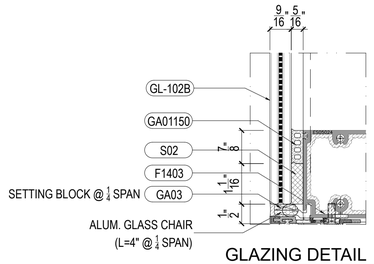
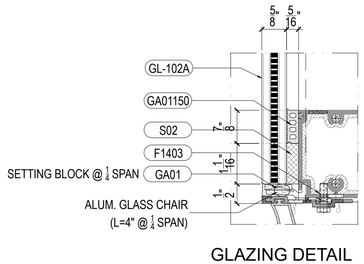
ELICC AMERICAS CORPORATION

CW-100 SERIES LARGE MISSILE IMPACT RESISTANT(L.M.I.)

IMPACT LEVELS "D" & "E"

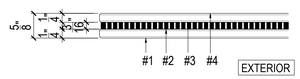
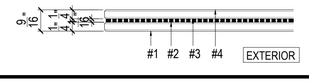


GLAZING DETAIL
LMI-LEVEL "D"



GLAZING DETAIL
LMI-LEVEL "E"

GLASS TYPE

LEGEND NUMBER	MATERIAL DESCRIBE	SECTION
GL-102A	GL-102A: VISION GLASS HS 1/4" + 3/16" SGP + HS 1/4" Laminated Glass (USED FOR LEVEL "E")	
GL-102B	GL-102B: VISION GLASS HS 1/4" + 0.090" SGP + HS 1/4" LAMINATED GLASS (USED FOR LEVEL "D")	

* NOTE:
1. GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-04 (3 SEC. GUSTS) AND CHAPTER 17 OF THE CURRENT FBC FOR SIZES OTHER THAN TESTED.
2. SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN CHAPTER 24.
3. SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER CHAPTER 24.
4. D.L.O. MAY NOT EXCEED MAX DIMENSIONS IN GLASS CHARTS FOR GLASS TYPE.

GENERAL NOTES:

1. THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS TO THE 7TH EDITION OF FLORIDA BUILDING CODE (2023) INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
2. FACADE RATED FOR LARGE MISSILE IMPACT, SYSTEM TESTED FOR IMPACT LEVEL "D" &"E".
3. THESE FACADES ARE APPROVED FOR AIR AND WATER INFILTRATION AND COMPLY WITH AAMA 501 PER FBC 1709.8.4.
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 INGCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 6TH EDITION / 7TH 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 TH BUILDING MAIN STRUCTURE.
8. ULTIMATE LOAD OBTAINED FROM ASCE 7- 22 , MULTIPLY BY 0.6 SHALL BE LESS THAN OR EQUAL TO MAX. DESIGN LOAD IN THIS DOCUMENT. THE DESIGN LOADS SHOWN IN THIS DOCEMENT ARE ALLOWABLE DESIGN LOADS.
9. SEALANT: ALL FRAME CORNERS, JOINTS, MULLION SEAMS AND PERIMETER GLAZING BEAD TO FRAME INSTALLATION FASTENERS SEALED WITH SILICON SEALANT.
10. THE SGP INTERLAYER FOR GLASS MANUFACTURED BY KURARAY SENTRY GLASS INC HAS NOA FROM MIAMI DADE COUNTY AND COMPLY WITH MIAMI-DADE PLASTICS CHECKLIST. THIS PRODUCT IS DESIGNED TO COMPLY WITH FLORIDA BUILDING CODE INCLUDING THE HVHZ.

INSTRUCTIONS:

USE CHARTS AS FOLLOWS.

STEP 1: DETERMINE DESIGN WIND LOAD REQUIREMENTS ON WIND VELOCITY. BLDG. HEIGHT, WIND ZONE USING APPLICABLE ASCE 7-16 STANDARD.

STEP 2: SEE SHEET PE-101 & PE-102 FOR APPROVED WINDOW SIZE AND DESIGN LOAD.

STEP 3: SEE SHEET AN-201 FOR APPROVED ANCHOR TYPE AND ANCHOR CAPACITY.

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

ABBREVIATIONS:

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

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

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

SYMBOLS:

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

WORKING POINT

LIMITATIONS OF USE

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

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

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

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

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

ELICC CW-100 SERIES

FL #46137

VERIFIED BY:
PAVAN MANEPALLI, P.E.
FLORIDA REGISTRATION
PE #71882

PAVAN MANEPALLI LICENSE No. 71882 STATE OF FLORIDA PROFESSIONAL ENGINEER

No.	Date	Description
-	-	-

Revisions:

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Checked By:

Design Team:

Title: COVER

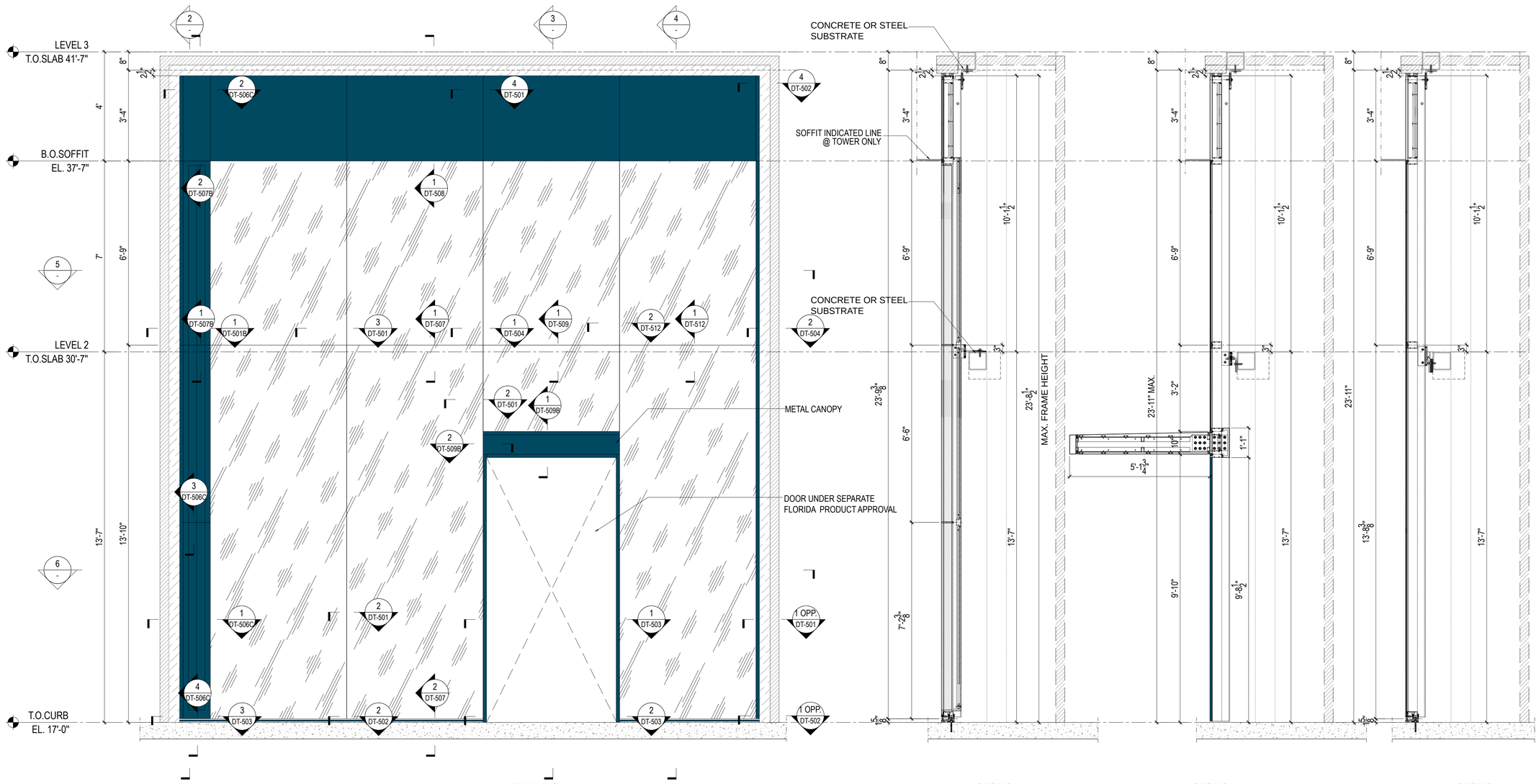
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Date: Feb. 04, 2024 | Revision No.: -

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Phase: Shop Drawing

02/08/2024

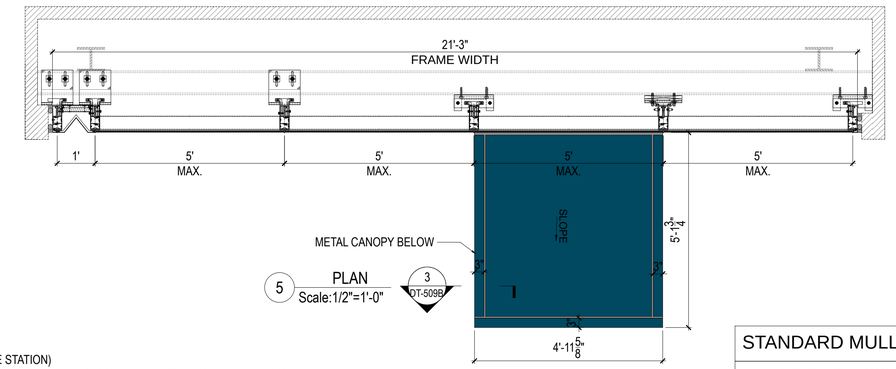


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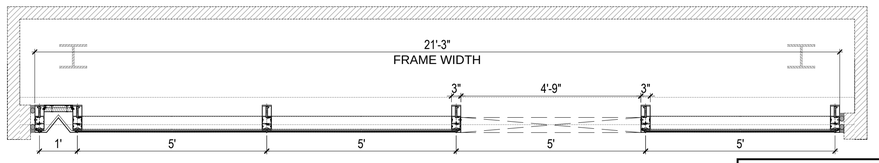
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3 SECTION
Scale:1/2"=1'-0"

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



5 PLAN
Scale:1/2"=1'-0"



6 PLAN
Scale:1/2"=1'-0"

Legend:

VISION GLASS(@FIRE STATION)
GL-102A: HS 6mm LOW-IRON + 4.57mm SGP + HS 6mm LOW-IRON LAMINATED GLASS

ALUM. PANEL
MTL-103: 3mm THICK ALUMINUM PANEL; FINISH: NON-CHROMATE

STANDARD MULLION SYSTEM
LEVEL E MISSILE IMPACT
DESIGN WIND LOAD: ±100 PSF

THIS SYSTEM HAS BEEN TESTED SUCCESSFULLY FOR WATER RESISTANCE INFILTRATION ACCORDING TO ASTM E331-00 UP TO **+15.00 PSF (SEE SHEET D2' & D3. 1' FOR REQUIREMENTS)

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ELICC CW-100 SERIES

FL #46137

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PE #71882

PAVAN MANEPALLI LICENSE No. 71882 STATE OF FLORIDA PROFESSIONAL ENGINEER

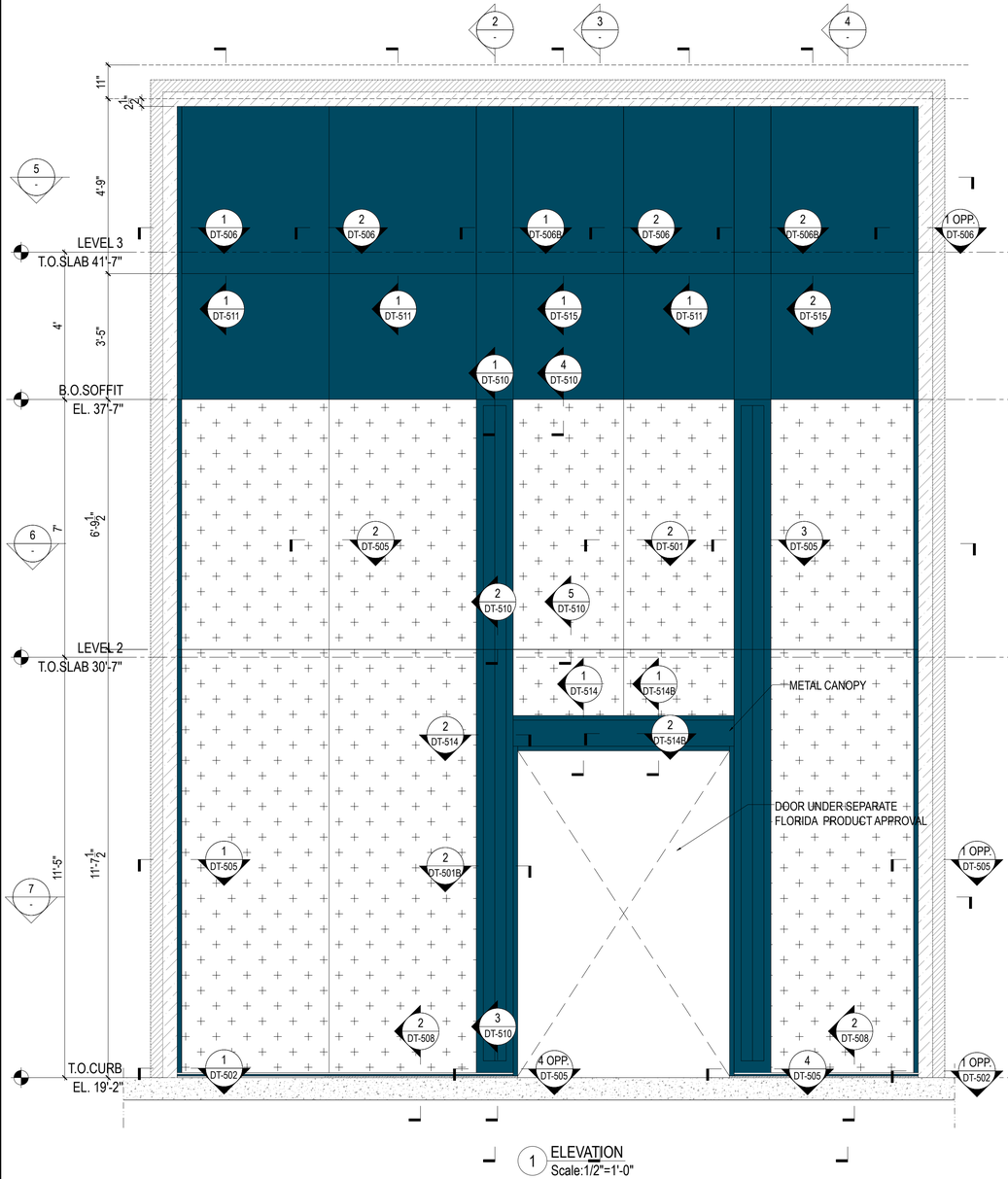
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LEVEL E MISSILE IMPACT
TESTING ELEVATION

Sheet No.: PE-101

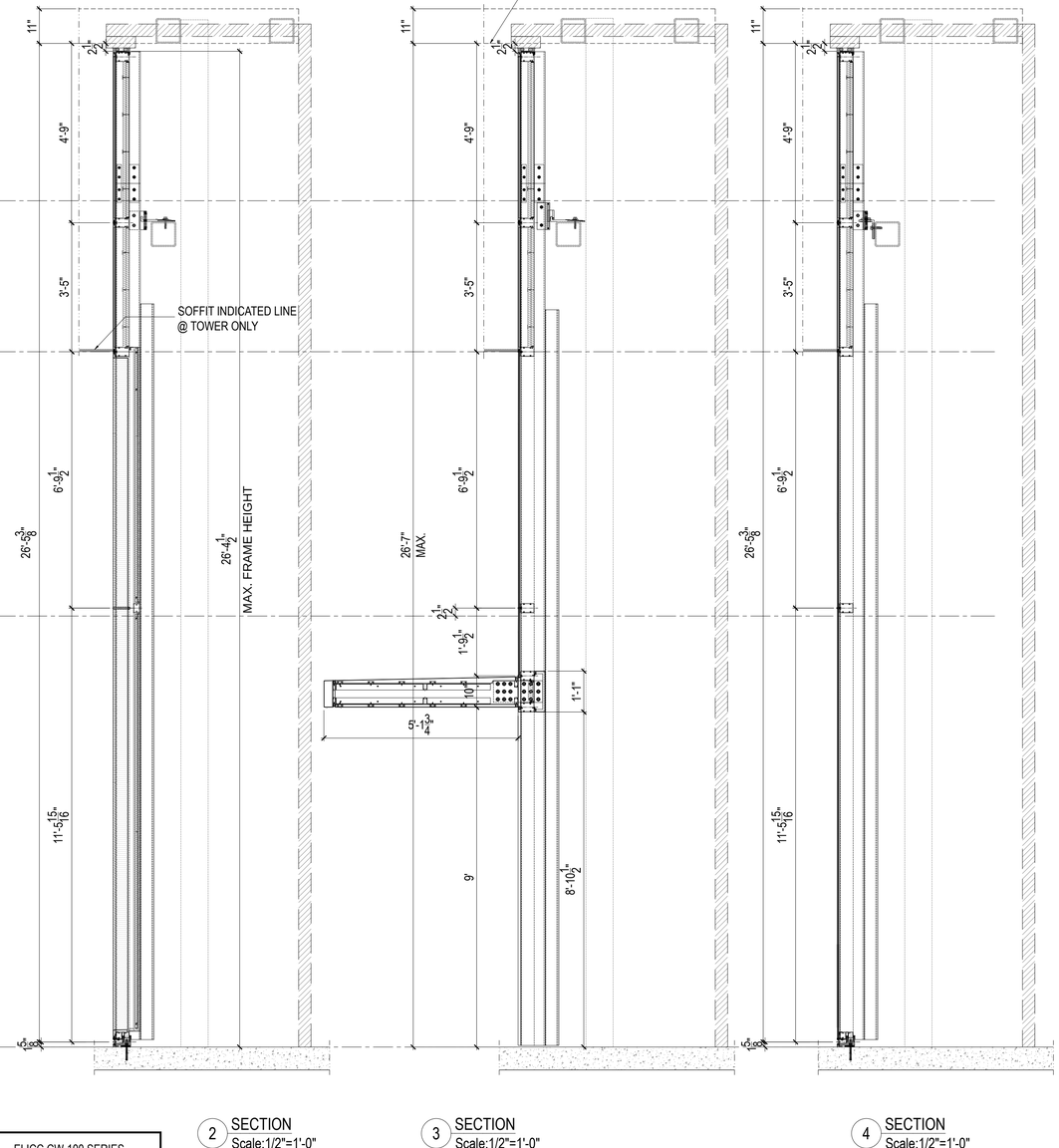
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Phase: Shop Drawing



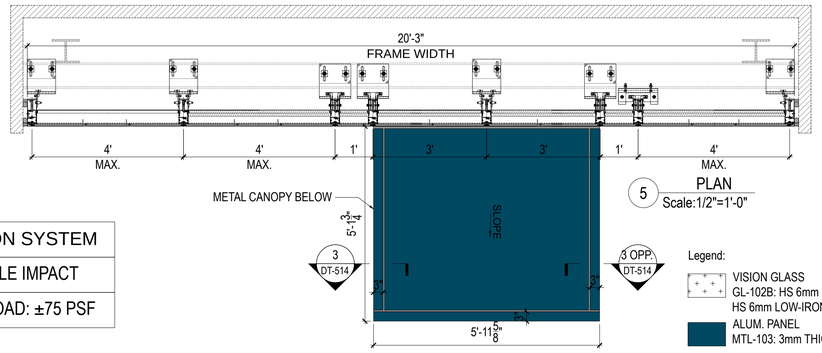
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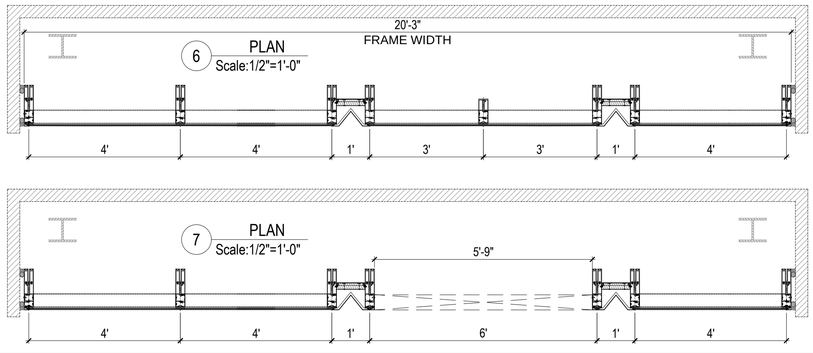
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3 SECTION
Scale:1/2"=1'-0"

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



5 PLAN
Scale:1/2"=1'-0"



6 PLAN
Scale:1/2"=1'-0"

7 PLAN
Scale:1/2"=1'-0"

DEEP MULLION SYSTEM
LEVEL D MISSILE IMPACT
DESIGN WIND LOAD: ±75 PSF

Legend:
- VISION GLASS
  GL-102B: HS 6mm LOW-IRON + 2.28mm SGP + HS 6mm LOW-IRON LAMINATED GLASS
- ALUM. PANEL
  MTL-103: 3mm THICK ALUMINUM PANEL; FINISH: NON-CHROMATE

ELICC CW-100 SERIES

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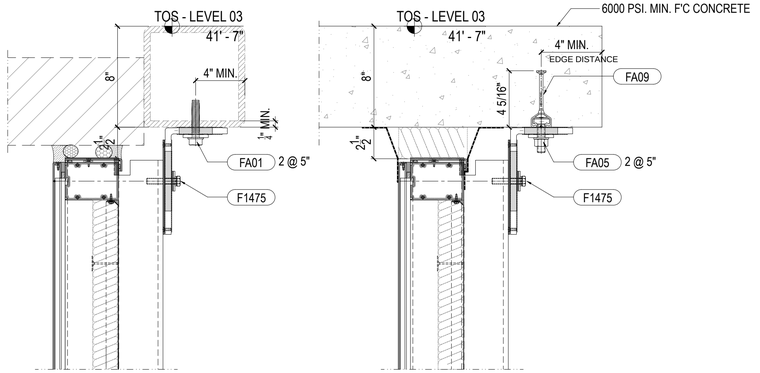
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Sheet No.: PE-102

Date: Feb. 04, 2024 | Revision No.: -

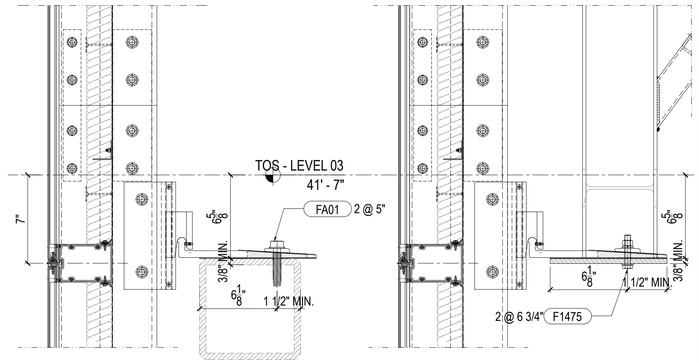
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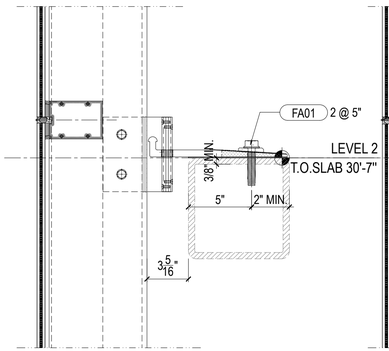
A1S E1 HEAD ON STEEL

A1F E1 HEAD ON SLAB EMBED

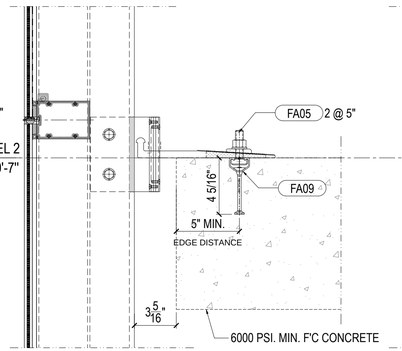


U2S E2 TOP ANCHOR

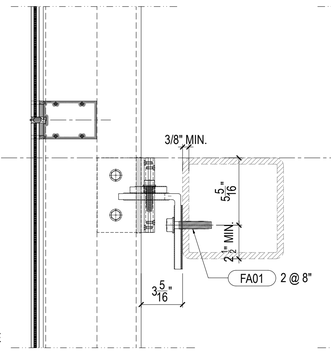
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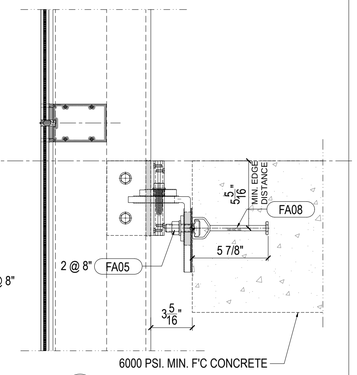
B1S E1 INTERMEDIATE ON STEEL



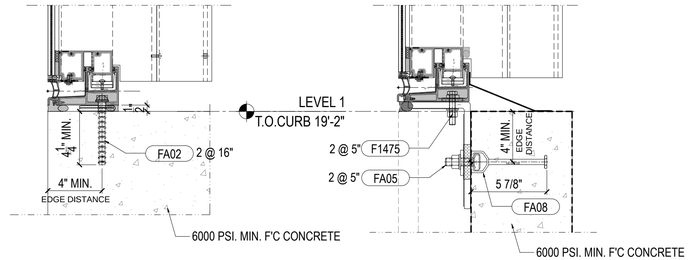
B1F E1 INTERMEDIATE ON CONCRETE



B2S E1 INTERMEDIATE ON STEEL

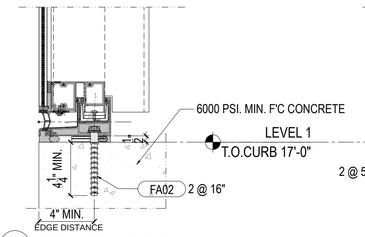


B2F E1 INTERMEDIATE ON CONCRETE

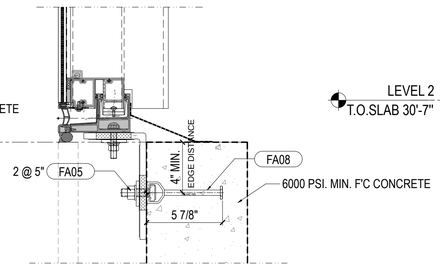


V2S E2 SILL ON CONCRETE

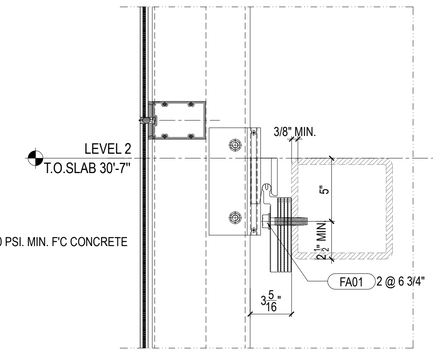
V2F E2 SILL ON CURB EMBED



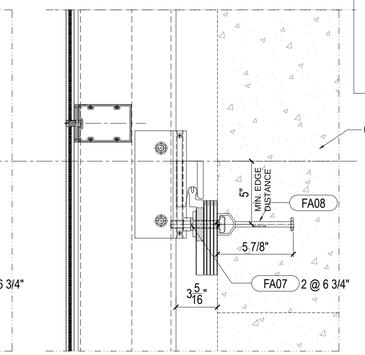
C1S E1 SILL ON CONCRETE



C1F E1 SILL ON CONCRETE



B3S E1 INTERMEDIATE ON STEEL



B3F E1 INTERMEDIATE ON CONCRETE

LIST OF FASTENERS

TAG	DESCRIPTION	GRADE	MATERIAL/FINISH
F1475	M12X60mm H.H. BOLT (FULL THREAD) W/ FLAT WASHER SPRING WASHER AND NUT	S.S. 316	Material:Stainless steel
FA01	5/8"-11X3" TAP-FLEX STRUCTURAL SCREWS	GRADE 5	Material:Alloy steel FINISH:Silver Stalgard ® SUB coating
FA02	KH-EZ 1/2"X6" CONCRETE SCREW ANCHOR MANUFACTURER: HILTI		Material:Carbon steel Finish:zinc-plated (min. 8 µm)
FA05	T-HEAD BOLT W/ WASHER MANUFACTURER: HILTI TAG: HBC-C M16x60mm	GRADE:8.8	Material:Steel Grade 8.8 Finish:Hot dip galvanized 45 µm
FA07	T-HEAD BOLT W/ WASHER MANUFACTURER: HILTI TAG: HBC-C M16x100mm	GRADE:8.8	Material:Steel Grade 8.8 Finish:Hot dip galvanized 45 µm
FA08	Hilti ANCHOR CHANNEL HAC-V-60 F	GRADE:8.8	Material:Alloy steel Finish:Hot dip galvanized 45 µm
FA09	Hilti ANCHOR CHANNEL HAC-V-40 F	GRADE:8.8	Material:Alloy steel Finish:Hot dip galvanized 45 µm

ELICC CW-100 SERIES

FL #46137

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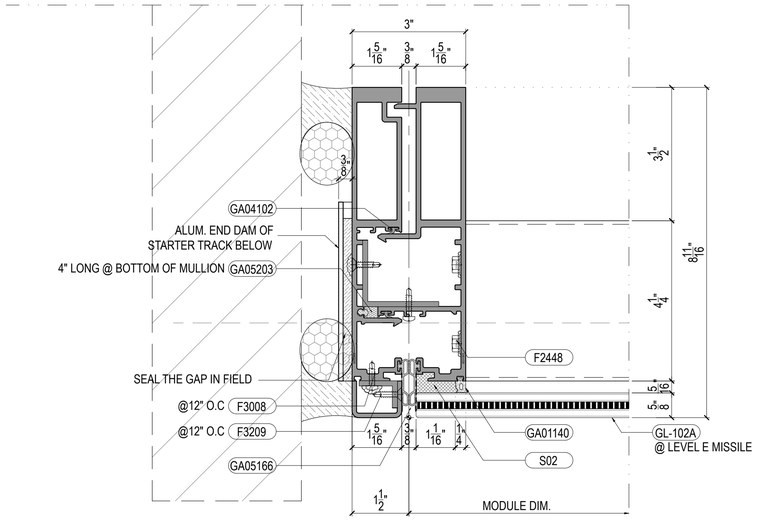
Design Team:

Title:
VERTICAL SECTION DETAIL

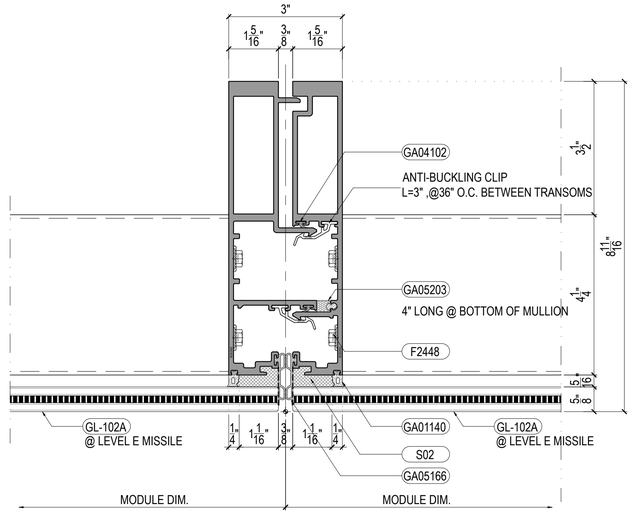
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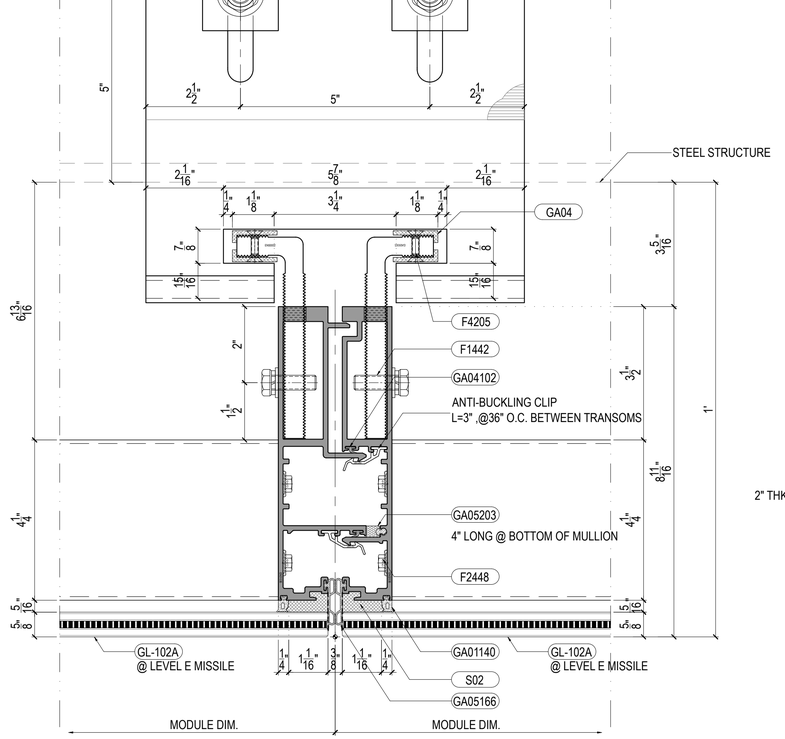
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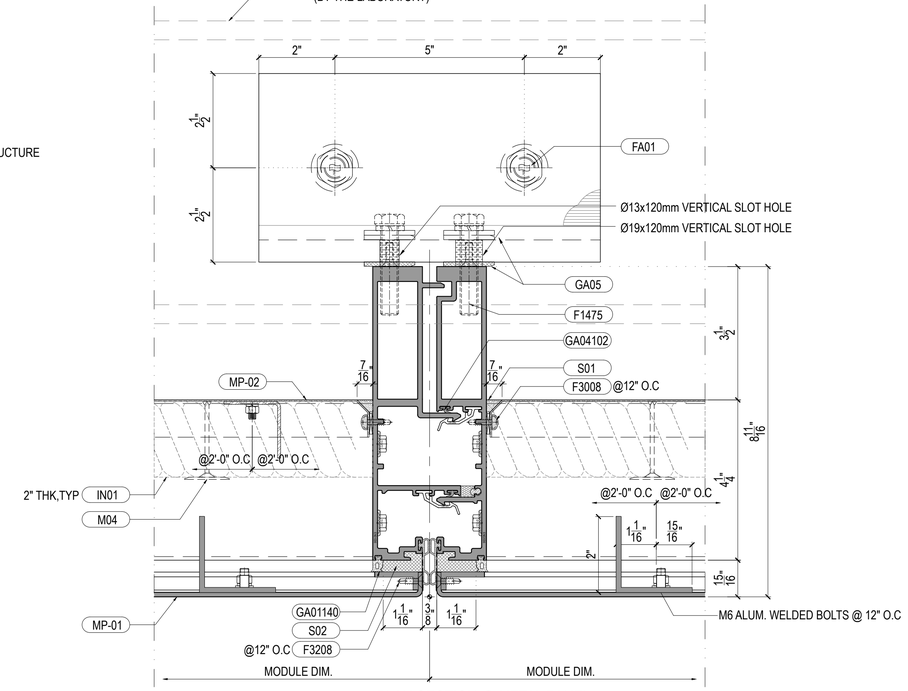
1 PLAN SECTION @ SIDE
Scale:6"=1'-0" FROM:PE-101 / PE-102



2 PLAN SECTION @ VISION GLASS
Scale:6"=1'-0" FROM:PE-101 / PE-102 / PE-102



3 PLAN SECTION @ VISION GLASS @ ANCHOR
Scale:6"=1'-0" FROM:PE-101



4 PLAN SECTION @ METAL PANEL
Scale:6"=1'-0" FROM:PE-101

No.	Date	Description
-	-	-

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Checked By:

Design Team:

ELICC CW-100 SERIES

FL #46137

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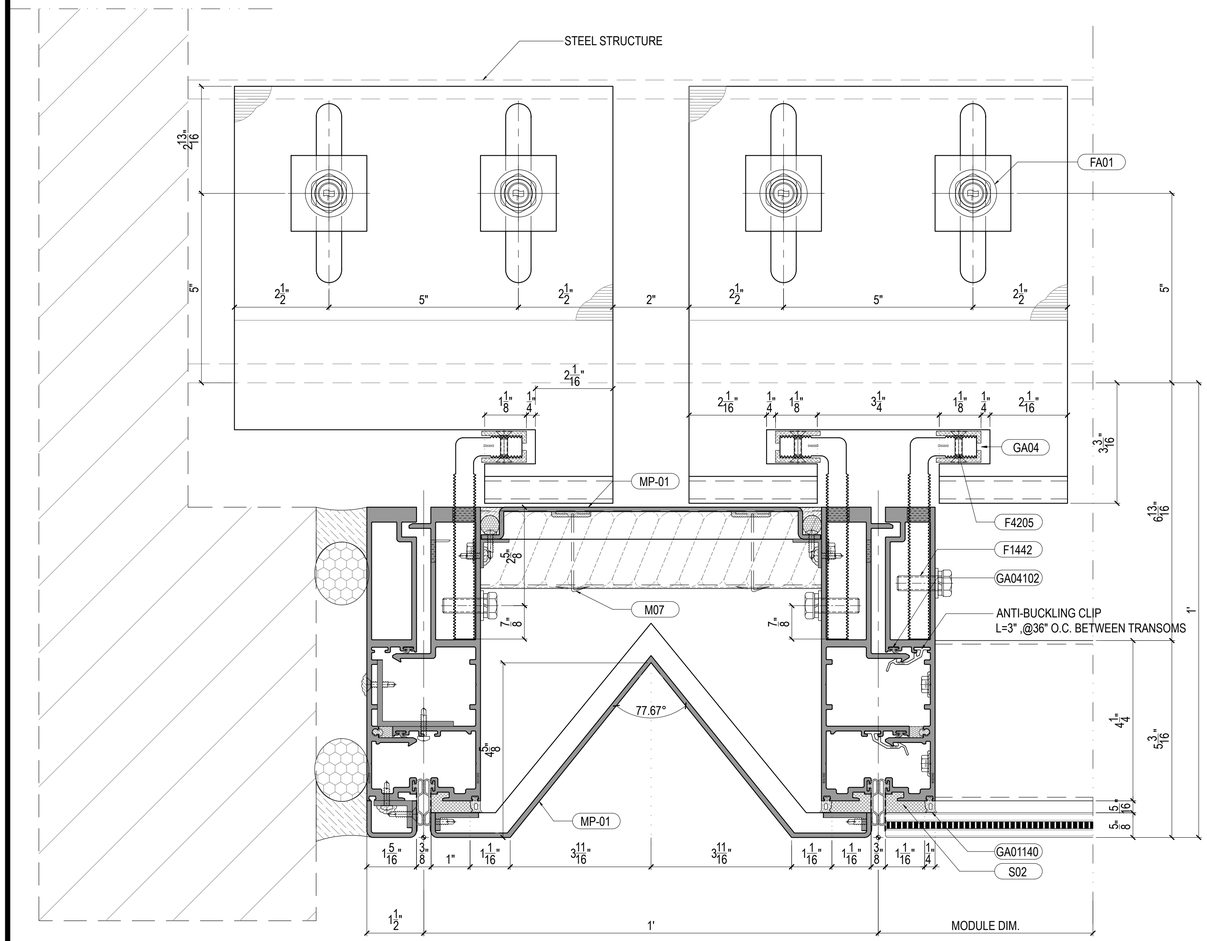
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HORIZONTAL SECTION DETAIL

Sheet No.: DT-501

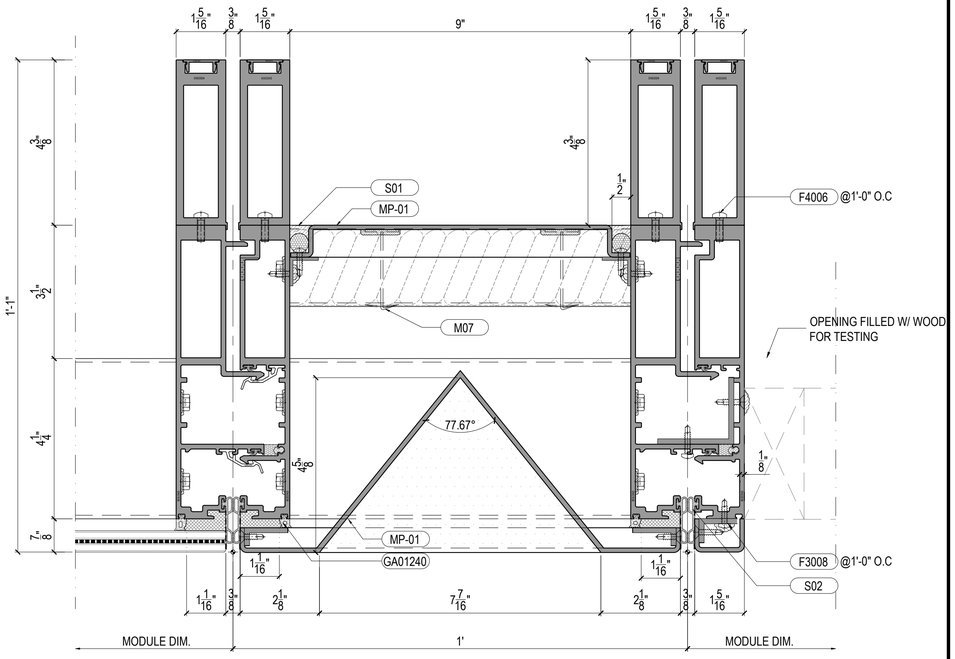
Date: Feb. 04, 2024	Revision No.: 1
Scale: 6"=1'-0"	Size: 22"x34"

Phase: Shop Drawing

02/08/2024



1 PLAN SECTION @ VISION GLASS / INFILL METAL PANEL
Scale:6"=1'-0" FROM:PE-101



2 PLAN SECTION @ VISION GLASS / INFILL METAL PANEL
Scale:6"=1'-0" FROM: PE-102

ELICC CW-100 SERIES

FL #46137

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Tel: (760)-233-0066
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Approved By:

Checked By:

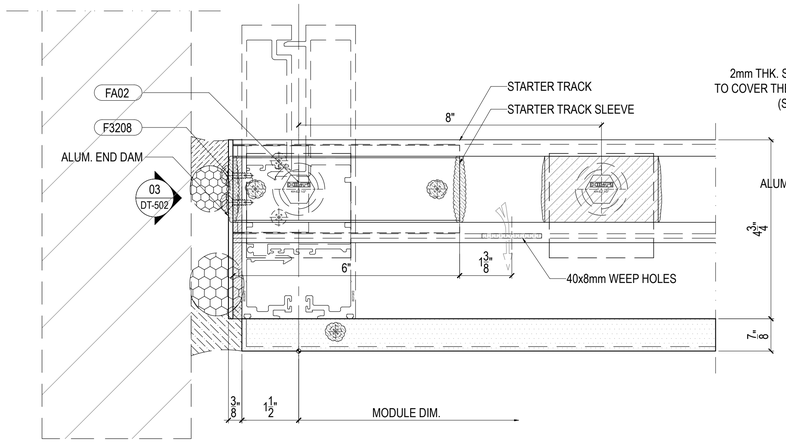
Design Team:

Title:
HORIZONTAL SECTION DETAIL

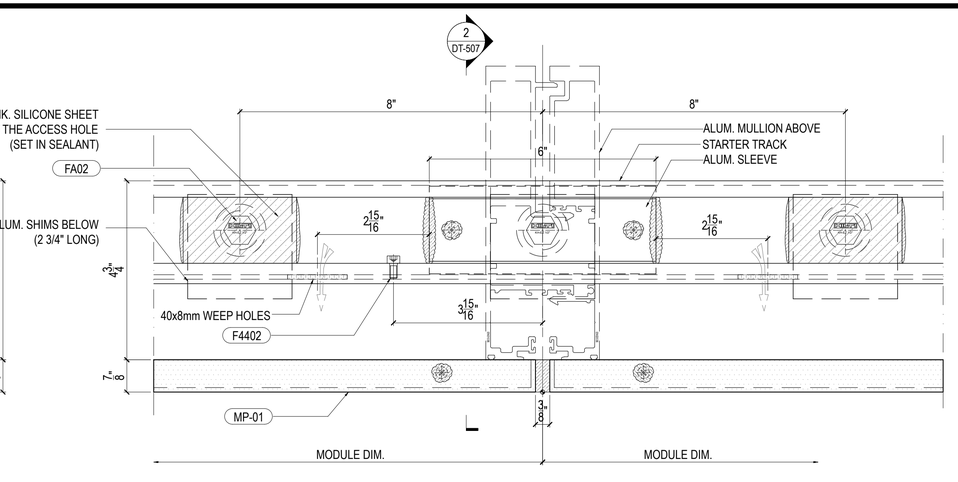
Sheet No.: DT-501B

Date: Feb. 04, 2024	Revision No.: -
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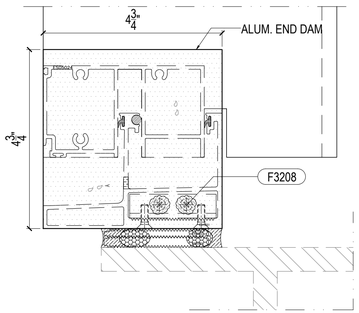
Phase: Shop Drawing



1 PLAN SECTION @ SIDE @ STARTER TRACK
Scale:6"=1'-0" FROM:PE-101/ DT-503

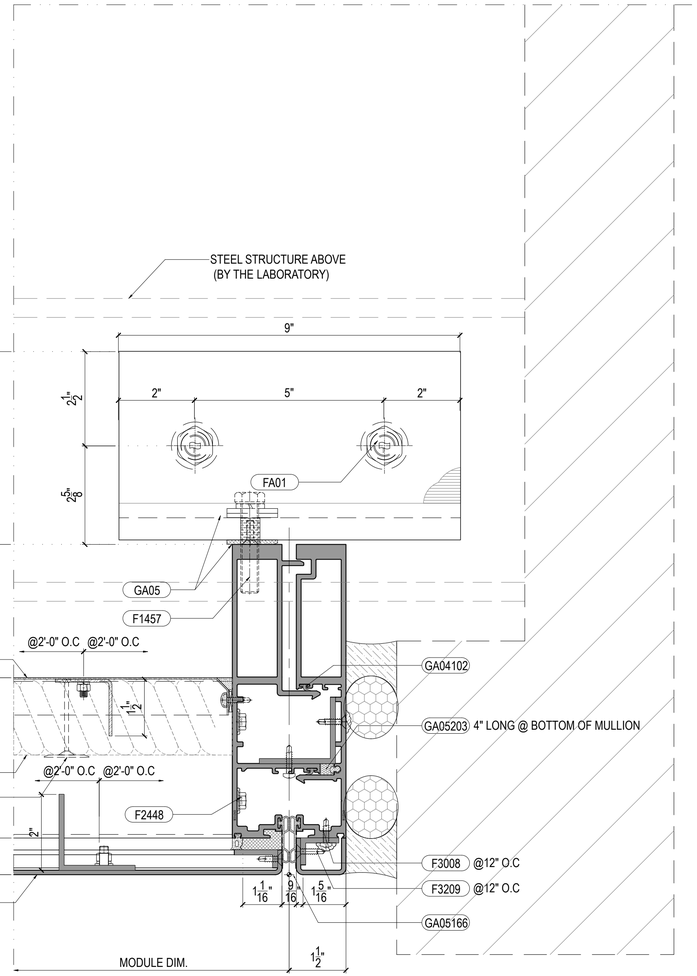


2 PLAN SECTION @ STARTER TRACK
Scale:6"=1'-0" FROM:PE-101/ DT-503



VIEW A
SCALE :6"=1'-0"

03 ALUM. END DAM OF STARTER TRACK
Scale:6"=1'-0"



4 PLAN SECTION @ SIDE @ ANCHOR
Scale:6"=1'-0" FROM:PE-101

No.	Date	Description
-	-	-

Revisions:

ELICC CW-100 SERIES

FL #46137

VERIFIED BY:
PAVAN MANEPALLI, P.E.
FLORIDA REGISTRATION
PE #71882

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Approved By:

Checked By:

Design Team:

Title:
HORIZONTAL SECTION DETAIL

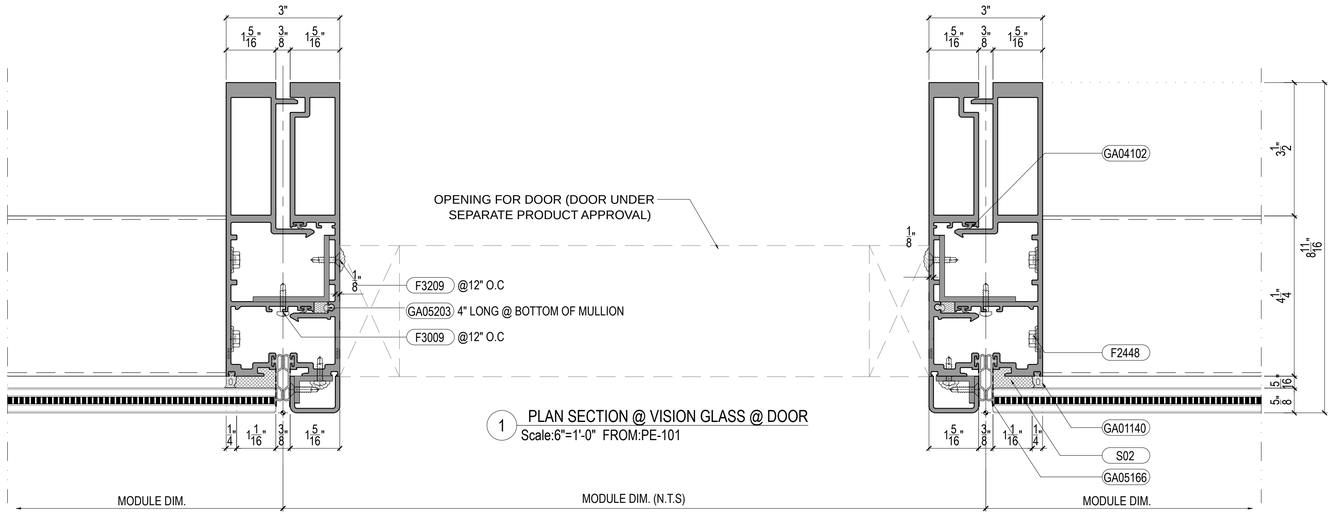
Sheet No.: DT-502

Date: Feb. 04, 2024 | Revision No.: 1

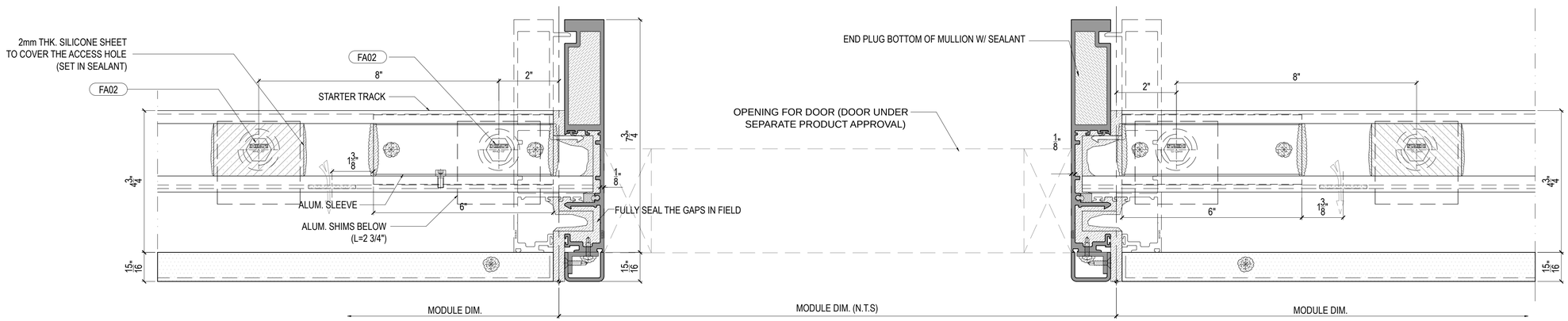
Scale: 6"=1'-0" | Size: 22"x34"

Phase: Shop Drawing

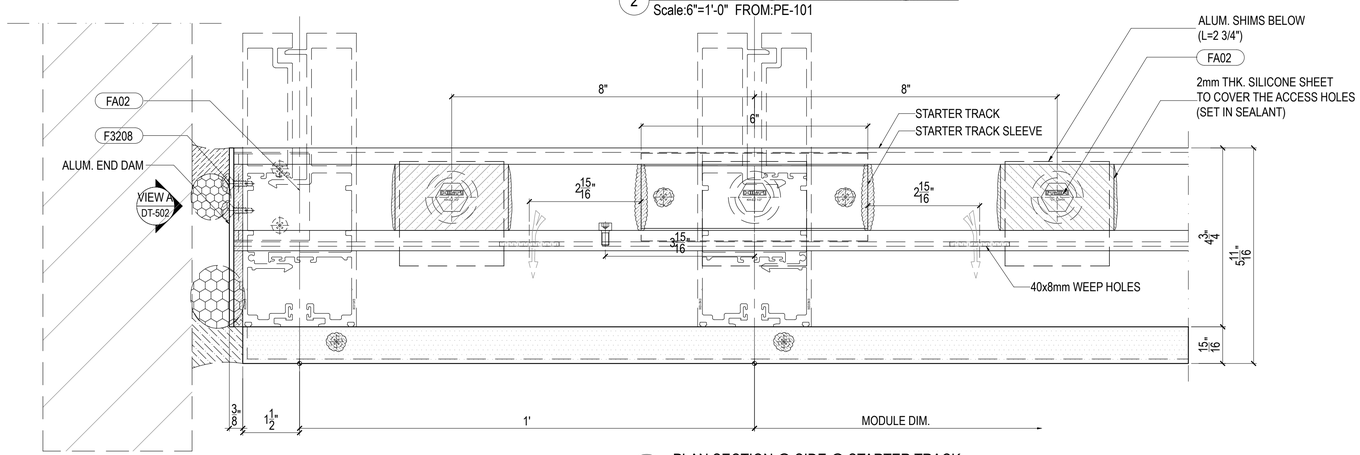
02/08/2024



1 PLAN SECTION @ VISION GLASS @ DOOR
Scale:6"=1'-0" FROM:PE-101



2 PLAN SECTION @ STARTER TRACK @ DOOR
Scale:6"=1'-0" FROM:PE-101



3 PLAN SECTION @ SIDE @ STARTER TRACK
Scale:6"=1'-0" FROM:PE-101/ DT-503

No.	Date	Description
-	-	-

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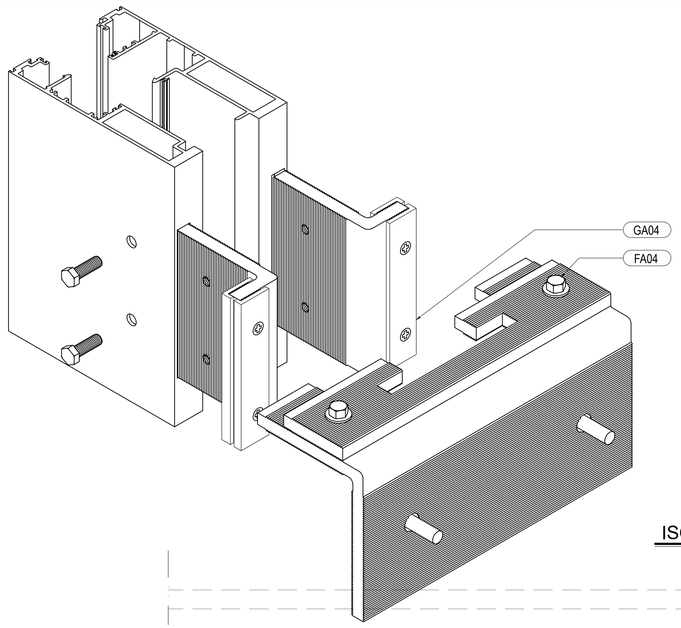
02/08/2024

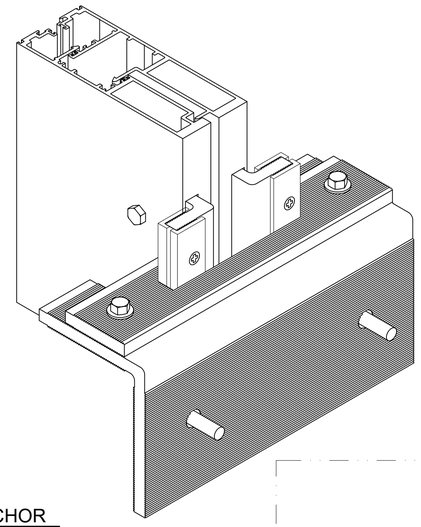
Title:
HORIZONTAL SECTION DETAIL

Sheet No.: DT-503

Date: Feb. 04, 2024	Revision No.: -
Scale: 6"=1'-0"	Size: 22"x34"

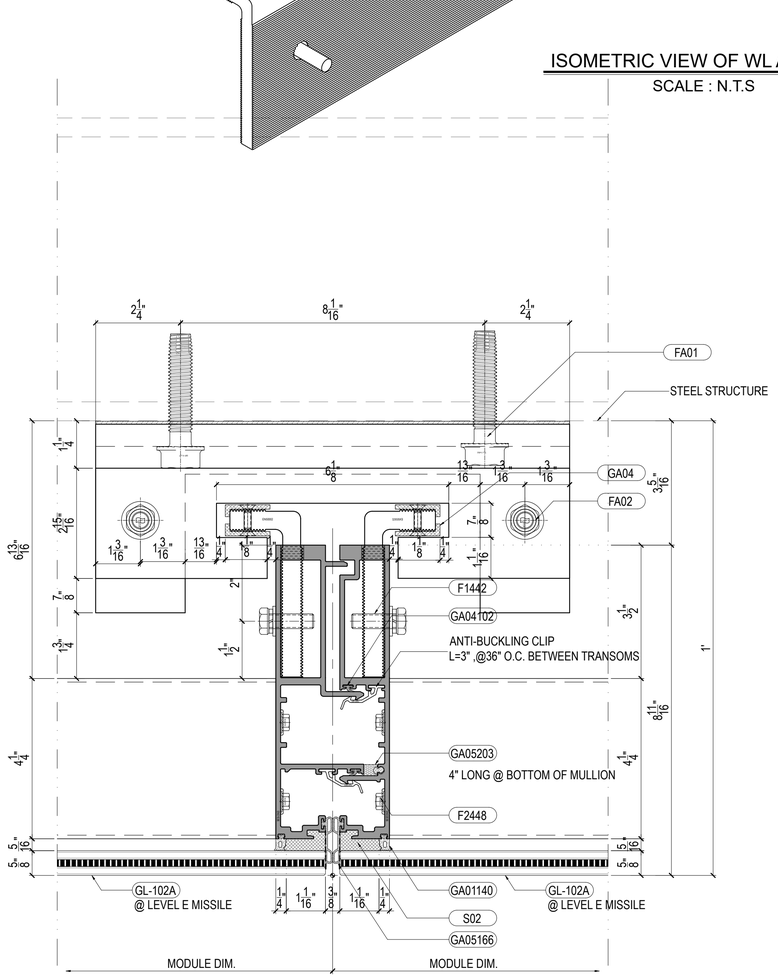
Phase: Shop Drawing





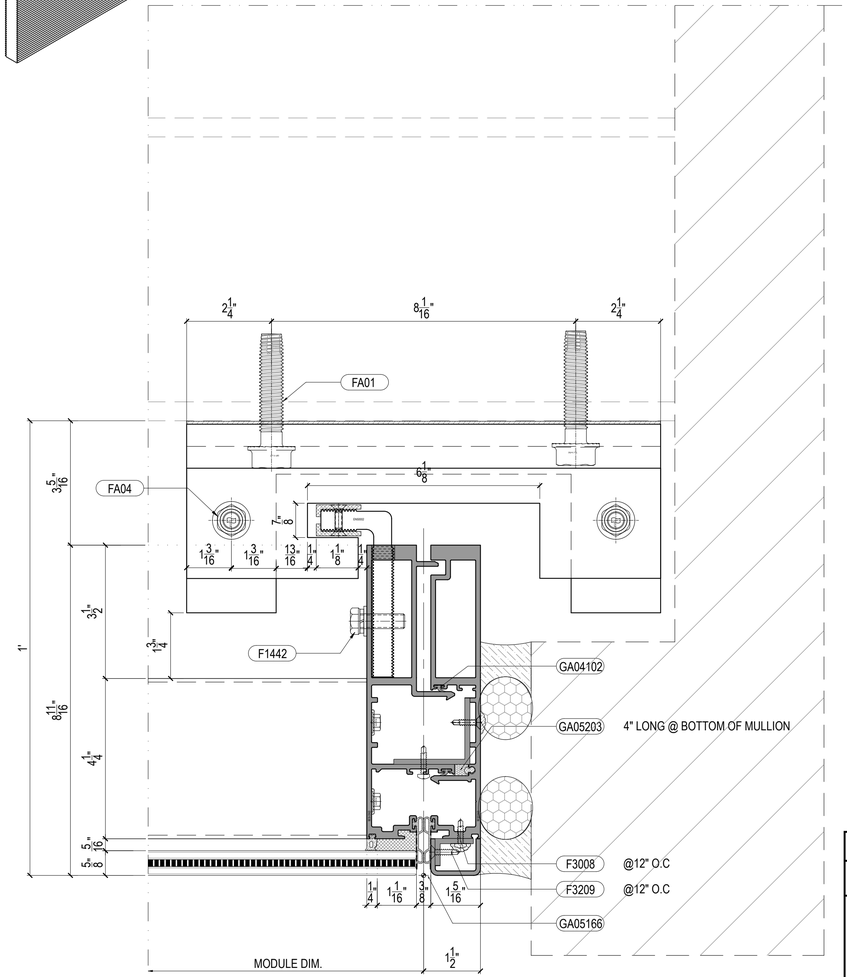
ISOMETRIC VIEW OF WL ANCHOR

SCALE : N.T.S



1 PLAN SECTION @ VISION GLASS @ ANCHOR

Scale:6"=1'-0" FROM:PE-101



2 PLAN SECTION @ SIDE @ ANCHOR

Scale:6"=1'-0" FROM:PE-101

No.	Date	Description
-	-	-

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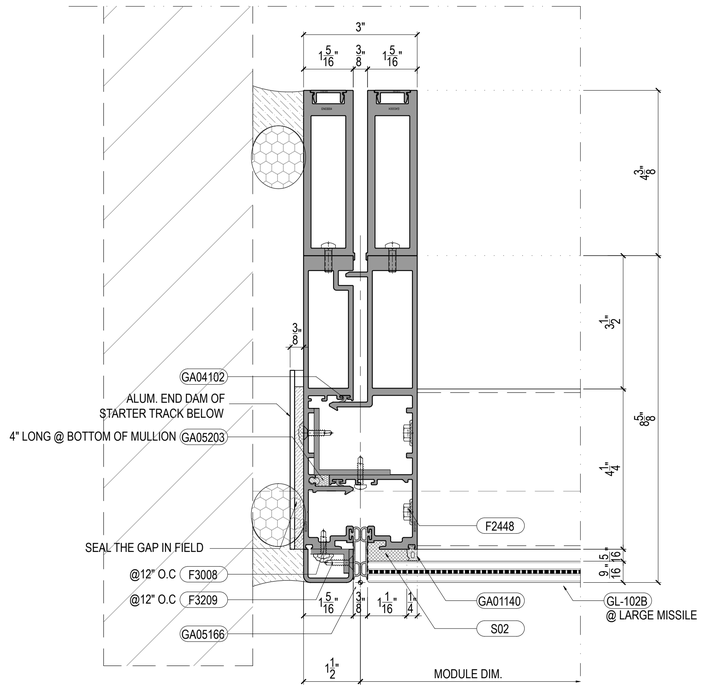
02/08/2024

Title:
HORIZONTAL SECTION DETAIL

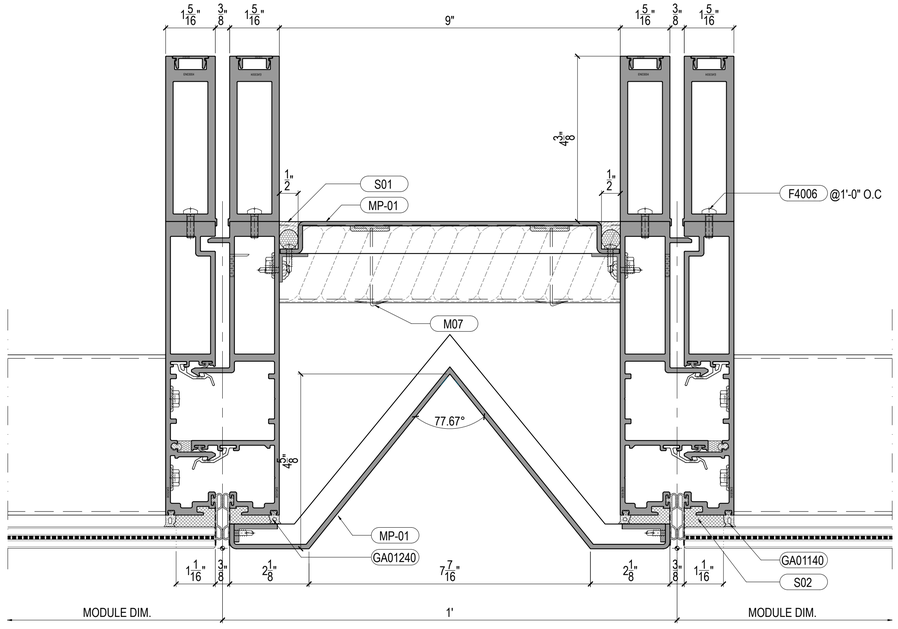
Sheet No.: DT-504

Date: Feb. 04, 2024	Revision No.: 1
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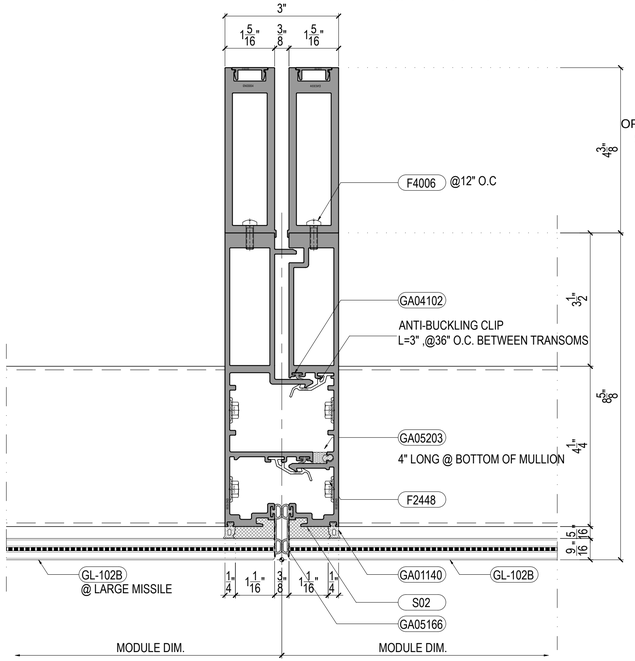
Phase: Shop Drawing



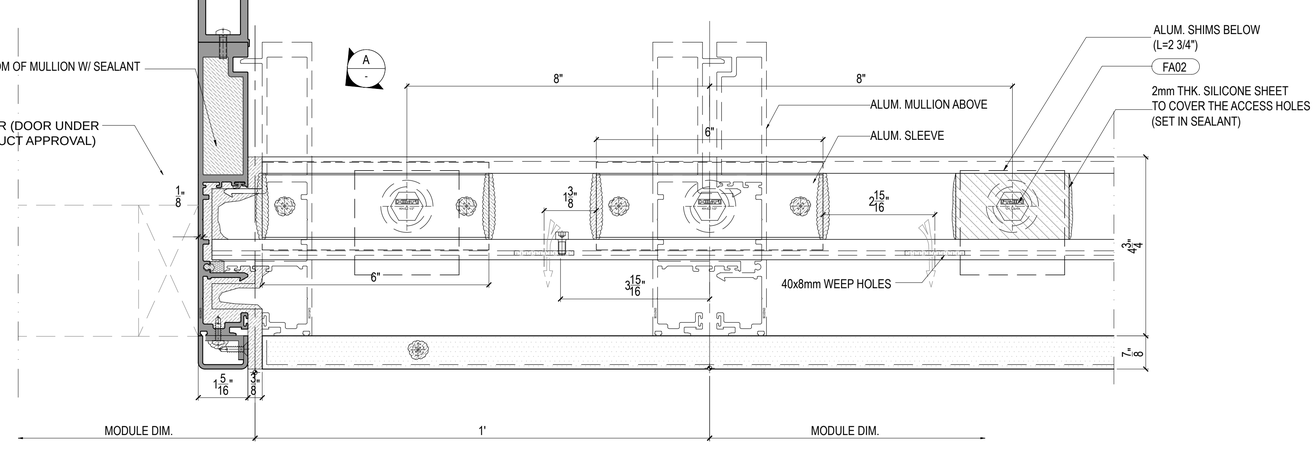
1 PLAN SECTION @ SIDE
Scale:6"=1'-0" FROM:PE-102

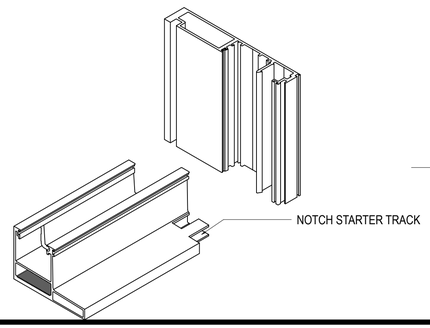


3 PLAN SECTION @ VISION GLASS / INFILL METAL PANEL
Scale:6"=1'-0" FROM:PE-102

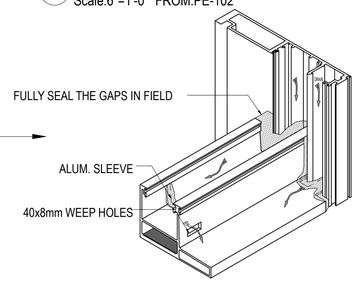


2 PLAN SECTION @ VISION GLASS
Scale:6"=1'-0" FROM:PE-102





4 PLAN SECTION @ STARTER TRACK @ DOOR
Scale:6"=1'-0" FROM:PE-102



A ISOMETRIC VIEW OF STRATER
Scale:6"=1'-0" FROM:PE-102

No.	Date	Description
-	-	-

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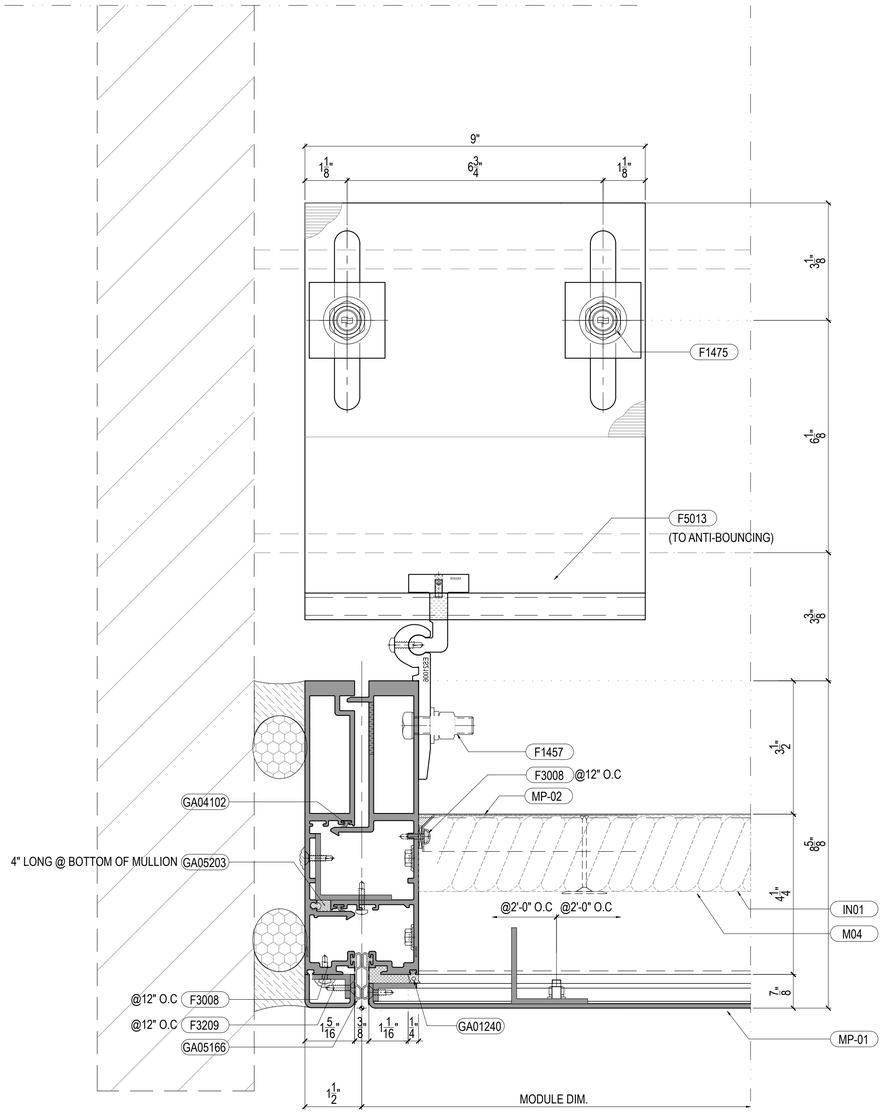
Title:
HORIZONTAL SECTION DETAIL

Sheet No.: DT-505

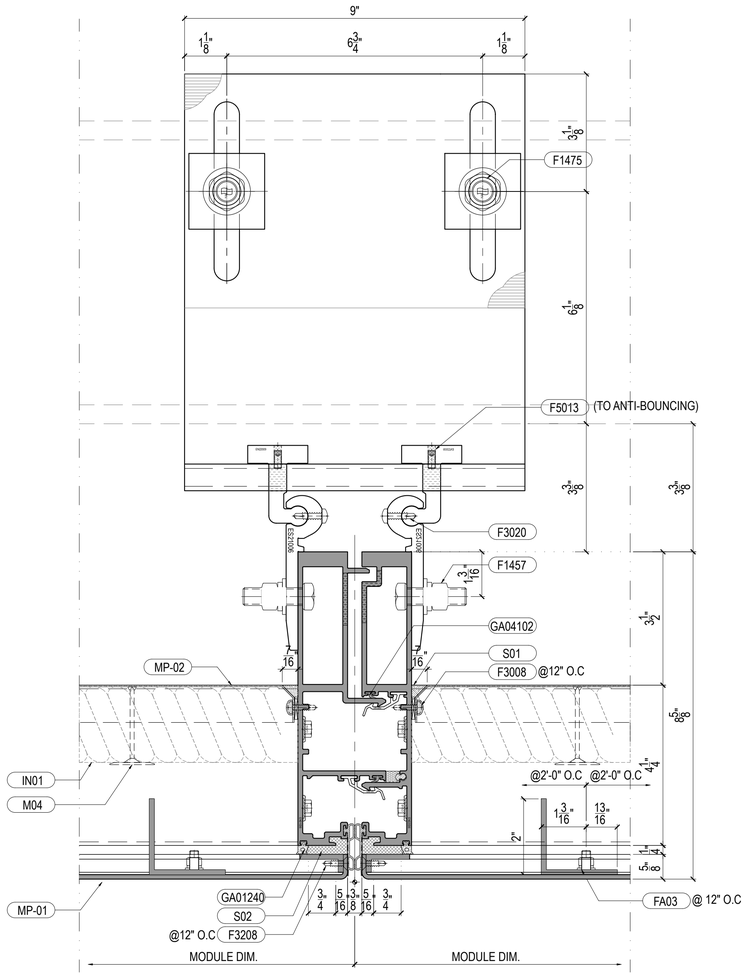
Date: Feb. 04, 2024	Revision No.: -
Scale: 6"=1'-0"	Size: 22"x34"

Phase: Shop Drawing

02/08/2024



1 PLAN SECTION @ SIDE @ ANCHOR
Scale:6"=1'-0" FROM:PE-102



2 PLAN SECTION @ METAL PANEL
Scale:6"=1'-0" FROM:PE-102 / DT-511

No.	Date	Description
-	-	-

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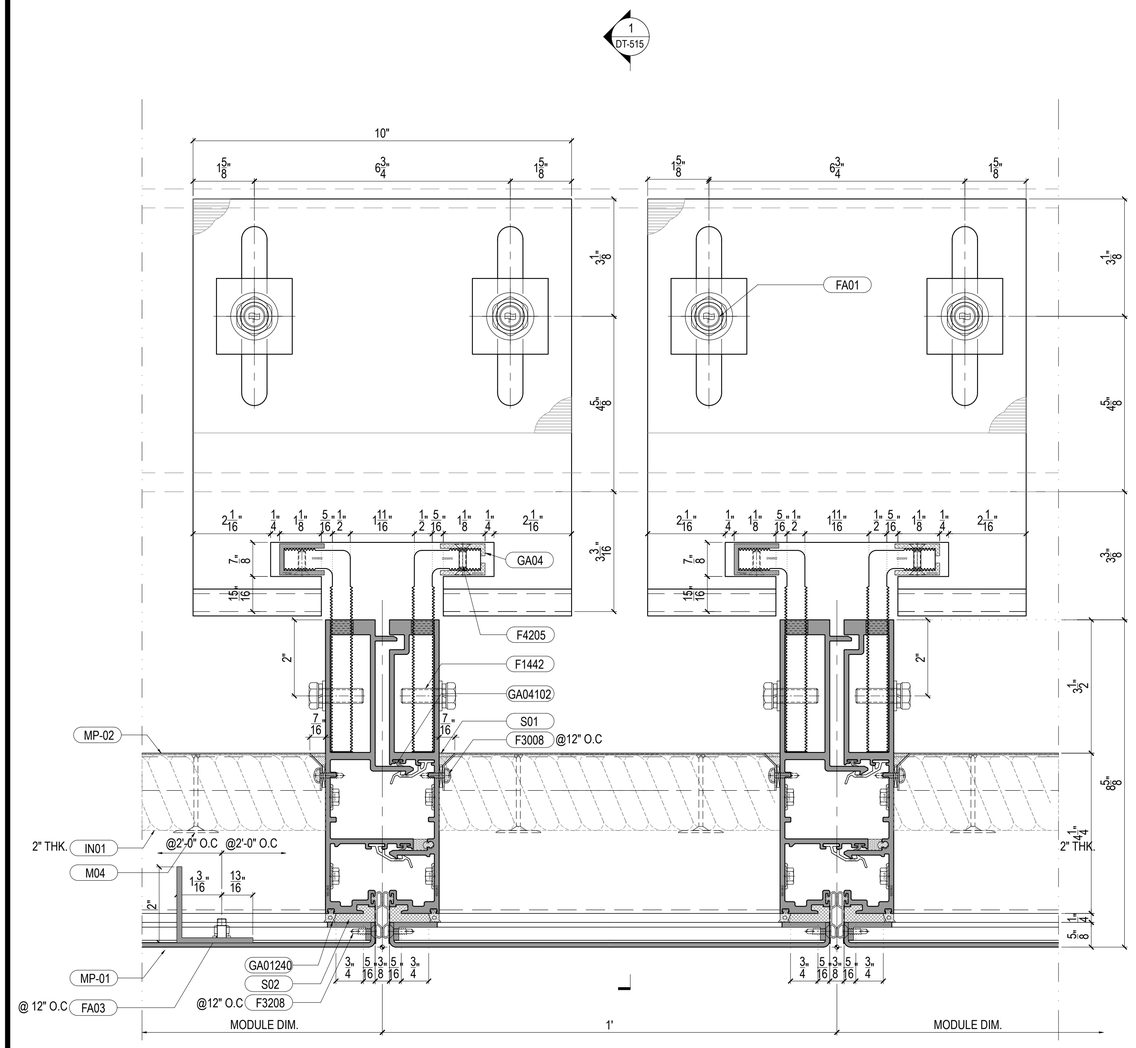
02/08/2024

Title:
HORIZONTAL SECTION DETAIL

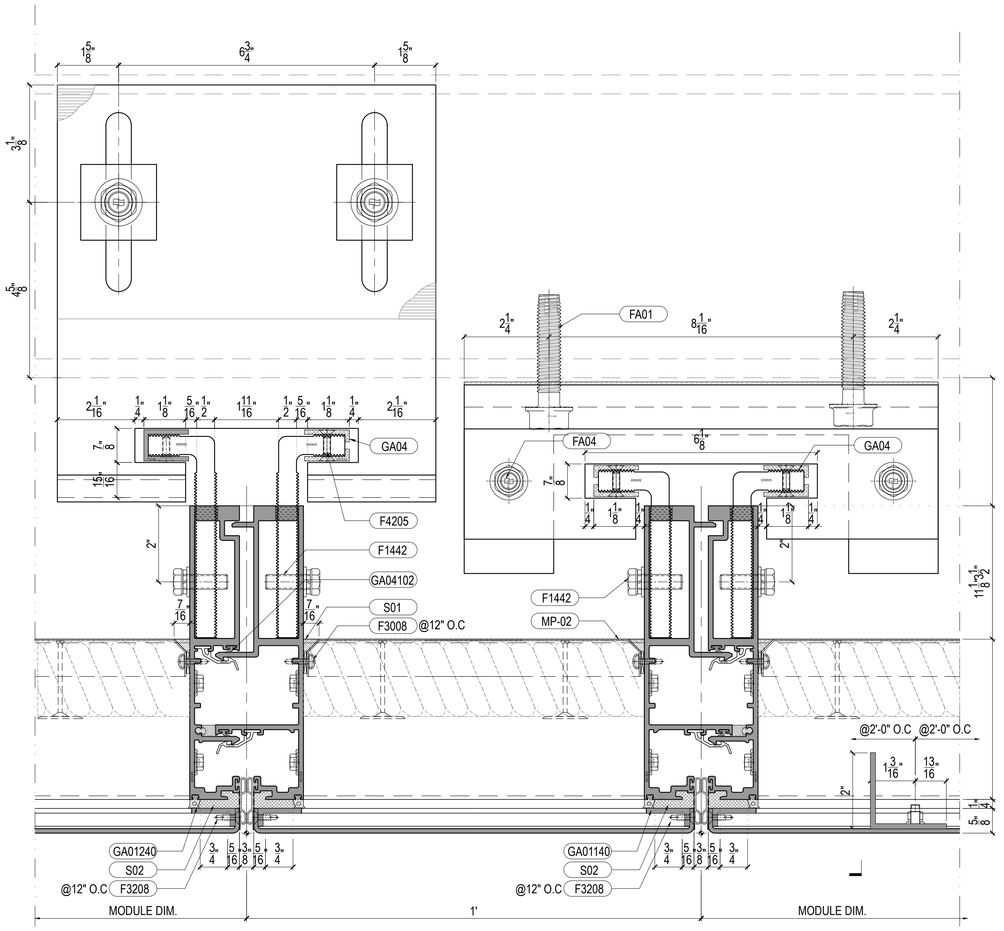
Sheet No.: DT-506

Date: Feb. 04, 2024	Revision No.: -
Scale: 6"=1'-0"	Size: 22"x34"

Phase: Shop Drawing



1 PLAN SECTION @ METAL PANEL
Scale:6"=1'-0" FROM:PE-102 / DT-515



2 PLAN SECTION @ METAL PANEL
Scale:6"=1'-0" FROM:PE-102 / DT-516

No.	Date	Description
-	-	-

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PE #71882

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Title:
HORIZONTAL SECTION DETAIL

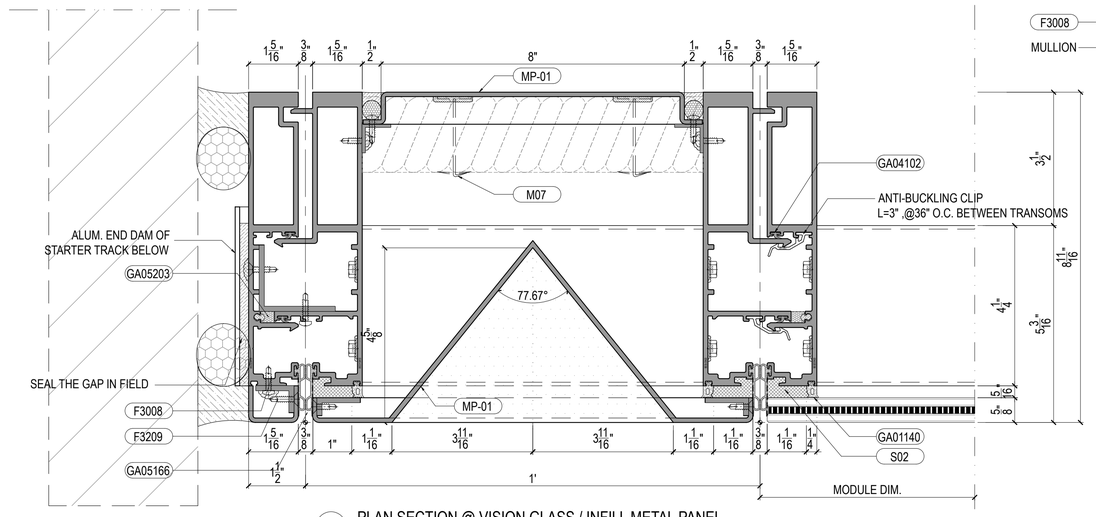
Sheet No.: DT-506B

Date: Feb. 04, 2024 | Revision No.: -

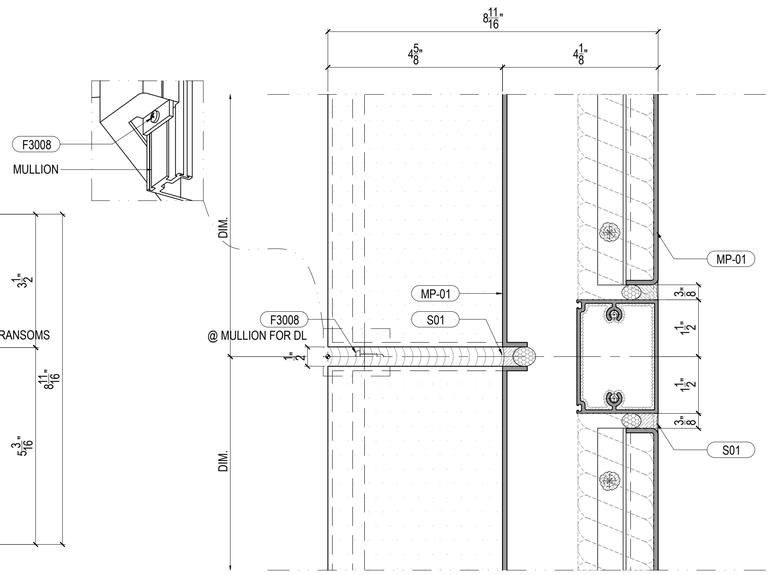
Scale: 6"=1'-0" | Size: 22"x34"

Phase: Shop Drawing

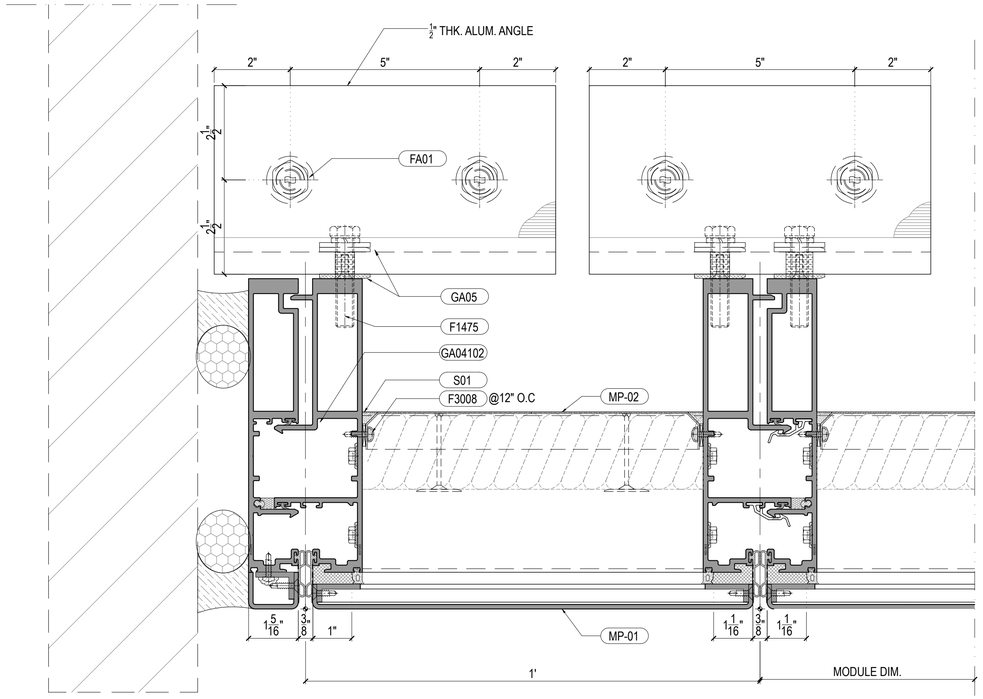
02/08/2024



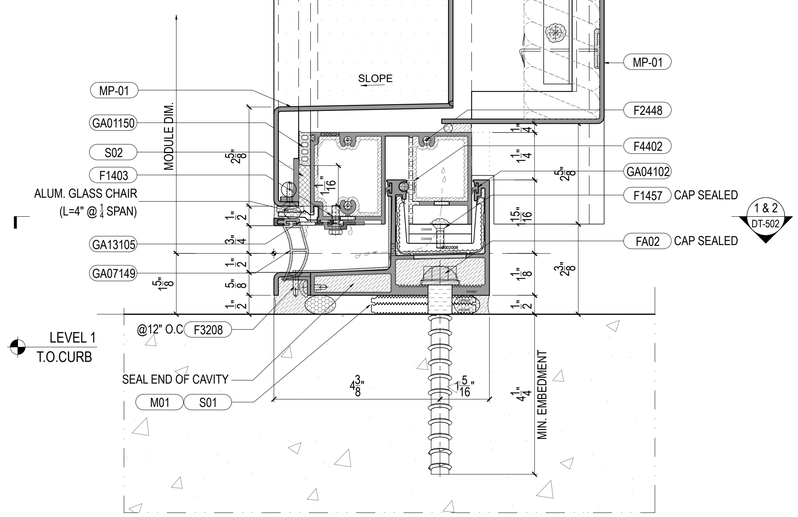
1 PLAN SECTION @ VISION GLASS / INFILL METAL PANEL
Scale:6"=1'-0" FROM:PE-101



3 VERTICAL SECTION @ INFILL METAL PANEL
Scale:6"=1'-0" FROM:PE-101



2 PLAN SECTION @ VISION GLASS / INFILL METAL PANEL
Scale:6"=1'-0" FROM:PE-101



4 VERTICAL SECTION @ INFILL METAL PANEL
Scale:6"=1'-0" FROM:PE-101

No.	Date	Description
-	-	-

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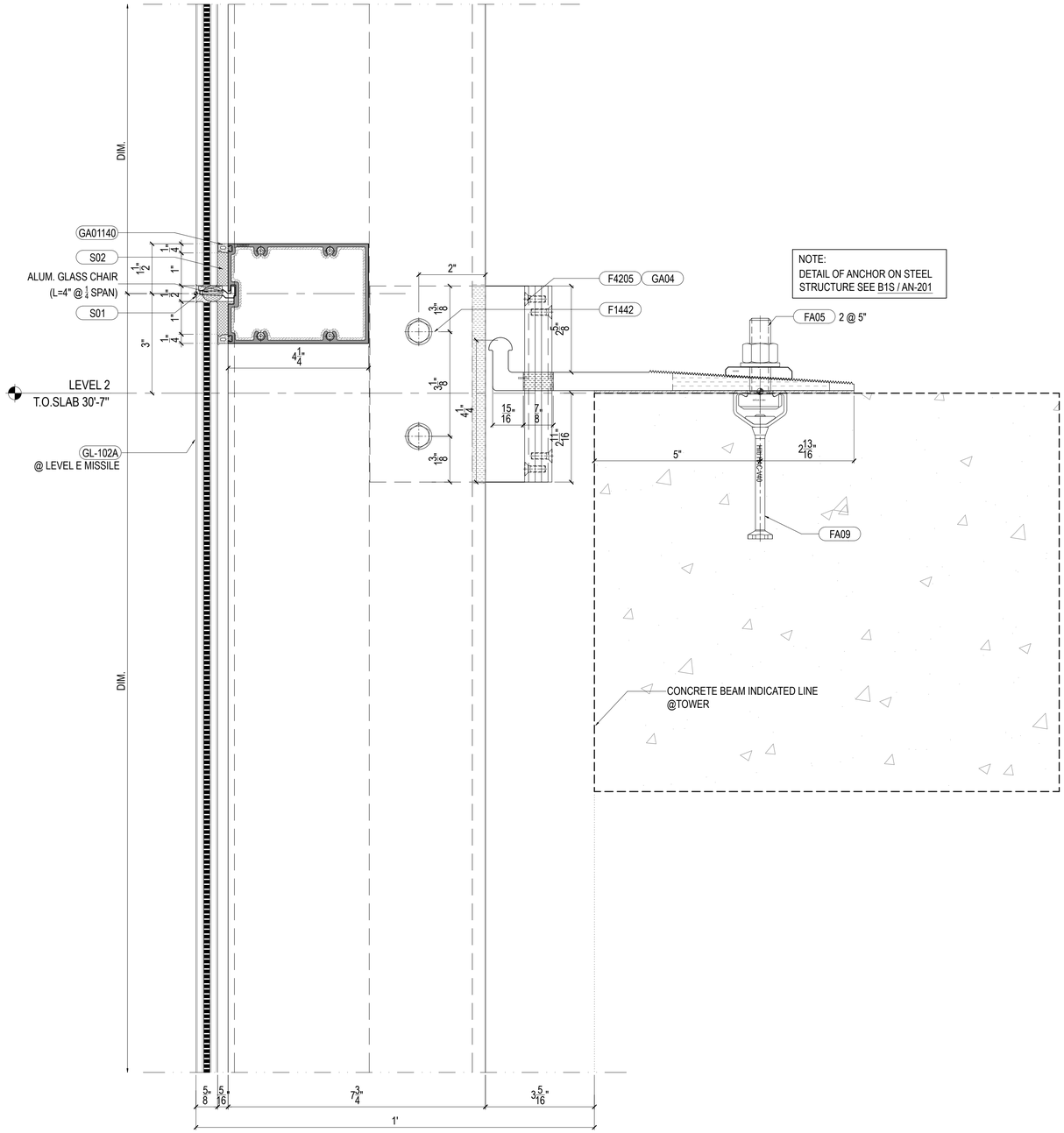
Title:
HORIZONTAL SECTION DETAIL

Sheet No.: DT-506C

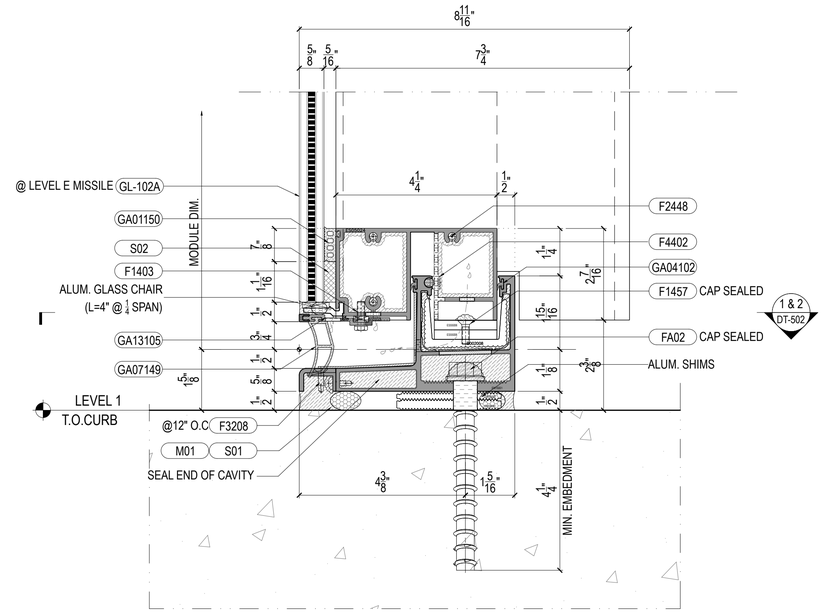
Date: Feb. 04, 2024	Revision No.: -
Scale: 6"=1'-0"	Size: 22"x34"

Phase: Shop Drawing

02/08/2024



1 VERTICAL SECTION @ INTERMEDIATE TRANSOM
Scale:6"=1'-0" FROM:PE-101



2 VERTICAL SECTION @ STARTER TRACK
Scale:6"=1'-0" FROM:PE-101 / PE-102 / PE-102

No.	Date	Description
-	-	-

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Title:
VERTICAL SECTION DETAIL

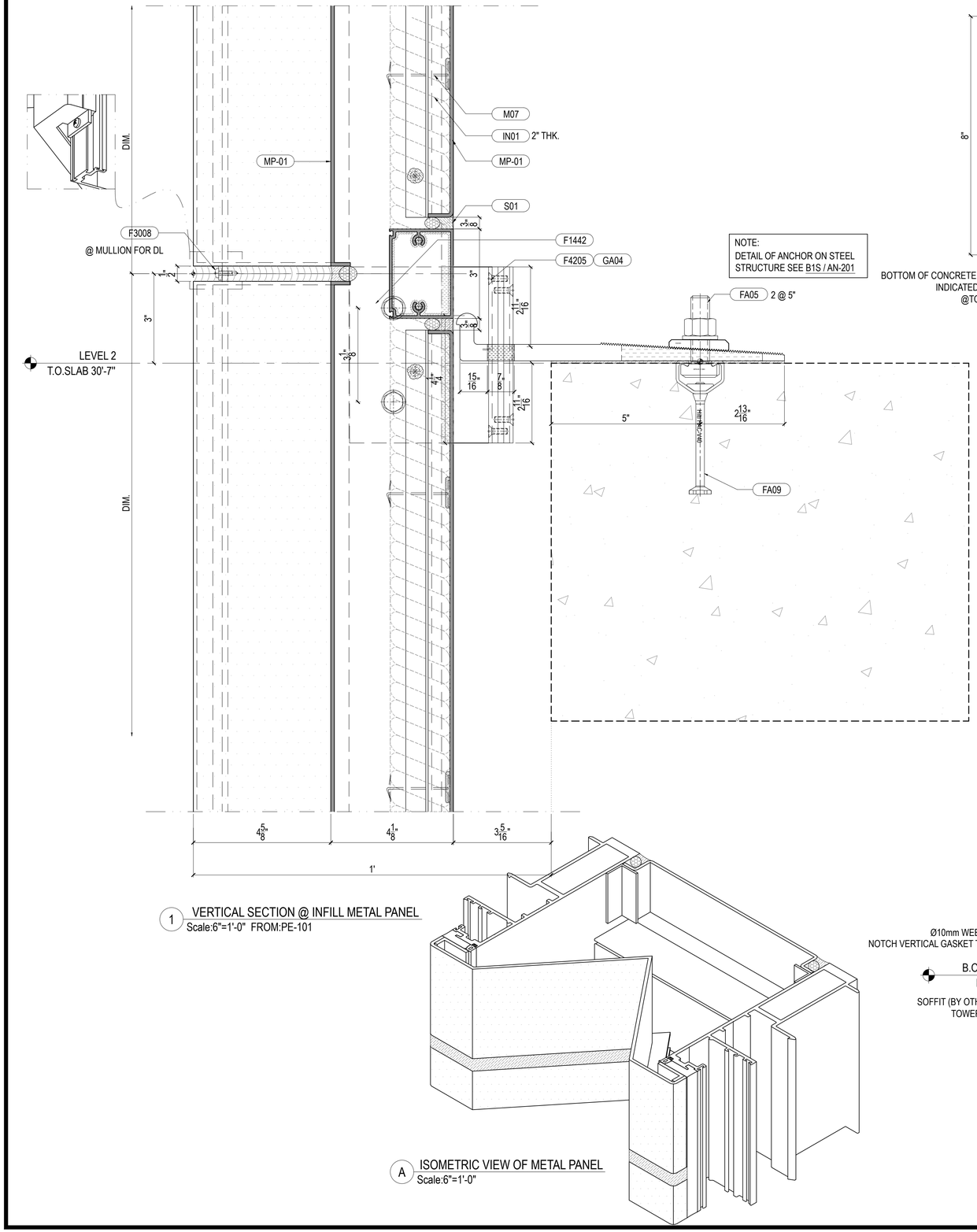
Sheet No.: DT-507

Date: Feb. 04, 2024 | Revision No.: 1

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

Phase: Shop Drawing

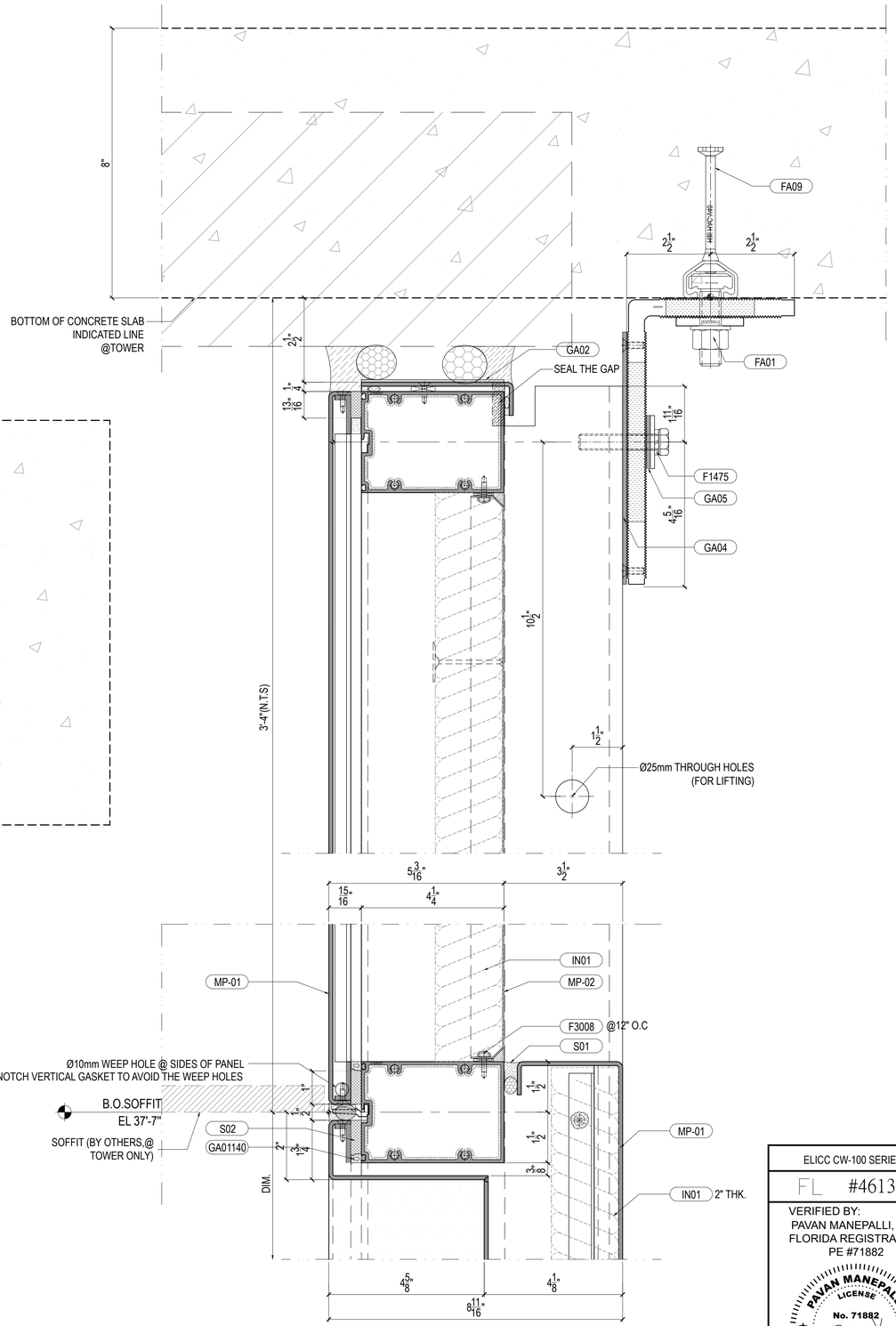
02/08/2024



1 VERTICAL SECTION @ INFILL METAL PANEL
Scale:6"=1'-0" FROM:PE-101

A ISOMETRIC VIEW OF METAL PANEL
Scale:6"=1'-0"

NOTE:
DETAIL OF ANCHOR ON STEEL STRUCTURE SEE B1S / AN-201



2 VERTICAL SECTION @ METAL PANEL
Scale:6"=1'-0" FROM:PE-101

No.	Date	Description
-	-	-

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Checked By:

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FLORIDA REGISTRATION
PE #71882

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Title:
VERTICAL SECTION DETAIL

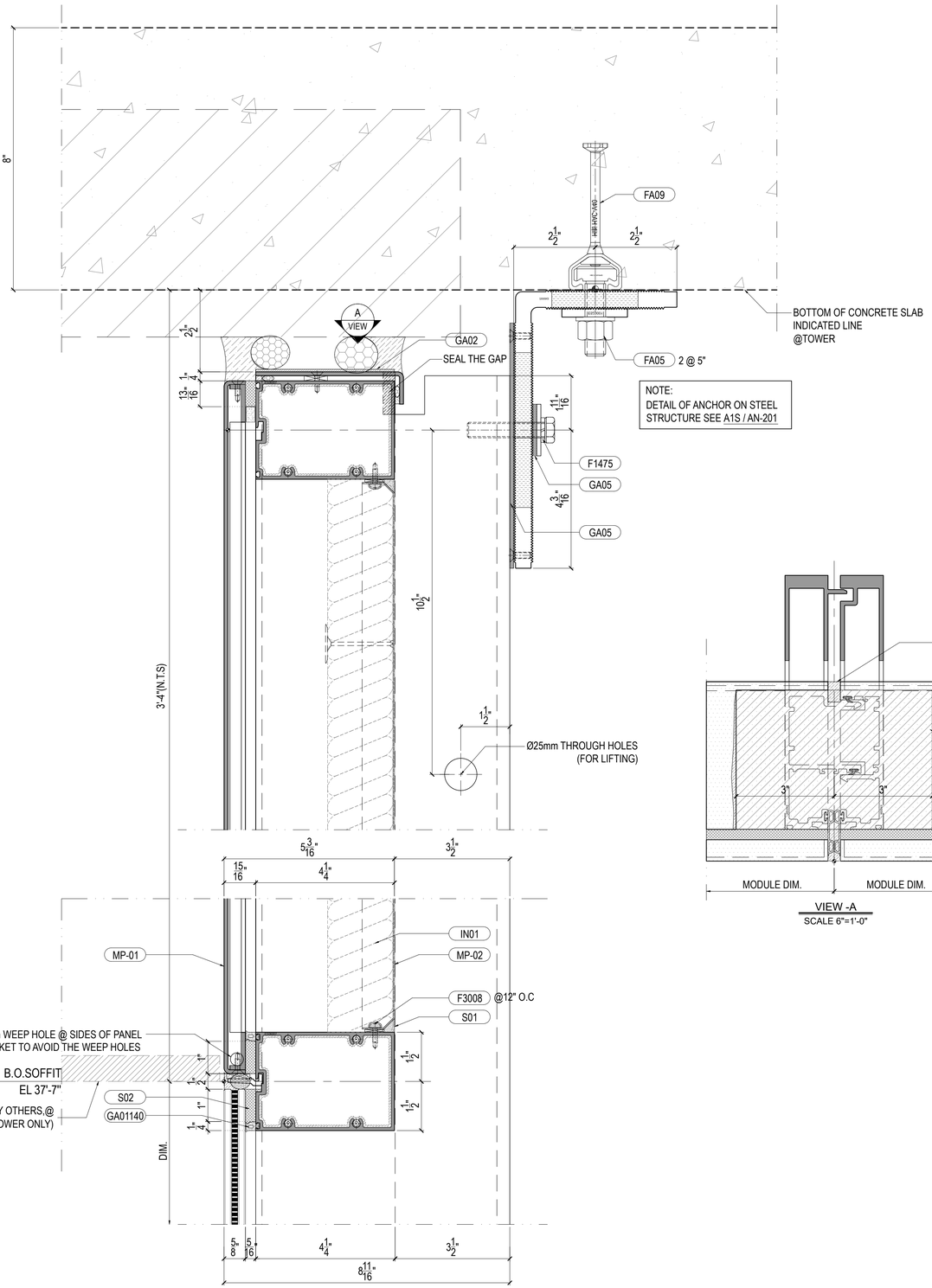
Sheet No.: DT-507B

Date: Feb. 04, 2024 | Revision No.: -

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

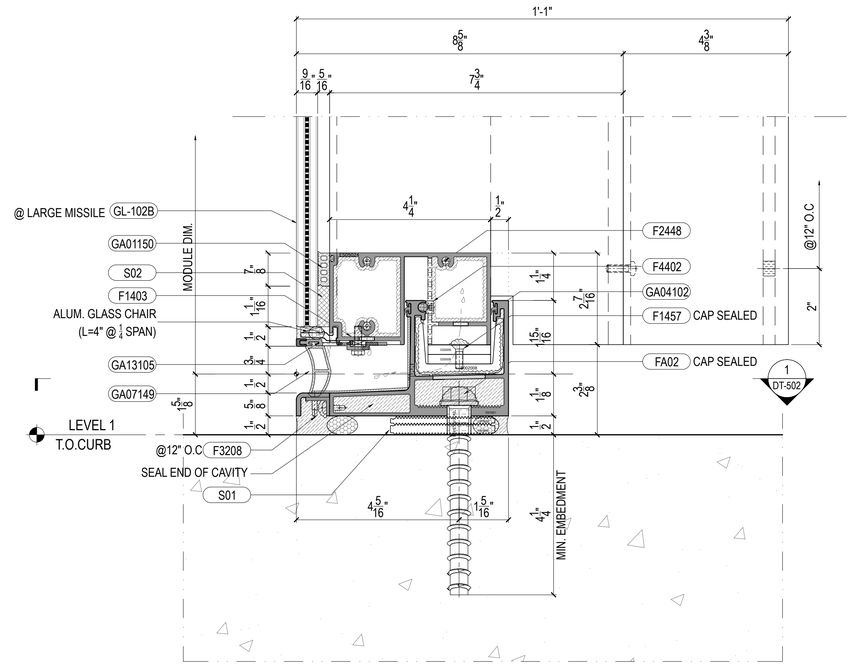
Phase: Shop Drawing

02/08/2024



1 VERTICAL SECTION @ METAL PANEL
Scale:6"=1'-0" FROM:PE-101

VIEW -A
SCALE 6"=1'-0"



2 VERTICAL SECTION @ STARTER TRACK
Scale:6"=1'-0" FROM:PE-102

No.	Date	Description
-	-	-

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Checked By:

Design Team:

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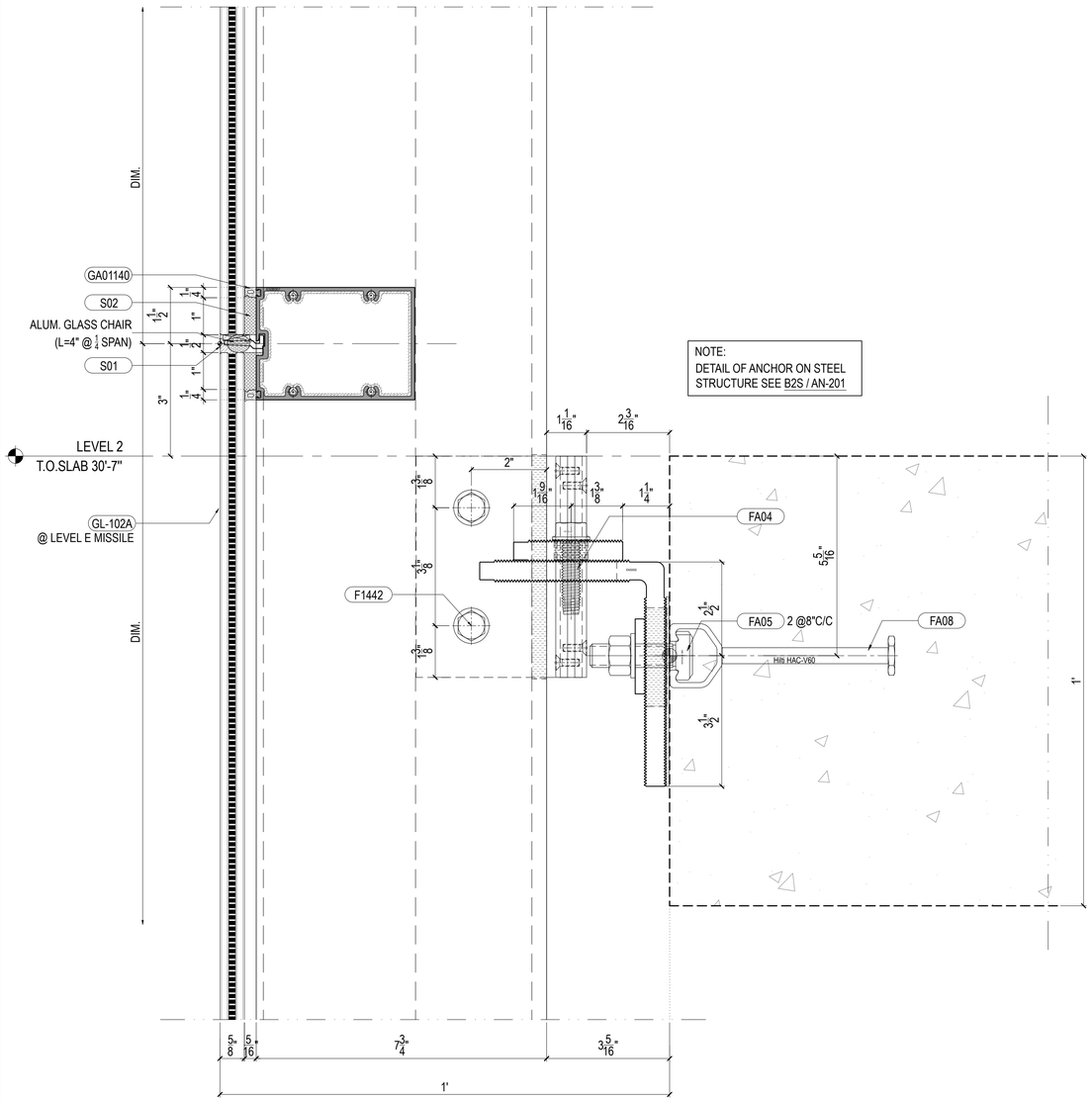
Title:
VERTICAL SECTION DETAIL

Sheet No.: DT-508

Date: Feb. 04, 2024	Revision No.: -
Scale: 6"=1'-0"	Size: 22"x34"

Phase: Shop Drawing

02/08/2024



1 VERTICAL SECTION @ INTERMEDIATE TRANSOM
Scale:6"=1'-0" FROM:PE-101

No.	Date	Description
-	-	-

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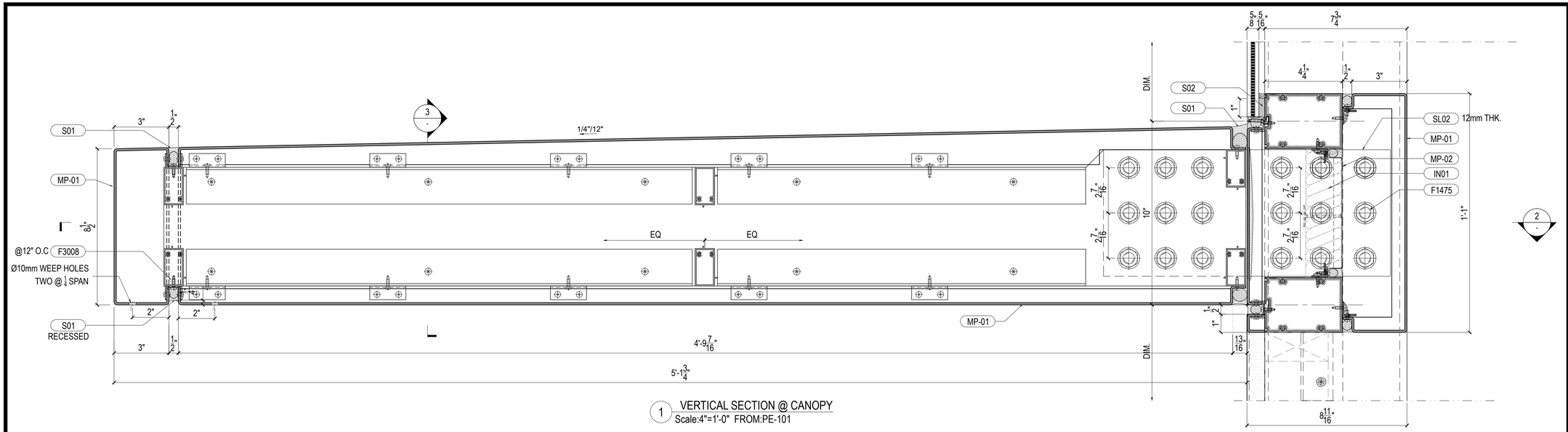
02/08/2024

Title:
VERTICAL SECTION DETAIL

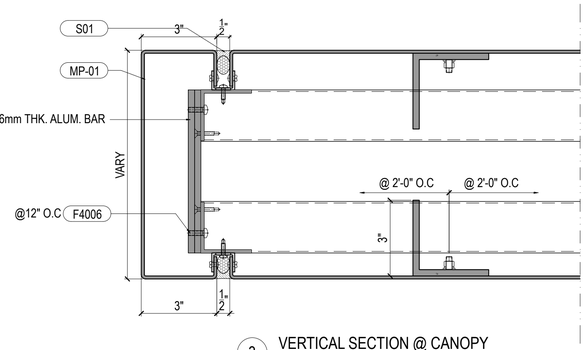
Sheet No.: DT-509

Date: Feb. 04, 2024	Revision No.: 1
Scale: 6"=1'-0"	Size: 22"x34"

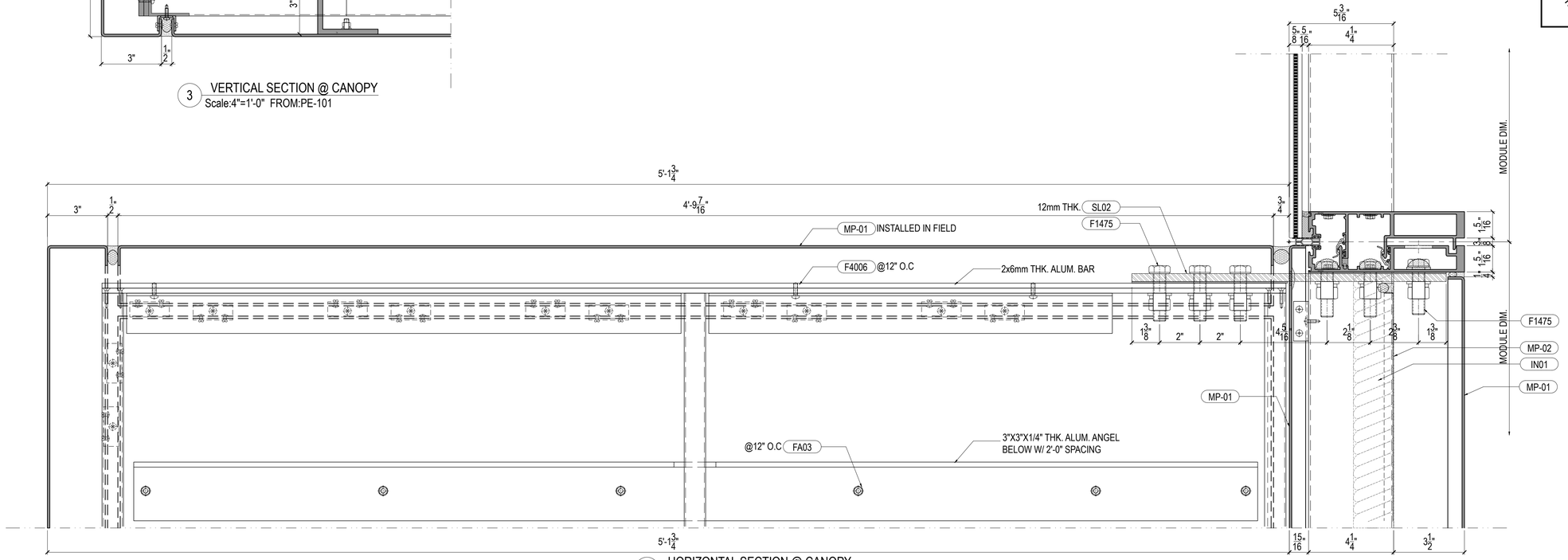
Phase: Shop Drawing



1 VERTICAL SECTION @ CANOPY
Scale:4"=1'-0" FROM:PE-101



3 VERTICAL SECTION @ CANOPY
Scale:4"=1'-0" FROM:PE-101



2 HORIZONTAL SECTION @ CANOPY
Scale:4"=1'-0" FROM:PE-101

ELICC CW-100 SERIES

FL #46137

VERIFIED BY:
PAVAN MANEPALLI, P.E.
FLORIDA REGISTRATION
PE #71882

PAVAN MANEPALLI LICENSE No. 71882 STATE OF FLORIDA PROFESSIONAL ENGINEER

02/08/2024

No.	Date	Description
-	-	-

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Approved By:

Checked By:

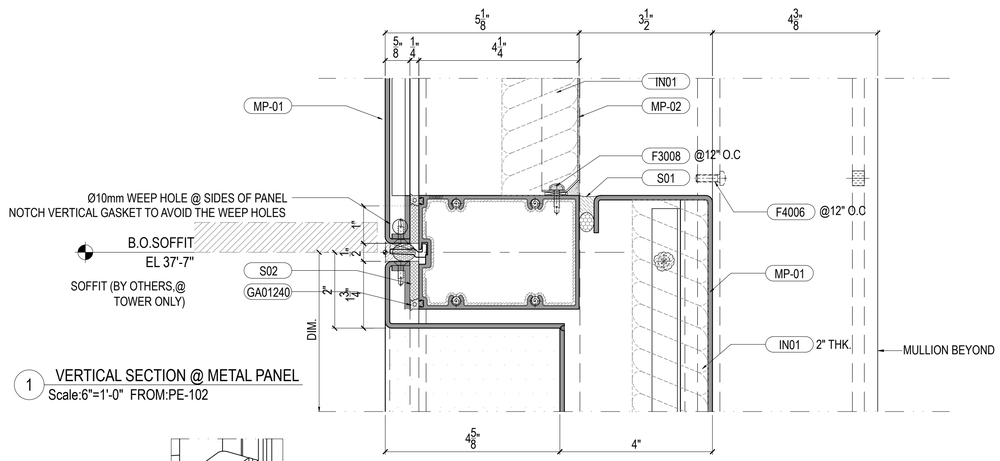
Design Team:

Title:
VERTICAL SECTION DETAIL
@ CANOPY

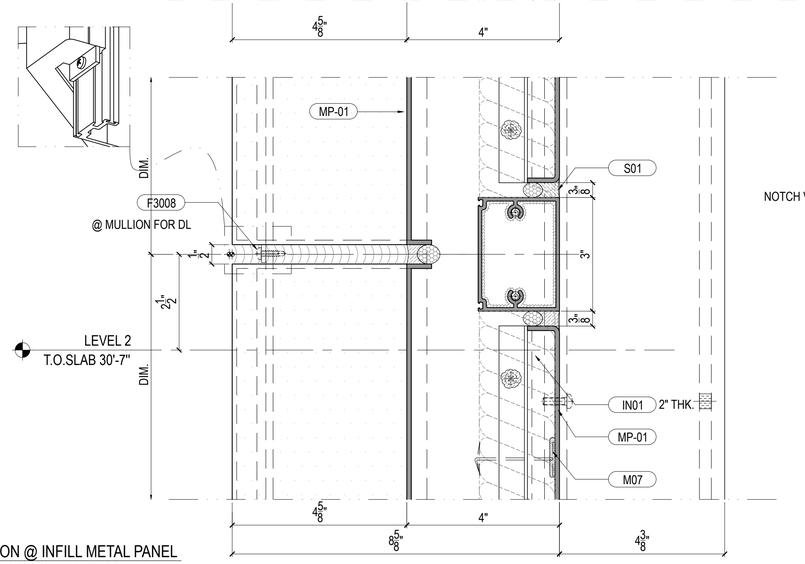
Sheet No.: DT-509B

Date: Feb. 04, 2024	Revision No.: -
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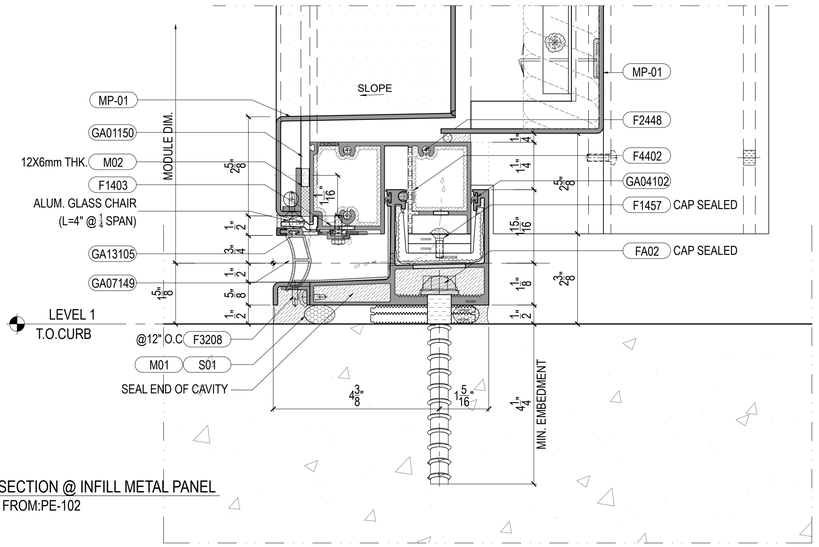
Phase: Shop Drawing



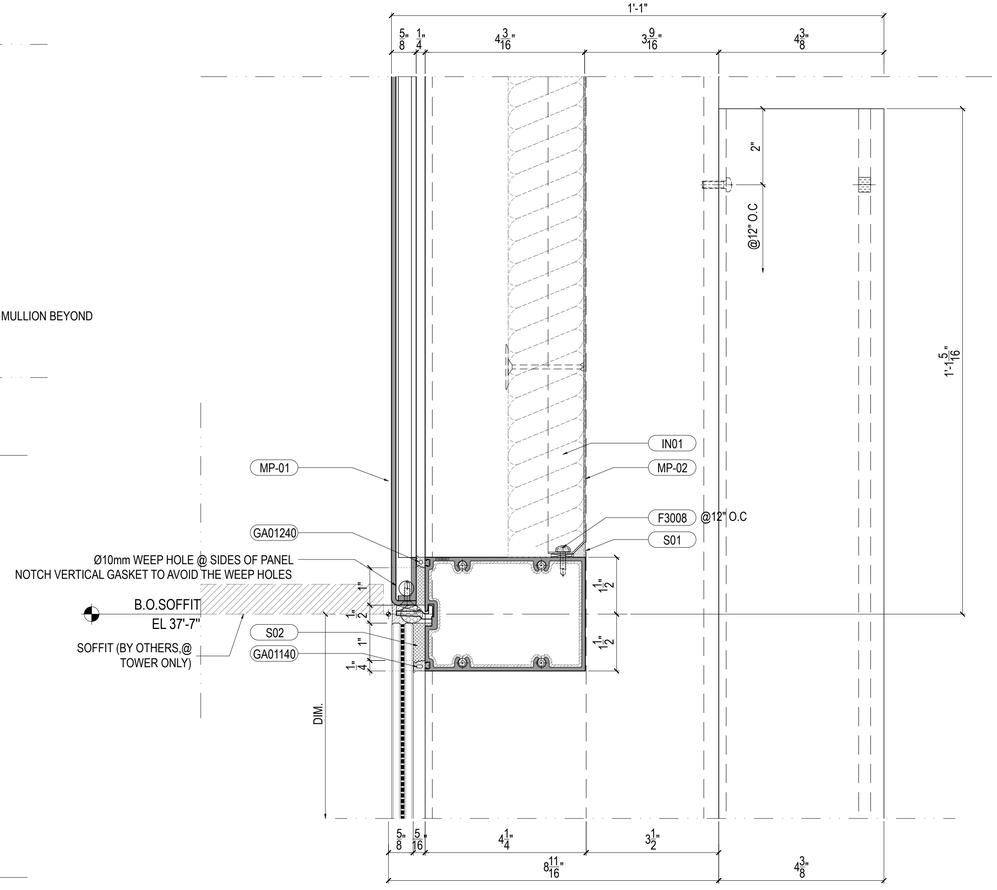
1 VERTICAL SECTION @ METAL PANEL
Scale:6"=1'-0" FROM:PE-102



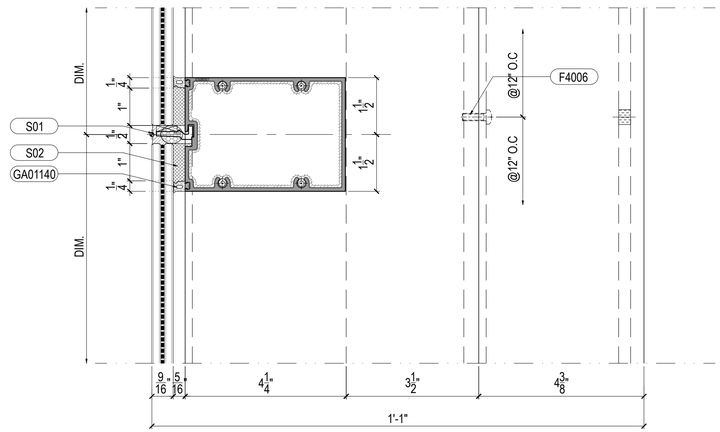
2 VERTICAL SECTION @ INFILL METAL PANEL
Scale:6"=1'-0" FROM:PE-102



3 VERTICAL SECTION @ INFILL METAL PANEL
Scale:6"=1'-0" FROM:PE-102



4 VERTICAL SECTION @ INTERMEDIATE TRANSOM
Scale:6"=1'-0" FROM:PE-102



5 VERTICAL SECTION @ INTERMEDIATE TRANSOM
Scale:6"=1'-0" FROM:PE-102

No.	Date	Description
-	-	-

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Checked By:

Design Team:

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FL #46137

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PE #71882

PAVAN MANEPALLI LICENSE No. 71882 STATE OF FLORIDA PROFESSIONAL ENGINEER

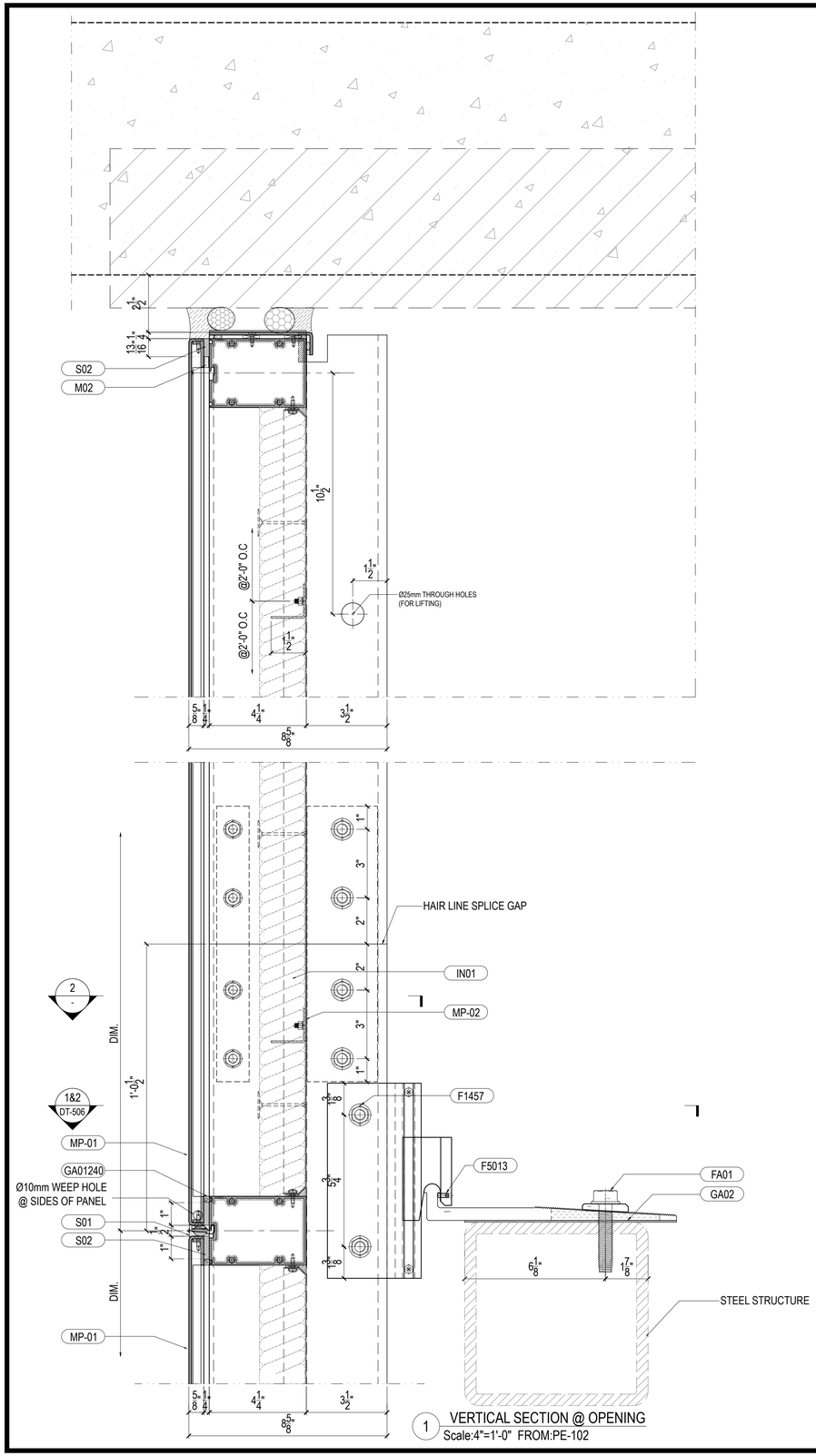
Title:
VERTICAL SECTION DETAIL

Sheet No.: DT-510

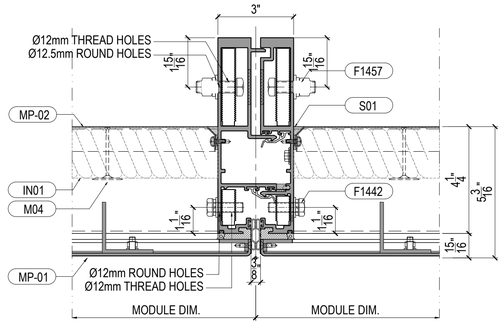
Date: Feb. 04, 2024	Revision No.: -
Scale: 6"=1'-0"	Size: 22"x34"

Phase: Shop Drawing

02/08/2024



1 VERTICAL SECTION @ OPENING
Scale:4"=1'-0" FROM:PE-102



2 HORIZONTAL SECTION @ SPLICE GAP
Scale:4"=1'-0" FROM:PE-102

No.	Date	Description
-	-	-

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PAVAN MANEPALLI LICENSE No. 71882 STATE OF FLORIDA PROFESSIONAL ENGINEER

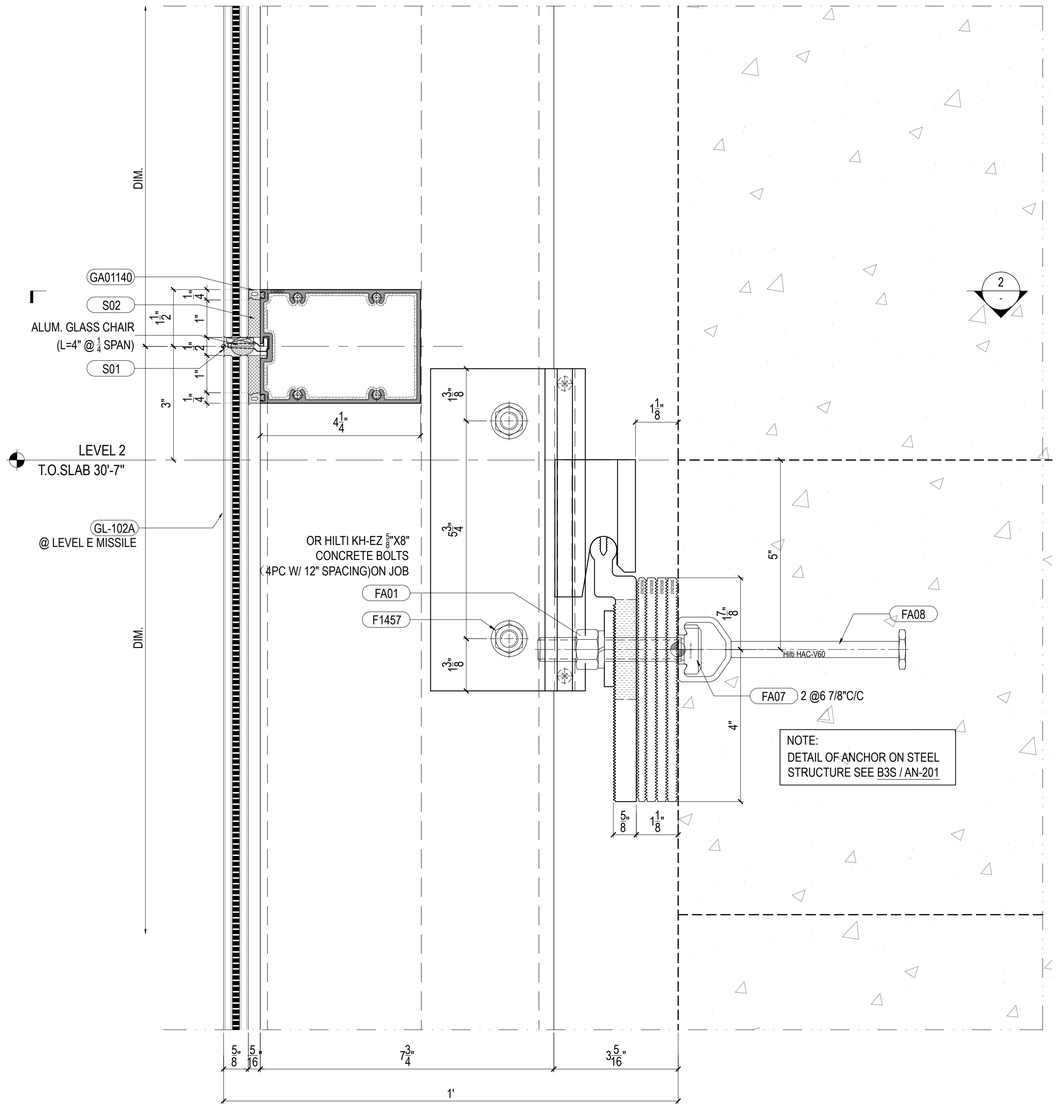
Title:
VERTICAL SECTION DETAIL

Sheet No.: DT-511

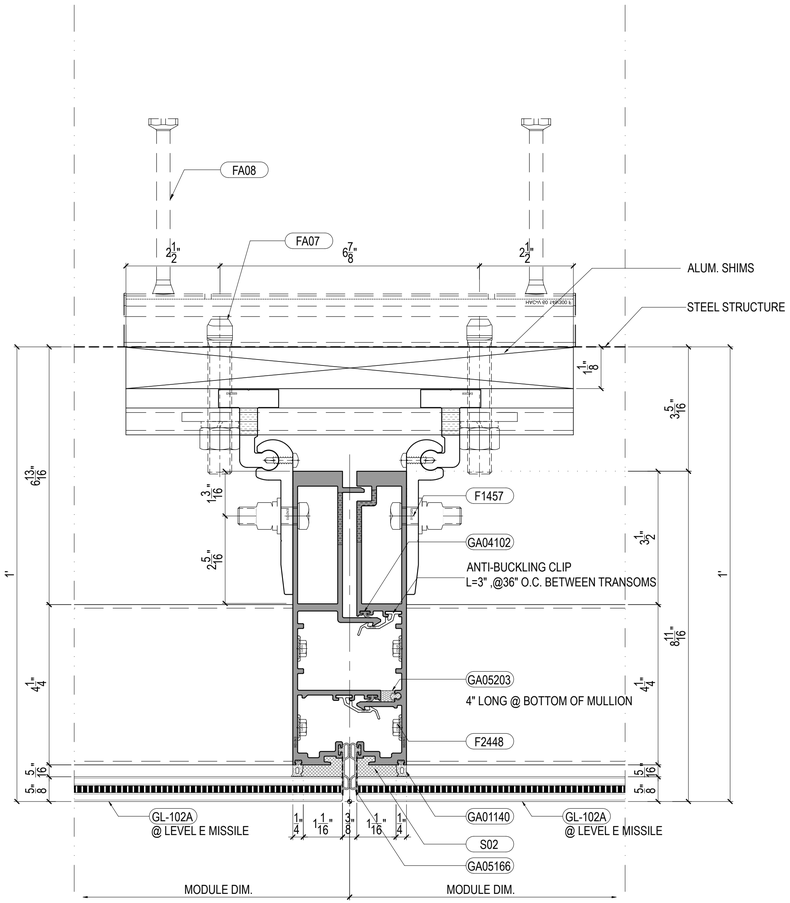
Date: Feb. 04, 2024	Revision No.: -
Scale: 4"=1'-0"	Size: 22"x34"

Phase: Shop Drawing

02/08/2024



1 VERTICAL SECTION @ INTERMEDIATE TRANSOM
Scale:6"=1'-0" FROM:PE-101



2 PLAN SECTION @ VISION GLASS @ ANCHOR
Scale:6"=1'-0" FROM:PE-101 / PE-102

No.	Date	Description
-	-	-

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Checked By:

Design Team:

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VERIFIED BY:
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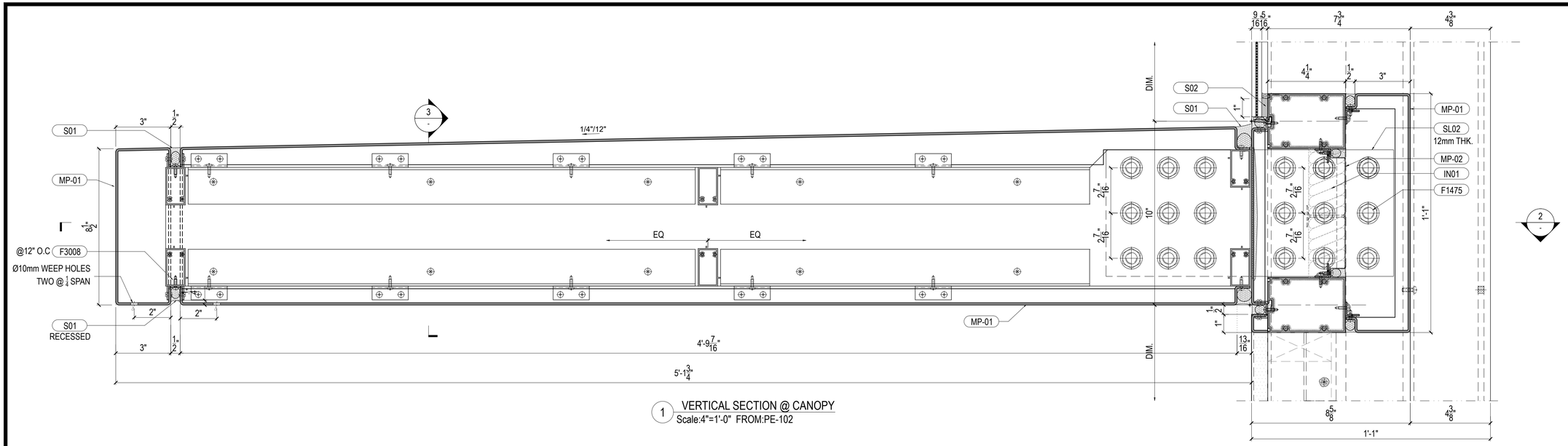
02/08/2024

Title:
VERTICAL SECTION DETAIL

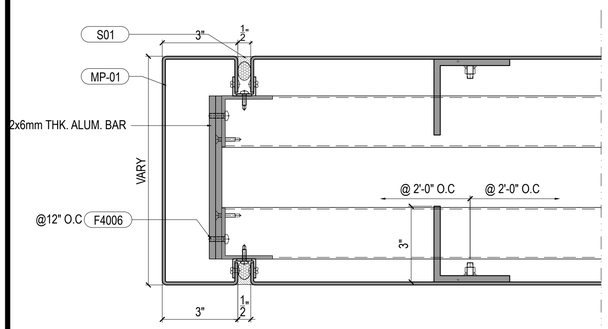
Sheet No.: DT-512

Date: Feb. 04, 2024	Revision No.: -
Scale: 6"=1'-0"	Size: 22"x34"

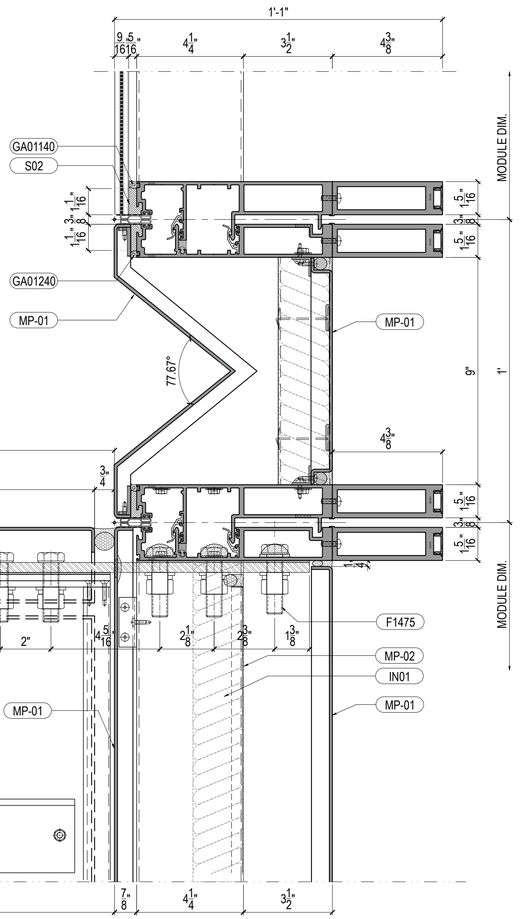
Phase: Shop Drawing



1 VERTICAL SECTION @ CANOPY
Scale:4"=1'-0" FROM:PE-102



3 VERTICAL SECTION @ CANOPY
Scale:4"=1'-0" FROM:PE-102



2 HORIZONTAL SECTION @ CANOPY
Scale:4"=1'-0" FROM:PE-102

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Checked By:

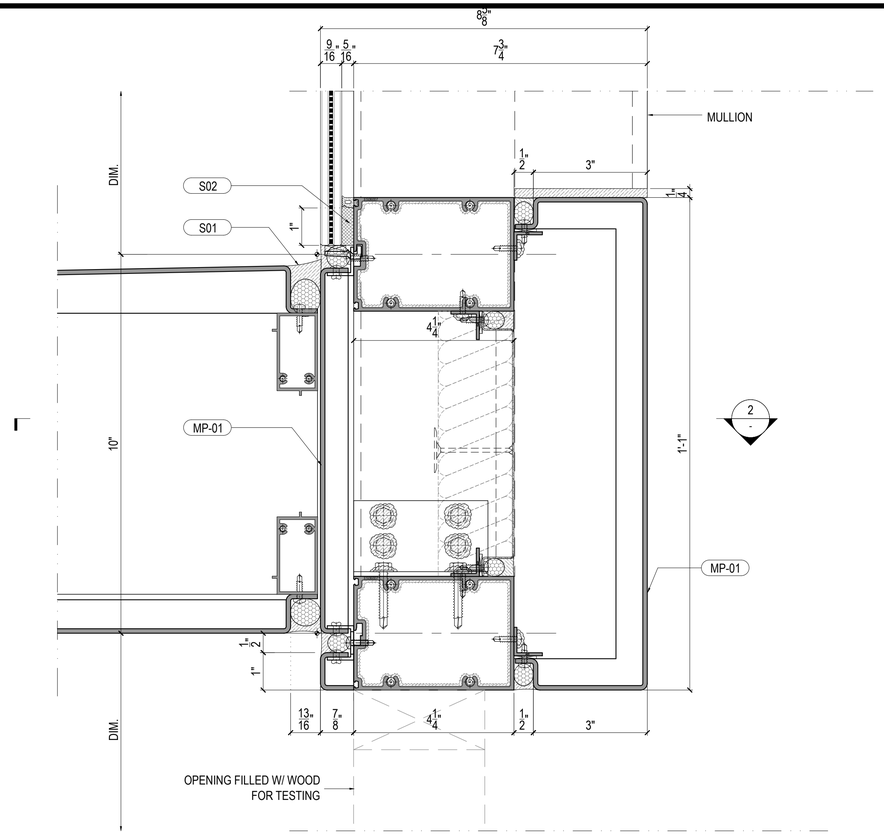
Design Team:

Title:
VERTICAL SECTION DETAIL
@ CANOPY

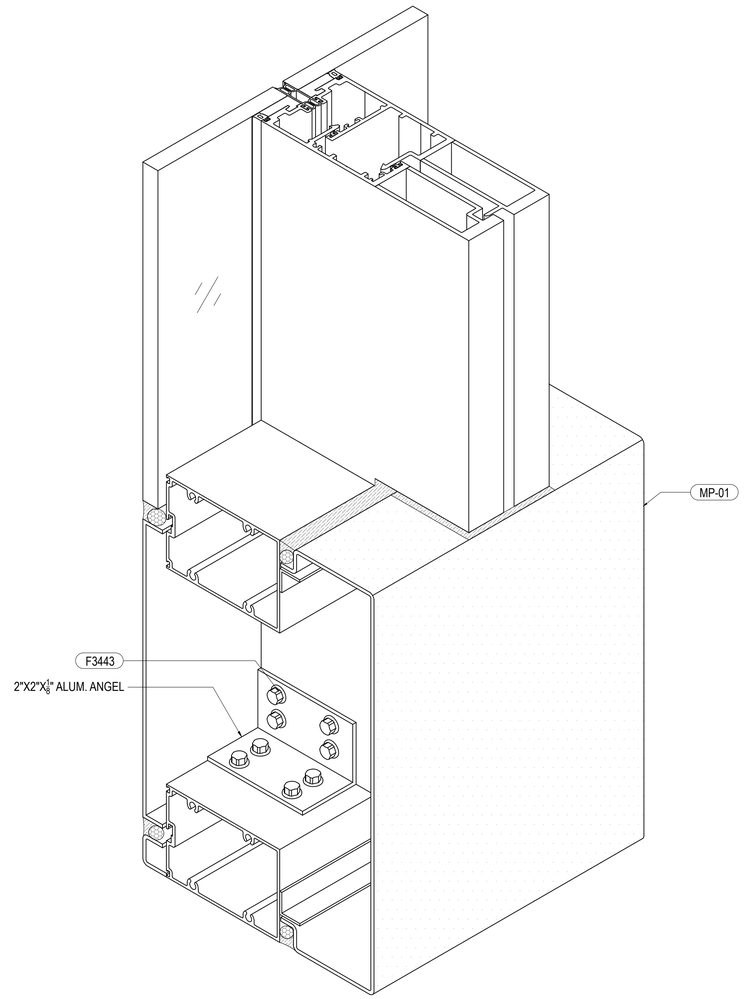
Sheet No.: DT-514

Date: Feb. 04, 2024	Revision No.: -
Scale: 4"=1'-0"	Size: 22"x34"

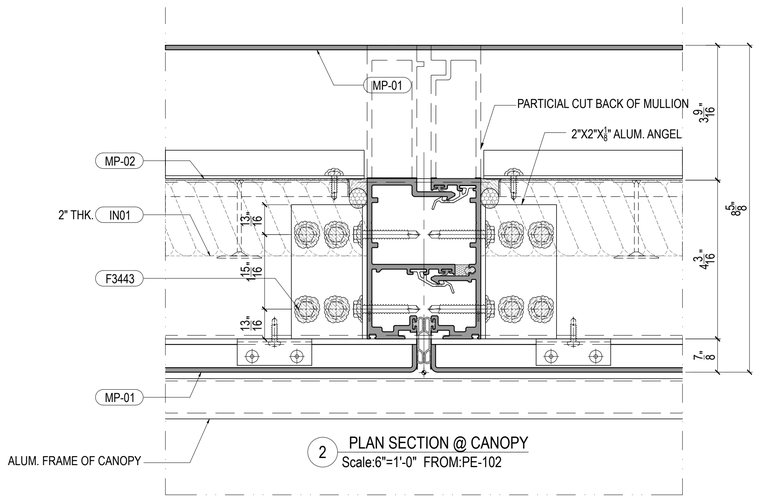
Phase: Shop Drawing



1 VERTICAL SECTION @ CANOPY
Scale:6"=1'-0" FROM:PE-102



A ISOMETRIC VIEW
Scale:6"=1'-0"



2 PLAN SECTION @ CANOPY
Scale:6"=1'-0" FROM:PE-102

No.	Date	Description
-	-	-

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PE #71882

PAVAN MANEPALLI LICENSE No. 71882 STATE OF FLORIDA PROFESSIONAL ENGINEER

Title:
VERTICAL SECTION DETAIL

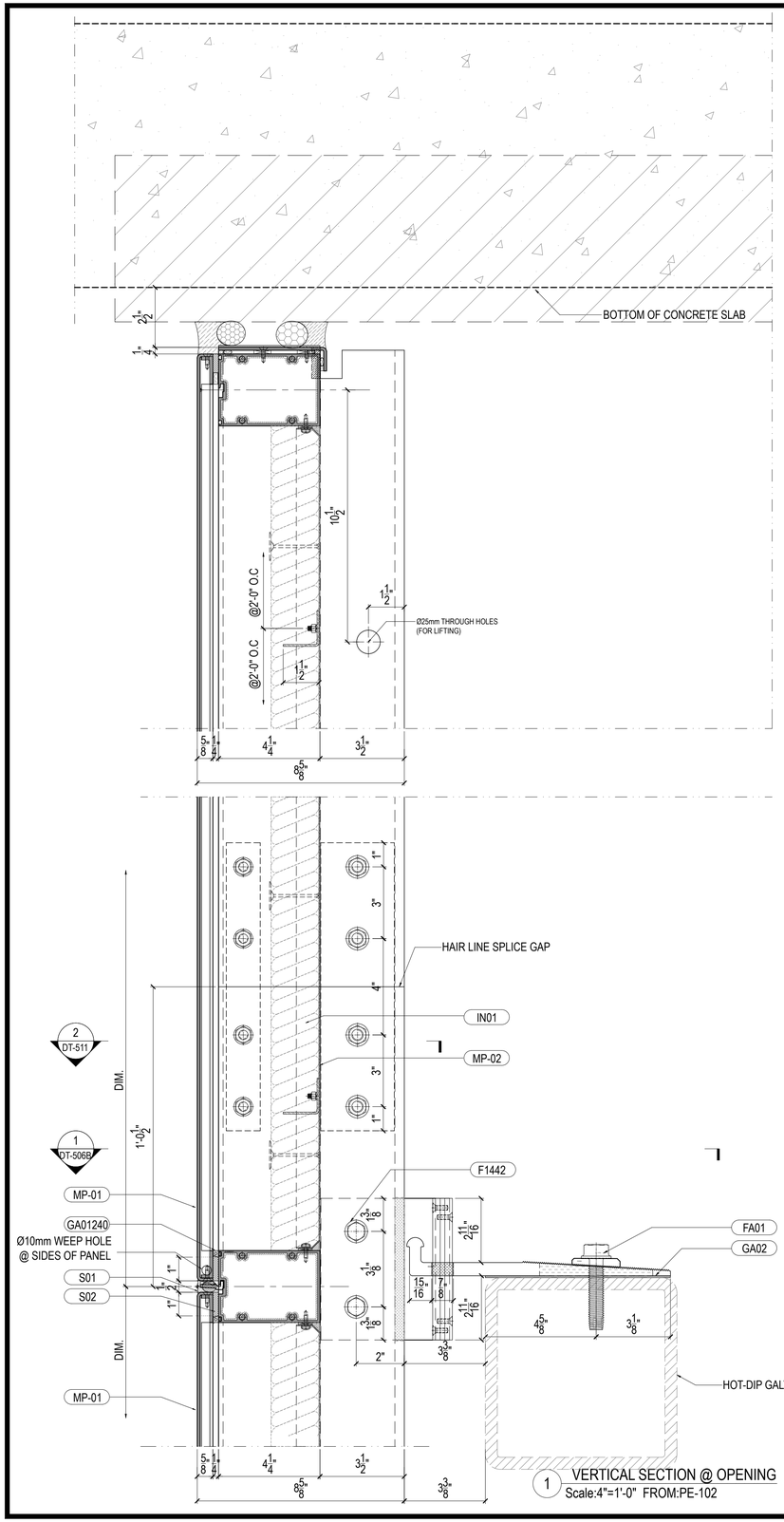
Sheet No.: DT-514B

Date: Feb. 04, 2024 | Revision No.: -

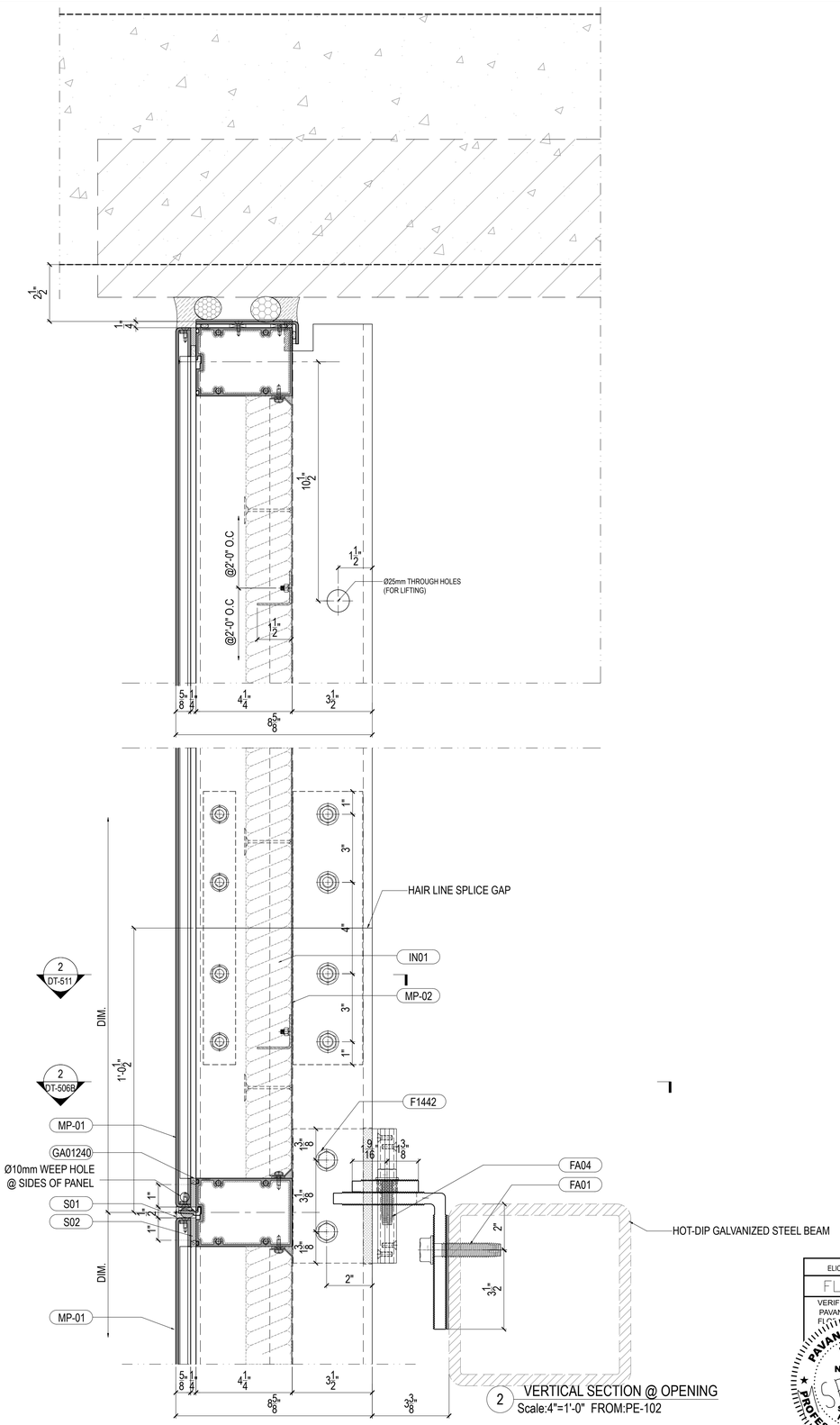
Scale: 6"=1'-0" | Size: 22"x34"

Phase: Shop Drawing

02/08/2024



1 VERTICAL SECTION @ OPENING
Scale:4"=1'-0" FROM:PE-102



2 VERTICAL SECTION @ OPENING
Scale:4"=1'-0" FROM:PE-102

No.	Date	Description
-	-	-

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Approved By:

Checked By:

Design Team:

Title:
VERTICAL SECTION DETAIL

ELICC CW-100 SERIES
FL #46137
VERIFIED BY:
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FL REGISTRATION

PAVAN MANEPALLI LICENSE No. 71882 STATE OF FLORIDA PROFESSIONAL ENGINEER

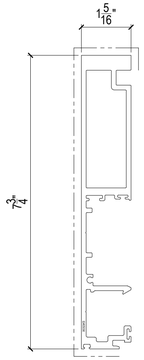
Sheet No.: DT-515

Date: Feb. 04, 2024 | Revision No.: -

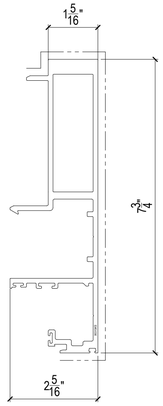
Scale: 4"=1'-0" | Size: 22"x34"

Phase: Shop Drawing

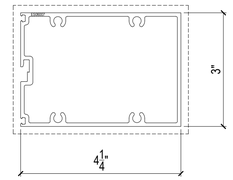
02/08/2024



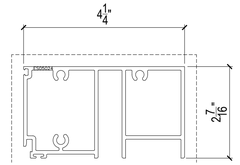
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MATERIAL : 6063-T6	
FINISH : AAMA2604	
PURPOSE : FEMALE MULLION	LEGEND:
COLOR: -	POWDER COAT



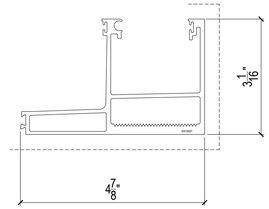
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MATERIAL : 6063-T6	
FINISH : AAMA2604	
PURPOSE : MALE MULLION	LEGEND:
COLOR: -	POWDER COAT



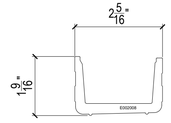
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MATERIAL : 6063-T5	
FINISH : AAMA2604	
PURPOSE : INTERMEDIATE TRANSOM	LEGEND:
COLOR: -	POWDER COAT



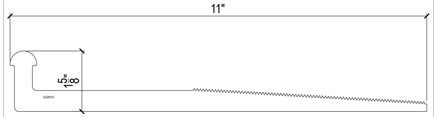
DIE NO. :ES05024	
MATERIAL : 6063-T5	
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PURPOSE : SILL TRANSOM	LEGEND:
COLOR: -	POWDER COAT



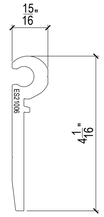
DIE NO. :EN15001	
MATERIAL : 6063-T6	
FINISH : AAMA2604	
PURPOSE : STARTER TRACK	LEGEND:
COLOR: -	POWDER COAT



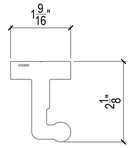
DIE NO. :E002008	
MATERIAL : 6005A-T61	
FINISH : NON-CHROMATE	
PURPOSE : GUTTER SLEEVE	LEGEND:
COLOR: -	POWDER COAT



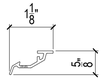
DIE NO. : ES20015	
MATERIAL : 6005A-T61	
FINISH : AAMA 2604	
PURPOSE : ANCHOR	LEGEND:
COLOR: -	POWDER COAT



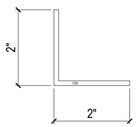
DIE NO. : ES21006	
MATERIAL : 6005A-T61	
FINISH : NON-CHROMATE	
PURPOSE : ANCHOR BRACKET	LEGEND:
COLOR: -	POWDER COAT



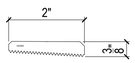
DIE NO. : EN22009	
MATERIAL : 6063-T6	
FINISH : NON-CHROMATE	
PURPOSE : BRACKET	LEGEND:
COLOR: -	POWDER COAT



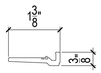
DIE NO. :EW12002	
MATERIAL : 6063-T6	
FINISH :NON-CHROMATE	
PURPOSE : ANTI-BUCKLING CLIP	LEGEND:
COLOR: -	POWDER COAT



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



DIE NO. : ES23003	
MATERIAL : 6005A-T61	
FINISH : NON-CHROMATE	
PURPOSE : WASHER	LEGEND:
COLOR: -	POWDER COAT



DIE NO. : PAK-030	
MATERIAL : 6063-T5	
FINISH : NON-CHROMATE	
PURPOSE : BEARING BAR	LEGEND:
COLOR: -	POWDER COAT



DIE NO. : ES30001	
MATERIAL : 6063-T5	
FINISH : CLASS 1 BLACK ANODIZED	
PURPOSE : TRIM	LEGEND:
COLOR: BLACK	POWDER COAT

SCALE:2'-0"=1'-0"

No.	Date	Description
-	-	-

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Checked By:

Design Team:

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FL #46137

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PE #71882

PAVAN MANEPALLI LICENSE No. 71882 STATE OF FLORIDA PROFESSIONAL ENGINEER

Title:
MATERIAL LIST
Aluminum Extrusion

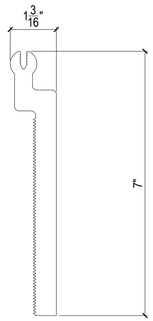
Sheet No.: ML-601

Date: Feb. 04, 2024 | Revision No.: -

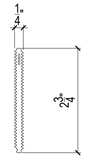
Scale: 6"=1'-0" | Size: 22"x34"

Phase: Shop Drawing

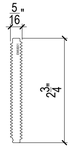
02/08/2024



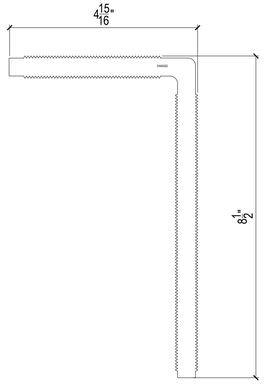
DIE NO. : ES20008	
MATERIAL : 6005A-T61	
FINISH : NON-CHROMATE	
PURPOSE : ANCHOR BRACKET	LEGEND:
COLOR: -	POWDER COAT



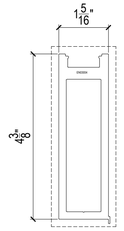
DIE NO. : EW55002	
MATERIAL : 6063-T5	
FINISH : NON-CHROMATE	
PURPOSE : SHIM	LEGEND:
COLOR: -	POWDER COAT



DIE NO. : EW55001	
MATERIAL : 6063-T5	
FINISH : NON-CHROMATE	
PURPOSE : SHIM	LEGEND:
COLOR: -	POWDER COAT



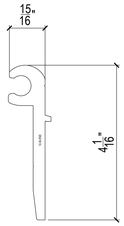
DIE NO. : EN50002	
MATERIAL : 6005A-T61	
FINISH : NON-CHROMATE	
PURPOSE : ANGLE	LEGEND:
COLOR: -	POWDER COAT



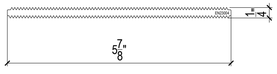
DIE NO. : EN03004	
MATERIAL : 6063-T6	
FINISH : AAMA 2604	
PURPOSE : TUBE	LEGEND:
COLOR: -	POWDER COAT



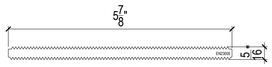
DIE NO. : EN13013	
MATERIAL : 6063-T5	
FINISH : AAMA 2604	
PURPOSE : CAPPING	LEGEND:
COLOR: -	POWDER COAT



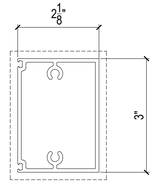
DIE NO. : EN21015	
MATERIAL : 6005A-T61	
FINISH : NON-CHROMATE	
PURPOSE : ANCHOR BRACKET	LEGEND:
COLOR: -	POWDER COAT



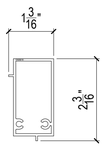
DIE NO. : EN23004	
MATERIAL : 6063-T5	
FINISH : NON-CHROMATE	
PURPOSE : SHIM	LEGEND:
COLOR: -	POWDER COAT



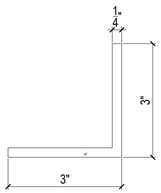
DIE NO. : EN23005	
MATERIAL : 6063-T5	
FINISH : NON-CHROMATE	
PURPOSE : SHIM	LEGEND:
COLOR: -	POWDER COAT



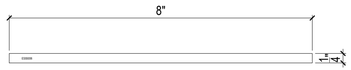
DIE NO. :EN06013	
MATERIAL : 6063-T5	
FINISH : AAMA2604	
PURPOSE : INTERMEDIATE TRANSOM	LEGEND:
COLOR: -	POWDER COAT



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



DIE NO. :47	
MATERIAL : 6063-T6	
FINISH : MILL	
PURPOSE : ANGLE	LEGEND:
COLOR: -	POWDER COAT



DIE NO. : ES55006	
MATERIAL : 6005A-T61	
FINISH : NON-CHROMATE	
PURPOSE : SHIM	LEGEND:
COLOR:	POWDER COAT

No.	Date	Description
-	-	-

Revisions:

Issued By:

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Checked By:

Design Team:

ELICC CW-100 SERIES

FL #46137

VERIFIED BY:
PAVAN MANEPALLI, P.E.
FLORIDA REGISTRATION
PE #71882

PAVAN MANEPALLI LICENSE No. 71882 STATE OF FLORIDA PROFESSIONAL ENGINEER

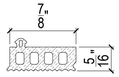
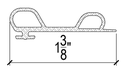
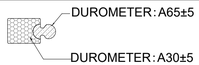
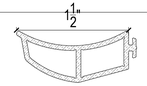
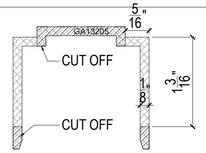
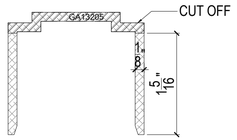
Title:
MATERIAL LIST
Aluminum Extrusion

Sheet No.: ML-602

Date: Feb. 04, 2024	Revision No.: -
Scale: 6"=1'-0"	Size: 22"x34"

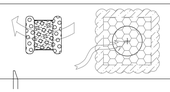
Phase: Shop Drawing

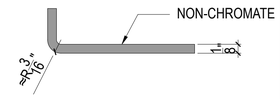
02/08/2024

GA01150		1:1	GA01150	SILICONE (BLACK)A65°±5°
GA01140		1:1	GA01140	SILICONE (BLACK)A65°±5°
GA01240		1:1	GA01240	SILICONE (BLACK)A65°±5°
GA04102		1:1	GA04102	SILICONE (BLACK)A65°±5°
GA05166		1:1	GA05166	SILICONE (BLACK)A65°±5°
GA05203		1:1	GA05203	SILICONE (BLACK)
GA07149		1:1	GA07149	SILICONE (BLACK)A65°±5°
GA06113		1:2	GA06113	SILICONE (TRANSPARENT)A65°±5°
GA04201		1:1	GA04201	RIGID PVC (BLACK)D80±5°
GA13105		1:1	GA13105	PA66+GF25 D85°±5°
GA01		1:1	18X4mm	SILICONE (BLACK)A85°±5°
GA02		1:1	2mm THK.	SILICONE (BLACK)A65°±5°
GA03		1:1	14X4mm	SILICONE (BLACK)A85°±5°
GA04		1:1	GA13205	PA66+GF25 D85°±5°
GA05		1:1	GA13205	PA66+GF25 D85°±5°
GA06		1:1	15X2mm	SILICONE (BLACK)A85°±5°

IN01	MINERAL FIBER INSULATION (NOMINAL DENSITY :4PCF) BRAND AND TYPE :THERMAFIBER FIRESPAN 40 R=4.2 PER INCH	

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

M01	BI-CELLUAR BACKER ROD	
M02	DOUBLE-SIDED ADHESIVE TAPE	
M03	OPEN CELL WEEP BAFFLE	
M04	12 GAUGE STEEL WELD PINS WITH STEEL CLINCH SHIELDS SHIELDS STAGGERED 12 IN. OC	
M05	SILICONE PLUG (BED SEALED)	
M06	2mm THK. S.S 316 FLAT WASHER(FOR THE GA12108)	
M07	INSULATION LUG (FIXED WITH SEALANT) SHIELDS STAGGERED 12" O.C. MATERIAL: HOT-DIP GALVANIZED STEEL	

LEGEND NUMBER	MATERIAL DESCRIPTION	SECTION
MP-01	1/8" (3mm) THICK ALUMINUM PANEL ALLOY: 3003-H14 FINISH: NON-CHROMATE COLOR: -	
MP-02	0.039" (1.0mm) THICK STEEL SHEET FINISH: HOT-DIP GALVANIZED COATING THICKNESS: TOTAL BOTH SIDES 275 g/m² (COMPLY WITH ASTM A 653/A 653M, G90)	

ELICC CW-100 SERIES

FL #46137

VERIFIED BY:
PAVAN MANEPALLI, P.E.
FLORIDA REGISTRATION
PE #71882

PAVAN MANEPALLI LICENSE No. 71882 STATE OF FLORIDA PROFESSIONAL ENGINEER

02/08/2024

No.	Date	Description
-	-	-

Revisions:

Issued By:

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Checked By:

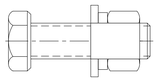
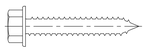
Design Team:

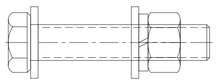
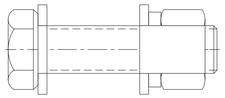
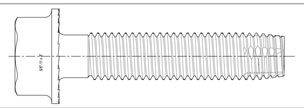
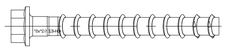
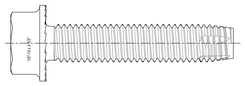
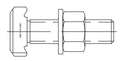
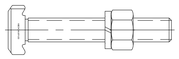
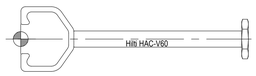
Title:
MATERIAL LIST
GASKET/ SEALANT/ INSULATIION
& MISCELLANEOUS MATERIAL

Sheet No.: ML-603

Date: Feb. 04, 2024	Revision No.: -
Scale: 1'-0"=1'-0"	Size: 22"x34"

Phase: Shop Drawing

TAG	DIAGRAM	DESCRIPTION	GRADE	MATERIAL/FINISH
F1457		M12X40mm H.H. BOLT (FULL THREAD) W/ FLAT WASHER SPRING WASHER AND NUT	S.S. 316	STAINLESS STEEL
F1403		M5X16mm H.H. BOLT (FULL THREAD)	S.S. 316	STAINLESS STEEL
F4402		M5X10mm HEXAGON SOCKET CAP SCREW	S.S. 316	STAINLESS STEEL
F4007		M5X25mm CROSS RECESSED PAN HEAD SCREW	S.S. 316	STAINLESS STEEL
F4205		M5X16mm CROSS RECESSED FLAT HEAD SCREW	S.S. 316	STAINLESS STEEL
F5013		M5x12 HEXAGON SOCKET HEAD FLATNENS SET BOLT	S.S. 316	STAINLESS STEEL
F5057		M16x25 HEXAGON SOCKET HEAD FLATNENS SET BOLT	S.S. 316	STAINLESS STEEL
F2448		ST6.3x38mm HEX HEAD S.T. 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
F3222		ST4.8x25mm FLAT-HEAD S.D. SCREW	S.S. 316	STAINLESS STEEL
F3009		ST4.2x19mm PAN-HEAD S.D. SCREW	S.S. 316	STAINLESS STEEL
F3007		ST4.2x13mm PAN-HEAD S.D. SCREW	S.S. 316	STAINLESS STEEL
F3008		ST4.2x16mm PAN-HEAD S.D. SCREW	S.S. 316	STAINLESS STEEL
F3020		ST4.8x19mm PAN-HEAD S.D. SCREW	S.S. 316	STAINLESS STEEL
F3022		ST4.8x25mm PAN-HEAD S.D. SCREW	S.S. 316	STAINLESS STEEL
F3443		ST6.3x38mm HEX HEAD S.D. SCREW	S.S. 316	STAINLESS STEEL

TAG	DIAGRAM	DESCRIPTION	GRADE	MATERIAL/FINISH
F1475		M12X60mm H.H. BOLT (FULL THREAD) W/ FLAT WASHER SPRING WASHER AND NUT	S.S. 316	STAINLESS STEEL
F1476		M16X60mm H.H. BOLT (FULL THREAD) W/ FLAT WASHER SPRING WASHER AND NUT	S.S. 316	STAINLESS STEEL
F4006		M5X16mm CROSS RECESSED PAN HEAD SCREW	S.S. 316	STAINLESS STEEL
F1442		M10X30mm H.H. BOLT (FULL THREAD)	S.S. 316	STAINLESS STEEL
F4828		M8X20mm HEXAGON SOCKET CSK HEAD SCREW	S.S. 316	STAINLESS STEEL
FA01		5/8"-11X3" TAP-FLEX STRUCTURAL SCREWS	GRADE 5	Material:Alloy steel FINISH:Silver Stalgard ® SUB coating
FA02	 SCALE: 2:1	KH-EZ 1/2"X6" CONCRETE SCREW ANCHOR MANUFACTURER: HILTI		Material:Carbon steel Finish:zinc-plated (min. 8 µm)
FA03		M6 WELDED STUDS W/ FLAT WASHER SPRING WASHER AND NUT		ALUM.
FA04		1/2"-13X2 1/2" TAP-FLEX STRUCTURAL SCREWS	GRADE 5	Material:Alloy steel FINISH:Silver Stalgard ® SUB coating
FA05	 SCALE: 2:1	T-HEAD BOLT W/ WASHER MANUFACTURER: HILTI TAG: HBC-C M16x60mm	GRADE:8.8	Material:Steel Grade 8.8 Finish:Hot dip galvanized
FA07	 SCALE: 2:1	T-HEAD BOLT W/ WASHER MANUFACTURER: HILTI TAG: HBC-C M16x100mm	GRADE:8.8	Material:Steel Grade 8.8 Finish:Hot dip galvanized
FA08	 SCALE: 2:1	Hilti ANCHOR CHANNEL HAC-V-60 F	GRADE:8.8	Material:Alloy steel Finish:Hot dip galvanized
FA09	 SCALE: 2:1	Hilti ANCHOR CHANNEL HAC-V-40 F	GRADE:8.8	Material:Alloy steel Finish:Hot dip galvanized

ELICC CW-100 SERIES

FL #46137

VERIFIED BY:
PAVAN MANEPALLI, P.E.
FLORIDA REGISTRATION
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Approved By:

Checked By:

Design Team:

Title:
MATERIAL LIST
FASTENERS

Sheet No.: ML-604

Date: Feb. 04, 2024	Revision No.: -
Scale: 1'-0"=1'-0"	Size: 22"x34"

Phase: Shop Drawing