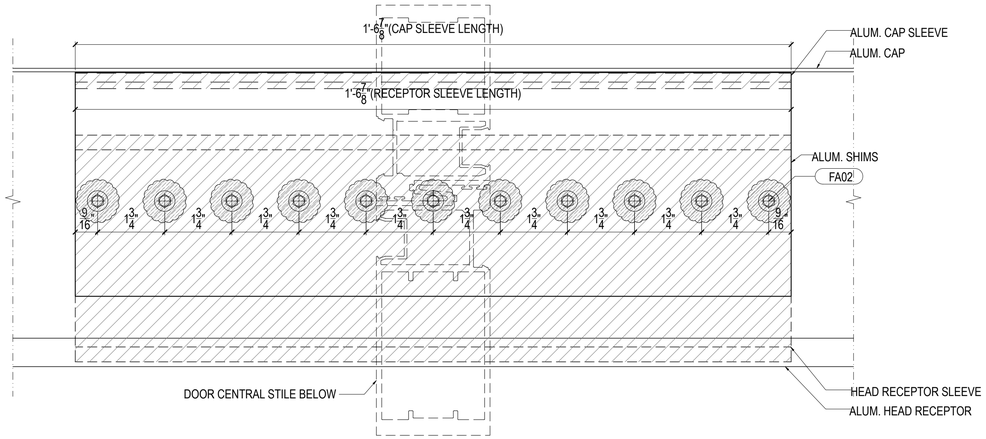
Sheet No.: DT-552

Date: Jan. 17, 2025	Revision No.: -
Scale: 6"=1'-0"	Size: 22"x34"

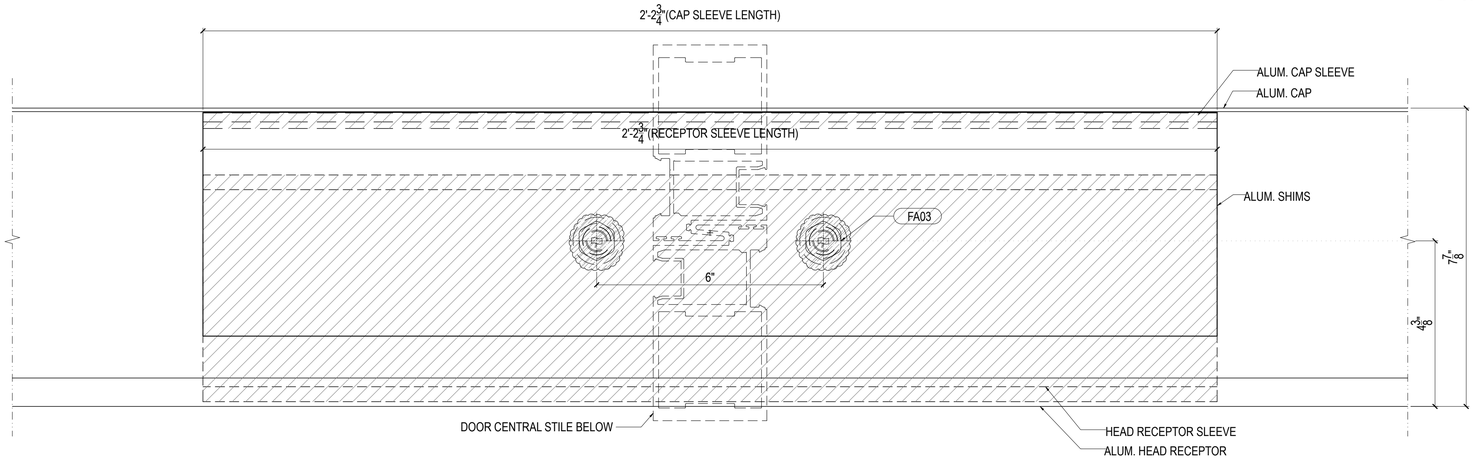
Phase: System Drawing



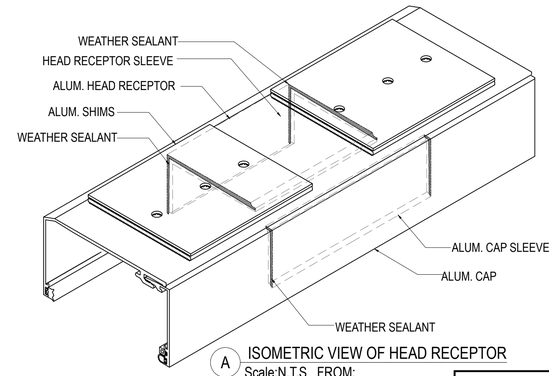
1 HEAD RECEPTOR PLAN DETAIL @ SIDE
Scale:6"=1'-0" FROM:PE-115



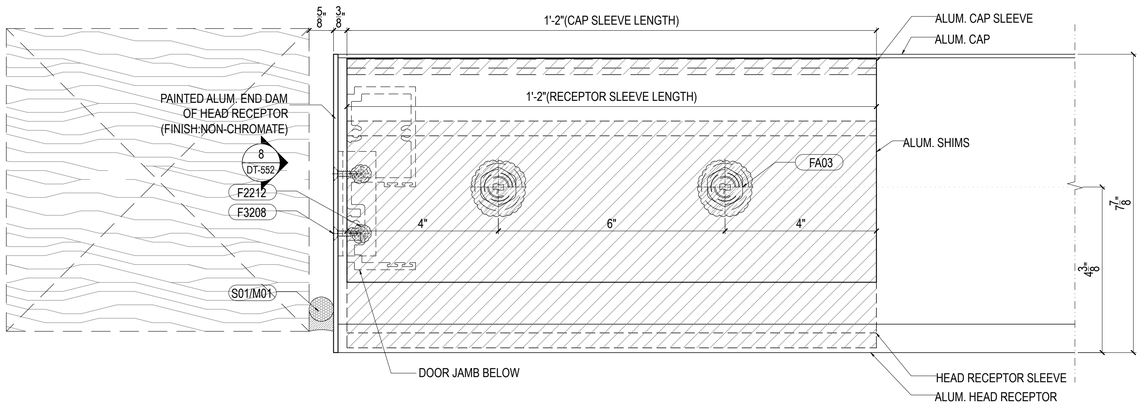
2 HEAD RECEPTOR PLAN DETAIL @ SLIDER CENTRAL STILE
Scale:6"=1'-0" FROM:PE-115



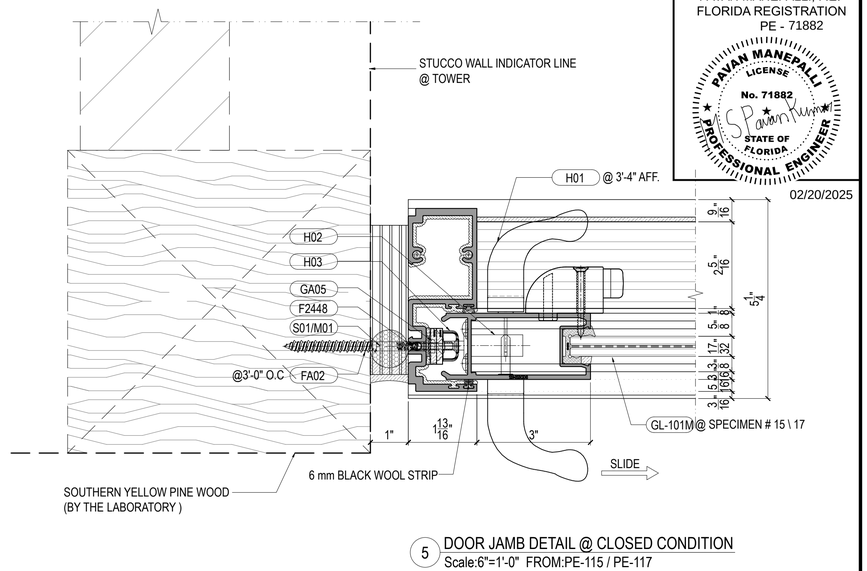
3 HEAD RECEPTOR PLAN DETAIL @ SLIDER CENTRAL STILE
Scale:6"=1'-0" FROM:PE-116



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



4 HEAD RECEPTOR PLAN DETAIL @ SIDE
Scale:6"=1'-0" FROM:PE-116



5 DOOR JAMB DETAIL @ CLOSED CONDITION
Scale:6"=1'-0" FROM:PE-115 / PE-117

ELICC SGD-300 SERIES

FL –#47352

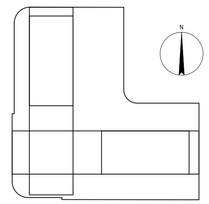
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FLORIDA REGISTRATION
PE - 71882

PAVAN MANEPALLI LICENSE No. 71882 STATE OF FLORIDA PROFESSIONAL ENGINEER

02/20/2025

Job No.: 80028

Key Plan/Elevation:



No.	Date	Description
-	-	-

Revisions:

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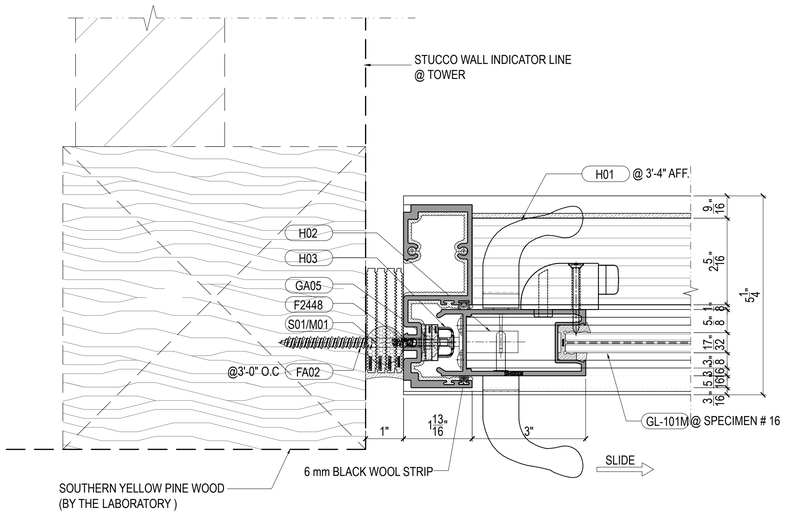
SYSTEM:
ELICC SGD-300 SERIES

Title:
HORIZONTAL SECTION DETAIL

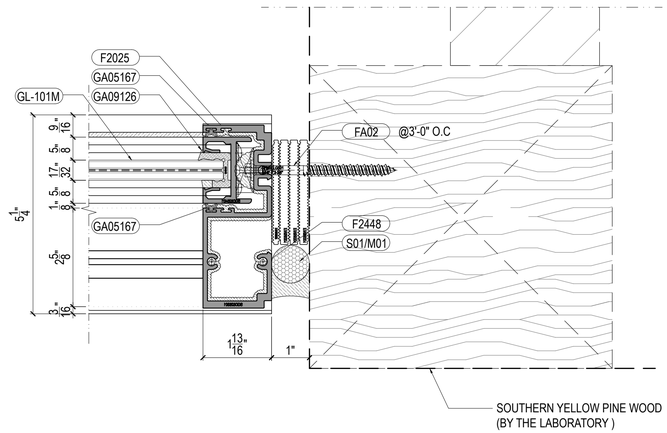
Sheet No.: DT-553

Date: Jan. 17, 2025	Revision No.: -
Scale: 6"=1'-0"	Size: 22"x34"

Phase: System Drawing



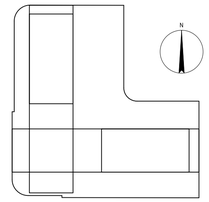
1 DOOR JAMB DETAIL @ CLOSED CONDITION
Scale:6"=1'-0" FROM:PE-116



2 DOOR JAMB DETAIL @ CLOSED CONDITION
Scale:6"=1'-0" FROM: PE-116

Job No.: 80028

Key Plan/Elevation:



No.	Date	Description
-	-	-

Revisions:

Owner:
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SYSTEM:
ELICC SGD-300 SERIES

ELICC SGD-300 SERIES

FL -#47352

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

PAVAN MANEPALLI LICENSE No. 71882 STATE OF FLORIDA PROFESSIONAL ENGINEER

Title:
HORIZONTAL SECTION DETAIL

Sheet No.: DT-553B

Date: Jan. 17, 2025	Revision No.: -
Scale: 6"=1'-0"	Size: 22"x34"

Phase: System Drawing

02/20/2025

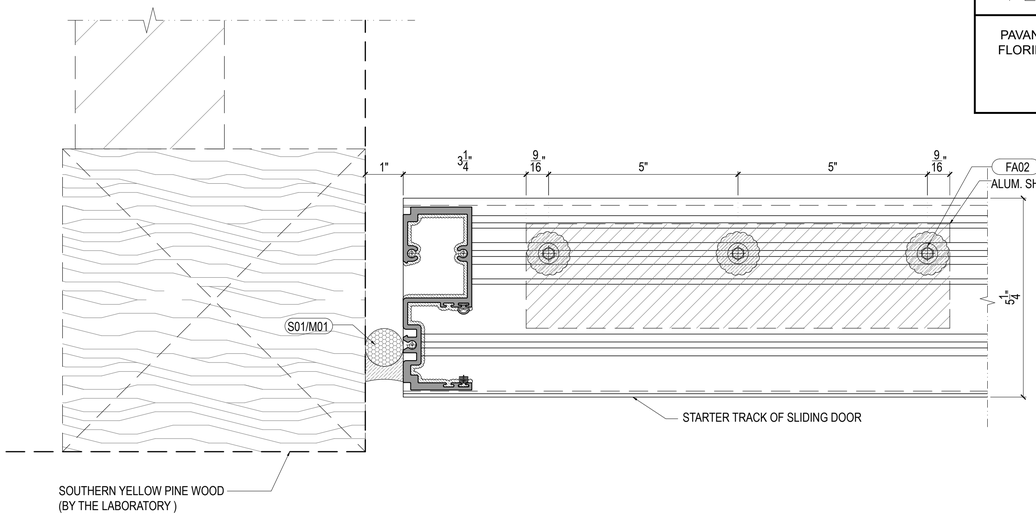
ELICC SGD-300 SERIES

FL – #47352

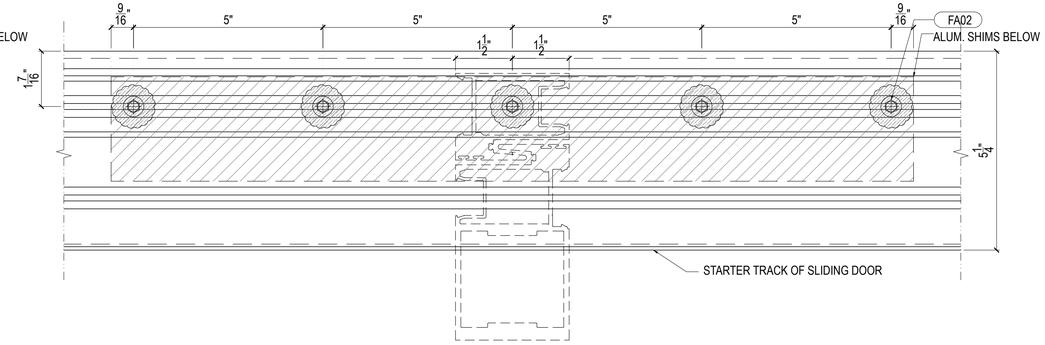
PAVAN MANEPALLI, P.E.
FLORIDA REGISTRATION
PE - 71882

PAVAN MANEPALLI LICENSE No. 71882 STATE OF FLORIDA PROFESSIONAL ENGINEER

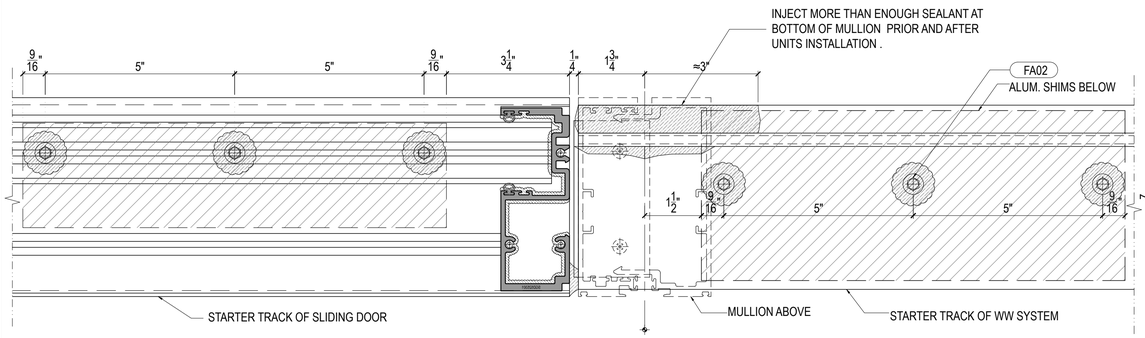
02/20/2025



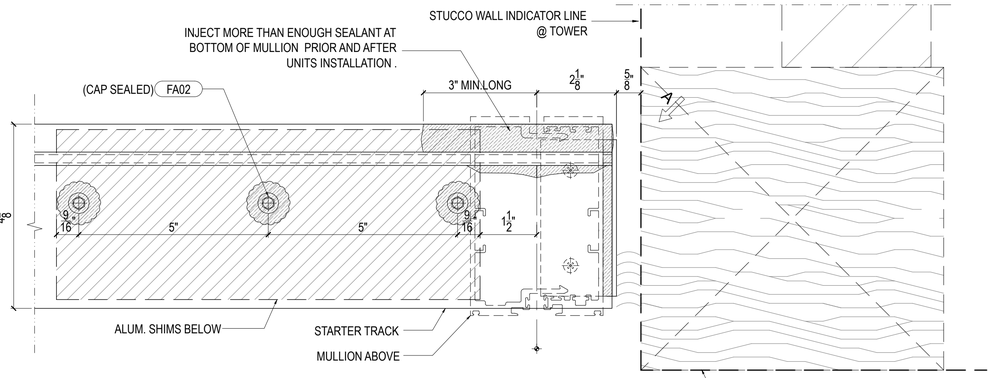
1 STARTER TRACK PLAN DETAIL @ SIDE OF DOOR
Scale:6"=1'-0" FROM:PE-113 / PE-114



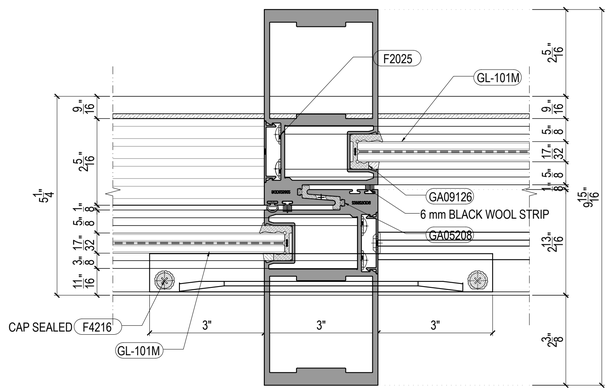
2 STARTER TRACK PLAN DETAIL @ CENTER OF DOOR
Scale:6"=1'-0" FROM:PE-113 / PE-114



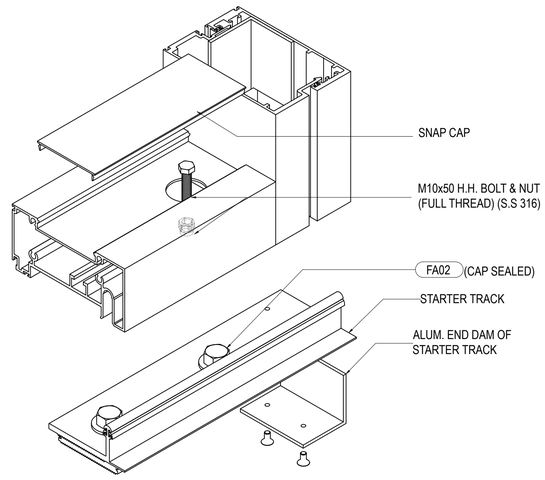
3 STARTER TRACK PLAN DETAIL @ DOOR / WW SYSTEM
Scale:6"=1'-0" FROM:PE-113 / PE-114

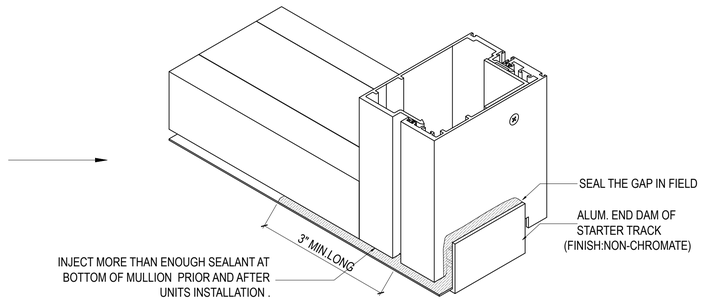


4 STARTER TRACK PLAN DETAIL @ SIDE OF WW SYSTEM
Scale:6"=1'-0" FROM:PE-113 / PE-114



5 DOOR CENTRAL STILE DETAIL @ CLOSED CONDITION
Scale:6"=1'-0" FROM:PE-116 / PE-117

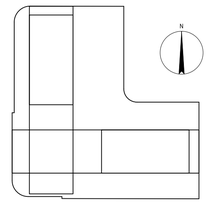




A VIEW OF STARTER TRACK
Scale:6"=1'-0" FROM: DT-554

Job No.: 80028

Key Plan/Elevation:



No.	Date	Description
-	-	-

Revisions:

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Design Team:

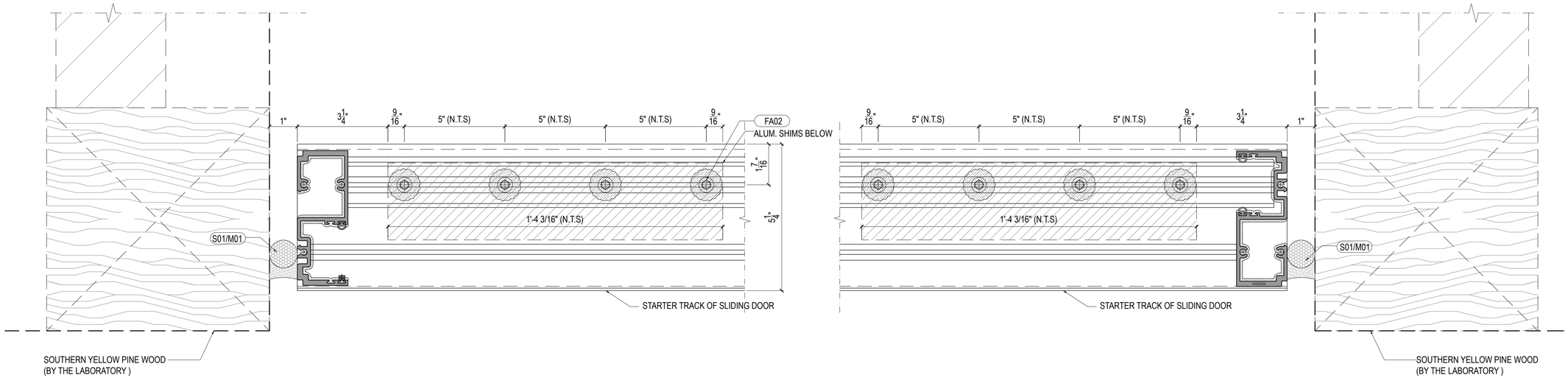
SYSTEM:
ELICC SGD-300 SERIES

Title:
STARTER TRACK PLAN DETAIL

Sheet No.: DT-554

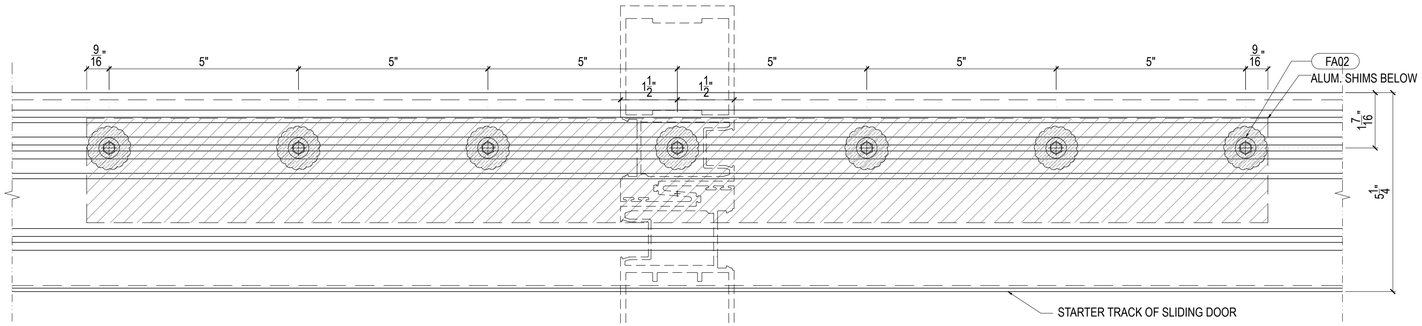
Date: Jan. 17, 2025	Revision No.: -
Scale: 6"=1'-0"	Size: 22"x34"

Phase: System Drawing

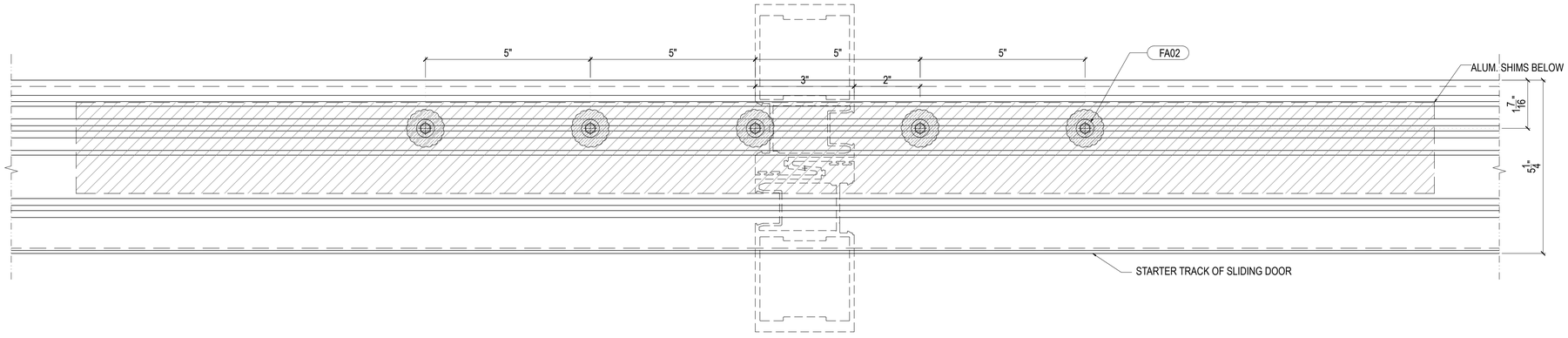


1 STARTER TRACK PLAN DETAIL @ SIDE OF DOOR
Scale:6"=1'-0" FROM:PE-115

2 STARTER TRACK PLAN DETAIL @ SIDE OF DOOR
Scale:6"=1'-0" FROM:PE-115



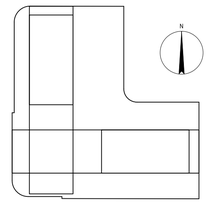
3 STARTER TRACK PLAN DETAIL @ CENTER OF DOOR
Scale:6"=1'-0" FROM:PE-115



4 STARTER TRACK PLAN DETAIL @ CENTER OF DOOR
Scale:6"=1'-0" FROM:PE-116

Job No.: 80028

Key Plan/Elevation:



No.	Date	Description
-	-	-

Revisions:

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Design Team:

SYSTEM:
ELICC SGD-300 SERIES

Title:
STARTER TRACK PLAN DETAIL

ELICC SGD-300 SERIES

FL -#47352

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

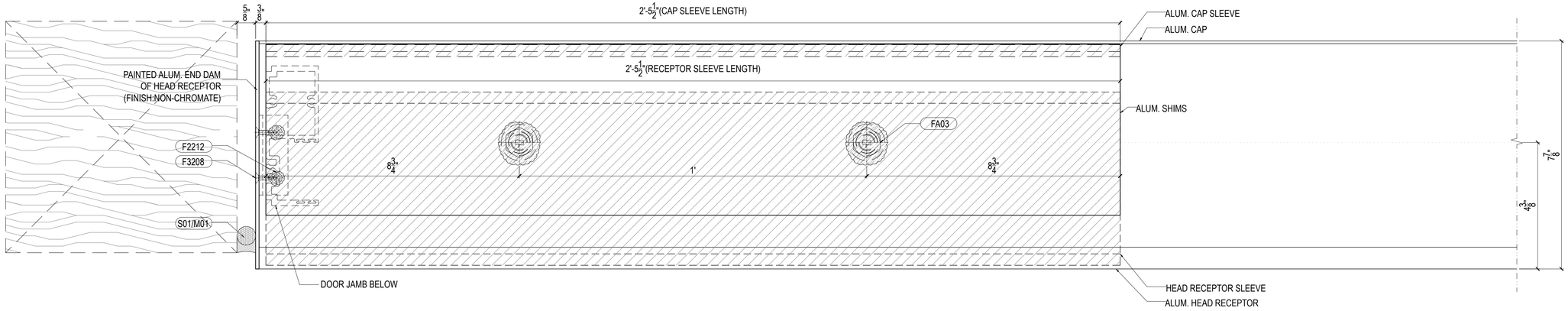
PAVAN MANEPALLI LICENSE No. 71882 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sheet No.: DT-555

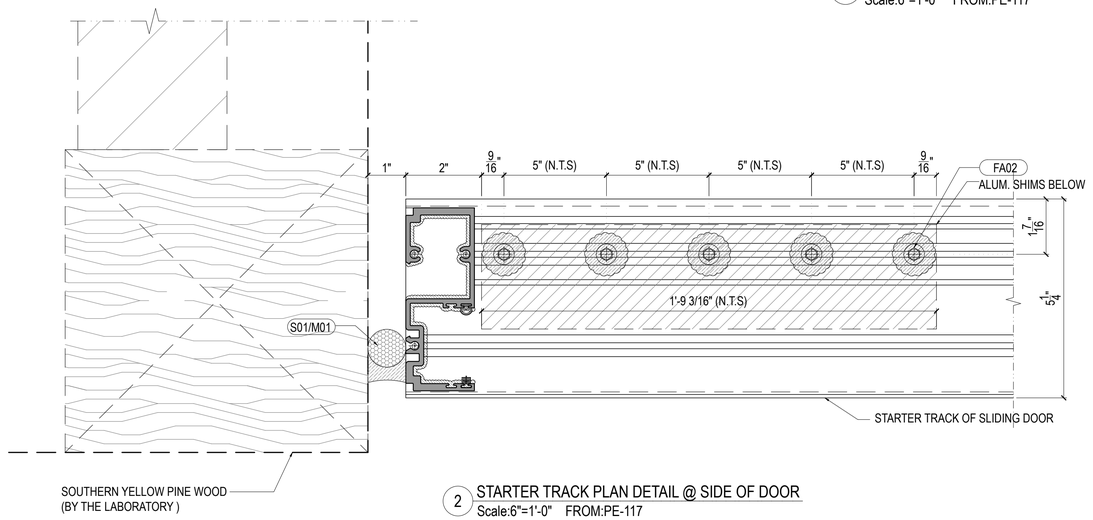
Date: Jan. 17, 2025	Revision No.: -
Scale: 6"=1'-0"	Size: 22"x34"

Phase: System Drawing

02/20/2025



1 HEAD RECEPTOR PLAN DETAIL @ SIDE
Scale:6"=1'-0" FROM:PE-117



2 STARTER TRACK PLAN DETAIL @ SIDE OF DOOR
Scale:6"=1'-0" FROM:PE-117

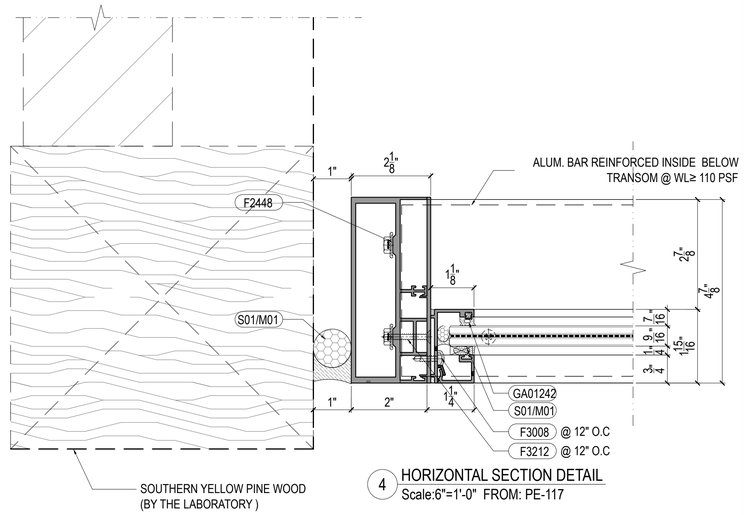
ELICC SGD-300 SERIES

FL – #47352

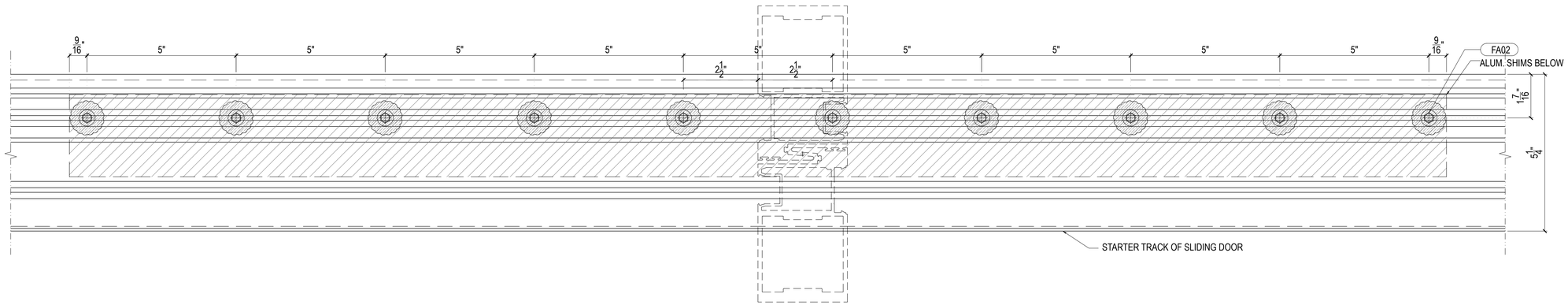
PAVAN MANEPALLI, P.E.
FLORIDA REGISTRATION
PE - 71882

LICENSE No. 71882 STATE OF FLORIDA PROFESSIONAL ENGINEER PAVAN MANEPALLI

02/20/2025



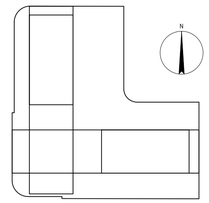
4 HORIZONTAL SECTION DETAIL
Scale:6"=1'-0" FROM: PE-117



3 STARTER TRACK PLAN DETAIL @ CENTER OF DOOR
Scale:6"=1'-0" FROM:PE-117

Job No.: 80028

Key Plan/Elevation:



No.	Date	Description
-	-	-

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Checked By:

Design Team:

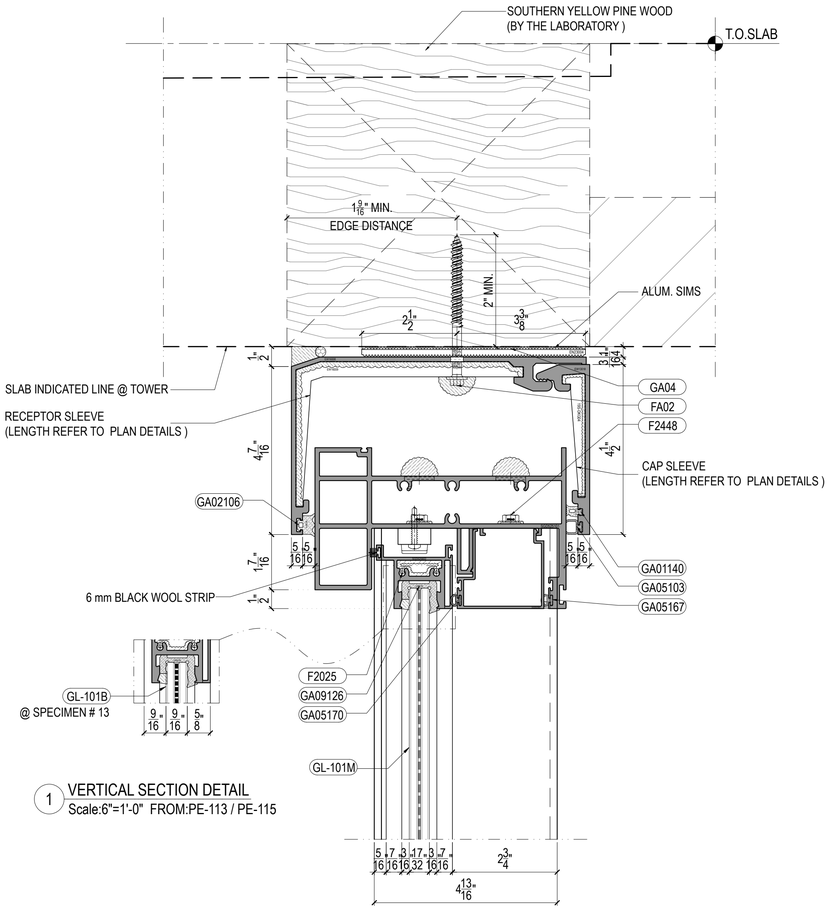
SYSTEM:
ELICC SGD-300 SERIES

Title:
STARTER TRACK PLAN DETAIL

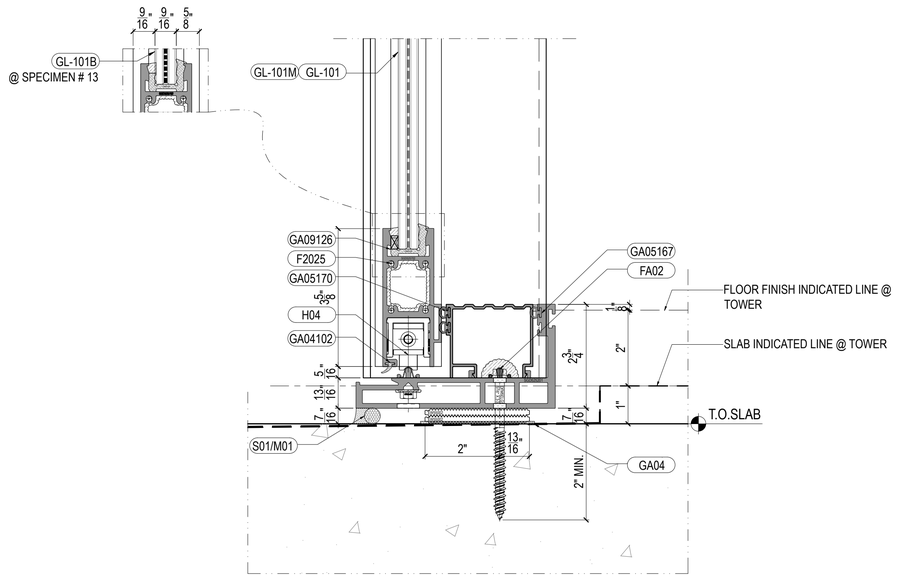
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Date: Jan. 17, 2025	Revision No.: -
Scale: 6"=1'-0"	Size: 22"x34"

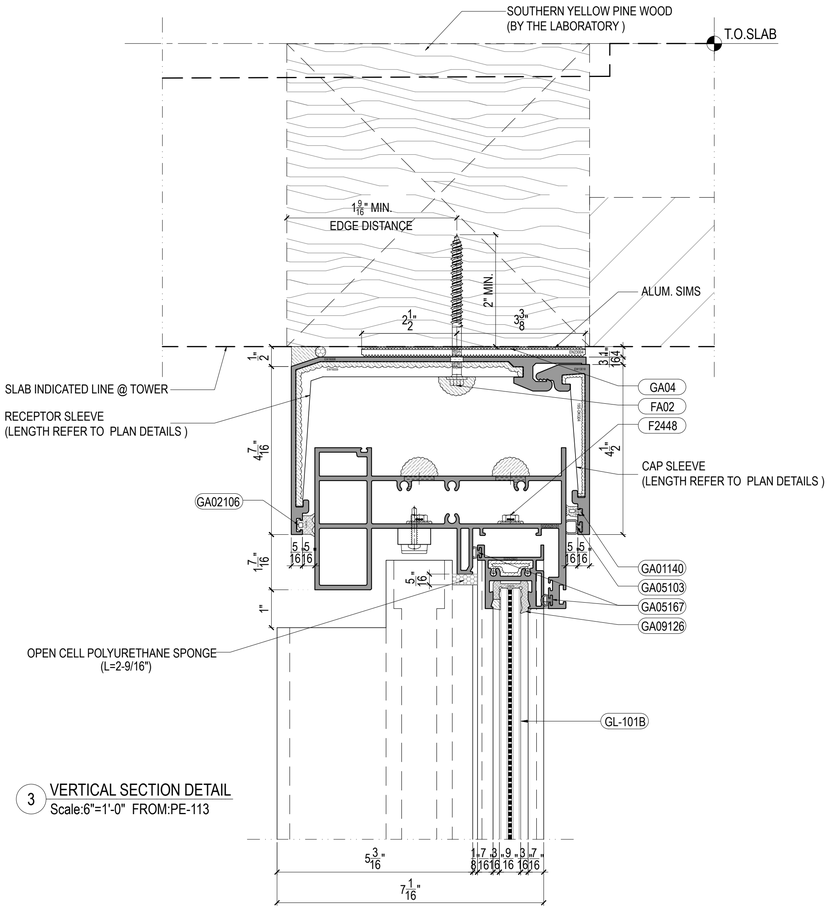
Phase: System Drawing



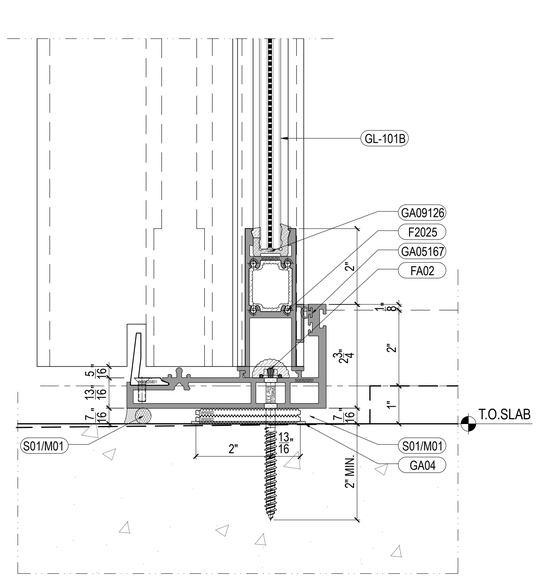
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Scale:6"=1'-0" FROM:PE-113 / PE-115



2 VERTICAL SECTION DETAIL
Scale:6"=1'-0" FROM:PE-113 / PE-115/ PE-116/ PE-117



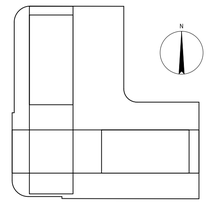
3 VERTICAL SECTION DETAIL
Scale:6"=1'-0" FROM:PE-113



4 VERTICAL SECTION DETAIL
Scale:6"=1'-0" FROM:PE-113

Job No.: 80028

Key Plan/Elevation:



No.	Date	Description
-	-	-

Revisions:

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Checked By:

Design Team:

SYSTEM:
ELICC SGD-300 SERIES

ELICC SGD-300 SERIES

FL –#47352

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FLORIDA REGISTRATION
PE - 71882

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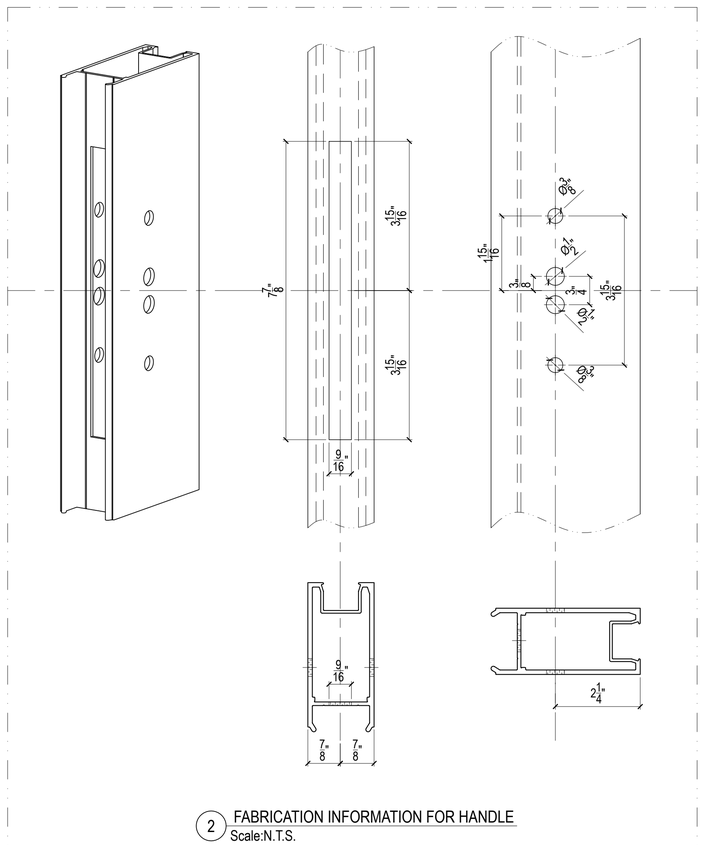
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Sheet No.: DT-557

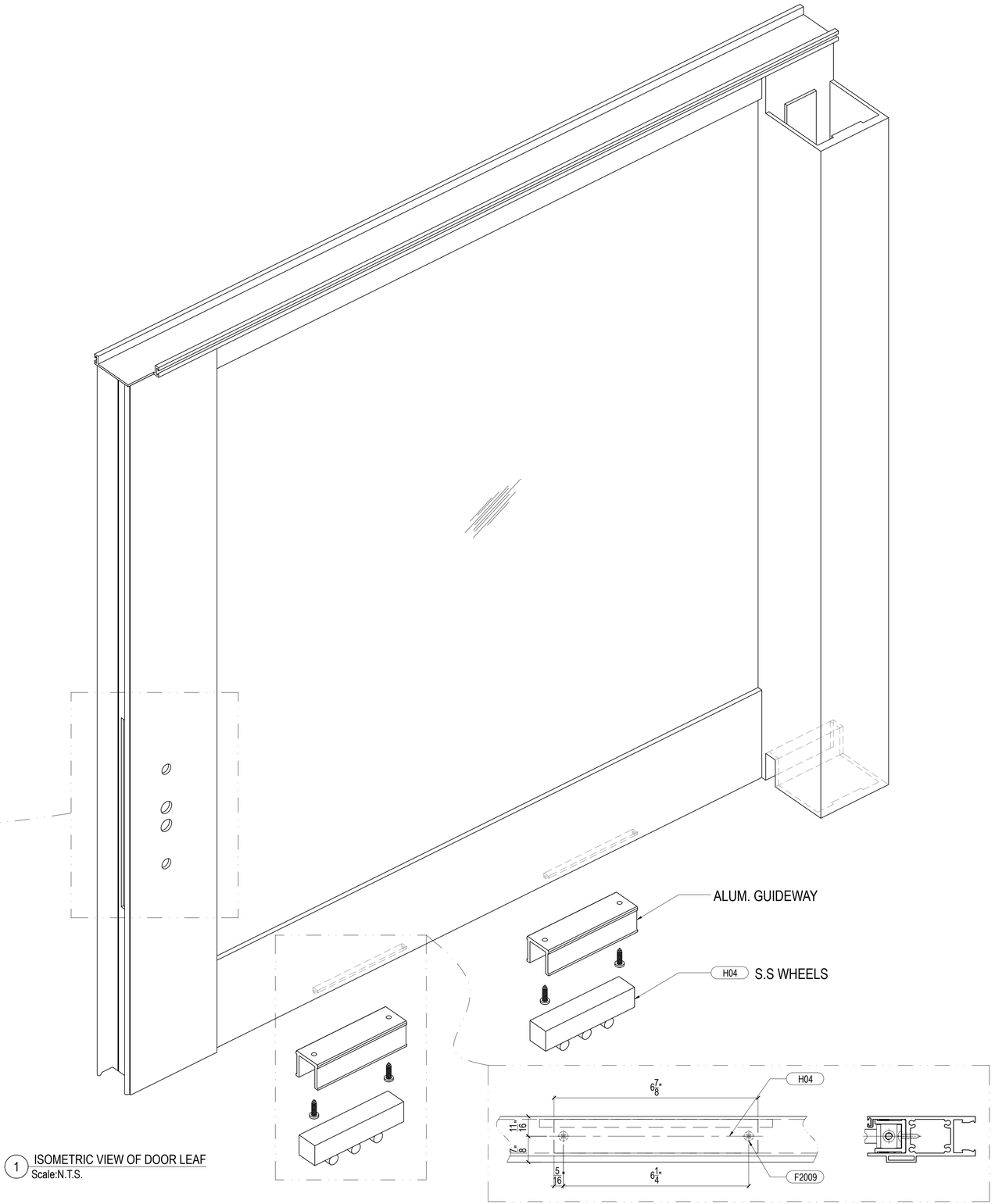
Date: Jan. 17, 2025	Revision No.: -
Scale: 6"=1'-0"	Size: 22"x34"

Phase: System Drawing

02/20/2025



2 FABRICATION INFORMATION FOR HANDLE
Scale:N.T.S.



1 ISOMETRIC VIEW OF DOOR LEAF
Scale:N.T.S.

ELICC SGD-300 SERIES

FL #47352

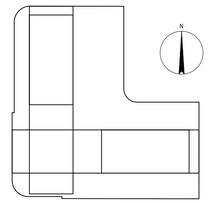
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Job No.: 80028

Key Plan/Elevation:



No.	Date	Description
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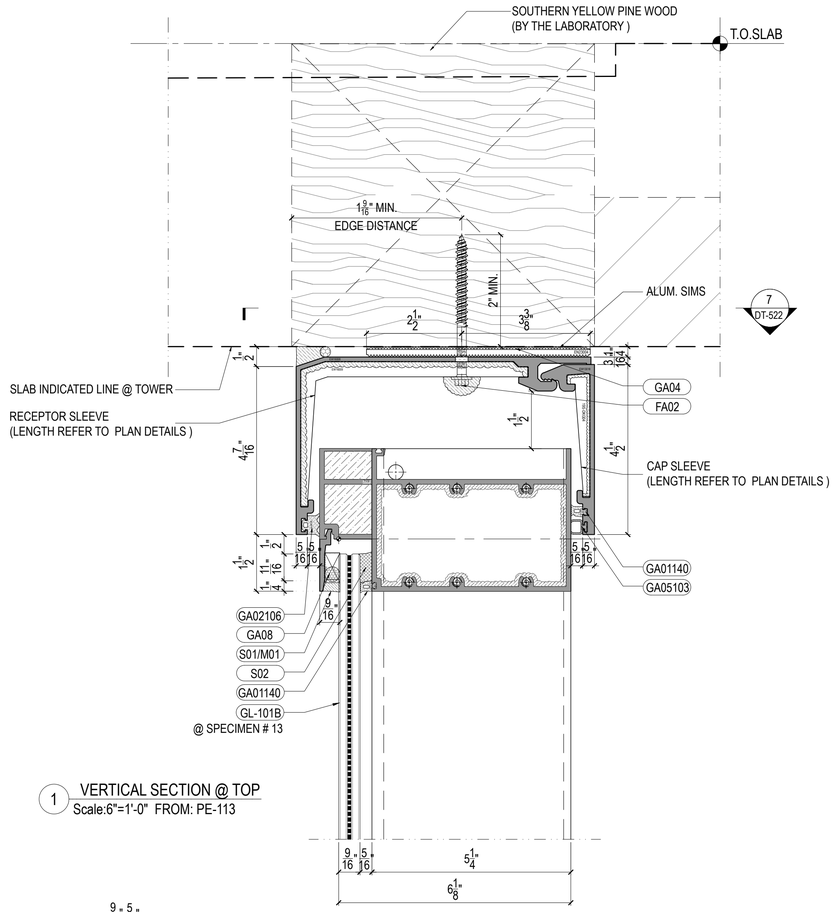
SYSTEM:
ELICC SGD-300 SERIES

Title:
ISOMETRIC VIEW OF
DOOR LEAF

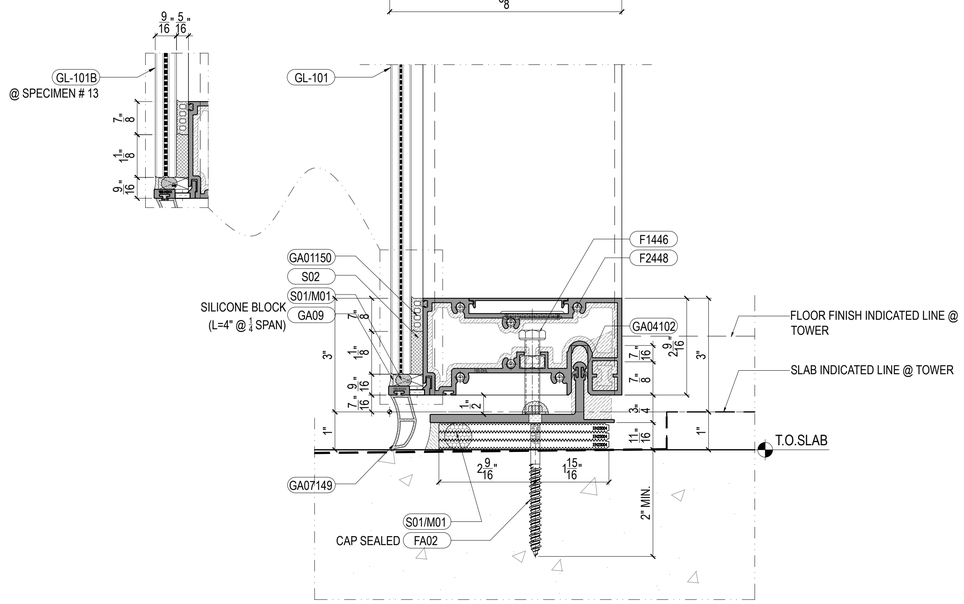
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Date: Jan. 17, 2025	Revision No.: -
Scale: 6"=1'-0"	Size: 22"x34"

Phase: System Drawing



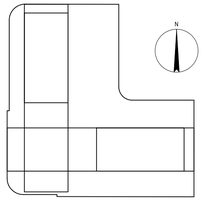
1 VERTICAL SECTION @ TOP
Scale:6"=1'-0" FROM: PE-113



2 VERTICAL SECTION @ STARTER TRACK
Scale:6"=1'-0" FROM: PE-113 / PE-114

Job No.: 80028

Key Plan/Elevation:



No.	Date	Description
-	-	-

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Design Team:

SYSTEM:
ELICC SGD-300 SERIES

Title:
VERTICAL SECTION DETAIL

ELICC SGD-300 SERIES

FL —#47352

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FLORIDA REGISTRATION
PE - 71882

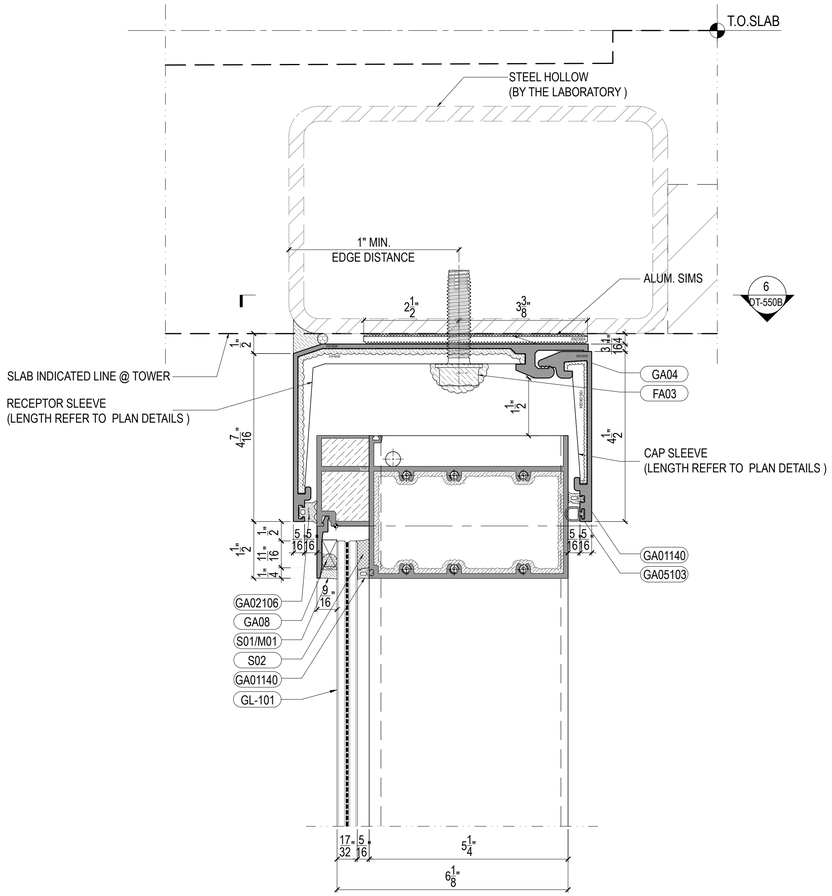
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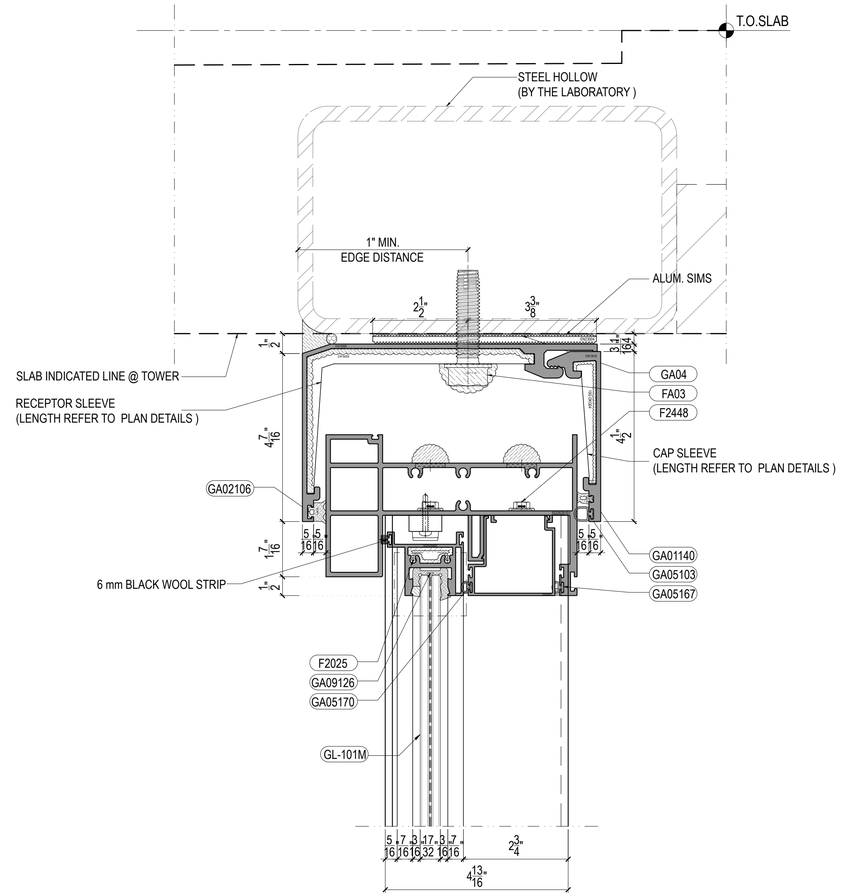
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Phase: System Drawing

02/20/2025



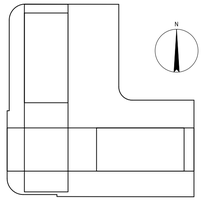
1 VERTICAL SECTION @ TOP
Scale:6"=1'-0" FROM: PE-114



2 VERTICAL SECTION DETAIL
Scale:6"=1'-0" FROM:PE-116

Job No.: 80028

Key Plan/Elevation:



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SYSTEM:
ELICC SGD-300 SERIES

Title:
VERTICAL SECTION DETAIL

ELICC SGD-300 SERIES

FL —#47352

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PE - 71882

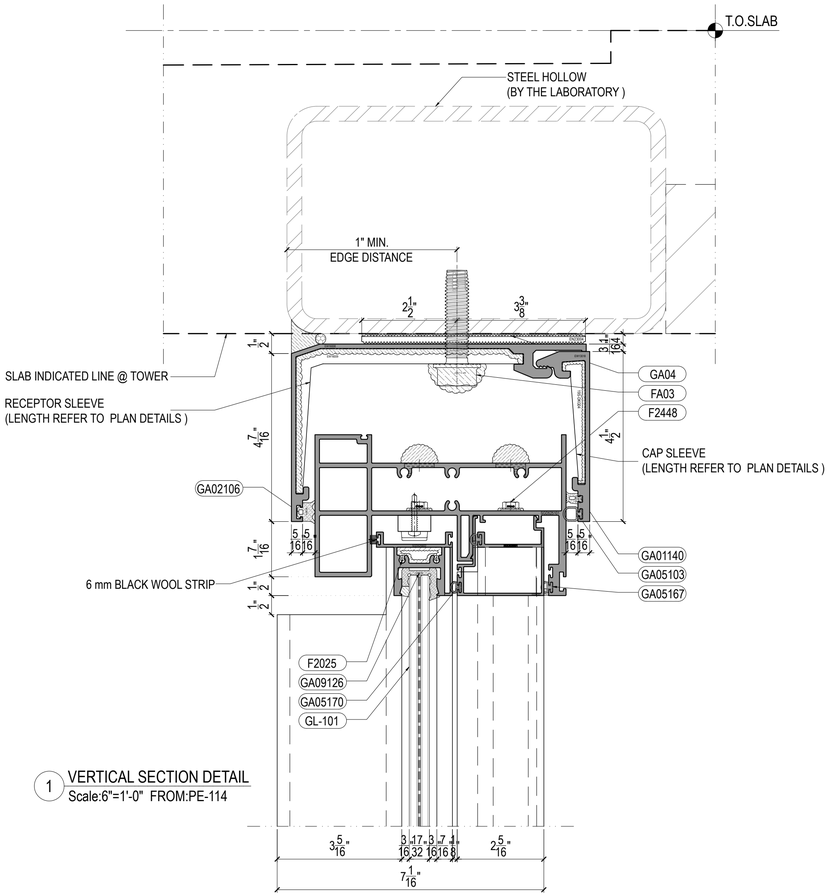
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Sheet No.: DT-559B

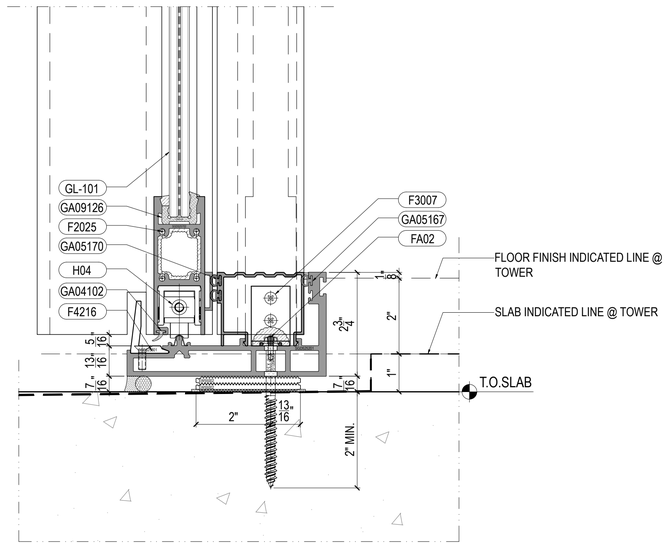
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Phase: System Drawing

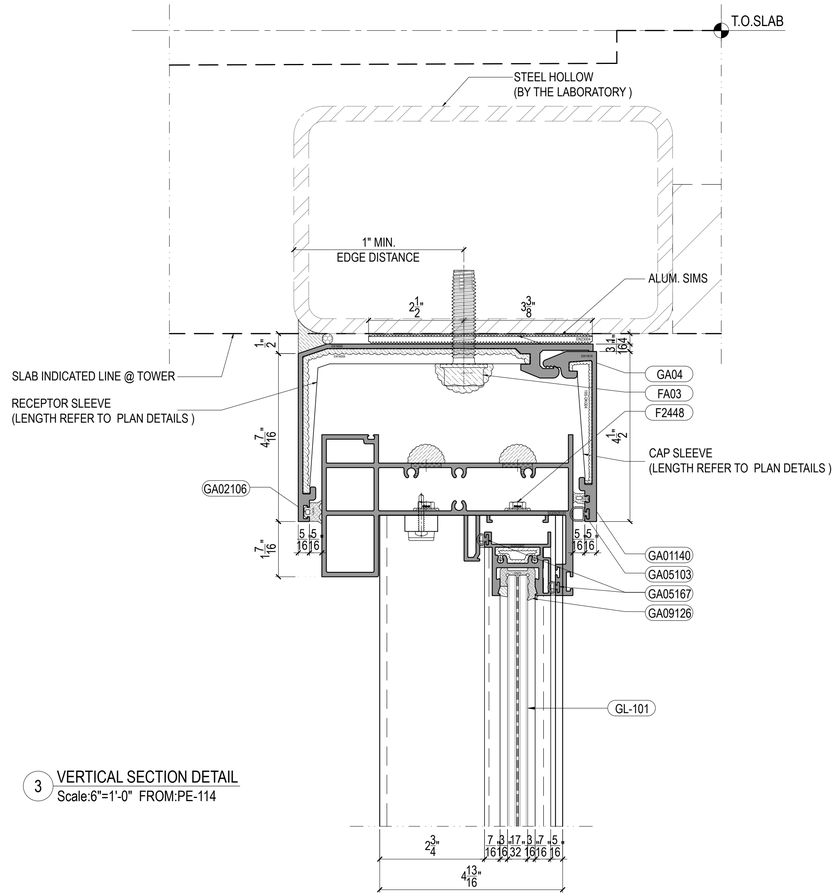
02/20/2025



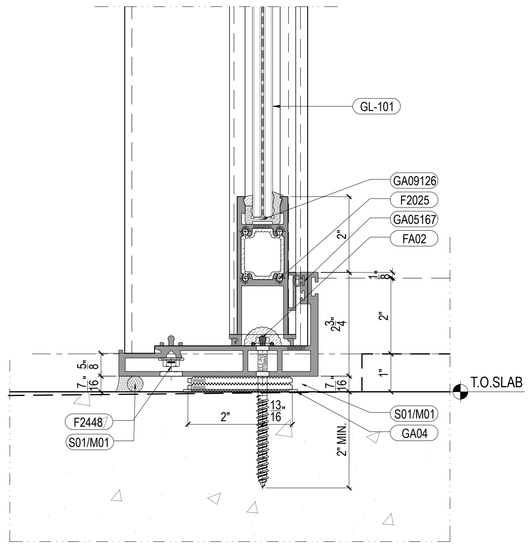
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Scale:6"=1'-0" FROM:PE-114



2 VERTICAL SECTION DETAIL
Scale:6"=1'-0" FROM:PE-114



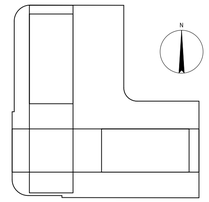
3 VERTICAL SECTION DETAIL
Scale:6"=1'-0" FROM:PE-114



4 VERTICAL SECTION DETAIL
Scale:6"=1'-0" FROM:PE-114

Job No.: 80028

Key Plan/Elevation:



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-	-	-

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Checked By:

Design Team:

SYSTEM:
ELICC SGD-300 SERIES

Title:
VERTICAL SECTION DETAIL

ELICC SGD-300 SERIES

FL –#47352

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FLORIDA REGISTRATION
PE . 71882

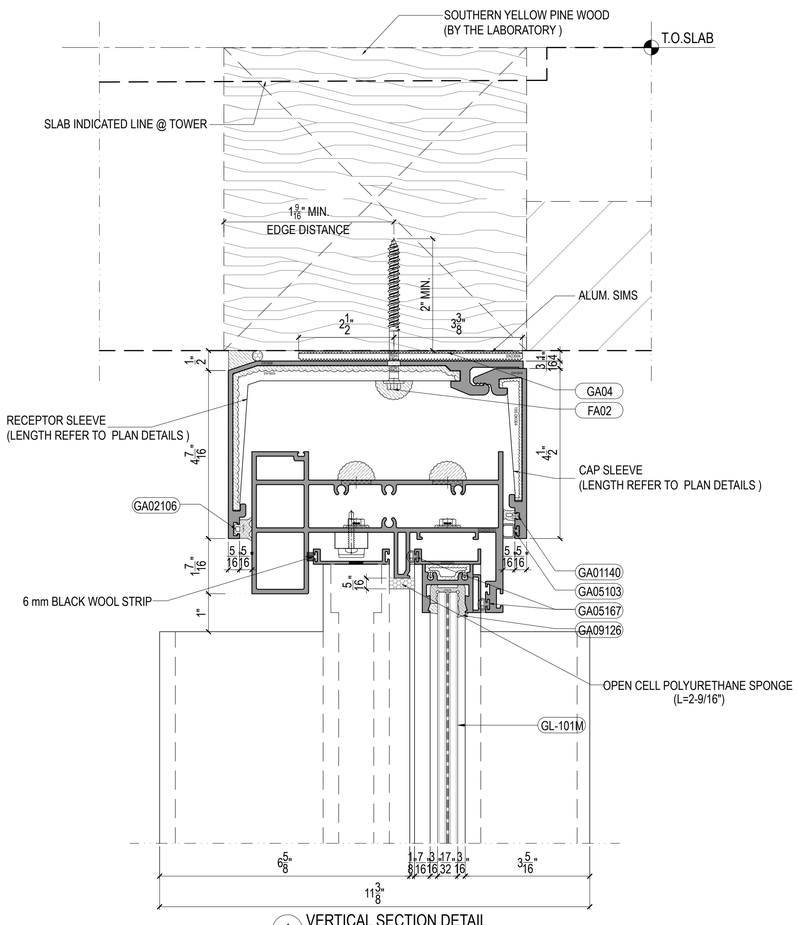
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Sheet No.: DT-560

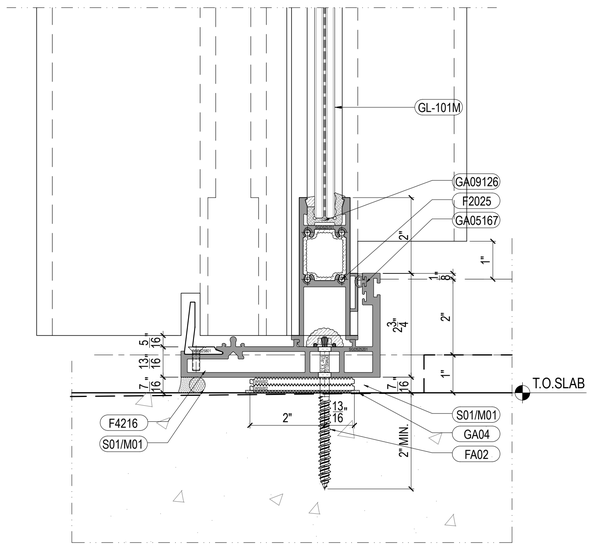
Date: Jan. 17, 2025	Revision No.: -
Scale: 6"=1'-0"	Size: 22"x34"

Phase: System Drawing

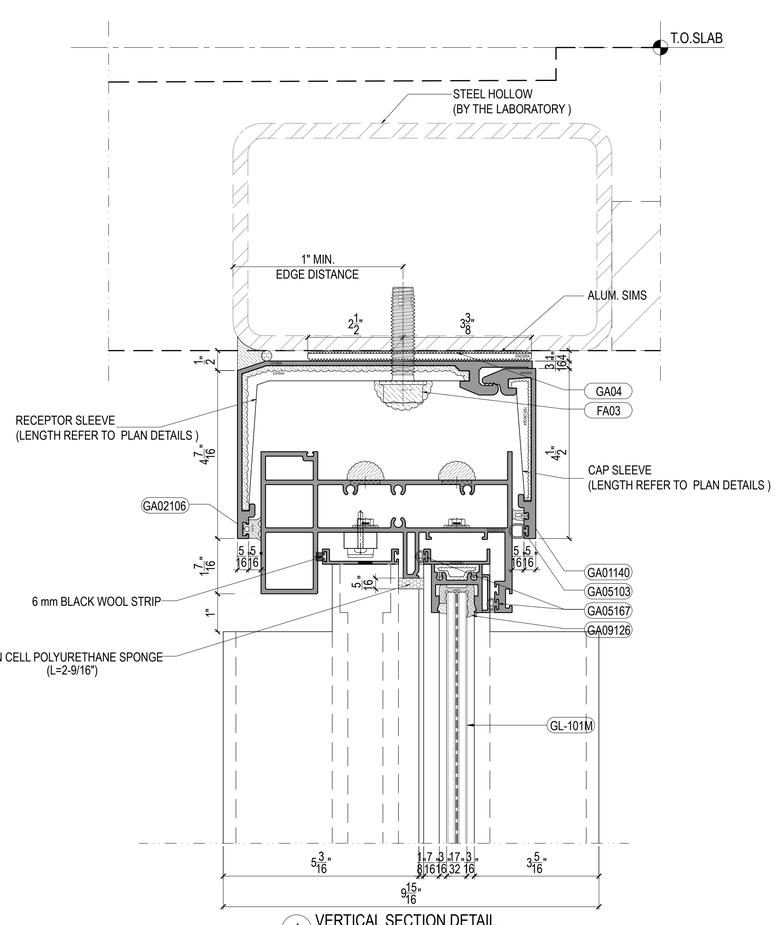
02/20/2025



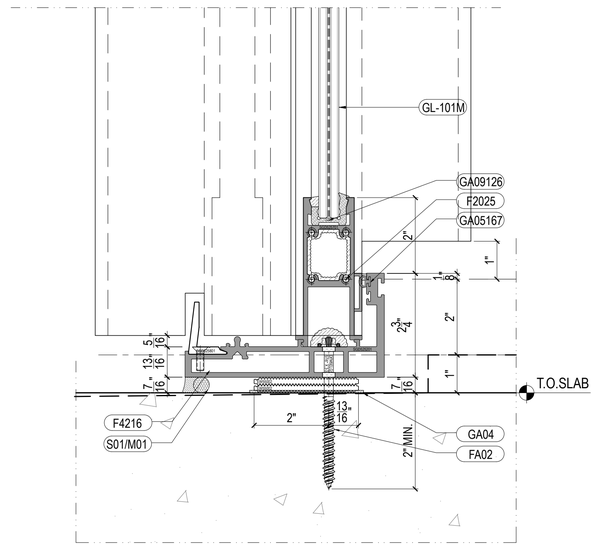
1 VERTICAL SECTION DETAIL
Scale:6"=1'-0" FROM: PE-115



2 VERTICAL SECTION DETAIL
Scale:6"=1'-0" FROM: PE-115



4 VERTICAL SECTION DETAIL
Scale:6"=1'-0" FROM: PE-116



5 VERTICAL SECTION DETAIL
Scale:6"=1'-0" FROM: PE-116 / PE-117

ELICC SGD-300 SERIES

FL – #47352

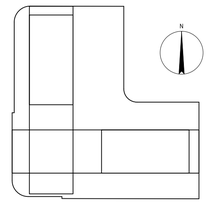
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PE -71882

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02/20/2025

Job No.: 80028

Key Plan/Elevation:



No.	Date	Description
-	-	-

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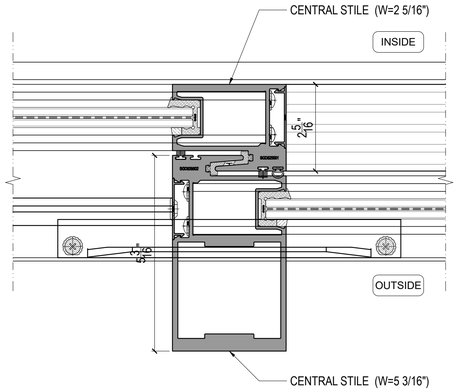
SYSTEM:
ELICC SGD-300 SERIES

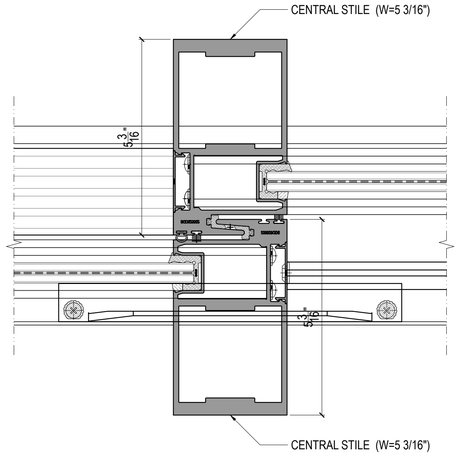
Title:
VERTICAL SECTION DETAIL

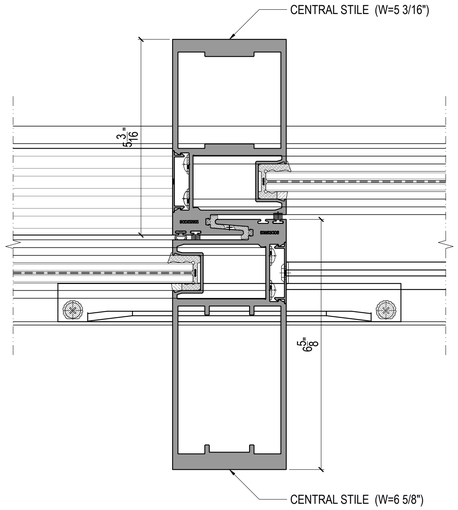
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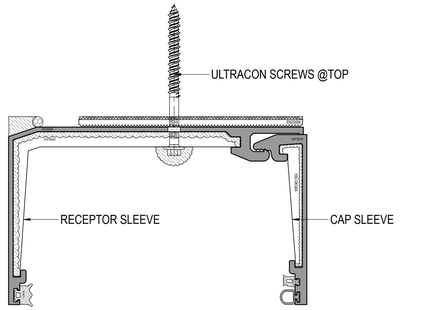
Date: Jan. 17, 2025	Revision No.: -
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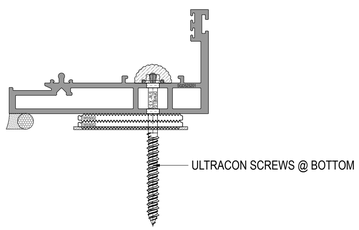
Phase: System Drawing











SGD SYSTEM STRUCTURE CALCULATION REQUIREMENT LIST

UNIT SIZE	TOWER FLOORS	WIND LOAD	CAP SLEEVE LENGTH (mm)	RECEPTOR SLEEVE LENGTH (mm)	QTY OF ULTRACON SCREWS @ TOP OF MULIION LOCATION	QTY OF ULTRACON SCREWS @BOTTOM OF MULIION LOCATION(5" SPACING)	OUTSIDE CENTRAL STILE WIDTH	INTSIDE CENTRAL STILE WIDTH
10'-0" Hx4'-0" W	@TYPICAL FLOORS 10'-6"FLOOR HEIGH	≤±110 PSF	380	380	8	5	2 5/16"	5 3/16"
		±110<WL ≤±160 PSF	550	550	11	7	5 3/16"	5 3/16"
		±160<WL ≤±205 PSF	680	680	15	9	5 3/16"	5 3/16"
12'-8" Hx4'-0" W	@ LEVEL 36, 14'-6" FLOOR HEIGHT	≤±110 PSF	450	450	10	6	5 3/16"	5 3/16"
		±110<WL ≤±160 PSF	650	650	15	9	5 3/16"	6 5/8"
		±160<WL ≤±175 PSF	680	680	16	10	5 3/16"	6 5/8"
13'-11" Hx4'-0" W	@ LEVEL 47, 14'-6" FLOOR HEIGHT	≤±110 PSF	480	480	11	7	5 3/16"	6 5/8"
9'-5" Hx4'-0" W	@ LEVEL 3~14, 10'-0" FLOOR HEIGHT	≤±110 PSF	350	350	8	5	2 5/16"	5 3/16"
13'-5" Hx4'-0" W	@ LEVEL15, 14'-0" FLOOR HEIGHT	≤±110 PSF	480	480	11	7	5 3/16"	6 5/8"
11'-3" Hx4'-0" W	@ LEVEL 16, 13'-0" FLOOR HEIGHT	≤±110 PSF	400	400	9	6	5 3/16"	5 3/16"
12'-11" Hx4'-0" W	@ LEVEL 63, 13'-10" FLOOR HEIGHT	≤±110 PSF	450	450	10	6	5 3/16"	6 5/8"

ELICC SGD-300 SERIES

FL –#47352

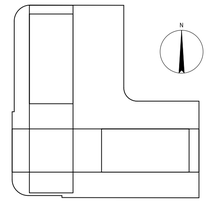
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PE - 71882

PAVAN MANEPALLI LICENSE No. 71882 STATE OF FLORIDA PROFESSIONAL ENGINEER

02/20/2025

Job No.: 80028

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Design Team:

SYSTEM:
ELICC SGD-300 SERIES

Title:
SGD SYSTEM STRUCTURE REQUIREMENT LIST

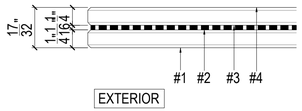
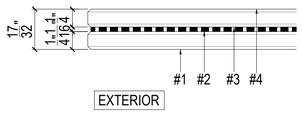
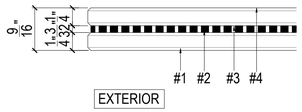
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Date: Jan. 17, 2025 | Revision No.: -

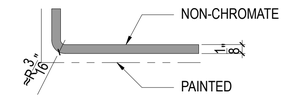
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Phase: System Drawing

1.MATERIAL LIST OF GLASS

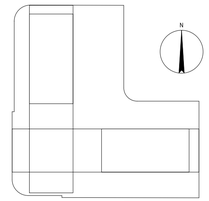
LEGEND NUMBER	MATERIAL	SECTION
GL-101	GL-101: VISION GLASS HS 6MM Gray+ 1.52MM PVB + HS 6MM Clear Laminated Glass	
GL-101M	GL-101M: VISION GLASS FT 6MM Gray + 1.52MM PVB + FT 6MM Clear Laminated Glass	
GL-101B	GL-101B: VISION GLASS HS 6MM Gray + 2.28MM SGP + HS 6MM Clear Laminated Glass	

3.MATERIAL LIST OF METAL PANEL

LEGEND NUMBER	MATERIAL DESCRIPTION	SECTION
MP-01	1/8" (3mm) THICK ALUMINUM PANEL ALLOY: 3003-H14 FINISH: POWER COATING (AAMA 2605 @ OUTSIDE ; AAMA 2604 @ INSIDE) COLOR: REFER TO ELEVATION OR NOTES IN DETAILS	

Job No.: 80028

Key Plan/Elevation:



No.	Date	Description
-	-	-

Revisions:

Owner:
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Checked By:

Design Team:

SYSTEM:
ELICC SGD-300 SERIES

ELICC SGD-300 SERIES

FL -#47352

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FLORIDA REGISTRATION
PE - 71882



02/20/2025

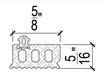
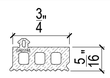
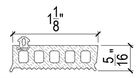
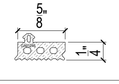
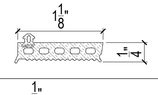
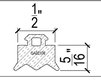
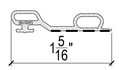
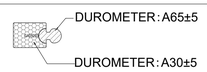
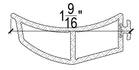
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MATERIAL LIST
GLASS \ STEEL & METAL PANEL

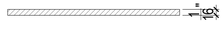
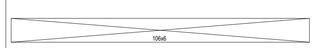
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Date: Jan. 17, 2025	Revision No.: -
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Phase: System Drawing

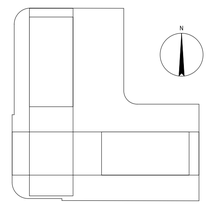
4.MATERIAL LIST OF GASKET AND THERMAL BREAK AND SETTING-BLOCK

TAG	DIAGRAM	SCALE	DIE NO.	MATERIAL/COLOR/DUROMETER
GA01140		1:1	GA01140	SILICONE (BLACK)A65°±5°
GA01142		1:1	GA01142	SILICONE (BLACK)A65°±5°
GA01146		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°
GA05166		1:1	GA05166	SILICONE (BLACK)A65°±5°
GA01242		1:1	GA01242	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°

TAG	DIAGRAM	SCALE	DIE NO.	MATERIAL/COLOR/DUROMETER
GA03		1:1	24x8mm	SILICONE (BLACK)A85°±5°
GA04		1:1	2mm THK.	SILICONE (BLACK)A65°±5°
GA05167		1:1	GA05167	SILICONE (BLACK)A65°±5°
GA05101		1:1	GA05101	SILICONE (BLACK)A65°±5°
GA05104		1:1	GA05104	SILICONE (BLACK)A65°±5°
GA06202		1:2	GA06202	EPDM FOAM (BLACK)A7±2
GA01140		1:1	GA01140	PA66+GF25 (BLACK) D80±5°
GA09126		1:1	GA09126	SILICONE (BLACK)A65°±5°
GA05206		1:1	GA09126	SILICONE (BLACK)A65°±5°
GA***1		1:1	GA09126	SILICONE (BLACK)A65°±5°
GA01144		1:1	GA01144	SILICONE (BLACK)A65°±5°
GA01150		1:1	GA01150	SILICONE (BLACK)A65°±5°
GA05		1:1	23x11mm	SILICONE (BLACK)A85°±5°
GA06		1:1	106x6mm	SILICONE (BLACK)A85°±5°
GA07		1:1	26x10mm	SILICONE (BLACK)A85°±5°
GA08		1:1	20x10mm	SILICONE (BLACK)A85°±5°
GA09		1:1	20x8mm	SILICONE (BLACK)A85°±5°

Job No.: 80028

Key Plan/Elevation:



No.	Date	Description
-	-	-

Revisions:

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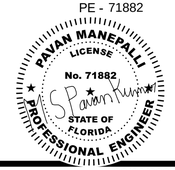
Design Team:

SYSTEM:
ELICC SGD-300 SERIES

ELICC SGD-300 SERIES

FL -#47352

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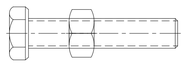
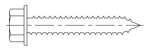
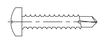
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MATERIAL LIST
GASKET

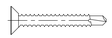
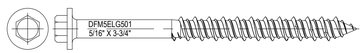
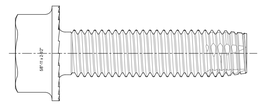
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Date: Jan. 17, 2025	Revision No.: -
Scale: 1'-0"=1'-0"	Size: 22"x34"

Phase: System Drawing

5.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
F3211		ST4.2x25mm FLAT-HEAD S.D. SCREW	S.S. 316	STAINLESS STEEL
F4016		M6X16mm CROSS RECESSED PAN HEAD SCREW	S.S. 316	STAINLESS STEEL
F2024		ST4.8X25mm PAN-HEAD S.T. SCREW	S.S. 316	STAINLESS STEEL
F2020		ST4.8X13mm PAN-HEAD S.T. SCREW	S.S. 316	STAINLESS STEEL
F2224		ST4.8x25mm FLAT-HEAD S.T. SCREW	S.S. 316	STAINLESS STEEL
F4216		M6x16mm CROSS REVESSED COUNTERSUNK HEAD SCREW	S.S. 316	STAINLESS STEEL
F3024		ST4.8X38mm PAN-HEAD S.D. SCREW	S.S. 316	STAINLESS STEEL
F3022		ST4.8X25mm PAN-HEAD S.D. SCREW	S.S. 316	STAINLESS STEEL

TAG	DIAGRAM	DESCRIPTION	GRADE	MATERIAL/FINISH
F3220		ST4.8x19mm FLAT-HEAD S.D. SCREW	S.S. 316	STAINLESS STEEL
F3212		ST4.2x32mm FLAT-HEAD S.D. SCREW	S.S. 316	STAINLESS STEEL
FA02		DEWALT 5/16" X 3-3/4" HWH ULTRACON SCREWS	-	Material:Carbon steel FINISH:Stalgard coating
F3007		ST4.2x13mm PAN-HEAD S.D. SCREW	S.S. 316	STAINLESS STEEL
F2025		ST4.8X38mm PAN-HEAD S.T. SCREW	S.S. 316	STAINLESS STEEL
F2009		ST4.2X16mm PAN-HEAD S.T. SCREW	S.S. 316	STAINLESS STEEL
F2212		ST4.2X25mm PAN-HEAD S.T. SCREW	S.S. 316	STAINLESS STEEL
FA03		5/8"-11 x 2-1/2" H.W.H TAPFLEX BOLT	ALLOY STEEL	SILVER STALGARD ® SUB COATING

6.SEALANT MATERIAL LIST

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

ELICC SGD-300 SERIES

FL —#47352

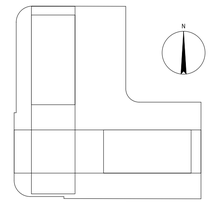
PAVAN MANEPALLI, P.E.
FLORIDA REGISTRATION
PE - 71882

PAVAN MANEPALLI LICENSE No. 71882 STATE OF FLORIDA PROFESSIONAL ENGINEER

02/20/2025

Job No.: 80028

Key Plan/Elevation:



No.	Date	Description
-	-	-

Revisions:

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Checked By:

Design Team:

SYSTEM:
ELICC SGD-300 SERIES

Title:
MATERIAL LIST
FASTENERS / SEALANT/ INSULATIION

Sheet No.: ML-045

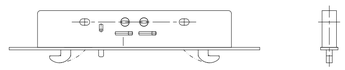
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Phase: System Drawing

8.MISCELLANEOUS MATERIAL LIST

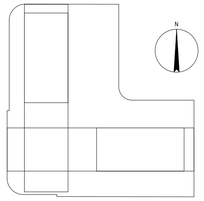
M01	BI-CELLUAR BACKER ROD	
M02	DOUBLE-SIDED ADHESIVE TAPE	
M05	SILICONE PLUG (BED SEALED)	
M06	2mm THK. S.S 316 FLAT WASHER(FOR THE GA12108)	
M07	BRUSHES (GREY)	

9.HARDWARE MATERIAL LIST

H01	SLIDING DOOR HANDLE MANUFACTOR: KIN LONG TAG: T-MLS04-L30 REMARK: WITH KEY	 SCALE: 3:1
H02	MOUNTING PLATE MANUFACTOR: KIN LONG TAG: T-SGS25 REMARK:	 SCALE: 3:1
H03	LOCK BLOCK MANUFACTOR: KIN LONG TAG: T-GMB215 REMARK:	 SCALE: 3:1
H04	S.S WHEELS MANUFACTOR: KIN LONG TAG: CMLF2801-K29R3.25-JL REMARK: MAX. WEIGHT 200KG / PAIR	 SCALE: 3:1

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Key Plan/Elevation:



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-	-	-

Revisions:

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Checked By:

Design Team:

SYSTEM:
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FL –#47352

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FLORIDA REGISTRATION
PE - 71882



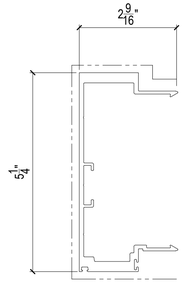
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MATERIAL LIST
MISCELLANEOUS MATERIAL
& DOOR HARDWARE

Sheet No.: ML-046

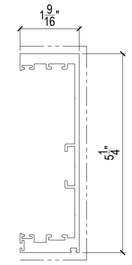
Date: Jan. 17, 2025	Revision No.: -
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Phase: System Drawing

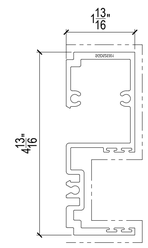
02/20/2025



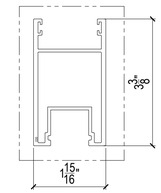
DIE NO. :*	
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PURPOSE : MALE MULLION	LEGEND:
COLOR: -	POWDER COAT



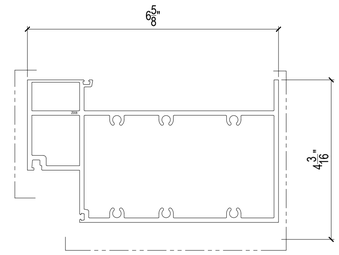
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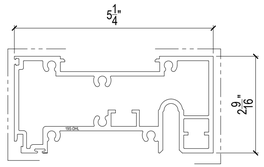
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PURPOSE : DOOR JAMB	LEGEND:
COLOR: -	POWDER COAT



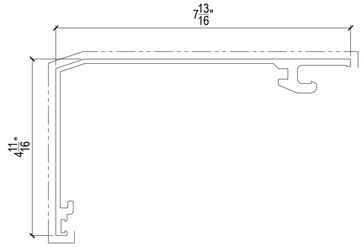
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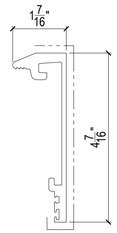
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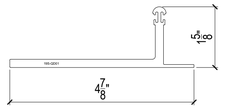
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COLOR: -	POWDER COAT



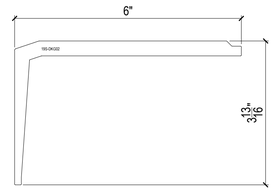
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COLOR: -	POWDER COAT



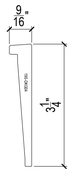
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PURPOSE : CAP	LEGEND:
COLOR: -	POWDER COAT



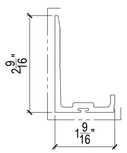
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COLOR: -	POWDER COAT



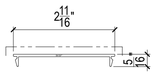
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PURPOSE : RECEPTOR SLEEVE	LEGEND:
COLOR: -	POWDER COAT



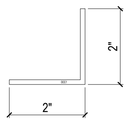
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PURPOSE : CAP SLEEVE	LEGEND:
COLOR: -	POWDER COAT



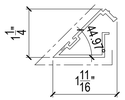
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MATERIAL : 6063-T6	
FINISH : AAMA2605	
PURPOSE : CAP	LEGEND:
COLOR: -	POWDER COAT



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



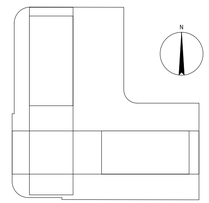
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MATERIAL : 6063-T5	
FINISH : NON-CHROMATE	
PURPOSE : ANGLE	LEGEND:
COLOR: -	POWDER COAT



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

Job No.: 80028

Key Plan/Elevation:



No.	Date	Description
-	-	-

Revisions:

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Approved By:

Checked By:

Design Team:

SYSTEM:
ELICC SGD-300 SERIES

ELICC SGD-300 SERIES

FL #47352

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

PAVAN MANEPALLI LICENSE No. 71882 STATE OF FLORIDA PROFESSIONAL ENGINEER

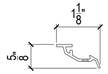
02/20/2025

Title:
MATERIAL LIST
Aluminum Extrusion

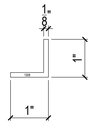
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Date: Jan. 17, 2025	Revision No.: -
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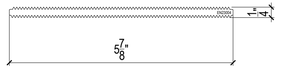
Phase: System Drawing



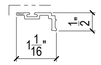
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PURPOSE : ANTI-BUCKLING CLIP	LEGEND:
COLOR: -	POWDER COAT



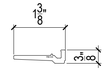
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PURPOSE : ANGLE	LEGEND:
COLOR: -	POWDER COAT



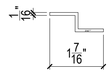
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MATERIAL : 6063-T5	
FINISH : NON-CHROMATE	
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COLOR: -	POWDER COAT



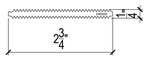
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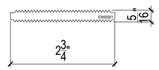
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PURPOSE : BEARING BAR	LEGEND:
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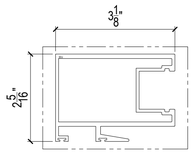
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COLOR: -	POWDER COAT



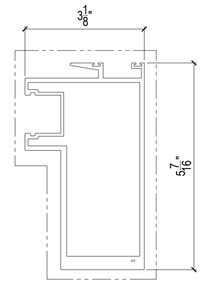
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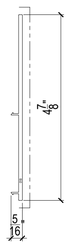
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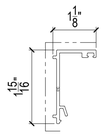
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PURPOSE : -	LEGEND:
COLOR: -	POWDER COAT



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



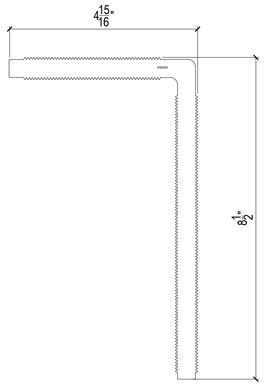
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PURPOSE : -	LEGEND:
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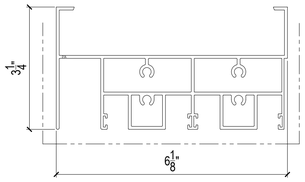
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PURPOSE : -	LEGEND:
COLOR: -	POWDER COAT



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



DIE NO. : EN50002	
MATERIAL : 6005A-T61	
FINISH : NON-CHROMATE	
PURPOSE : ANGLE	LEGEND:
COLOR: -	POWDER COAT



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

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FL #47352

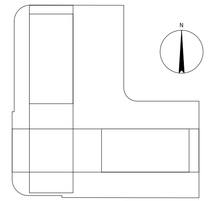
PAVAN MANEPALLI, P.E.
FLORIDA REGISTRATION
PE - 71882

PAVAN MANEPALLI LICENSE No. 71882 STATE OF FLORIDA PROFESSIONAL ENGINEER

02/20/2025

Job No.: 80028

Key Plan/Elevation:



No.	Date	Description
-	-	-

Revisions:

Owner:
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Facade Consultant:
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Approved By:

Checked By:

Design Team:

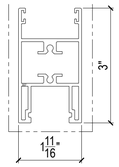
SYSTEM:
ELICC SGD-300 SERIES

Title:
MATERIAL LIST
Aluminum Extrusion

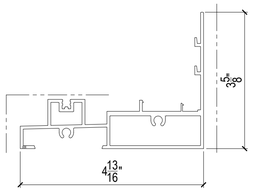
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Date: Jan. 17, 2025	Revision No.: -
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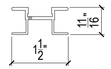
Phase: System Drawing



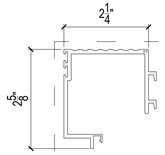
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PURSPOSE : -	LEGEND:
COLOR: -	POWDER COAT



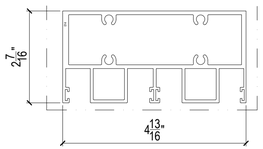
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COLOR: -	POWDER COAT



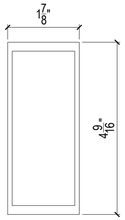
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PURSPOSE : -	LEGEND:
COLOR: -	POWDER COAT



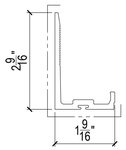
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COLOR: -	POWDER COAT



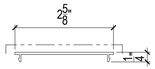
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PURSPOSE :TOP TRANSOM	LEGEND:
COLOR: -	POWDER COAT



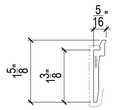
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PURSPOSE : TUBE	LEGEND:
COLOR: -	POWDER COAT



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



DIE NO. :-	
MATERIAL : 6063-T5	
FINISH : NON-CHROMATE	
PURSPOSE : COVER	LEGEND:
COLOR: -	POWDER COAT

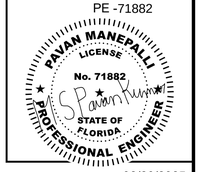


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MATERIAL : 6063-T6	
FINISH : NON-CHROMATE	
PURSPOSE : Trim	LEGEND:
COLOR: -	POWDER COAT

ELICC SGD-300 SERIES

FL #47352

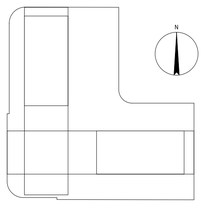
PAVAN MANEPALLI, P.E.
FLORIDA REGISTRATION
PE -71882



02/20/2025

Job No.: 80028

Key Plan/Elevation:



No.	Date	Description
-	-	-

Revisions:

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-

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Facade Consultant:
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Issued By:

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Checked By:

Design Team:

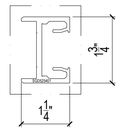
SYSTEM:
ELICC SGD-300 SERIES

Title:
MATERIAL LIST
Aluminum Extrusion

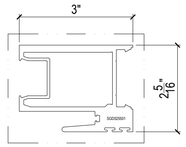
Sheet No.: ML-049

Date: Jan. 17, 2025	Revision No.: -
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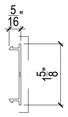
Phase: System Drawing



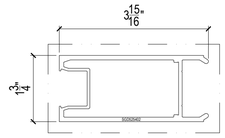
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PURPOSE : -	LEGEND:
COLOR: -	POWDER COAT



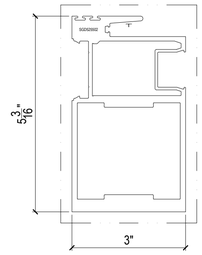
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COLOR: -	POWDER COAT



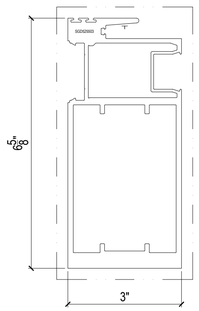
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PURPOSE : CAP	LEGEND:
COLOR: -	POWDER COAT



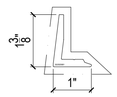
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PURPOSE : -	LEGEND:
COLOR: -	POWDER COAT



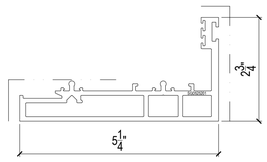
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FINISH : NON-CHROMATE	
PURPOSE : -	LEGEND:
COLOR: -	POWDER COAT



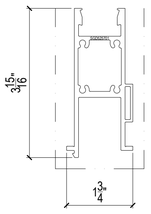
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COLOR: -	POWDER COAT



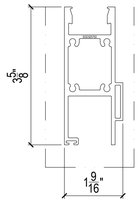
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PURPOSE : -	LEGEND:
COLOR: -	POWDER COAT



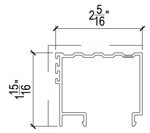
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PURPOSE : BOTTOM TRANSOM	LEGEND:
COLOR: -	POWDER COAT



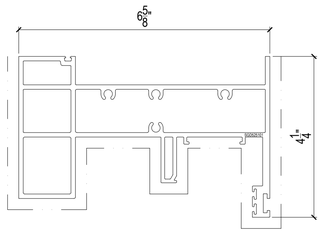
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PURPOSE : -	LEGEND:
COLOR: -	POWDER COAT



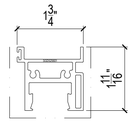
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PURPOSE : -	LEGEND:
COLOR: -	POWDER COAT



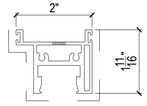
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PURPOSE : CAP	LEGEND:
COLOR: -	POWDER COAT



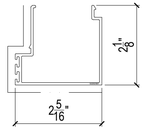
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PURPOSE : TOP TRANSOM	LEGEND:
COLOR: -	POWDER COAT



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



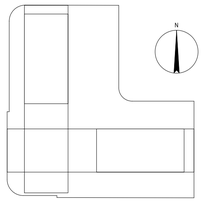
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FINISH : NON-CHROMATE	
PURPOSE : -	LEGEND:
COLOR: -	POWDER COAT



DIE NO. : SGD525901	
MATERIAL : 6063-T5	
FINISH : NON-CHROMATE	
PURPOSE : CAP	LEGEND:
COLOR: -	POWDER COAT

Job No.: 80028

Key Plan/Elevation:



No.	Date	Description
-	-	-

Revisions:

Owner:
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Facade Consultant:
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Design Team:

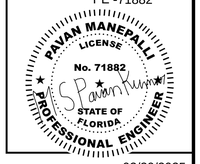
SYSTEM:
ELICC SGD-300 SERIES

Title:
MATERIAL LIST
Aluminum Extrusion

ELICC SGD-300 SERIES

FL #47352

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



02/20/2025

Sheet No.: ML-050

Date: Jan. 17, 2025 | Revision No.: -

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

Phase: System Drawing