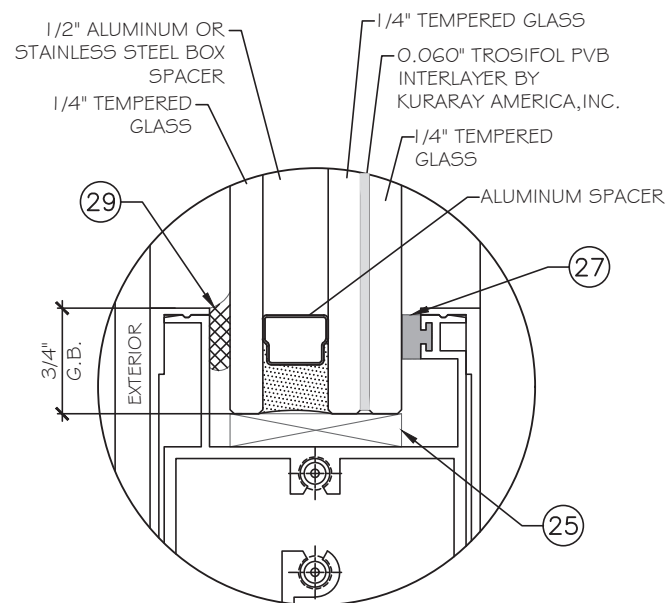
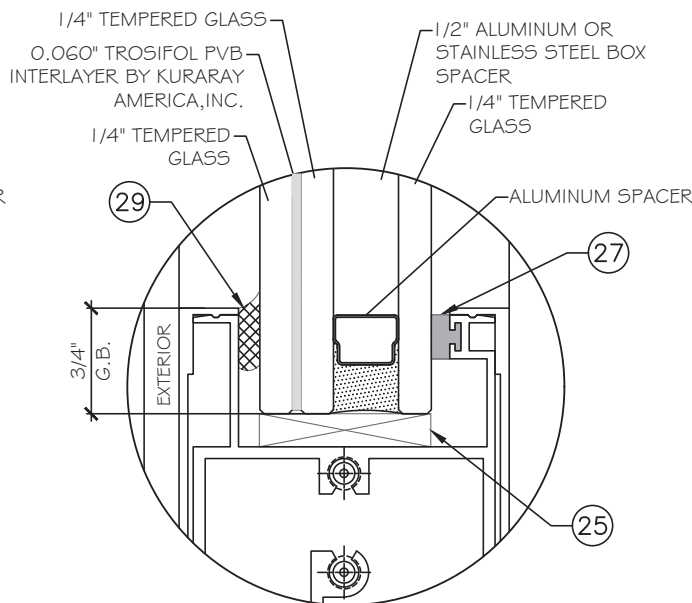


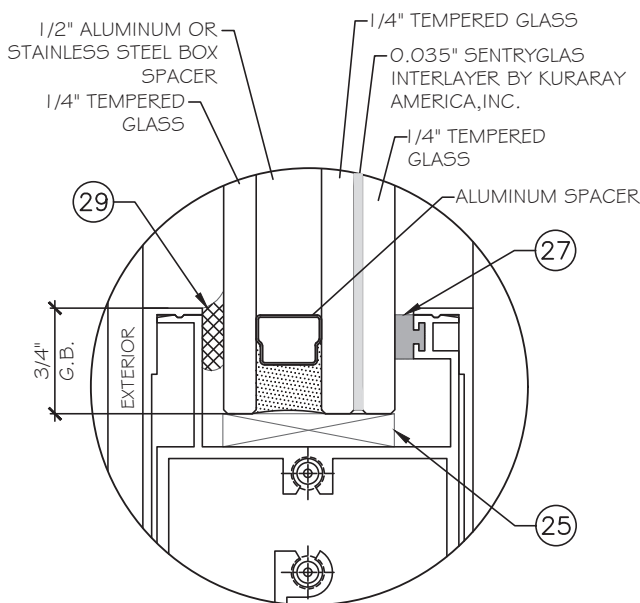
CONTINENTAL GLASS SYSTEMS, LLC.  
SERIES 2850 LIFT AND SLIDING GLASS DOOR (2-TRACK)  
SMALL MISSILE IMPACT (SMI)



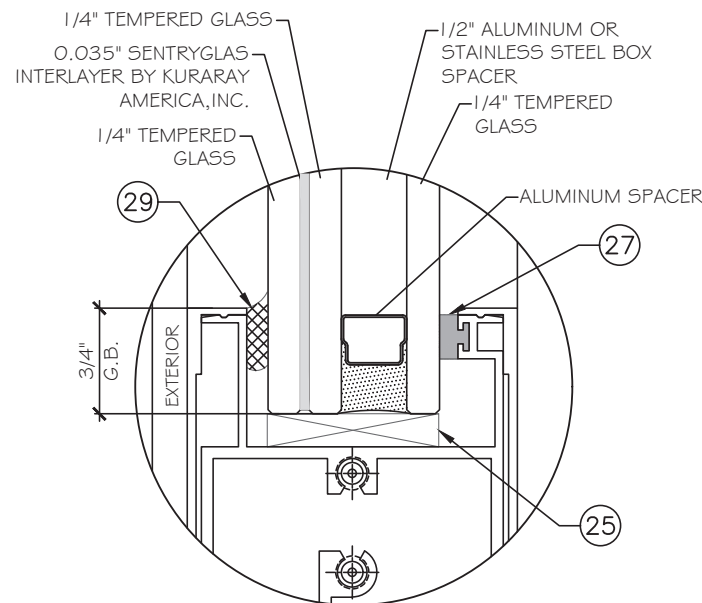
GLASS TYPE "G2"  
1 5/16" INSULATED LAMINATED GLASS  
LAMINATED ON INTERIOR SIDE



GLASS TYPE "G2A"  
1 5/16" INSULATED LAMINATED GLASS  
LAMINATED ON EXTERIOR SIDE



GLASS TYPE "G3"  
1 5/16" INSULATED LAMINATED GLASS  
LAMINATED ON INTERIOR SIDE



GLASS TYPE "G3A"  
1 5/16" INSULATED LAMINATED GLASS  
LAMINATED ON EXTERIOR SIDE

GENERAL NOTES:

- THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 8TH EDITION FLORIDA BUILDING CODE (2023) INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
- DOOR IS RATED FOR SMALL MISSILE IMPACT ONLY. IMPACT SHUTTERS ARE NOT REQUIRED FOR ELEVATIONS 30'-0" ABOVE GRADE OR HIGHER. IMPACT SHUTTERS ARE REQUIRED FOR ELEVATIONS LOWER THAN 30'-0" ABOVE GRADE.
- DOORS ARE APPROVED FOR AIR AND WATER INFILTRATION RESISTANCE.
- ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.
- MATERIALS INCLUDING BUT NOT LIMITED TO STEEL / METAL SCREWS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE.
- METAL STRUCTURES NOT BY CONTINENTAL GLASS SYSTEMS, LLC., SHALL BE DESIGNED TO SUPPORT THE LOADS IMPOSED BY THIS GLAZING SYSTEM AND TO TRANSFER SUCH LOADS TO THE MAIN BUILDING STRUCTURE.
- ULTIMATE LOAD OBTAINED FROM ASCE 7-22, MULTIPLIED BY 0.6, SHALL BE LESS THAN OR EQUAL TO MAX. DESIGN LOAD IN THIS DOCUMENT. THE DESIGN LOADS SHOWN IN THIS DOCUMENT ARE ALLOWABLE DESIGN LOADS.
- MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION IN ACCORDANCE WITH SECTION 1709.9.3 OF FLORIDA BUILDING CODE LABELING TO COMPLY WITH SECTION 1709.9.2.

-SEALANTS:

ALL FRAME CORNERS, JOINTS, MULLION SEAMS AND PERIMETER GLAZING BEAD TO FRAME INSTALLATION FASTENERS SEALED WITH SILICONE SEALANT.

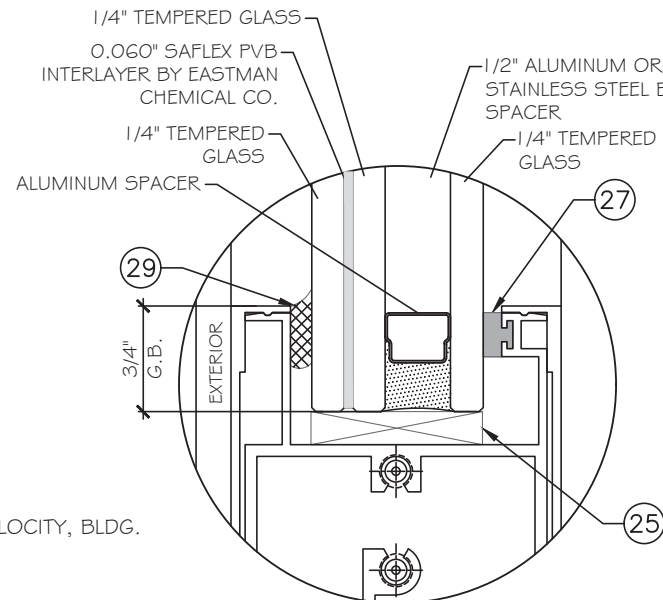
NOTE:

GLASS COMPLIES WITH ASTM E1300-16  
(3 SEC. GUSTS).

INSTRUCTIONS:

USE CHARTS AS FOLLOWS.

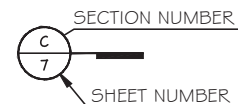
- STEP 1: DETERMINE DESIGN WIND LOAD REQUIREMENTS BASED ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE USING APPLICABLE ASCE 7-22 STANDARD.
- STEP 2: SEE LIFT & SLIDE ON SHEET E1 TO E3 AND STD. SGD ON SHEET E4 TO E6 FOR DESIGN LOAD CAPACITY OF DESIRED GLASS SIZE BASED ON APPLICABLE WIND DURATION. SEE SHEET E7 FOR ADDITIONAL QUALIFIED CONFIGURATIONS
- STEP 3: SEE ANCHOR TYPE AND ANCHOR LAYOUT ON SHEET A1
- STEP 4: THE LOWEST VALUE RESULTING FROM STEPS 2 & 3 THAT EXCEED THE DESIGN WIND PRESSURES DETERMINED THRU STEP 1 SHALL APPLY TO ENTIRE SYSTEM. WHEN USE SYSTEM WITH DOOR, THE LOWER VALUE OF THE DESIGN PRESSURE RATING FOR THE SYSTEM AND THE DOOR SHALL APPLY.



GLASS TYPE "G4A"  
1 5/16" INSULATED LAMINATED GLASS  
LAMINATED ON EXTERIOR SIDE

ABBREVIATIONS AND SYMBOLS

|                          |                     |
|--------------------------|---------------------|
| D.L.O. - DAYLITE OPENING | P.H. - PANEL HEIGHT |
| F.H. - FRAME HEIGHT      | P.W. - PANEL WIDTH  |
| F.W. - FRAME WIDTH       |                     |
| W/ - WITH                |                     |
| W/O - WITHOUT            |                     |
| O.C. - ON CENTER         |                     |
| G.B. - GLASS BITE        |                     |



LIMITATIONS OF USE

- A- THIS PRODUCT EVALUATION DOCUMENT (P.E.D.) PREPARED BY THIS ENGINEER IS GENERIC AND DOES NOT PROVIDE 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.

FLORIDA APPROVAL:

FL#28876.3



SERIES 2850 2 TRACK LIFT AND SLIDE GLASS DOOR S.M.I.

CONTINENTAL GLASS SYSTEMS

325 WEST 74 PLACE,

HIALEAH, FL 33014

TEL. (305) 231-1101

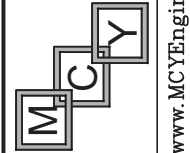
MCY ENGINEERING, INC.

GLAZING CONSULTANTS

12781 MIRAMAR PKWY. STE. 301

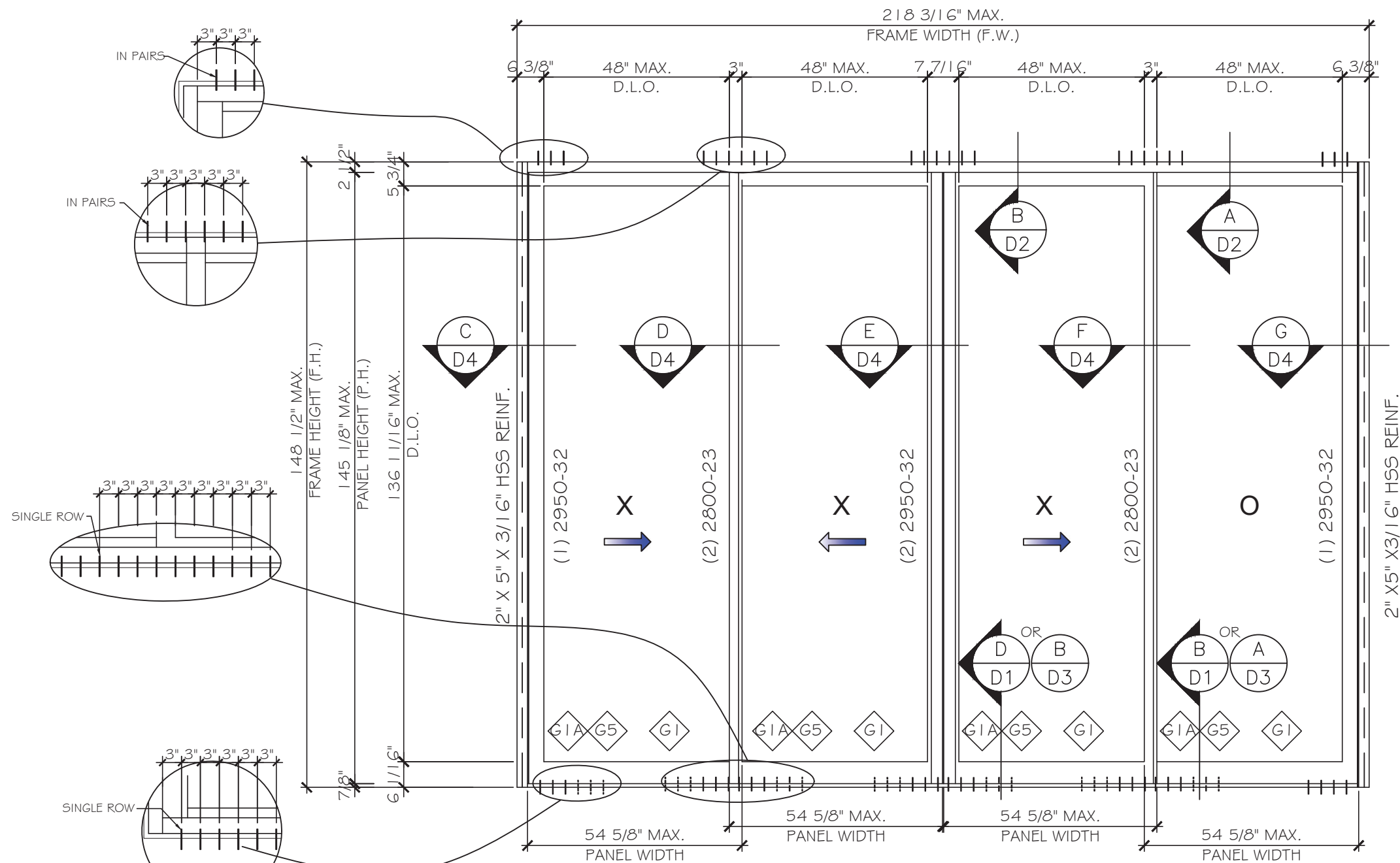
MIRAMAR, FL 33027

P. 305.271.0117



|             |         |
|-------------|---------|
| Drawn Date  | Scale   |
| 03.04.2024  |         |
| DRAWING NO. | AD21-34 |
| C I         |         |
| Sheet No.   | 1 OF 22 |

[illegible]



TYPICAL EXTERIOR ELEVATION (XXXO)  
SEE ANCHOR OPTION & ANCHOR CHART ON SHEET A1 & A2

| DESIGN LOAD CAPACITY - PSF |              |            |             |
|----------------------------|--------------|------------|-------------|
| NOM. PANEL WIDTH           | FRAME HEIGHT | GLASS TYPE | DESIGN LOAD |
| INCH                       | INCH         |            | PSF (+/-)   |
| 54.5                       | 148.5        | G3,G4A     | 162         |
| 50.5                       | 148.5        | G2,G2A,G3A | 162         |
| 54.5                       | 137          |            | 162         |
| 54.5                       | 132          |            | 162         |
| 54.5                       | 148.5        | G2,G2A,G3A | 110         |

LIFT & SLIDE  
SEE SHEET E7 FOR  
ADDITIONAL QUALIFIED  
CONFIGURATIONS

FLORIDA APPROVAL:  
FL#28876.3

YIPING WANG  
FLORIDA LICENSE  
#55983  
C.A.N. 28899  
March 07th, 2024

MCY ENGINEERING, INC.  
GLAZING CONSULTANTS

12781 MIRAMAR PKWY. STE. 301  
MIRAMAR, FL 33027  
P: 305.271.0117  
www.MCYEngineering.com mcy@mcyengineering.com

SERIES 2850 2 TRACK LIFT AND SLIDE GLASS DOOR S.M.I.

CONTINENTAL GLASS SYSTEMS  
325 WEST 74 PLACE,  
HIALEAH, FL 33014  
TEL. (305) 231-1101

|            |            |             |            |
|------------|------------|-------------|------------|
| Drawn Date | 03.04.2024 | Scale       |            |
| Rev. No.   | R2         | Date        | 03.04.2024 |
| Drawn By   | James      | Description | FBG 2023   |

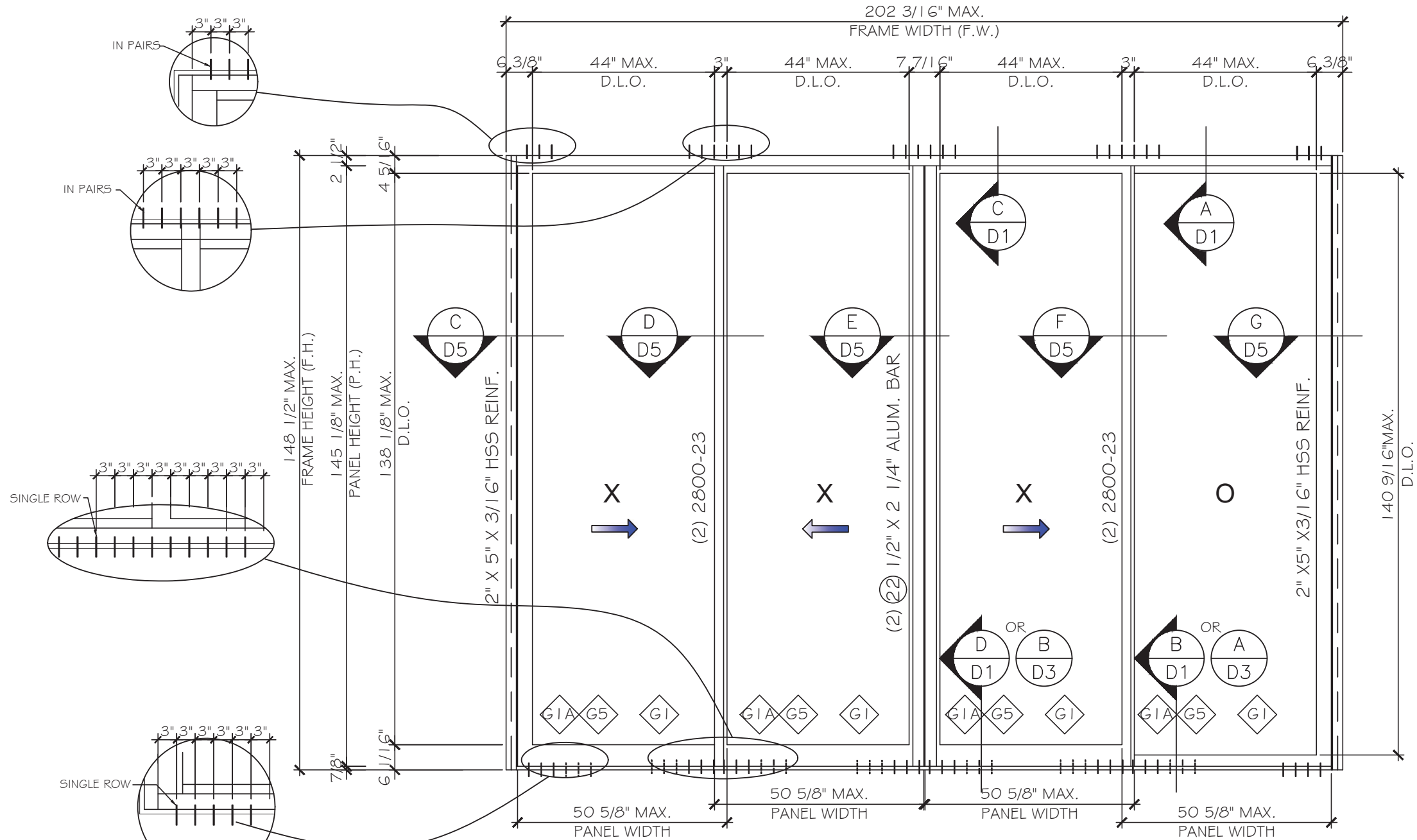
DRAWING NO.

AD21-34

Sheet No.

3 OF 22

E2



TYPICAL EXTERIOR ELEVATION (XXXO)  
SEE ANCHOR OPTION & ANCHOR CHART ON SHEET A1 & A2  
MAX. ALLOWABLE DESIGN LOAD FOR  
SIZE SHOWN OR SMALLER: ± 162 PSF

LIFT & SLIDE  
SEE SHEET E7 FOR  
ADDITIONAL QUALIFIED  
CONFIGURATIONS

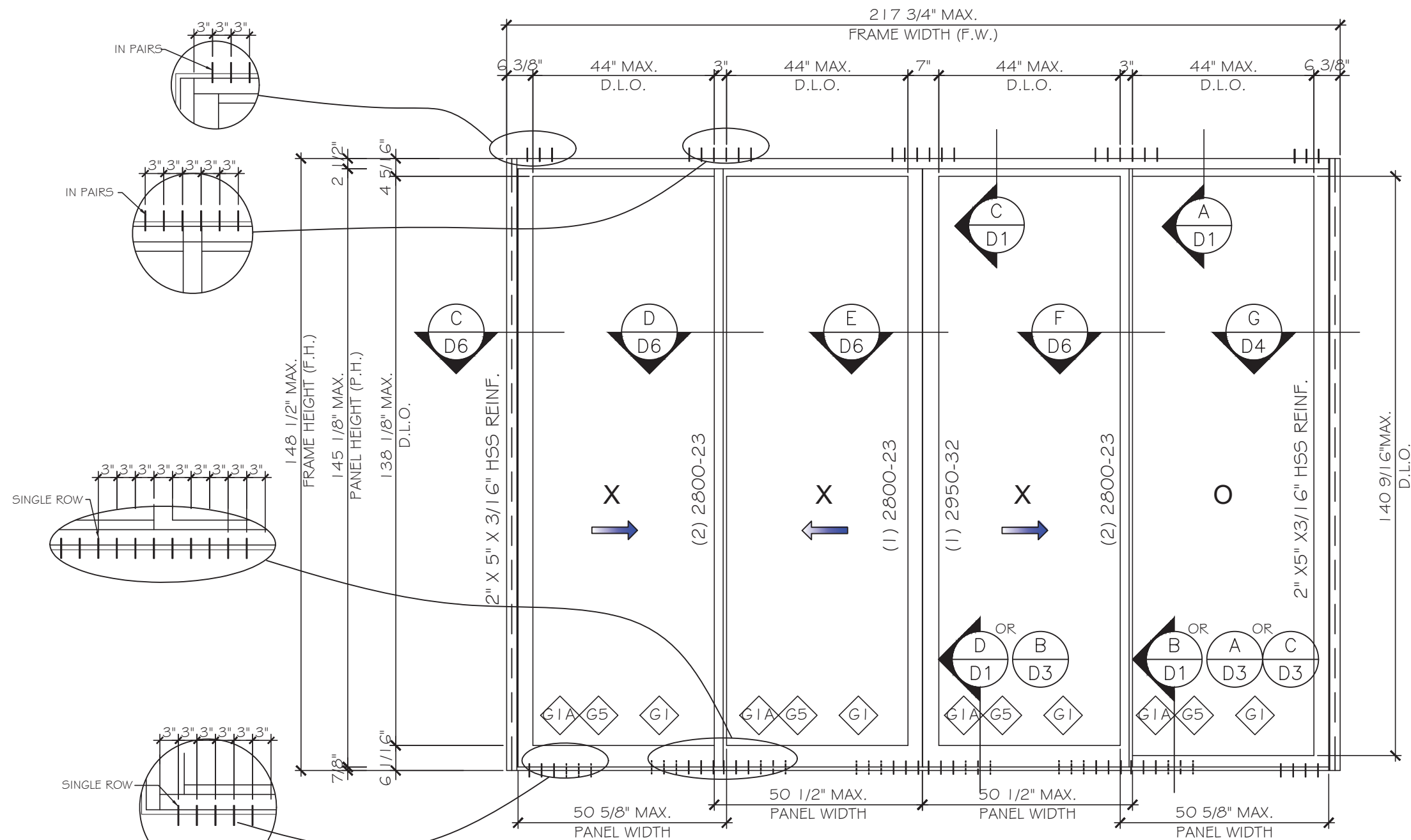
FLORIDA APPROVAL:  
FL#28876.3

Professional Engineer Seal for YIPING WANG, State of Florida, License No. 55983, dated March 07th, 2024.

**MCY ENGINEERING, INC.**  
GLAZING CONSULTANTS  
12781 MIRAMAR PKWY. STE. 301  
MIRAMAR, FL 33027  
P: 305.271.0117  
www.MCYEngineering.com mcy@mcyengineering.com

SERIES 2850 2 TRACK LIFT AND SLIDE GLASS DOOR S.M.I.  
**CONTINENTAL GLASS SYSTEMS**  
325 WEST 74 PLACE,  
HIALEAH, FL 33014  
TEL. (305) 231-1101

|                        |            |          |             |
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| Rev. No.               | Date       | Drawn By | Description |
| R2                     | 03.04.2024 | James    | FBG 2023    |
| Drawn Date             | 03.04.2024 | Scale    |             |
| DRAWING NO.<br>AD21-34 |            |          |             |
| Sheet No.<br>4 OF 22   |            |          |             |



TYPICAL EXTERIOR ELEVATION (XXXO)  
SEE ANCHOR OPTION & ANCHOR CHART ON SHEET A1 & A2

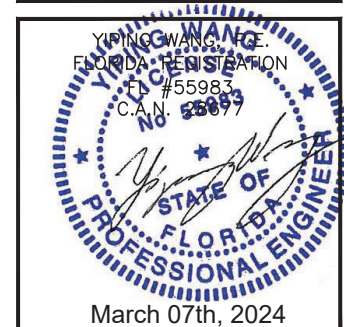
| DESIGN LOAD CAPACITY - PSF |              |            |             |
|----------------------------|--------------|------------|-------------|
| NOM. PANEL WIDTH           | FRAME HEIGHT | GLASS TYPE | DESIGN LOAD |
| INCH                       | INCH         |            | PSF (+/-)   |
| 54.5                       | 148.5        | G3,G4A     | 162         |
| 50.5                       | 148.5        | G2,G2A,G3A | 162         |
| 54.5                       | 137          |            | 162         |
| 54.5                       | 132          |            | 162         |
| 54.5                       | 148.5        | G2,G2A,G3A | 110         |

STANDARD SGD

SEE SHEET E7 FOR  
ADDITIONAL QUALIFIED  
CONFIGURATIONS

FLORIDA APPROVAL:

FL#28876.3



|                              |  |  |  |  |  |       |             |          |          |             |
|------------------------------|--|--|--|--|--|-------|-------------|----------|----------|-------------|
|                              |  |  |  |  |  |       |             |          |          |             |
|                              |  |  |  |  |  |       |             |          | FBC 2023 | Description |
|                              |  |  |  |  |  |       | Jamies      | Drawn By |          |             |
|                              |  |  |  |  |  |       | 103.04.2024 | Date     |          |             |
|                              |  |  |  |  |  | R2.   |             | Rev. No. |          |             |
| Drawn Date<br>03.04.2024     |  |  |  |  |  | Scale |             |          |          |             |
| DRAWING NO.<br><br>AD2 I -34 |  |  |  |  |  |       |             |          |          |             |
| <br>E4                       |  |  |  |  |  |       |             |          |          |             |
| Sheet No.<br>5 OF 22         |  |  |  |  |  |       |             |          |          |             |

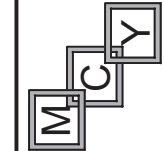
SERIES 2850 2 TRACK LIFT AND SLIDE GLASS DOOR S.M.I.

CONTINENTAL GLASS SYSTEMS

325 WEST 74 PLACE,  
HIALEAH, FL 33014

TEL. (305) 231-1101

TEL. (305) 231-1101



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GLAZING CONSULTANTS

## ENGINEERING, GLAZING CONSULTANTS

12781 MIRAMAR PKWY. STE. 301  
MIRAMAR, FL 33027

MIRAMAR, FL 33027

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mcy@mcyengineering.com

www.MCSEngineering.com

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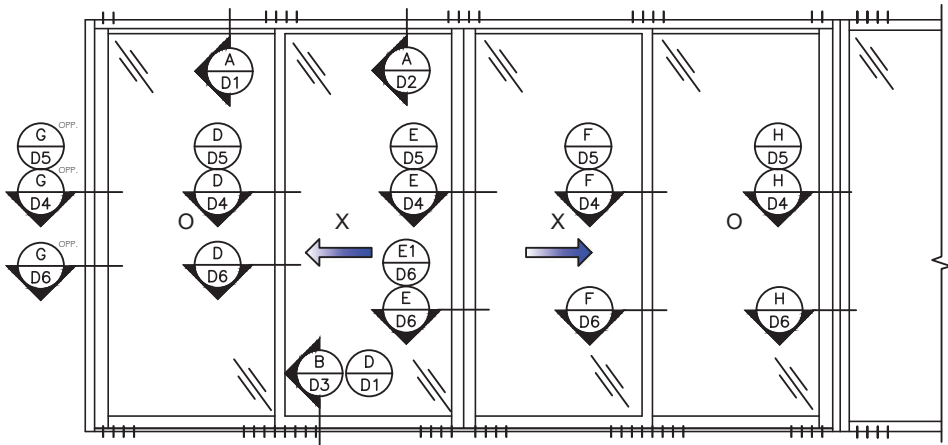
mcy@mcyengineering.com



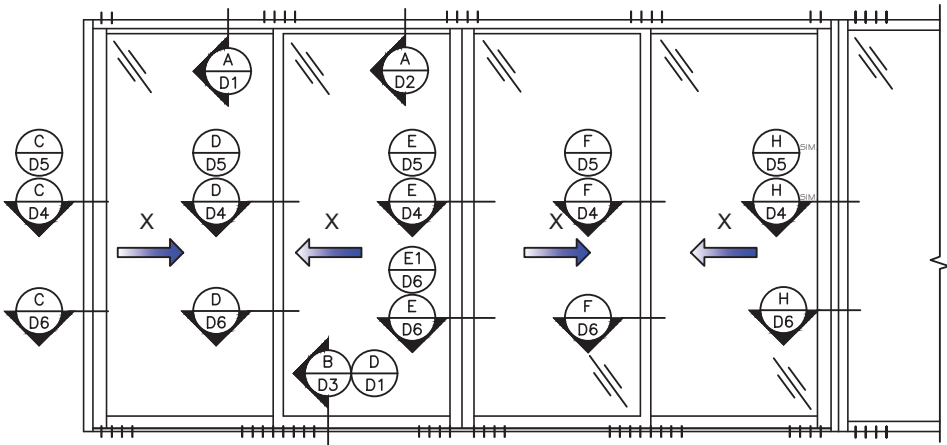


TYPICAL LIFT & SLIDE OR STANDARD SGD OPTIONAL CONFIGURATIONS

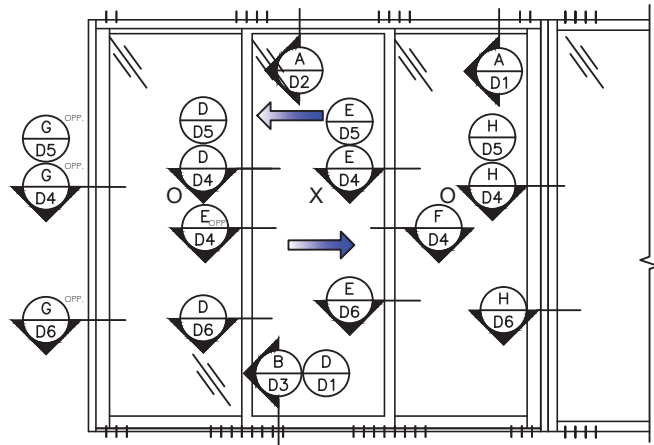
ALL SGD TYPES CAN BE USED WITH OR WITHOUT WINDOW WALL CGS WW3900 SYSTEM AT EITHER SIDE OF SGD.  
WINDOW WALL IS UNDER SEPARATE APPROVAL.



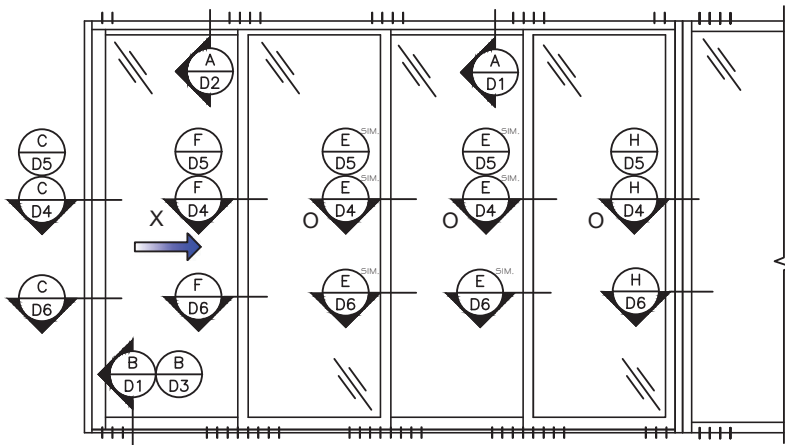
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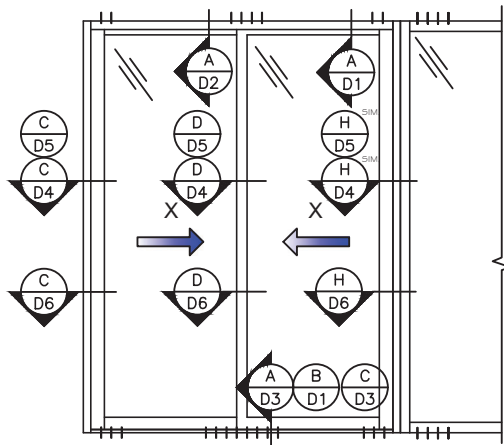
(4) PANELS SGD XXXX  
NO WATER RESISTANCE



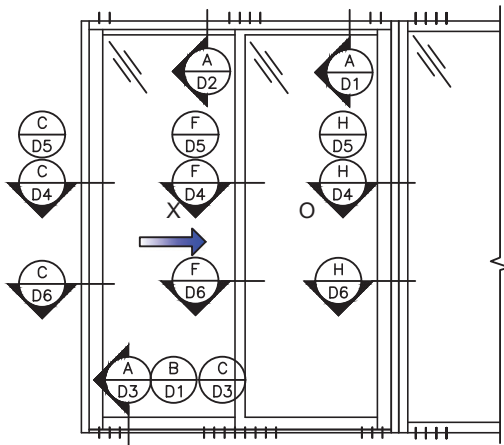
(3) PANELS SGD OXO



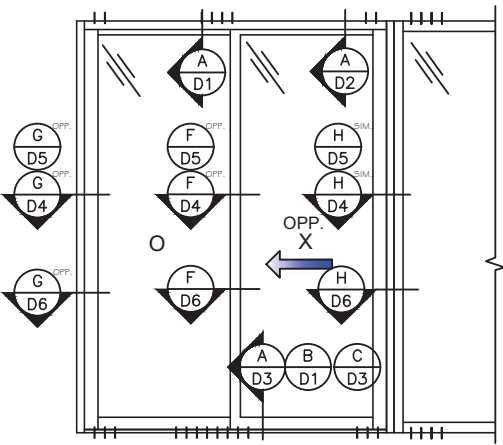
(4) PANELS SGD XOO



(2) PANELS SGD XX  
NO WATER RESISTANCE



(2) PANELS SGD XO



(2) PANELS SGD OX

FLORIDA APPROVAL:  
FL#28876.3

YIPING WANG  
FLORIDA REGISTRATION  
#55983  
C.A.N. 28899  
March 07th, 2024

SERIES 2850 2 TRACK LIFT AND SLIDE GLASS DOOR S.M.I.

CONTINENTAL GLASS SYSTEMS

325 WEST 74 PLACE,  
HIALEAH, FL 33014

TEL. (305) 231-1101

MCY ENGINEERING, INC.

GLAZING CONSULTANTS

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MIRAMAR, FL 33027

P. 305.271.0117

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| Rev. No.    | Date       | Drawn By | Description |
|-------------|------------|----------|-------------|
| R2          | 03.04.2024 | James    | FBC 2023    |
| Drawn Date  | 03.04.2024 | Scale    |             |
| DRAWING NO. | AD21-34    |          |             |
| Sheet No.   | 8          | OF 22    |             |

| DESIGN LOAD DUE TO ANCHOR CAPACITY - PSF |        |                           |         |         |
|------------------------------------------|--------|---------------------------|---------|---------|
| DOOR PANEL SIZE                          |        | HEAD & SILL INTO CONCRETE |         |         |
| WIDTH                                    | HEIGHT | A8                        | A10     | A12     |
|                                          |        | 1/2" MAX. SHIM            |         |         |
| (IN)                                     | (IN)   | (+)/(-)                   | (+)/(-) | (+)/(-) |
| 42                                       | 120    | 162.00                    | 162.00  | 162.00  |
| 48                                       |        | 162.00                    | 162.00  | 162.00  |
| 54                                       |        | 145.78                    | 162.00  | 162.00  |
| 42                                       | 126    | 162.00                    | 162.00  | 162.00  |
| 48                                       |        | 156.19                    | 162.00  | 162.00  |
| 54                                       |        | 138.84                    | 162.00  | 162.00  |
| 42                                       | 132    | 162.00                    | 162.00  | 162.00  |
| 48                                       |        | 149.09                    | 162.00  | 162.00  |
| 54                                       |        | 132.53                    | 162.00  | 162.00  |
| 42                                       | 138    | 162.00                    | 162.00  | 162.00  |
| 48                                       |        | 142.61                    | 162.00  | 162.00  |
| 54                                       |        | 126.76                    | 158.45  | 162.00  |
| 42                                       | 144    | 156.19                    | 162.00  | 162.00  |
| 48                                       |        | 136.67                    | 162.00  | 162.00  |
| 54                                       |        | 121.48                    | 151.85  | 162.00  |
| 42                                       | 148    | 151.46                    | 162.00  | 162.00  |
| 48                                       |        | 132.53                    | 162.00  | 162.00  |
| 54                                       |        | 117.80                    | 147.25  | 162.00  |

-TYPICAL ANCHORS: (SEE ELEVATIONS FOR SPACING)

TYPE 'C' -- 5/16" DIA. SELF DRILLING SCREWS (GRADE 5 CRS) (F<sub>u</sub>=120 KSI, F<sub>y</sub>=92 KSI)  
INTO STEEL STRUCTURE: 1/8" MIN. (F<sub>y</sub>=36 KSI MIN.)  
 MIN. THREE THREADS PENETRATION BEYOND METAL WALL.  
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

AT HEAD (JAMB SIDE)

AT HEAD (INTERLOCKS/ASTRAGALS)

AT SILL (JAMB SIDE)

AT SILL (INTERLOCKS/ASTRAGALS)

"A8" OR "B8" OR "C8"

AT HEAD (JAMB SIDE)

AT HEAD (INTERLOCKS/ASTRAGALS)

AT SILL (JAMB SIDE)

AT SILL (INTERLOCKS/ASTRAGALS)

"A10" OR "B10" OR "C10"

AT HEAD (JAMB SIDE)

AT HEAD (INTERLOCKS/ASTRAGALS)

AT SILL (JAMB SIDE)

AT SILL (INTERLOCKS/ASTRAGALS)

"A12" OR "B12" OR "C12"

YIPING WANG, P.E.  
FLORIDA REGISTRATION  
FL #55983  
C.A.N. 22677

STATE OF FLORIDA  
PROFESSIONAL ENGINEER

March 07th, 2024

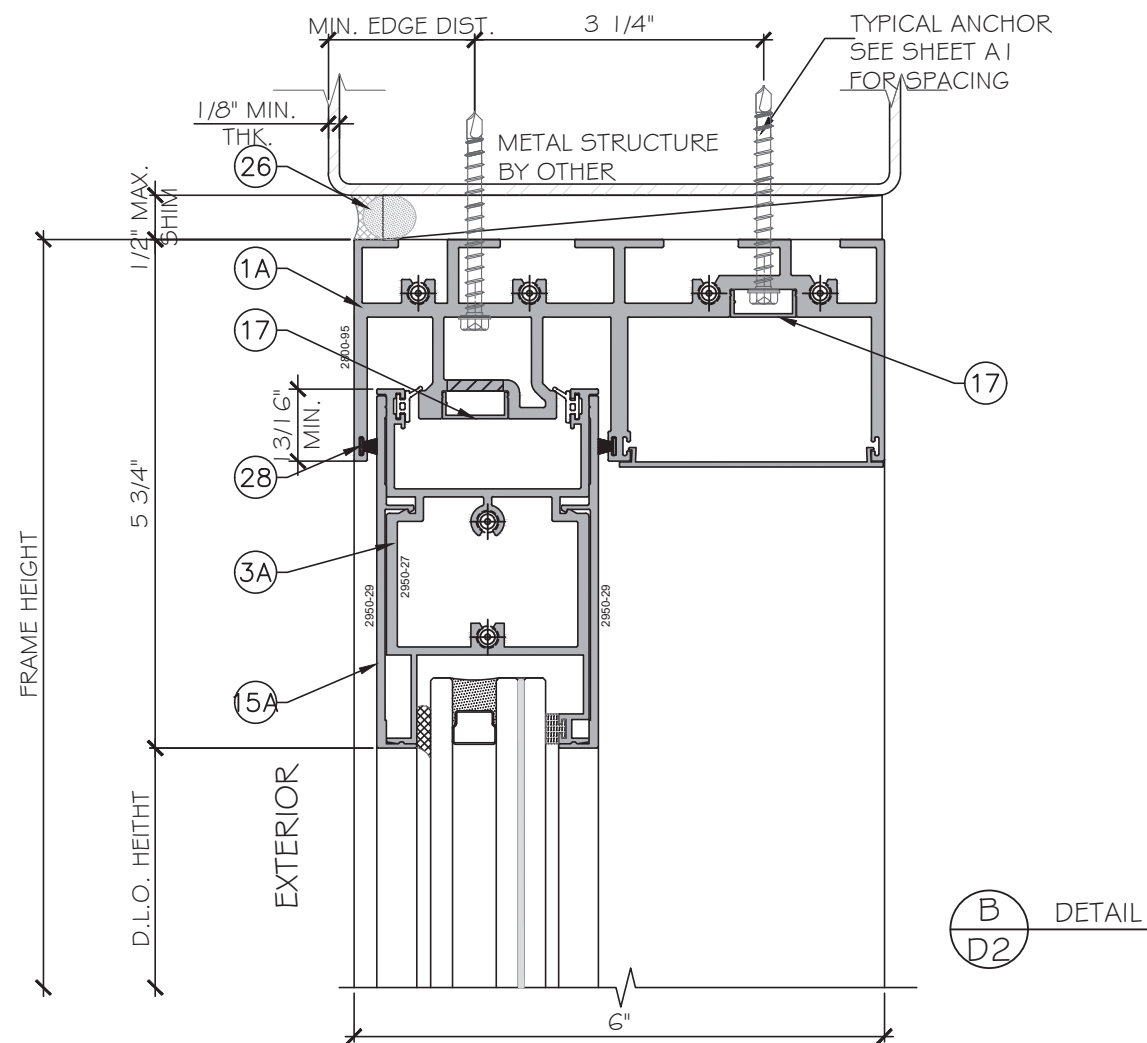
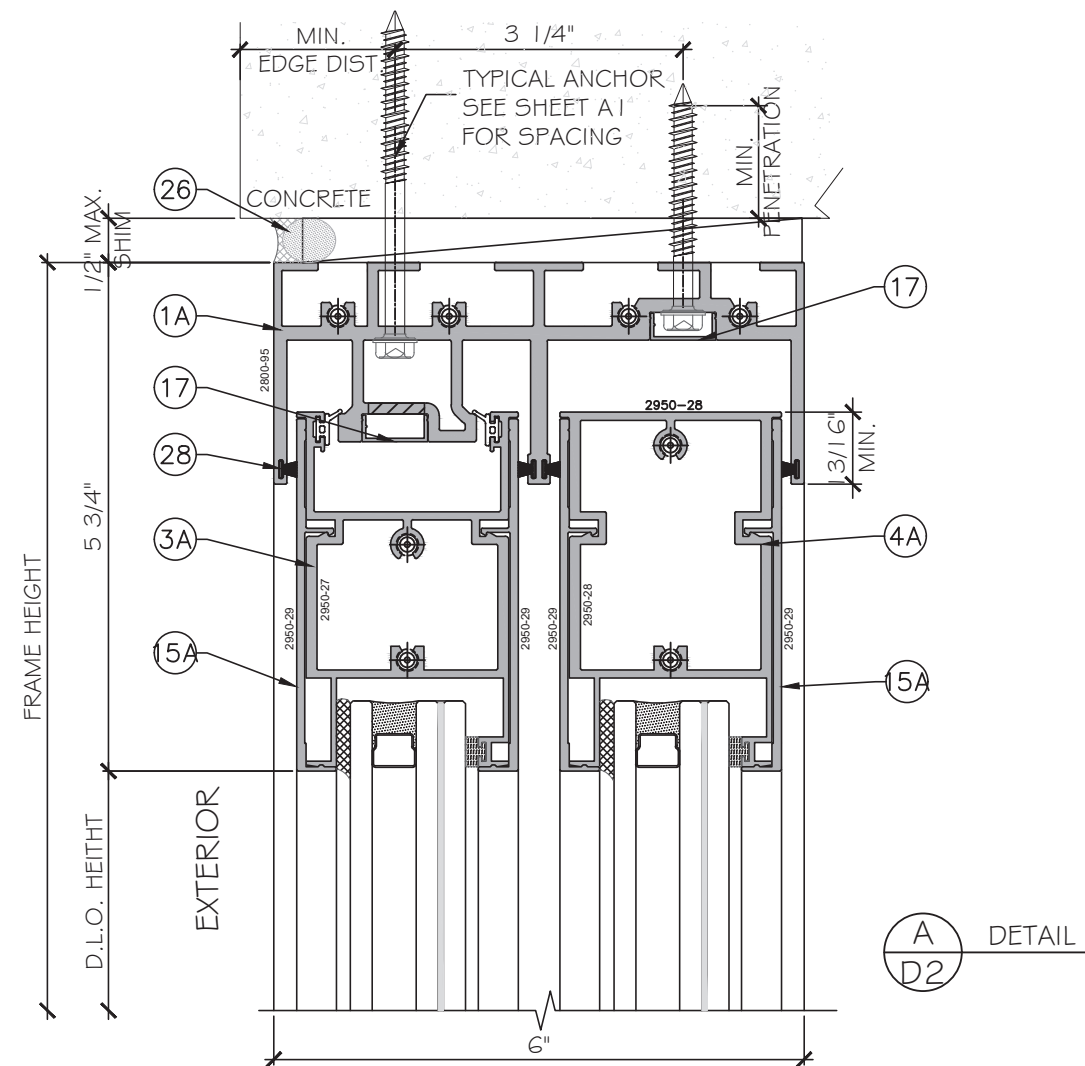
**MCY ENGINEERING, INC.**  
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12781 MIRAMAR PKWY. STE. 301  
MIRAMAR, FL 33027 P: 305.271.1100  
www.MCYEngineering.com mcy@mcyengineering.com

**CONTINENTAL GLASS SYSTEMS**  
325 WEST 74 PLACE,  
HIALEAH, FL 33014  
TEL. (305) 231-1101

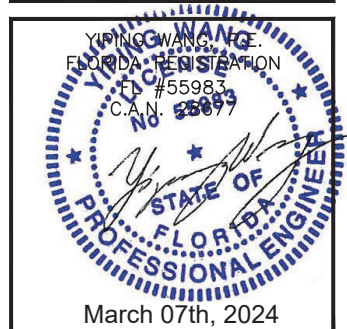
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|                            |  |  |  |       | FBC 2023   | Description |
|                            |  |  |  |       | James      | Drawn By    |
|                            |  |  |  |       | 03.04.2024 | Date        |
|                            |  |  |  | R2.   | Rev.       | No.         |
| Drawn Date<br>03.04.2024   |  |  |  | Scale |            |             |
| DRAWING NO.<br><br>AD21-34 |  |  |  |       |            |             |
| <br>A1                     |  |  |  |       |            |             |
| Sheet No.<br><br>9 OF 22   |  |  |  |       |            |             |







FLORIDA APPROVAL:  
FL#28876.3



|                            |  |  |  |       |              |             |
|----------------------------|--|--|--|-------|--------------|-------------|
|                            |  |  |  |       | FBC 2023     | Description |
|                            |  |  |  |       | James        | Drawn By    |
|                            |  |  |  |       | 03.04.2024   | Date        |
|                            |  |  |  | R2.   | Rev./<br>No. |             |
| Drawn Date<br>03.04.2024   |  |  |  | Scale |              |             |
| DRAWING NO.<br><br>AD21-34 |  |  |  |       |              |             |
| <br>D2                     |  |  |  |       |              |             |
| Sheet No.<br><br>12 OF 22  |  |  |  |       |              |             |

SERIES 2850 2 TRACK LIFT AND SLIDE GLASS DOOR S.M.I..

CONTINENTAL GLASS SYSTEMS

325 WEST 74 PLACE,

HIALEAH, FL 33014

TEL. (305) 231-1101

**MCY ENGINEERING, INC.**

GLAZING CONSULTANTS

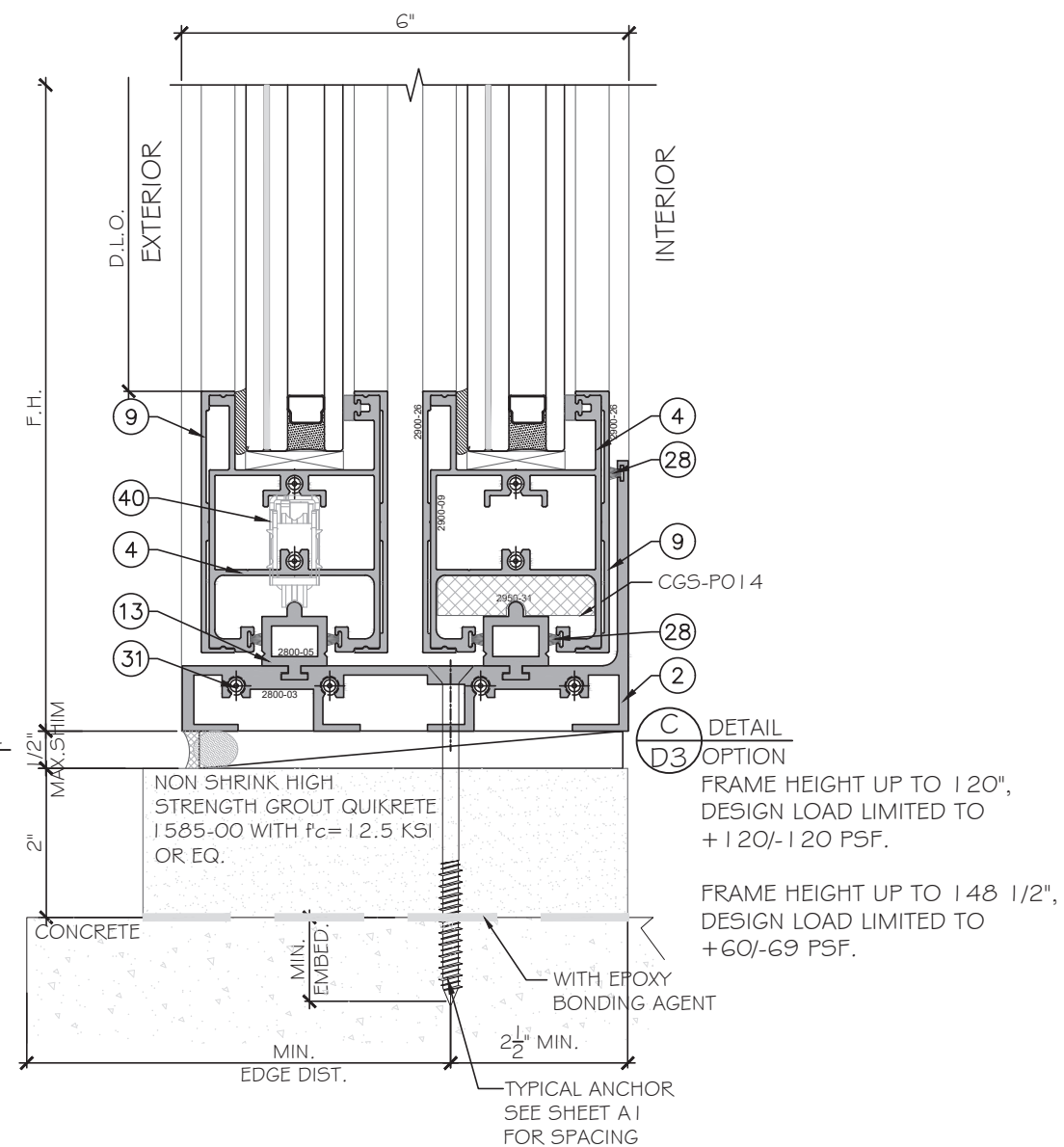
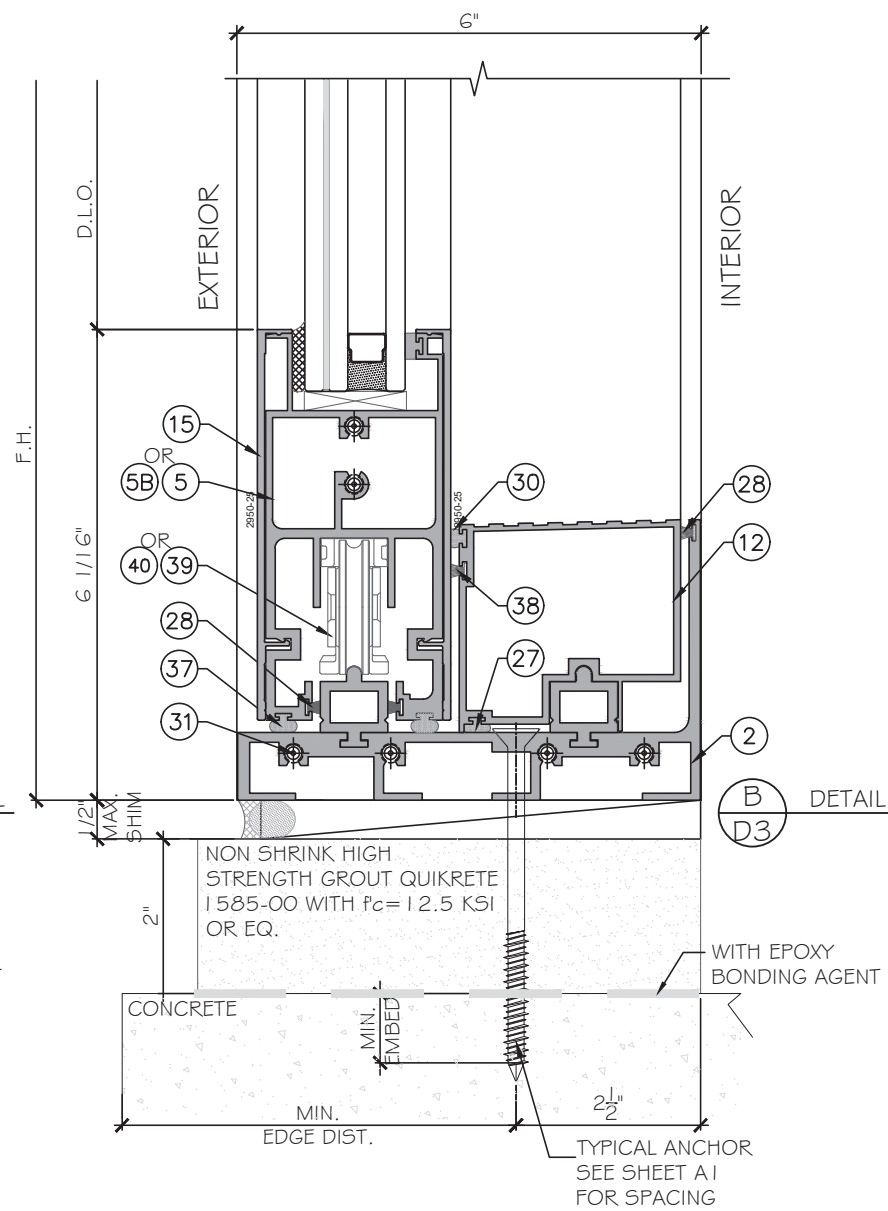
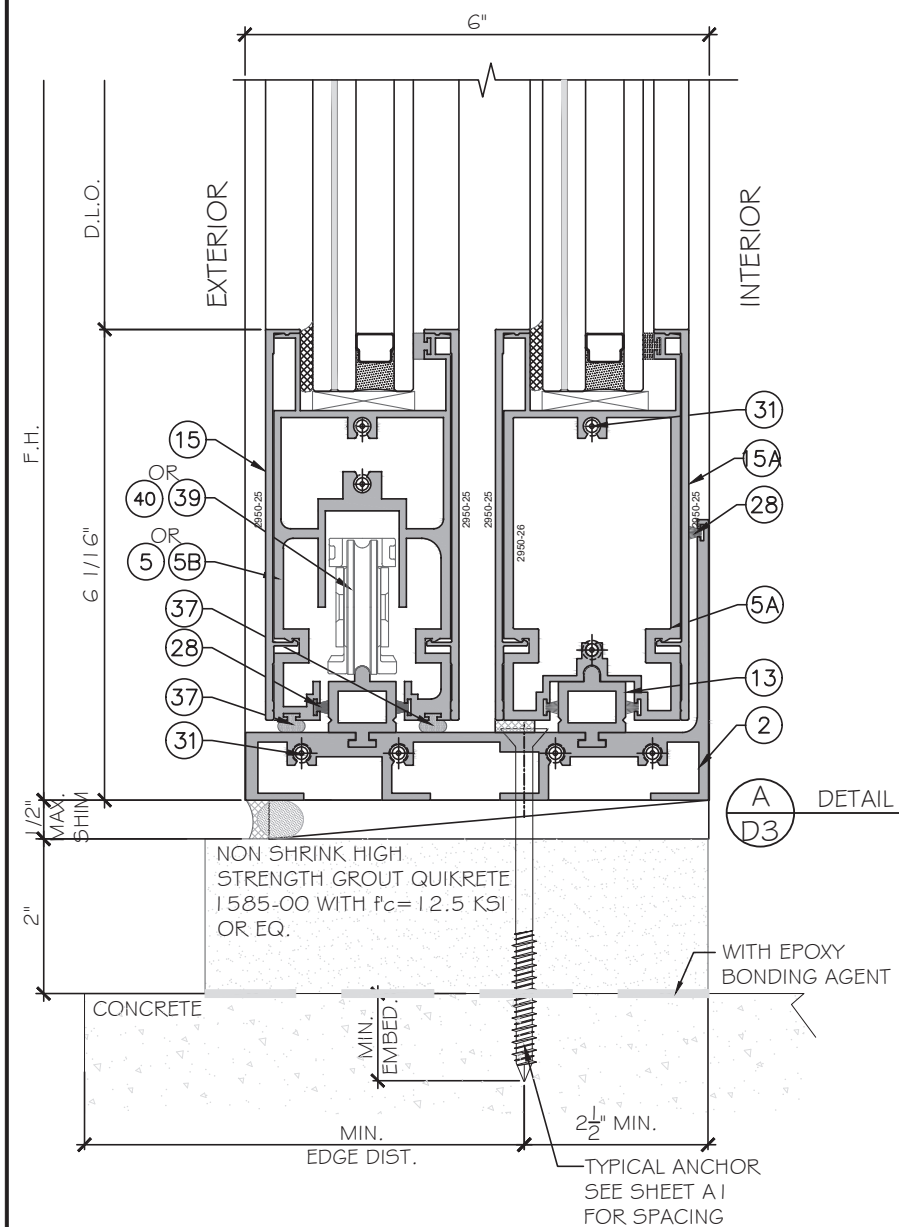
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MIRAMAR, FL 33027

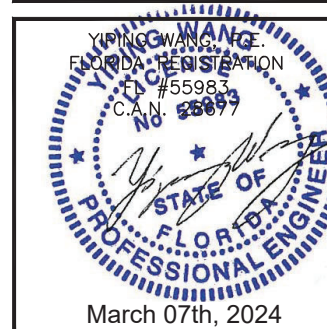
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mcy@mcyengineering.com



FLORIDA APPROVAL:  
FL#28876.3



|                            |  |  |  |  |            |          |             |
|----------------------------|--|--|--|--|------------|----------|-------------|
|                            |  |  |  |  |            | FBC 2023 | Description |
|                            |  |  |  |  | James      | Drawn By | Date        |
|                            |  |  |  |  | 03.04.2024 | R2.      | Rev. No.    |
| Drawn Date<br>03.04.2024   |  |  |  |  |            | Scale    |             |
| DRAWING NO.<br><br>AD21-34 |  |  |  |  |            |          |             |
| <br>D3                     |  |  |  |  |            |          |             |
| Sheet No.<br><br>13 OF 22  |  |  |  |  |            |          |             |

SERIES 2850 2 TRACK LIFT AND SLIDE GLASS DOOR S.M.I..

CONTINENTAL GLASS SYSTEMS

325 WEST 74 PLACE,  
HIALEAH, FL 33014

TEL. (305) 231-1101

**MCY ENGINEERING, INC.**  
GLAZING CONSULTANTS

## GLAZING CONSULTANTS

12781 MIRAMAR PKWY STE 301

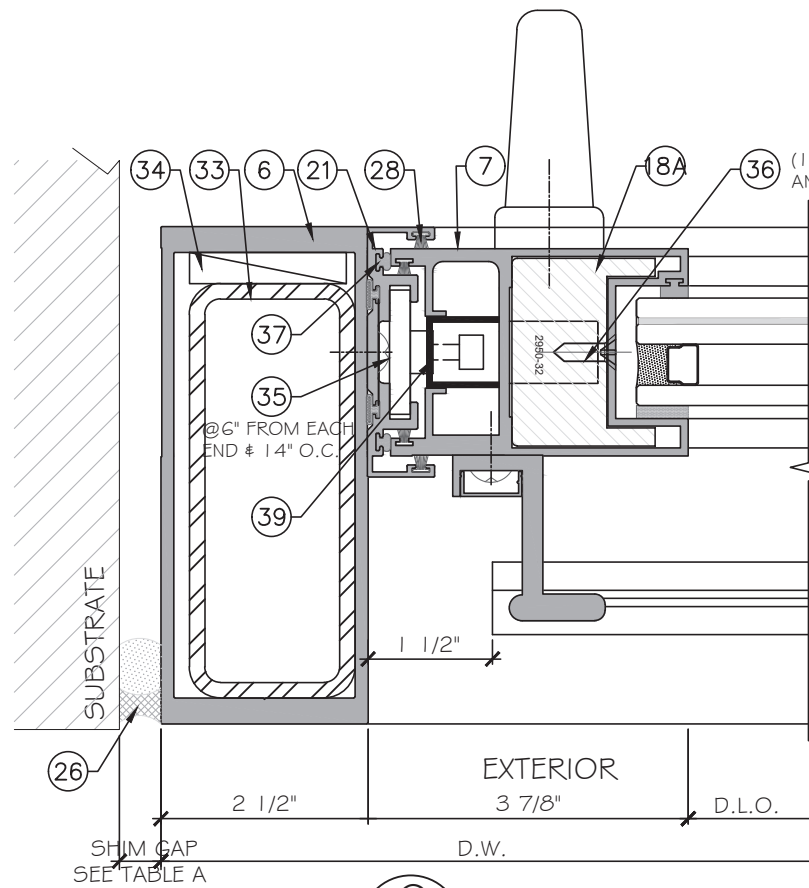
12701 MIRAMAR PARKWAY  
MIRAMAR, FL 33027

P: 305.271.0117

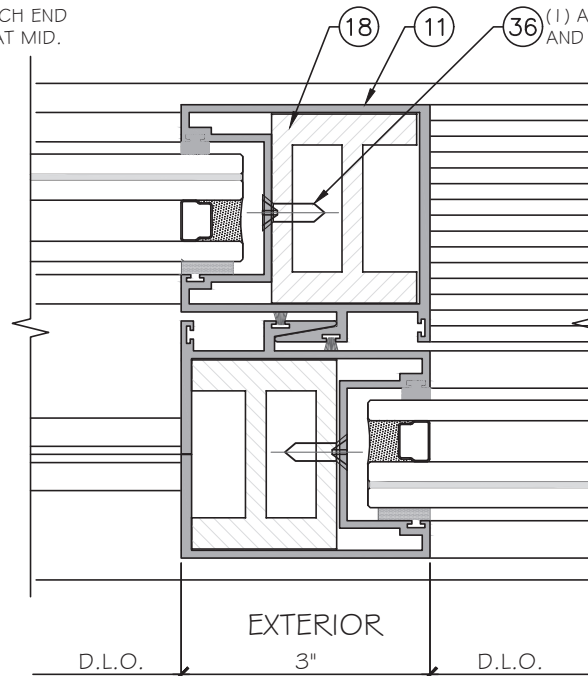
mcy@mcyengineering.com

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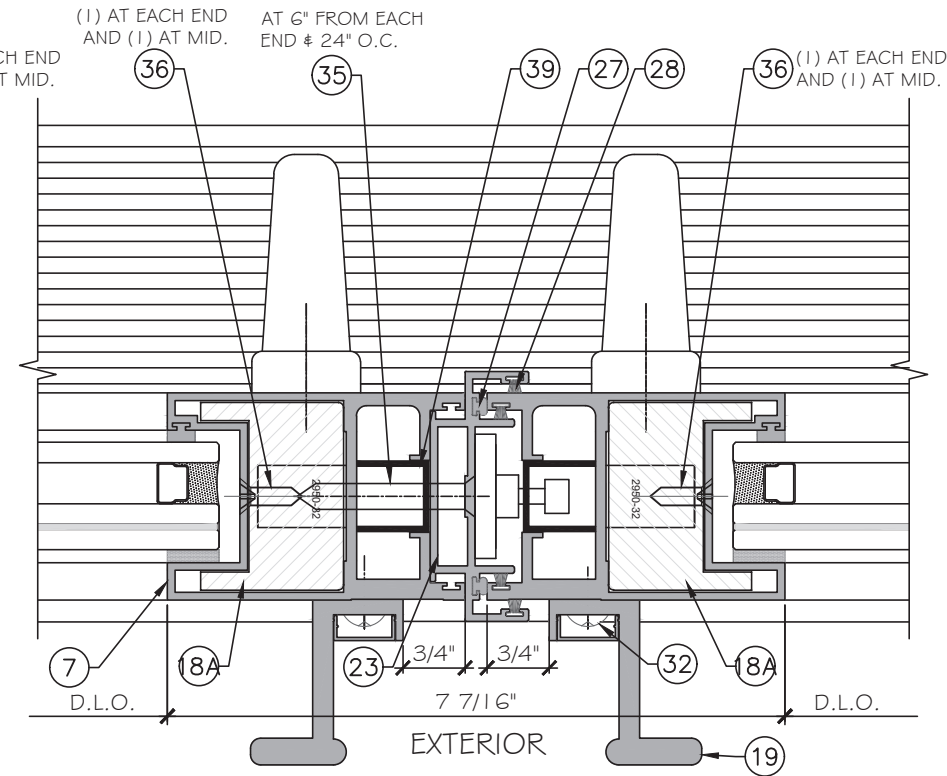
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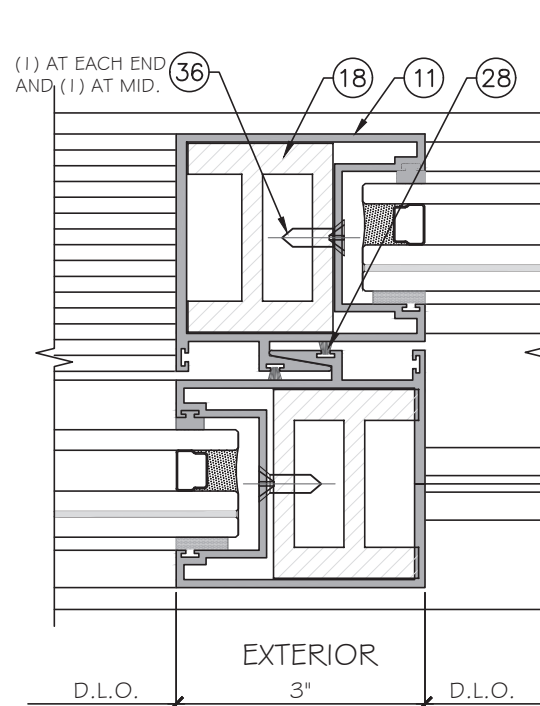
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DETAIL



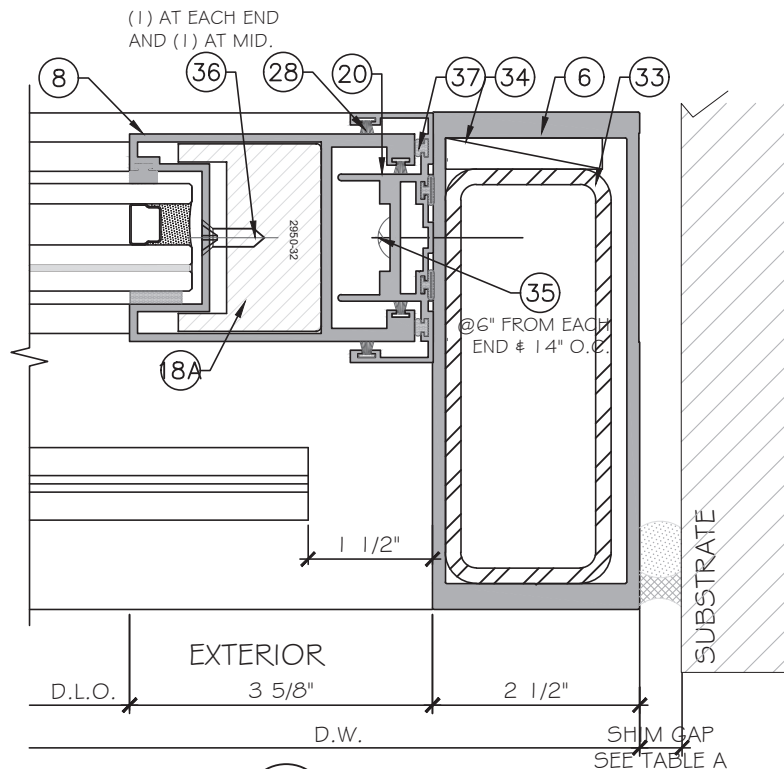
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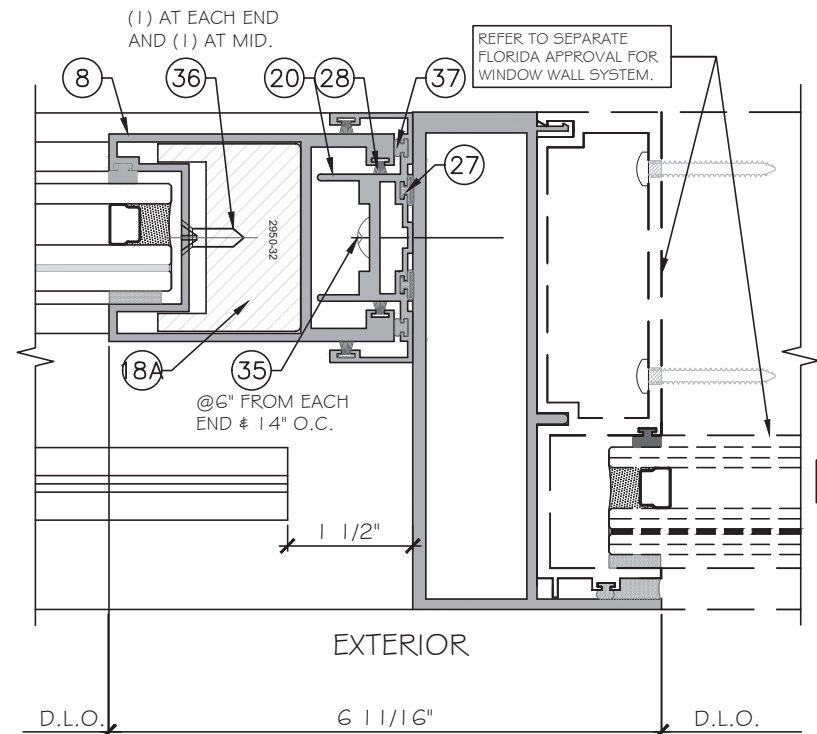
**E**  
D4  
DETAIL



**F**  
D4  
DETAIL



**G**  
D4  
DETAIL



**H**  
D4  
DETAIL

**TABLE A**

| MAX. FRAME HEIGHT | JAMB GAP |        |
|-------------------|----------|--------|
|                   | MIN.     | MAX.   |
| 96"               | 5/16"    | 1-1/2" |
| 108"              | 3/8"     | 1-1/2" |
| 120"              | 3/8"     | 1-1/2" |
| 132"              | 1/2"     | 1-1/2" |
| 144"              | 1/2"     | 1-1/2" |
| 148.5"            | 1/2"     | 1-1/2" |

LIFT AND SLIDE

FLORIDA APPROVAL:  
**FL#28876.3**

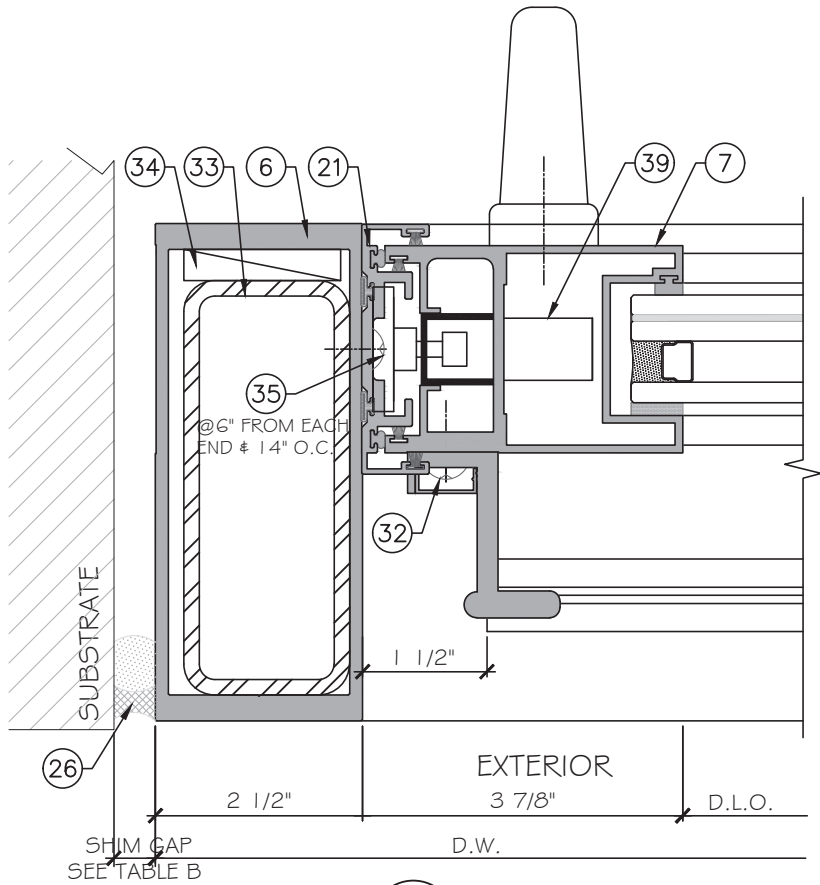
YIPING WANG  
FLORIDA REGISTRATION  
#55983  
C.A.N. 28899  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
March 07th, 2024

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GLAZING CONSULTANTS  
12781 MIRAMAR PKWY. STE. 301  
MIRAMAR, FL 33027  
P: 305.271.0117  
www.MCYEngineering.com mcy@mcyengineering.com

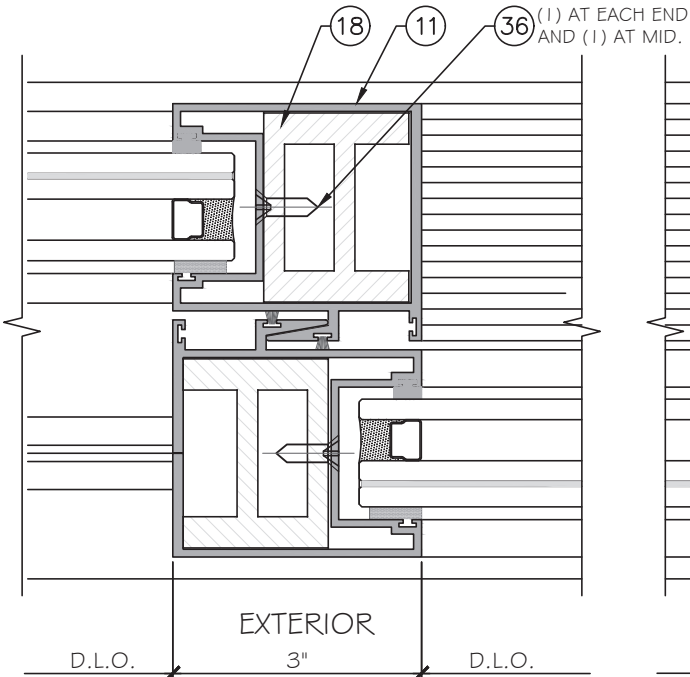
SERIES 2850 2 TRACK LIFT AND SLIDE GLASS DOOR S.M.I.  
**CONTINENTAL GLASS SYSTEMS**  
325 WEST 74 PLACE,  
HIALEAH, FL 33014  
TEL. (305) 231-1101

| Rev. No.               | Date       | Drawn By | Description |
|------------------------|------------|----------|-------------|
| R2                     | 03.04.2024 | James    | FBG 2023    |
| Drawn Date             | 03.04.2024 | Scale    |             |
| DRAWING NO.<br>AD21-34 |            |          |             |
| D4                     |            |          |             |
| Sheet No.<br>14 OF 22  |            |          |             |

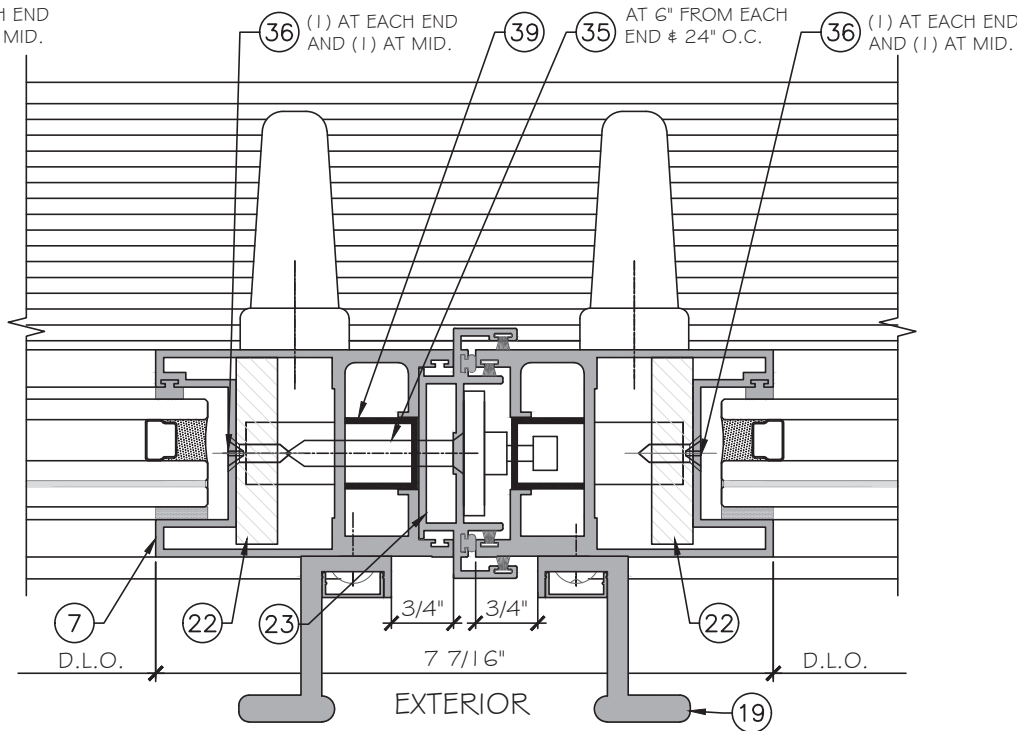
| MAX. FRAME HEIGHT | JAMB GAP |        |
|-------------------|----------|--------|
|                   | MIN.     | MAX.   |
| 90"               | 5/16"    | 1-1/2" |
| 96"               | 5/16"    | 1-1/2" |
| 102"              | 5/16"    | 1-1/2" |
| 108"              | 5/16"    | 1-1/2" |
| 114"              | 5/16"    | 1-1/2" |
| 120"              | 3/8"     | 1-1/2" |
| 126"              | 3/8"     | 1-1/2" |
| 128"              | 3/8"     | 1-1/2" |
| 130"              | 3/8"     | 1-1/2" |



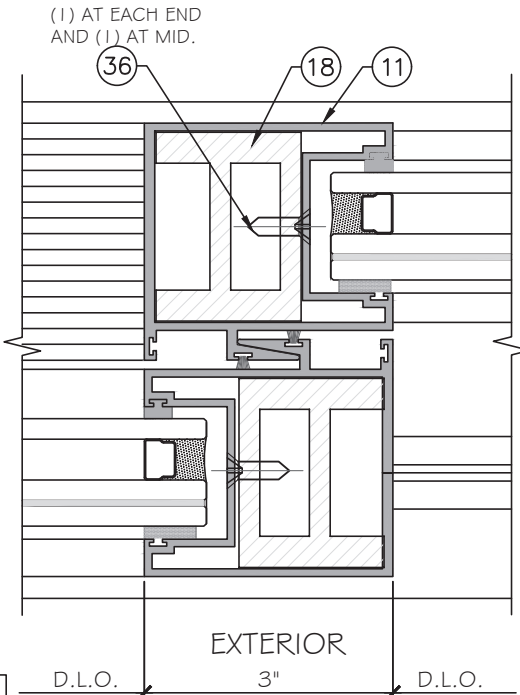
C  
D5  
DETAIL



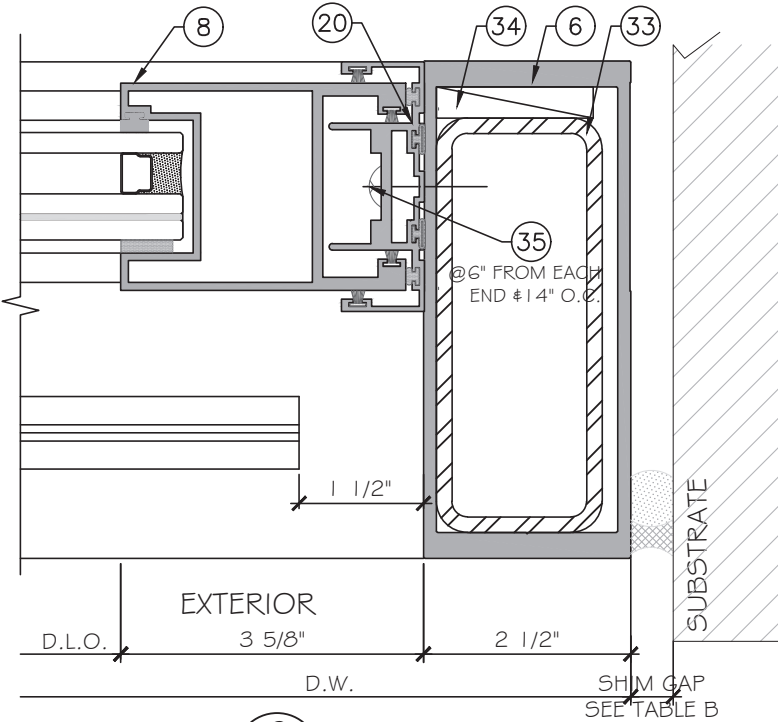
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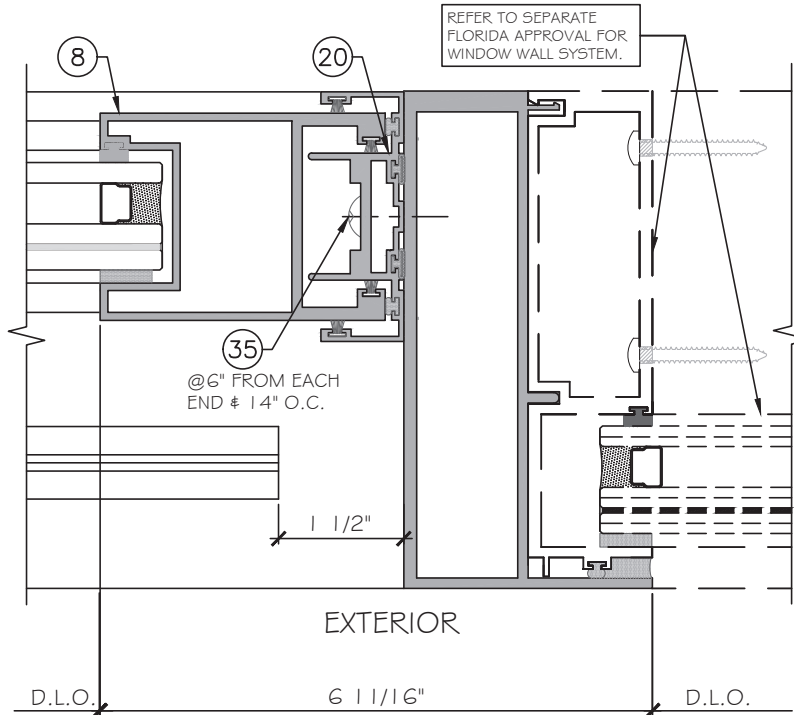
E  
D5  
DETAIL



F  
D5  
DETAIL



G  
D5  
DETAIL



H  
D5  
DETAIL

LIFT AND SLIDE  
FLORIDA APPROVAL:  
FL#28876.3

YIPING WANG  
FLORIDA REGISTRATION  
#55983  
C.A.N. 28899  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
March 07th, 2024

SERIES 2850 2 TRACK LIFT AND SLIDE GLASS DOOR S.M.I.

CONTINENTAL GLASS SYSTEMS

325 WEST 74 PLACE,

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MCY ENGINEERING, INC.

GLAZING CONSULTANTS

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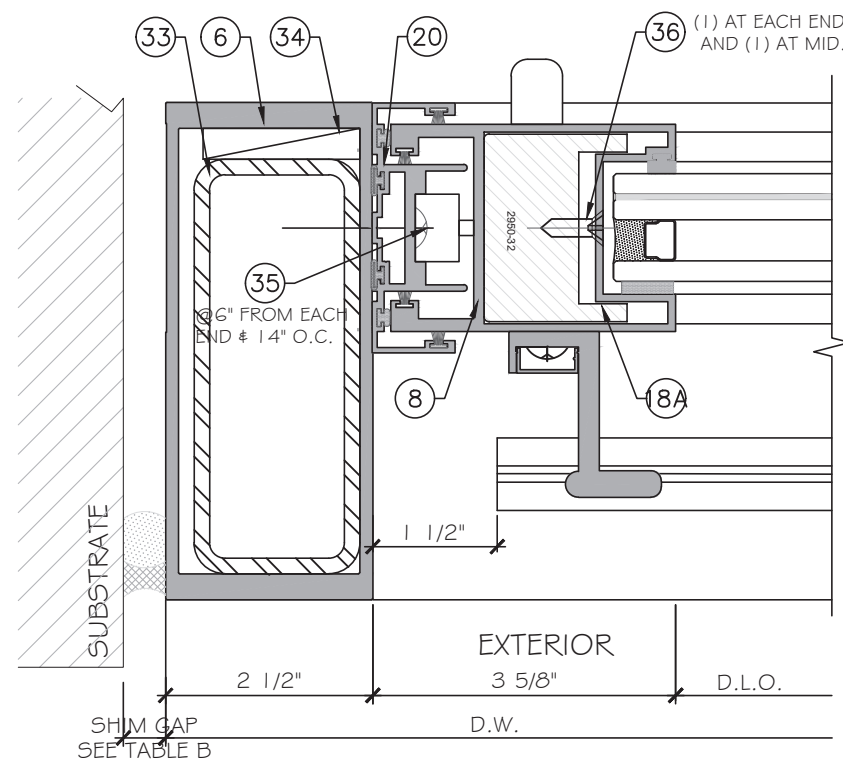
MIRAMAR, FL 33027

P. 305.271.0117

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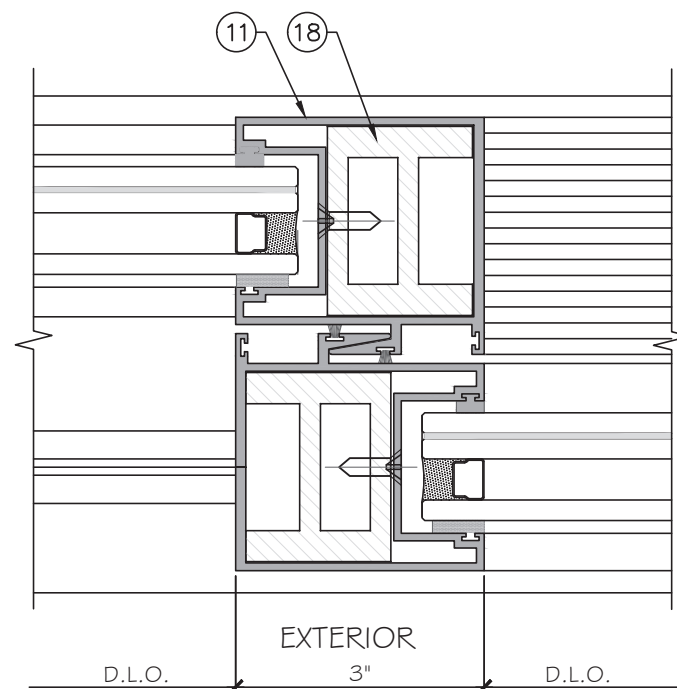
mcy@mcyengineering.com

| Rev. No.    | Date       | Drawn By | Description |
|-------------|------------|----------|-------------|
| R2          | 03.04.2024 | James    | FBC 2023    |
| Drawn Date  | 03.04.2024 | Scale    |             |
| Drawing No. | AD21-34    |          |             |
| Sheet No.   | 15 OF 22   |          |             |

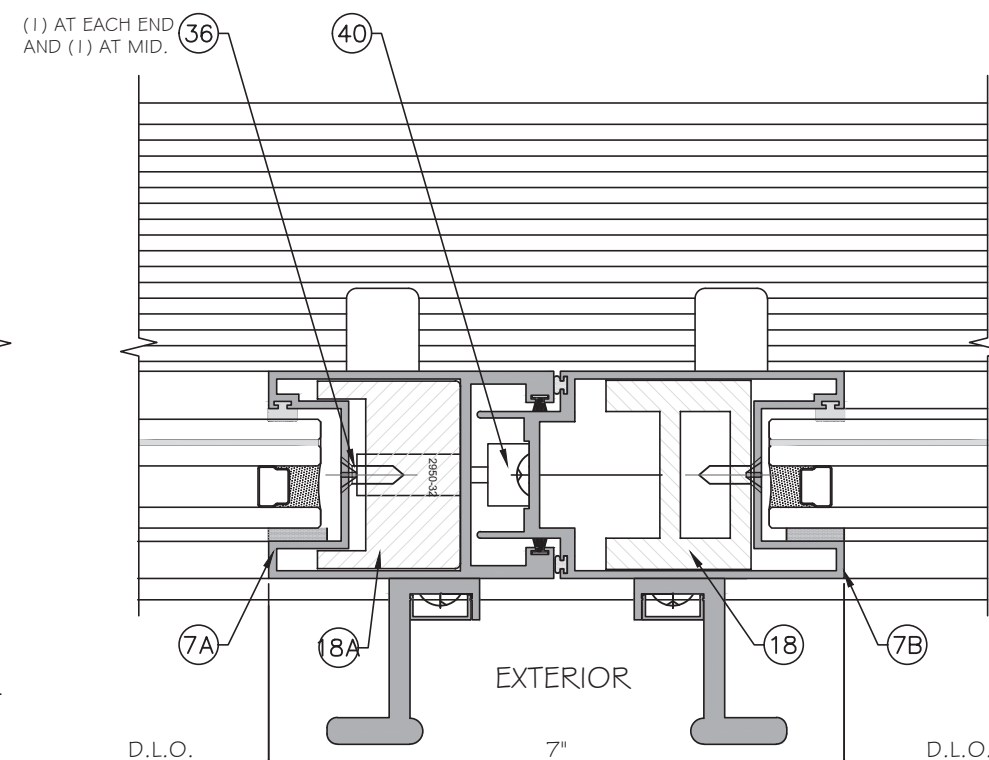


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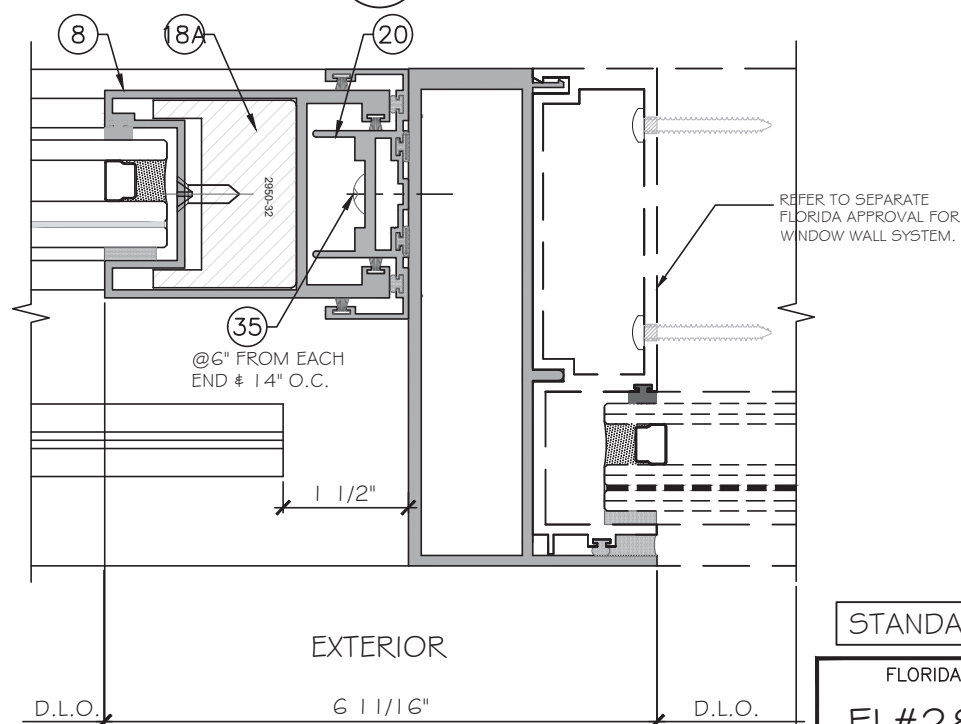
DETAIL



 DETAIL

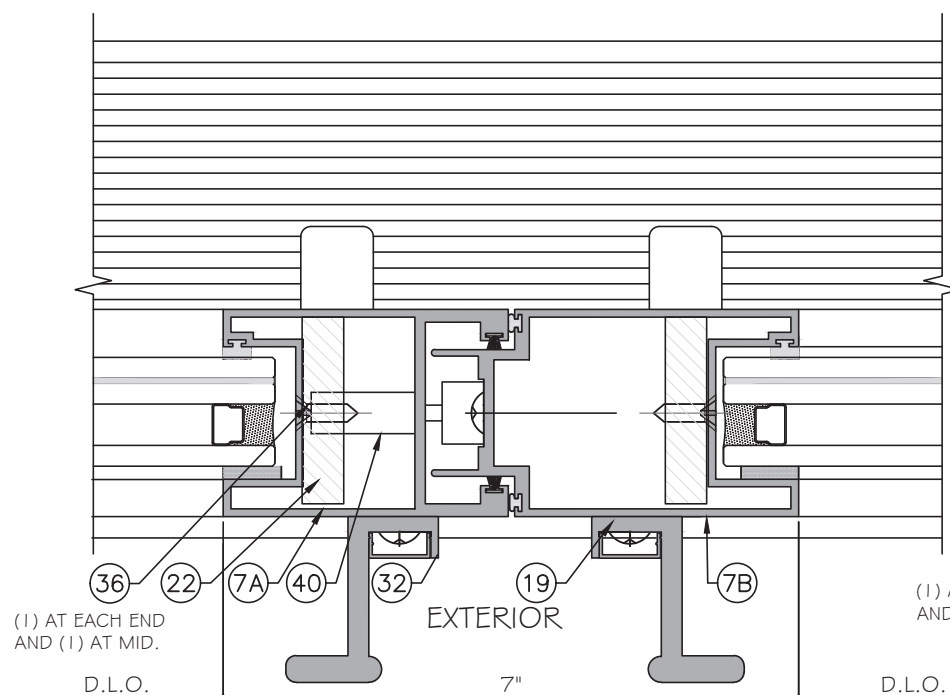


 DETAIL

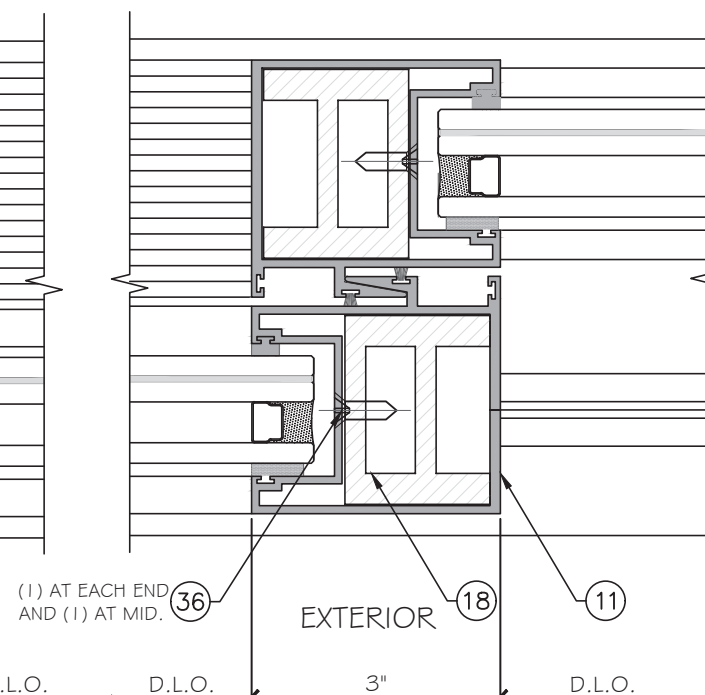


H  
D6

DETAIL



DETAIL



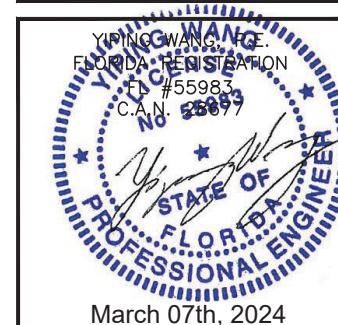
 DETAIL

| MAX. FRAME<br>HEIGHT | JAMB GAP |        |
|----------------------|----------|--------|
|                      | MIN.     | MAX.   |
| 90"                  | 5/16"    | 1-1/2" |
| 96"                  | 5/16"    | 1-1/2" |
| 102"                 | 5/16"    | 1-1/2" |
| 108"                 | 5/16"    | 1-1/2" |
| 114"                 | 5/16"    | 1-1/2" |
| 120"                 | 3/8"     | 1-1/2" |
| 126"                 | 3/8"     | 1-1/2" |
| 128"                 | 3/8"     | 1-1/2" |
| 130"                 | 3/8"     | 1-1/2" |

STANDARD SGD

FLORIDA APPROVAL:

FL#28876.3

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SERIES 2850 2 TRACK LIFT AND SLIDE GLASS DOOR S.M.I.

CONTINENTAL GLASS SYSTEMS

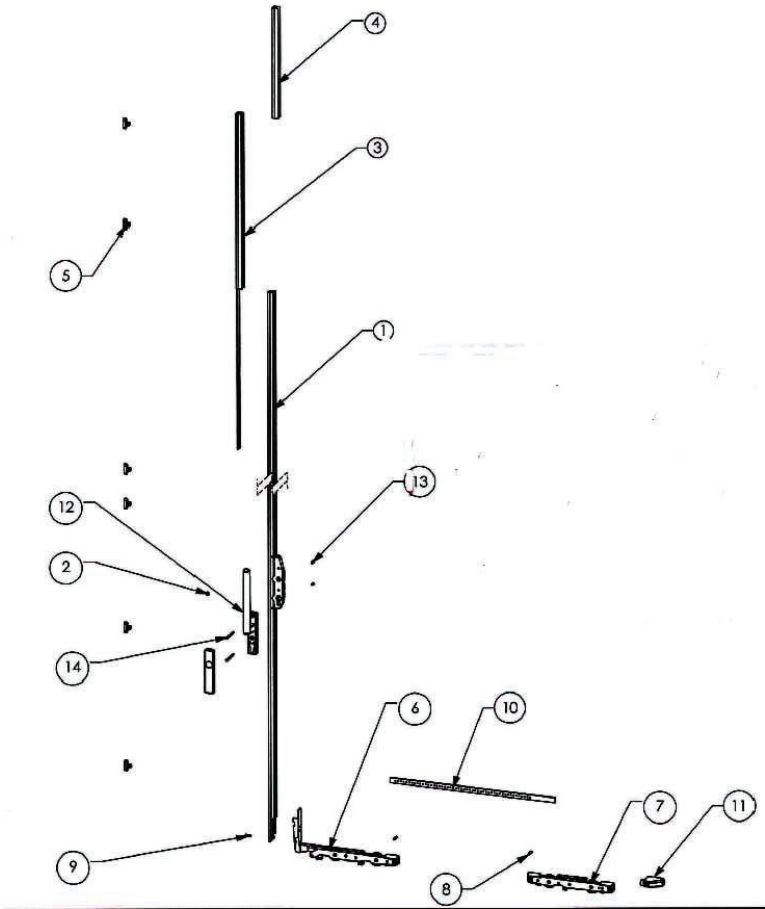
325 WEST 74 PLACE,  
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MIRAMAR, FL 33027 P: 305.271.0117

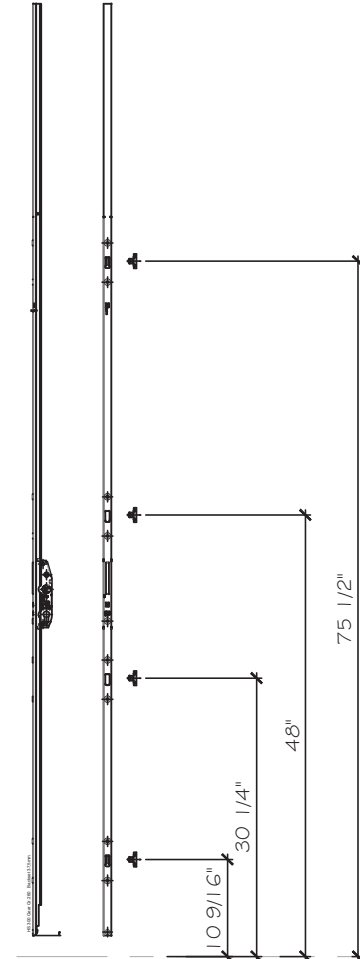
www.MCYEngineering.com      mcy@mcysengineering.com

HARDWARE ASSEMBLY FOR LIFT AND SLIDE DOOR

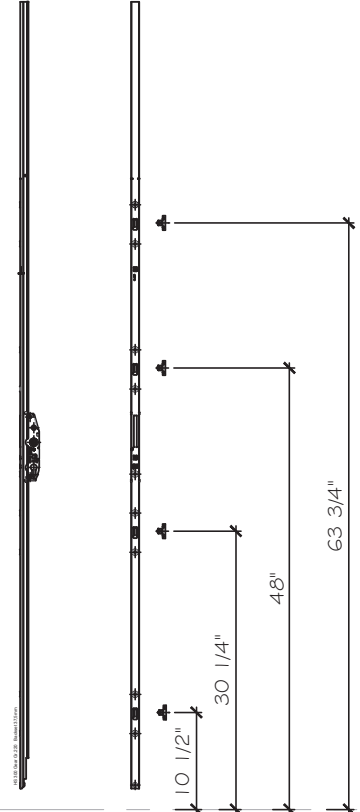


| ITEM | PART NUMBER     | DESCRIPTION                          | QTY | MARK      |
|------|-----------------|--------------------------------------|-----|-----------|
| 1    | PGKB0430-524010 | GETR.HS300-PZ-R GR.260 EV1 ESL       | 1   | INTERLOCK |
| 2    | 819708          | CLOSING CAP RAL7001 PC1              | 1   | INTERLOCK |
| 3    | PMGB0010-224011 | ADDITIONAL LOCKING HS EV1 E-LOCK B1  | 1   | INTERLOCK |
| 4    | 800102          | COVER RAIL F01 PC1                   | 1   | INTERLOCK |
| 5    | PRTB7050-200010 | TOP LOCKING PART A0013 ESL           | 6   | INTERLOCK |
| 6    | PEUB0030-200010 | FRONT BOGIE WHEELS HS 300 E-LOCK PC1 | 1   | INTERLOCK |
| 7    | PLWB0040-200010 | REAR BOGIE WHEELS HS 300 E-LOCK PC1  | 1   | INTERLOCK |
| 8    | 823132          | DOWEL PIN DIN 1470 6X16-4305         | 2   | INTERLOCK |
| 9    | 800850          | COUNTERSUNK CSREW PZD M5X13-A2       | 1   | INTERLOCK |
| 10   | 891766          | CONNECTING ROD SZ 150 E-LOCK PC1     | 1   | INTERLOCK |
| 11   | 821237          | STOP HS 9003 B1                      | 1   | INTERLOCK |
| 12   | PMHB0030-503011 | HANDLE SI-LI.HS300 A0236 RAL9010 C1  | 1   | INTERLOCK |
| 13   | 800287          | SLEEVE NUT PC1                       | 2   | INTERLOCK |
| 14   | 900047-001      | COUNT.SCREW K/PZD ISO7046 M5X63-A2   | 2   | INTERLOCK |

12'-6" DOOR HEIGHT

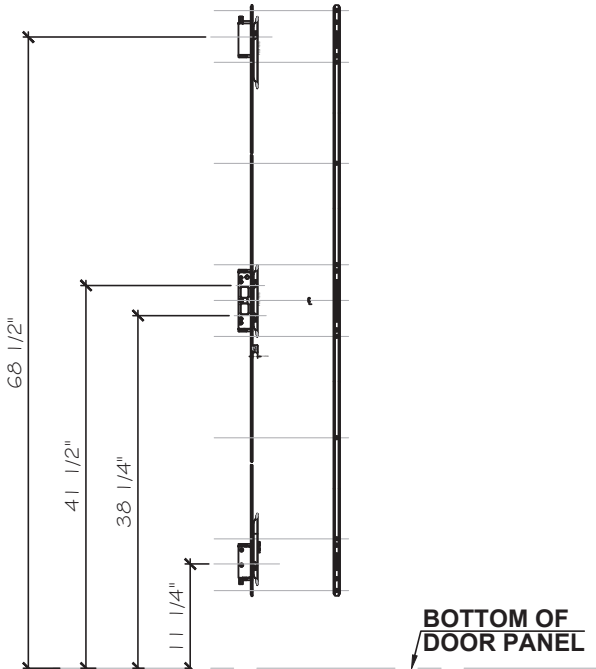
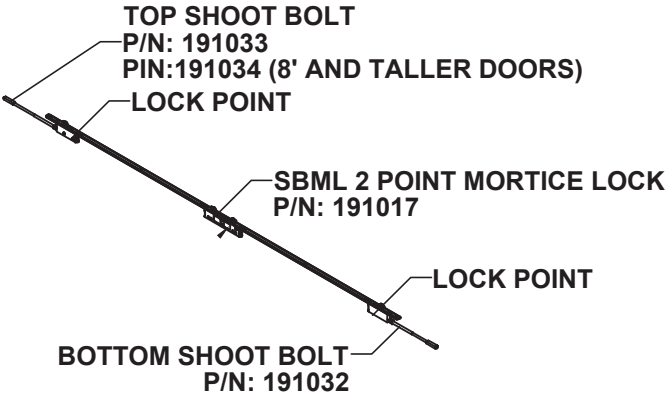


10'-10" DOOR HEIGHT



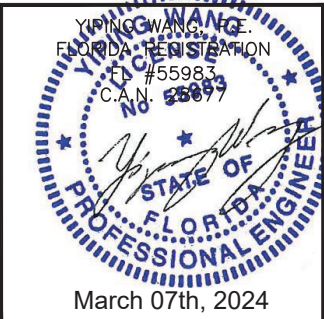
LOCK POINTS LAYOUT FOR 10'-0" DOOR HEIGHT AND 12'-6" DOOR HEIGHT.  
(LIFT & SLIDE DOOR)

LOCK OPTIONS  
FOUR POINT MORTISE LOCKS,  
PRODUCED BY INTERLOCK.



LOCK POINTS LAYOUT.

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SERIES 2850 2 TRACK LIFT AND SLIDE GLASS DOOR S.M.I.  
CONTINENTAL GLASS SYSTEMS  
325 WEST 74 PLACE,  
HIALEAH, FL 33014  
TEL. (305) 231-1101

| Rev. No.    | Date       | Drawn By | Description |
|-------------|------------|----------|-------------|
| R2          | 03.04.2024 | James    | FBC 2023    |
| Drawn Date  | 03.04.2024 | Scale    |             |
| DRAWING NO. | AD21-34    |          |             |
| HARDWARE    |            |          |             |
| Sheet No.   | 17         | OF       | 22          |

1 HEAD  
2800-02 6005-T5

2 SILL  
2800-03 6005-T5

3 FIX HORIZ.  
2900-08 6005-T5

4 MOVING HORIZ.  
2900-09 6005-T5

5 BOTTOM MOVING HORIZ.  
2950-09 6005A-T6 I

6 JAMB  
2950-04 6005A-T6 I

7 LOCK STILE  
2950-10 6005A-T6 I

8 FIXED STILE  
2900-14 6005-T5

11 INTERLOCK  
2900-11 6005-T5

12 THRESHOLD  
2800-04 6063-T6

13A SILL TRACK  
2950-31 6005-T5

13B SILL TRACK  
2950-30 6005-T5

5B BOTTOM MOVING HORIZ.  
2950-33 6005A-T6 I

FLORIDA APPROVAL:  
FL#28876.3

YIPING WANG  
FLORIDA REGISTRATION  
FL #55983  
C.A.N. 66899

March 07th, 2024

Rev. No.

Date

Drawn By

Description

|            |       |          |             |
|------------|-------|----------|-------------|
| Rev. No.   | Date  | Drawn By | Description |
| 03.04.2024 | James | FBG 2023 |             |

Drawn Date

Scale

DRAWING NO.

AD21-34

PARTS I

Sheet No.

18 OF 22

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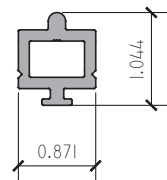
mcy@mcyengineering.com

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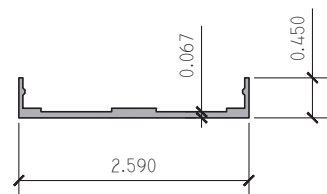
CONTINENTAL GLASS SYSTEMS

325 WEST 74 PLACE,  
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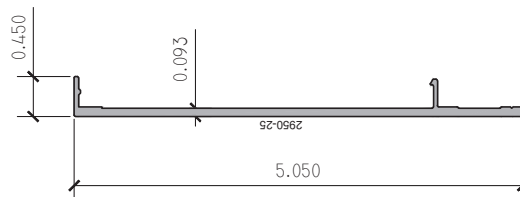
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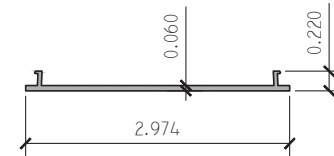
13 SILL TRACK  
2800-05 6005-T5



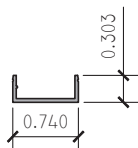
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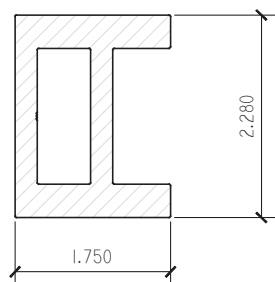
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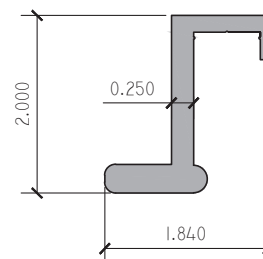
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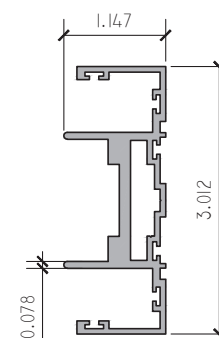
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2800-41 6063-T6



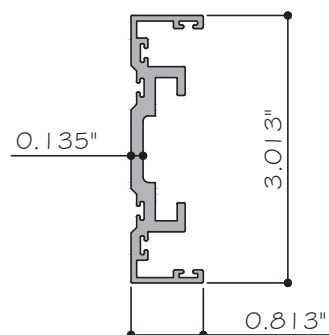
18 INTERLOCK REINFORCEMENT  
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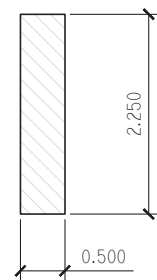
19 HANDLE  
2800-20 6005-T5



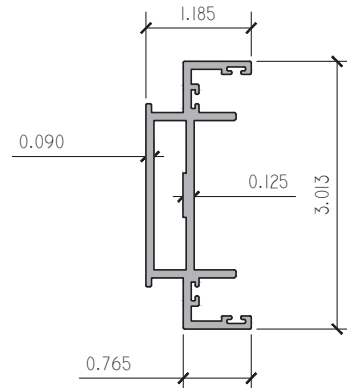
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3070-03 6063-T6



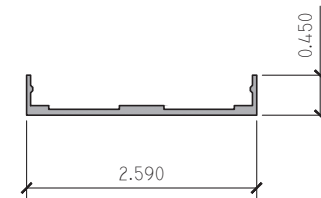
21 JAMB ADAPTOR  
2800-07 6005-T5



22 MEETING STILE REINFORCEMENT  
--- 6005-T5



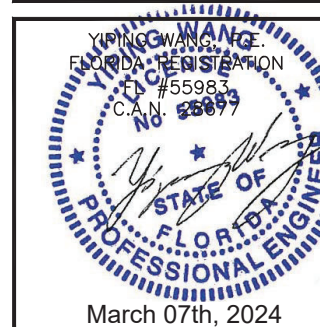
23 ASTRAGAL ADAPTOR  
2950-06 6005-T5



24 FIXED BOTTOM COVER  
2900-25 6063-T6

FLORIDA APPROVAL:

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CONTINENTAL GLASS SYSTEMS

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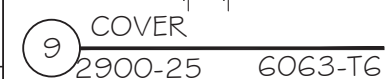
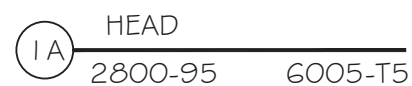
12701 MIRAMAR FAWN  
MIRAMAR, FL 33027

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mcy@mcyengineering.com

|                            |  |  |  |     |             |          |             |
|----------------------------|--|--|--|-----|-------------|----------|-------------|
|                            |  |  |  |     |             | FBC 2023 | Description |
|                            |  |  |  |     |             | James    | Drawn By    |
|                            |  |  |  |     | 103.04.2024 | Date     |             |
|                            |  |  |  | R2. |             | Rev.     | No.         |
| Drawn Date<br>03.04.2024   |  |  |  |     |             | Scale    |             |
| DRAWING NO.<br><br>AD21-34 |  |  |  |     |             |          |             |
| PARTS 2                    |  |  |  |     |             |          |             |
| Sheet No.<br><br>19 OF 22  |  |  |  |     |             |          |             |



YIPING WANG, P.E.  
FLORIDA REGISTRATION  
FL #55983  
C.A.N. 55097

STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER

March 07th, 2024

[illegible]

SERIES 2850 2 TRACK LIFT AND SLIDE GLASS DOOR S.M.I..

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12701 MIRAMAR FAWN  
MIRAMAR, FL 33027

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