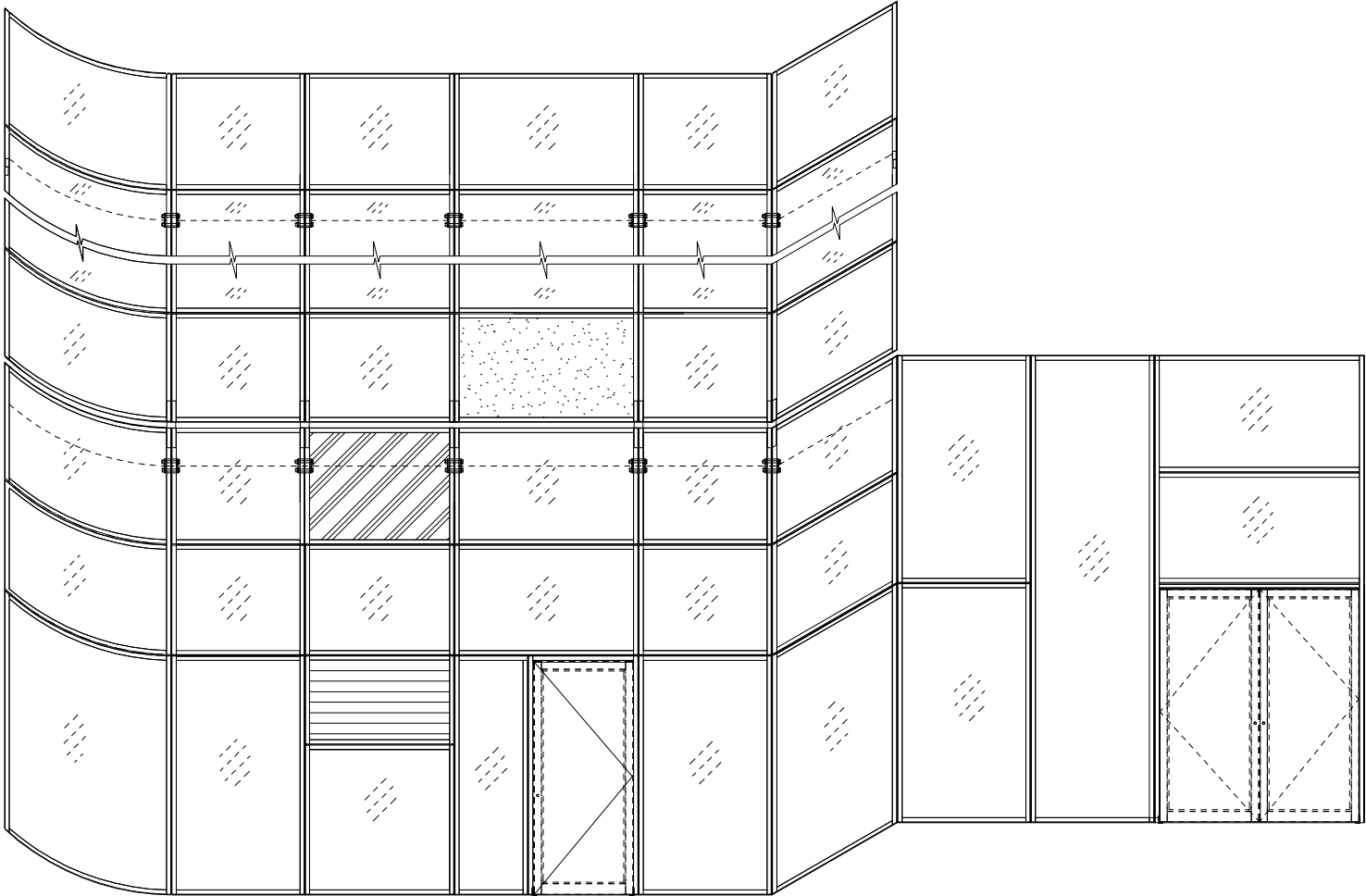


| SHEET INDEX |                                                               |
|-------------|---------------------------------------------------------------|
| 1           | COVER PAGE                                                    |
| 2           | TYPICAL CURTAIN WALL ELEVATIONS                               |
| 3           | GLASS TYPES (L.M.I.)                                          |
| 4           | GLASS TYPES (L.M.I.) (CONT.)                                  |
| 5           | GLASS LOAD TABLES (L.M.I.)                                    |
| 6           | GLASS LOAD TABLES (L.M.I.) (CONT.)                            |
| 7           | GLASS LOAD TABLES (L.M.I.) (CONT.)                            |
| 8           | GLASS LOAD TABLES (L.M.I.) (CONT.)                            |
| 9           | GLASS LOAD TABLES (L.M.I.) (CONT.)                            |
| 10          | GLASS TYPES (S.M.I.)                                          |
| 11          | GLASS LOAD TABLES (S.M.I.)                                    |
| 12          | GLASS LOAD TABLES (S.M.I.) (CONT.)                            |
| 13          | MULLION CAPACITY CHART, SINGLE SPANS                          |
| 14          | MULLION CAPACITY CHART, MULTIPLE SPANS WITH OR W/O CANTILEVER |
| 15          | CORNER MULLION CAPACITY CHART                                 |
| 16          | MULLION OPTIONS                                               |
| 17          | ANCHOR DETAILS / DESCRIPTION                                  |
| 18          | JAMB ANCHORS CAPACITY CHARTS                                  |
| 19          | ANCHOR TYPE 'A' & TYPE 'B' CAPACITY CHARTS                    |
| 20          | ANCHOR TYPE 'C' CAPACITY CHARTS                               |
| 21          | ANCHOR TYPE 'D' CAPACITY CHARTS                               |
| 22          | T- CLIP INSTALLATION DETAIL AT HEAD/SILL                      |
| 23          | HORIZONTAL SECTION DETAILS                                    |
| 23A         | HORIZONTAL SECTION DETAILS (CONT.)                            |
| 23B         | HORIZONTAL SECTION DETAILS (CONT.)                            |
| 24          | ALTERNATE MULLION DETAILS                                     |
| 25          | VERTICAL SECTION DETAILS                                      |
| 26          | VERTICAL SECTION DETAILS (CONT.)                              |
| 27          | VERTICAL SECTION DETAILS (CONT.)                              |
| 28          | CORNER MULLION DETAILS                                        |
| 29          | CORNER MULLION DETAILS (CONT.)                                |
| 30          | DEAD BLOCK DETAILS                                            |
| 31          | DEAD LOAD / WIND LOAD INTERMEDIATE ANCHOR DETAILS             |
| 32          | DEAD LOAD / WIND LOAD INTERMEDIATE ANCHOR DETAILS (CONT.)     |
| 33          | DEAD LOAD / WIND LOAD INTERMEDIATE ANCHOR DETAILS (CONT.)     |
| 34          | DEAD LOAD / WIND LOAD INTERMEDIATE ANCHOR DETAILS (CONT.)     |
| 35          | DOOR MULLION CAPACITY CHART, DETAILS AND ANCHORS              |
| 36          | APPLIED FIN CAPACITY CHARTS, DETAILS                          |
| 37          | APPLIED FIN CAPACITY CHART                                    |
| 38          | TYPICAL SUNSHADE DETAILS                                      |
| 39          | POROUS SUNSHADE ELEVATION AND CHART                           |
| 40          | EXAMPLE POROUS SUNSHADE DETAILS                               |
| 41          | 45SG, 7SG, 9SG, & 14SG SYSTEMS INTEGRATED                     |
| 42          | EXTRUSION DETAILS                                             |
| 43          | EXTRUSION DETAILS (CONT.)                                     |
| 44          | BILL OF MATERIAL                                              |
| 45          | CORNER CONSTRUCTION DETAIL                                    |



TYPICAL CURTAIN-WALL ELEVATION

THIS PRODUCT IS APPROVED  
FOR SMALL AND LARGE MISSILE  
IMPACT (LEVEL D & E)

THIS SYSTEM HAS BEEN TESTED  
TO WITHSTAND UP TO A 100 PSF  
WATER INFILTRATION

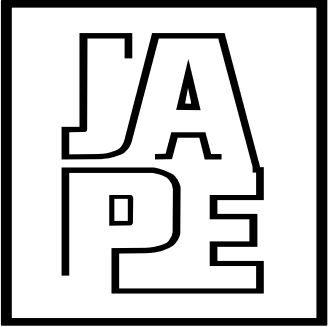
GENERAL NOTES:

- THE SYSTEM AND GLASS TYPES DESCRIBED HEREIN COMPLY AND HAVE BEEN DESIGNED AND TESTED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE EIGHTH EDITION (2023) PER:
  - ASTM E330-14, E331-00, E283-04, E1886-13a, E1996-14
  - TAS 201 / 202 / 203
  - AAMA 501
  - ANSI Z97.1-2015 (400 ft-lb. IMPACT)
- FOR USE WITHIN AND OUTSIDE THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
- DESIGN PRESSURES NOTED HEREIN ARE BASED ON MAXIMUM TESTED PRESSURES DIVIDED BY A 1.5 SAFETY FACTOR.
- NO 33-1/3% INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE DESIGN OF THIS SYSTEM. WIND LOAD DURATION FACTOR Cd = 1.6 HAS BEEN USED FOR WOOD ANCHOR DESIGN.
- THE ARCHITECT/ENGINEER OF RECORD FOR THE PROJECT SUPERSTRUCTURE WITH WHICH THIS DESIGN IS USED SHALL BE RESPONSIBLE FOR THE INTEGRITY OF ALL SUPPORTING SURFACES TO THIS DESIGN WHICH SHALL BE COORDINATED BY THE PERMITTING CONTRACTOR. WOOD BUCKS (BY OTHERS) SHALL BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE EXISTING STRUCTURE.
- THE SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN, A LICENSED ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE IN CONJUNCTION WITH THIS DOCUMENT.
- THE CONTRACTOR IS RESPONSIBLE TO ISOLATE ALL MEMBERS FROM DISSIMILAR MATERIALS TO PREVENT ELECTROLYSIS.

- FASTENERS SHALL BE CADMIUM-PLATED OR OTHERWISE CORROSION-RESISTANT MATERIAL AND SHALL COMPLY WITH "SPECIFICATIONS FOR ALUMINUM STRUCTURES" SECTION J.3.7.2 BY THE ALUMINUM ASSOCIATION, INC., & ANY APPLICABLE FEDERAL, STATE, AND/OR LOCAL CODES.
- ENGINEER SEAL AFFIXED HERE VALIDATES STRUCTURAL DESIGN AS SHOWN ONLY. USE OF THIS SPECIFICATION BY CONTRACTOR, ET. AL. INDEMNIFIES & SAVES HARMLESS THIS ENGINEER FOR ALL COST & DAMAGES INCLUDING LEGAL FEES & APPELLATE FEES RESULTING FROM MATERIAL FABRICATION, SYSTEM ERECTION, & CONSTRUCTION PRACTICES BEYOND THAT WHICH IS CALLED FOR BY LOCAL, STATE, & FEDERAL CODES & FROM DEVIATIONS OF THIS PLAN.
- EXCEPT AS EXPRESSLY PROVIDED HEREIN, NO ADDITIONAL CERTIFICATIONS OR AFFIRMATIONS ARE INTENDED.
- PRESSURE VALUES ON THIS APPROVAL ARE ALLOWABLE DESIGN PRESSURES (ASD).
- ALTERATIONS, ADDITIONS, OR OTHER MARKINGS TO THIS DOCUMENT ARE NOT PERMITTED AND INVALIDATES THIS CERTIFICATION.
- SAFEGUARDS MUST BE OBSERVED (NOT IN THIS CERTIFICATION).
- IF SLOPED GLAZING IS NEEDED, IT SHALL BE ALLOWED UNDER SITE SPECIFIC ENGINEERING. DESIGN MUST BE CHECKED AND APPROVED BY A PROFESSIONAL ENGINEER AND MANUFACTURER.
- PRODUCT SHALL BE PERMANENTLY LABELED WITH A MINIMUM OF ONE LABEL PER SYSTEM CONTAINING THE FOLLOWING:

CRAWFORD TRACEY CORPORATION  
3301 S.W. 13<sup>TH</sup> DRIVE  
DEERFIELD BEACH, FLORIDA 33442  
APPROVED BY FLORIDA BUILDING COMMISSION

FL#29520.2



JAVAD AHMAD PE, inc

7875 NW 12 Street, Suite 102  
Doral, FL 33126  
Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING  
ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

PRO-TECH 7SG ALUMINUM  
CURTAINWALL SYSTEM

CLIENT :

CRAWFORD TRACEY  
CORPORATION

3301 S.W. 13TH DR.,  
DEERFIELD BEACH, FL 33442  
(954) 698-6888

REVISION

| No. | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
|     |      |    |             |
|     |      |    |             |

Date: 06-15-2026

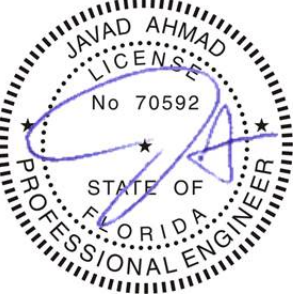
Scale: N/A

Drawn by: DK

Check by: PK

Drawing no. JA-1671-24

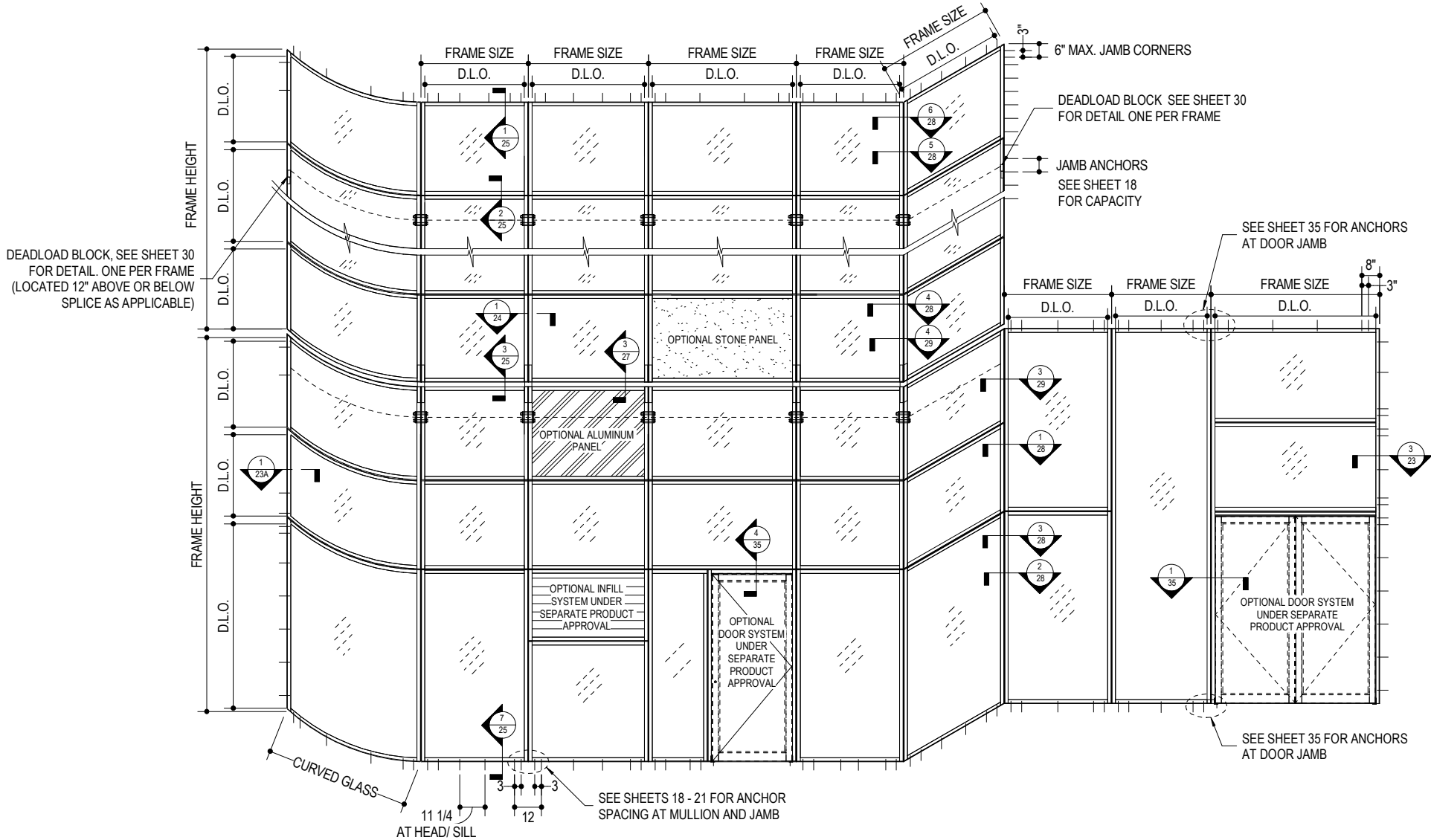
Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254



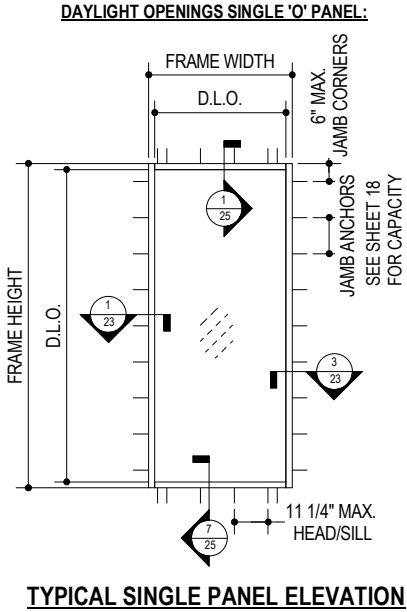
SEALED: 06-17-2026

TYPICAL CURTAIN WALL ELEVATIONS

FL#29520.2



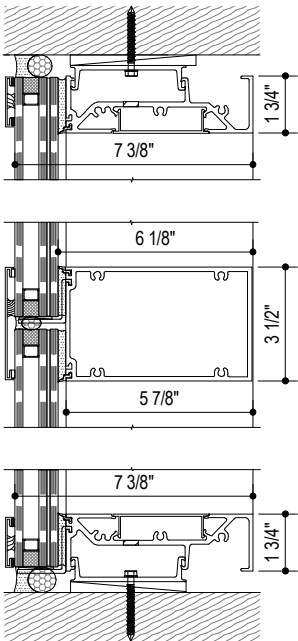
TYPICAL FRAME SPAN SECTION



TYPICAL SINGLE PANEL ELEVATION

**NOTE:**  
FRAME SIZE FOR SINGLE OPENINGS SHALL BE GOVERNED BY THE MAXIMUM ALLOWABLE D.L.O. DIMENSIONS DISPLAYED ON THE GLASS LOADING CHARTS.

7SG SYSTEM TYPICAL PROFILE



PRO-TECH 7 SG ALUMINUM CURTAIN WALL SYSTEM

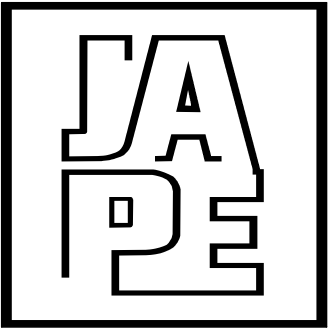
TYPICAL CURTAIN-WALL ELEVATION

INSTRUCTIONS:

- STEP 1: WIND PRESSURE CALCULATION (BY OTHERS)-**
- DETERMINE DESIGN WIND PRESSURE REQUIREMENT (PSF) BASED ON WIND VELOCITY, BLDG. HEIGHT, WIND EXPOSURE, RISK CATEGORY, ETC. PER APPLICABLE ASCE 7 LATEST STANDARD.
- STEP 2: GLASS SELECTION**
- FOR L.M.I. RATING REQUIREMENT- SEE GLASS TYPES AND LOADING CHART ON SHEET 3 TO 9.
  - FOR S.M.I. RATING REQUIREMENT- SEE GLASS TYPES AND LOADING CHART ON SHEET 10 TO 12.
  - THIS VALUE SHOULD MEET OR EXCEED THE DESIGN WIND LOAD REQUIREMENT OBTAINED IN STEP 1 ABOVE.
- STEP 3: MULLION SELECTION**
- THIS SYSTEM IS AVAILABLE IN BOTH VERTICAL AND HORIZONTAL ORIENTATIONS.
  - FOR VERTICALLY OR HORIZONTALLY LOADED SYSTEMS, SEE SHEET 13.
  - THE CAPACITY SHOULD EXCEED THE DESIGN LOAD. THE LOWEST VALUE RESULTING FROM STEPS 2 AND 3 SHALL APPLY TO ENTIRE SYSTEM.
- STEP 4: ANCHOR SELECTION**
- SELECT APPROPRIATE ANCHOR DESCRIPTION FROM SHEET 17.
  - FOR ANCHOR CAPACITIES, SEE SHEET 19 TO 21.
  - FOR ANCHORAGE USING F-CLIPS AT UNANCHORED JAMBS, SEE SHEETS 18 TO 21.

7SG SYSTEM NOTES:

- INTERMEDIATE HORIZONTAL MULLION NOTES:**
- 125" MAX. SPAN FOR INTERMEDIATE HORIZONTAL MEMBERS.
  - SUNSHADES ARE ALLOWED UNDER SITE SPECIFIC ENGINEERING. FINAL SUNSHADE ATTACHMENT & DESIGN SHALL BE APPROVED BY THE PRODUCT MANUFACTURER AND A LICENSED PROFESSIONAL ENGINEER.
- SLOPED GLAZING NOTE:**
- SLOPED SYSTEMS SHALL BE DESIGNED ON A SITE SPECIFIC BASIS WITH APPROVAL FROM LICENSED PROFESSIONAL ENGINEER AND THE PRODUCT MANUFACTURER.
- SEPARATELY APPROVED DOOR SYSTEM & TRANSOM NOTES:**
- PRESSURES SHOWN ON SHEETS 13 AND 14 APPLICABLE TO INTERMEDIATE VERTICAL MULLIONS RECEIVING DOORS, AS LONG AS THE MAXIMUM TRIBUTARY WIDTH, PER THE MULLION TYPE, IS NOT EXCEEDED.
  - IF ADDITIONAL TRANSOM ANCHORING IS NEEDED, IT SHALL BE DESIGNED PER SITE SPECIFIC ENGINEERING.
  - IF PANEL ABOVE DOOR EXCEEDS A GLAZING LOAD OF 600 LBS, THEN A STRUCTURAL BREAK SHALL BE REQUIRED TO SEPARATE THE DOOR AND CURTAINWALL SYSTEM.



JAVAD AHMAD PE, inc

7875 NW 12 Street, Suite 102  
Doral, FL 33126  
Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING  
ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

PRO-TECH 7SG ALUMINUM  
CURTAINWALL SYSTEM

CLIENT :

CRAWFORD TRACEY  
CORPORATION

3301 S.W. 13TH DR.,  
DEERFIELD BEACH, FL 33442  
(954) 698-6888

REVISION

| No. | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
|     |      |    |             |
|     |      |    |             |

Date: 06-15-2026

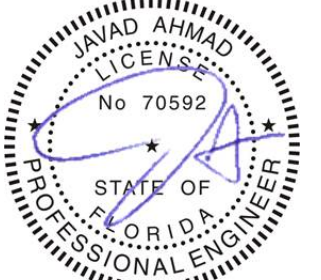
Scale: N/A

Drawn by: DK

Check by: PK

Drawing no. JA-1671-24

Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254



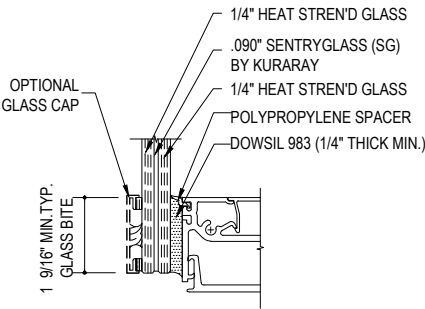
SEALED: 06-17-2026

GLASS TYPES (L.M.I.)

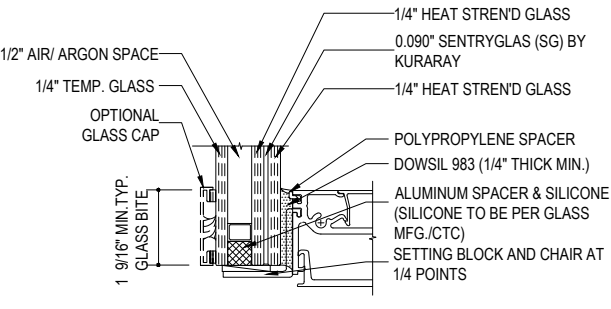
FL#29520.2

GLASS TYPE NOTES:

1. **ASTM E1300:** ALL GLASS TYPES SHOWN COMPLY WITH ASTM E1300.
2. **GEOMTRICAL SHAPES:** GLAZED GEOMTRICAL SHAPES MAY BE USED, PROVIDED THEY FIT INSIDE THE APPROVED INSCRIBED SIZES SHOWN ON THE GLASS LOADING TABLES.
3. **REDUCED GLASS BITE:** GLAZING DETAILS WITH A SILICONE BITE OF 1-9/16" ARE PERMITTED TO BE DECREASED TO A MINIMUM OF 1-3/8" SILICONE BITE, PROVIDED THE ALLOWABLE PRESSURES SHOWN ON THE GLASS LOADING TABLES ARE DECREASED BY 16%.
4. **CERAMIC FRIT:** OPTION OF .019" CERAMIC FRIT ON ROOM SIDE SURFACE OF INNER PANE OF GLASS IS ALLOWED.
5. **GLASS ORIENTATION:** GLASS MAY BE VERTICALLY OR HORIZONTALLY ORIENTED.
6. **SLOPED SYSTEMS:** SLOPED SYSTEMS SHALL BE DESIGNED ON A SITE SPECIFIC BASIS WITH APPROVAL FROM A LICENSED PROFESSIONAL ENGINEER AND THE PRODUCT MANUFACTURER.
7. **CAPS & FINIS:** OPTIONAL GLASS CAPS, FINIS, OR SIMILAR ACCESSORIES OF VARIOUS SIZES MAY BE ATTACHED WITH STRUCTURAL SILICONE, BASED ON SITE SPECIFIC ENGINEERING FROM A LICENSED PROFESSIONAL ENGINEER.
8. **GLASS EXTENSIONS:** CONDITIONS WHERE GLASS EXTENDS PAST THE FRAME ARE ALLOWED. THIS CONDITION SHALL REQUIRE APPROVAL BY A LICENSED PROFESSIONAL ENGINEER.
9. **NON-IMPACT GLASS:** NON-IMPACT GLASS TO DESIGNED ON A SITE SPECIFIC BASIS AND APPROVED BY A LICENSED PROFESSIONAL ENGINEER.
10. **THICKER GLASS:** THICKER GLASS LITES MAY BE USED IN THE SAME CONFIGURATIONS AS SHOWN, AS REQUIRED ON A SITE SPECIFIC BASIS AND SHALL BE APPROVED BY A LICENSED PROFESSIONAL ENGINEER.
11. **CURVED GLASS:** CURVED OR BENT GLASS MAY BE USED IN THE SAME CONFIGURATIONS AS SHOWN, IN ACCORDANCE WITH SITE SPECIFIC REQUIREMENTS. IF CURVED OR BENT GLASS IS USED, IT SHALL BE CHECKED AND APPROVED BY A LICENSED PROFESSIONAL ENGINEER AND THE PRODUCT MANUFACTURER. FINAL APPROVAL SHALL BE GIVEN BY AUTHORITY HAVING JURISDICTION.
12. **MONOLITHIC GLASS:** NON-LAMINATED MONOLITHIC GLASS MAY BE USED IN PLACE OF THE LAMINATED OPTIONS SHOWN GIVEN THAT THE GLASS TO BE USED IS LABELED AS "NON-IMPACT RESISTANT" AND IS DESIGNED TO MEET ASTM E1300 STANDARDS. THE SUBSTITUTED GLAZING MUST BE CHECKED AND APPROVED BY A LICENSED PROFESSIONAL ENGINEER AND THE PRODUCT MANUFACTURER.
13. **INSULATED GLASS UNIT (IGU) AIR SPACE:** FOR INSULATED GLASS UNITS, THE AIR SPACE WIDTH CAN BE INCREASED ON A SITE SPECIFIC BASIS WITH APPROVAL FROM A LICENSED PROFESSIONAL ENGINEER AND THE PRODUCT MANUFACTURER.

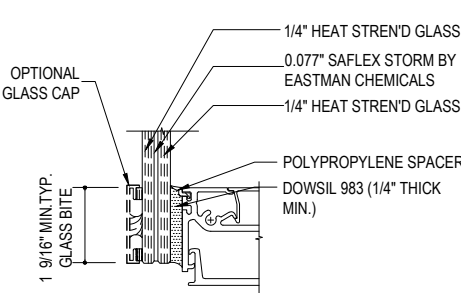


**GLASS TYPE 'L1'**  
9/16" THK. LAM. GLASS  
L.M.I. (LEVEL D)

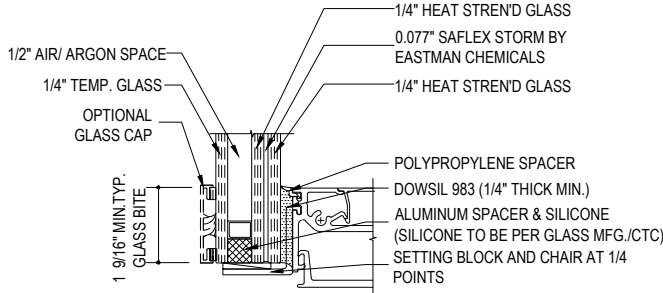


**GLASS TYPE 'L1A'**  
1-5/16" THK. INSUL. LAM. GLASS  
L.M.I. (LEVEL D)

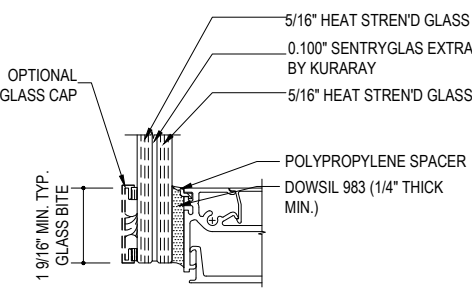
**CURVED GLASS:** GLASS TYPES 'L1' & 'L1A' ARE ALSO APPROVED FOR CURVED GLASS WITH A MIN. RADIUS OF 60" TO THE OUTSIDE FACE; MAX. GLASS LOAD OF ±120 PSF FOR D.L.O. SIZES UP TO 78.5 SQ.FT.



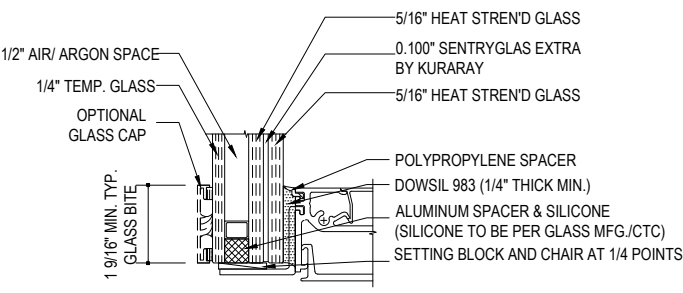
**GLASS TYPE 'L2'**  
9/16" THK. LAM. GLASS  
L.M.I. (LEVEL D)



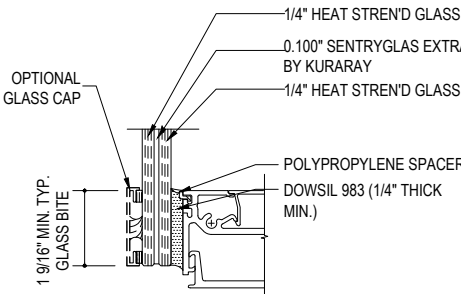
**GLASS TYPE 'L2A'**  
1-5/16" THK. INSUL. LAM. GLASS  
L.M.I. (LEVEL D)



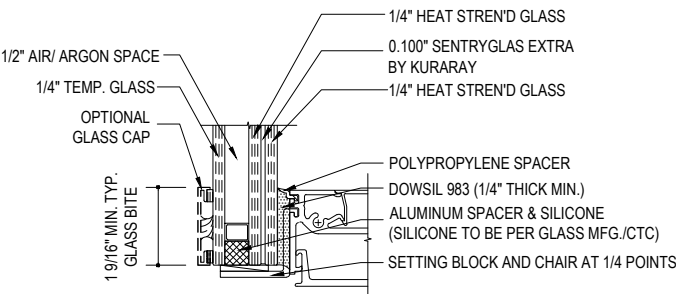
**GLASS TYPE 'L4'**  
3/4" THK. LAM. GLASS  
L.M.I. (LEVEL D)



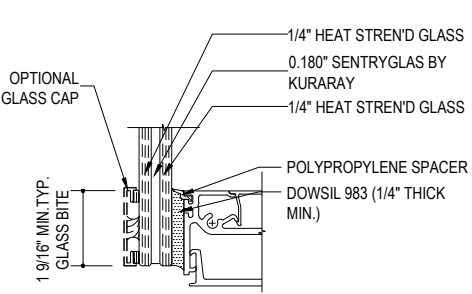
**GLASS TYPE 'L4A'**  
1-1/2" THK. INSUL. LAM. GLASS  
L.M.I. (LEVEL D)



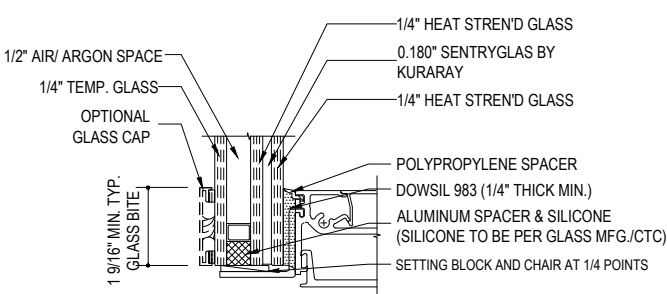
**GLASS TYPE 'L3'**  
5/8" THK. LAM. GLASS  
L.M.I. (LEVEL D)



**GLASS TYPE 'L3A'**  
1-3/8" THK. INSUL. LAM. GLASS  
L.M.I. (LEVEL D)

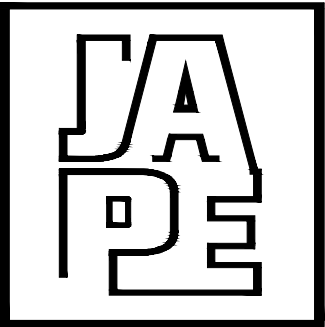


**GLASS TYPE 'L5'**  
11/16" THK. LAM. GLASS  
L.M.I. (LEVEL E)



**GLASS TYPE 'L5A'**  
1-7/16" THK. INSUL. LAM. GLASS  
L.M.I. (LEVEL E)

**CURVED GLASS:** GLASS TYPES 'L5' & 'L5A' ARE ALSO APPROVED FOR CURVED GLASS WITH A MIN. RADIUS OF 60" TO THE OUTSIDE FACE; MAX. GLASS LOAD OF ±120 PSF FOR D.L.O. SIZES UP TO 78.5 SQ.FT.



**JAVAD AHMAD PE, inc**

7875 NW 12 Street, Suite 102  
Doral, FL 33126  
Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING  
ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

PRO-TECH 7SG ALUMINUM  
CURTAINWALL SYSTEM

CLIENT :

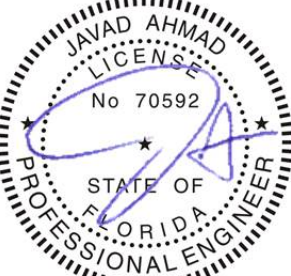
CRAWFORD TRACEY  
CORPORATION

3301 S.W. 13TH DR.,  
DEERFIELD BEACH, FL 33442  
(954) 698-6888

REVISION

| No.         | DATE       | BY | DESCRIPTION |
|-------------|------------|----|-------------|
|             |            |    |             |
|             |            |    |             |
| Date:       | 06-15-2026 |    |             |
| Scale:      | N/A        |    |             |
| Drawn by:   | DK         |    |             |
| Check by:   | PK         |    |             |
| Drawing no. | JA-1671-24 |    |             |

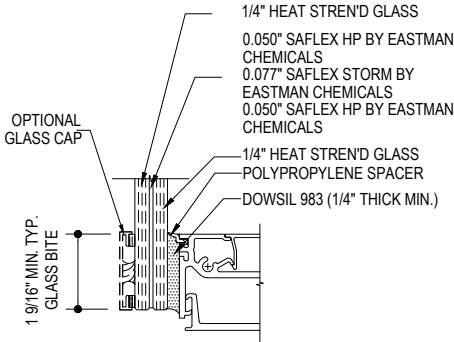
Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254



SEALED: 06-17-2026

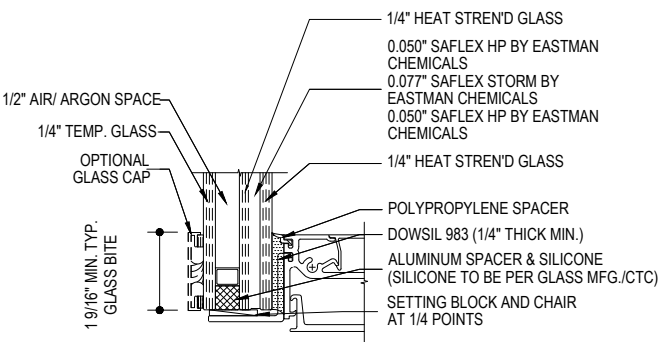
GLASS TYPES (L.M.I.) (CONT.)

FL#29520.2



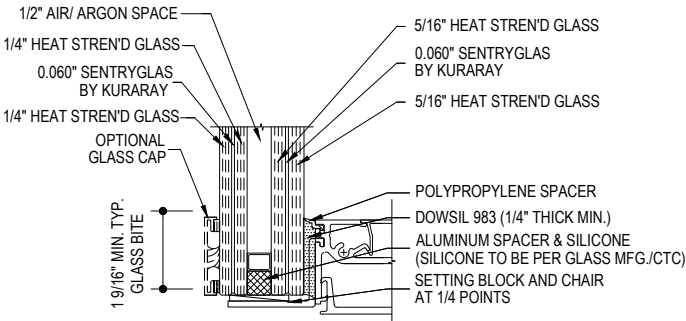
GLASS TYPE 'L6'

11/16" THK. LAM. GLASS  
L.M.I. (LEVEL E)



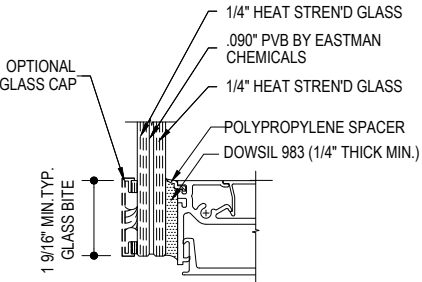
GLASS TYPE 'L6A'

1-7/16" THK. INSUL. LAM. GLASS  
L.M.I. (LEVEL E)



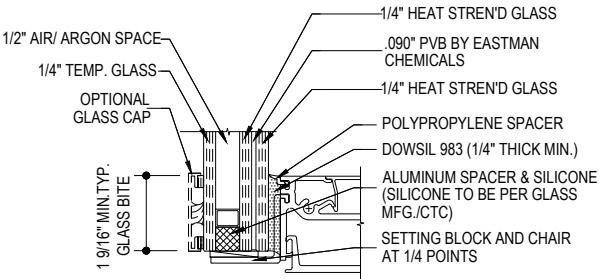
GLASS TYPE 'L7'

1-3/4" THK. INSUL. LAM. GLASS  
L.M.I. (LEVEL D)



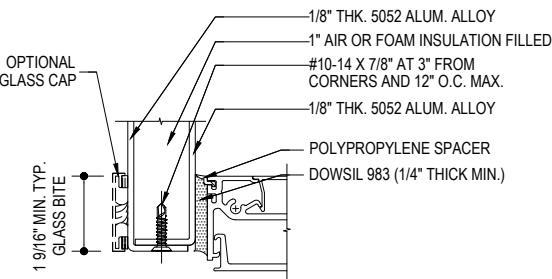
GLASS TYPE 'L8'

9/16" THK. LAM. GLASS  
L.M.I. (LEVEL D)



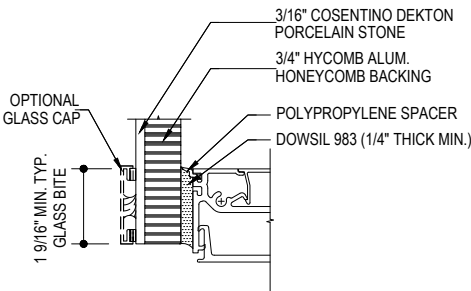
GLASS TYPE 'L8A'

1-5/16" THK. INSUL. LAM. GLASS  
L.M.I. (LEVEL D)



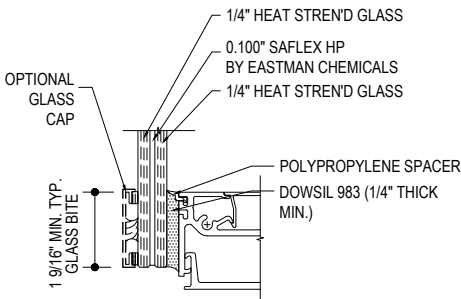
GLASS TYPE 'L9'

1-3/8" THK. ALUM. INFILL PANEL  
L.M.I. (LEVEL E)



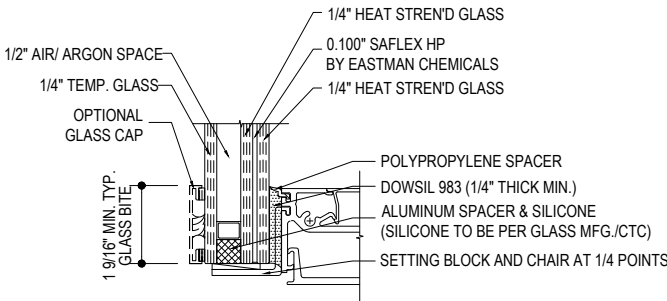
GLASS TYPE 'L10'

15/16" TO 1-7/16" THK. MIN. STONE INFILL PANEL  
L.M.I. (LEVEL E)



GLASS TYPE 'L11'

5/8" THK. LAM. GLASS  
L.M.I. (LEVEL D)

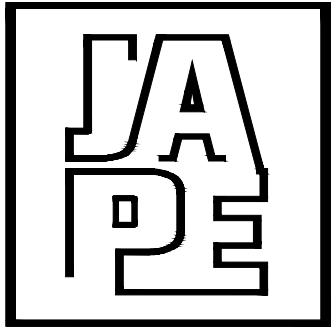


GLASS TYPE 'L11A'

1-3/8" THK. INSUL. LAM. GLASS  
L.M.I. (LEVEL D)

GLASS TYPE NOTES:

- ASTM E1300:** ALL GLASS TYPES SHOWN COMPLY WITH ASTM E1300.
- GEOMETRICAL SHAPES:** GLAZED GEOMETRICAL SHAPES MAY BE USED, PROVIDED THEY FIT INSIDE THE APPROVED INSCRIBED SIZES SHOWN ON THE GLASS LOADING TABLES.
- REDUCED GLASS BITE:** GLAZING DETAILS WITH A SILICONE BITE OF 1-9/16" ARE PERMITTED TO BE DECREASED TO A MINIMUM OF 1-3/8" SILICONE BITE, PROVIDED THE ALLOWABLE PRESSURES SHOWN ON THE GLASS LOADING TABLES ARE DECREASED BY 16%.
- CERAMIC FRIT:** OPTION OF .019" CERAMIC FRIT ON ROOM SIDE SURFACE OF INNER PANE OF GLASS IS ALLOWED.
- GLASS ORIENTATION:** GLASS MAY BE VERTICALLY OR HORIZONTALLY ORIENTED.
- SLOPED SYSTEMS:** SLOPED SYSTEMS SHALL BE DESIGNED ON A SITE SPECIFIC BASIS WITH APPROVAL FROM A LICENSED PROFESSIONAL ENGINEER AND THE PRODUCT MANUFACTURER.
- CAPS & FINIS:** OPTIONAL GLASS CAPS, FINIS, OR SIMILAR ACCESSORIES OF VARIOUS SIZES MAY BE ATTACHED WITH STRUCTURAL SILICONE, BASED ON SITE SPECIFIC ENGINEERING FROM A LICENSED PROFESSIONAL ENGINEER.
- GLASS EXTENSIONS:** CONDITIONS WHERE GLASS EXTENDS PAST THE FRAME ARE ALLOWED. THIS CONDITION SHALL REQUIRE APPROVAL BY A LICENSED PROFESSIONAL ENGINEER.
- NON-IMPACT GLASS:** NON-IMPACT GLASS TO DESIGNED ON A SITE SPECIFIC BASIS AND APPROVED BY A LICENSED PROFESSIONAL ENGINEER.
- THICKER GLASS:** THICKER GLASS LITES MAY BE USED IN THE SAME CONFIGURATIONS AS SHOWN, AS REQUIRED ON A SITE SPECIFIC BASIS AND SHALL BE APPROVED BY A LICENSED PROFESSIONAL ENGINEER.
- CURVED GLASS:** CURVED OR BENT GLASS MAY BE USED IN THE SAME CONFIGURATIONS AS SHOWN, IN ACCORDANCE WITH SITE SPECIFIC REQUIREMENTS. IF CURVED OR BENT GLASS IS USED, IT SHALL BE CHECKED AND APPROVED BY A LICENSED PROFESSIONAL ENGINEER AND THE PRODUCT MANUFACTURER. FINAL APPROVAL SHALL BE GIVEN BY AUTHORITY HAVING JURISDICTION.
- MONOLITHIC GLASS:** NON-LAMINATED MONOLITHIC GLASS MAY BE USED IN PLACE OF THE LAMINATED OPTIONS SHOWN GIVEN THAT THE GLASS TO BE USED IS LABELED AS "NON-IMPACT RESISTANT" AND IS DESIGNED TO MEET ASTM E1300 STANDARDS. THE SUBSTITUTED GLAZING MUST BE CHECKED AND APPROVED BY A LICENSED PROFESSIONAL ENGINEER AND THE PRODUCT MANUFACTURER.
- INSULATED GLASS UNIT (IGU) AIR SPACE:** FOR INSULATED GLASS UNITS, THE AIR SPACE WIDTH CAN BE INCREASED ON A SITE SPECIFIC BASIS WITH APPROVAL FROM A LICENSED PROFESSIONAL ENGINEER AND THE PRODUCT MANUFACTURER.



JAVAD AHMAD PE, inc

7875 NW 12 Street, Suite 102  
Doral, FL 33126  
Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING  
ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

PRO-TECH 7SG ALUMINUM  
CURTAINWALL SYSTEM

CLIENT :

CRAWFORD TRACEY  
CORPORATION

3301 S.W. 13TH DR.,  
DEERFIELD BEACH, FL 33442  
(954) 698-6888

REVISION

| No.         | DATE       | BY | DESCRIPTION |
|-------------|------------|----|-------------|
|             |            |    |             |
|             |            |    |             |
| Date:       | 06-15-2026 |    |             |
| Scale:      | N/A        |    |             |
| Drawn by:   | SA         |    |             |
| Check by:   | PK         |    |             |
| Drawing no. | JA-1671-24 |    |             |

Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254



SEALED: 06-17-2026

| GLASS LOAD TABLES (L.M.I.)         |                          |                               |                               |                               |                               |                               |                               |                         |                               |                         |                          | FL#29520.2                      |  |
|------------------------------------|--------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------|-------------------------------|-------------------------|--------------------------|---------------------------------|--|
| GLASS LOAD CAPACITY (PSF) - L.M.I. |                          |                               |                               |                               |                               |                               |                               |                         |                               |                         |                          |                                 |  |
| D.L.O                              |                          | L1 & L1A<br>EXT.(+)   INT.(-) | L2 & L2A<br>EXT.(+)   INT.(-) | L3 & L3A<br>EXT.(+)   INT.(-) | L4 & L4A<br>EXT.(+)   INT.(-) | L5 & L5A<br>EXT.(+)   INT.(-) | L6 & L6A<br>EXT.(+)   INT.(-) | L7<br>EXT.(+)   INT.(-) | L8 & L8A<br>EXT.(+)   INT.(-) | L9<br>EXT.(+)   INT.(-) | L10<br>EXT.(+)   INT.(-) | L11 & L11A<br>EXT.(+)   INT.(-) |  |
| WIDTH OR<br>HEIGHT (IN.)           | WIDTH OR<br>HEIGHT (IN.) |                               |                               |                               |                               |                               |                               |                         |                               |                         |                          |                                 |  |
| 24"                                | 24" to 120"              | +120   -145                   | +100   -100                   | +80   -80                     | +120   -126                   | +120   -120                   | +100   -100                   | +100   -100             | +80   -80                     | +175   -175             | +150   -150              | +80   -80                       |  |
|                                    | 126"                     | +120   -145                   | +100   -100                   | +80   -80                     | +120   -126                   | +120   -120                   | +100   -100                   | +100   -100             | -                             | +175   -175             | +150   -150              | +80   -80                       |  |
|                                    | 132" to 168"             | +120   -145                   | +100   -100                   | +80   -80                     | +120   -126                   | +120   -120                   | +100   -100                   | +100   -100             | -                             | +175   -175             | -                        | +80   -80                       |  |
|                                    | 174"                     | +120   -145                   | +100   -100                   | +80   -80                     | +120   -126                   | +120   -120                   | -                             | +100   -100             | -                             | +175   -175             | -                        | +80   -80                       |  |
|                                    | 180" to 189"             | +120   -145                   | +100   -100                   | +80   -80                     | +120   -126                   | +120   -120                   | -                             | +100   -100             | -                             | +175   -175             | -                        | -                               |  |
|                                    | 192" to 198"             | +120   -145                   | +100   -100                   | -                             | +120   -126                   | +120   -120                   | -                             | +100   -100             | -                             | +175   -175             | -                        | -                               |  |
|                                    | 204"                     | +120   -126                   | +100   -100                   | -                             | +120   -126                   | +120   -120                   | -                             | +100   -100             | -                             | +175   -175             | -                        | -                               |  |
|                                    | 210"                     | +120   -126                   | +100   -100                   | -                             | +120   -126                   | +120   -120                   | -                             | +100   -100             | -                             | -                       | -                        | -                               |  |
| 216" to 252"                       | +120   -126              | -                             | -                             | +120   -126                   | -                             | -                             | +100   -100                   | -                       | -                             | -                       | -                        |                                 |  |
| 30"                                | 30" to 120"              | +120   -145                   | +100   -100                   | +80   -80                     | +120   -126                   | +120   -120                   | +100   -100                   | +100   -100             | +80   -80                     | +175   -175             | +150   -150              | +80   -80                       |  |
|                                    | 126"                     | +120   -145                   | +100   -100                   | +80   -80                     | +120   -126                   | +120   -120                   | +100   -100                   | +100   -100             | -                             | +175   -175             | +150   -150              | +80   -80                       |  |
|                                    | 132"                     | +120   -145                   | +100   -100                   | +80   -80                     | +120   -126                   | +120   -120                   | +100   -100                   | +100   -100             | -                             | +175   -175             | -                        | +80   -80                       |  |
|                                    | 138" to 168"             | +120   -145                   | +100   -100                   | +80   -80                     | +120   -126                   | +120   -120                   | +100   -100                   | +100   -100             | -                             | +175   -175             | -                        | -                               |  |
|                                    | 174" to 189"             | +120   -145                   | +100   -100                   | +80   -80                     | +120   -126                   | +120   -120                   | -                             | +100   -100             | -                             | +175   -175             | -                        | -                               |  |
|                                    | 192" to 198"             | +120   -145                   | +100   -100                   | -                             | +120   -126                   | +120   -120                   | -                             | +100   -100             | -                             | +175   -175             | -                        | -                               |  |
|                                    | 204"                     | +120   -126                   | +100   -100                   | -                             | +120   -126                   | +120   -120                   | -                             | +100   -100             | -                             | +175   -175             | -                        | -                               |  |
|                                    | 210"                     | +120   -126                   | +100   -100                   | -                             | +120   -126                   | +120   -120                   | -                             | +100   -100             | -                             | -                       | -                        | -                               |  |
| 216" to 252"                       | +120   -126              | -                             | -                             | +120   -126                   | -                             | -                             | +100   -100                   | -                       | -                             | -                       | -                        |                                 |  |
| 36"                                | 36" to 108"              | +120   -145                   | +100   -100                   | +80   -80                     | +120   -126                   | +120   -120                   | +100   -100                   | +100   -100             | +80   -80                     | +175   -175             | +150   -150              | +80   -80                       |  |
|                                    | 114" to 126"             | +120   -145                   | +100   -100                   | +80   -80                     | +120   -126                   | +120   -120                   | +100   -100                   | +100   -100             | -                             | +175   -175             | +150   -150              | -                               |  |
|                                    | 132V to 162"             | +120   -145                   | +100   -100                   | +80   -80                     | +120   -126                   | +120   -120                   | +100   -100                   | +100   -100             | -                             | +175   -175             | -                        | -                               |  |
|                                    | 168"                     | +120   -126                   | +100   -100                   | +80   -80                     | +120   -126                   | +120   -120                   | +100   -100                   | +100   -100             | -                             | +175   -175             | -                        | -                               |  |
|                                    | 174"                     | +120   -126                   | +100   -100                   | +80   -80                     | +120   -126                   | +120   -120                   | -                             | +100   -100             | -                             | +175   -175             | -                        | -                               |  |
|                                    | 180" to 189"             | +120   -126                   | -                             | +80   -80                     | +120   -126                   | -                             | -                             | +100   -100             | -                             | +175   -175             | -                        | -                               |  |
|                                    | 192" to 204"             | +120   -126                   | -                             | -                             | +120   -126                   | -                             | -                             | +100   -100             | -                             | +175   -175             | -                        | -                               |  |
|                                    | 210" to 252"             | +120   -126                   | -                             | -                             | +120   -126                   | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |  |
| 42"                                | 42" to 84"               | +120   -145                   | +100   -100                   | +80   -80                     | +120   -126                   | +120   -120                   | +100   -100                   | +100   -100             | +80   -80                     | +175   -175             | +150   -150              | +68   -68                       |  |
|                                    | 90" to 96"               | +120   -145                   | +100   -100                   | +80   -80                     | +120   -126                   | +120   -120                   | +100   -100                   | +100   -100             | -                             | +175   -175             | +150   -150              | +68   -68                       |  |
|                                    | 102" to 126"             | +120   -145                   | +100   -100                   | +80   -80                     | +120   -126                   | +120   -120                   | +100   -100                   | +100   -100             | -                             | +175   -175             | +150   -150              | -                               |  |
|                                    | 132" to 138"             | +120   -145                   | +100   -100                   | +80   -80                     | +120   -126                   | +120   -120                   | +100   -100                   | +100   -100             | -                             | +175   -175             | -                        | -                               |  |
|                                    | 144" to 150"             | +120   -126                   | +100   -100                   | +80   -80                     | +120   -126                   | +120   -120                   | +100   -100                   | +100   -100             | -                             | +175   -175             | -                        | -                               |  |
|                                    | 156" to 162"             | +120   -126                   | +100   -100                   | +80   -80                     | +120   -126                   | -                             | +100   -100                   | +100   -100             | -                             | +175   -175             | -                        | -                               |  |
|                                    | 168"                     | +120   -126                   | -                             | +80   -80                     | +120   -126                   | -                             | +100   -100                   | +100   -100             | -                             | +175   -175             | -                        | -                               |  |
|                                    | 174" to 189"             | +120   -126                   | -                             | +80   -80                     | +120   -126                   | -                             | -                             | +100   -100             | -                             | +175   -175             | -                        | -                               |  |
|                                    | 192" to 204"             | +120   -126                   | -                             | -                             | +120   -126                   | -                             | -                             | +100   -100             | -                             | +175   -175             | -                        | -                               |  |
|                                    | 210" to 252"             | +120   -126                   | -                             | -                             | +120   -126                   | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |  |
| 48"                                | 48" to 78"               | +120   -145                   | +100   -100                   | +80   -80                     | +120   -126                   | +120   -120                   | +100   -100                   | +100   -100             | +80   -80                     | +175   -175             | +150   -150              | +60   -60                       |  |
|                                    | 84"                      | +120   -145                   | +100   -100                   | +80   -80                     | +120   -126                   | +120   -120                   | +100   -100                   | +100   -100             | -                             | +175   -175             | +150   -150              | +60   -60                       |  |
|                                    | 90" to 120"              | +120   -145                   | +100   -100                   | +80   -80                     | +120   -126                   | +120   -120                   | +100   -100                   | +100   -100             | -                             | +175   -175             | +150   -150              | -                               |  |
|                                    | 126V                     | +120   -126                   | +100   -100                   | +80   -80                     | +120   -126                   | +120   -120                   | +100   -100                   | +100   -100             | -                             | +175   -175             | +150   -150              | -                               |  |
|                                    | 132" to 138"             | +120   -126                   | +100   -100                   | +80   -80                     | +120   -126                   | +120   -120                   | +100   -100                   | +100   -100             | -                             | +175   -175             | -                        | -                               |  |
|                                    | 144"                     | +120   -126                   | +100   -100                   | +80   -80                     | +120   -126                   | -                             | +100   -100                   | +100   -100             | -                             | +175   -175             | -                        | -                               |  |
|                                    | 150" to 168"             | +120   -126                   | -                             | +80   -80                     | +120   -126                   | -                             | +100   -100                   | +100   -100             | -                             | +175   -175             | -                        | -                               |  |
|                                    | 174" to 189"             | +120   -126                   | -                             | +80   -80                     | +120   -126                   | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |  |
|                                    | 192" to 228"             | +120   -126                   | -                             | -                             | +120   -126                   | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |  |
|                                    | 233" to 252"             | -                             | -                             | -                             | -                             | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |  |

D.L.O.  
HEIGHT

D.L.O.  
WIDTH

D.L.O.  
HEIGHT

D.L.O.  
WIDTH

NOTE:

GLASS CAPACITIES ON THIS SHEET ARE BASED  
ON ASTM E1300-09 (3 SEC. GUSTS).

NOTE:

ALL PRESSURES SHOWN ON THIS SHEET ARE  
ALLOWABLE PRESSURES (ASD).

J  
A  
P  
E

JAVAD AHMAD PE, inc

7875 NW 12 Street, Suite 102  
Doral, FL 33126  
Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING  
ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

PRO-TECH 7SG ALUMINUM  
CURTAINWALL SYSTEM

CLIENT :

CRAWFORD TRACEY  
CORPORATION

3301 S.W. 13TH DR.,  
DEERFIELD BEACH, FL 33442  
(954) 698-6888

REVISION

| No.         | DATE       | BY | DESCRIPTION |
|-------------|------------|----|-------------|
|             |            |    |             |
|             |            |    |             |
| Date:       | 06-15-2026 |    |             |
| Scale:      | N/A        |    |             |
| Drawn by:   | DK         |    |             |
| Check by:   | PK         |    |             |
| Drawing no. | JA-1671-24 |    |             |

Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254

JAVAD AHMAD  
LICENSE  
No 70592  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER

SEALED: 06-17-2026

5

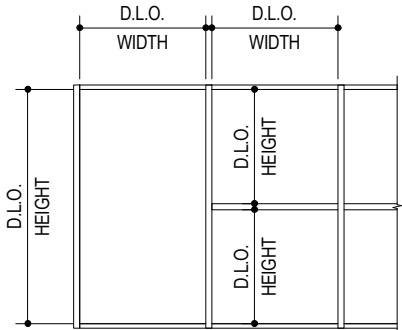
OF 45

|                                    |            |
|------------------------------------|------------|
| GLASS LOAD TABLES (L.M.I.) (CONT.) | FL#29520.2 |
|------------------------------------|------------|

**FL#29520.2**

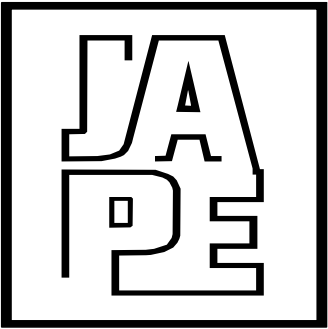
[illegible]

| D.L.O                    |                          | L1 & L1A<br>EXT.(+)   INT.(-) | L2 & L2A<br>EXT.(+)   INT.(-) | L3 & L3A<br>EXT.(+)   INT.(-) | L4 & L4A<br>EXT.(+)   INT.(-) | L5 & L5A<br>EXT.(+)   INT.(-) | L6 & L6A<br>EXT.(+)   INT.(-) | L7<br>EXT.(+)   INT.(-) | L8 & L8A<br>EXT.(+)   INT.(-) | L9<br>EXT.(+)   INT.(-) | L10<br>EXT.(+)   INT.(-) | L11 & L11A<br>EXT.(+)   INT.(-) |
|--------------------------|--------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------|-------------------------------|-------------------------|--------------------------|---------------------------------|
| WIDTH OR<br>HEIGHT (IN.) | WIDTH OR<br>HEIGHT (IN.) |                               |                               |                               |                               |                               |                               |                         |                               |                         |                          |                                 |
| 54"                      | 54 "to 72"               | +120   -136                   | +100   -100                   | +80   -80                     | +120   -126                   | +120   -120                   | +88   -88                     | +100   -100             | +80   -80                     | +175   -175             | +150   -150              | +53   -53                       |
|                          | 78" to 108"              | +120   -136                   | +100   -100                   | +80   -80                     | +120   -126                   | +120   -120                   | +88   -88                     | +100   -100             | -                             | +175   -175             | +150   -150              | -                               |
|                          | 114"                     | +120   -126                   | +100   -100                   | +80   -80                     | +120   -126                   | +118   -118                   | +88   -88                     | +100   -100             | -                             | +175   -175             | +150   -150              | -                               |
|                          | 120" to 126"             | +120   -126                   | +100   -100                   | +80   -80                     | +120   -126                   | +114   -114                   | +88   -88                     | +100   -100             | -                             | +175   -175             | +150   -150              | -                               |
|                          | 132" to 144"             | +120   -126                   | -                             | +80   -80                     | +120   -126                   | -                             | +88   -88                     | +100   -100             | -                             | +175   -175             | -                        | -                               |
|                          | 150" to 168"             | +120   -126                   | -                             | +80   -80                     | +120   -126                   | -                             | -                             | +100   -100             | -                             | +175   -175             | -                        | -                               |
|                          | 174 "to 189"             | +120   -126                   | -                             | +80   -80                     | +120   -126                   | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |
|                          | 192" to 204"             | +120   -126                   | -                             | -                             | +120   -126                   | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |
|                          | 210" to 252"             | -                             | -                             | -                             | -                             | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |
| 58 1/2"                  | 58 1/2"                  | +120   -126                   | +100   -100                   | +80   -80                     | +120   -126                   | +120   -120                   | +80   -80                     | +100   -100             | +80   -80                     | +175   -175             | +150   -150              | +53   -53                       |
|                          | 60" to 66"               | +120   -126                   | +100   -100                   | +80   -80                     | +120   -126                   | +120   -120                   | +80   -80                     | +100   -100             | +80   -80                     | +175   -175             | +150   -150              | +48   -48                       |
|                          | 72" to 102"              | +120   -126                   | +100   -100                   | +80   -80                     | +120   -126                   | +120   -120                   | +80   -80                     | +100   -100             | -                             | +175   -175             | +150   -150              | -                               |
|                          | 108"                     | +120   -126                   | +100   -100                   | +80   -80                     | +120   -126                   | +118   -118                   | +80   -80                     | +100   -100             | -                             | +175   -175             | +150   -150              | -                               |
|                          | 114"                     | +120   -126                   | +100   -100                   | +80   -80                     | +120   -126                   | +110   -110                   | +80   -80                     | +100   -100             | -                             | +175   -175             | +150   -150              | -                               |
|                          | 120" to 126"             | +120   -126                   | -                             | +80   -80                     | +120   -126                   | -                             | +80   -80                     | +100   -100             | -                             | +175   -175             | +150   -150              | -                               |
|                          | 132"                     | +120   -126                   | -                             | +80   -80                     | +120   -126                   | -                             | +80   -80                     | +100   -100             | -                             | +175   -175             | -                        | -                               |
|                          | 138"                     | +120   -126                   | -                             | +80   -80                     | +120   -126                   | -                             | -                             | +100   -100             | -                             | +175   -175             | -                        | -                               |
|                          | 144" to 189"             | +120   -126                   | -                             | +80   -80                     | +120   -126                   | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |
| 192" to 252"             | -                        | -                             | -                             | -                             | -                             | -                             | +100   -100                   | -                       | -                             | -                       | -                        |                                 |
| 60"                      | 60"                      | +120   -123                   | +100   -100                   | +78   -78                     | +117   -122                   | +120   -120                   | +80   -80                     | +100   -100             | +80   -80                     | +175   -175             | +150   -150              | +48   -48                       |
|                          | 66"                      | +120   -123                   | +100   -100                   | +78   -78                     | +117   -122                   | +120   -120                   | +80   -80                     | +100   -100             | -                             | +175   -175             | +150   -150              | +48   -48                       |
|                          | 72" to 90"               | +120   -123                   | +100   -100                   | +78   -78                     | +117   -122                   | +120   -120                   | +80   -80                     | +100   -100             | -                             | +175   -175             | +150   -150              | -                               |
|                          | 96"                      | +117   -123                   | +100   -100                   | +78   -78                     | +117   -122                   | +120   -120                   | +80   -80                     | +100   -100             | -                             | +175   -175             | +150   -150              | -                               |
|                          | 102"                     | +117   -122                   | +100   -100                   | +78   -78                     | +117   -122                   | +120   -120                   | +80   -80                     | +100   -100             | -                             | +175   -175             | +150   -150              | -                               |
|                          | 108"                     | +117   -122                   | -                             | +78   -78                     | +117   -122                   | +112   -112                   | +80   -80                     | +100   -100             | -                             | +175   -175             | +150   -150              | -                               |
|                          | 114" to 120"             | +117   -122                   | -                             | +78   -78                     | +117   -122                   | -                             | +80   -80                     | +100   -100             | -                             | +175   -175             | +150   -150              | -                               |
|                          | 126" to 132"             | +117   -122                   | -                             | +78   -78                     | +117   -122                   | -                             | +80   -80                     | +100   -100             | -                             | +175   -175             | -                        | -                               |
|                          | 138"                     | +117   -122                   | -                             | +78   -78                     | +117   -122                   | -                             | -                             | +100   -100             | -                             | +175   -175             | -                        | -                               |
|                          | 144" to 180"             | +117   -122                   | -                             | +78   -78                     | +117   -122                   | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |
| 186" to 252"             | -                        | -                             | -                             | -                             | -                             | -                             | +100   -100                   | -                       | -                             | -                       | -                        |                                 |
| 66"                      | 66"                      | +120   -123                   | +100   -100                   | +70   -70                     | +106   -111                   | +120   -120                   | +72   -72                     | +100   -100             | -                             | +175   -175             | +150   -150              | -                               |
|                          | 72" to 84"               | +120   -120                   | +100   -100                   | +70   -70                     | +106   -111                   | +120   -120                   | +72   -72                     | +100   -100             | -                             | +175   -175             | +150   -150              | -                               |
|                          | 90"                      | +119   -119                   | +100   -100                   | +70   -70                     | +106   -111                   | +120   -120                   | +72   -72                     | +100   -100             | -                             | +175   -175             | +150   -150              | -                               |
|                          | 96"                      | +106   -111                   | -                             | +70   -70                     | +106   -111                   | +118   -118                   | +72   -72                     | +100   -100             | -                             | +175   -175             | +150   -150              | -                               |
|                          | 102"                     | +106   -111                   | -                             | +70   -70                     | +106   -111                   | +117   -117                   | +72   -72                     | +100   -100             | -                             | +175   -175             | +150   -150              | -                               |
|                          | 108" to 114"             | +106   -111                   | -                             | +70   -70                     | +106   -111                   | -                             | +72   -72                     | +100   -100             | -                             | +175   -175             | +150   -150              | -                               |
|                          | 120"                     | +106   -111                   | -                             | +70   -70                     | +106   -111                   | -                             | +72   -72                     | +100   -100             | -                             | +175   -175             | -                        | -                               |
|                          | 126" to 132"             | +106   -111                   | -                             | +70   -70                     | +106   -111                   | -                             | -                             | +100   -100             | -                             | +175   -175             | -                        | -                               |
|                          | 138" to 162"             | +106   -111                   | -                             | +70   -70                     | +106   -111                   | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |
|                          | 168" to 252"             | -                             | -                             | -                             | -                             | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |
| 72"                      | 72" to 84"               | +120   -120                   | +100   -100                   | +65   -65                     | +97   -102                    | +120   -120                   | +66   -66                     | +100   -100             | -                             | +161   -161             | +150   -150              | -                               |
|                          | 90"                      | +112   -112                   | +100   -100                   | +65   -65                     | +97   -102                    | +120   -120                   | +66   -66                     | +100   -100             | -                             | +161   -161             | +150   -150              | -                               |
|                          | 96" to 108"              | +97   -102                    | -                             | +65   -65                     | +97   -102                    | -                             | +66   -66                     | +100   -100             | -                             | +161   -161             | +150   -150              | -                               |
|                          | 114"                     | +97   -102                    | -                             | +65   -65                     | +97   -102                    | -                             | -                             | +100   -100             | -                             | +161   -161             | +150   -150              | -                               |
|                          | 120" to 126"             | +97   -102                    | -                             | +65   -65                     | +97   -102                    | -                             | -                             | +100   -100             | -                             | +161   -161             | -                        | -                               |
|                          | 132" to 150"             | +97   -102                    | -                             | +65   -65                     | +97   -102                    | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |
|                          | 156" to 252"             | -                             | -                             | -                             | -                             | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |



**NOTE:**  
GLASS CAPACITIES ON THIS SHEET ARE BASED  
ON ASTM E1300-09 (3 SEC. GUSTS).

**NOTE:**  
ALL PRESSURES SHOWN ON THIS SHEET ARE  
ALLOWABLE PRESSURES (ASD).



**JAVAD AHMAD PE, inc**

7875 NW 12 Street, Suite 102  
Doral, FL 33126  
Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING  
ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

## PRO-TECH 7SG ALUMINUM CURTAINWALL SYSTEM

CLIENT :

CRAWFORD TRACEY  
CORPORATION

3301 S.W. 13TH DR.,  
DEERFIELD BEACH, FL 33442  
(954) 698-6888

## REVISION

| No. | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
|     |      |    |             |
|     |      |    |             |

|       |            |
|-------|------------|
| Date: | 06-15-2026 |
|-------|------------|

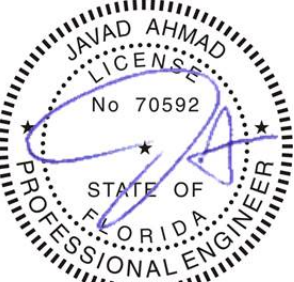
|        |     |
|--------|-----|
| Scale: | N/A |
|--------|-----|

|           |    |
|-----------|----|
| Drawn by: | DK |
|-----------|----|

|           |    |
|-----------|----|
| Check by: | PK |
|-----------|----|

|             |            |
|-------------|------------|
| Drawing no. | JA-1671-24 |
|-------------|------------|

Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254



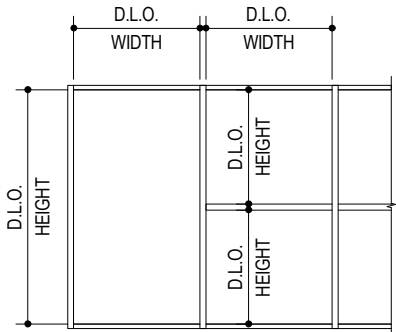
SEALED: 06-17-2026

6

OF 45

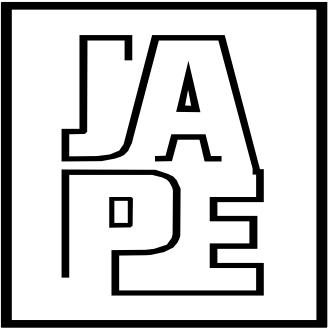
|                                    |            |
|------------------------------------|------------|
| GLASS LOAD TABLES (L.M.I.) (CONT.) | FL#29520.2 |
|------------------------------------|------------|

**FL#29520.2**

[illegible]

**NOTE:**  
GLASS CAPACITIES ON THIS SHEET ARE BASED  
ON ASTM E1300-09 (3 SEC. GUSTS).

**NOTE:**  
ALL PRESSURES SHOWN ON THIS SHEET ARE  
ALLOWABLE PRESSURES (ASD).



**JAVAD AHMAD PE, inc**

7875 NW 12 Street, Suite 102  
Doral, FL 33126

Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING  
ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

## PRO-TECH 7SG ALUMINUM CURTAINWALL SYSTEM

CLIENT :

CRAWFORD TRACEY  
CORPORATION

3301 S.W. 13TH DR.,  
DEERFIELD BEACH, FL 33442  
(954) 698-6888

## REVISION

| No. | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
|     |      |    |             |
|     |      |    |             |

|       |            |
|-------|------------|
| Date: | 06-15-2026 |
|-------|------------|

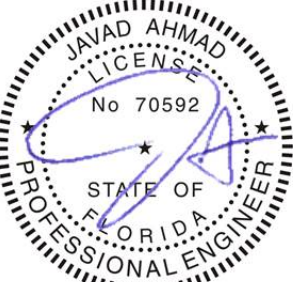
|        |     |
|--------|-----|
| Scale: | N/A |
|--------|-----|

|           |    |
|-----------|----|
| Drawn by: | DK |
|-----------|----|

|           |    |
|-----------|----|
| Check by: | PK |
|-----------|----|

|             |            |
|-------------|------------|
| Drawing no. | JA-1671-24 |
|-------------|------------|

Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254



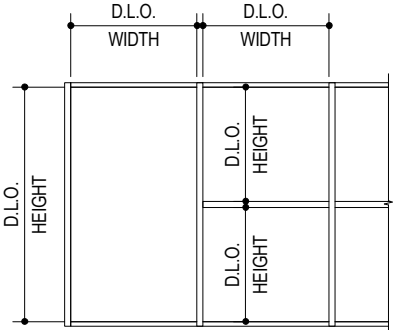
SEALED: 06-17-2026

|                                    |            |
|------------------------------------|------------|
| GLASS LOAD TABLES (L.M.I.) (CONT.) | FL#29520.2 |
|------------------------------------|------------|

**FL#29520.2**

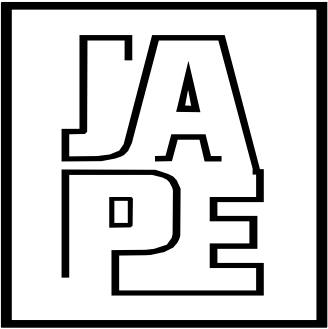
**GLASS LOAD CAPACITY (PSF) - L.M.I.**

| D.L.O                    |                          | L1 & L1A<br>EXT.(+)   INT.(-) | L2 & L2A<br>EXT.(+)   INT.(-) | L3 & L3A<br>EXT.(+)   INT.(-) | L4 & L4A<br>EXT.(+)   INT.(-) | L5 & L5A<br>EXT.(+)   INT.(-) | L6 & L6A<br>EXT.(+)   INT.(-) | L7<br>EXT.(+)   INT.(-) | L8 & L8A<br>EXT.(+)   INT.(-) | L9<br>EXT.(+)   INT.(-) | L10<br>EXT.(+)   INT.(-) | L11 & L11A<br>EXT.(+)   INT.(-) |
|--------------------------|--------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------|-------------------------------|-------------------------|--------------------------|---------------------------------|
| WIDTH OR<br>HEIGHT (IN.) | WIDTH OR<br>HEIGHT (IN.) |                               |                               |                               |                               |                               |                               |                         |                               |                         |                          |                                 |
| 156"                     | 24"                      | +120   -145                   | +100   -100                   | +80   -80                     | +120   -126                   | +120   -120                   | +100   -100                   | +100   -100             | -                             | +175   -175             | -                        | +80   -80                       |
|                          | 30" to 36"               | +120   -145                   | +100   -100                   | +80   -80                     | +120   -126                   | +120   -120                   | +100   -100                   | +100   -100             | -                             | +175   -175             | -                        | -                               |
|                          | 42"                      | +120   -126                   | +100   -100                   | +80   -80                     | +120   -126                   | -                             | +100   -100                   | +100   -100             | -                             | +175   -175             | -                        | -                               |
|                          | 48"                      | +120   -126                   | -                             | +80   -80                     | +120   -126                   | -                             | +100   -100                   | +100   -100             | -                             | +175   -175             | -                        | -                               |
|                          | 54"                      | +120   -126                   | -                             | +80   -80                     | +120   -126                   | -                             | -                             | +100   -100             | -                             | +175   -175             | -                        | -                               |
|                          | 58 1/2"                  | +120   -126                   | -                             | +80   -80                     | +120   -126                   | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |
|                          | 60"                      | +117   -122                   | -                             | +78   -78                     | +117   -122                   | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |
|                          | 66"                      | +106   -111                   | -                             | +70   -70                     | +106   -111                   | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |
|                          | 72" to 102"              | -                             | -                             | -                             | -                             | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |
|                          | 108"                     | -                             | -                             | -                             | -                             | -                             | -                             | +98   -98               | -                             | -                       | -                        | -                               |
|                          | 114"                     | -                             | -                             | -                             | -                             | -                             | -                             | +93   -93               | -                             | -                       | -                        | -                               |
|                          | 120"                     | -                             | -                             | -                             | -                             | -                             | -                             | +88   -88               | -                             | -                       | -                        | -                               |
|                          | 126"                     | -                             | -                             | -                             | -                             | -                             | -                             | +84   -84               | -                             | -                       | -                        | -                               |
| 132"                     | -                        | -                             | -                             | -                             | -                             | -                             | +80   -80                     | -                       | -                             | -                       | -                        |                                 |
| 162"                     | 24"                      | +120   -145                   | +100   -100                   | +80   -80                     | +120   -126                   | +120   -120                   | +100   -100                   | +100   -100             | -                             | +175   -175             | -                        | +80   -80                       |
|                          | 30" to 36"               | +120   -145                   | +100   -100                   | +80   -80                     | +120   -126                   | +120   -120                   | +100   -100                   | +100   -100             | -                             | +175   -175             | -                        | -                               |
|                          | 42"                      | +120   -126                   | +100   -100                   | +80   -80                     | +120   -126                   | -                             | +100   -100                   | +100   -100             | -                             | +175   -175             | -                        | -                               |
|                          | 48"                      | +120   -126                   | -                             | +80   -80                     | +120   -126                   | -                             | +100   -100                   | +100   -100             | -                             | +175   -175             | -                        | -                               |
|                          | 54"                      | +120   -126                   | -                             | +80   -80                     | +120   -126                   | -                             | -                             | +100   -100             | -                             | +175   -175             | -                        | -                               |
|                          | 58 1/2"                  | +120   -126                   | -                             | +80   -80                     | +120   -126                   | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |
|                          | 60"                      | +117   -122                   | -                             | +78   -78                     | +117   -122                   | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |
|                          | 66"                      | +106   -111                   | -                             | +70   -70                     | +106   -111                   | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |
|                          | 72" to 102"              | -                             | -                             | -                             | -                             | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |
|                          | 108"                     | -                             | -                             | -                             | -                             | -                             | -                             | +98   -98               | -                             | -                       | -                        | -                               |
|                          | 114"                     | -                             | -                             | -                             | -                             | -                             | -                             | +93   -93               | -                             | -                       | -                        | -                               |
|                          | 120"                     | -                             | -                             | -                             | -                             | -                             | -                             | +88   -88               | -                             | -                       | -                        | -                               |
|                          | 126"                     | -                             | -                             | -                             | -                             | -                             | -                             | +84   -84               | -                             | -                       | -                        | -                               |
| 168"                     | 24"                      | +120   -145                   | +100   -100                   | +80   -80                     | +120   -126                   | +120   -120                   | +100   -100                   | +100   -100             | -                             | +175   -175             | -                        | +80   -80                       |
|                          | 30"                      | +120   -145                   | +100   -100                   | +80   -80                     | +120   -126                   | +120   -120                   | +100   -100                   | +100   -100             | -                             | +175   -175             | -                        | -                               |
|                          | 36"                      | +120   -126                   | +100   -100                   | +80   -80                     | +120   -126                   | +120   -120                   | +100   -100                   | +100   -100             | -                             | +175   -175             | -                        | -                               |
|                          | 42" to 48"               | +120   -126                   | -                             | +80   -80                     | +120   -126                   | -                             | +100   -100                   | +100   -100             | -                             | +175   -175             | -                        | -                               |
|                          | 54"                      | +120   -126                   | -                             | +80   -80                     | +120   -126                   | -                             | -                             | +100   -100             | -                             | +175   -175             | -                        | -                               |
|                          | 58 1/2"                  | +120   -126                   | -                             | +80   -80                     | +120   -126                   | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |
|                          | 60"                      | +117   -122                   | -                             | +78   -78                     | +117   -122                   | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |
|                          | 66" to 102"              | -                             | -                             | -                             | -                             | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |
|                          | 108"                     | -                             | -                             | -                             | -                             | -                             | -                             | +98   -98               | -                             | -                       | -                        | -                               |
|                          | 114"                     | -                             | -                             | -                             | -                             | -                             | -                             | +93   -93               | -                             | -                       | -                        | -                               |
|                          | 120"                     | -                             | -                             | -                             | -                             | -                             | -                             | +88   -88               | -                             | -                       | -                        | -                               |



**NOTE:**  
GLASS CAPACITIES ON THIS SHEET ARE BASED  
ON ASTM E1300-09 (3 SEC. GUSTS).

**NOTE:**  
ALL PRESSURES SHOWN ON THIS SHEET ARE  
ALLOWABLE PRESSURES (ASD).



**JAVAD AHMAD PE, inc**

7875 NW 12 Street, Suite 102  
Doral, FL 33126

Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING  
ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

# PRO-TECH 7SG ALUMINUM CURTAINWALL SYSTEM

CLIENT :

CRAWFORD TRACEY  
CORPORATION

3301 S.W. 13TH DR.,  
DEERFIELD BEACH, FL 33442  
(954) 698-6888

## REVISION

| No. | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
|     |      |    |             |
|     |      |    |             |

|       |            |
|-------|------------|
| Date: | 06-15-2026 |
|-------|------------|

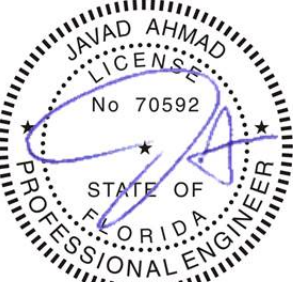
|        |     |
|--------|-----|
| Scale: | N/A |
|--------|-----|

|           |    |
|-----------|----|
| Drawn by: | DK |
|-----------|----|

|           |    |
|-----------|----|
| Check by: | PK |
|-----------|----|

|             |            |
|-------------|------------|
| Drawing no. | JA-1671-24 |
|-------------|------------|

Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254



SEALED: 06-17-2026

| GLASS LOAD TABLES (L.M.I.) (CONT.) |                          |                               |                               |                               |                               |                               |                               |                         |                               |                         |                          | FL#29520.2                      |  |  |
|------------------------------------|--------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------|-------------------------------|-------------------------|--------------------------|---------------------------------|--|--|
| GLASS LOAD CAPACITY (PSF) - L.M.I. |                          |                               |                               |                               |                               |                               |                               |                         |                               |                         |                          |                                 |  |  |
| D.L.O                              |                          | L1 & L1A<br>EXT.(+)   INT.(-) | L2 & L2A<br>EXT.(+)   INT.(-) | L3 & L3A<br>EXT.(+)   INT.(-) | L4 & L4A<br>EXT.(+)   INT.(-) | L5 & L5A<br>EXT.(+)   INT.(-) | L6 & L6A<br>EXT.(+)   INT.(-) | L7<br>EXT.(+)   INT.(-) | L8 & L8A<br>EXT.(+)   INT.(-) | L9<br>EXT.(+)   INT.(-) | L10<br>EXT.(+)   INT.(-) | L11 & L11A<br>EXT.(+)   INT.(-) |  |  |
| WIDTH OR<br>HEIGHT (IN.)           | WIDTH OR<br>HEIGHT (IN.) |                               |                               |                               |                               |                               |                               |                         |                               |                         |                          |                                 |  |  |
| 174"                               | 24"                      | +120   -145                   | +100   -100                   | +80   -80                     | +120   -126                   | +120   -120                   | -                             | +100   -100             | -                             | +175   -175             | -                        | +80   -80                       |  |  |
|                                    | 30"                      | +120   -145                   | +100   -100                   | +80   -80                     | +120   -126                   | +120   -120                   | -                             | +100   -100             | -                             | +175   -175             | -                        | -                               |  |  |
|                                    | 36"                      | +120   -126                   | +100   -100                   | +80   -80                     | +120   -126                   | +120   -120                   | -                             | +100   -100             | -                             | +175   -175             | -                        | -                               |  |  |
|                                    | 42"                      | +120   -126                   | -                             | +80   -80                     | +120   -126                   | -                             | -                             | +100   -100             | -                             | +175   -175             | -                        | -                               |  |  |
|                                    | 48" to 58 1/2"           | +120   -126                   | -                             | +80   -80                     | +120   -126                   | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |  |  |
|                                    | 60"                      | +117   -122                   | -                             | +78   -78                     | +117   -122                   | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |  |  |
|                                    | 66" to 102"              | -                             | -                             | -                             | -                             | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |  |  |
|                                    | 108"                     | -                             | -                             | -                             | -                             | -                             | -                             | +98   -98               | -                             | -                       | -                        | -                               |  |  |
|                                    | 114"                     | -                             | -                             | -                             | -                             | -                             | -                             | +93   -93               | -                             | -                       | -                        | -                               |  |  |
| 120"                               | -                        | -                             | -                             | -                             | -                             | -                             | -                             | +88   -88               | -                             | -                       | -                        | -                               |  |  |
| 180"                               | 24" to 30"               | +120   -145                   | +100   -100                   | +80   -80                     | +120   -126                   | +120   -120                   | -                             | +100   -100             | -                             | +175   -175             | -                        | -                               |  |  |
|                                    | 36" to 42"               | +120   -126                   | -                             | +80   -80                     | +120   -126                   | -                             | -                             | +100   -100             | -                             | +175   -175             | -                        | -                               |  |  |
|                                    | 48" to 58 1/2"           | +120   -126                   | -                             | +80   -80                     | +120   -126                   | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |  |  |
|                                    | 60"                      | +117   -122                   | -                             | +78   -78                     | +117   -122                   | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |  |  |
|                                    | 66" to 102"              | -                             | -                             | -                             | -                             | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |  |  |
|                                    | 108"                     | -                             | -                             | -                             | -                             | -                             | -                             | +98   -98               | -                             | -                       | -                        | -                               |  |  |
| 114"                               | -                        | -                             | -                             | -                             | -                             | -                             | -                             | +93   -93               | -                             | -                       | -                        | -                               |  |  |
| 186" to 189"                       | 24" to 30"               | +120   -145                   | +100   -100                   | +80   -80                     | +120   -126                   | +120   -120                   | -                             | +100   -100             | -                             | +175   -175             | -                        | -                               |  |  |
|                                    | 36" to 42"               | +120   -126                   | -                             | +80   -80                     | +120   -126                   | -                             | -                             | +100   -100             | -                             | +175   -175             | -                        | -                               |  |  |
|                                    | 48" to 58 1/2"           | +120   -126                   | -                             | +80   -80                     | +120   -126                   | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |  |  |
|                                    | 60" to 102"              | -                             | -                             | -                             | -                             | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |  |  |
|                                    | 108"                     | -                             | -                             | -                             | -                             | -                             | -                             | +98   -98               | -                             | -                       | -                        | -                               |  |  |
| 192"                               | 24 to 30"                | +120   -145                   | +100   -100                   | -                             | +120   -126                   | +120   -120                   | -                             | +100   -100             | -                             | +175   -175             | -                        | -                               |  |  |
|                                    | 36" to 42"               | +120   -126                   | -                             | -                             | +120   -126                   | -                             | -                             | +100   -100             | -                             | +175   -175             | -                        | -                               |  |  |
|                                    | 48" to 54"               | +120   -126                   | -                             | -                             | +120   -126                   | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |  |  |
|                                    | 48" to 58 1/2"           | -                             | -                             | -                             | -                             | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |  |  |
|                                    | 108"                     | -                             | -                             | -                             | -                             | -                             | -                             | +98   -98               | -                             | -                       | -                        | -                               |  |  |
| 198" to 204"                       | 24" to 30"               | +120   -126                   | +100   -100                   | -                             | +120   -126                   | +120   -120                   | -                             | +100   -100             | -                             | +175   -175             | -                        | -                               |  |  |
|                                    | 36" to 42"               | +120   -126                   | -                             | -                             | +120   -126                   | -                             | -                             | +100   -100             | -                             | +175   -175             | -                        | -                               |  |  |
|                                    | 48" to 54"               | +120   -126                   | -                             | -                             | +120   -126                   | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |  |  |
|                                    | 58 1/2" to 102"          | -                             | -                             | -                             | -                             | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |  |  |
| 210"                               | 24" to 30"               | +120   -126                   | +100   -100                   | -                             | +120   -126                   | +120   -120                   | -                             | +100   -100             | -                             | -                       | -                        | -                               |  |  |
|                                    | 36" to 48"               | +120   -126                   | -                             | -                             | +120   -126                   | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |  |  |
|                                    | 54" to 96"               | -                             | -                             | -                             | -                             | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |  |  |
| 216"                               | 24" to 48"               | +120   -126                   | -                             | -                             | +120   -126                   | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |  |  |
|                                    | 54" to 96"               | -                             | -                             | -                             | -                             | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |  |  |
| 222" to 228"                       | 24" to 48"               | +120   -126                   | -                             | -                             | +120   -126                   | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |  |  |
|                                    | 54" to 90"               | -                             | -                             | -                             | -                             | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |  |  |
| 233" to 246"                       | 24" to 42"               | +120   -126                   | -                             | -                             | +120   -126                   | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |  |  |
|                                    | 48" to 84"               | -                             | -                             | -                             | -                             | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |  |  |
| 252"                               | 24" to 42"               | +120   -126                   | -                             | -                             | +120   -126                   | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |  |  |
|                                    | 48" to 78"               | -                             | -                             | -                             | -                             | -                             | -                             | +100   -100             | -                             | -                       | -                        | -                               |  |  |

D.L.O.  
HEIGHT

D.L.O.  
HEIGHT

D.L.O.  
HEIGHT

NOTE:

GLASS CAPACITIES ON THIS SHEET ARE BASED  
ON ASTM E1300-09 (3 SEC. GUSTS).

NOTE:

ALL PRESSURES SHOWN ON THIS SHEET ARE  
ALLOWABLE PRESSURES (ASD).

J  
A  
P  
E

JAVAD AHMAD PE, inc

7875 NW 12 Street, Suite 102  
Doral, FL 33126  
Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING  
ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

PRO-TECH 7SG ALUMINUM  
CURTAINWALL SYSTEM

CLIENT :

CRAWFORD TRACEY  
CORPORATION

3301 S.W. 13TH DR.,  
DEERFIELD BEACH, FL 33442  
(954) 698-6888

REVISION

| No.         | DATE       | BY | DESCRIPTION |
|-------------|------------|----|-------------|
|             |            |    |             |
|             |            |    |             |
| Date:       | 06-15-2026 |    |             |
| Scale:      | N/A        |    |             |
| Drawn by:   | DK         |    |             |
| Check by:   | PK         |    |             |
| Drawing no. | JA-1671-24 |    |             |

Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254

JAVAD AHMAD  
LICENSE  
No 70592  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER

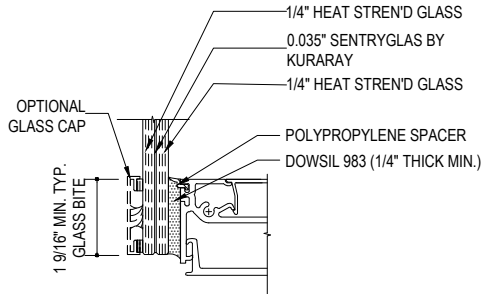
SEALED: 06-17-2026

9

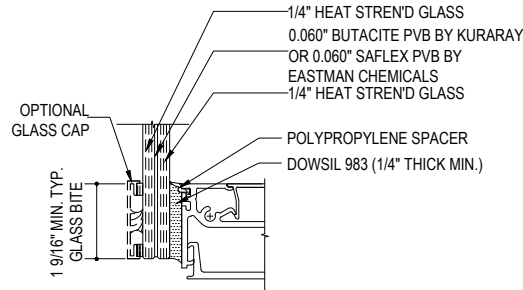
OF 45

GLASS TYPES (S.M.I.)

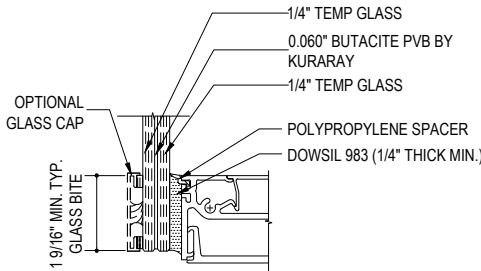
FL#29520.2



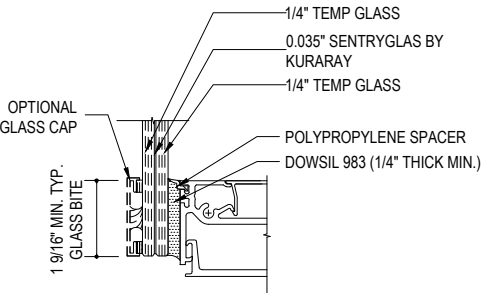
GLASS TYPE 'S1'  
9/16" THK. LAM. GLASS  
(S.M.I.)



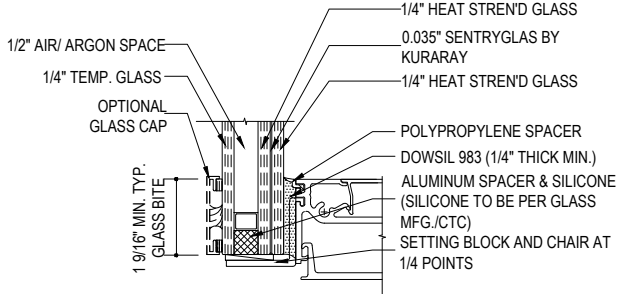
GLASS TYPE 'S2'  
9/16" THK. LAM. GLASS  
(S.M.I.)



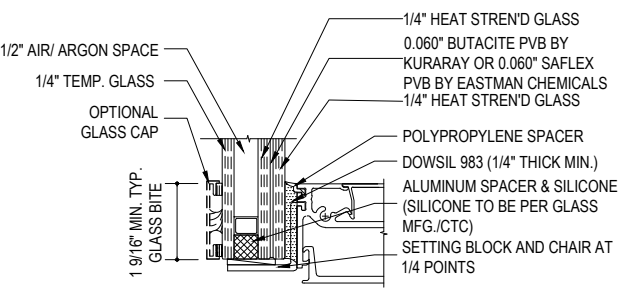
GLASS TYPE 'S3'  
9/16" THK. LAM. GLASS  
(S.M.I.)



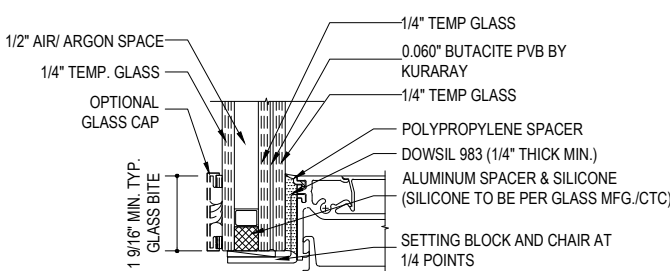
GLASS TYPE 'S4'  
9/16" THK. LAM. GLASS  
(S.M.I.)



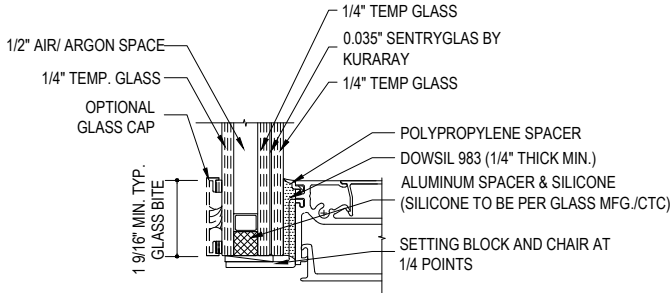
GLASS TYPE 'S1A'  
1-5/16" THK. INSUL LAM. GLASS  
(S.M.I.)



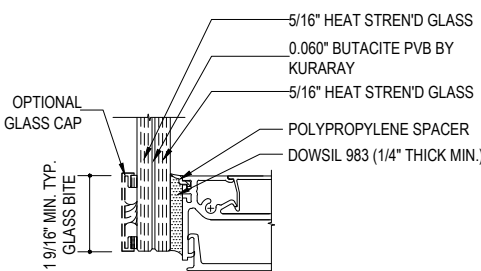
GLASS TYPE 'S2A'  
1-5/16" THK. INSUL LAM. GLASS  
(S.M.I.)



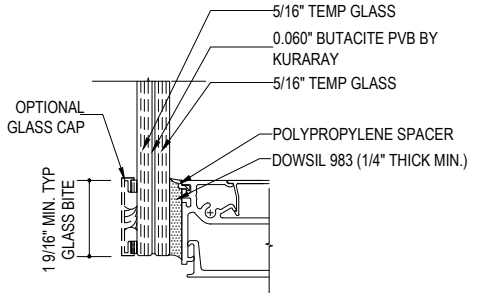
GLASS TYPE 'S3A'  
1-5/16" THK. INSUL LAM. GLASS  
(S.M.I.)



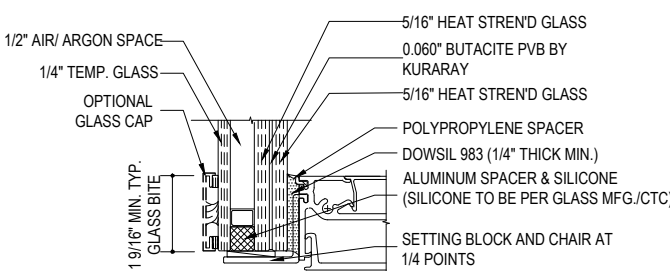
GLASS TYPE 'S4A'  
1-5/16" THK. INSUL LAM. GLASS  
(S.M.I.)



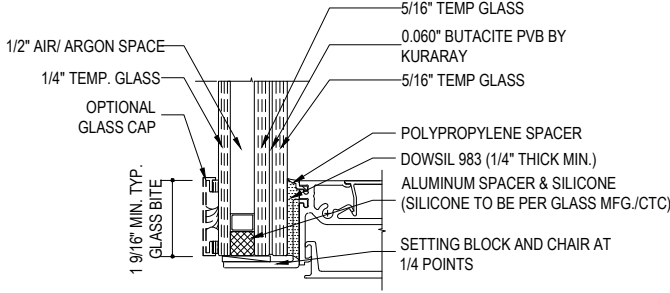
GLASS TYPE 'S5'  
11/16" THK. LAM. GLASS  
(S.M.I.)



GLASS TYPE 'S6'  
11/16" THK. LAM. GLASS  
(S.M.I.)



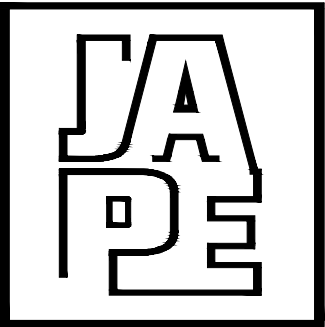
GLASS TYPE 'S5A'  
1-7/16" THK. INSUL LAM. GLASS  
(S.M.I.)



GLASS TYPE 'S6A'  
1-7/16" THK. INSUL LAM. GLASS  
(S.M.I.)

GLASS TYPE NOTES:

- ASTM E1300:** ALL GLASS TYPES SHOWN COMPLY WITH ASTM E1300.
- GEOMTRICAL SHAPES:** GLAZED GEOMTRICAL SHAPES MAY BE USED, PROVIDED THEY FIT INSIDE THE APPROVED INSCRIBED SIZES SHOWN ON THE GLASS LOADING TABLES.
- REDUCED GLASS BITE:** GLAZING DETAILS WITH A SILICONE BITE OF 1-9/16" ARE PERMITTED TO BE DECREASED TO A MINIMUM OF 1-3/8" SILICONE BITE, PROVIDED THE ALLOWABLE PRESSURES SHOWN ON THE GLASS LOADING TABLES ARE DECREASED BY 16%.
- CERAMIC FRIT:** OPTION OF .019" CERAMIC FRIT ON ROOM SIDE SURFACE OF INNER PANE OF GLASS IS ALLOWED.
- GLASS ORIENTATION:** GLASS MAY BE VERTICALLY OR HORIZONTALLY ORIENTED.
- SLOPED SYSTEMS:** SLOPED SYSTEMS SHALL BE DESIGNED ON A SITE SPECIFIC BASIS WITH APPROVAL FROM A LICENSED PROFESSIONAL ENGINEER AND THE PRODUCT MANUFACTURER.
- CAPS & FINS:** OPTIONAL GLASS CAPS, FINS, OR SIMILAR ACCESSORIES OF VARIOUS SIZES MAY BE ATTACHED WITH STRUCTURAL SILICONE, BASED ON SITE SPECIFIC ENGINEERING FROM A LICENSED PROFESSIONAL ENGINEER.
- GLASS EXTENSIONS:** CONDITIONS WHERE GLASS EXTENDS PAST THE FRAME ARE ALLOWED. THIS CONDITION SHALL REQUIRE APPROVAL BY A LICENSED PROFESSIONAL ENGINEER.
- NON-IMPACT GLASS:** NON-IMPACT GLASS TO DESIGNED ON A SITE SPECIFIC BASIS AND APPROVED BY A LICENSED PROFESSIONAL ENGINEER.
- THICKER GLASS:** THICKER GLASS LITES MAY BE USED IN THE SAME CONFIGURATIONS AS SHOWN, AS REQUIRED ON A SITE SPECIFIC BASIS AND SHALL BE APPROVED BY A LICENSED PROFESSIONAL ENGINEER.
- CURVED GLASS:** CURVED OR BENT GLASS MAY BE USED IN THE SAME CONFIGURATIONS AS SHOWN, IN ACCORDANCE WITH SITE SPECIFIC REQUIREMENTS. IF CURVED OR BENT GLASS IS USED, IT SHALL BE CHECKED AND APPROVED BY A LICENSED PROFESSIONAL ENGINEER AND THE PRODUCT MANUFACTURER. FINAL APPROVAL SHALL BE GIVEN BY AUTHORITY HAVING JURISDICTION.
- MONOLITHIC GLASS:** NON-LAMINATED MONOLITHIC GLASS MAY BE USED IN PLACE OF THE LAMINATED OPTIONS SHOWN GIVEN THAT THE GLASS TO BE USED IS LABELED AS "NON-IMPACT RESISTANT" AND IS DESIGNED TO MEET ASTM E1300 STANDARDS. THE SUBSTITUTED GLAZING MUST BE CHECKED AND APPROVED BY A LICENSED PROFESSIONAL ENGINEER AND THE PRODUCT MANUFACTURER.
- INSULATED GLASS UNIT (IGU) AIR SPACE:** FOR INSULATED GLASS UNITS, THE AIR SPACE WIDTH CAN BE INCREASED ON A SITE SPECIFIC BASIS WITH APPROVAL FROM A LICENSED PROFESSIONAL ENGINEER AND THE PRODUCT MANUFACTURER.



JAVAD AHMAD PE, inc

7875 NW 12 Street, Suite 102  
Doral, FL 33126  
Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING  
ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

PRO-TECH 7SG ALUMINUM  
CURTAINWALL SYSTEM

CLIENT :

CRAWFORD TRACEY  
CORPORATION

3301 S.W. 13TH DR.,  
DEERFIELD BEACH, FL 33442  
(954) 698-6888

REVISION

| No. | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
|     |      |    |             |
|     |      |    |             |

Date: 06-15-2026

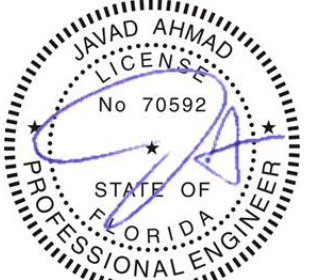
Scale: N/A

Drawn by: DK

Check by: PK

Drawing no. JA-1671-24

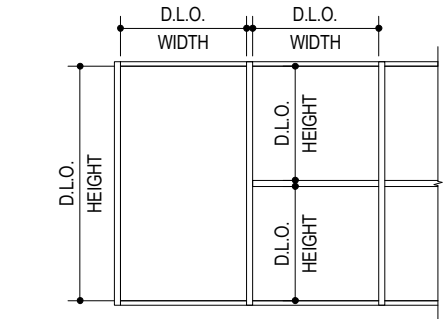
Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254



SEALED: 06-17-2026

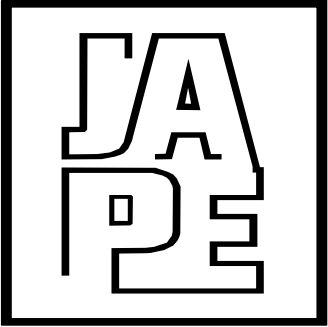
| GLASS LOAD CAPACITY (PSF) - S.M.I. |                          |                               |                               |                               |                               |                               |                               |
|------------------------------------|--------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| D.L.O                              |                          | S1 & S1A<br>EXT.(+)   INT.(-) | S2 & S2A<br>EXT.(+)   INT.(-) | S3 & S3A<br>EXT.(+)   INT.(-) | S4 & S4A<br>EXT.(+)   INT.(-) | S5 & S5A<br>EXT.(+)   INT.(-) | S6 & S6A<br>EXT.(+)   INT.(-) |
| WIDTH OR<br>HEIGHT (IN.)           | WIDTH OR<br>HEIGHT (IN.) |                               |                               |                               |                               |                               |                               |
| 24"                                | 24" to 114"              | +120   -145                   | +120   -132                   | +120   -126                   | +160   -150                   | +120   -132                   | +120   -132                   |
|                                    | 120" to 126"             | +120   -145                   | +120   -132                   | +120   -126                   | -                             | +120   -132                   | +120   -132                   |
|                                    | 132 "to 162"             | +120   -120                   | +120   -132                   | +120   -126                   | -                             | +120   -132                   | +120   -132                   |
|                                    | 168" to 233"             | -                             | +120   -132                   | +120   -126                   | -                             | +120   -132                   | +120   -132                   |
|                                    | 240" to 252"             | -                             | +120   -132                   | +120   -126                   | -                             | -                             | +120   -132                   |
| 30"                                | 30" to 114"              | +120   -145                   | +120   -132                   | +120   -126                   | +160   -150                   | +120   -132                   | +120   -132                   |
|                                    | 120" to 126"             | +120   -120                   | +120   -132                   | +120   -126                   | +160   -150                   | +120   -132                   | +120   -132                   |
|                                    | 132" to 162"             | +120   -120                   | +120   -132                   | +120   -126                   | -                             | +120   -132                   | +120   -132                   |
|                                    | 168" to 233"             | -                             | +120   -132                   | +120   -126                   | -                             | +120   -132                   | +120   -132                   |
|                                    | 240" to 252"             | -                             | +120   -132                   | +120   -126                   | -                             | -                             | +120   -132                   |
| 36"                                | 36" to 108"              | +120   -145                   | +120   -132                   | +120   -126                   | +160   -150                   | +120   -132                   | +120   -132                   |
|                                    | 114"                     | +120   -120                   | +120   -132                   | +120   -126                   | +160   -150                   | +120   -132                   | +120   -132                   |
|                                    | 120" to 162"             | +120   -120                   | +120   -132                   | +120   -126                   | -                             | +120   -132                   | +120   -132                   |
|                                    | 168" to 233"             | -                             | +120   -132                   | +120   -126                   | -                             | +120   -132                   | +120   -132                   |
|                                    | 240" to 252"             | -                             | +120   -132                   | +120   -126                   | -                             | -                             | +120   -132                   |
| 42"                                | 42" to 90"               | +120   -145                   | +120   -132                   | +120   -126                   | +160   -150                   | +120   -132                   | +120   -132                   |
|                                    | 96" to 114"              | +120   -120                   | +120   -132                   | +120   -126                   | +160   -150                   | +120   -132                   | +120   -132                   |
|                                    | 120" to 150"             | +120   -120                   | +120   -132                   | +120   -126                   | -                             | +120   -132                   | +120   -132                   |
|                                    | 156" to 233"             | -                             | +120   -132                   | +120   -126                   | -                             | +120   -132                   | +120   -132                   |
|                                    | 240 to 252               | -                             | +120   -132                   | +120   -126                   | -                             | -                             | +120   -132                   |
| 48"                                | 48" to 90"               | +120   -145                   | +120   -132                   | +120   -126                   | +160   -150                   | +120   -132                   | +120   -132                   |
|                                    | 96" to 114"              | +120   -120                   | +120   -132                   | +120   -126                   | +160   -150                   | +120   -132                   | +120   -132                   |
|                                    | 120" to 126"             | +120   -120                   | +120   -132                   | +120   -126                   | -                             | +120   -132                   | +120   -132                   |
|                                    | 132"                     | +116   -116                   | +120   -132                   | +120   -126                   | -                             | +120   -132                   | +120   -132                   |
|                                    | 138"                     | +112   -112                   | +120   -132                   | +120   -126                   | -                             | +120   -132                   | +120   -132                   |
|                                    | 144" to 233"             | -                             | +120   -132                   | +120   -126                   | -                             | +120   -132                   | +120   -132                   |
|                                    | 240"                     | -                             | +120   -132                   | +120   -126                   | -                             | -                             | +120   -132                   |
|                                    | 246" to 252"             | -                             | +120   -132                   | -                             | -                             | -                             | +120   -132                   |
| 54"                                | 54" to 78"               | +120   -145                   | +120   -132                   | +120   -126                   | +160   -150                   | +120   -132                   | +120   -132                   |
|                                    | 84" to 108"              | +120   -120                   | +120   -132                   | +120   -126                   | +160   -150                   | +120   -132                   | +120   -132                   |
|                                    | 114"                     | +116   -116                   | +120   -132                   | +120   -126                   | +160   -150                   | +120   -132                   | +120   -132                   |
|                                    | 120"                     | +112   -112                   | +120   -132                   | +120   -126                   | -                             | +120   -132                   | +120   -132                   |
|                                    | 126"                     | +108   -108                   | +120   -132                   | +120   -126                   | -                             | +120   -132                   | +120   -132                   |
|                                    | 132" to 233"             | -                             | +120   -132                   | +120   -126                   | -                             | +120   -132                   | +120   -132                   |
|                                    | 240"                     | -                             | +120   -132                   | +120   -126                   | -                             | -                             | +120   -132                   |
|                                    | 246" to 252"             | -                             | +120   -132                   | -                             | -                             | -                             | +120   -132                   |
| 58 1/2"                            | 58 1/2" to 72"           | +120   -145                   | +120   -132                   | +120   -126                   | +160   -150                   | +120   -132                   | +120   -132                   |
|                                    | 78" to 96"               | +120   -120                   | +120   -132                   | +120   -126                   | +160   -150                   | +120   -132                   | +120   -132                   |
|                                    | 102"                     | +119   -119                   | +120   -132                   | +120   -126                   | +160   -150                   | +120   -132                   | +120   -132                   |
|                                    | 108"                     | +113   -113                   | +120   -132                   | +120   -126                   | +160   -150                   | +120   -132                   | +120   -132                   |
|                                    | 114" to 233"             | -                             | +120   -132                   | +120   -126                   | -                             | +120   -132                   | +120   -132                   |
|                                    | 240"                     | -                             | +120   -132                   | +120   -126                   | -                             | -                             | +120   -132                   |

| GLASS LOAD CAPACITY (PSF) - S.M.I. |                          |                               |                               |                               |                               |                               |                               |
|------------------------------------|--------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| D.L.O                              |                          | S1 & S1A<br>EXT.(+)   INT.(-) | S2 & S2A<br>EXT.(+)   INT.(-) | S3 & S3A<br>EXT.(+)   INT.(-) | S4 & S4A<br>EXT.(+)   INT.(-) | S5 & S5A<br>EXT.(+)   INT.(-) | S6 & S6A<br>EXT.(+)   INT.(-) |
| WIDTH OR<br>HEIGHT (IN.)           | WIDTH OR<br>HEIGHT (IN.) |                               |                               |                               |                               |                               |                               |
| 60"                                | 60" to 66"               | +120   -145                   | +120   -132                   | +120   -126                   | +160   -150                   | +117   -128                   | +120   -132                   |
|                                    | 72" to 96"               | +120   -120                   | +120   -132                   | +120   -126                   | +160   -150                   | +117   -128                   | +120   -132                   |
|                                    | 102"                     | +119   -119                   | +120   -132                   | +120   -126                   | +160   -150                   | +117   -128                   | +120   -132                   |
|                                    | 108"                     | +110   -110                   | +120   -132                   | +120   -126                   | +160   -150                   | +117   -128                   | +120   -132                   |
|                                    | 114" to 222"             | -                             | +120   -132                   | +120   -126                   | -                             | +117   -128                   | +120   -132                   |
|                                    | 228" to 240"             | -                             | +120   -132                   | +120   -126                   | -                             | -                             | +120   -132                   |
| 66"                                | 66"                      | +120   -145                   | +111   -123                   | +111   -117                   | +160   -150                   | +106   -117                   | +111   -123                   |
|                                    | 72" to 96"               | +120   -120                   | +111   -123                   | +111   -117                   | +160   -150                   | +106   -117                   | +111   -123                   |
|                                    | 102"                     | +115   -115                   | +111   -123                   | +111   -117                   | -                             | +106   -117                   | +111   -123                   |
|                                    | 108" to 204"             | -                             | +111   -123                   | +111   -117                   | -                             | +106   -117                   | +111   -123                   |
| 72"                                | 210" to 216"             | -                             | +111   -123                   | +111   -117                   | -                             | -                             | +111   -123                   |
|                                    | 72" to 90"               | +120   -120                   | +102   -112                   | +102   -107                   | +160   -150                   | +97   -107                    | +102   -112                   |
|                                    | 96" to 189"              | -                             | +102   -112                   | +102   -107                   | -                             | +97   -107                    | +102   -112                   |
| 78"                                | 192"                     | -                             | +102   -112                   | +102   -107                   | -                             | -                             | +102   -112                   |
|                                    | 78"                      | +120   -120                   | +94   -104                    | +94   -99                     | +160   -150                   | +90   -99                     | +94   -104                    |
|                                    | 84"                      | +115   -115                   | +94   -104                    | +94   -99                     | +160   -150                   | +90   -99                     | +94   -104                    |
| 84"                                | 90" to 174"              | -                             | +94   -104                    | +94   -99                     | -                             | +90   -99                     | +94   -104                    |
|                                    | 180"                     | -                             | +94   -104                    | +94   -99                     | -                             | -                             | +94   -104                    |
|                                    | 84" to 162"              | -                             | +87   -96                     | +87   -92                     | -                             | +83   -91                     | +87   -96                     |
| 90"                                | 168"                     | -                             | +87   -96                     | +87   -92                     | -                             | -                             | +87   -96                     |
|                                    | 90" to 150"              | -                             | +82   -90                     | +82   -86                     | -                             | +78   -85                     | +82   -90                     |
| 96"                                | 156"                     | -                             | +82   -90                     | +82   -86                     | -                             | -                             | +82   -90                     |
|                                    | 96" to 138"              | -                             | +76   -84                     | +76   -80                     | -                             | +73   -80                     | +76   -84                     |
| 102"                               | 144" to 150"             | -                             | +76   -84                     | +76   -80                     | -                             | -                             | +76   -84                     |
|                                    | 102" to 132"             | -                             | +72   -79                     | +72   -75                     | -                             | +68   -75                     | +72   -79                     |
| 108"                               | 108" to 126"             | -                             | +68   -75                     | +68   -71                     | -                             | +65   -71                     | +68   -75                     |
|                                    | 132"                     | -                             | +68   -75                     | +68   -71                     | -                             | -                             | +68   -75                     |
| 114"                               | 114"                     | -                             | +64   -71                     | +64   -67                     | -                             | +61   -67                     | +64   -71                     |
|                                    | 120"                     | -                             | +64   -71                     | +64   -67                     | -                             | -                             | +64   -71                     |
| 120"                               | 120"                     | -                             | +61   -67                     | +61   -64                     | -                             | -                             | +61   -67                     |



**NOTE:**  
GLASS CAPACITIES ON THIS SHEET ARE BASED  
ON ASTM E1300-09 (3 SEC. GUSTS).

**NOTE:**  
ALL PRESSURES SHOWN ON THIS SHEET ARE  
ALLOWABLE PRESSURES (ASD).



**JAVAD AHMAD PE, inc**

7875 NW 12 Street, Suite 102  
Doral, FL 33126  
Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING  
ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

PRO-TECH 7SG ALUMINUM  
CURTAINWALL SYSTEM

CLIENT :

CRAWFORD TRACEY  
CORPORATION

3301 S.W. 13TH DR.,  
DEERFIELD BEACH, FL 33442  
(954) 698-6888

REVISION

| No. | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
|     |      |    |             |
|     |      |    |             |

Date: 06-15-2026

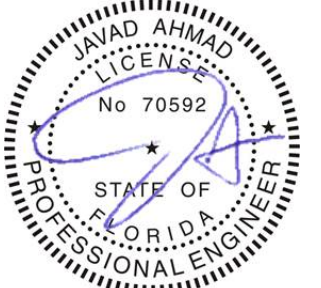
Scale: N/A

Drawn by: DK

Check by: PK

Drawing no. JA-1671-24

Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254



SEALED: 06-17-2026

| GLASS LOAD TABLES (S.M.I.) (CONT.) |                          |                               |                               |                               |                               |                               |                               |                                    |                                                                                                                                                                                                                                                                                                                                                 | FL#29520.2                    |                               |                               |                               |                               |                               |             |
|------------------------------------|--------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------|
| GLASS LOAD CAPACITY (PSF) - S.M.I. |                          |                               |                               |                               |                               |                               |                               | GLASS LOAD CAPACITY (PSF) - S.M.I. |                                                                                                                                                                                                                                                                                                                                                 |                               |                               |                               |                               |                               |                               |             |
| D.L.O                              |                          | S1 & S1A<br>EXT.(+)   INT.(-) | S2 & S2A<br>EXT.(+)   INT.(-) | S3 & S3A<br>EXT.(+)   INT.(-) | S4 & S4A<br>EXT.(+)   INT.(-) | S5 & S5A<br>EXT.(+)   INT.(-) | S6 & S6A<br>EXT.(+)   INT.(-) | D.L.O                              |                                                                                                                                                                                                                                                                                                                                                 | S1 & S1A<br>EXT.(+)   INT.(-) | S2 & S2A<br>EXT.(+)   INT.(-) | S3 & S3A<br>EXT.(+)   INT.(-) | S4 & S4A<br>EXT.(+)   INT.(-) | S5 & S5A<br>EXT.(+)   INT.(-) | S6 & S6A<br>EXT.(+)   INT.(-) |             |
| D.L.O                              | WIDTH OR<br>HEIGHT (IN.) |                               |                               |                               |                               |                               |                               | WIDTH OR<br>HEIGHT (IN.)           |                                                                                                                                                                                                                                                                                                                                                 |                               |                               |                               |                               |                               |                               |             |
| 126"                               | 24 "to 30"               | +120   -145                   | +120   -132                   | +120   -126                   | -                             | +120   -132                   | +120   -132                   | 150"                               | 24" to 42"                                                                                                                                                                                                                                                                                                                                      | +120   -120                   | +120   -132                   | +120   -126                   | -                             | +120   -132                   | +120   -132                   |             |
|                                    | 36" to 48"               | +120   -120                   | +120   -132                   | +120   -126                   | -                             | +120   -132                   | +120   -132                   |                                    | 42" to 58 1/2"                                                                                                                                                                                                                                                                                                                                  | -                             | +120   -132                   | +120   -126                   | -                             | +120   -132                   | +120   -132                   |             |
|                                    | 54"                      | +108   -108                   | +120   -132                   | +120   -126                   | -                             | +120   -132                   | +120   -132                   |                                    | 60"                                                                                                                                                                                                                                                                                                                                             | -                             | +120   -132                   | +120   -126                   | -                             | +117   -128                   | +120   -132                   |             |
|                                    | 58 1/2"                  | -                             | +120   -132                   | +120   -126                   | -                             | +120   -132                   | +120   -132                   |                                    | 66"                                                                                                                                                                                                                                                                                                                                             | -                             | +111   -123                   | +111   -117                   | -                             | +106   -117                   | +111   -123                   |             |
|                                    | 60"                      | -                             | +120   -132                   | +120   -126                   | -                             | +117   -128                   | +120   -132                   |                                    | 72"                                                                                                                                                                                                                                                                                                                                             | -                             | +102   -112                   | +102   -107                   | -                             | +97   -107                    | +102   -112                   |             |
|                                    | 66"                      | -                             | +111   -123                   | +111   -117                   | -                             | +106   -117                   | +111   -123                   |                                    | 78"                                                                                                                                                                                                                                                                                                                                             | -                             | +94   -104                    | +94   -99                     | -                             | +90   -99                     | +94   -104                    |             |
|                                    | 72"                      | -                             | +102   -112                   | +102   -107                   | -                             | +97   -107                    | +102   -112                   |                                    | 84"                                                                                                                                                                                                                                                                                                                                             | -                             | +87   -96                     | +87   -92                     | -                             | +83   -91                     | +87   -96                     |             |
|                                    | 78"                      | -                             | +94   -104                    | +94   -99                     | -                             | +90   -99                     | +94   -104                    |                                    | 90"                                                                                                                                                                                                                                                                                                                                             | -                             | +82   -90                     | +82   -86                     | -                             | +78   -85                     | +82   -90                     |             |
|                                    | 84"                      | -                             | +87   -96                     | +87   -92                     | -                             | +83   -91                     | +87   -96                     |                                    | 96"                                                                                                                                                                                                                                                                                                                                             | -                             | +76   -84                     | +76   -80                     | -                             | -                             | +76   -84                     |             |
|                                    | 90"                      | -                             | +82   -90                     | +82   -86                     | -                             | +78   -85                     | +82   -90                     |                                    | 156"                                                                                                                                                                                                                                                                                                                                            | 24" to 36"                    | +120   -120                   | +120   -132                   | +120   -126                   | -                             | +120   -132                   | +120   -132 |
|                                    | 96"                      | -                             | +76   -84                     | +76   -80                     | -                             | +73   -80                     | +76   -84                     |                                    |                                                                                                                                                                                                                                                                                                                                                 | 42" to 58 1/2"                | -                             | +120   -132                   | +120   -126                   | -                             | +120   -132                   | +120   -132 |
|                                    | 102"                     | -                             | +72   -79                     | +72   -75                     | -                             | +68   -75                     | +72   -79                     |                                    |                                                                                                                                                                                                                                                                                                                                                 | 60"                           | -                             | +120   -132                   | +120   -126                   | -                             | +117   -128                   | +120   -132 |
| 132"                               | 24" to 42"               | +120   -120                   | +120   -132                   | +120   -126                   | -                             | +120   -132                   | +120   -132                   | 66"                                |                                                                                                                                                                                                                                                                                                                                                 | -                             | +111   -123                   | +111   -117                   | -                             | +106   -117                   | +111   -123                   |             |
|                                    | 48"                      | +116   -116                   | +120   -132                   | +120   -126                   | -                             | +120   -132                   | +120   -132                   | 72"                                |                                                                                                                                                                                                                                                                                                                                                 | -                             | +102   -112                   | +102   -107                   | -                             | +97   -107                    | +102   -112                   |             |
|                                    | 54" to 58 1/2"           | -                             | +120   -132                   | +120   -126                   | -                             | +120   -132                   | +120   -132                   | 78"                                |                                                                                                                                                                                                                                                                                                                                                 | -                             | +94   -104                    | +94   -99                     | -                             | +90   -99                     | +94   -104                    |             |
|                                    | 60"                      | -                             | +120   -132                   | +120   -126                   | -                             | +117   -128                   | +120   -132                   | 84"                                |                                                                                                                                                                                                                                                                                                                                                 | -                             | +87   -96                     | +87   -92                     | -                             | +83   -91                     | +87   -96                     |             |
|                                    | 66"                      | -                             | +111   -123                   | +111   -117                   | -                             | +106   -117                   | +111   -123                   | 90"                                |                                                                                                                                                                                                                                                                                                                                                 | -                             | +82   -90                     | +82   -86                     | -                             | -                             | +82   -90                     |             |
|                                    | 72"                      | -                             | +102   -112                   | +102   -107                   | -                             | +97   -107                    | +102   -112                   | 168"                               |                                                                                                                                                                                                                                                                                                                                                 | 24" to 58 1/2"                | -                             | +120   -132                   | +120   -126                   | -                             | +120   -132                   | +120   -132 |
|                                    | 78"                      | -                             | +94   -104                    | +94   -99                     | -                             | +90   -99                     | +94   -104                    |                                    |                                                                                                                                                                                                                                                                                                                                                 | 60"                           | -                             | +120   -132                   | +120   -126                   | -                             | +117   -128                   | +120   -132 |
|                                    | 84"                      | -                             | +87   -96                     | +87   -92                     | -                             | +83   -91                     | +87   -96                     |                                    |                                                                                                                                                                                                                                                                                                                                                 | 66"                           | -                             | +111   -123                   | +111   -117                   | -                             | +106   -117                   | +111   -123 |
|                                    | 90"                      | -                             | +82   -90                     | +82   -86                     | -                             | +78   -85                     | +82   -90                     |                                    |                                                                                                                                                                                                                                                                                                                                                 | 72"                           | -                             | +102   -112                   | +102   -107                   | -                             | +97   -107                    | +102   -112 |
|                                    | 96"                      | -                             | +76   -84                     | +76   -80                     | -                             | +73   -80                     | +76   -84                     |                                    | 78"                                                                                                                                                                                                                                                                                                                                             | -                             | +94   -104                    | +94   -99                     | -                             | +90   -99                     | +94   -104                    |             |
|                                    | 102"                     | -                             | +72   -79                     | +72   -75                     | -                             | +68   -75                     | +72   -79                     |                                    | 84"                                                                                                                                                                                                                                                                                                                                             | -                             | +87   -96                     | +87   -92                     | -                             | -                             | +87   -96                     |             |
|                                    | 138"                     | 108"                          | -                             | +68   -75                     | +68   -71                     | -                             | -                             | +68   -75                          | 174" to 180"                                                                                                                                                                                                                                                                                                                                    | 24" to 58 1/2"                | -                             | +120   -132                   | +120   -126                   | -                             | +120   -132                   | +120   -132 |
| 24" to 42"                         |                          | +120   -120                   | +120   -132                   | +120   -126                   | -                             | +120   -132                   | +120   -132                   | 60"                                |                                                                                                                                                                                                                                                                                                                                                 | -                             | +120   -132                   | +120   -126                   | -                             | +117   -128                   | +120   -132                   |             |
| 48"                                |                          | +112   -112                   | +120   -132                   | +120   -126                   | -                             | +120   -132                   | +120   -132                   | 66"                                |                                                                                                                                                                                                                                                                                                                                                 | -                             | +111   -123                   | +111   -117                   | -                             | +106   -117                   | +111   -123                   |             |
| 54" to 58 1/2"                     |                          | -                             | +120   -132                   | +120   -126                   | -                             | +120   -132                   | +120   -132                   | 72"                                |                                                                                                                                                                                                                                                                                                                                                 | -                             | +102   -112                   | +102   -107                   | -                             | +97   -107                    | +102   -112                   |             |
| 60"                                |                          | -                             | +120   -132                   | +120   -126                   | -                             | +117   -128                   | +120   -132                   | 78"                                |                                                                                                                                                                                                                                                                                                                                                 | -                             | +94   -104                    | +94   -99                     | -                             | -                             | +94   -104                    |             |
| 66"                                |                          | -                             | +111   -123                   | +111   -117                   | -                             | +106   -117                   | +111   -123                   | 186" to 192"                       | 24" to 58 1/2"                                                                                                                                                                                                                                                                                                                                  | -                             | +120   -132                   | +120   -126                   | -                             | +120   -132                   | +120   -132                   |             |
| 72"                                |                          | -                             | +102   -112                   | +102   -107                   | -                             | +97   -107                    | +102   -112                   |                                    | 60"                                                                                                                                                                                                                                                                                                                                             | -                             | +120   -132                   | +120   -126                   | -                             | +117   -128                   | +120   -132                   |             |
| 78"                                |                          | -                             | +94   -104                    | +94   -99                     | -                             | +90   -99                     | +94   -104                    |                                    | 66"                                                                                                                                                                                                                                                                                                                                             | -                             | +111   -123                   | +111   -117                   | -                             | +106   -117                   | +111   -123                   |             |
| 84"                                |                          | -                             | +87   -96                     | +87   -92                     | -                             | +83   -91                     | +87   -96                     |                                    | 72"                                                                                                                                                                                                                                                                                                                                             | -                             | +102   -112                   | +102   -107                   | -                             | -                             | +102   -112                   |             |
| 90"                                |                          | -                             | +82   -90                     | +82   -86                     | -                             | +78   -85                     | +82   -90                     | 198" to 216"                       | 24" to 58 1/2"                                                                                                                                                                                                                                                                                                                                  | -                             | +120   -132                   | +120   -126                   | -                             | +120   -132                   | +120   -132                   |             |
| 96"                                |                          | -                             | +76   -84                     | +76   -80                     | -                             | +73   -80                     | +76   -84                     |                                    | 60"                                                                                                                                                                                                                                                                                                                                             | -                             | +120   -132                   | +120   -126                   | -                             | +117   -128                   | +120   -132                   |             |
| 144"                               |                          | 24" to 42"                    | +120   -120                   | +120   -132                   | +120   -126                   | -                             | +120   -132                   |                                    | +120   -132                                                                                                                                                                                                                                                                                                                                     | 66"                           | -                             | +111   -123                   | +111   -117                   | -                             | -                             | +111   -123 |
|                                    | 42" to 58 1/2"           | -                             | +120   -132                   | +120   -126                   | -                             | +120   -132                   | +120   -132                   | 222" to 233"                       | 24" to 58 1/2"                                                                                                                                                                                                                                                                                                                                  | -                             | +120   -132                   | +120   -126                   | -                             | +120   -132                   | +120   -132                   |             |
|                                    | 60"                      | -                             | +120   -132                   | +120   -126                   | -                             | +117   -128                   | +120   -132                   |                                    | 60"                                                                                                                                                                                                                                                                                                                                             | -                             | +120   -132                   | +120   -126                   | -                             | -                             | +120   -132                   |             |
|                                    | 66"                      | -                             | +111   -123                   | +111   -117                   | -                             | +106   -117                   | +111   -123                   |                                    | 240"                                                                                                                                                                                                                                                                                                                                            | 24" to 60"                    | -                             | +120   -132                   | +120   -126                   | -                             | -                             | +120   -132 |
|                                    | 72"                      | -                             | +102   -112                   | +102   -107                   | -                             | +97   -107                    | +102   -112                   | 246" to 252"                       | 24" to 42"                                                                                                                                                                                                                                                                                                                                      | -                             | +120   -132                   | +120   -126                   | -                             | -                             | +120   -132                   |             |
|                                    | 78"                      | -                             | +94   -104                    | +94   -99                     | -                             | +90   -99                     | +94   -104                    |                                    | 48" to 54"                                                                                                                                                                                                                                                                                                                                      | -                             | +120   -132                   | -                             | -                             | -                             | +120   -132                   |             |
|                                    | 84"                      | -                             | +87   -96                     | +87   -92                     | -                             | +83   -91                     | +87   -96                     |                                    | <div><div><div>D.L.O.<br/>HEIGHT</div><div>D.L.O.<br/>WIDTH</div><div>D.L.O.<br/>HEIGHT</div><div>D.L.O.<br/>HEIGHT</div></div><div><div>NOTE:</div><div>GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-09 (3 SEC. GUSTS).</div><div>NOTE:</div><div>ALL PRESSURES SHOWN ON THIS SHEET ARE ALLOWABLE PRESSURES (ASD).</div></div></div> |                               |                               |                               |                               |                               |                               |             |
|                                    | 90"                      | -                             | +82   -90                     | +82   -86                     | -                             | +78   -85                     | +82   -90                     |                                    |                                                                                                                                                                                                                                                                                                                                                 |                               |                               |                               |                               |                               |                               |             |
|                                    | 96"                      | -                             | +76   -84                     | +76   -80                     | -                             | -                             | +76   -84                     |                                    |                                                                                                                                                                                                                                                                                                                                                 |                               |                               |                               |                               |                               |                               |             |
|                                    |                          |                               |                               |                               |                               |                               |                               |                                    |                                                                                                                                                                                                                                                                                                                                                 |                               |                               |                               |                               |                               |                               |             |

D.L.O.  
HEIGHT

D.L.O.  
WIDTH

D.L.O.  
HEIGHT

D.L.O.  
HEIGHT

NOTE:

GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-09 (3 SEC. GUSTS).

NOTE:

ALL PRESSURES SHOWN ON THIS SHEET ARE ALLOWABLE PRESSURES (ASD).

JAVAD AHMAD PE, inc

7875 NW 12 Street, Suite 102  
Doral, FL 33126  
Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING  
ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

PRO-TECH 7SG ALUMINUM  
CURTAINWALL SYSTEM

CLIENT :

CRAWFORD TRACEY  
CORPORATION

3301 S.W. 13TH DR.,  
DEERFIELD BEACH, FL 33442  
(954) 698-6888

REVISION

| No.         | DATE       | BY | DESCRIPTION |
|-------------|------------|----|-------------|
|             |            |    |             |
|             |            |    |             |
| Date:       | 06-15-2026 |    |             |
| Scale:      | N/A        |    |             |
| Drawn by:   | DK         |    |             |
| Check by:   | PK         |    |             |
| Drawing no. | JA-1671-24 |    |             |

Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254

JAVAD AHMAD  
LICENSE  
No 70592  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER

SEALED: 06-17-2026

12

OF 45

| MULLION CAPACITY CHART, SINGLE SPANS     |          |              |         |             |         |                                          |         |               |         | FL#29520.2                                       |          |                                                                                                                                                                                                                                                                             |      |             |         |              |         |
|------------------------------------------|----------|--------------|---------|-------------|---------|------------------------------------------|---------|---------------|---------|--------------------------------------------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------|---------|--------------|---------|
| SINGLE SPANS MULLION LOAD CAPACITY - PSF |          |              |         |             |         | SINGLE SPANS MULLION LOAD CAPACITY - PSF |         |               |         |                                                  |          | <div><div></div><div>JAVAD AHMAD PE, inc</div><div>7875 NW 12 Street, Suite 102<br/>Doral, FL 33126<br/>Ph: (305) 424-8001<br/>support@ja-pe.com</div><div>CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING<br/>ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS</div></div> |      |             |         |              |         |
| NOMINAL DIMS.                            |          | UNREINFORCED |         | ALUM REINF. |         | STEEL REINF.                             |         | NOMINAL DIMS. |         | UNREINFORCED                                     |          |                                                                                                                                                                                                                                                                             |      | ALUM REINF. |         | STEEL REINF. |         |
| WIDTH (W)                                | SPAN (L) | EXT.(+)      | INT.(-) | EXT.(+)     | INT.(-) | EXT.(+)                                  | INT.(-) | EXT.(+)       | INT.(-) | WIDTH (W)                                        | SPAN (L) |                                                                                                                                                                                                                                                                             |      | EXT.(+)     | INT.(-) | EXT.(+)      | INT.(-) |
| 36"                                      | 102"     | 120          | -145    | 160         | -160    | 160                                      | -160    | 160           | -160    | 36"                                              | 132"     | 120                                                                                                                                                                                                                                                                         | -120 | 160         | -160    | 160          | -160    |
| 42"                                      |          | 120          | -145    | 160         | -160    | 160                                      | -160    | 160           | -160    | 42"                                              |          | 120                                                                                                                                                                                                                                                                         | -120 | 160         | -160    | 160          | -160    |
| 48"                                      |          | 120          | -141    | 160         | -160    | 160                                      | -160    | 160           | -160    | 48"                                              |          | 117                                                                                                                                                                                                                                                                         | -117 | 158         | -158    | 160          | -160    |
| 54"                                      |          | 120          | -128    | 160         | -160    | 160                                      | -160    | 160           | -160    | 54"                                              |          | 105                                                                                                                                                                                                                                                                         | -105 | 142         | -142    | 154          | -154    |
| 60"                                      |          | 120          | -120    | 160         | -160    | 160                                      | -160    | 160           | -160    | 60"                                              |          | 96                                                                                                                                                                                                                                                                          | -96  | 130         | -130    | 143          | -143    |
| 62"                                      |          | 120          | -120    | 160         | -160    | 160                                      | -160    | 160           | -160    | 62"                                              |          | 93                                                                                                                                                                                                                                                                          | -93  | 126         | -126    | 140          | -140    |
| 66"                                      |          | 120          | -120    | 160         | -160    | 160                                      | -160    | 160           | -160    | 66"                                              |          | 88                                                                                                                                                                                                                                                                          | -88  | 120         | -120    | 134          | -134    |
| 69"                                      |          | 120          | -120    | 160         | -160    | 160                                      | -160    | 160           | -160    | 69"                                              |          | 85                                                                                                                                                                                                                                                                          | -85  | 115         | -115    | 130          | -130    |
| 72"                                      |          | 120          | -120    | 160         | -160    | 160                                      | -160    | 160           | -160    | 72"                                              |          | 82                                                                                                                                                                                                                                                                          | -82  | 112         | -112    | 127          | -127    |
| 78"                                      |          | 120          | -120    | 160         | -160    | 160                                      | -160    | 160           | -160    | 36"                                              |          | 120                                                                                                                                                                                                                                                                         | -120 | 160         | -160    | 160          | -160    |
| 84"                                      |          | 120          | -120    | 160         | -160    | 160                                      | -160    | 160           | -160    | 42"                                              |          | 120                                                                                                                                                                                                                                                                         | -120 | 160         | -160    | 160          | -160    |
| 90"                                      |          | 120          | -120    | 160         | -160    | 160                                      | -160    | 160           | -160    | 48"                                              |          | 106                                                                                                                                                                                                                                                                         | -106 | 144         | -144    | 160          | -160    |
| 96"                                      | 120      | -120         | 160     | -160        | 160     | -160                                     | 160     | -160          | 54"     | 96                                               | -96      | 129                                                                                                                                                                                                                                                                         | -129 | 146         | -146    |              |         |
| 36"                                      | 108"     | 120          | -145    | 160         | -160    | 160                                      | -160    | 160           | -160    | 60"                                              | 87       | -87                                                                                                                                                                                                                                                                         | 118  | -118        | 135     | -135         |         |
| 42"                                      |          | 120          | -140    | 160         | -160    | 160                                      | -160    | 160           | -160    | 62"                                              | 85       | -85                                                                                                                                                                                                                                                                         | 115  | -115        | 132     | -132         |         |
| 48"                                      |          | 120          | -125    | 160         | -160    | 160                                      | -160    | 160           | -160    | 66"                                              | 80       | -80                                                                                                                                                                                                                                                                         | 109  | -109        | 126     | -126         |         |
| 54"                                      |          | 120          | -120    | 160         | -160    | 160                                      | -160    | 160           | -160    | 69"                                              | 78       | -78                                                                                                                                                                                                                                                                         | 105  | -105        | 122     | -122         |         |
| 60"                                      |          | 120          | -120    | 160         | -160    | 160                                      | -160    | 160           | -160    | 72"                                              | 75       | -75                                                                                                                                                                                                                                                                         | 101  | -101        | 119     | -119         |         |
| 62"                                      |          | 120          | -120    | 160         | -160    | 160                                      | -160    | 160           | -160    | 36"                                              | 120      | -120                                                                                                                                                                                                                                                                        | 160  | -160        | 160     | -160         |         |
| 66"                                      |          | 120          | -120    | 160         | -160    | 160                                      | -160    | 160           | -160    | 42"                                              | 109      | -109                                                                                                                                                                                                                                                                        | 143  | -143        | 160     | -160         |         |
| 69"                                      |          | 120          | -120    | 160         | -160    | 160                                      | -160    | 160           | -160    | 48"                                              | 96       | -96                                                                                                                                                                                                                                                                         | 126  | -126        | 152     | -152         |         |
| 72"                                      |          | 120          | -120    | 160         | -160    | 160                                      | -160    | 160           | -160    | 54"                                              | 87       | -87                                                                                                                                                                                                                                                                         | 114  | -114        | 139     | -139         |         |
| 78"                                      |          | 120          | -120    | 160         | -160    | 160                                      | -160    | 160           | -160    | 60"                                              | 80       | -80                                                                                                                                                                                                                                                                         | 104  | -104        | 128     | -128         |         |
| 84"                                      |          | 119          | -119    | 158         | -158    | 158                                      | -158    | 158           | -158    | 62"                                              | 77       | -77                                                                                                                                                                                                                                                                         | 101  | -101        | 125     | -125         |         |
| 90"                                      |          | 116          | -116    | 154         | -154    | 154                                      | -154    | 154           | -154    | 66"                                              | 73       | -73                                                                                                                                                                                                                                                                         | 96   | -96         | 119     | -119         |         |
| 36"                                      | 114"     | 120          | -144    | 160         | -160    | 160                                      | -160    | 160           | -160    | 36"                                              | -        |                                                                                                                                                                                                                                                                             | 146  | -146        | 160     | -160         |         |
| 42"                                      |          | 120          | -125    | 160         | -160    | 160                                      | -160    | 160           | -160    | 42"                                              | -        |                                                                                                                                                                                                                                                                             | 126  | -126        | 160     | -160         |         |
| 48"                                      |          | 120          | -120    | 160         | -160    | 160                                      | -160    | 160           | -160    | 48"                                              | -        |                                                                                                                                                                                                                                                                             | 111  | -111        | 145     | -145         |         |
| 54"                                      |          | 120          | -120    | 160         | -160    | 160                                      | -160    | 160           | -160    | 54"                                              | -        |                                                                                                                                                                                                                                                                             | 100  | -100        | 132     | -132         |         |
| 60"                                      |          | 120          | -120    | 160         | -160    | 160                                      | -160    | 160           | -160    | 60"                                              | -        |                                                                                                                                                                                                                                                                             | 91   | -91         | 122     | -122         |         |
| 62"                                      |          | 120          | -120    | 160         | -160    | 160                                      | -160    | 160           | -160    | 62"                                              | -        |                                                                                                                                                                                                                                                                             | 89   | -89         | 119     | -119         |         |
| 66"                                      |          | 120          | -120    | 160         | -160    | 160                                      | -160    | 160           | -160    | 66"                                              | -        |                                                                                                                                                                                                                                                                             | 84   | -84         | 113     | -113         |         |
| 69"                                      |          | 118          | -118    | 160         | -160    | 160                                      | -160    | 160           | -160    | 36"                                              | -        |                                                                                                                                                                                                                                                                             | 130  | -130        | 160     | -160         |         |
| 72"                                      |          | 115          | -115    | 156         | -156    | 156                                      | -156    | 156           | -156    | 42"                                              | -        |                                                                                                                                                                                                                                                                             | 112  | -112        | 154     | -154         |         |
| 78"                                      |          | 109          | -109    | 148         | -148    | 150                                      | -150    | 150           | -150    | 48"                                              | -        |                                                                                                                                                                                                                                                                             | 99   | -99         | 138     | -138         |         |
| 84"                                      |          | 104          | -104    | 141         | -141    | 145                                      | -145    | 145           | -145    | 54"                                              | -        |                                                                                                                                                                                                                                                                             | 89   | -89         | 126     | -126         |         |
| 36"                                      |          | 120"         | 120     | -130        | 160     | -160                                     | 160     | -160          | 160     | -160                                             | 60"      | -                                                                                                                                                                                                                                                                           |      | 81          | -81     | 116          | -116    |
| 42"                                      | 120      |              | -120    | 160         | -160    | 160                                      | -160    | 160           | -160    | 62"                                              | -        |                                                                                                                                                                                                                                                                             | 78   | -78         | 113     | -113         |         |
| 48"                                      | 120      |              | -120    | 160         | -160    | 160                                      | -160    | 160           | -160    | 36"                                              | -        |                                                                                                                                                                                                                                                                             | 115  | -115        | 160     | -160         |         |
| 54"                                      | 120      |              | -120    | 160         | -160    | 160                                      | -160    | 160           | -160    | 42"                                              | -        |                                                                                                                                                                                                                                                                             | 100  | -100        | 148     | -148         |         |
| 60"                                      | 118      |              | -118    | 160         | -160    | 160                                      | -160    | 160           | -160    | 48"                                              | -        |                                                                                                                                                                                                                                                                             | 88   | -88         | 132     | -132         |         |
| 62"                                      | 115      |              | -115    | 155         | -155    | 159                                      | -159    | 159           | -159    | 54"                                              | -        |                                                                                                                                                                                                                                                                             | 79   | -79         | 120     | -120         |         |
| 66"                                      | 109      |              | -109    | 148         | -148    | 152                                      | -152    | 152           | -152    | 60"                                              | -        |                                                                                                                                                                                                                                                                             | 72   | -72         | 110     | -110         |         |
| 69"                                      | 106      |              | -106    | 143         | -143    | 148                                      | -148    | 148           | -148    | 62"                                              | -        |                                                                                                                                                                                                                                                                             | 70   | -70         | 108     | -108         |         |
| 72"                                      | 102      |              | -102    | 138         | -138    | 145                                      | -145    | 145           | -145    | 36"                                              | -        |                                                                                                                                                                                                                                                                             | 103  | -103        | 160     | -160         |         |
| 78"                                      | 97       |              | -97     | 131         | -131    | 139                                      | -139    | 139           | -139    | 42"                                              | -        |                                                                                                                                                                                                                                                                             | 89   | -89         | 142     | -142         |         |
| 84"                                      | 92       |              | -92     | 125         | -125    | 134                                      | -134    | 134           | -134    | 48"                                              | -        |                                                                                                                                                                                                                                                                             | 78   | -78         | 127     | -127         |         |
| 36"                                      | 126"     |              | 120     | -120        | 160     | -160                                     | 160     | -160          | 160     | -160                                             | 54"      | -                                                                                                                                                                                                                                                                           |      | 70          | -70     | 115          | -115    |
| 42"                                      |          | 120          | -120    | 160         | -160    | 160                                      | -160    | 160           | -160    | 60"                                              | -        |                                                                                                                                                                                                                                                                             | 64   | -64         | 106     | -106         |         |
| 48"                                      |          | 120          | -120    | 160         | -160    | 160                                      | -160    | 160           | -160    | INTERPOLATION BETWEEN WIDTHS OR SPANS IS ALLOWED |          |                                                                                                                                                                                                                                                                             |      |             |         |              |         |
| 54"                                      |          | 116          | -116    | 157         | -157    | 160                                      | -160    |               |         |                                                  |          |                                                                                                                                                                                                                                                                             |      |             |         |              |         |
| 60"                                      |          | 106          | -106    | 143         | -143    | 152                                      | -152    |               |         |                                                  |          |                                                                                                                                                                                                                                                                             |      |             |         |              |         |
| 62"                                      |          | 103          | -103    | 140         | -140    | 149                                      | -149    |               |         |                                                  |          |                                                                                                                                                                                                                                                                             |      |             |         |              |         |
| 66"                                      |          | 98           | -98     | 133         | -133    | 143                                      | -143    |               |         |                                                  |          |                                                                                                                                                                                                                                                                             |      |             |         |              |         |
| 69"                                      |          | 95           | -95     | 128         | -128    | 139                                      | -139    |               |         |                                                  |          |                                                                                                                                                                                                                                                                             |      |             |         |              |         |
| 72"                                      |          | 92           | -92     | 124         | -124    | 135                                      | -135    |               |         |                                                  |          |                                                                                                                                                                                                                                                                             |      |             |         |              |         |
| 78"                                      |          | 86           | -86     | 117         | -117    | 129                                      | -129    |               |         |                                                  |          |                                                                                                                                                                                                                                                                             |      |             |         |              |         |

INTERMEDIATE VERTICAL

INTERMEDIATE VERTICAL

INTERMEDIATE HORIZONTAL

FRAME HEIGHT

FRAME HEIGHT

WIDTH (W) =  $\frac{W1 + W2}{2}$

ANCHOR

END REACTION =  $\frac{WL}{2} P_d$

SPAN = L

END REACTION =  $\frac{WL}{2} P_d$

ANCHOR

SINGLE SPAN

SINGLE SPAN WITHOUT CANTILEVER

ANCHOR

END REACTION =  $\frac{W}{2L} (L + a)^2 P_d$

a = 42 1/2" MAX.

FRAME HORIZONTAL

SPAN = L

END REACTION =  $\frac{W}{2L} (L^2 - a^2) P_d$

ANCHOR

SINGLE SPAN

SINGLE SPAN WITH CANTILEVER

|                                                                                                                                            |            |       |             |
|--------------------------------------------------------------------------------------------------------------------------------------------|------------|-------|-------------|
| PROJECT :                                                                                                                                  |            |       |             |
| PRO-TECH 7SG ALUMINUM CURTAINWALL SYSTEM                                                                                                   |            |       |             |
| CLIENT :                                                                                                                                   |            |       |             |
| CRAWFORD TRACEY CORPORATION                                                                                                                |            |       |             |
| 3301 S.W. 13TH DR.,<br>DEERFIELD BEACH, FL 33442<br>(954) 698-6888                                                                         |            |       |             |
| REVISION                                                                                                                                   |            |       |             |
| No.                                                                                                                                        | DATE       | BY    | DESCRIPTION |
|                                                                                                                                            |            |       |             |
|                                                                                                                                            |            |       |             |
| Date:                                                                                                                                      | 06-15-2026 |       |             |
| Scale:                                                                                                                                     | N/A        |       |             |
| Drawn by:                                                                                                                                  | DK         |       |             |
| Check by:                                                                                                                                  | PK         |       |             |
| Drawing no.                                                                                                                                | JA-1671-24 |       |             |
| Eng: JAVAD AHMAD, PE<br>CIVIL FLA. PE # 70592 - C.A.N.34254                                                                                |            |       |             |
| <div><div>JAVAD AHMAD<br/>LICENSE<br/>No 70592<br/>STATE OF<br/>FLORIDA<br/>PROFESSIONAL ENGINEER</div><div>SEALED: 06-17-2026</div></div> |            |       |             |
| 13                                                                                                                                         |            | OF 45 |             |

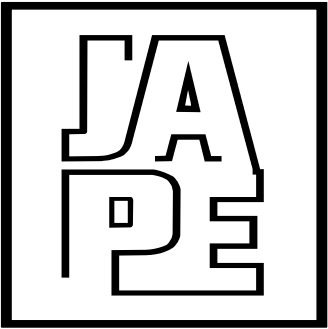
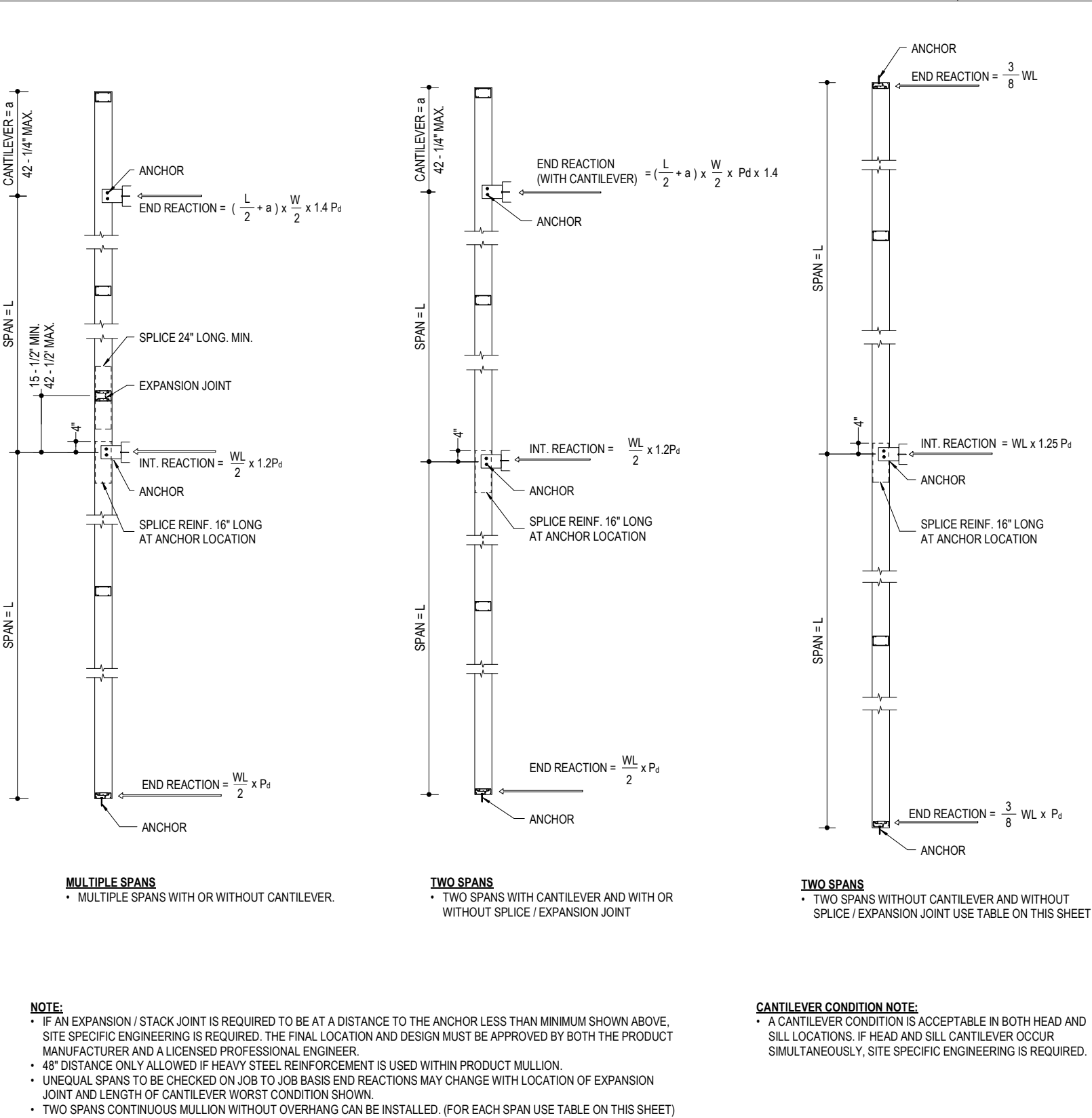
MULLION CAPACITY CHART, TWO AND MULTIPLE SPANS WITH OR W/O CANTILEVER

FL#29520.2

| TWIN AND MULTIPLE SPAN MULLION LOAD CAPACITY - PSF |          |                   |      |                   |      |
|----------------------------------------------------|----------|-------------------|------|-------------------|------|
| NOMINAL DIMS.                                      |          | UNREINFORCED      |      | ALUM REINF.       |      |
| WIDTH (W)                                          | SPAN (L) | EXT.(+)   INT.(-) |      | EXT.(+)   INT.(-) |      |
| 36"                                                | 120"     | 130               | -130 | 160               | -160 |
| 42" to 54"                                         |          | 120               | -120 | 160               | -160 |
| 60"                                                |          | 118               | -120 | 160               | -160 |
| 62"                                                |          | 115               | -120 | 155               | -155 |
| 66"                                                |          | 109               | -120 | 148               | -148 |
| 69"                                                |          | 106               | -120 | 143               | -143 |
| 72"                                                |          | 102               | -120 | 138               | -138 |
| 36" to 48"                                         | 126"     | 120               | -120 | 160               | -160 |
| 54"                                                |          | 120               | -120 | 157               | -157 |
| 60"                                                |          | 120               | -120 | 143               | -143 |
| 62"                                                |          | 120               | -120 | 140               | -140 |
| 66"                                                |          | 120               | -120 | 133               | -133 |
| 69"                                                |          | 120               | -120 | 128               | -128 |
| 72"                                                |          | 120               | -120 | 124               | -124 |
| 36" to 42"                                         | 132"     | 120               | -120 | 160               | -160 |
| 48"                                                |          | 120               | -120 | 158               | -158 |
| 54"                                                |          | 120               | -120 | 142               | -142 |
| 60"                                                |          | 120               | -120 | 130               | -130 |
| 62"                                                |          | 120               | -120 | 126               | -126 |
| 66" to 72"                                         |          | 120               | -120 | 120               | -120 |
| 36" to 42"                                         | 138"     | 120               | -120 | 160               | -160 |
| 48"                                                |          | 120               | -120 | 144               | -144 |
| 54"                                                |          | 120               | -120 | 129               | -129 |
| 60" to 72"                                         |          | 120               | -120 | 120               | -120 |
| 36"                                                | 144"     | 120               | -120 | 160               | -160 |
| 42"                                                |          | 120               | -120 | 143               | -143 |
| 48"                                                |          | 120               | -120 | 126               | -126 |
| 54" to 66"                                         |          | 120               | -120 | 120               | -120 |
| 69"                                                |          | 100               | -100 | 120               | -120 |
| 72"                                                |          | -                 | -    | 120               | -120 |
| 36"                                                | 150"     | 120               | -120 | 146               | -146 |
| 42"                                                |          | 120               | -120 | 126               | -126 |
| 48" to 62"                                         |          | 120               | -120 | 120               | -120 |
| 66"                                                |          | 114               | -114 | 120               | -120 |
| 69" to 72"                                         | 156"     | -                 | -    | 120               | -120 |
| 36"                                                |          | 120               | -120 | 130               | -130 |
| 42" to 54"                                         |          | 120               | -120 | 120               | -120 |
| 60"                                                |          | 111               | -111 | 120               | -120 |
| 66" to 72"                                         | 162"     | -                 | -    | 120               | -120 |
| 36"-48"                                            |          | 120               | -120 | 120               | -120 |
| 54"                                                |          | 110               | -110 | 120               | -120 |
| 60"                                                |          | 99                | -99  | 120               | -120 |
| 36" to 42"                                         | 168"     | 120               | -120 | 120               | -120 |
| 48"                                                |          | 110               | -110 | 120               | -120 |
| 54"                                                |          | 98                | -98  | 120               | -120 |
| 60                                                 |          | 88                | -88  | 117               | -117 |

| NOMINAL DIMS. |          | HEAVY REINF.      |        |
|---------------|----------|-------------------|--------|
| WIDTH (W)     | SPAN (L) | EXT.(+)   INT.(-) |        |
| 62"           | 168"     | 101.5             | -101.5 |
| 66"           |          | 101.5             | -101.5 |
| 69"           |          | 101.5             | -101.5 |
| 72"           |          | 101.5             | -101.5 |
| 78"           |          | 101.5             | -101.5 |
| 84"           |          | 101.5             | -101.5 |
| 90"           |          | 101.5             | -101.5 |
| 96            |          | 101.5             | -101.5 |

INTERPOLATION BETWEEN WIDTHS OR SPANS IS ALLOWED



JAVAD AHMAD PE, inc

7875 NW 12 Street, Suite 102  
Doral, FL 33126  
Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING  
ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

PRO-TECH 7SG ALUMINUM  
CURTAINWALL SYSTEM

CLIENT :

CRAWFORD TRACEY  
CORPORATION

3301 S.W. 13TH DR.,  
DEERFIELD BEACH, FL 33442  
(954) 698-6888

REVISION

| No. | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
|     |      |    |             |
|     |      |    |             |

Date: 06-15-2026

Scale: N/A

Drawn by: DK

Check by: PK

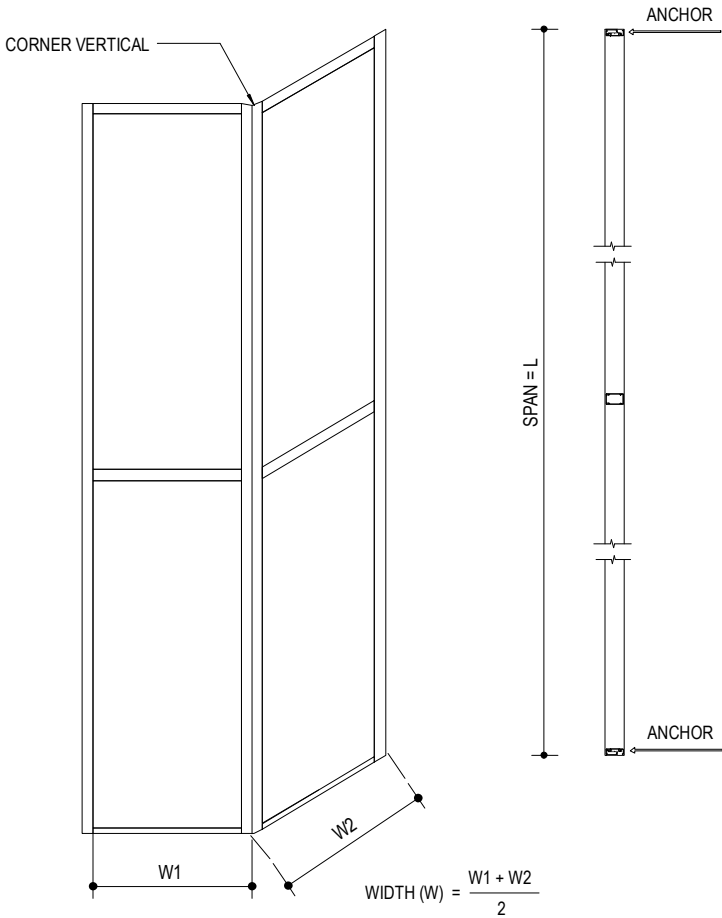
Drawing no. JA-1671-24

Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254

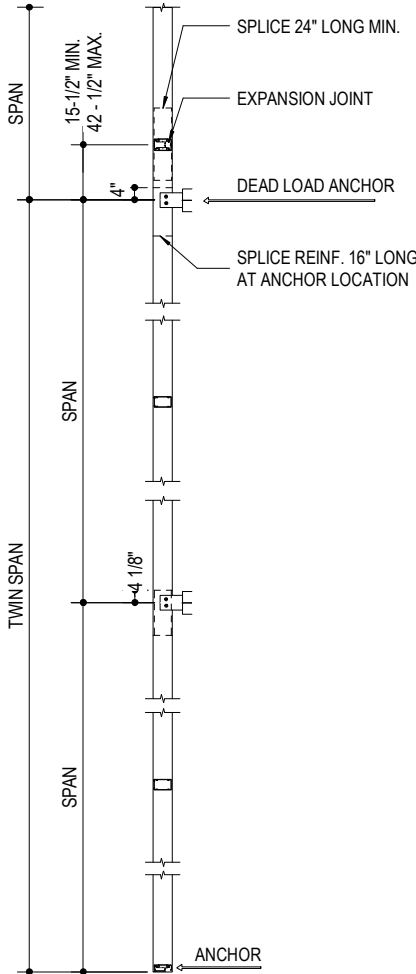
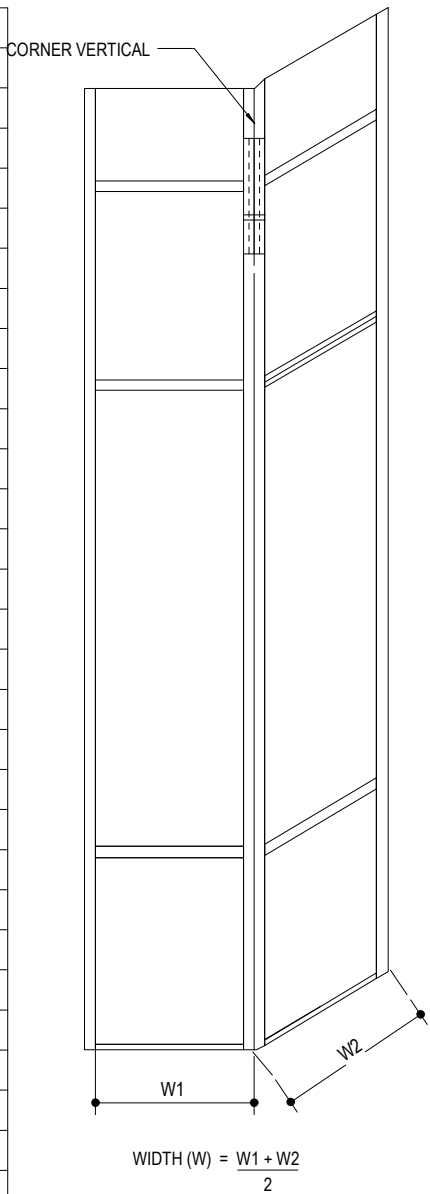


SEALED: 06-17-2026

CORNER MULLION  
SINGLE SPAN WITH OR WITHOUT HORIZONTAL

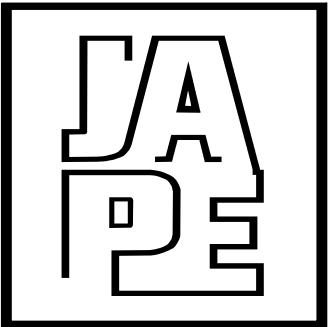


CORNER MULLION W/ALUM. REINF. AT ANCHOR LOCATION  
TWIN SPAN WITH OR WITHOUT HORIZONTAL



| CORNER MULLION LOAD CAPACITY - PSF |          |                   |
|------------------------------------|----------|-------------------|
| WIDTH (W)                          | SPAN (L) | W/O REINF.        |
|                                    |          | EXT.(+)   INT.(-) |
| 42"                                | 138"     | 120   -120        |
| 48"                                |          | 120   -120        |
| 54"                                |          | 120   -120        |
| 60"                                |          | 120   -120        |
| 66"                                |          | 120   -120        |
| 72"                                |          | 120   -120        |
| 42"                                | 144"     | 120   -120        |
| 48"                                |          | 120   -120        |
| 54"                                |          | 120   -120        |
| 60"                                |          | 120   -120        |
| 66"                                |          | 120   -120        |
| 72"                                |          | 120   -120        |
| 42"                                | 150"     | 120   -120        |
| 48"                                |          | 120   -120        |
| 54"                                |          | 120   -120        |
| 60"                                |          | 120   -120        |
| 66"                                |          | 120   -120        |
| 72"                                |          | 120   -120        |
| 42"                                | 156"     | 120   -120        |
| 48"                                |          | 120   -120        |
| 54"                                |          | 120   -120        |
| 60"                                |          | 120   -120        |
| 66"                                |          | 120   -120        |
| 72"                                |          | 120   -120        |
| 42"                                | 168"     | 120   -120        |
| 48"                                |          | 120   -120        |
| 54"                                |          | 120   -120        |
| 60"                                |          | 120   -120        |
| 66"                                |          | 120   -120        |
| 72"                                |          | 120   -120        |

| CORNER MULLION LOAD CAPACITY - PSF |          |              |         |              |         |
|------------------------------------|----------|--------------|---------|--------------|---------|
| WIDTH (W)                          | SPAN (L) | UNREINFORCED |         | ALUM. REINF. |         |
|                                    |          | EXT.(+)      | INT.(-) | EXT.(+)      | INT.(-) |
| 42"                                | 138"     | 120          | -120    | 120          | -120    |
| 48"                                |          | 120          | -120    | 120          | -120    |
| 54"                                |          | 120          | -120    | 120          | -120    |
| 60"                                |          | 120          | -120    | 120          | -120    |
| 66"                                |          | 120          | -120    | 120          | -120    |
| 72"                                |          | 117.1        | -117.1  | 120          | -120    |
| 42"                                | 144"     | 120          | -120    | 120          | -120    |
| 48"                                |          | 120          | -120    | 120          | -120    |
| 54"                                |          | 120          | -120    | 120          | -120    |
| 60"                                |          | 120          | -120    | 120          | -120    |
| 66"                                |          | 112.4        | -112.4  | 120          | -120    |
| 72"                                |          | 103          | -103    | 120          | -120    |
| 42"                                | 150"     | 120          | -120    | 120          | -120    |
| 48"                                |          | 120          | -120    | 120          | -120    |
| 54"                                |          | 120          | -120    | 120          | -120    |
| 60"                                |          | 109.4        | -109.4  | 120          | -120    |
| 66"                                |          | 99.4         | -99.4   | 120          | -120    |
| 72"                                |          | 91.2         | -91.2   | 115.4        | -115.4  |
| 42"                                | 156"     | 120          | -120    | 120          | -120    |
| 48"                                |          | 120          | -120    | 120          | -120    |
| 54"                                |          | 108          | -108    | 120          | -120    |
| 60"                                |          | 97.2         | -97.2   | 120          | -120    |
| 66"                                |          | 88.4         | -88.4   | 111.9        | -111.9  |
| 72"                                |          | 81           | -81     | 102.8        | -102.8  |



JAVAD AHMAD PE, inc

7875 NW 12 Street, Suite 102  
Doral, FL 33126  
Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING  
ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

PRO-TECH 7SG ALUMINUM  
CURTAINWALL SYSTEM

CLIENT :

CRAWFORD TRACEY  
CORPORATION

3301 S.W. 13TH DR.,  
DEERFIELD BEACH, FL 33442  
(954) 698-6888

REVISION

| No. | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
|     |      |    |             |
|     |      |    |             |

Date: 06-15-2026

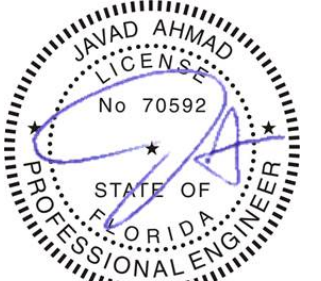
Scale: N/A

Drawn by: DK

Check by: PK

Drawing no. JA-1671-24

Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254

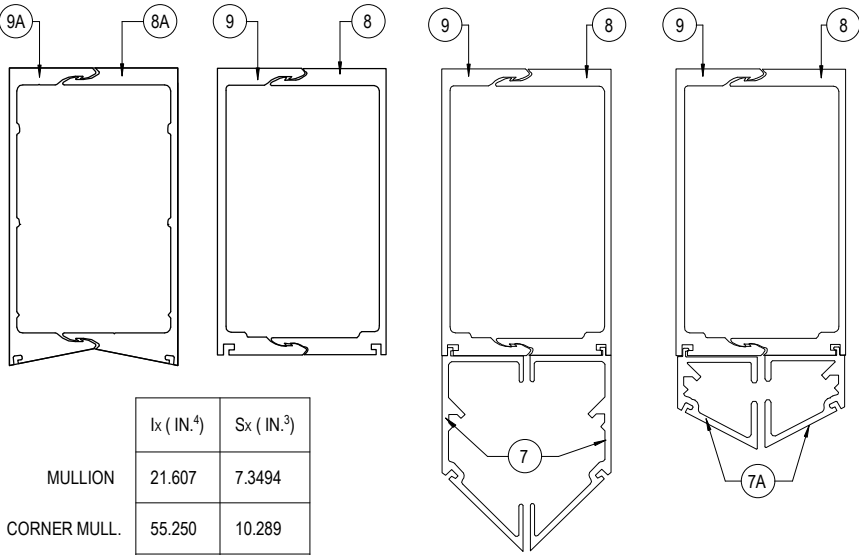


SEALED: 06-17-2026

MULLION OPTIONS

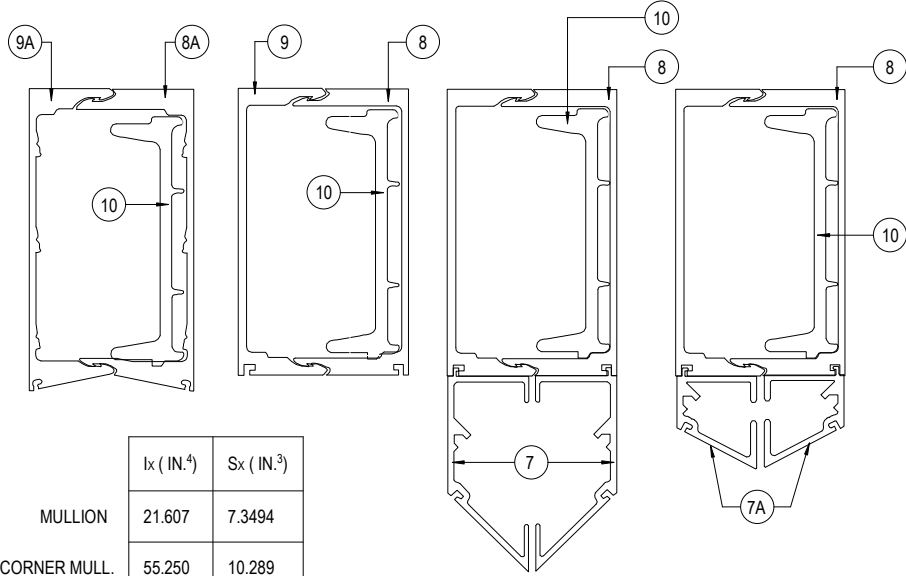
FL#29520.2

UNREINFORCED MULLION



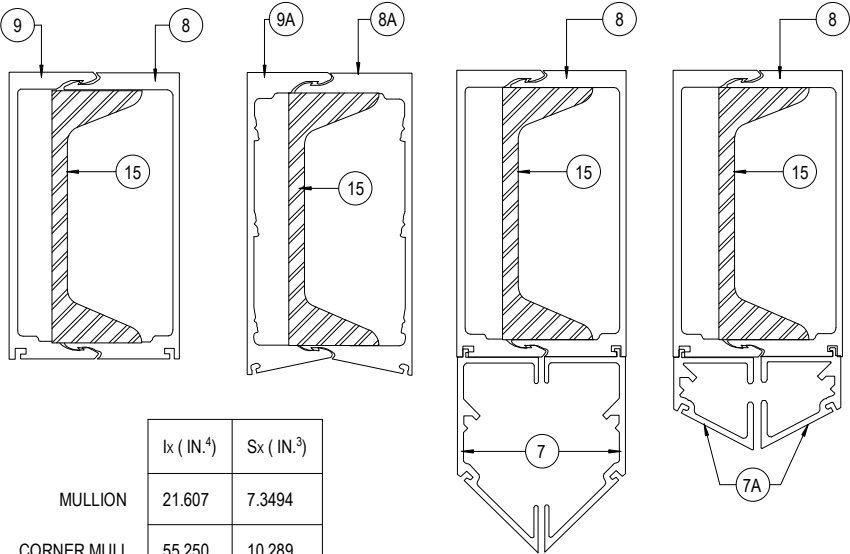
|              | $I_x$ (IN. <sup>4</sup> ) | $S_x$ (IN. <sup>3</sup> ) |
|--------------|---------------------------|---------------------------|
| MULLION      | 21.607                    | 7.3494                    |
| CORNER MULL. | 55.250                    | 10.289                    |
| ALUM. REINF. | -                         | -                         |
| STEEL REINF. | -                         | -                         |

ALUMINUM REINFORCED MULLION



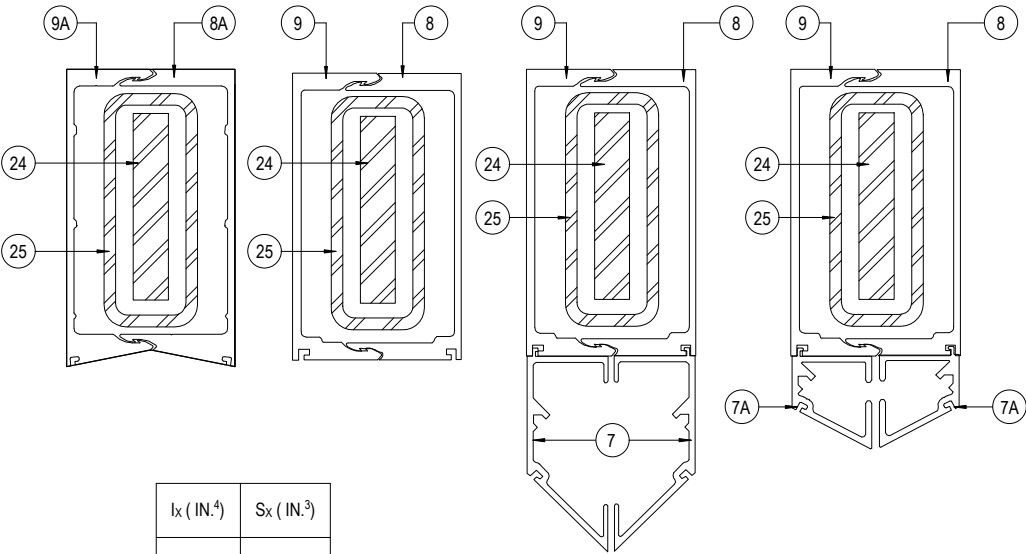
|              | $I_x$ (IN. <sup>4</sup> ) | $S_x$ (IN. <sup>3</sup> ) |
|--------------|---------------------------|---------------------------|
| MULLION      | 21.607                    | 7.3494                    |
| CORNER MULL. | 55.250                    | 10.289                    |
| ALUM. REINF. | 6.7038                    | 2.5949                    |
| STEEL REINF. | -                         | -                         |

STEEL REINFORCED MULLION



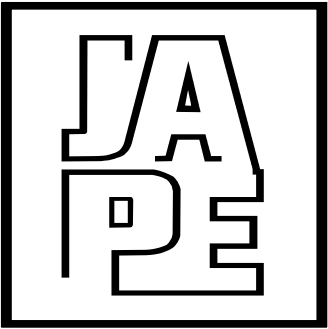
|              | $I_x$ (IN. <sup>4</sup> ) | $S_x$ (IN. <sup>3</sup> ) |
|--------------|---------------------------|---------------------------|
| MULLION      | 21.607                    | 7.3494                    |
| CORNER MULL. | 55.250                    | 10.289                    |
| ALUM. REINF. | -                         | -                         |
| STEEL REINF. | 10.900                    | 4.2614                    |

HEAVY STEEL REINFORCED MULLION



|              | $I_x$ (IN. <sup>4</sup> ) | $S_x$ (IN. <sup>3</sup> ) |
|--------------|---------------------------|---------------------------|
| MULLION      | 21.607                    | 7.3494                    |
| CORNER MULL. | 55.250                    | 10.289                    |
| ALUM. REINF. | -                         | -                         |
| STEEL REINF. | 12.475                    | 4.990                     |

- NOTE:**
- SIDE LOADED SYSTEMS MAY BE USED GIVEN THE SYSTEM IS DESIGNED AND APPROVED BY A PROFESSIONAL ENGINEER BASED ON SITE SPECIFIC CONDITIONS.
  - MULLION CAPACITIES ARE EQUAL WITH OR WITHOUT HORIZONTALS.
  - SLOPED SYSTEMS SHALL BE DESIGNED ON A SITE SPECIFIC BASIS WITH APPROVAL FROM LICENSED PROFESSIONAL ENGINEER, AND THE PRODUCT MANUFACTURER.
  - ALL PRESSURES SHOWN ON THIS SHEET ARE ALLOWABLE PRESSURES.



JAVAD AHMAD PE, inc

7875 NW 12 Street, Suite 102  
Doral, FL 33126

Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING  
ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

PRO-TECH 7SG ALUMINUM  
CURTAINWALL SYSTEM

CLIENT :

CRAWFORD TRACEY  
CORPORATION

3301 S.W. 13TH DR.,  
DEERFIELD BEACH, FL 33442  
(954) 698-6888

REVISION

| No. | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
|     |      |    |             |
|     |      |    |             |

Date: 06-15-2026

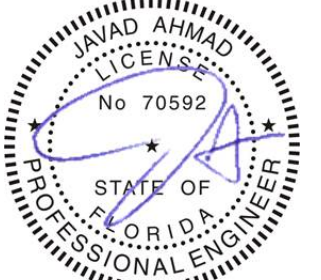
Scale: N/A

Drawn by: DK

Check by: PK

Drawing no. JA-1671-24

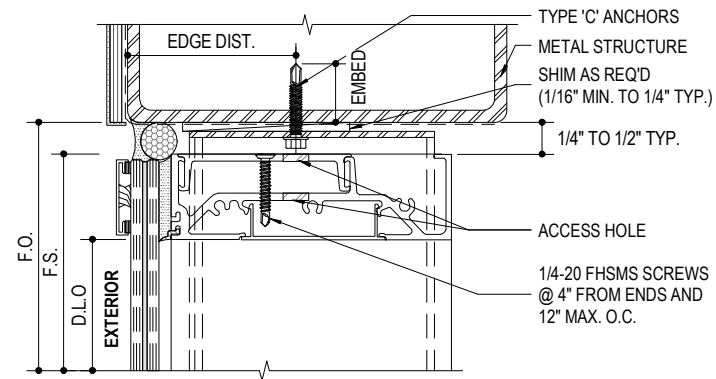
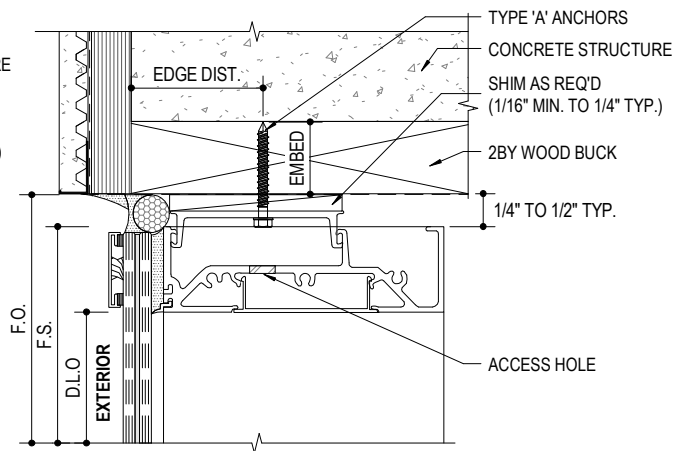
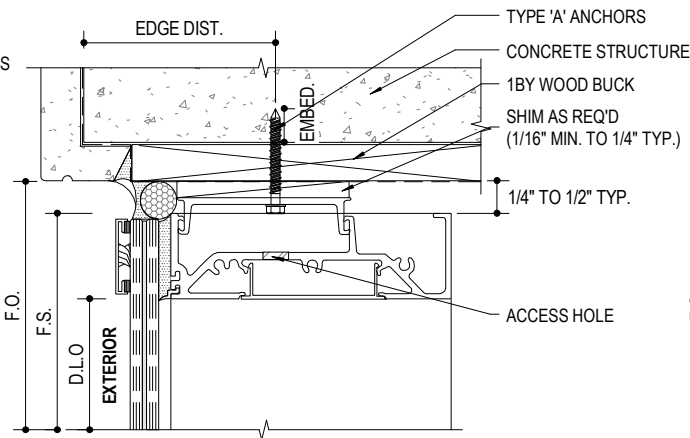
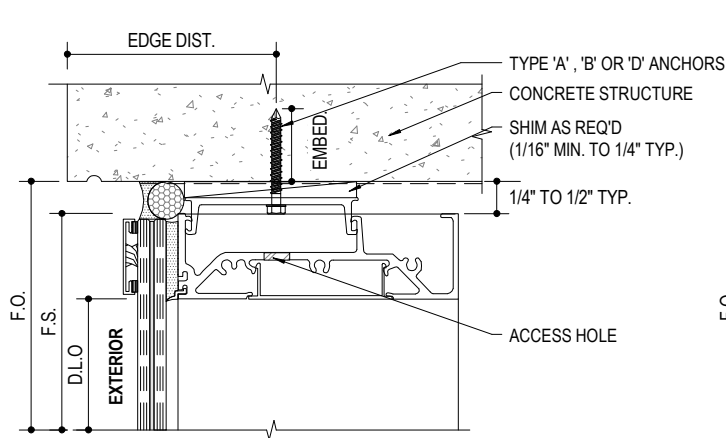
Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254



SEALED: 06-17-2026

ANCHOR DETAILS / DESCRIPTION

FL#29520.2



1 HEAD DETAIL INTO STRUCTURE

2 HEAD DETAIL THROUGH 1BY WOOD BUCK

3 HEAD DETAIL INTO 2BY WOOD BUCK

4 HEAD DETAIL W/ T ANCHOR OR L ANCHOR

TYPICAL ANCHOR TYPES:

TYPE 'A' 5/16" DIA ULTRACON BY DEWALT (Fu=177 KSI, Fv=155 KSI)

- DIRECTLY INTO CONCRETE (F'C = 3 KSI MIN.) WITH 1-3/8" EMBEDMENT
- INTO 2BY WOOD BUCKS OR WOOD STRUCTURES WITH 1-1/2" MIN PENETRATION INTO WOOD
- THRU 1BY WOOD BUCKS INTO CONCRETE OR BLOCKS WITH 1-1/4" MIN. EMBED INTO CONCRETE OR BLOCKS

ANCHOR EDGE DISTANCES

- INTO CONCRETE = 2-1/2" MIN.
- INTO BLOCKS = 3 1/8" MIN. INTO WOOD STRUCTURE
- INTO WOOD STRUCTURES = 1-1/4" MIN.

TYPE 'B' 1/4" DIA ULTRACON BY DEWALT (Fu=177 KSI, Fv=155 KSI)

- DIRECTLY INTO CONCRETE (F'C = 3 KSI MIN.) OR GROUT FILLED CMU BLOCKS (F'C = 1.5 KSI MIN.) WITH
- 1-1/4" MIN. EMBED INTO CONC. OR BLOCKS

ANCHOR EDGE DISTANCES

- INTO CONCRETE AND BLOCKS = 2-1/2" MIN.

TYPE 'C' 1/4" DIA. TEKS OR SELF DRILLING SCREWS (GRADE 5 CRS)

- INTO MIN. 1/8" THK. ALUMINUM / STEEL WITH (3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
- INTO MIN. 1/8" THK. APPROVED MULLIONS WITH (3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS

ANCHOR EDGE DISTANCES

- INTO METAL STRUCTURE = 3/4" MIN.

TYPE "D"- 3/8" DIA. POWERS WEDGE-BOLT ANCHOR

- WITH 3 MIN. EMBED INTO CONCRETE

ANCHOR EDGE DISTANCES

- INTO CONCRETE = 2-1/4" OR 3-1/4" MIN.

NOTES:

THE WOOD BUCKS, CONCRETE AND METAL STRUCTURE SHOWN ON THIS SHEET SHALL BE DESIGNED BY OTHERS AND ARE NOT PART OF THIS APPROVAL. THEY MUST BE CAPABLE OF WITHSTANDING THE LOADS IMPOSED BY THE GLAZING SYSTEM AND TRANSFERRING THEM TO THE BUILDING STRUCTURE.

ANCHOR / SUBSTRATE ANCHOR / SUBSTRATE NOTES:

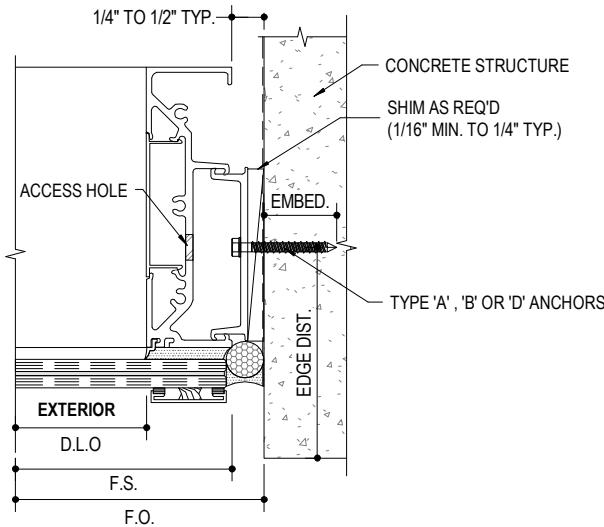
- WOOD MUST BE MIN. SOUTHERN YELLOW PINE #1 (SG=0.55 MIN.)
- CONCRETE MUST BE MIN. f'c= 3000 PSI
- C-90 HOLLOW/GROUT FILLED MASONRY UNITS MUST BE MIN. f'm= 2000 PSI
- STEEL MUST BE MIN. 1/8" THK., MIN. A36 GRADE
- ALUMINUM MUST BE MIN. 1/8" THK., MIN. 6063-T5 GRADE
- STEEL IN CONTACT WITH ALUMINUM TO BE PAINTED / PLATED

SUBSTRATE NOTE:

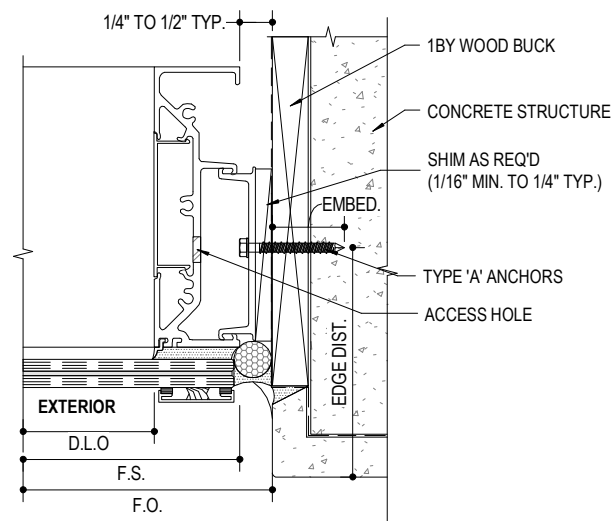
THE WOOD BUCKS, CONCRETE, AND METAL STRUCTURE SHOWN ON THIS SHEET SHALL BE DESIGNED BY OTHERS AND ARE NOT PART OF THIS APPROVAL. THEY MUST BE CAPABLE OF WITHSTANDING THE LOADS IMPOSED BY THE GLAZING SYSTEM AND TRANSFERRING THEM TO THE BUILDING STRUCTURE.

GREATER SHIM SIZES:

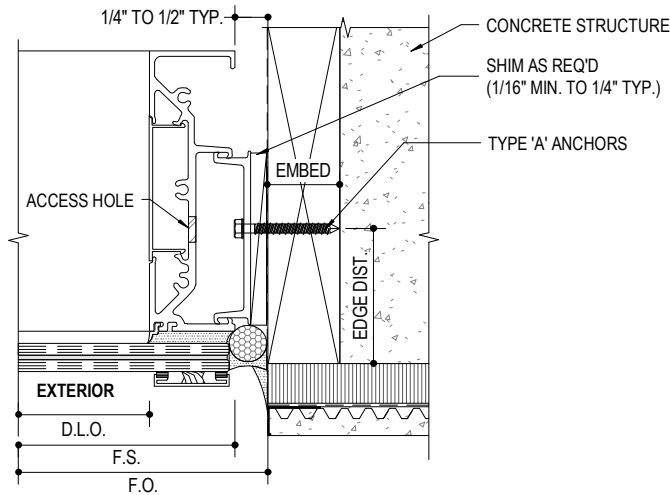
SHIM SIZES GREATER THAN THE ONES SHOWN IN THE DETAILS ARE PERMITTED UNDER SITE SPECIFIC CONDITIONS WHEN APPROVED BY A LICENSED PROFESSIONAL ENGINEER.



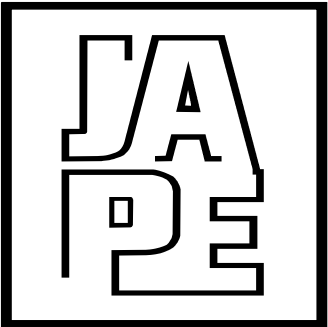
5 JAMB DETAIL INTO STRUCTURE



6 JAMB DETAIL THROUGH 1BY WOOD BUCK



7 JAMB DETAIL INTO 2BY WOOD BUCK



JAVAD AHMAD PE, inc

7875 NW 12 Street, Suite 102  
Doral, FL 33126  
Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING  
ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

PRO-TECH 7SG ALUMINUM  
CURTAINWALL SYSTEM

CLIENT :

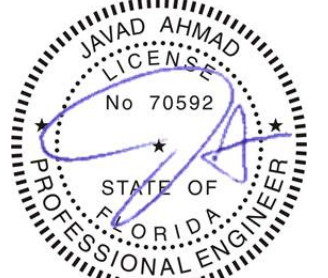
CRAWFORD TRACEY  
CORPORATION

3301 S.W. 13TH DR.,  
DEERFIELD BEACH, FL 33442  
(954) 698-6888

REVISION

| No.         | DATE       | BY | DESCRIPTION |
|-------------|------------|----|-------------|
|             |            |    |             |
|             |            |    |             |
|             |            |    |             |
| Date:       | 06-15-2026 |    |             |
| Scale:      | N/A        |    |             |
| Drawn by:   | DK         |    |             |
| Check by:   | PK         |    |             |
| Drawing no. | JA-1671-24 |    |             |

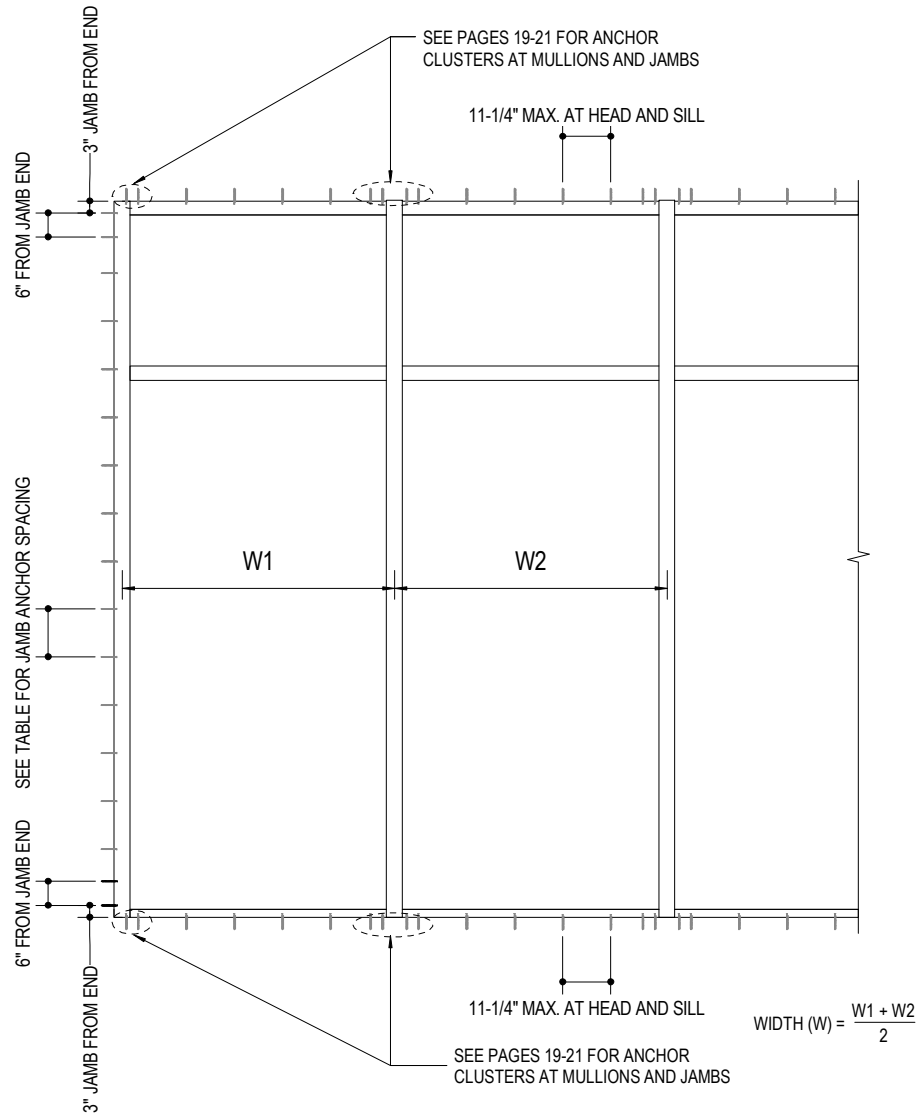
Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254



SEALED: 06-17-2026

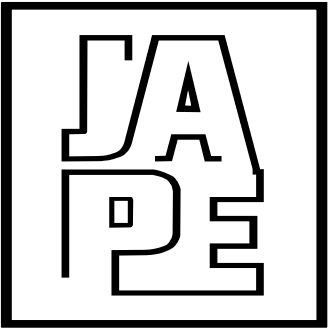
JAMB ANCHORS CAPACITY CHARTS

FL#29520.2



| LARGE MISSILE IMPACT (LMI)                                 |                     |          |                    |
|------------------------------------------------------------|---------------------|----------|--------------------|
| JAMB ANCHORS DESIGN LOAD CAPACITY - PSF (EXT. (+) INT.(-)) |                     |          |                    |
| WIDTH (W)                                                  | ANCHORS AT 12" O.C. |          | ANCHORS AT 8" O.C. |
|                                                            | TYPE 'A'&'B'        | TYPE 'C' | TYPE 'A' 'B'&'C'   |
| 54"                                                        | 129.3               | 145.0    | 145.0              |
| 60"                                                        | 116.4               | 145.0    | 145.0              |
| 66"                                                        | 105.8               | 145.0    | 145.0              |
| 72"                                                        | 97.0                | 145.0    | 145.0              |
| 78"                                                        | 89.5                | 100.0    | 100.0              |
| 84"                                                        | 83.1                | 100.0    | 100.0              |
| 96"                                                        | 72.8                | 100.0    | 100.0              |
| 104"                                                       | 67.2                | 100.0    | 100.0              |
| 108"                                                       | 64.7                | 100.0    | 97.0               |
| 120"                                                       | 58.2                | 91.6     | 87.3               |
| 126"                                                       | 55.4                | 87.2     | 83.1               |

| SMALL MISSILE IMPACT (SMI)                                 |                     |          |                    |
|------------------------------------------------------------|---------------------|----------|--------------------|
| JAMB ANCHORS DESIGN LOAD CAPACITY - PSF (EXT. (+) INT.(-)) |                     |          |                    |
| WIDTH (W)                                                  | ANCHORS AT 12" O.C. |          | ANCHORS AT 8" O.C. |
|                                                            | TYPE 'A'&'B'        | TYPE 'C' | TYPE 'A' 'B'&'C'   |
| 54"                                                        | 129.3               | 160.0    | 160.0              |
| 57"                                                        | 122.5               | 160.0    | 160.0              |
| 60"                                                        | 116.4               | 160.0    | 160.0              |
| 63"                                                        | 110.9               | 160.0    | 160.0              |
| 66"                                                        | 105.8               | 160.0    | 158.7              |
| 69"                                                        | 101.2               | 159.3    | 151.8              |
| 72"                                                        | 97.0                | 152.7    | 145.5              |
| 75"                                                        | 93.1                | 146.6    | 139.7              |
| 78"                                                        | 89.5                | 140.9    | 134.3              |



JAVAD AHMAD PE, inc

7875 NW 12 Street, Suite 102  
Doral, FL 33126  
Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING  
ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

PRO-TECH 7SG ALUMINUM  
CURTAINWALL SYSTEM

CLIENT :

CRAWFORD TRACEY  
CORPORATION

3301 S.W. 13TH DR.,  
DEERFIELD BEACH, FL 33442  
(954) 698-6888

REVISION

| No. | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
|     |      |    |             |
|     |      |    |             |

Date: 06-15-2026

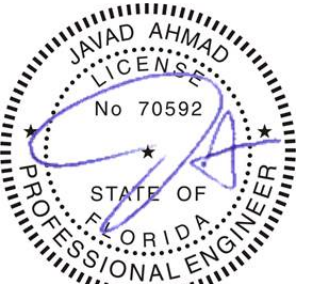
Scale: N/A

Drawn by: DK

Check by: PK

Drawing no. JA-1671-24

Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254



SEALED: 06-17-2026

| ANCHOR TYPE 'A' & TYPE 'B' CAPACITY CHARTS    |              |                 |       |       |       |                 |       |       |       | FL#29520.2                 |              |                  |       |       |       |                  |       |       |       |                                                |              |                  |       |       |       |                  |       |       |       |
|-----------------------------------------------|--------------|-----------------|-------|-------|-------|-----------------|-------|-------|-------|----------------------------|--------------|------------------|-------|-------|-------|------------------|-------|-------|-------|------------------------------------------------|--------------|------------------|-------|-------|-------|------------------|-------|-------|-------|
| ANCHOR LOAD CAPACITY - PSF EXT.(+) & INT. (-) |              |                 |       |       |       |                 |       |       |       | ANCHOR LOAD CAPACITY - PSF |              |                  |       |       |       |                  |       |       |       | ANCHOR LOAD CAPACITY - PSF (EXT.(+) & INT.(-)) |              |                  |       |       |       |                  |       |       |       |
| NOMINAL DIMS.                                 |              | ANCHOR TYPE 'A' |       |       |       | ANCHOR TYPE 'B' |       |       |       | NOMINAL DIMS.              |              | ANCHORS TYPE 'A' |       |       |       | ANCHORS TYPE 'B' |       |       |       | NOMINAL DIMS.                                  |              | ANCHORS TYPE 'A' |       |       |       | ANCHORS TYPE 'B' |       |       |       |
| WIDTH (W)                                     | FRAME HEIGHT | A2              | A3    | A4    | A5    | B2              | B3    | B4    | B5    | WIDTH (W)                  | FRAME HEIGHT | A2               | A3    | A4    | A5    | B2               | B3    | B4    | B5    | WIDTH (W)                                      | FRAME HEIGHT | A2               | A3    | A4    | A5    | B2               | B3    | B4    | B5    |
| 48"                                           | 72           | 113.0           | 160.0 | 160.0 | 150.0 | 120.0           | 160.0 | 160.0 | 160.0 | 36"                        | 138"         | 78.6             | 117.9 | 120.0 | 120.0 | 83.5             | 120.0 | 120.0 | 120.0 | 36"                                            | 162"         | 67.0             | 100.4 | 120.0 | 120.0 | 71.1             | 106.7 | 120.0 | 120.0 |
| 54"                                           |              | 100.4           | 150.7 | 160.0 | 160.0 | 106.7           | 160.0 | 160.0 | 160.0 | 39"                        |              | 72.6             | 108.8 | 120.0 | 120.0 | 77.1             | 115.6 | 120.0 | 120.0 | 39"                                            |              | 61.8             | 92.7  | 120.0 | 120.0 | 65.6             | 98.5  | 120.0 | 120.0 |
| 60"                                           |              | 90.4            | 135.6 | 160.0 | 160.0 | 96.0            | 144.0 | 160.0 | 160.0 | 42"                        |              | 67.4             | 101.1 | 120.0 | 120.0 | 71.6             | 107.3 | 120.0 | 120.0 | 42"                                            |              | 57.4             | 86.1  | 114.8 | 120.0 | 61.0             | 91.4  | 120.0 | 120.0 |
| 66"                                           |              | 82.2            | 123.3 | 160.0 | 160.0 | 87.3            | 130.9 | 160.0 | 160.0 | 45"                        |              | 62.9             | 94.3  | 120.0 | 120.0 | 66.8             | 100.2 | 120.0 | 120.0 | 45"                                            |              | 53.6             | 80.4  | 107.1 | 120.0 | 56.9             | 85.3  | 113.8 | 120.0 |
| 69"                                           |              | 78.6            | 117.9 | 157.2 | 160.0 | 83.5            | 125.2 | 160.0 | 160.0 | 48"                        |              | 59.0             | 88.4  | 117.9 | 120.0 | 62.6             | 93.9  | 120.0 | 120.0 | 48"                                            |              | 50.2             | 75.3  | 100.4 | 120.0 | 53.3             | 80.0  | 106.7 | 120.0 |
| 36"                                           | 96           | 113.0           | 160.0 | 160.0 | 160.0 | 120.0           | 160.0 | 160.0 | 160.0 | 51"                        | 138"         | 55.5             | 83.2  | 111.0 | 120.0 | 58.9             | 88.4  | 117.9 | 120.0 | 51"                                            | 168"         | 47.3             | 70.9  | 94.5  | 118.2 | 50.2             | 75.3  | 100.4 | 120.0 |
| 42"                                           |              | 96.9            | 145.3 | 160.0 | 160.0 | 102.9           | 154.3 | 160.0 | 160.0 | 54"                        |              | 52.4             | 78.6  | 104.8 | 120.0 | 55.7             | 83.5  | 111.3 | 120.0 | 54"                                            |              | 44.6             | 67.0  | 89.3  | 111.6 | 47.4             | 71.1  | 94.8  | 118.5 |
| 48"                                           |              | 84.8            | 127.1 | 160.0 | 160.0 | 90.0            | 135.0 | 160.0 | 160.0 | 57"                        |              | 49.6             | 74.5  | 99.3  | 120.0 | 52.7             | 79.1  | 105.4 | 120.0 | 57"                                            |              | 42.3             | 63.4  | 84.6  | 105.7 | 44.9             | 67.4  | 89.8  | 112.3 |
| 54"                                           |              | 75.3            | 113.0 | 150.7 | 160.0 | 80.0            | 120.0 | 160.0 | 160.0 | 60"                        |              | 47.2             | 70.7  | 94.3  | 117.9 | 50.1             | 75.1  | 100.2 | 120.0 | 60"                                            |              | 40.2             | 60.3  | 80.4  | 100.4 | 42.7             | 64.0  | 85.3  | 106.7 |
| 60"                                           |              | 67.8            | 101.7 | 135.6 | 160.0 | 72.0            | 108.0 | 144.0 | 160.0 | 63"                        | 144"         | 44.9             | 67.4  | 89.8  | 112.3 | 47.7             | 71.6  | 95.4  | 119.3 | 36"                                            |              | 64.6             | 96.9  | 120.0 | 120.0 | 68.6             | 102.9 | 120.0 | 120.0 |
| 66"                                           | 61.6         | 92.5            | 123.3 | 154.1 | 65.5  | 98.2            | 130.9 | 160.0 | 66"   | 42.9                       |              | 64.3             | 85.8  | 107.2 | 45.5  | 68.3             | 91.1  | 113.8 | 39"   | 59.6                                           | 89.4         | 119.2            | 120.0 | 63.3  | 94.9  | 120.0            | 120.0 |       |       |
| 69"                                           | 59.0         | 88.4            | 117.9 | 147.4 | 62.6  | 93.9            | 125.2 | 156.5 | 69"   | 41.0                       |              | 61.5             | 82.0  | 102.5 | 43.6  | 65.3             | 87.1  | 108.9 | 42"   | 55.3                                           | 83.0         | 110.7            | 120.0 | 58.8  | 88.2  | 117.6            | 120.0 |       |       |
| 36"                                           | 120          | 90.4            | 135.6 | 160.0 | 160.0 | 96.0            | 144.0 | 160.0 | 160.0 | 72"                        |              | 39.3             | 59.0  | 78.6  | 98.3  | 41.7             | 62.6  | 83.5  | 104.3 | 45"                                            | 51.7         | 77.5             | 103.3 | 120.0 | 54.9  | 82.3             | 109.7 | 120.0 |       |
| 39"                                           |              | 83.4            | 125.2 | 160.0 | 160.0 | 88.6            | 132.9 | 160.0 | 160.0 | 36"                        | 144"         | 75.3             | 113.0 | 120.0 | 120.0 | 80.0             | 120.0 | 120.0 | 120.0 | 48"                                            | 48.4         | 72.6             | 96.9  | 120.0 | 51.4  | 77.1             | 102.9 | 120.0 |       |
| 42"                                           |              | 77.5            | 116.2 | 155.0 | 160.0 | 82.3            | 123.4 | 160.0 | 160.0 | 39"                        |              | 69.5             | 104.3 | 120.0 | 120.0 | 73.8             | 110.8 | 120.0 | 120.0 | 51"                                            | 45.6         | 68.4             | 91.2  | 113.9 | 48.4  | 72.6             | 96.8  | 120.0 |       |
| 45"                                           |              | 72.3            | 108.5 | 144.6 | 160.0 | 75.8            | 115.2 | 153.6 | 160.0 | 42"                        |              | 64.5             | 96.9  | 120.0 | 120.0 | 68.6             | 102.9 | 120.0 | 120.0 | 54"                                            | 43.0         | 64.6             | 86.1  | 107.6 | 45.7  | 68.6             | 91.4  | 114.3 |       |
| 48"                                           |              | 67.8            | 101.7 | 135.6 | 160.0 | 72.0            | 108.0 | 144.0 | 160.0 | 45"                        |              | 60.3             | 90.4  | 120.0 | 120.0 | 64.0             | 96.0  | 120.0 | 120.0 | 57"                                            | 40.8         | 61.2             | 81.6  | 102.0 | 43.3  | 65.0             | 86.6  | 108.3 |       |
| 51"                                           | 63.8         | 95.7            | 127.6 | 159.5 | 67.8  | 101.6           | 135.5 | 160.0 | 48"   | 56.5                       |              | 84.8             | 113.0 | 120.0 | 60.0  | 90.0             | 120.0 | 120.0 | 60"   | 38.7                                           | 58.1         | 77.5             | 96.9  | 41.1  | 61.7  | 82.3             | 102.9 |       |       |
| 54"                                           | 126          | 60.3            | 90.4  | 120.5 | 150.7 | 64.0            | 96.0  | 128.0 | 160.0 | 51*                        | 144"         | 53.2             | 79.8  | 106.4 | 120.0 | 56.5             | 84.7  | 112.9 | 120.0 |                                                |              |                  |       |       |       |                  |       |       |       |
| 57"                                           |              | 57.1            | 85.6  | 114.2 | 142.7 | 60.6            | 90.9  | 121.3 | 151.6 | 54"                        |              | 50.2             | 75.3  | 100.4 | 120.0 | 53.3             | 80.0  | 106.7 | 120.0 |                                                |              |                  |       |       |       |                  |       |       |       |
| 60"                                           |              | 54.2            | 81.4  | 108.5 | 135.6 | 57.6            | 86.4  | 115.2 | 144.0 | 57"                        |              | 47.6             | 71.4  | 95.2  | 118.9 | 50.5             | 75.8  | 101.1 | 120.0 |                                                |              |                  |       |       |       |                  |       |       |       |
| 63"                                           |              | 51.7            | 77.5  | 103.3 | 120.0 | 54.9            | 82.3  | 109.7 | 120.0 | 60"                        |              | 45.2             | 67.8  | 90.4  | 113.0 | 48.0             | 72.0  | 96.0  | 120.0 |                                                |              |                  |       |       |       |                  |       |       |       |
| 66"                                           |              | 126             | 49.3  | 74.0  | 98.6  | 120.0           | 52.4  | 78.5  | 104.7 | 120.0                      | 63"          | 144"             | 43.0  | 64.6  | 86.1  | 107.6            | 45.7  | 68.6  | 91.4  | 114.3                                          |              |                  |       |       |       |                  |       |       |       |
| 69"                                           | 47.2         |                 | 70.7  | 94.3  | 117.9 | 50.1            | 75.1  | 100.2 | 120.0 | 66"                        | 41.1         |                  | 61.6  | 82.2  | 102.7 | 43.6             | 65.5  | 87.3  | 109.1 |                                                |              |                  |       |       |       |                  |       |       |       |
| 72"                                           | 45.2         |                 | 67.8  | 90.4  | 113.0 | 48.0            | 72.0  | 96.0  | 120.0 | 69"                        | 39.3         |                  | 59.0  | 78.6  | 98.3  | 41.7             | 62.6  | 83.5  | 104.3 |                                                |              |                  |       |       |       |                  |       |       |       |
| 36"                                           | 86.1         |                 | 120.0 | 120.0 | 120.0 | 91.4            | 120.0 | 120.0 | 120.0 | 36"                        | 150"         |                  | 72.3  | 108.5 | 120.0 | 120.0            | 76.8  | 115.2 | 120.0 | 120.0                                          |              |                  |       |       |       |                  |       |       |       |
| 39"                                           | 79.5         |                 | 119.2 | 120.0 | 120.0 | 84.4            | 120.0 | 120.0 | 120.0 | 39"                        |              | 66.8             | 100.1 | 120.0 | 120.0 | 70.9             | 106.3 | 120.0 | 120.0 |                                                |              |                  |       |       |       |                  |       |       |       |
| 42"                                           | 73.8         | 110.7           | 120.0 | 120.0 | 78.4  | 117.6           | 120.0 | 120.0 | 42"   | 62.0                       |              | 93.0             | 120.0 | 120.0 | 65.8  | 98.7             | 120.0 | 120.0 |       |                                                |              |                  |       |       |       |                  |       |       |       |
| 45"                                           | 68.9         | 103.3           | 120.0 | 120.0 | 73.1  | 109.7           | 120.0 | 120.0 | 45"   | 57.9                       |              | 86.8             | 115.7 | 120.0 | 61.4  | 92.2             | 120.0 | 120.0 |       |                                                |              |                  |       |       |       |                  |       |       |       |
| 48"                                           | 64.6         | 96.9            | 120.0 | 120.0 | 68.6  | 102.9           | 120.0 | 120.0 | 48"   | 54.2                       |              | 81.4             | 108.5 | 120.0 | 57.6  | 86.4             | 115.2 | 120.0 |       |                                                |              |                  |       |       |       |                  |       |       |       |
| 51"                                           | 126          | 60.8            | 91.2  | 120.0 | 120.0 | 64.5            | 96.8  | 120.0 | 120.0 | 51"                        | 150"         | 51.0             | 76.6  | 102.1 | 120.0 | 54.2             | 81.3  | 108.4 | 120.0 |                                                |              |                  |       |       |       |                  |       |       |       |
| 54"                                           |              | 57.4            | 86.1  | 114.8 | 120.0 | 61.0            | 91.4  | 120.0 | 120.0 | 54"                        |              | 48.2             | 72.3  | 96.4  | 120.0 | 51.2             | 76.8  | 102.4 | 120.0 |                                                |              |                  |       |       |       |                  |       |       |       |
| 57"                                           |              | 54.4            | 81.   |       |       |                 |       |       |       |                            |              |                  |       |       |       |                  |       |       |       |                                                |              |                  |       |       |       |                  |       |       |       |

| ANCHOR TYPE 'C' CAPACITY CHARTS                  |              |                  |       |       |       |                                              |              |                 |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | FL#29520.2                                     |              |                 |       |       |       |  |  |
|--------------------------------------------------|--------------|------------------|-------|-------|-------|----------------------------------------------|--------------|-----------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|--------------|-----------------|-------|-------|-------|--|--|
| ANCHOR LOAD CAPACITY - PSF (EXT. (+) & INT. (-)) |              |                  |       |       |       | ANCHOR LOAD CAPACITY - PSF EXT.(+) & INT.(-) |              |                 |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ANCHOR LOAD CAPACITY - PSF (EXT.(+) & INT.(-)) |              |                 |       |       |       |  |  |
| NOMINAL DIMS.                                    |              | ANCHORS TYPE 'C' |       |       |       | NOMINAL DIMS                                 |              | ANCHOR TYPE 'C' |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | NOMINAL DIMS.                                  |              | ANCHOR TYPE 'C' |       |       |       |  |  |
| WIDTH (W)                                        | FRAME HEIGHT | C2               | C3    | C4    | C5    | WIDTH (W)                                    | FRAME HEIGHT | C2              | C3    | C4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | C5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | WIDTH (W)                                      | FRAME HEIGHT | C2              | C3    | C4    | C5    |  |  |
| 48"                                              | 72"          | 152.7            | 160.0 | 160.0 | 160.0 | 36"                                          | 138"         | 106.2           | 120.0 | 120.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 120.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 36"                                            | 162"         | 90.5            | 120.0 | 120.0 | 120.0 |  |  |
| 54"                                              |              | 135.7            | 160.0 | 160.0 | 160.0 | 39"                                          |              | 98.0            | 120.0 | 120.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 120.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 39"                                            |              | 83.5            | 120.0 | 120.0 | 120.0 |  |  |
| 60"                                              |              | 122.1            | 160.0 | 160.0 | 160.0 | 42"                                          |              | 91.0            | 120.0 | 120.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 120.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 42"                                            |              | 77.5            | 116.3 | 120.0 | 120.0 |  |  |
| 66"                                              |              | 111.0            | 160.0 | 160.0 | 160.0 | 45"                                          |              | 85.0            | 120.0 | 120.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 120.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 45"                                            |              | 72.4            | 108.6 | 120.0 | 120.0 |  |  |
| 69"                                              |              | 106.2            | 159.3 | 160.0 | 160.0 | 48"                                          |              | 79.7            | 119.5 | 120.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 120.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 48"                                            |              | 67.9            | 101.8 | 120.0 | 120.0 |  |  |
| 36"                                              | 96"          | 152.7            | 160.0 | 160.0 | 160.0 | 51"                                          |              | 75.0            | 112.5 | 120.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 120.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 51"                                            |              | 63.9            | 95.8  | 120.0 | 120.0 |  |  |
| 42"                                              |              | 130.9            | 160.0 | 160.0 | 160.0 | 54"                                          |              | 70.8            | 106.2 | 120.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 120.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 54"                                            |              | 60.3            | 90.5  | 120.0 | 120.0 |  |  |
| 48"                                              |              | 114.5            | 160.0 | 160.0 | 160.0 | 57"                                          |              | 67.1            | 100.6 | 120.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 120.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 57"                                            |              | 57.1            | 85.7  | 114.3 | 120.0 |  |  |
| 54"                                              |              | 101.8            | 152.7 | 160.0 | 160.0 | 60"                                          |              | 63.7            | 95.6  | 120.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 120.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 60"                                            |              | 54.3            | 81.4  | 108.6 | 120.0 |  |  |
| 60"                                              |              | 91.6             | 137.4 | 160.0 | 160.0 | 63"                                          |              | 60.7            | 91.0  | 120.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 120.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 36"                                            | 168"         | 87.2            | 120.0 | 120.0 | 120.0 |  |  |
| 66"                                              | 83.3         | 124.9            | 160.0 | 160.0 | 66"   | 57.9                                         | 86.9         | 115.9           | 120.0 | 39"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 80.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 120.0                                          |              | 120.0           | 120.0 |       |       |  |  |
| 69"                                              | 79.7         | 119.5            | 159.3 | 160.0 | 69"   | 55.4                                         | 83.1         | 110.8           | 120.0 | 42"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 74.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 112.2                                          |              | 120.0           | 120.0 |       |       |  |  |
| 36"                                              | 122.1        | 160.0            | 160.0 | 160.0 | 72"   | 53.1                                         | 79.7         | 106.2           | 120.0 | 45"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 69.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 104.7                                          |              | 120.0           | 120.0 |       |       |  |  |
| 39"                                              | 112.7        | 160.0            | 160.0 | 160.0 | 36"   | 101.8                                        | 120.0        | 120.0           | 120.0 | 48"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 65.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 98.1                                           |              | 120.0           | 120.0 |       |       |  |  |
| 42"                                              | 104.7        | 157.0            | 160.0 | 160.0 | 39"   | 93.9                                         | 120.0        | 120.0           | 120.0 | 51"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 61.6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 92.4                                           |              | 120.0           | 120.0 |       |       |  |  |
| 45"                                              | 97.7         | 146.6            | 160.0 | 160.0 | 42"   | 87.2                                         | 120.0        | 120.0           | 120.0 | 54"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 58.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 87.2                                           |              | 116.3           | 120.0 |       |       |  |  |
| 48"                                              | 91.6         | 137.4            | 160.0 | 160.0 | 45"   | 81.4                                         | 120.0        | 120.0           | 120.0 | 57"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 55.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 82.6                                           |              | 110.2           | 120.0 |       |       |  |  |
| 51"                                              | 86.2         | 129.3            | 160.0 | 160.0 | 48"   | 76.3                                         | 114.5        | 120.0           | 120.0 | 60"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 52.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 78.5                                           |              | 104.7           | 120.0 |       |       |  |  |
| 54"                                              | 81.4         | 122.1            | 160.0 | 160.0 | 51"   | 71.8                                         | 107.8        | 120.0           | 120.0 | <div><div>INTERMEDIATE VERTICAL</div><div>INTERMEDIATE HORIZONTAL</div><div>FRAME HEIGHT</div><div>SINGLE SPAN</div><div>W1</div><div>W2</div><div>WIDTH (W) = <math>\frac{W1 + W2}{2}</math></div><div>C2</div><div>C3</div><div>C4</div><div>C5</div></div> <div><div>SLOPED SYSTEMS NOTE:</div><div>ANCHORING FOR SLOPED SYSTEMS SHALL BE DESIGNED ON A SITE SPECIFIC BASIS WITH APPROVAL FROM A LICENSED PROFESSIONAL ENGINEER, AND THE PRODUCT MANUFACTURER.</div></div> <div><div>ANCHOR SPECIFICATIONS NOTE:</div><div>IF A LESSER EDGE DISTANCE, EMBEDMENT AND/OR SPACING IS DESIRED TO ACHIEVE THE DESIGN INTENT THEN THE PRODUCT ANCHORING SHALL BE DESIGNED ON A SITE SPECIFIC BASIS AND APPROVED BY A LICENSED PROFESSIONAL ENGINEER.</div></div> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                |              |                 |       |       |       |  |  |
| 57"                                              | 77.1         | 115.7            | 154.3 | 160.0 | 54"   | 144"                                         | 67.9         | 101.8           | 120.0 | 120.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <div><div>INTERMEDIATE VERTICAL</div><div>INTERMEDIATE HORIZONTAL</div><div>FRAME HEIGHT</div><div>SINGLE SPAN</div><div>W1</div><div>W2</div><div>WIDTH (W) = <math>\frac{W1 + W2}{2}</math></div><div>C2</div><div>C3</div><div>C4</div><div>C5</div></div> <div><div>SLOPED SYSTEMS NOTE:</div><div>ANCHORING FOR SLOPED SYSTEMS SHALL BE DESIGNED ON A SITE SPECIFIC BASIS WITH APPROVAL FROM A LICENSED PROFESSIONAL ENGINEER, AND THE PRODUCT MANUFACTURER.</div></div> <div><div>ANCHOR SPECIFICATIONS NOTE:</div><div>IF A LESSER EDGE DISTANCE, EMBEDMENT AND/OR SPACING IS DESIRED TO ACHIEVE THE DESIGN INTENT THEN THE PRODUCT ANCHORING SHALL BE DESIGNED ON A SITE SPECIFIC BASIS AND APPROVED BY A LICENSED PROFESSIONAL ENGINEER.</div></div> |                                                |              |                 |       |       |       |  |  |
| 60"                                              | 73.3         | 109.9            | 146.5 | 160.0 | 57"   |                                              | 64.3         | 96.4            | 120.0 | 120.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                |              |                 |       |       |       |  |  |
| 63"                                              | 69.8         | 104.7            | 120.0 | 120.0 | 60"   |                                              | 61.1         | 91.6            | 120.0 | 120.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                |              |                 |       |       |       |  |  |
| 66"                                              | 66.6         | 99.9             | 120.0 | 120.0 | 63"   |                                              | 58.2         | 87.2            | 116.3 | 120.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                |              |                 |       |       |       |  |  |
| 69"                                              | 63.7         | 95.6             | 120.0 | 120.0 | 66"   |                                              | 55.5         | 83.3            | 111.0 | 120.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                |              |                 |       |       |       |  |  |
| 72"                                              | 61.1         | 91.6             | 120.0 | 120.0 | 69"   |                                              | 53.1         | 79.7            | 106.2 | 120.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                |              |                 |       |       |       |  |  |
| 36"                                              | 126"         | 116.3            | 120.0 | 120.0 | 120.0 |                                              | 36"          | 97.7            | 120.0 | 120.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                |              |                 |       |       | 120.0 |  |  |
| 39"                                              |              | 107.4            | 120.0 | 120.0 | 120.0 |                                              | 39"          | 90.2            | 120.0 | 120.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                |              |                 |       |       | 120.0 |  |  |
| 42"                                              |              | 99.7             | 120.0 | 120-0 | 120-0 |                                              | 42"          | 83.7            | 120-0 | 120-0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                |              |                 |       |       | 120.0 |  |  |
| 45"                                              |              | 93.1             | 120.0 | 120.0 | 120.0 |                                              | 45"          | 78.2            | 117.2 | 120.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                |              |                 |       |       | 120.0 |  |  |
| 48"                                              |              | 87.2             | 120.0 | 120.0 | 120.0 |                                              | 48"          | 73.3            | 109.9 | 120.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                |              |                 |       |       | 120.0 |  |  |
| 51"                                              |              | 82.1             | 120.0 | 120.0 | 120.0 |                                              | 51"          | 69.0            | 103.5 | 120.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                |              |                 |       |       | 120.0 |  |  |
| 54"                                              |              | 77.5             | 116.3 | 120.0 | 120.0 |                                              | 54"          | 65.1            | 97.7  | 120.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                |              |                 |       |       | 120.0 |  |  |
| 57"                                              |              | 73.5             | 110.2 | 120.0 | 120.0 |                                              | 57"          | 61.7            | 92.6  | 120.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                |              |                 |       |       | 120.0 |  |  |
| 60"                                              |              | 69.8             | 104.7 | 120.0 | 120.0 |                                              | 60"          | 58.6            | 87.9  | 117.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                |              |                 |       |       | 120.0 |  |  |
| 63"                                              |              | 66.5             | 99.7  | 120.0 | 120.0 |                                              | 63"          | 55.8            | 83.7  | 111.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                |              |                 |       |       | 120.0 |  |  |
| 66"                                              | 132"         | 63.4             | 95.2  | 120.0 | 120.0 | 66"                                          | 150"         | 53.3            | 79.9  | 106.6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                |              |                 |       |       | 120.0 |  |  |
| 69"                                              |              | 60.7             | 91.0  | 120.0 | 120.0 | 36"                                          |              | 93.9            | 120.0 | 120.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                |              |                 |       |       | 120.0 |  |  |
| 72"                                              |              | 58.2             | 87.2  | 116.3 | 120.0 | 39"                                          |              | 86.7            | 120.0 | 120.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                |              |                 |       |       | 120.0 |  |  |
| 36"                                              |              | 111.0            | 120.0 | 120.0 | 120.0 | 42"                                          |              | 80.5            | 120.0 | 120.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                |              |                 |       |       | 120.0 |  |  |
| 39"                                              |              | 102.5            | 120.0 | 120.0 | 120.0 | 45"                                          |              | 75.2            | 112.7 | 120.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                |              |                 |       |       | 120.0 |  |  |
| 42"                                              |              | 95.2             | 120.0 | 120.0 | 120.0 | 48"                                          |              | 70.5            | 105.7 | 120.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                |              |                 |       |       | 120.0 |  |  |
| 45"                                              |              | 88.8             | 120.0 | 120.0 | 120.0 | 51"                                          |              | 66.3            | 99.5  | 120.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                |              |                 |       |       | 120.0 |  |  |
| 48"                                              |              | 83.3             | 120.0 | 120.0 | 120.0 | 54"                                          |              | 62.6            | 93.9  | 120.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                |              |                 |       |       | 120.0 |  |  |
| 51"                                              |              | 78.4             | 117.6 | 120.0 | 120.0 | 57"                                          |              | 59.3            | 89.0  | 118.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                |              |                 |       |       | 120.0 |  |  |
| 54"                                              |              | 74.0             | 111.0 | 120.0 | 120.0 | 60"                                          |              | 56.4            | 84.6  | 112.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                |              |                 |       |       | 120.0 |  |  |
| 57"                                              |              | 70.1             | 105.2 | 120.0 | 120.0 | 63"                                          |              | 53.7            | 80.5  | 107.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                |              |                 |       |       | 120.0 |  |  |
| 60"                                              | 132"         | 66.6             | 99.9  | 120.0 | 120.0 |                                              |              |                 |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                |              |                 |       |       |       |  |  |
| 63"                                              |              | 63.4             | 95.2  | 120.0 | 120.0 |                                              |              |                 |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                |              |                 |       |       |       |  |  |
| 66"                                              |              | 60.6             | 90.8  | 120.0 | 120.0 |                                              |              |                 |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                |              |                 |       |       |       |  |  |
| 69"                                              |              | 57.9             | 86.9  | 115.9 | 120.0 |                                              |              |                 |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                |              |                 |       |       |       |  |  |
| 72"                                              | 132"         | 55.5             | 83.3  | 111   | 120.0 |                                              |              |                 |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                |              |                 |       |       |       |  |  |

JAVAD AHMAD PE, inc

7875 NW 12 Street, Suite 102  
Doral, FL 33126  
Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :  
  
PRO-TECH 7SG ALUMINUM CURTAINWALL SYSTEM

CLIENT :  
  
CRAWFORD TRACEY CORPORATION

3301 S.W. 13TH DR.,  
DEERFIELD BEACH, FL 33442  
(954) 698-6888

REVISION

| No.         | DATE       | BY | DESCRIPTION |
|-------------|------------|----|-------------|
|             |            |    |             |
|             |            |    |             |
| Date:       | 06-15-2026 |    |             |
| Scale:      | N/A        |    |             |
| Drawn by:   | DK         |    |             |
| Check by:   | PK         |    |             |
| Drawing no. | JA-1671-24 |    |             |

Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254

JAVAD AHMAD  
LICENSE  
No 70592  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER

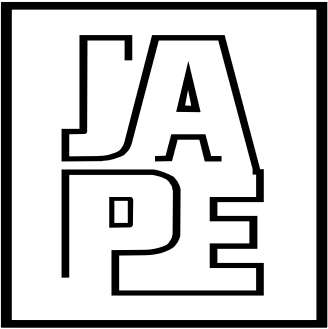
SEALED: 06-17-2026

|    |       |
|----|-------|
| 20 | OF 45 |
|----|-------|

| ANCHOR TYPE 'D' CAPACITY CHARTS |              |                              |           |                              |            |  |  |  |  | FL#29520.2 |  |  |  |  |  |  |  |
|---------------------------------|--------------|------------------------------|-----------|------------------------------|------------|--|--|--|--|------------|--|--|--|--|--|--|--|
| ANCHOR LOAD CAPACITY - PSF      |              |                              |           |                              |            |  |  |  |  |            |  |  |  |  |  |  |  |
| NOMINAL DIMS.                   |              | 4 ANCHORS PER PLATE TYPE 'D' |           | 6 ANCHORS PER PLATE TYPE 'D' |            |  |  |  |  |            |  |  |  |  |  |  |  |
| WIDTH (W)                       | FRAME HEIGHT | 2-1/4                        | 3-1/4     | 2-1/4"                       | 3-1/4"     |  |  |  |  |            |  |  |  |  |  |  |  |
|                                 |              | EDGE DIST                    | EDGE DIST | EDGE DIST                    | EDGE DIST. |  |  |  |  |            |  |  |  |  |  |  |  |
| 48"                             | 72"          | 142.1                        | 160.0     | 160.0                        | 160.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 54"                             |              | 126.3                        | 160.0     | 160.0                        | 160.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 60"                             |              | 113.7                        | 160.0     | 160.0                        | 160.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 66"                             |              | 103.4                        | 160.0     | 155.1                        | 150.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 69"                             |              | 98.9                         | 155.4     | 148.3                        | 160.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 36"                             | 96"          | 142.1                        | 160.0     | 160.0                        | 160.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 42"                             |              | 121.8                        | 160.0     | 160.0                        | 160.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 48"                             |              | 106.6                        | 160.0     | 159.9                        | 160.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 54"                             |              | 94.8                         | 149.9     | 142.1                        | 160.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 60"                             |              | 85.3                         | 134.9     | 127.9                        | 160.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 66"                             | 120"         | 77.5                         | 122.6     | 116.3                        | 160.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 69"                             |              | 74.2                         | 117.3     | 111.2                        | 160.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 36"                             |              | 113.7                        | 160.0     | 160.0                        | 160.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 39"                             |              | 105.0                        | 160.0     | 157.5                        | 160.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 42"                             |              | 97.5                         | 154.1     | 146.2                        | 160.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 45"                             | 126"         | 91.0                         | 143.8     | 136.5                        | 160.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 48"                             |              | 85.3                         | 134.9     | 128.0                        | 160.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 51"                             |              | 80.3                         | 126.9     | 120.4                        | 160.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 54"                             |              | 75.8                         | 119.9     | 113.7                        | 160.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 57"                             |              | 71.8                         | 113.6     | 107.7                        | 160.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 60"                             | 132"         | 68.2                         | 107.9     | 102.4                        | 160.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 63"                             |              | 65.0                         | 102.7     | 97.5                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 66"                             |              | 62.0                         | 98.1      | 93.1                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 69"                             |              | 59.3                         | 93.8      | 89.0                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 72"                             |              | 56.9                         | 59.9      | 85.3                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 36"                             | 138"         | 108.3                        | 120.0     | 120.0                        | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 39"                             |              | 100-0                        | 120-0     | 120.0                        | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 42"                             |              | 92.8                         | 120.0     | 120.0                        | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 45"                             |              | 86.7                         | 120.0     | 120.0                        | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 48"                             |              | 81.2                         | 120.0     | 120.0                        | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 51"                             | 144"         | 76.5                         | 120.0     | 114.7                        | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 54"                             |              | 72.2                         | 114.2     | 108.3                        | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 57"                             |              | 68.4                         | 108.2     | 102.6                        | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 60"                             |              | 65.0                         | 102.7     | 97.5                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 63"                             |              | 61.9                         | 97.9      | 92.8                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 66"                             | 150"         | 59.1                         | 93.4      | 88.6                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 69"                             |              | 56.5                         | 89.3      | 84.8                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 72"                             |              | 54.2                         | 85.6      | 81.2                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 36"                             |              | 103.4                        | 120.0     | 120.0                        | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 39"                             |              | 95.4                         | 120.0     | 120.0                        | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 42"                             | 156"         | 88.6                         | 120.0     | 120.0                        | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 45"                             |              | 82.7                         | 120.0     | 120.0                        | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 48"                             |              | 77.5                         | 120.0     | 116.3                        | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 51"                             |              | 73.0                         | 115.4     | 109.5                        | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 54"                             |              | 68.9                         | 109.0     | 103.4                        | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 57"                             | 162"         | 65.3                         | 103.2     | 98.0                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 60"                             |              | 62.0                         | 98.1      | 93.1                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 63"                             |              | 59.1                         | 93.4      | 88.6                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 66"                             |              | 56.4                         | 89.2      | 84.6                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 69"                             |              | 53.9                         | 85.3      | 80.9                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
| 72"                             | 168"         | 51.7                         | 81.7      | 77.5                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
|                                 |              | 51.7                         | 81.7      | 77.5                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
|                                 |              | 51.7                         | 81.7      | 77.5                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
|                                 |              | 51.7                         | 81.7      | 77.5                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
|                                 |              | 51.7                         | 81.7      | 77.5                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
|                                 |              | 51.7                         | 81.7      | 77.5                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
|                                 |              | 51.7                         | 81.7      | 77.5                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
|                                 |              | 51.7                         | 81.7      | 77.5                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
|                                 |              | 51.7                         | 81.7      | 77.5                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
|                                 |              | 51.7                         | 81.7      | 77.5                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
|                                 |              | 51.7                         | 81.7      | 77.5                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
|                                 |              | 51.7                         | 81.7      | 77.5                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
|                                 |              | 51.7                         | 81.7      | 77.5                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
|                                 |              | 51.7                         | 81.7      | 77.5                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
|                                 |              | 51.7                         | 81.7      | 77.5                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
|                                 |              | 51.7                         | 81.7      | 77.5                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
|                                 |              | 51.7                         | 81.7      | 77.5                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
|                                 |              | 51.7                         | 81.7      | 77.5                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
|                                 |              | 51.7                         | 81.7      | 77.5                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
|                                 |              | 51.7                         | 81.7      | 77.5                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
|                                 |              | 51.7                         | 81.7      | 77.5                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
|                                 |              | 51.7                         | 81.7      | 77.5                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
|                                 |              | 51.7                         | 81.7      | 77.5                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
|                                 |              | 51.7                         | 81.7      | 77.5                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
|                                 |              | 51.7                         | 81.7      | 77.5                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
|                                 |              | 51.7                         | 81.7      | 77.5                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
|                                 |              | 51.7                         | 81.7      | 77.5                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
|                                 |              | 51.7                         | 81.7      | 77.5                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
|                                 |              | 51.7                         | 81.7      | 77.5                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
|                                 |              | 51.7                         | 81.7      | 77.5                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
|                                 |              | 51.7                         | 81.7      | 77.5                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
|                                 |              | 51.7                         | 81.7      | 77.5                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
|                                 |              | 51.7                         | 81.7      | 77.5                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
|                                 |              | 51.7                         | 81.7      | 77.5                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
|                                 |              | 51.7                         | 81.7      | 77.5                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
|                                 |              | 51.7                         | 81.7      | 77.5                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
|                                 |              | 51.7                         | 81.7      | 77.5                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
|                                 |              | 51.7                         | 81.7      | 77.5                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
|                                 |              | 51.7                         | 81.7      | 77.5                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |
|                                 |              | 51.7                         | 81.7      | 77.5                         | 120.0      |  |  |  |  |            |  |  |  |  |  |  |  |

T- CLIP INSTALLATION DETAIL AT HEAD/SILL

FL#29520.2



JAVAD AHMAD PE, inc

7875 NW 12 Street, Suite 102  
Doral, FL 33126

Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING  
ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

PRO-TECH 7SG ALUMINUM  
CURTAINWALL SYSTEM

CLIENT :

CRAWFORD TRACEY  
CORPORATION

3301 S.W. 13TH DR.,  
DEERFIELD BEACH, FL 33442  
(954) 698-6888

REVISION

| No. | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
|     |      |    |             |
|     |      |    |             |

Date: 06-15-2026

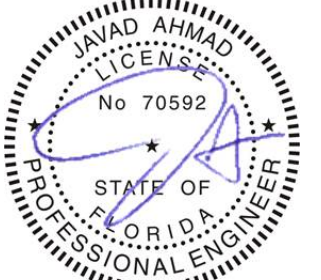
Scale: N/A

Drawn by: DK

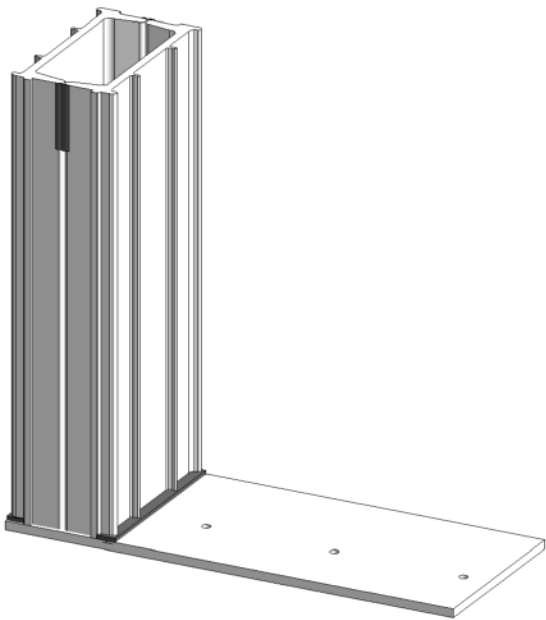
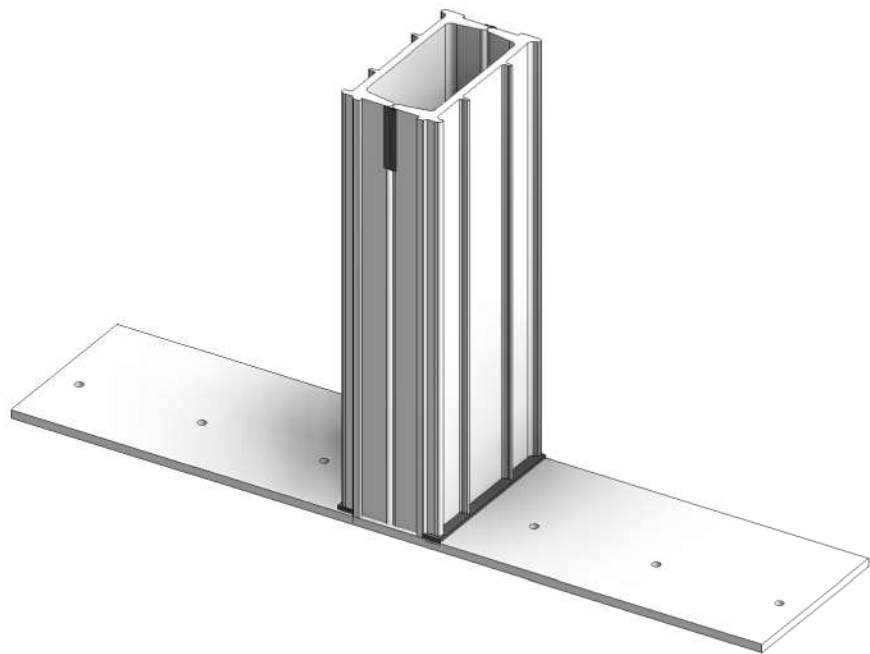
Check by: PK

Drawing no. JA-1671-24

Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254



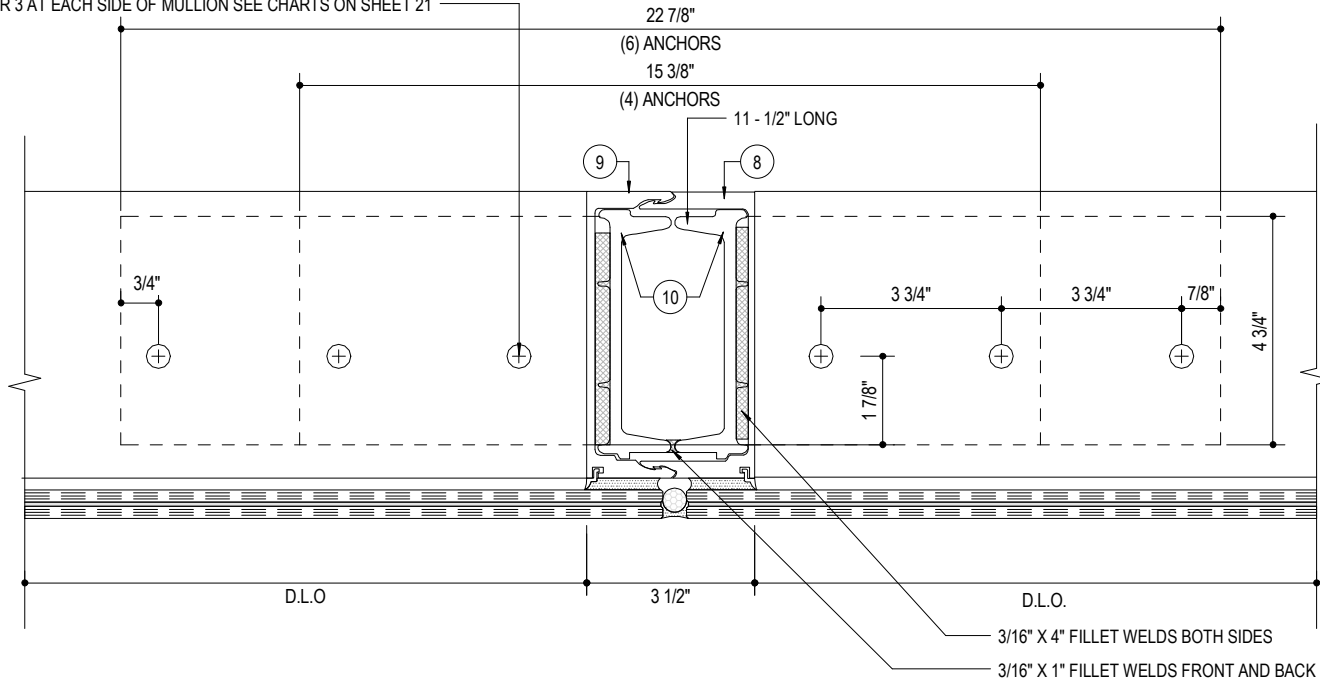
SEALED: 06-17-2026



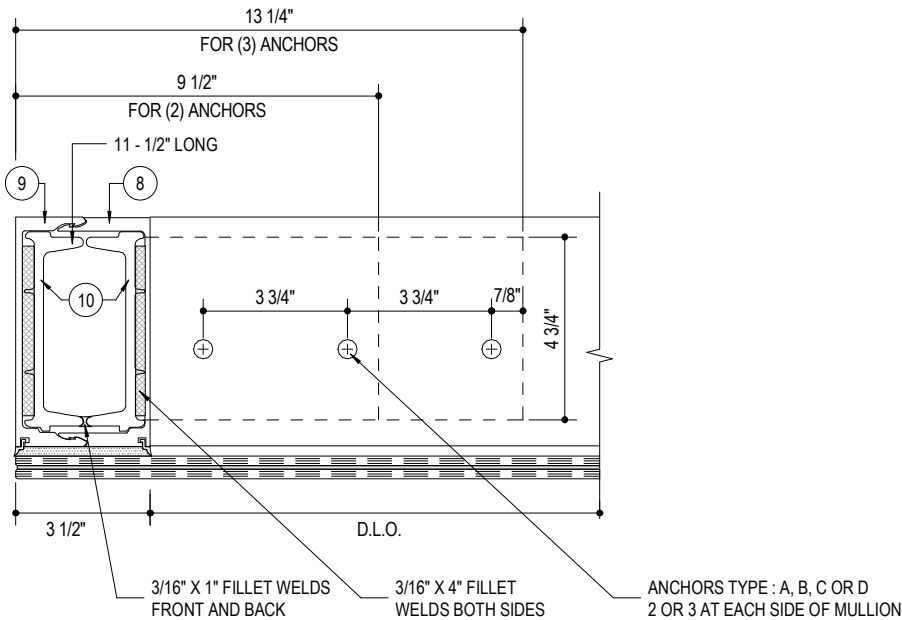
1 T CLIP 3D VIEW

2 L- CLIP 3D VIEW

ANCHORS TYPE 'D' 2 OR 3 AT EACH SIDE OF MULLION SEE CHARTS ON SHEET 21



3 T- CLIP INSTALLATION DETAILS AT HEAD / SILL

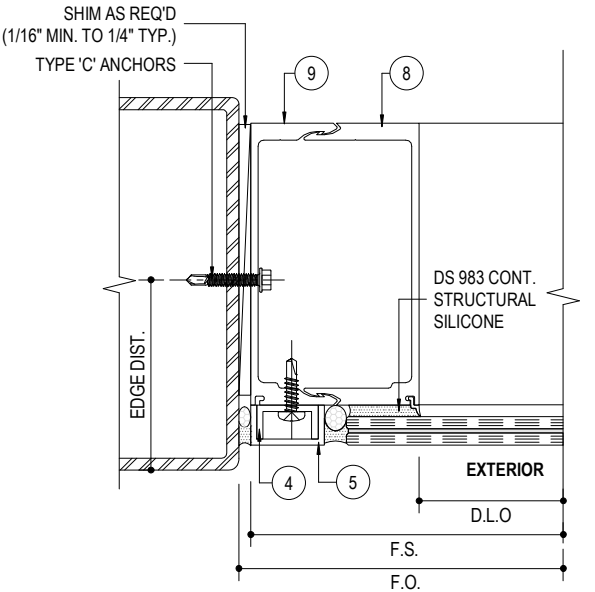


4 L- CLIP INSTALLATION DETAILS AT HEAD / SILL

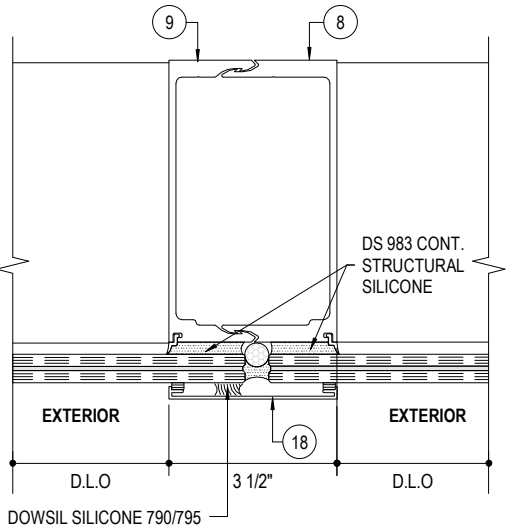
NOTE:  
• T-CLIP AND L-CLIP MAY USE ANCHOR TYPES A, B, & C UNDER SITE SPECIFIC CONDITIONS. ANCHOR / ATTACHMENT DESIGN MUST BE APPROVED BY A LICENSED PROFESSIONAL ENGINEER AND THE PRODUCT MANUFACTURER. IF GREATER CAPACITY IS NEEDED, ANCHOR / ATTACHMENT TO BE DESIGNED ON SITE SPECIFIC BASIS.

HORIZONTAL SECTION DETAILS

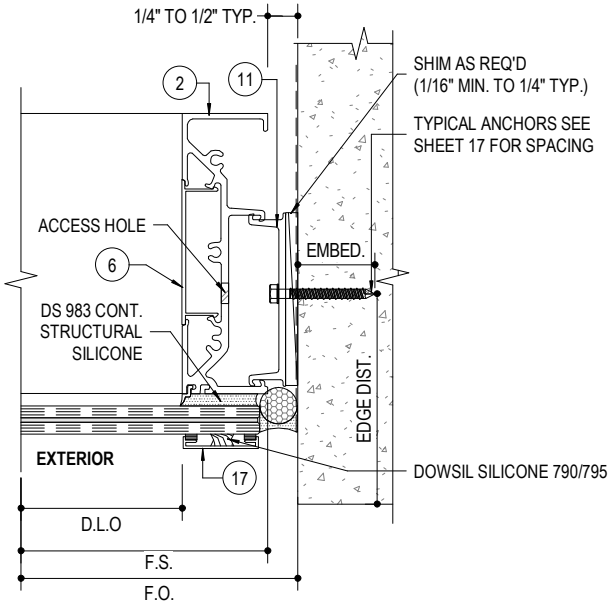
FL#29520.2



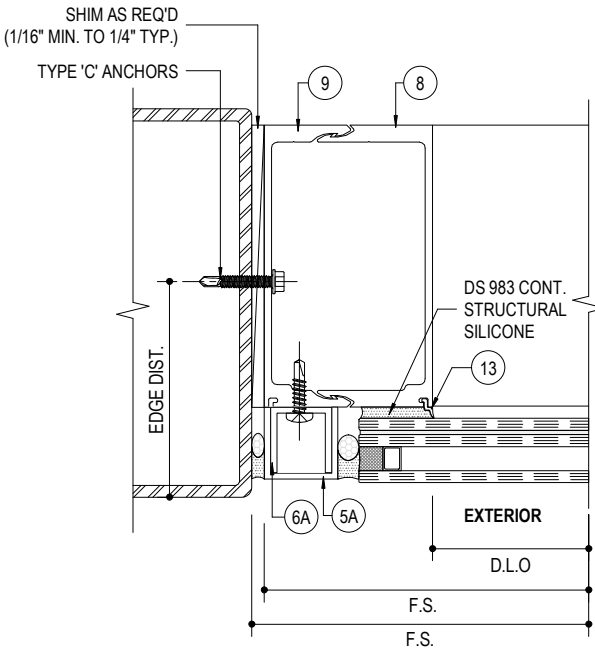
1 ALT. JAMB SECTIONAL DETAIL (LAM.)



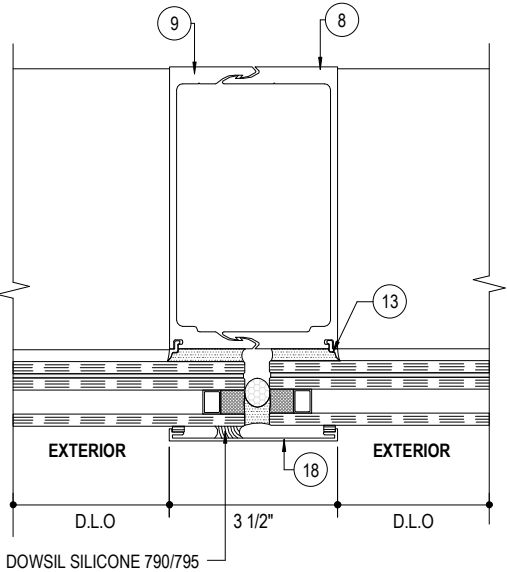
2 INTERMEDIATE SECTIONAL DETAIL (LAM.)



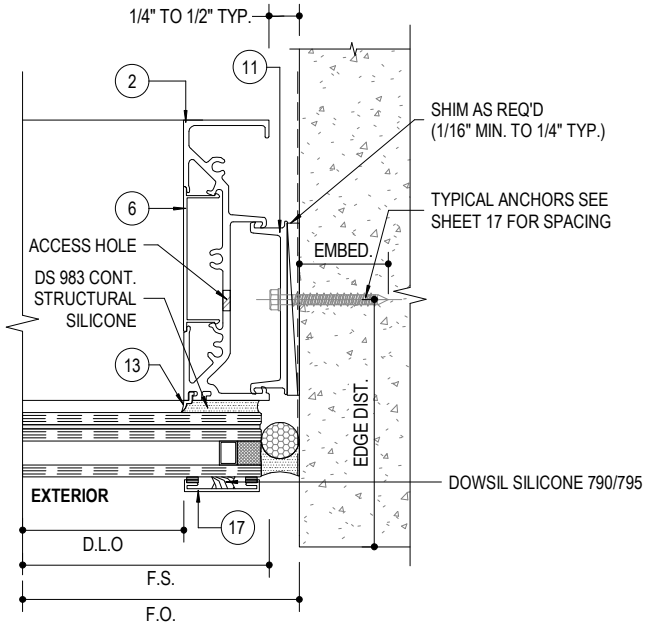
3 JAMB SECTIONAL DETAIL (LAM.)



4 ALT. JAMB SECTIONAL DETAIL (INSUL.)



5 INTERMEDIATE SECTIONAL DETAIL (INSUL.)



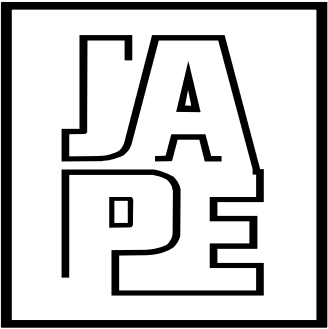
6 JAMB SECTIONAL DETAIL (INSUL.)

**NOTE:**

- SHIM SIZES GREATER THAN THE ONE SHOWN IN THE DETAILS ARE PERMITTED UNDER SITE SPECIFIC CONDITIONS.
- MODIFICATION TO THE ANCHORING REQUIRED TO MEET SITE SPECIFIC CONDITIONS SHALL BE DONE BY A LICENSED PROFESSIONAL ENGINEER.
- SHIM SPACE BETWEEN JAMB AND SUBSTRATE IN EXCESS OF 1/2" THICKNESS MAY BE USED GIVEN CLIP AND BALANCE ANCHORING IS DESIGNED PER SITE SPECIFIC PARAMETER ANCHOR / ATTACHMENT DESIGN MUST BE APPROVED BY A LICENSED PROFESSIONAL ENGINEER AND THE PRODUCT MANUFACTURER.

**NOTE:**

- ALTERNATE JAMB MAY ALSO BE USED WITHOUT ANCHORS AND SHOULD BE DESIGNED BY A LICENCED PROFESSIONAL ENGINEER ON SITE SPECIFIC BASIS.



JAVAD AHMAD PE, inc

7875 NW 12 Street, Suite 102  
Doral, FL 33126  
Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING  
ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

PRO-TECH 7SG ALUMINUM  
CURTAINWALL SYSTEM

CLIENT :

CRAWFORD TRACEY  
CORPORATION

3301 S.W. 13TH DR.,  
DEERFIELD BEACH, FL 33442  
(954) 698-6888

REVISION

| No. | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
|     |      |    |             |
|     |      |    |             |

Date: 06-15-2026

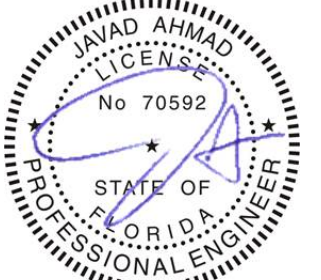
Scale: N/A

Drawn by: DK

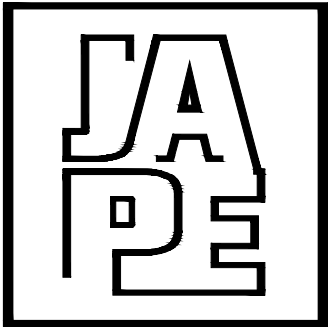
Check by: PK

Drawing no. JA-1671-24

Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254



SEALED: 06-17-2026



JAVAD AHMAD PE, inc

7875 NW 12 Street, Suite 102  
Doral, FL 33126  
Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING  
ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

PRO-TECH 7SG ALUMINUM  
CURTAINWALL SYSTEM

CLIENT :

CRAWFORD TRACEY  
CORPORATION

3301 S.W. 13TH DR.,  
DEERFIELD BEACH FL 33442  
(954) 698-6888

REVISION

| No. | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
|     |      |    |             |
|     |      |    |             |

Date: 06-15-2026

Scale: N/A

Drawn by: DK

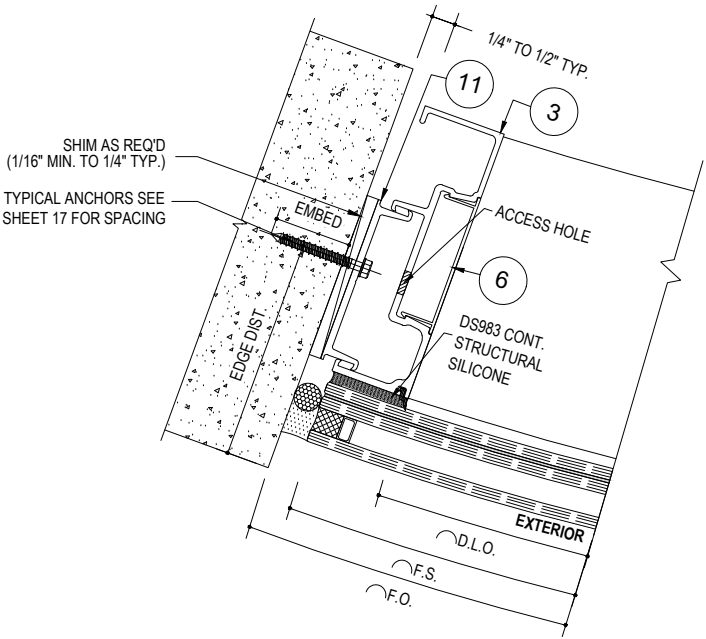
Check by: PK

Drawing no. JA-1671-24

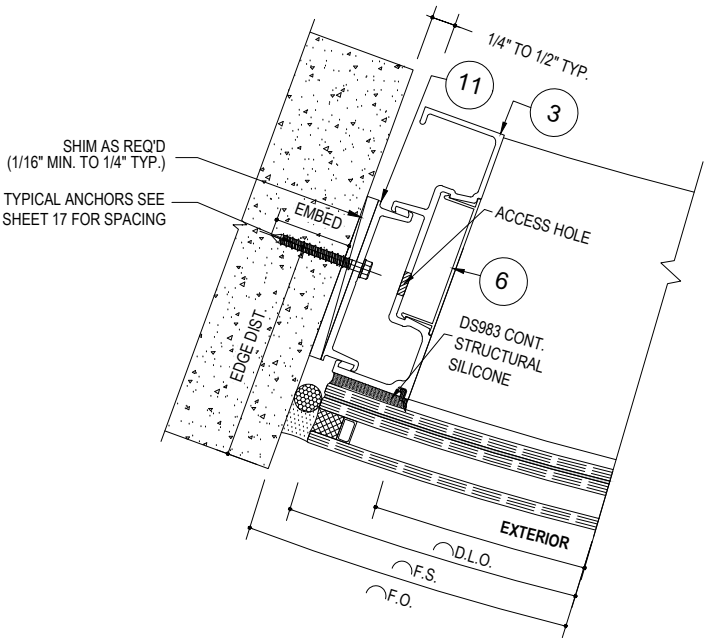
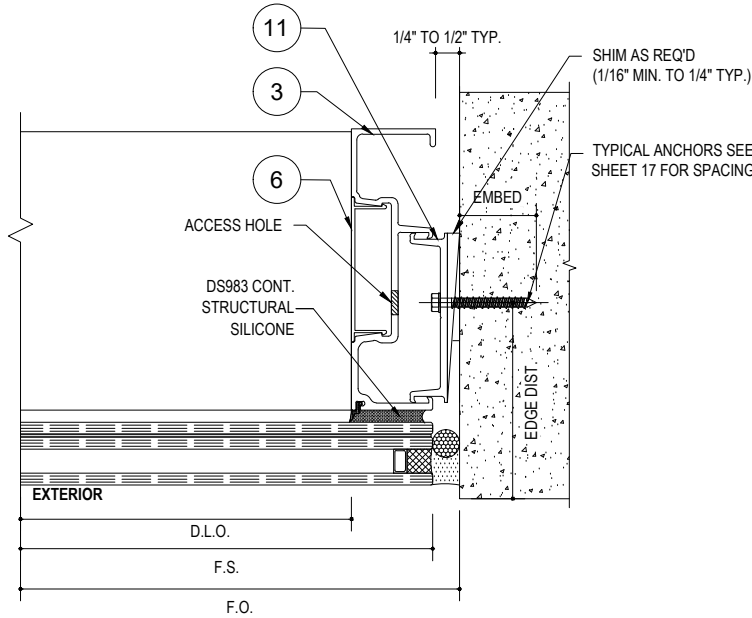
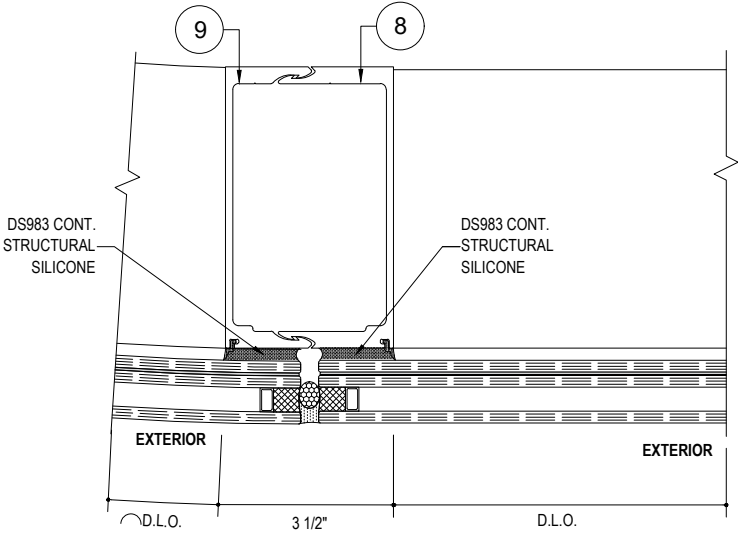
Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254



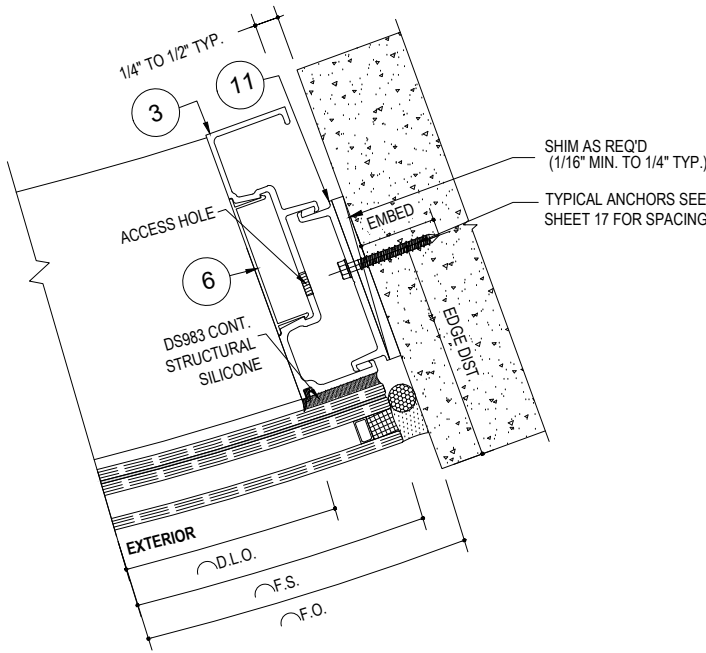
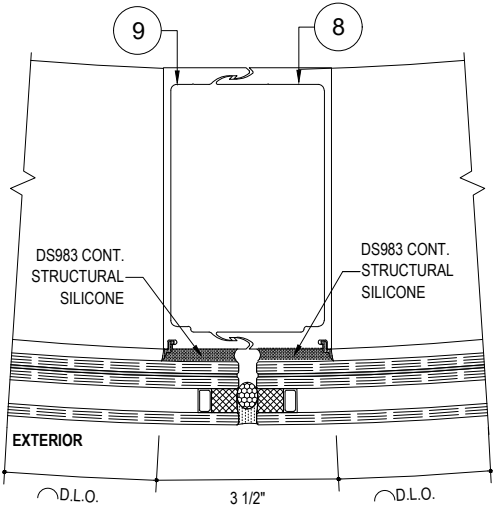
SEALED: 06-17-2026



1 CURVED GLASS TO STRAIGHT SEGMENT HORIZONTAL SECTION DETAIL

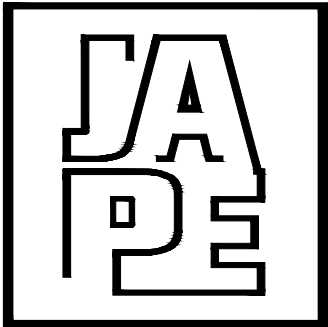


2 CURVED GLASS HORIZONTAL SECTION DETAIL



HORIZONTAL SECTION DETAILS (CONT.)

FL#29520.2



JAVAD AHMAD PE, inc

7875 NW 12 Street, Suite 102  
Doral, FL 33126  
Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING  
ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

PRO-TECH 7SG ALUMINUM  
CURTAINWALL SYSTEM

CLIENT :

CRAWFORD TRACEY  
CORPORATION

3301 S.W. 13TH DR.,  
DEERFIELD BEACH FL 33442  
(954) 698-6888

REVISION

| No. | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
|     |      |    |             |
|     |      |    |             |

Date: 06-15-2026

Scale: N/A

Drawn by: DK

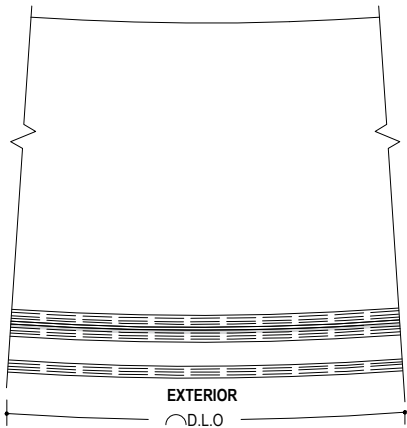
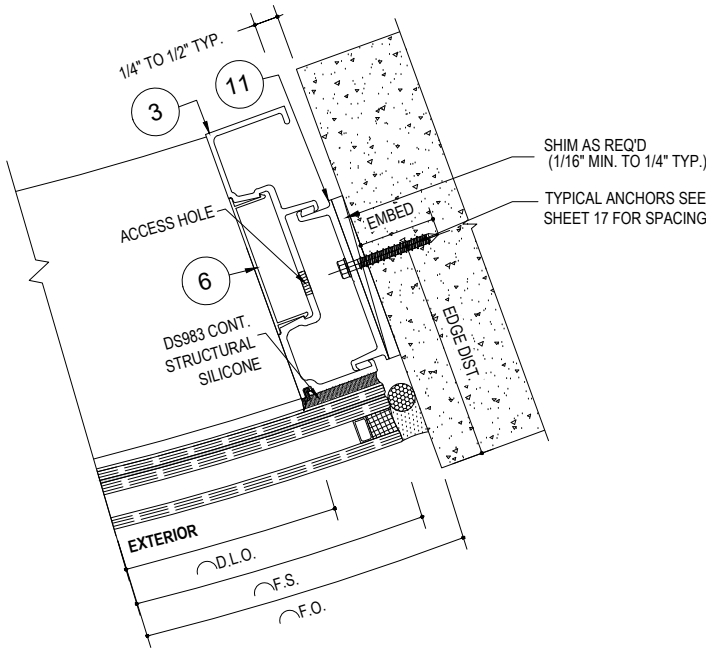
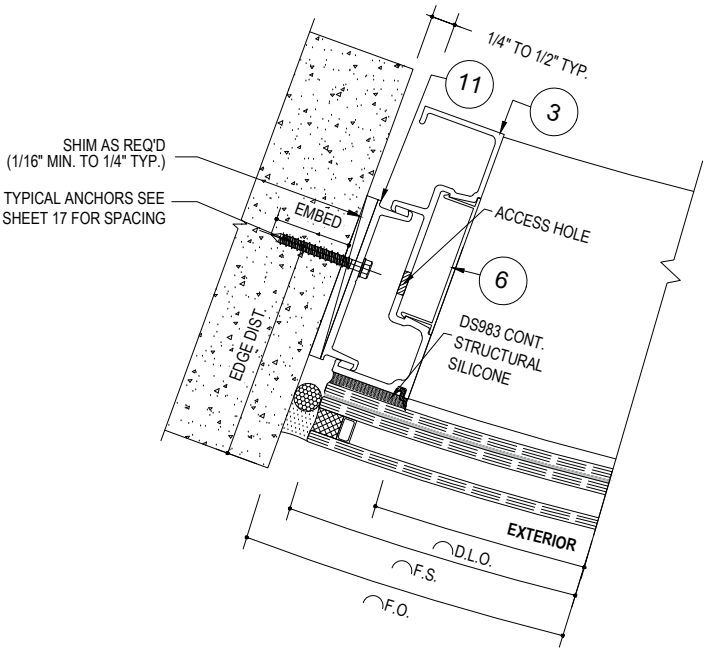
Check by: PK

Drawing no. JA-1671-24

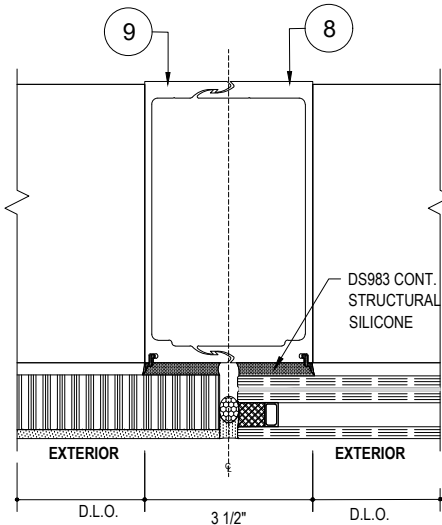
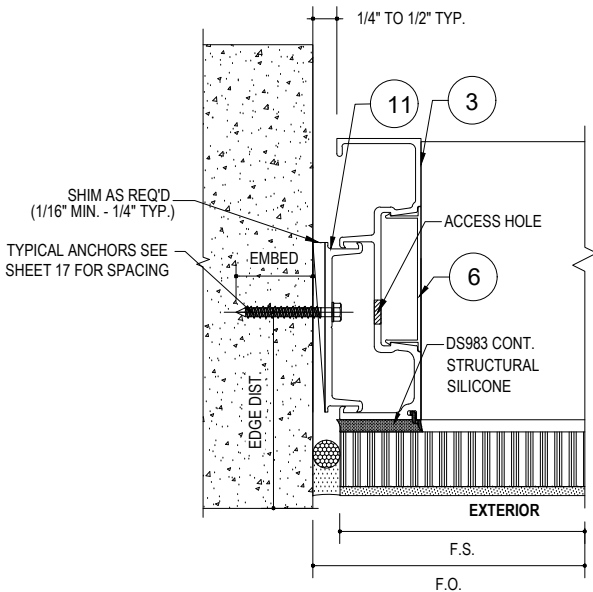
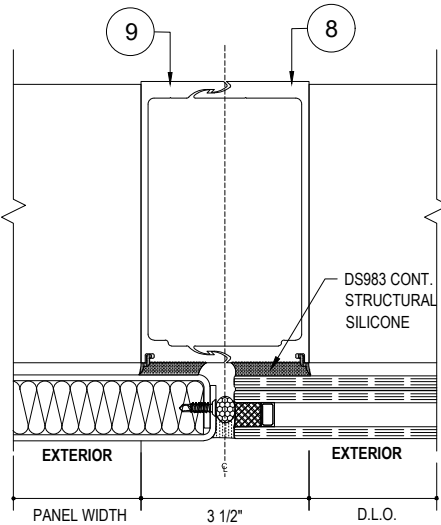
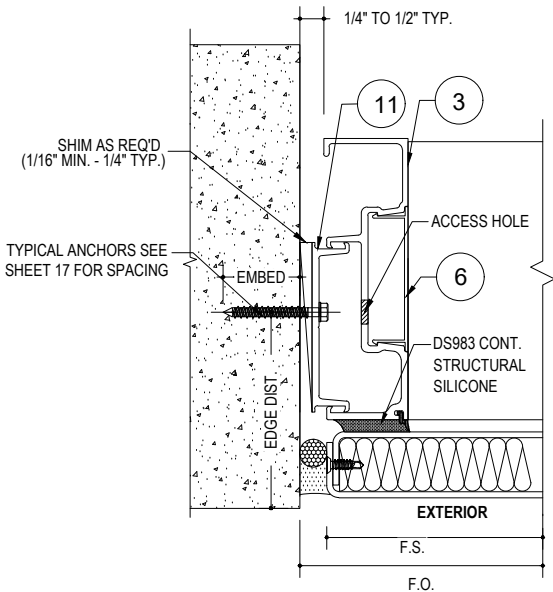
Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254



SEALED: 06-17-2026



1 CURVED GLASS HORIZONTAL SECTION DETAIL



2 JAMB DETAIL (ALUMINUM PANEL)

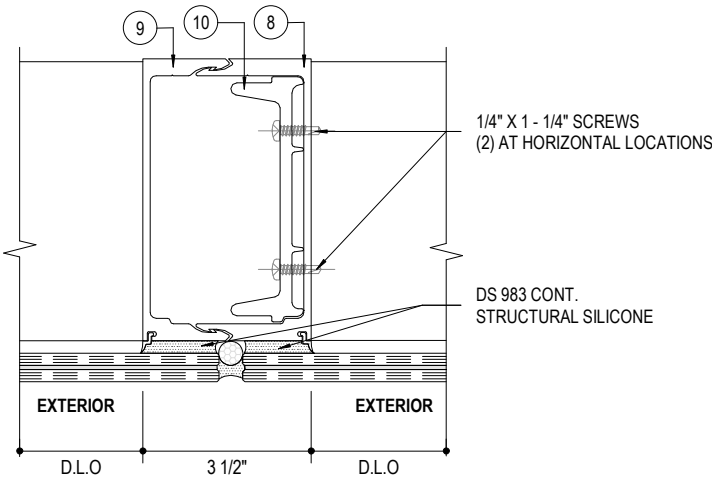
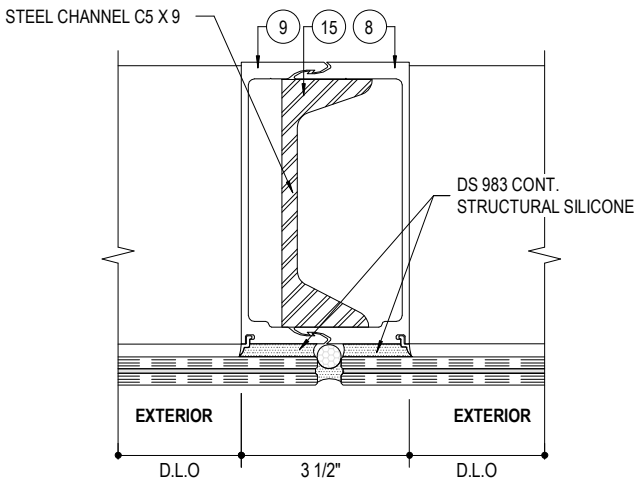
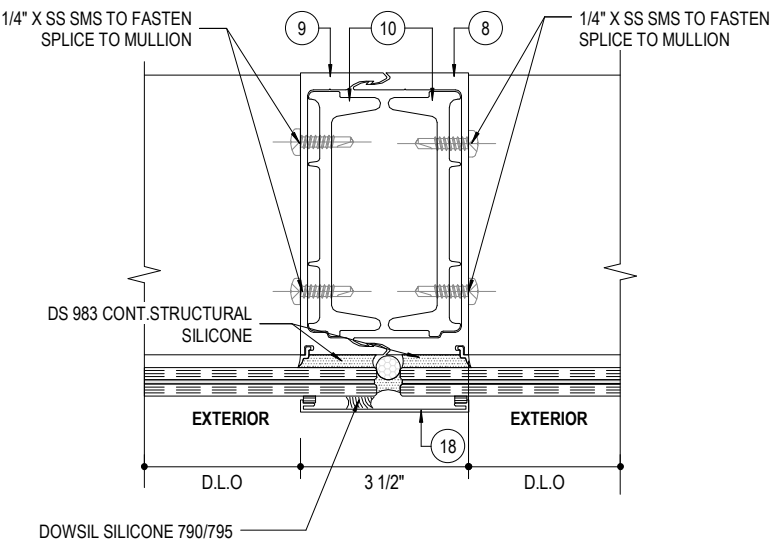
3 MULLION DETAIL (ALUMINUM PANEL)

4 JAMB DETAIL (STONE PANEL)

5 MULLION DETAIL (STONE PANEL)

ALTERNATE MULLION DETAILS

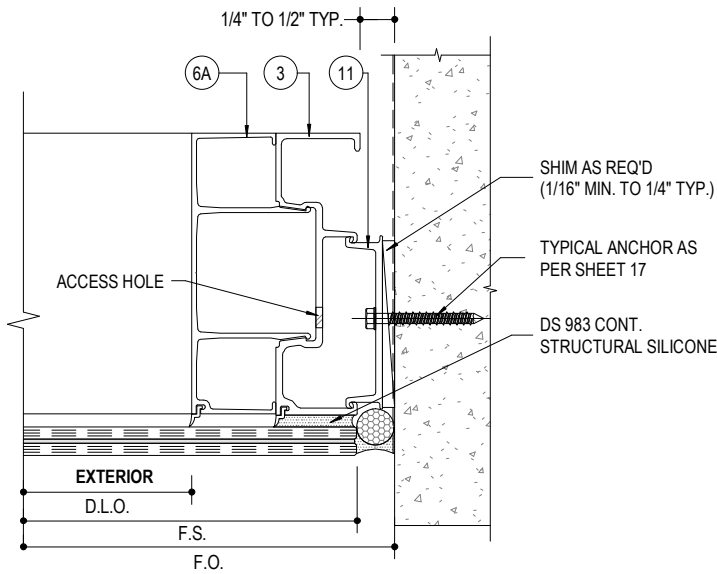
FL#29520.2



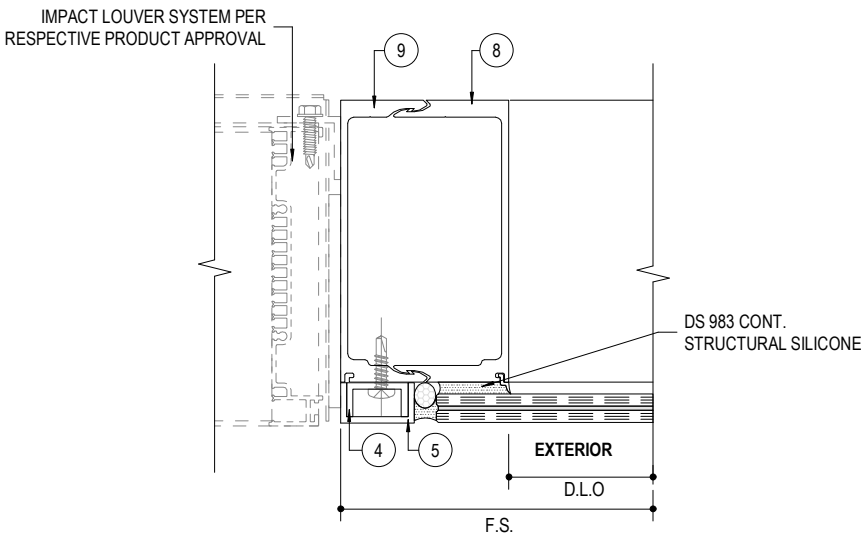
1 INTERMEDIATE SECTIONAL DETAIL

2 INTERMEDIATE MULLION DETAIL -STEEL REINFORCED

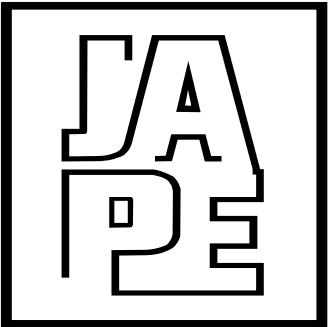
3 INTERMEDIATE MULLION DETAIL -ALUM. REINFORCED



4 ALTERNATIVE JAMB DETAIL



5 JAMB AT LOUVER DETAIL



JAVAD AHMAD PE, inc

7875 NW 12 Street, Suite 102  
Doral, FL 33126  
Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING  
ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

PRO-TECH 7SG ALUMINUM  
CURTAINWALL SYSTEM

CLIENT :

CRAWFORD TRACEY  
CORPORATION

3301 S.W. 13TH DR.,  
DEERFIELD BEACH, FL 33442  
(954) 698-6888

REVISION

| No. | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
|     |      |    |             |
|     |      |    |             |

Date: 06-15-2026

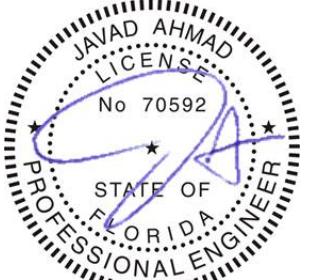
Scale: N/A

Drawn by: DK

Check by: PK

Drawing no. JA-1671-24

Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254

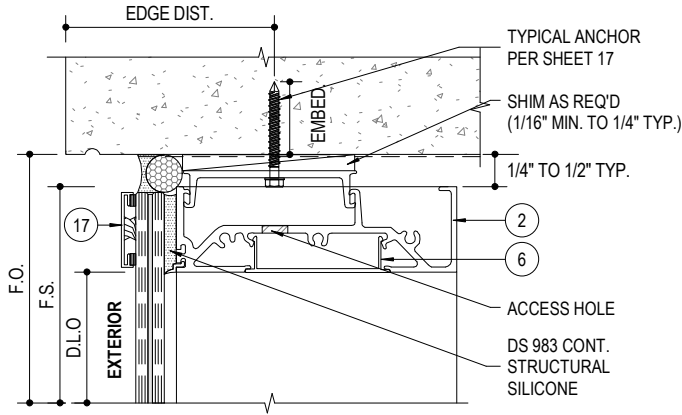


SEALED: 06-17-2026

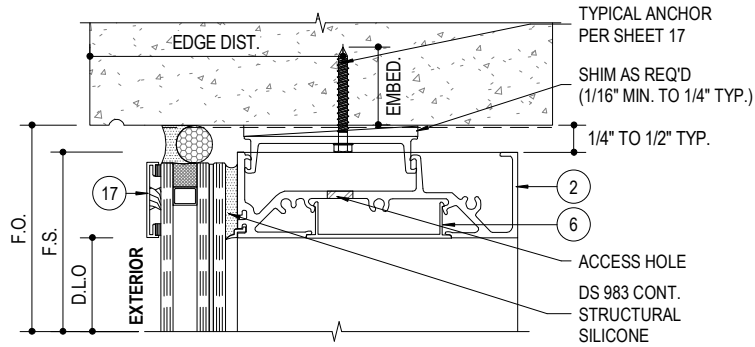
NOTE:  
• WHEN REINFORCEMENT LENGTH IS LIMITED BY SITE SPECIFIC CONDITIONS, ENGINEERING IS REQUIRED.

VERTICAL SECTION DETAILS

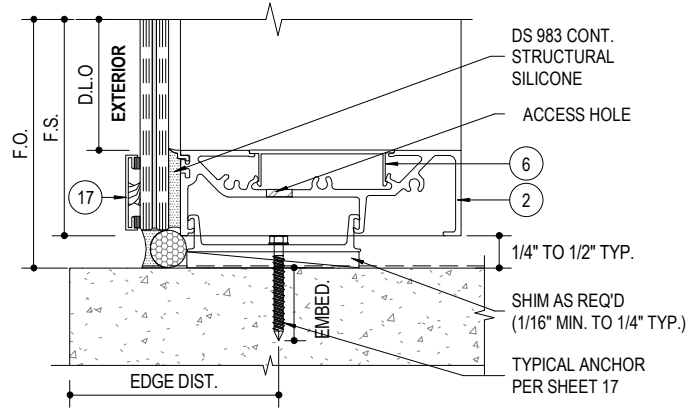
FL#29520.2



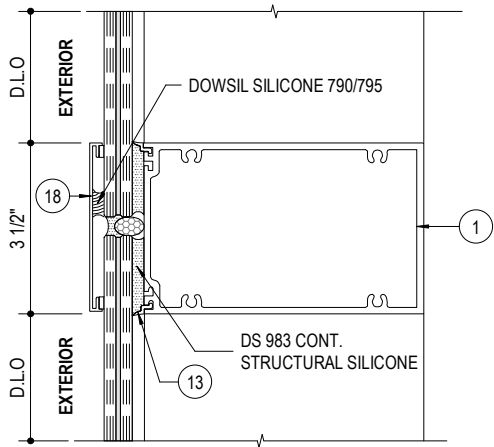
1 LAMINATED GLASS HEAD DETAIL



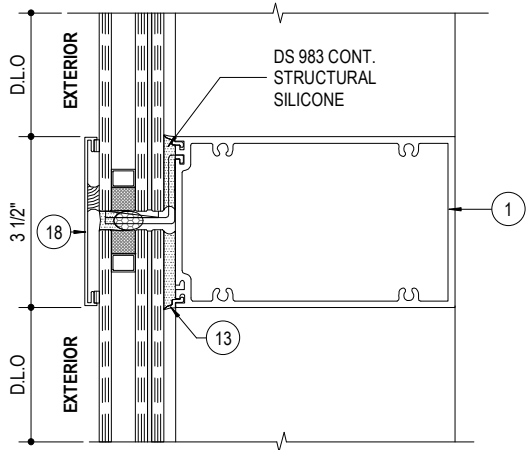
4 INSULATED GLASS HEAD DETAIL



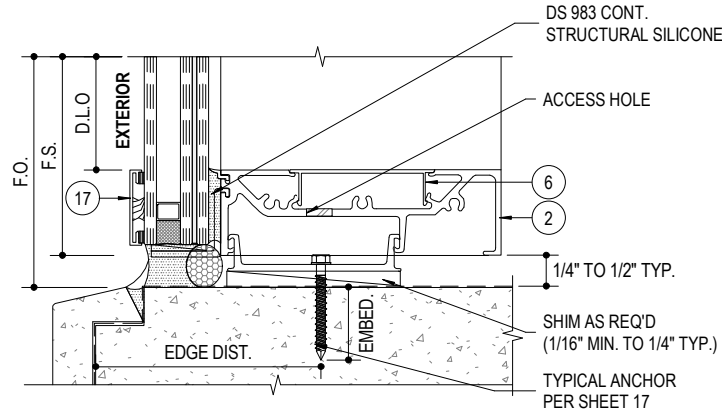
7 LAMINATED GLASS SILL DETAIL



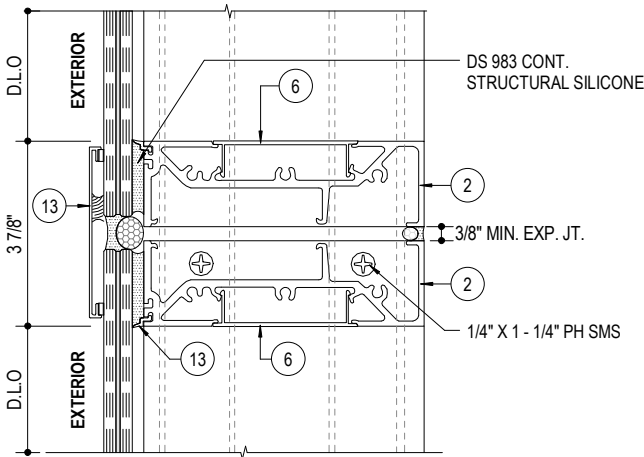
2 LAMINATED GLASS INTERMEDIATE DETAIL



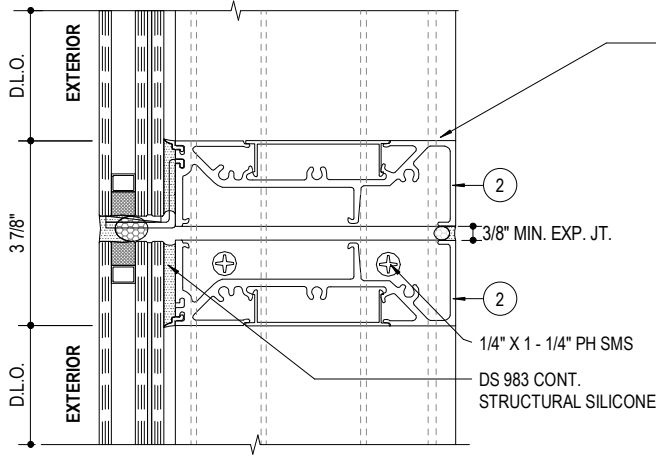
5 INSULATED GLASS INTERMEDIATE DETAIL



8 INSULATED GLASS SILL DETAIL

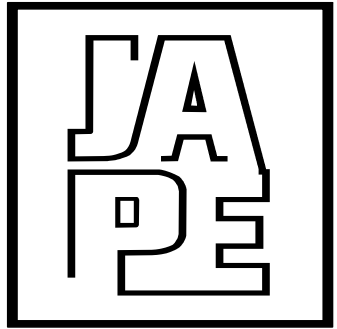


3 LAMINATED GLASS STACK JOINT DETAIL



6 INSULATED GLASS STACK JOINT DETAIL

| LIMIT MAX. DESIGN LOADS FOR THIS HORIZONTAL AS FOLLOWS |              |
|--------------------------------------------------------|--------------|
| HORIZONTAL SPAN MAX.                                   | DESIGN LOADS |
| 60"                                                    | 120 PSF      |
| 68"                                                    | 101.5 PSF    |
| 72"                                                    | 101.5 PSF    |
| 78"                                                    | 101.5 PSF    |
| 84"                                                    | 101.5 PSF    |
| 89-1/2"                                                | 101.5 PSF    |



JAVAD AHMAD PE, inc

7875 NW 12 Street, Suite 102  
Doral, FL 33126  
Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING  
ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

PRO-TECH 7SG ALUMINUM  
CURTAINWALL SYSTEM

CLIENT :

CRAWFORD TRACEY  
CORPORATION

3301 S.W. 13TH DR.,  
DEERFIELD BEACH, FL 33442  
(954) 698-6888

REVISION

| No. | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
|     |      |    |             |
|     |      |    |             |

Date: 06-15-2026

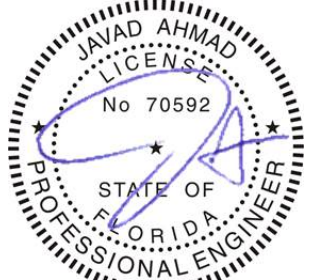
Scale: N/A

Drawn by: DK

Check by: PK

Drawing no. JA-1671-24

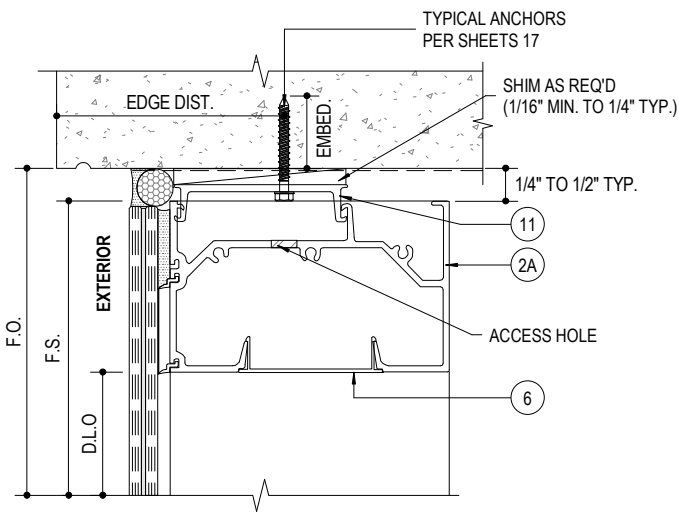
Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254



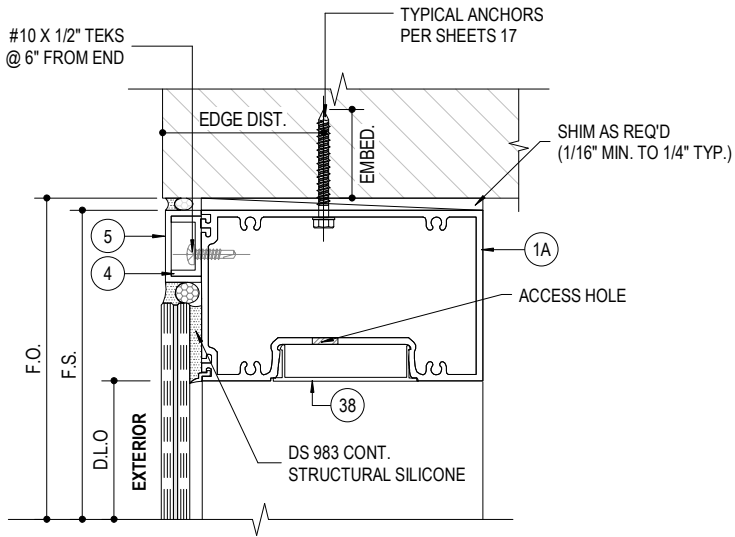
SEALED: 06-17-2026

VERTICAL SECTION DETAILS (CONT.)

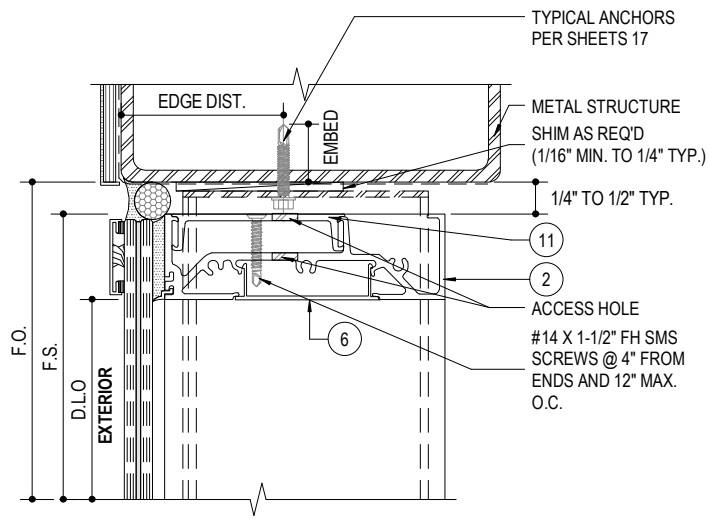
FL#29520.2



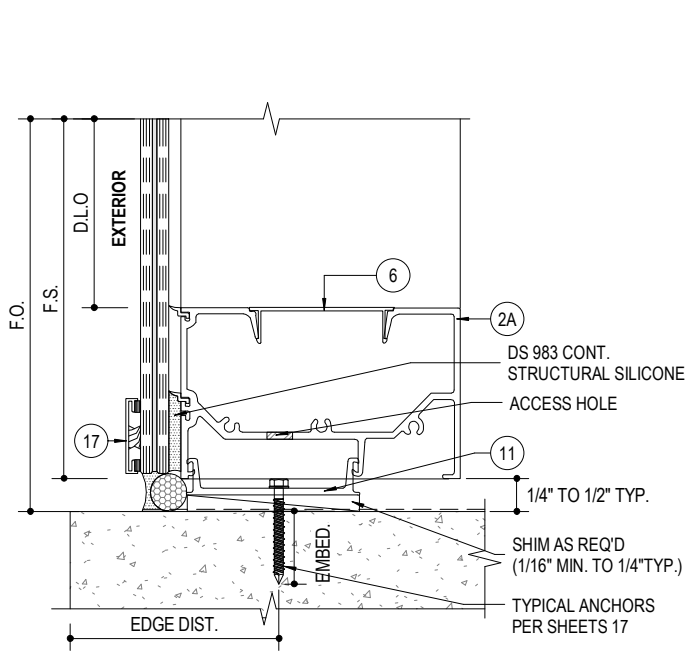
1 ALTERNATE HEAD DETAIL



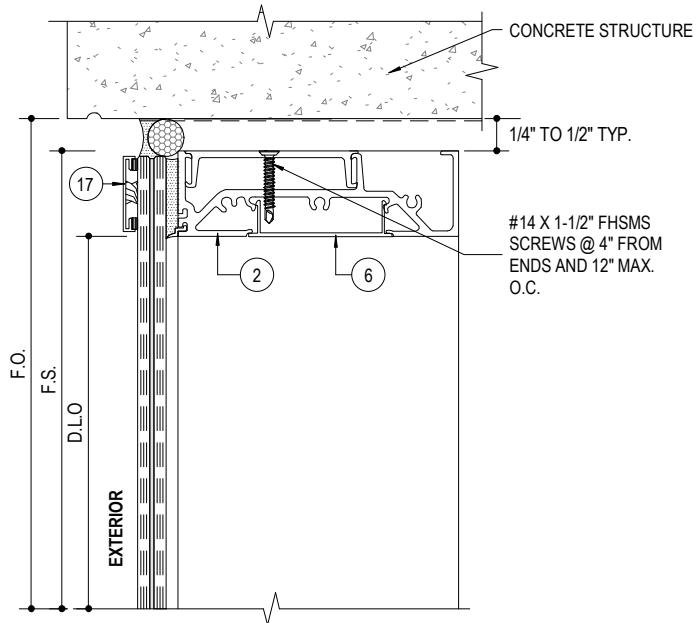
2 ALTERNATE HEAD DETAIL-2



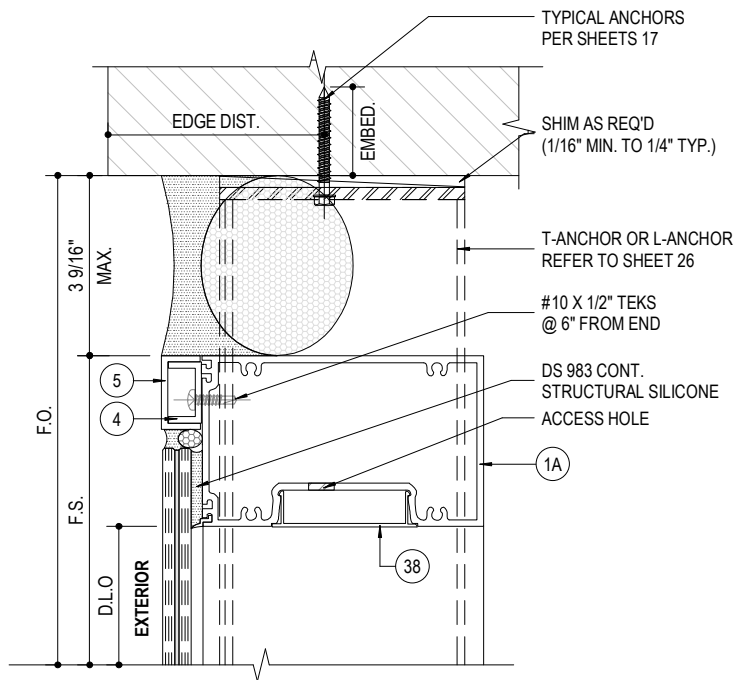
3 HEAD W/ T OR L- ANCHOR DETAIL



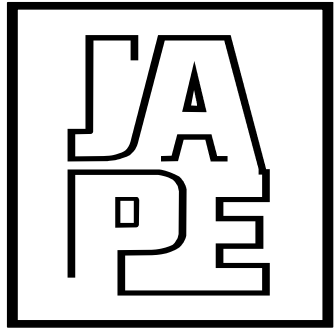
4 ALTERNATE SILL DETAIL



5 CANTILEVER HEAD DETAIL



6 ALTERNATE HEAD W/ T OR L- ANCHOR DETAIL



JAVAD AHMAD PE, inc

7875 NW 12 Street, Suite 102  
Doral, FL 33126

Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING  
ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

PRO-TECH 7SG ALUMINUM  
CURTAINWALL SYSTEM

CLIENT :

CRAWFORD TRACEY  
CORPORATION

3301 S.W. 13TH DR.,  
DEERFIELD BEACH, FL 33442  
(954) 698-6888

REVISION

| No. | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
|     |      |    |             |
|     |      |    |             |

Date: 06-15-2026

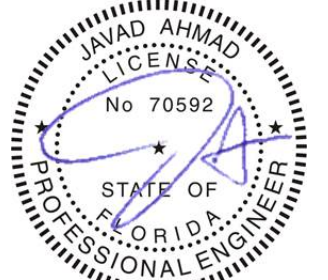
Scale: N/A

Drawn by: DK

Check by: PK

Drawing no. JA-1671-24

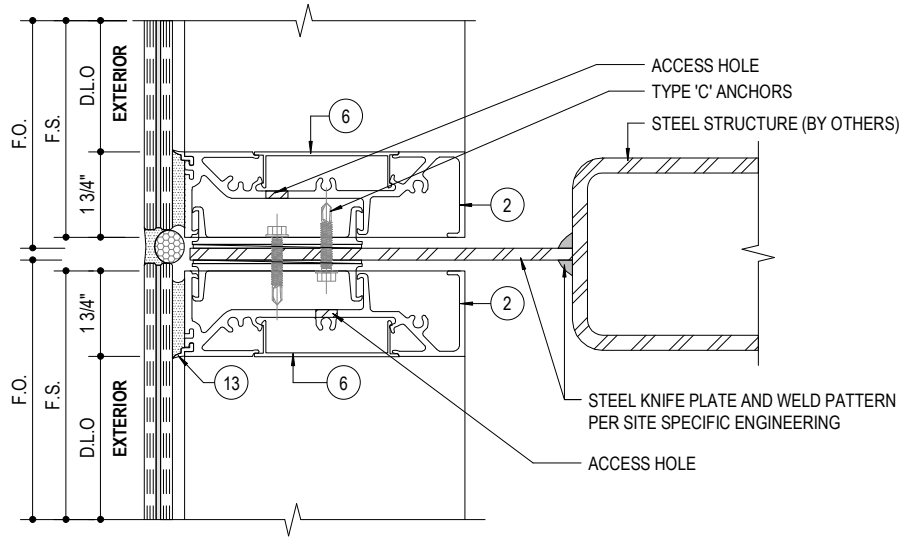
Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254



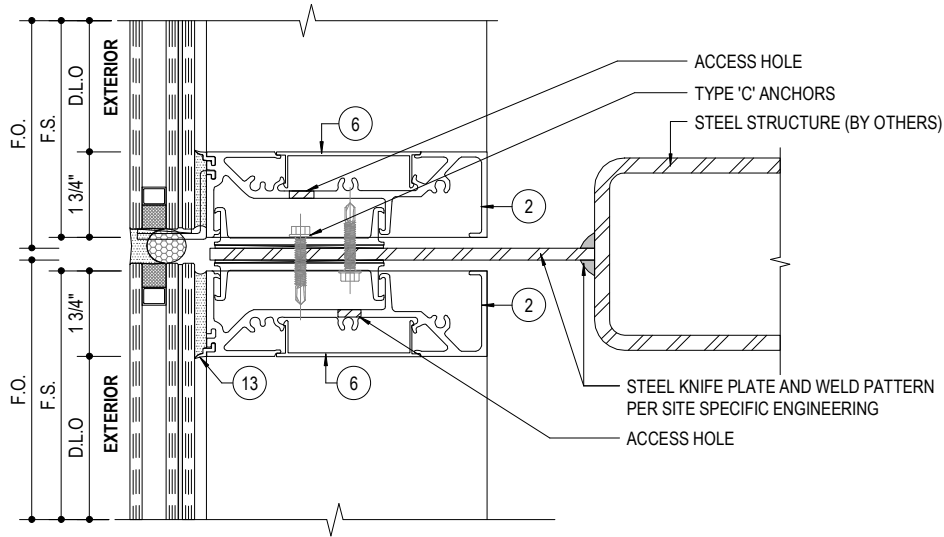
SEALED: 06-17-2026

VERTICAL SECTION DETAILS (CONT.)

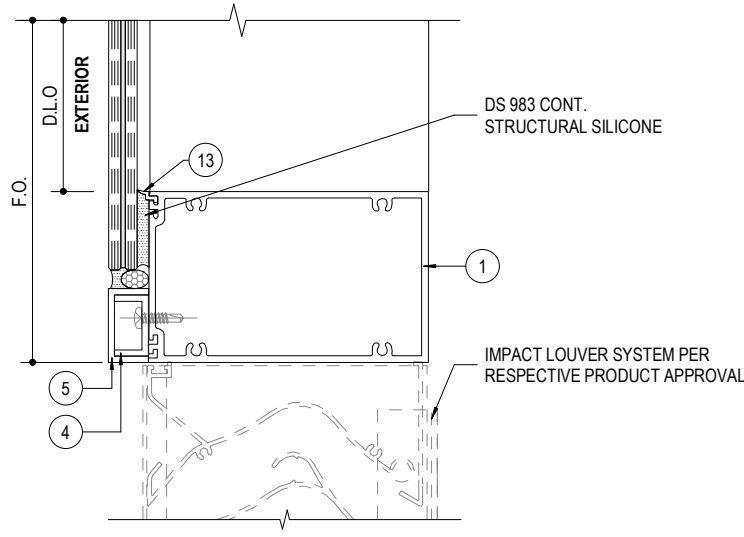
FL#29520.2



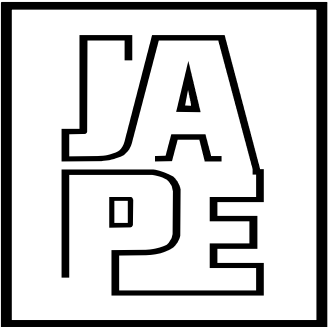
1 LAMINATED GLASS KNIFE PLATE DETAIL



2 INSUL. LAMI. GLASS KNIFE PLATE DETAIL



3 LOUVER HEAD DETAIL



JAVAD AHMAD PE, inc

7875 NW 12 Street, Suite 102  
Doral, FL 33126  
Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING  
ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

PRO-TECH 7SG ALUMINUM  
CURTAINWALL SYSTEM

CLIENT :

CRAWFORD TRACEY  
CORPORATION

3301 S.W. 13TH DR.,  
DEERFIELD BEACH, FL 33442  
(954) 698-6888

REVISION

| No. | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
|     |      |    |             |
|     |      |    |             |

Date: 06-15-2026

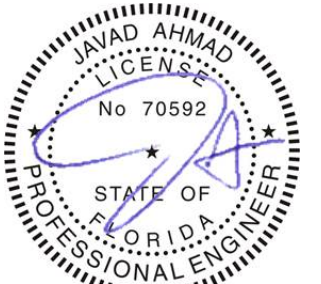
Scale: N/A

Drawn by: DK

Check by: PK

Drawing no. JA-1671-24

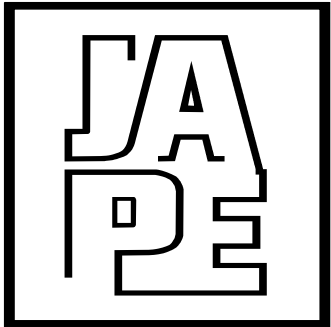
Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254



SEALED: 06-17-2026

CORNER MULLION DETAILS

FL#29520.2



JAVAD AHMAD PE, inc

7875 NW 12 Street, Suite 102  
Doral, FL 33126

Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING  
ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

PRO-TECH 7SG ALUMINUM  
CURTAINWALL SYSTEM

CLIENT :

CRAWFORD TRACEY  
CORPORATION

3301 S.W. 13TH DR.,  
DEERFIELD BEACH, FL 33442  
(954) 698-6888

REVISION

| No. | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
|     |      |    |             |
|     |      |    |             |

Date: 06-15-2026

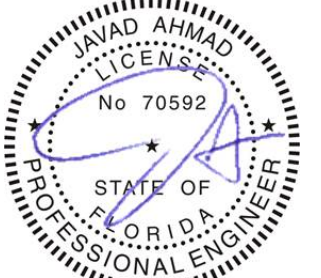
Scale: N/A

Drawn by: DK

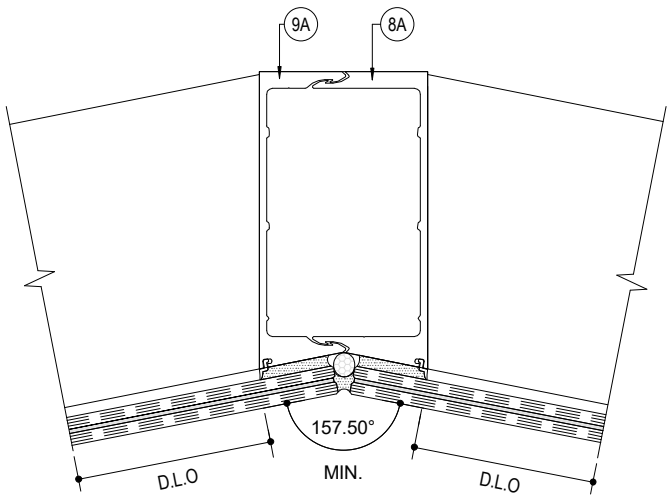
Check by: PK

Drawing no. JA-1671-24

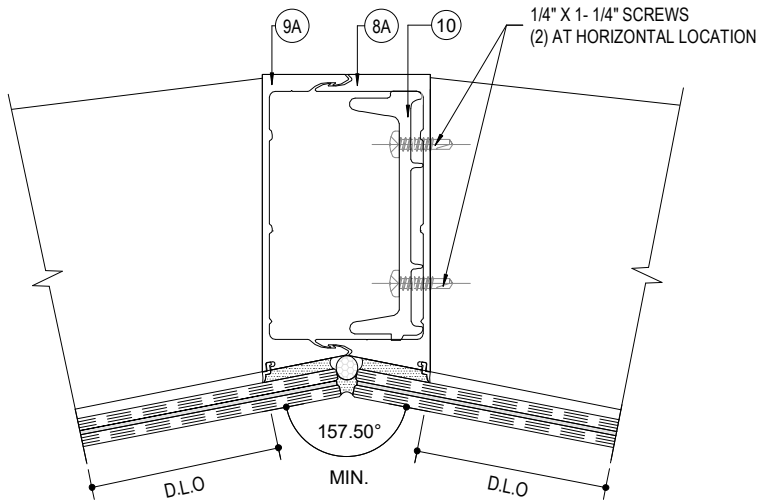
Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254



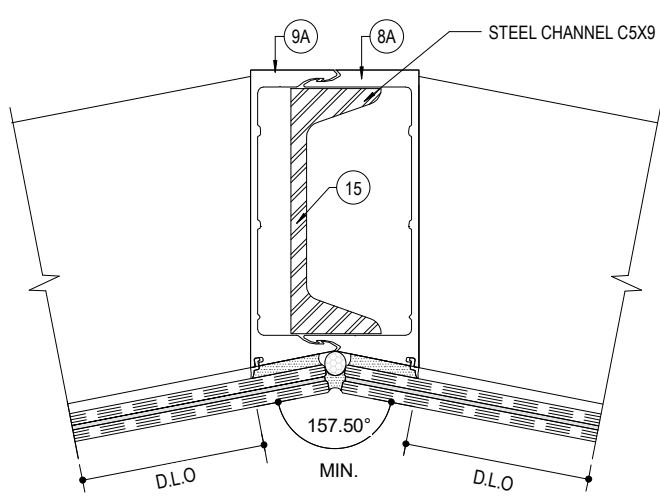
SEALED: 06-17-2026



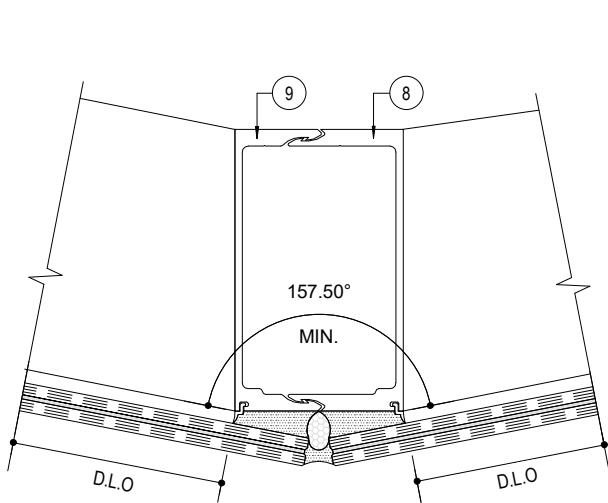
1 CORNER UNREINFORCED MULLION DETAIL



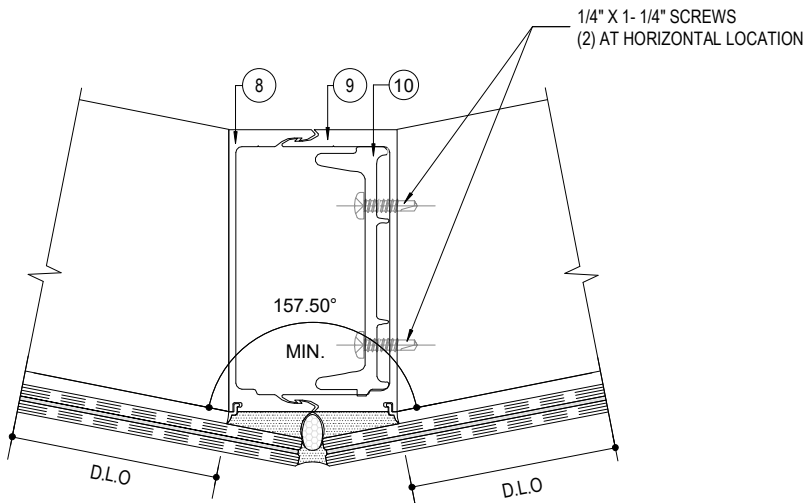
2 CORNER ALUMINUM REINFORCED MULLION DETAIL



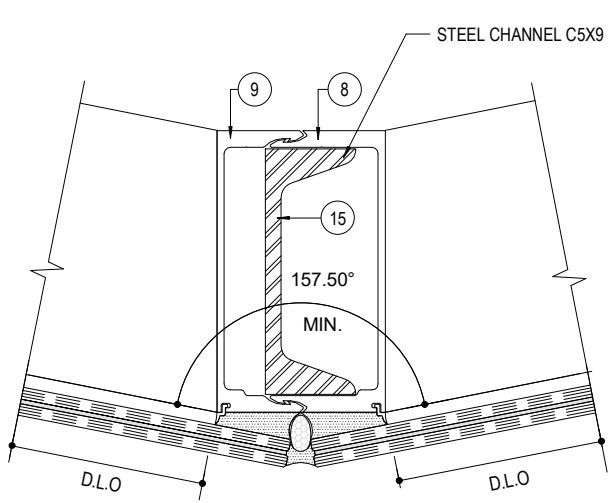
3 CORNER STEEL REINFORCED MULLION DETAIL



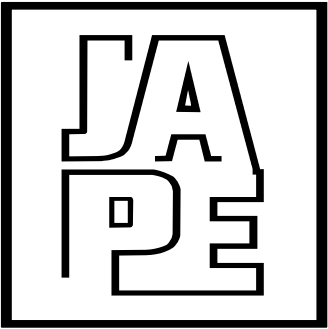
4 CORNER UNREINFORCED MULLION DETAIL-A



5 CORNER ALUMINUM REINFORCED MULLION DETAIL-A



6 CORNER STEEL REINFORCED MULLION DETAIL-A



JAVAD AHMAD PE, inc

7875 NW 12 Street, Suite 102  
Doral, FL 33126

Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING  
ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

PRO-TECH 7SG ALUMINUM  
CURTAINWALL SYSTEM

CLIENT :

CRAWFORD TRACEY  
CORPORATION

3301 S.W. 13TH DR.,  
DEERFIELD BEACH, FL 33442  
(954) 698-6888

REVISION

| No. | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
|     |      |    |             |
|     |      |    |             |

Date: 06-15-2026

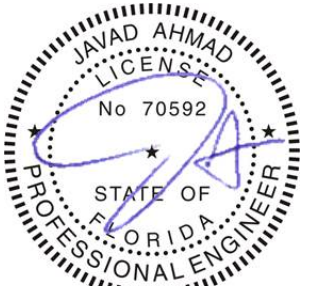
Scale: N/A

Drawn by: DK

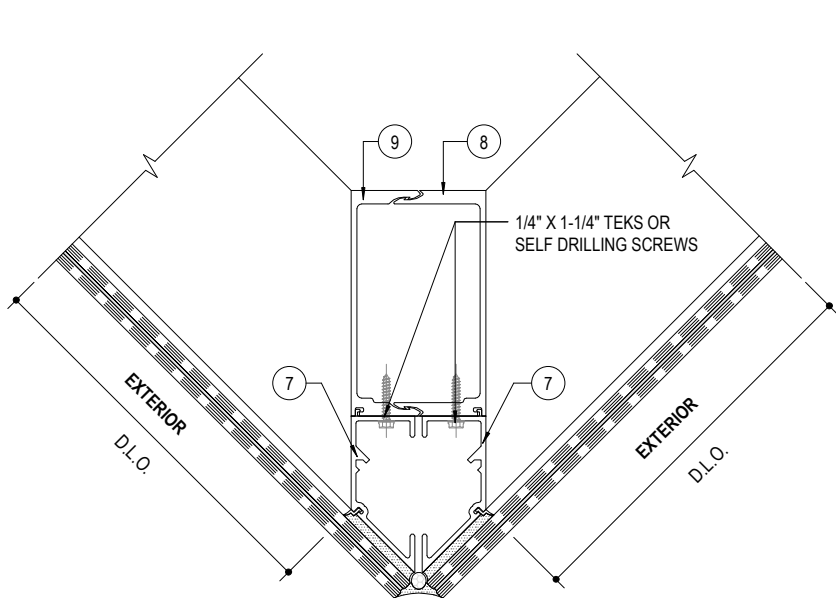
Check by: PK

Drawing no. JA-1671-24

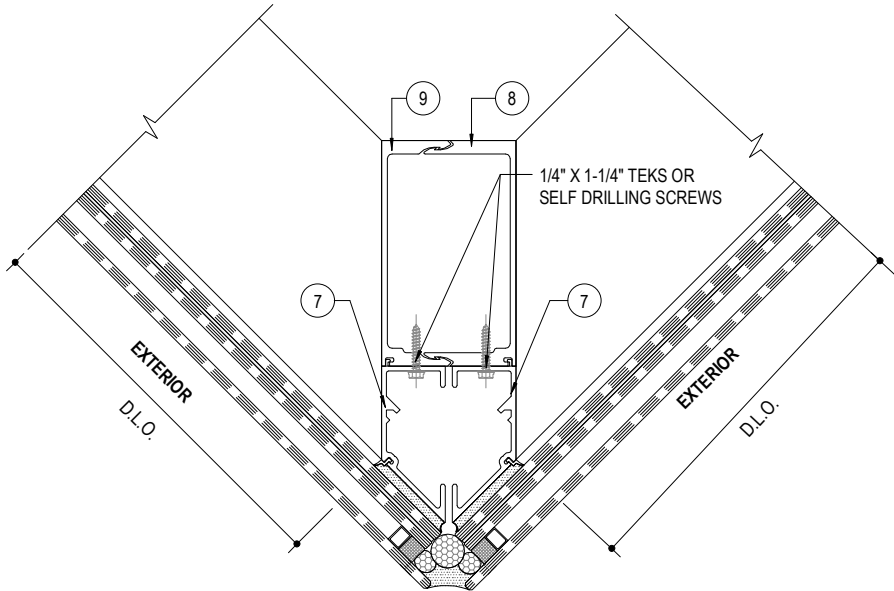
Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254



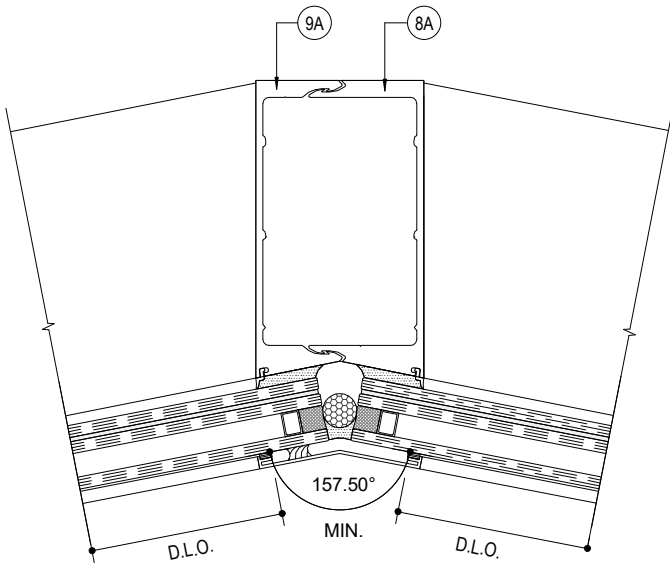
SEALED: 06-17-2026



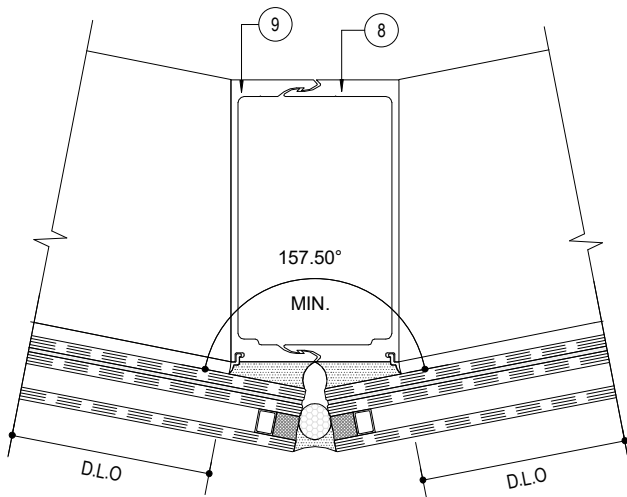
1 LAMINATED GLASS CORNER MULLION DETAIL



2 INSUL. LAMI. GLASS CORNER MULLION DETAIL



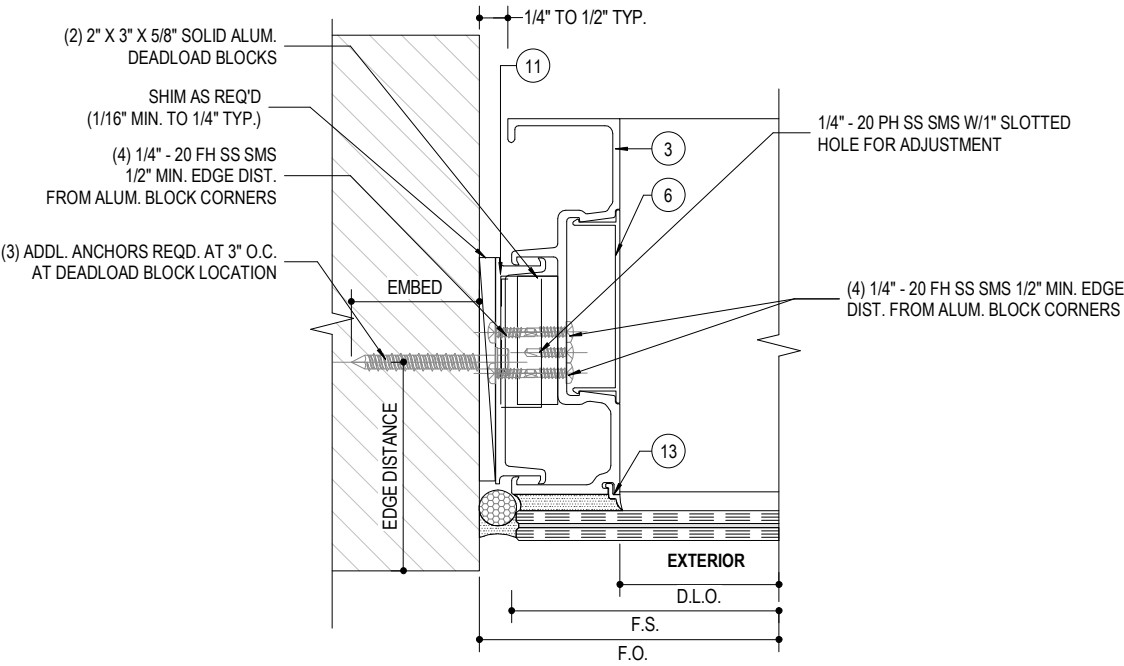
3 INSUL. LAMI. GLASS CORNER DETAIL



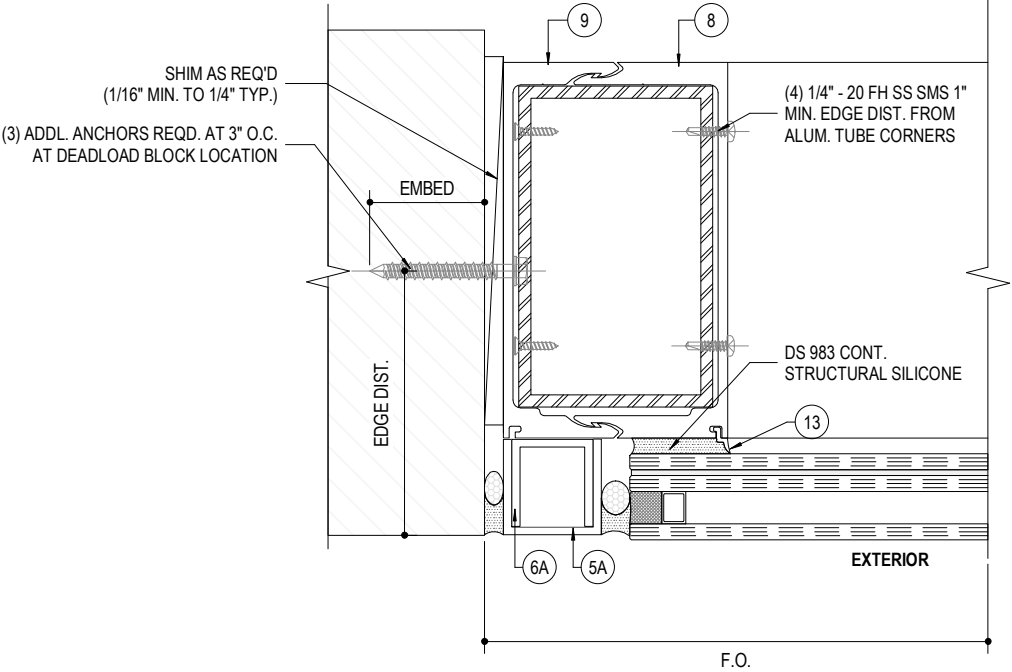
4 INSUL. LAMI. GLASS CORNER DETAIL

DEAD BLOCK DETAILS

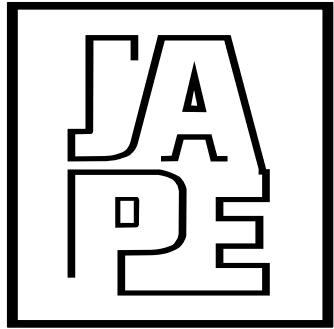
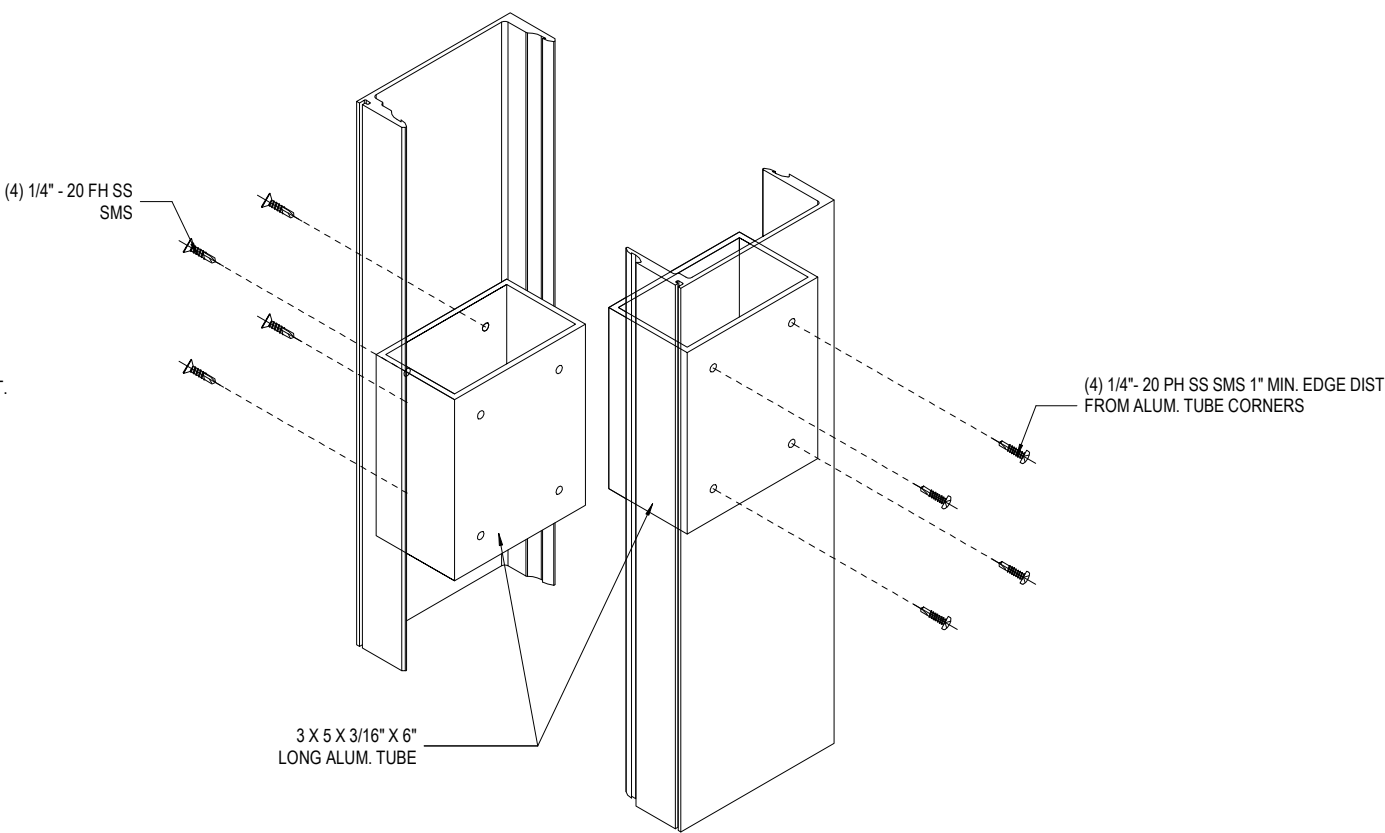
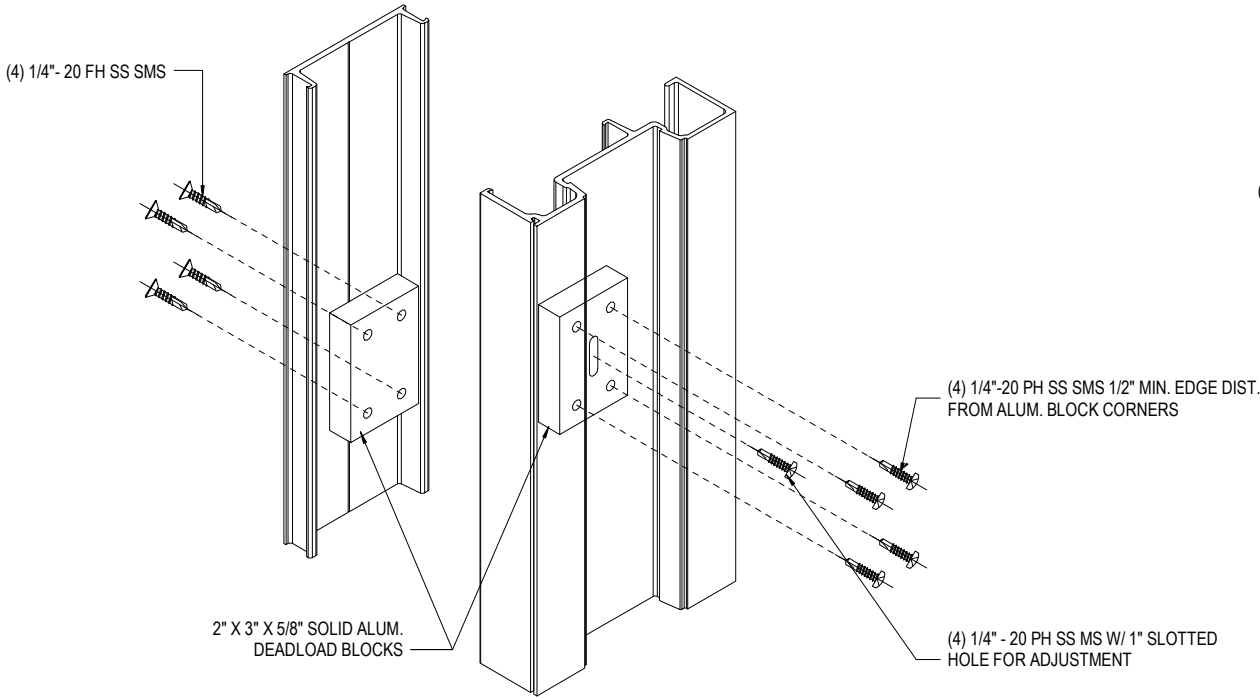
FL#29520.2



1 TYPICAL DEAD LOAD BLOCK AT JAMB DETAIL



2 DEAD LOAD BLOCK AT ANCHORED MULLION DETAIL



JAVAD AHMAD PE, inc

7875 NW 12 Street, Suite 102  
Doral, FL 33126  
Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING  
ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

PRO-TECH 7SG ALUMINUM  
CURTAINWALL SYSTEM

CLIENT :

CRAWFORD TRACEY  
CORPORATION

3301 S.W. 13TH DR.,  
DEERFIELD BEACH, FL 33442  
(954) 698-6888

REVISION

| No. | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
|     |      |    |             |
|     |      |    |             |

Date: 06-15-2026

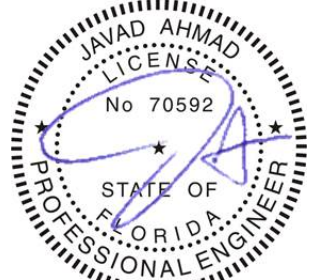
Scale: N/A

Drawn by: DK

Check by: PK

Drawing no. JA-1671-24

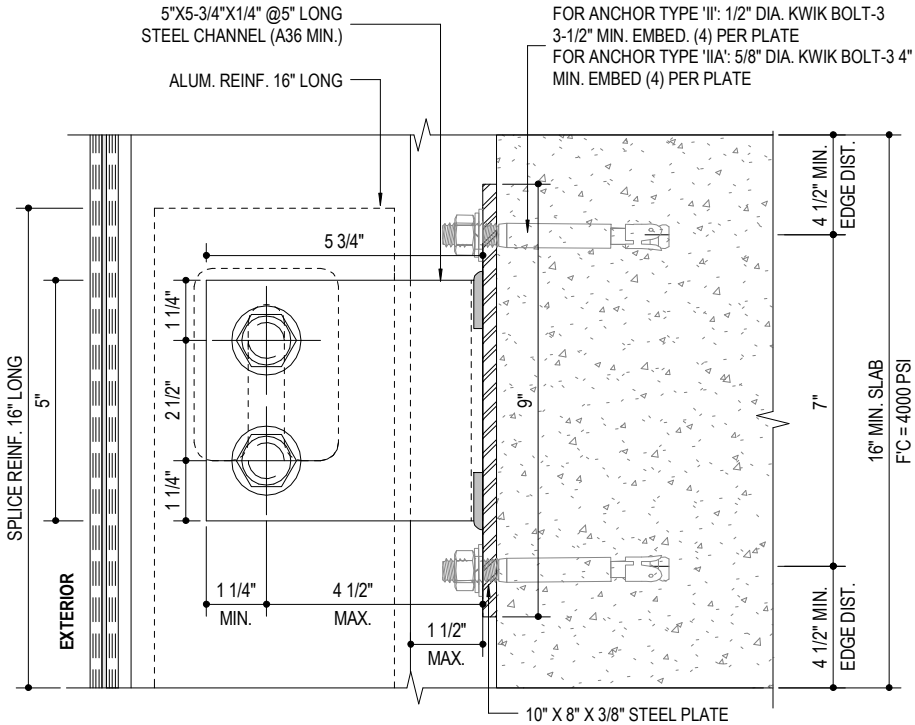
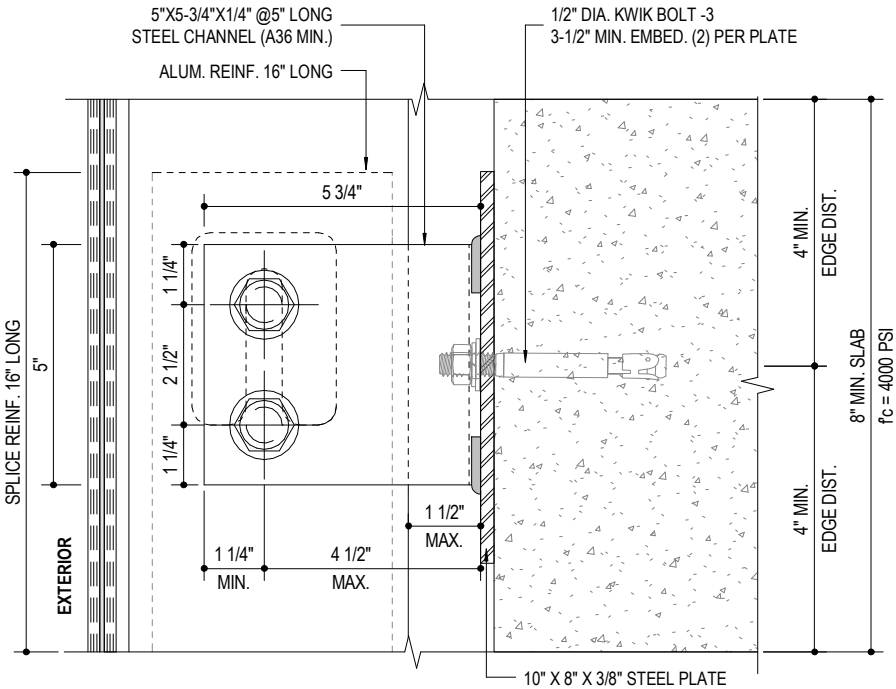
Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254



SEALED: 06-17-2026

DEAD LOAD / WIND LOAD INTERMEDIATE ANCHOR DETAILS

FL#29520.2



| ANCHOR CLIP MAX. LOADS |          |           |            |
|------------------------|----------|-----------|------------|
|                        | TYPE 'I' | TYPE 'II' | TYPE 'IIA' |
| MAX. WINDLOAD          | 2250 LBS | 5500 LBS  | 7500 LBS   |
| MAX. DEAD LOAD         | 700 LBS  | 1050 LBS  | 1050 LBS   |

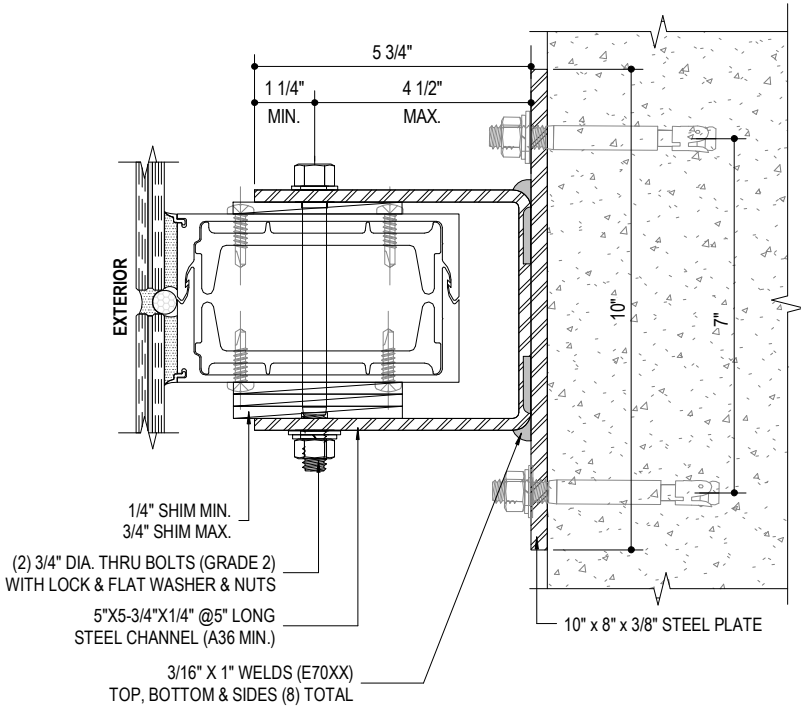
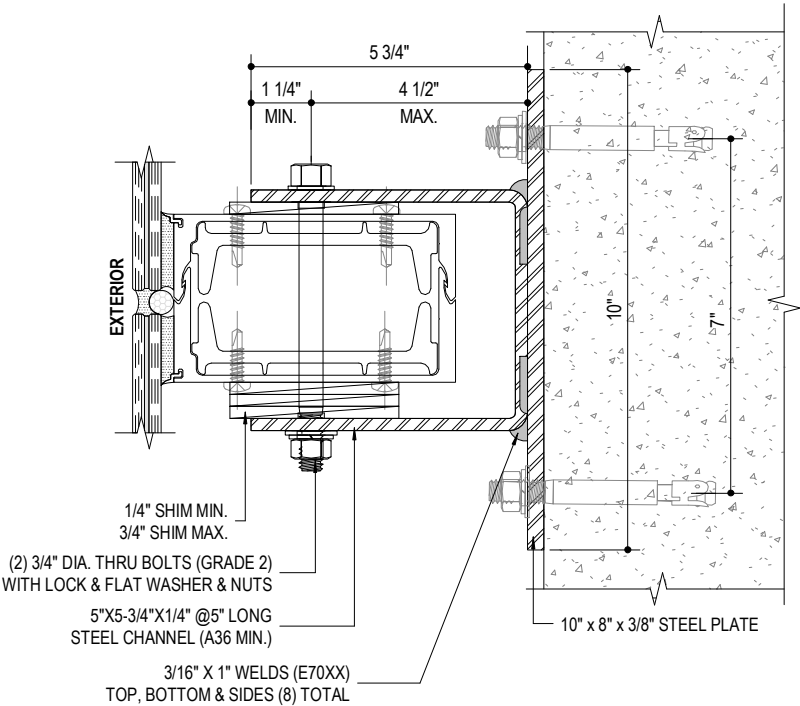
CONCRETE STRUCTURES MUST HAVE A MIN. COMPRESSIVE STRENGTH OF 4000 PSI

**NOTES:**

- IF HIGHER CONNECTION CAPACITIES ARE NEEDED, THEN APPROPRIATE ANCHORING SHALL BE DETERMINED PER SITE SPECIFIC ENGINEERING BY A LICENSED PROFESSIONAL ENGINEER.
- IF A LARGER CLEARANCE FROM BACK OF MULLION TO FACE OF SUBSTRATE IS REQUIRED, THEN THE MID ANCHOR CONNECITON SHALL BE DESIGNED PER SITE SPECIFIC CONDITIONS AND SHALL BE APPROVED BY A LICENSED PROFESSIONAL ENGINEER.

1 ANCHOR CLIP TYPE 'I' VERTICAL DETAIL

3 ANCHOR CLIP TYPE 'II' & 'IIA' VERTICAL DETAIL

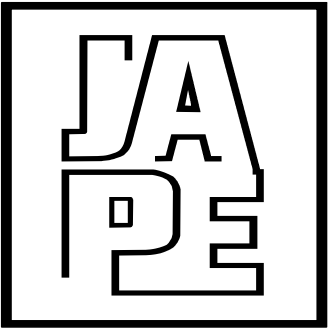


2 ANCHOR CLIP TYPE 'I' HORIZONTAL DETAIL

5 ANCHOR CLIP TYPE 'II' & 'IIA' HORIZONTAL DETAIL

COMBINED WELD CAPACITY

| MAX. COMBINED DESIGN LOADS FOR WELDED CONNECTION SHOWN |                   |
|--------------------------------------------------------|-------------------|
| DEAD LOAD                                              | WIND/TENSION LOAD |
| 1500 LBS                                               | 10000 LBS         |



JAVAD AHMAD PE, inc

7875 NW 12 Street, Suite 102  
Doral, FL 33126  
Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

PRO-TECH 7SG ALUMINUM CURTAINWALL SYSTEM

CLIENT :

CRAWFORD TRACEY CORPORATION

3301 S.W. 13TH DR.,  
DEERFIELD BEACH, FL 33442  
(954) 698-6888

REVISION

| No. | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
|     |      |    |             |
|     |      |    |             |

Date: 06-15-2026

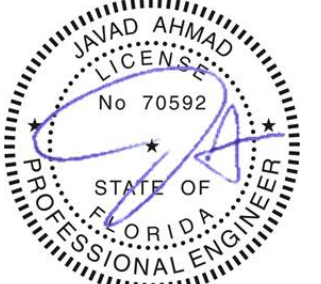
Scale: N/A

Drawn by: DK

Check by: PK

Drawing no. JA-1671-24

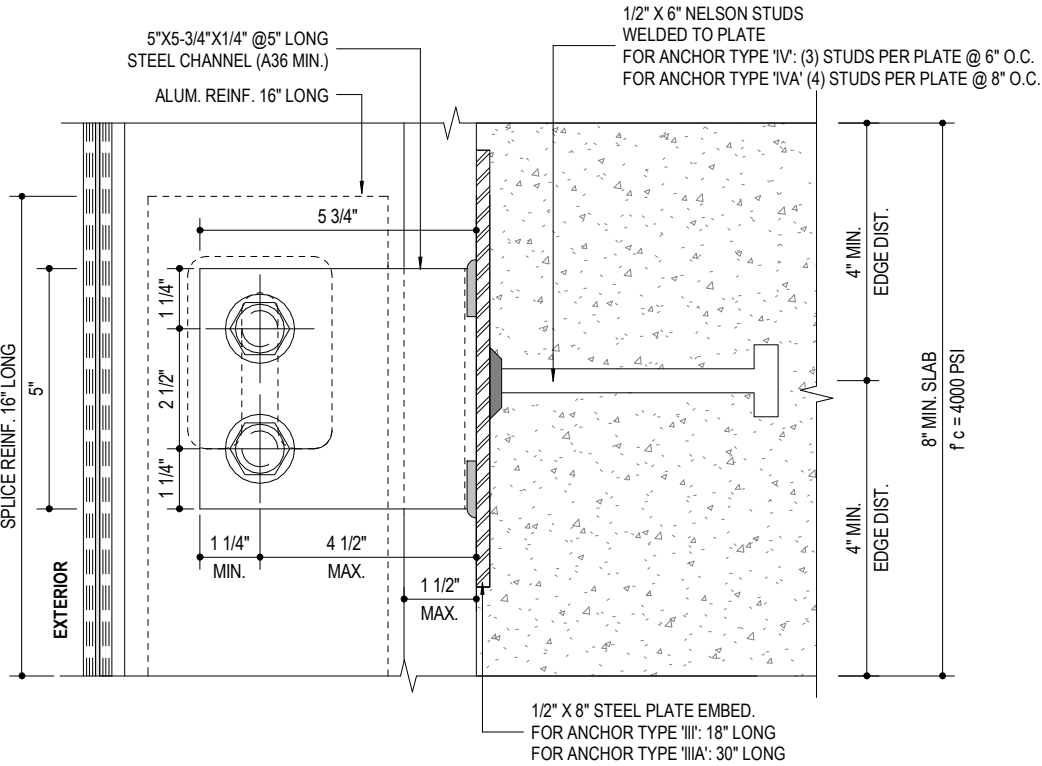
Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254



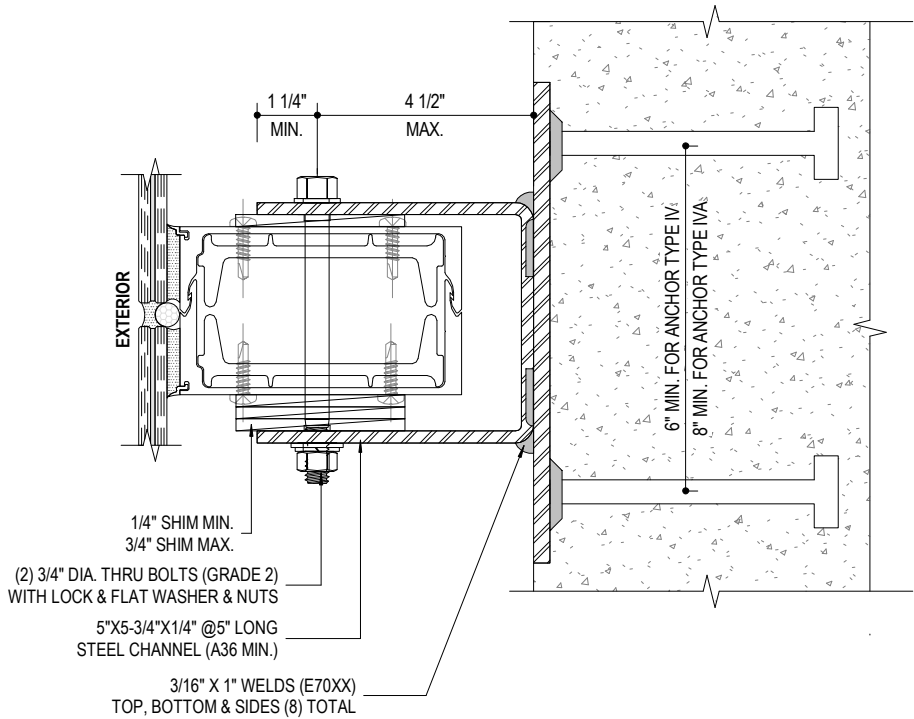
SEALED: 06-17-2026

DEAD LOAD / WIND LOAD INTERMEDIATE ANCHOR DETAILS (CONT.)

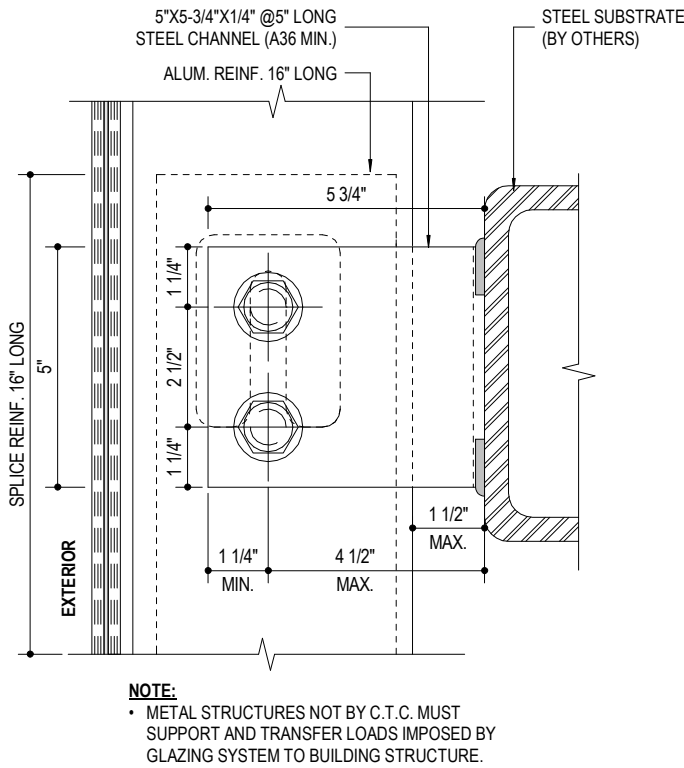
FL#29520.2



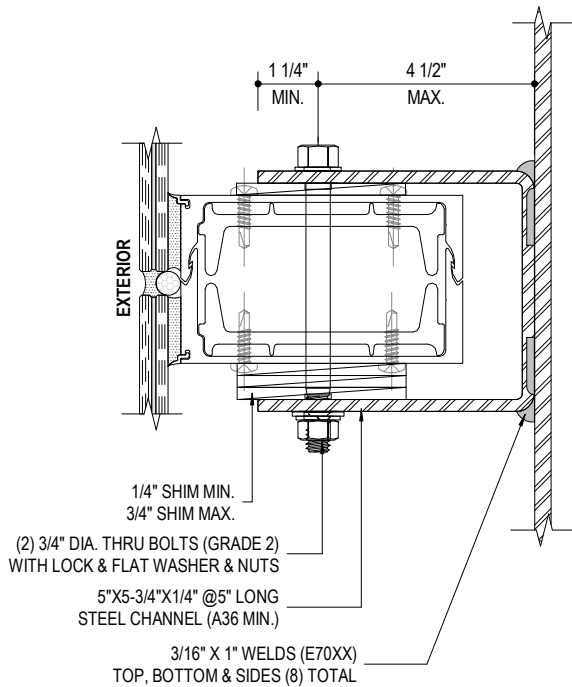
1 ANCHOR CLIP TYPE 'IV' & 'IVA' VERTICAL DETAIL



2 ANCHOR CLIP TYPE 'IV' & 'IVA' HORIZONTAL DETAIL



3 ANCHOR CLIP TYPE 'III' VERTICAL DETAIL



**NOTE:**

- METAL STRUCTURES NOT BY C.T.C. MUST SUPPORT AND TRANSFER LOADS IMPOSED BY GLAZING SYSTEM TO BUILDING STRUCTURE.

4 ANCHOR CLIP TYPE 'III' HORIZONTAL DETAIL

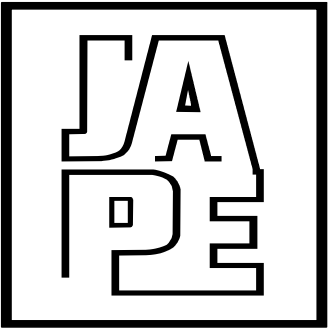
| ANCHOR CLIP MAX. LOADS |           |            |            |
|------------------------|-----------|------------|------------|
|                        | TYPE 'IV' | TYPE 'IVA' | TYPE 'III' |
| MAX. WINDLOAD          | 6000 LBS  | 8406 LBS   | 8400 LBS   |
| MAX. DEAD LOAD         | 1040 LBS  | 1040 LBS   | 1050 LBS   |

CONCRETE STRUCTURES MUST HAVE A MIN. COMPRESSIVE STRENGTH OF 4000 PSI

- NOTES:**
- IF HIGHER CONNECTION CAPACITIES ARE NEEDED, THEN APPROPRIATE ANCHORING SHALL BE DETERMINED PER SITE SPECIFIC ENGINEERING BY A LICENSED PROFESSIONAL ENGINEER.
  - IF A LARGER CLEARANCE FROM BACK OF MULLION TO FACE OF SUBSTRATE IS REQUIRED, THEN THE MID ANCHOR CONNECITON SHALL BE DESIGNED PER SITE SPECIFIC CONDITIONS AND SHALL BE APPROVED BY A LICENSED PROFESSIONAL ENGINEER.

| MAX. COMBINED DESIGN LOADS FOR WELDED CONNECTION SHOWN |                   |
|--------------------------------------------------------|-------------------|
| DEAD LOAD                                              | WIND/TENSION LOAD |
| 1500 LBS                                               | 10000 LBS         |

COMBINED WELD CAPACITY



JAVAD AHMAD PE, inc

7875 NW 12 Street, Suite 102  
Doral, FL 33126  
Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING  
ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

PRO-TECH 7SG ALUMINUM  
CURTAINWALL SYSTEM

CLIENT :

CRAWFORD TRACEY  
CORPORATION

3301 S.W. 13TH DR.,  
DEERFIELD BEACH, FL 33442  
(954) 698-6888

REVISION

| No. | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
|     |      |    |             |
|     |      |    |             |

Date: 06-15-2026

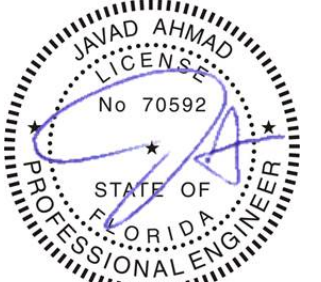
Scale: N/A

Drawn by: DK

Check by: PK

Drawing no. JA-1671-24

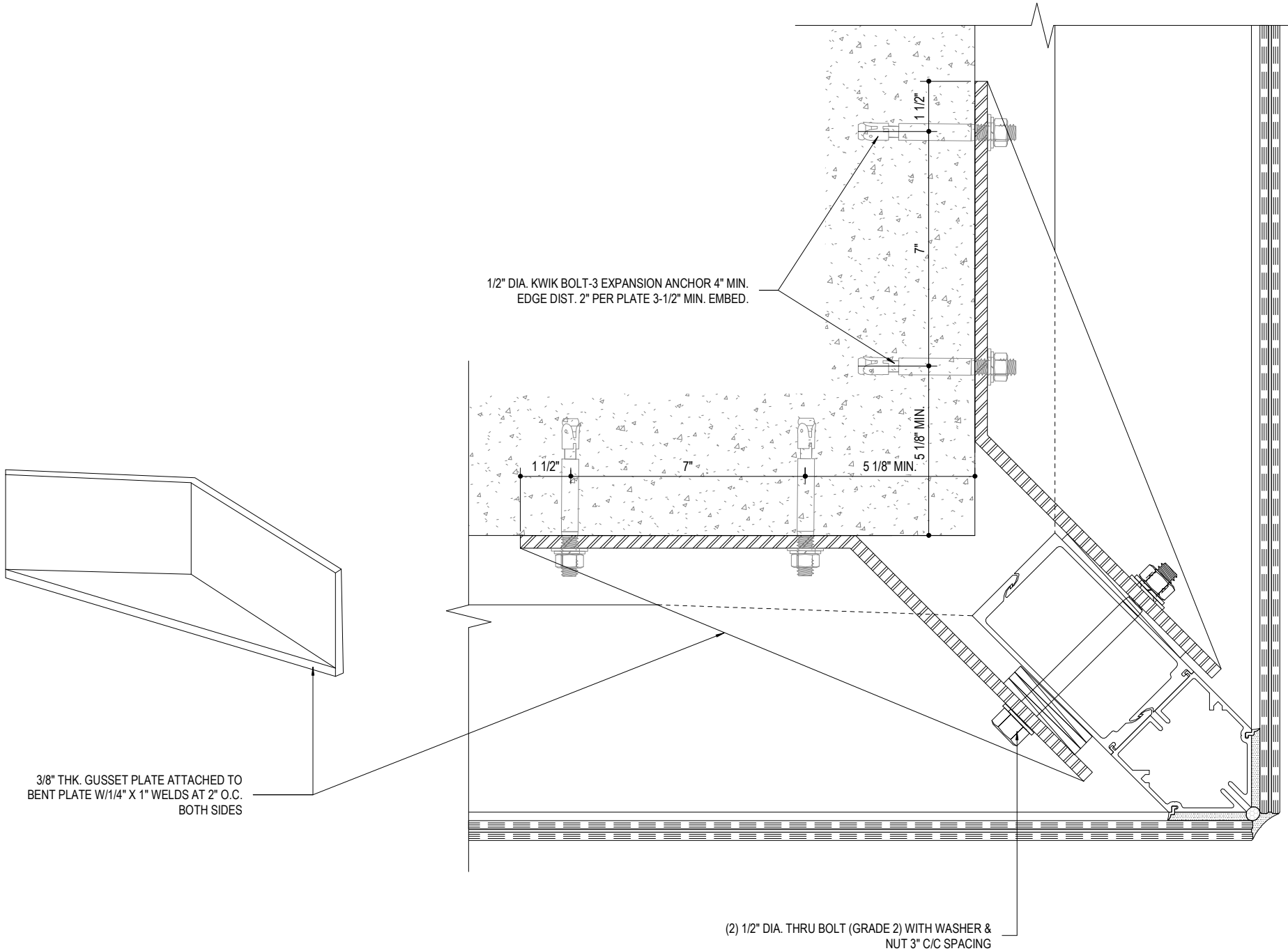
Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254



SEALED: 06-17-2026

DEAD LOAD / WIND LOAD INTERMEDIATE ANCHOR DETAILS (CONT.)

FL#29520.2

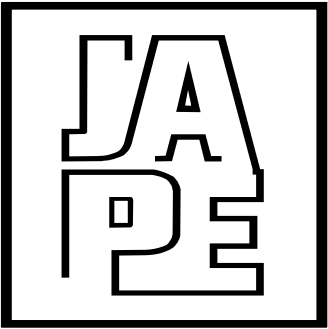


1 CORNER ANCHOR CLIP HORIZONTAL DETAIL

**NOTE:**  
• FOR SLABS LESS THAN 8 INCHES IN THICKNESS ANCHORS TO BE DESIGNED ON JOB TO JOB BASIS. THE DESIGN TO BE REVIEWED BY AUTHORITY HAVING JURISDICTION.

| ANCHOR CLIP MAX. LOADS |          |          |          |
|------------------------|----------|----------|----------|
| CONCRETE THICKNESS     | 12" THK. | 14" THK. | 16" THK. |
| MAX. WINDLOAD          | 3000 LBS | 3750 LBS | 3975 LBS |
| MAX. DEAD LOAD         | 1500 LBS | 1500 LBS | 1500 LBS |

CONCRETE STRUCTURES MUST HAVE A MIN.COMPRESSIVE STRENGTH OF 3000 PSI



JAVAD AHMAD PE, inc

7875 NW 12 Street, Suite 102  
Doral, FL 33126  
Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING  
ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

PRO-TECH 7SG ALUMINUM  
CURTAINWALL SYSTEM

CLIENT :

CRAWFORD TRACEY  
CORPORATION

3301 S.W. 13TH DR.,  
DEERFIELD BEACH, FL 33442  
(954) 698-6888

REVISION

| No. | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
|     |      |    |             |
|     |      |    |             |

Date: 06-15-2026

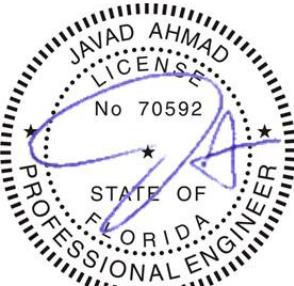
Scale: N/A

Drawn by: DK

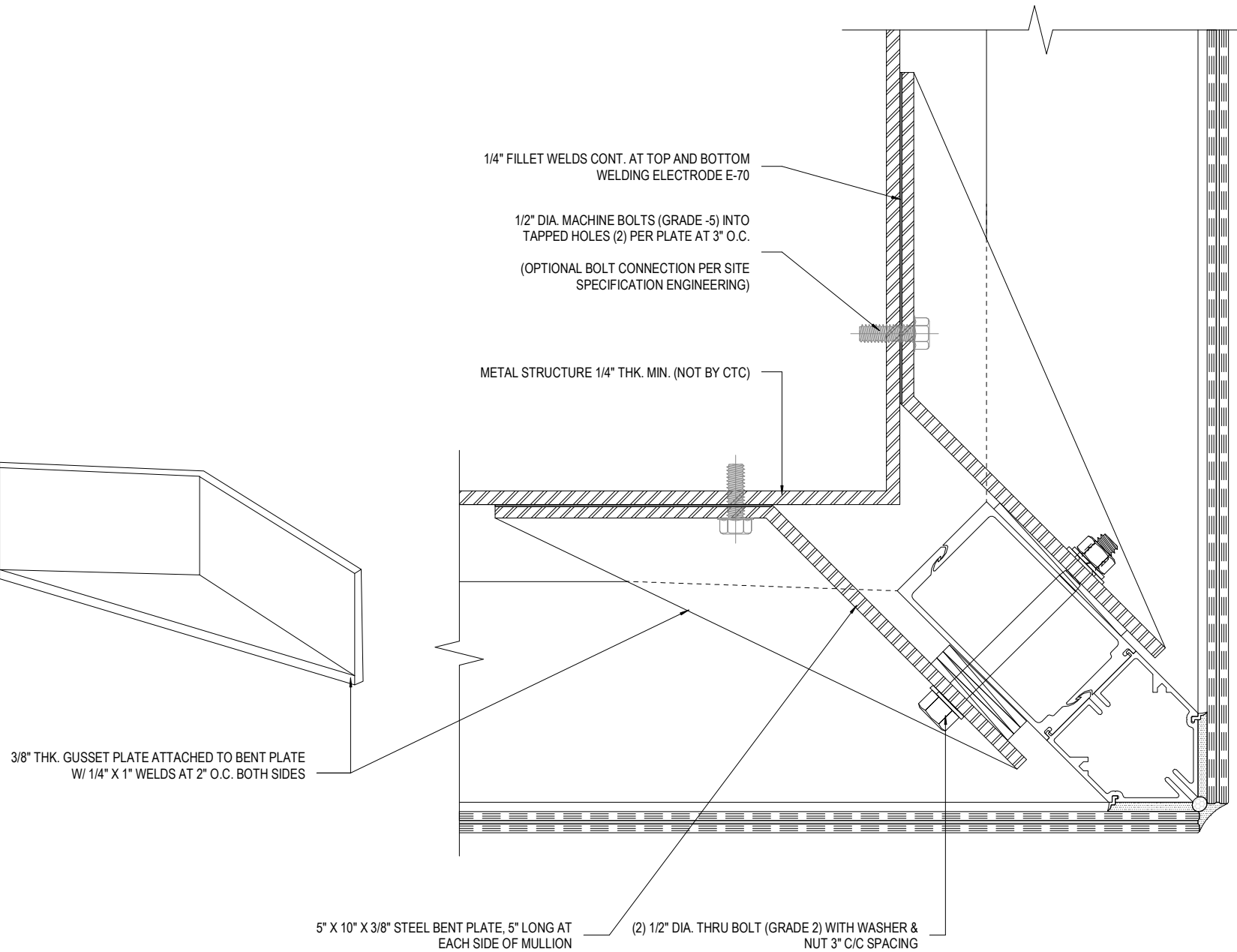
Check by: PK

Drawing no. JA-1671-24

Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254



SEALED: 06-17-2026

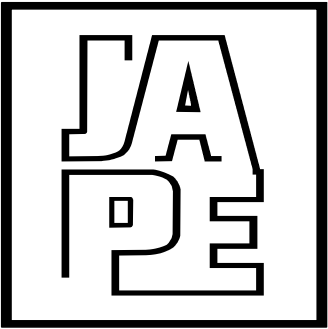


1 CORNER ANCHOR CLIP HORIZONTAL DETAIL-1

| ANCHOR CLIP MAX. LOADS |          |
|------------------------|----------|
| MAX. WINDLOAD          | 2969 LBS |
| MAX. DEAD LOAD         | 1500 LBS |

**NOTE:**

- ALL WELDS = 1/4" FILLET WELDING ELECTRODE E - 70 EMBEDDED STEEL STUD IS NOT PART OF THIS APPROVAL.
- ALL ANGLES AND PLATES TO BE A-36 STEEL Fy = 36 KSI MIN.
- CONCRETE STRUCTURES MUST HAVE A MIN. COMPRESSIVE STRENGTH OF 3000 PSI



**JAVAD AHMAD PE, inc**

7875 NW 12 Street, Suite 102  
Doral, FL 33126  
Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING  
ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

PRO-TECH 7SG ALUMINUM  
CURTAINWALL SYSTEM

CLIENT :

CRAWFORD TRACEY  
CORPORATION

3301 S.W. 13TH DR.,  
DEERFIELD BEACH, FL 33442  
(954) 698-6888

REVISION

| No. | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
|     |      |    |             |
|     |      |    |             |

Date: 06-15-2026

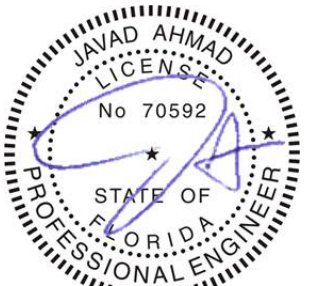
Scale: N/A

Drawn by: DK

Check by: PK

Drawing no. JA-1671-24

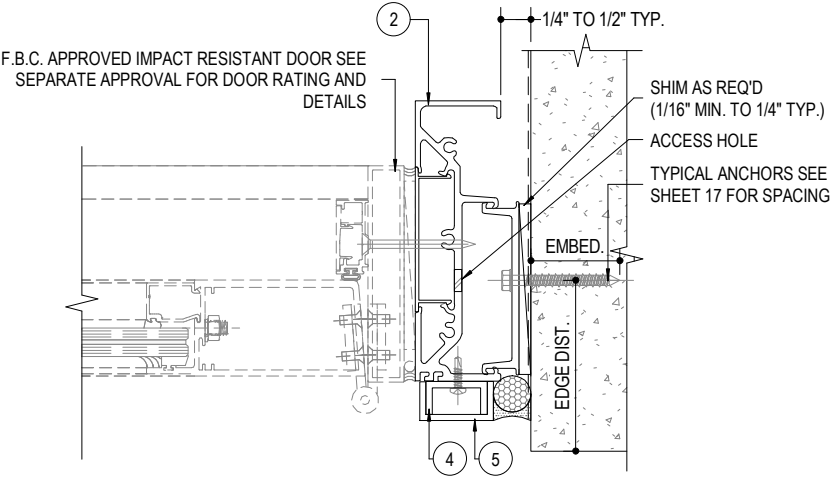
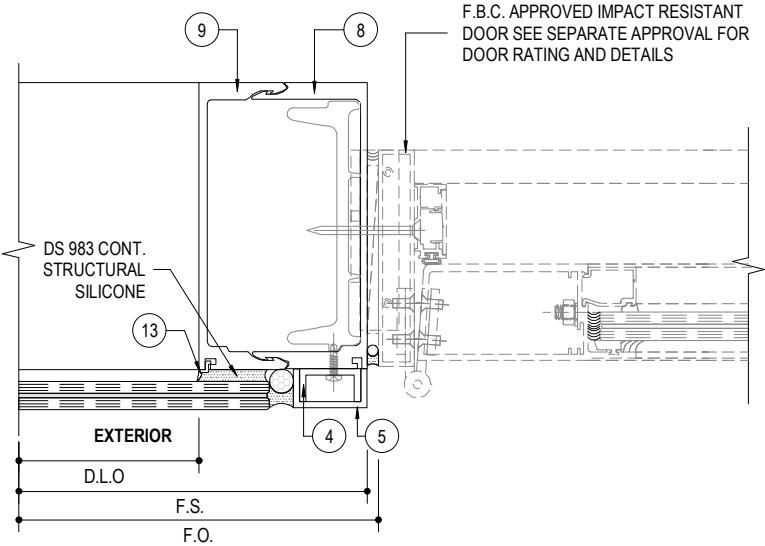
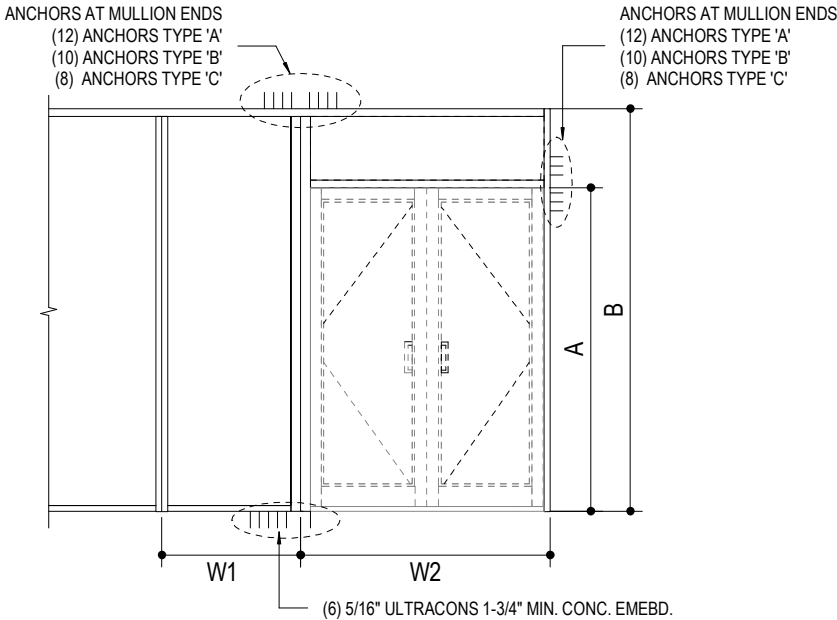
Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254



SEALED: 06-17-2026

DOOR MULLION CAPACITY CHART, DETAILS AND ANCHORS

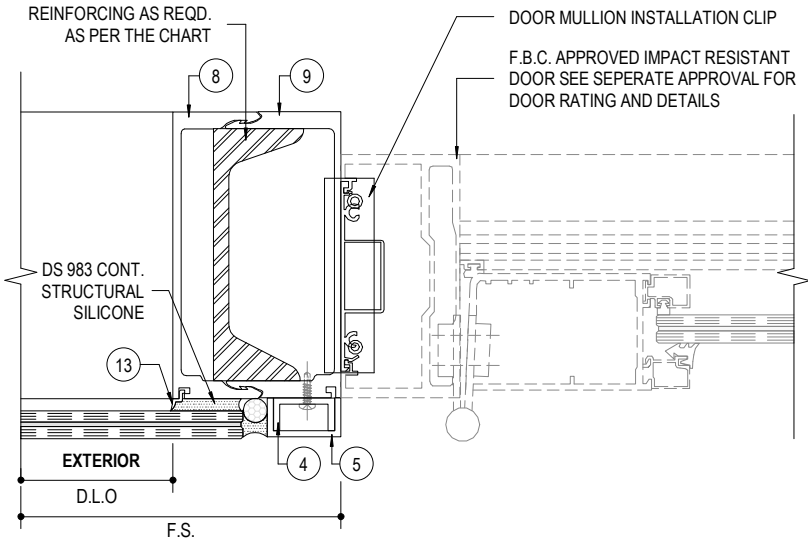
FL#29520.2



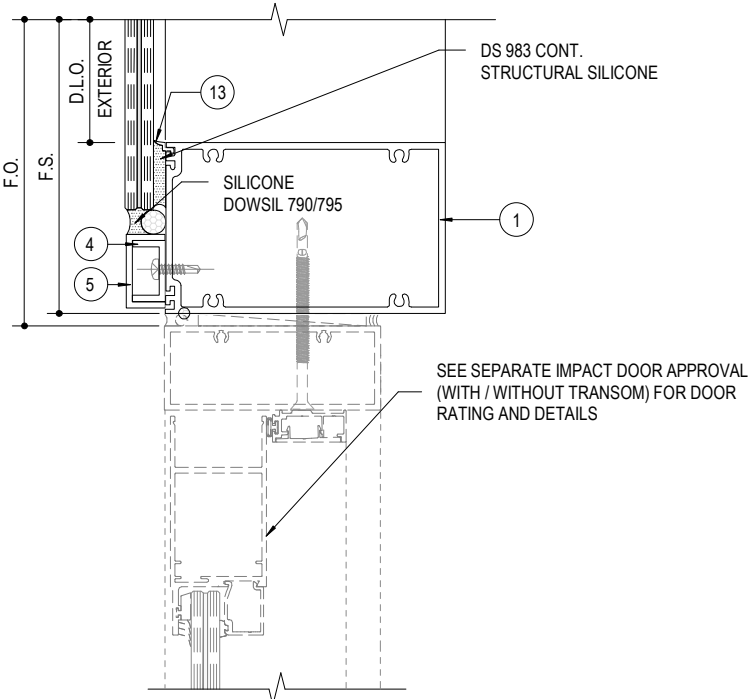
1 VERTICAL AT DOOR JAMB DETAIL

2 ALTERNATIVE JAMB DETAIL - AT DOOR

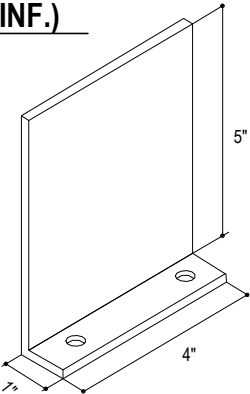
| DOOR MULLION DESIGN LOAD CAPACITY - PSF |                 |                           |                      |                              |                                |                                |
|-----------------------------------------|-----------------|---------------------------|----------------------|------------------------------|--------------------------------|--------------------------------|
| FRAME HEIGHT (B)                        | DOOR HEIGHT (A) | ADJACENT PANEL WIDTH (W1) | DOOR UNIT WIDTH (W2) | W/O REINF. EXT.(+)   INT.(-) | ALUM. REINF. EXT.(+)   INT.(-) | STEEL REINF. EXT.(+)   INT.(-) |
| 120"                                    | 96"             | 36"                       | 81"                  | 120   -120                   | 120   -120                     | 120   -120                     |
|                                         |                 | 48"                       |                      | 120   -120                   | 120   -120                     | 120   -120                     |
|                                         |                 | 54"                       |                      | -                            | 120   -120                     | 120   -120                     |
|                                         |                 | 66"                       |                      | -                            | 120   -120                     | 120   -120                     |
|                                         |                 | 72"                       |                      | -                            | 120   -120                     | 120   -120                     |
| 132"                                    | 96"             | 36"                       | 81"                  | -                            | 120   -120                     | 120   -120                     |
|                                         |                 | 48"                       |                      | -                            | 120   -120                     | 120   -120                     |
|                                         |                 | 54"                       |                      | -                            | 120   -120                     | 120   -120                     |
|                                         |                 | 66"                       |                      | -                            | 120   -120                     | 120   -120                     |
|                                         |                 | 72"                       |                      | -                            | 115   -115                     | 120   -120                     |
| 144"                                    | 96"             | 36"                       | 81"                  | -                            | 115.3   -115.3                 | 120   -120                     |
|                                         |                 | 48"                       |                      | -                            | 103.1   -103.1                 | 120   -120                     |
|                                         |                 | 54"                       |                      | -                            | 98   -98                       | 120   -120                     |
|                                         |                 | 66"                       |                      | -                            | 89.1   -89.1                   | 110.2   -110.2                 |
|                                         |                 | 72"                       |                      | -                            | 85.2   -85.2                   | 105.7   -105.7                 |
| 156"                                    | 96"             | 36"                       | 81"                  | -                            | 87.7   -87.7                   | 116.5   -116.5                 |
|                                         |                 | 48"                       |                      | -                            | 78.7   -78.7                   | 105.4   -105.4                 |
|                                         |                 | 54"                       |                      | -                            | 74.9   -74.9                   | 100.7   -100.7                 |
|                                         |                 | 66"                       |                      | -                            | 68.3   -68.3                   | 92.3   -92.3                   |
|                                         |                 | 72"                       |                      | -                            | 65.4   -65.4                   | 88.7   -88.7                   |
| 168"                                    | 96"             | 36"                       | 81"                  | -                            | 68.9   -68.9                   | 99.3   -99.3                   |
|                                         |                 | 48"                       |                      | -                            | 62   -62                       | 90   -90                       |
|                                         |                 | 54"                       |                      | -                            | 59   -59                       | 86   -86                       |
|                                         |                 | 66"                       |                      | -                            | 53.9   -53.9                   | 78.9   -78.9                   |
|                                         |                 | 72"                       |                      | -                            | 51.6   -51.6                   | 75.8   -75.8                   |



3 VERTICAL AT DOOR JAMB DETAIL (W/ REINF.)



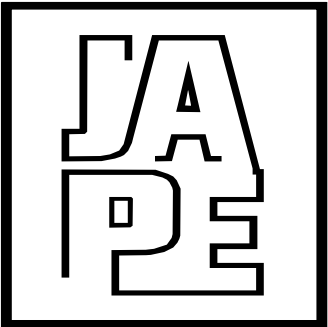
4 DOOR HEADER DETAIL



DOOR MULLION INSTALLATION CLIP  
1 X 5 X 3/16" ALUM. ANGLE

NOTE:

- FOR DOOR CAPACITIES SEE SEPARATE APPROVAL.
- FOR DOOR MULLION CAPACITY SEE CHART AT LEFT.
- LOWER VALUES FROM DOOR APPROVAL, DOOR MULLION CHART OR CURTAIN WALL CAPACITY CHARTS WILL APPLY TO ENTIRE SYSTEM.



JAVAD AHMAD PE, inc

7875 NW 12 Street, Suite 102  
Doral, FL 33126  
Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

PRO-TECH 7SG ALUMINUM  
CURTAINWALL SYSTEM

CLIENT :

CRAWFORD TRACEY  
CORPORATION

3301 S.W. 13TH DR.,  
DEERFIELD BEACH, FL 33442  
(954) 698-6888

REVISION

| No. | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
|     |      |    |             |
|     |      |    |             |

Date: 06-15-2026

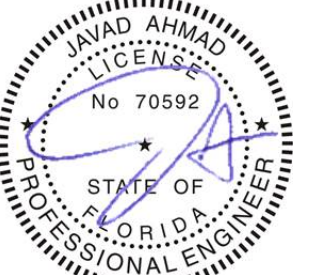
Scale: N/A

Drawn by: DK

Check by: PK

Drawing no. JA-1671-24

Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254

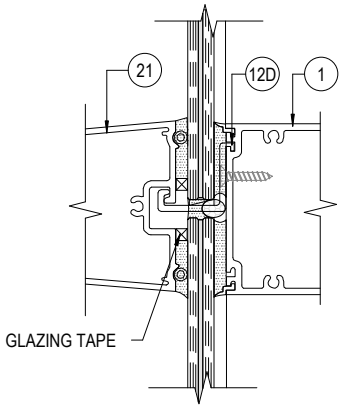


SEALED: 06-17-2026

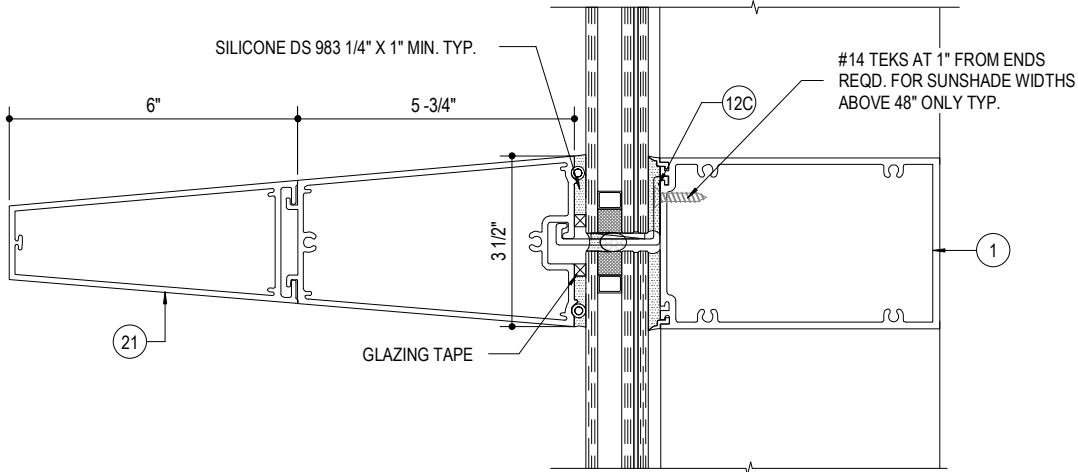
APPLIED FIN CAPACITY CHARTS, DETAILS

FL#29520.2

| 12" FIN RATING CHART |                      |              |         |              |         |                |         |
|----------------------|----------------------|--------------|---------|--------------|---------|----------------|---------|
| SUNSHADE WIDTH       | MAXIMUM FRAME HEIGHT | UPLIFT = 120 |         | UPLIFT = 150 |         | UPLIFT = 204.7 |         |
|                      |                      | EXT.(+)      | INT.(-) | EXT.(+)      | INT.(-) | EXT.(+)        | INT.(-) |
| 54"                  | 96"                  | 120.0        | 145.0   | 120.0        | 145.0   | 120.0          | 145.0   |
| 60"                  |                      | 120.0        | 145.0   | 120.0        | 145.0   | 78.1           | 145.0   |
| 61"                  |                      | 120.0        | 145.0   | 120.0        | 145.0   | 70.8           | 145.0   |
| 66"                  |                      | 120.0        | 145.0   | 118.0        | 145.0   | 39.0           | 145.0   |
| 68"                  | 108"                 | 120.0        | 145.0   | 106.7        | 145.0   | -              | -       |
| 54"                  |                      | 120.0        | 145.0   | 120.0        | 145.0   | 120.0          | 145.0   |
| 60"                  |                      | 120.0        | 145.0   | 120.0        | 145.0   | 75.7           | 145.0   |
| 66"                  |                      | 120.0        | 145.0   | 113.0        | 145.0   | 37.3           | 145.0   |
| 68"                  | 120"                 | 120.0        | 145.0   | 101.8        | 145.0   | -              | -       |
| 54"                  |                      | 120.0        | 145.0   | 120.0        | 145.0   | 120.0          | 145.0   |
| 60"                  |                      | 120.0        | 145.0   | 120.0        | 145.0   | 75.0           | 145.0   |
| 66"                  |                      | 120.0        | 145.0   | 110.1        | 145.0   | 36.4           | 145.0   |
| 68"                  |                      | 120.0        | 145.0   | 98.8         | 145.0   | -              | -       |

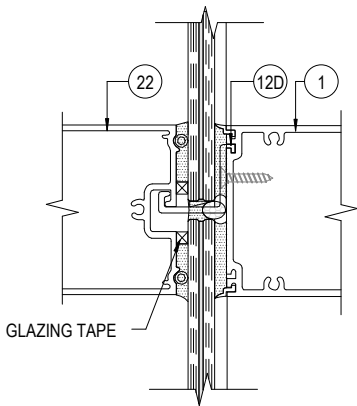


1 INTERM. HORIZONTAL LAMI. WITH 12" APPLIED FIN

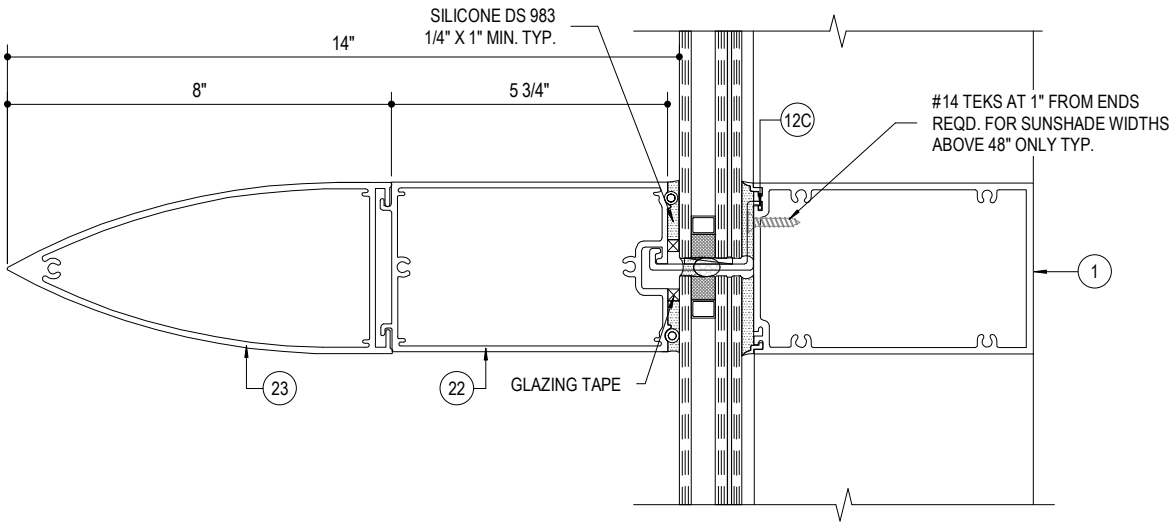


2 INTERM. HORIZONTAL I.G.U. WITH 12" APPLIED FIN

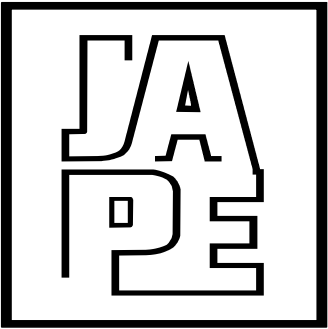
| 14" FIN RATING CHART |                      |             |         |              |         |              |         |
|----------------------|----------------------|-------------|---------|--------------|---------|--------------|---------|
| SUNSHADE WIDTH       | MAXIMUM FRAME HEIGHT | UPLIFT = 88 |         | UPLIFT = 110 |         | UPLIFT = 150 |         |
|                      |                      | EXT.(+)     | INT.(-) | EXT.(+)      | INT.(-) | EXT.(+)      | INT.(-) |
| 54"                  | 96"                  | 120.0       | 145.0   | 120          | 145.0   | 120.0        | 145.0   |
| 60"                  |                      | 120.0       | 145.0   | 120          | 145.0   | 78.1         | 145.0   |
| 61"                  |                      | 120.0       | 145.0   | 120          | 145.0   | 70.8         | 145.0   |
| 66"                  |                      | 120.0       | 145.0   | 118          | 145.0   | 39.0         | 145.0   |
| 68"                  | 108"                 | 120.0       | 145.0   | 106.7        | 145.0   | -            | -       |
| 54"                  |                      | 120.0       | 145.0   | 120          | 145.0   | 120.0        | 145.0   |
| 60"                  |                      | 120.0       | 145.0   | 120          | 145.0   | 75.7         | 145.0   |
| 66"                  |                      | 120.0       | 145.0   | 113          | 145.0   | 37.3         | 145.0   |
| 68"                  | 120"                 | 120.0       | 145.0   | 101.8        | 145.0   | -            | -       |
| 54"                  |                      | 120.0       | 145.0   | 120          | 145.0   | 120.0        | 145.0   |
| 60"                  |                      | 120.0       | 145.0   | 120          | 145.0   | 75.0         | 145.0   |
| 66"                  |                      | 120.0       | 145.0   | 110.1        | 145.0   | 36.4         | 145.0   |
| 68"                  |                      | 120.0       | 145.0   | 98.8         | 145.0   | -            | -       |



3 INTERM. HORIZONTAL LAMI. WITH 14" APPLIED FIN



4 INTERM. HORIZONTAL I.G.U. WITH 14" APPLIED FIN



JAVAD AHMAD PE, inc

7875 NW 12 Street, Suite 102  
Doral, FL 33126  
Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING  
ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

PRO-TECH 7SG ALUMINUM  
CURTAINWALL SYSTEM

CLIENT :

CRAWFORD TRACEY  
CORPORATION

3301 S.W. 13TH DR.,  
DEERFIELD BEACH, FL 33442  
(954) 698-6888

REVISION

| No. | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
|     |      |    |             |
|     |      |    |             |

Date: 06-15-2026

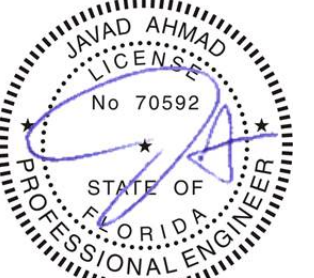
Scale: N/A

Drawn by: DK

Check by: PK

Drawing no. JA-1671-24

Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254



SEALED: 06-17-2026

|                                                         |  |                                         |
|---------------------------------------------------------|--|-----------------------------------------|
| <p align="center"><b>APPLIED FIN CAPACITY CHART</b></p> |  | <p align="center"><b>FL#29520.2</b></p> |
|---------------------------------------------------------|--|-----------------------------------------|

FL#29520.2

| ANCHOR DESIGN LOAD CAPACITY - PSF (AT MULLION WITH FIN)- EXT.(+) & INT. (-) |              |                  |       |       |       |                  |       |       |       |                  |       |       |       |                     |       |                     |       |
|-----------------------------------------------------------------------------|--------------|------------------|-------|-------|-------|------------------|-------|-------|-------|------------------|-------|-------|-------|---------------------|-------|---------------------|-------|
| NOMINAL DIMS.                                                               |              | ANCHORS TYPE 'A' |       |       |       | ANCHORS TYPE 'B' |       |       |       | ANCHORS TYPE 'C' |       |       |       | ANCHORS 'D'         |       | ANCHORS 'D'         |       |
| WIDTH (W)                                                                   | FRAME HEIGHT | 2                | 3     | 4     | 5     | 2                | 3     | 4     | 5     | 2                | 3     | 4     | 5     | 2 - 1/4" EDGE DIST. |       | 3 - 1/4" EDGE DIST. |       |
|                                                                             |              |                  |       |       |       |                  |       |       |       |                  |       |       |       | 2                   | 3     | 2                   | 3     |
| 36"                                                                         | 96"          | 108.7            | 145.0 | 145.0 | 145.0 | 115.7            | 145.0 | 145.0 | 145.0 | 145.0            | 145.0 | 145.0 | 145.0 | 137.9               | 145.0 | 145.0               | 145.0 |
| 42"                                                                         |              | 92.6             | 141.0 | 145.0 | 145.0 | 98.6             | 145.0 | 145.0 | 145.0 | 126.6            | 145.0 | 145.0 | 145.0 | 117.6               | 145.0 | 145.0               | 145.0 |
| 48"                                                                         |              | 80.5             | 122.8 | 145.0 | 145.0 | 85.7             | 130.7 | 145.0 | 145.0 | 110.2            | 145.0 | 145.0 | 145.0 | 102.3               | 145.0 | 145.0               | 145.0 |
| 54"                                                                         |              | 71.1             | 108.7 | 145.0 | 145.0 | 75.7             | 115.7 | 145.0 | 145.0 | 97.5             | 145.0 | 145.0 | 145.0 | 90.5                | 137.9 | 145.0               | 145.0 |
| 60"                                                                         |              | 63.5             | 97.4  | 131.3 | 145.0 | 67.7             | 103.7 | 139.7 | 145.0 | 87.3             | 133.1 | 145.0 | 145.0 | 81.0                | 123.7 | 130.6               | 145.0 |
| 66"                                                                         |              | 57.4             | 88.2  | 119.0 | 145.0 | 61.2             | 93.9  | 126.6 | 145.0 | 79.0             | 120.6 | 145.0 | 145.0 | 73.3                | 112.0 | 118.3               | 145.0 |
| 68"                                                                         |              | 55.5             | 85.5  | 115.4 | 145.0 | 59.3             | 91.0  | 122.8 | 145.0 | 76.5             | 117.0 | 145.0 | 145.0 | 71.0                | 108.6 | 114.7               | 145.0 |
| 36"                                                                         | 120"         | 87.7             | 132.9 | 145.0 | 145.0 | 93.3             | 141.3 | 145.0 | 145.0 | 119.4            | 145.0 | 145.0 | 145.0 | 111.0               | 145.0 | 145.0               | 145.0 |
| 42"                                                                         |              | 74.7             | 113.5 | 145.0 | 145.0 | 79.5             | 120.7 | 145.0 | 145.0 | 101.9            | 145.0 | 145.0 | 145.0 | 94.7                | 143.5 | 145.0               | 145.0 |
| 48"                                                                         |              | 65.1             | 99.0  | 132.9 | 145.0 | 69.3             | 105.3 | 141.3 | 145.0 | 88.9             | 134.7 | 145.0 | 145.0 | 82.5                | 125.2 | 132.1               | 145.0 |
| 54"                                                                         |              | 57.5             | 87.7  | 117.8 | 145.0 | 61.3             | 93.3  | 125.3 | 145.0 | 78.7             | 119.4 | 145.0 | 145.0 | 73.1                | 111.0 | 117.2               | 145.0 |
| 60"                                                                         |              | 51.5             | 78.6  | 105.7 | 132.9 | 54.9             | 83.7  | 112.5 | 141.3 | 70.5             | 107.2 | 143.8 | 145.0 | 65.5                | 99.6  | 105.2               | 145.0 |
| 66"                                                                         |              | 46.6             | 71.2  | 95.9  | 120.5 | 49.6             | 75.8  | 102.0 | 128.2 | 63.9             | 97.2  | 130.5 | 145.0 | 59.3                | 90.3  | 95.4                | 144.4 |
| 68"                                                                         |              | 45.1             | 69.1  | 93.0  | 116.9 | 48.1             | 73.5  | 98.9  | 124.3 | 61.9             | 94.3  | 126.6 | 145.0 | 57.5                | 87.6  | 92.5                | 140.1 |

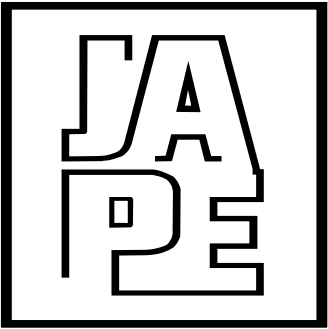
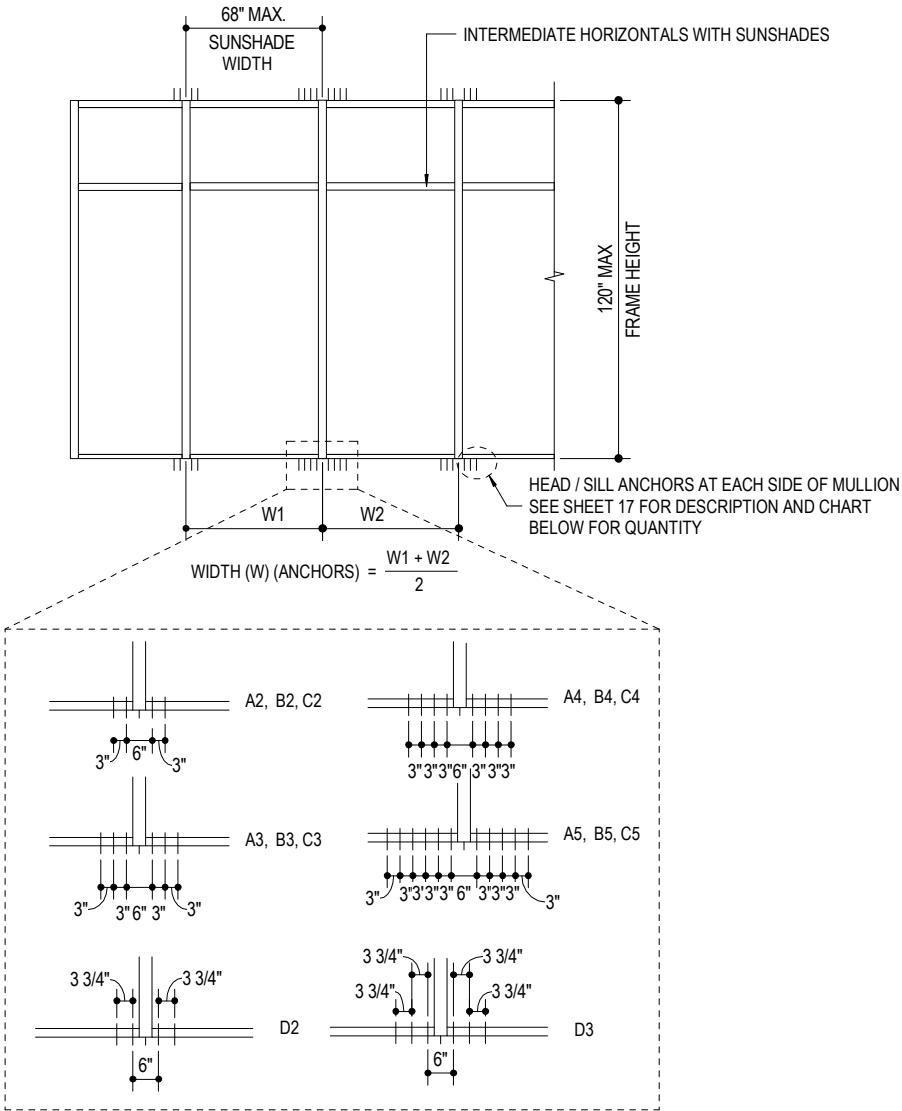
**INSTRUCTIONS:**

**USE SUNSHADES AS FOLLOWS FOR SINGLE SPANS ONLY.**

1. 12" AND 14" SUNSHADES ARE QUALIFIED FOR A MAXIMUM WIDTHS OF 68". LIMIT MAX. FRAME HEIGHT TO 120" WHEN SUNSHADES ARE USED.
2. FOR SUNSHADES WIDTHS UPTO 48" USE 2 SETTING PIECES AT 1/4 POINTS, FOR WIDTHS ABOVE 48" USE 2 SETTING PIECES AT 1/5 POINTS AND 1 AT MID WIDTH.
3. USE 'SUNSHADE RATING CHART' TO DETERMINE MAXIMUM POSITIVE LOAD BASED ON MAXIMUM UPLIFT AND FRAME DIMENSIONS.
4. USE ANCHOR LOAD CAPACITY CHART BELOW TO DETERMINE MAXIMUM LOADS FOR ANCHOR TYPES USED AT MULLIONS WITH SUNSHADES.
5. LOWEST VALUE FROM STEPS 3, 4 AND REST OF APPROVAL WILL APPLY TO ENTIRE SYSTEM.
6. MULTIPLE SPAN CONDITIONS TO BE CHECKED ON JOB TO JOB BASIS. ALSO VERIFY SUPPORT CONDITIONS AT INTERMEDIATE SUPPORTS.

**NOTE:**

- SEE SHEET 36 FOR FIN RATING CHARTS.

**JAVAD AHMAD PE, inc**

7875 NW 12 Street, Suite 102  
Doral, FL 33126

Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING  
ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

# PRO-TECH 7SG ALUMINUM CURTAINWALL SYSTEM

CLIENT :

CRAWFORD TRACEY  
CORPORATION

3301 S.W. 13TH DR.,  
DEERFIELD BEACH, FL 33442  
(954) 698-6888

## REVISION

| No. | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
|     |      |    |             |
|     |      |    |             |

|       |            |
|-------|------------|
| Date: | 06-15-2026 |
|-------|------------|

|        |     |
|--------|-----|
| Scale: | N/A |
|--------|-----|

|           |    |
|-----------|----|
| Drawn by: | DK |
|-----------|----|

|           |    |
|-----------|----|
| Check by: | PK |
|-----------|----|

|             |            |
|-------------|------------|
| Drawing no. | JA-1671-24 |
|-------------|------------|

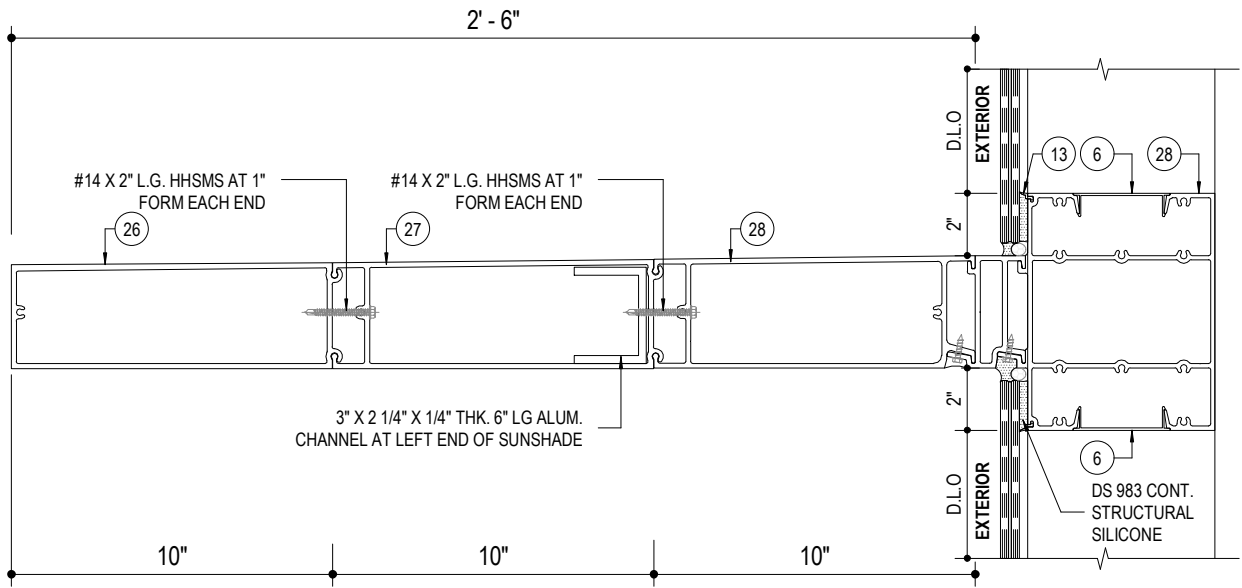
Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254



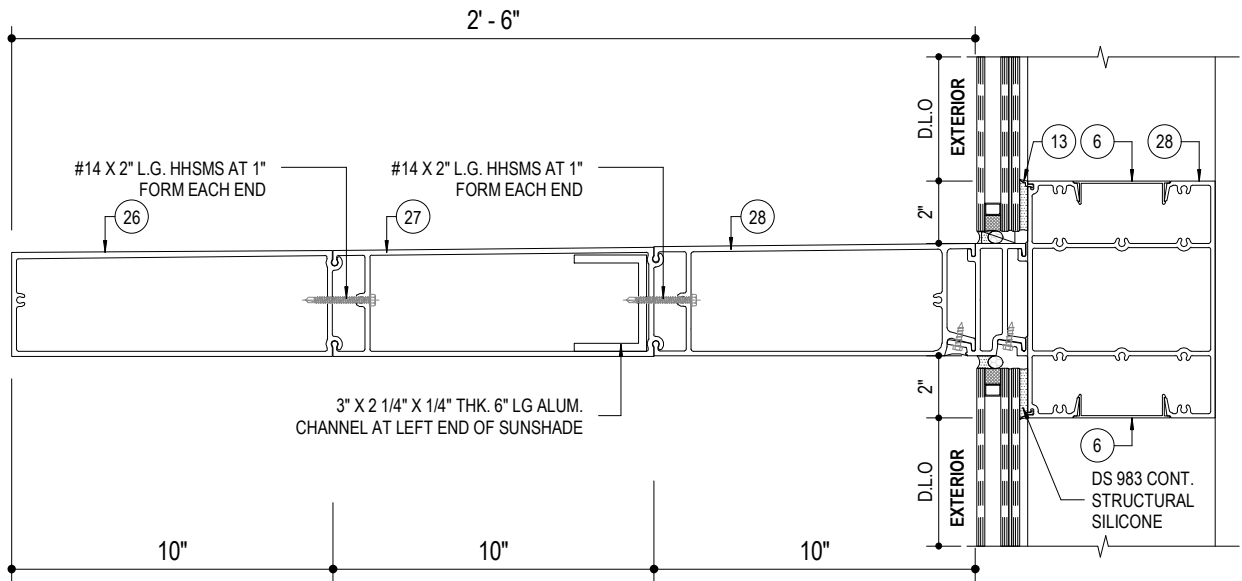
SEALED: 06-17-2026

TYPICAL SUNSHADE DETAILS

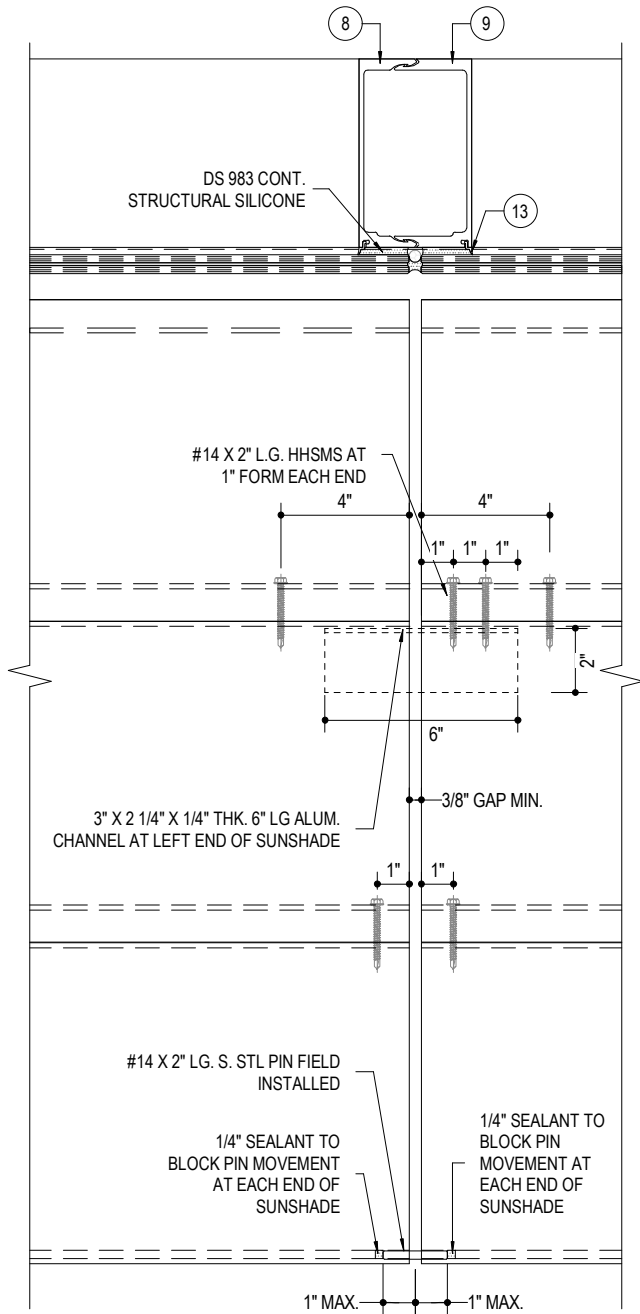
FL#29520.2



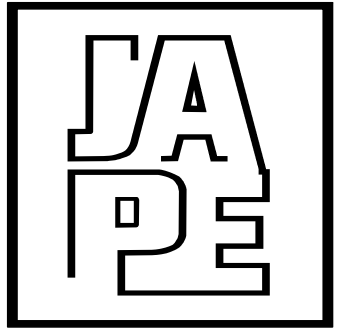
1 SUNSHADE AT LAMINATED GLASS DETAIL



2 SUNSHADE AT INSULATED GLASS DETAIL



3 SUNSHADE JOINT DETAIL



JAVAD AHMAD PE, inc

7875 NW 12 Street, Suite 102  
Doral, FL 33126  
Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING  
ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

PRO-TECH 7SG ALUMINUM  
CURTAINWALL SYSTEM

CLIENT :

CRAWFORD TRACEY  
CORPORATION

3301 S.W. 13TH DR.,  
DEERFIELD BEACH, FL 33442  
(954) 698-6888

REVISION

| No. | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
|     |      |    |             |
|     |      |    |             |

Date: 06-15-2026

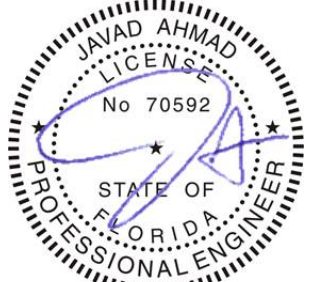
Scale: N/A

Drawn by: DK

Check by: PK

Drawing no. JA-1671-24

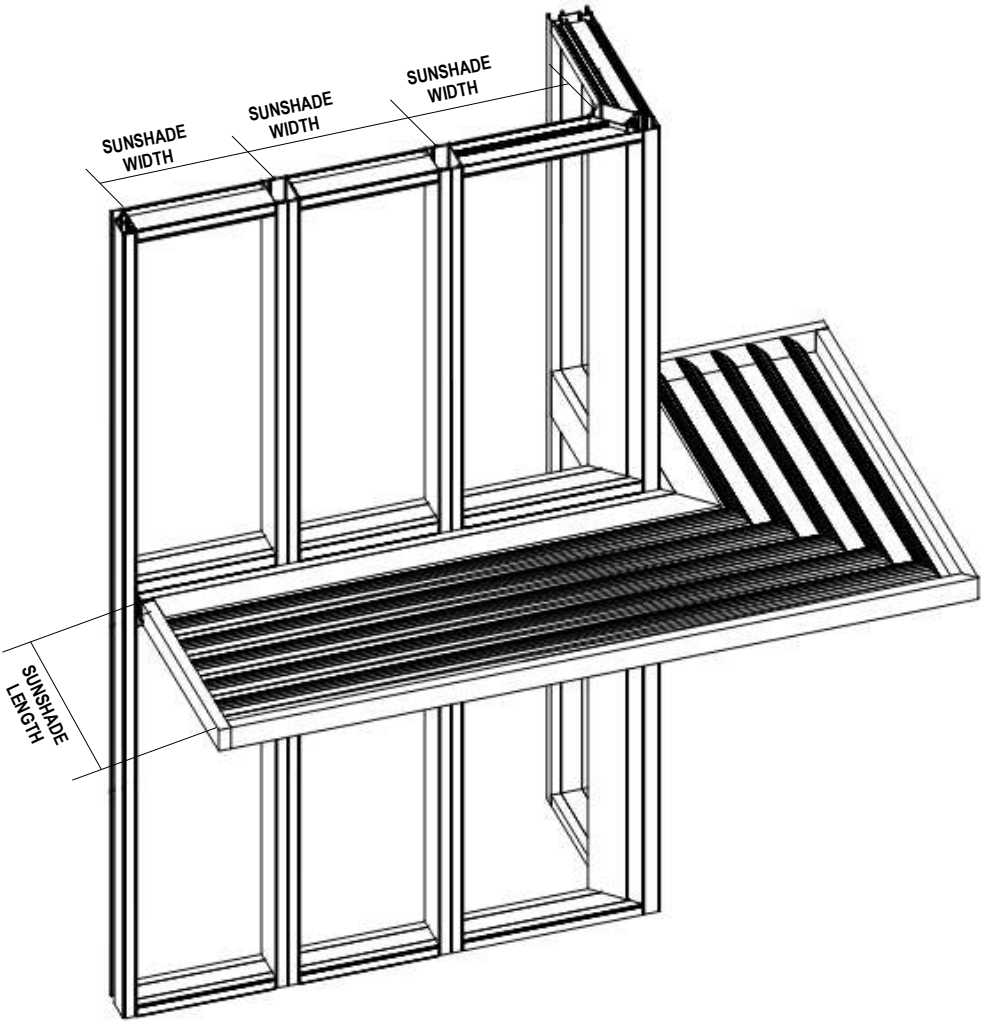
Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254



SEALED: 06-17-2026

POROUS SUNSHADE ELEVATION AND CHART

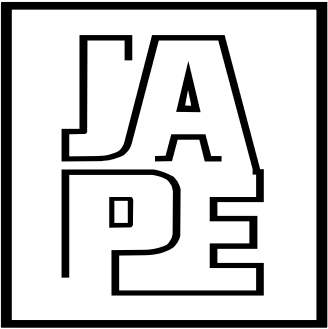
FL#29520.2



| MAX PRESSURE WITH POROUS SUNSHADE - PSF EXT.(+) & INT. (-) |                 |             |              |              |
|------------------------------------------------------------|-----------------|-------------|--------------|--------------|
| SUNSHADE WIDTH                                             | SUNSHADE LENGTH | 0% POROSITY | 25% POROSITY | 50% POROSITY |
| 30" - 60"                                                  | 12"             | 120         | 120          | 120          |
|                                                            | 18"             | 120         | 120          | 120          |
|                                                            | 24"             | 120         | 120          | 120          |
|                                                            | 30"             | 120         | 120          | 120          |
|                                                            | 36"             | 83          | 111          | 120          |
|                                                            | 42"             | 61          | 82           | 120          |
|                                                            | 48"             | 47          | 63           | 94           |
|                                                            | 54"             | 37          | 49           | 74           |
|                                                            | 60"             | 30          | 40           | 60           |

INTERPOLATION BETWEEN SUNSHADE WIDTH OR SUNSHADE LENGTH IS ALLOWED

**NOTE:**  
• SUNSHADES AT CANTILEVERED CONDITIONS ARE ACCEPTABLE AT BOTH HEAD AND SILL LOCATIONS. IF THEY OCCUR SIMULTANEOUSLY, SITE-SPECIFIC ENGINEERING IS REQUIRED. FINAL DESIGN MUST BE APPROVED BY A LICENSED PROFESSIONAL ENGINEER AND THE PRODUCT MANUFACTURER.



JAVAD AHMAD PE, inc

7875 NW 12 Street, Suite 102  
Doral, FL 33126  
Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING  
ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

PRO-TECH 7SG ALUMINUM  
CURTAINWALL SYSTEM

CLIENT :

CRAWFORD TRACEY  
CORPORATION

3301 S.W. 13TH DR.,  
DEERFIELD BEACH, FL 33442  
(954) 698-6888

REVISION

| No. | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
|     |      |    |             |
|     |      |    |             |

Date: 06-15-2026

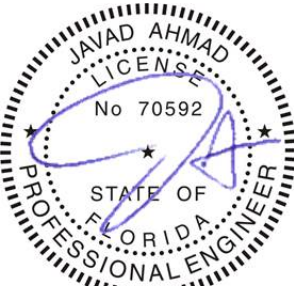
Scale: N/A

Drawn by: DK

Check by: PK

Drawing no. JA-1671-24

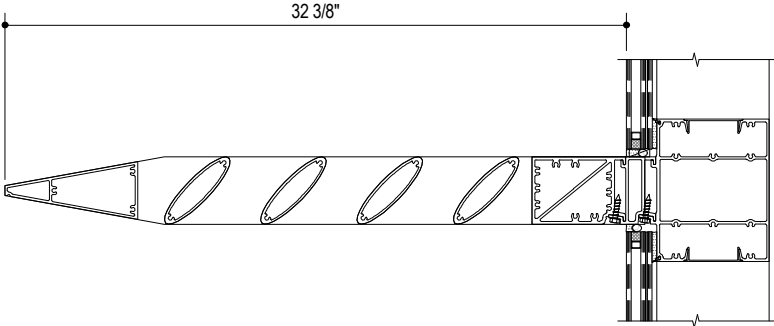
Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254



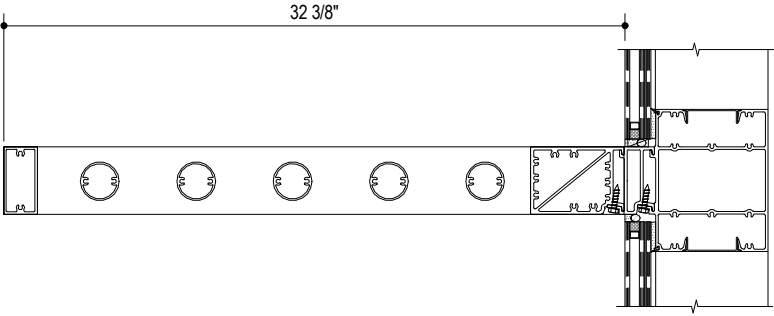
SEALED: 06-17-2026

EXAMPLE POROUS SUNSHADE DETAILS

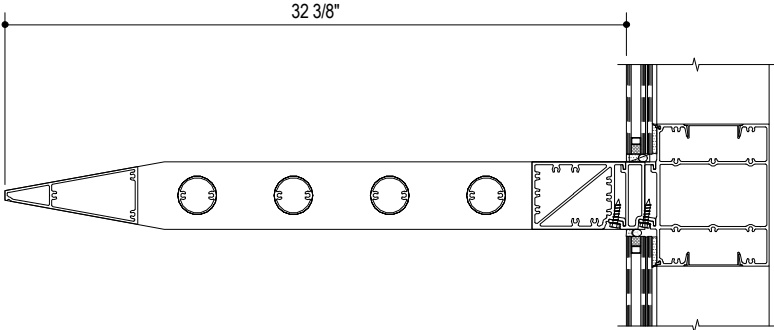
FL#29520.2



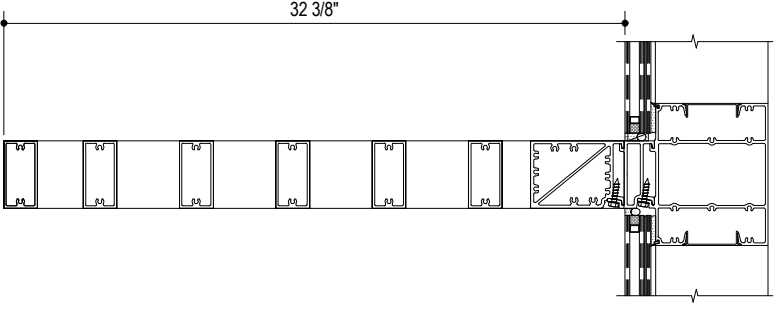
22% POROSITY



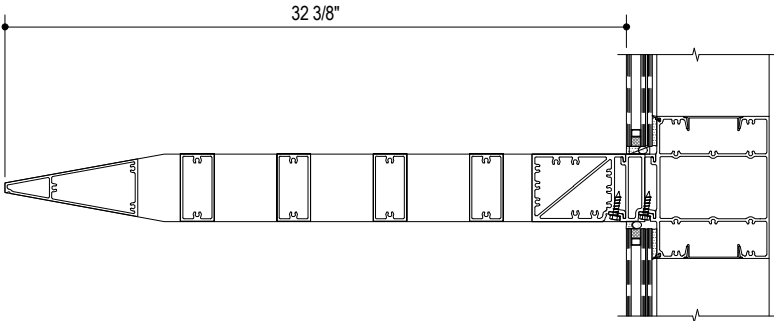
48% POROSITY



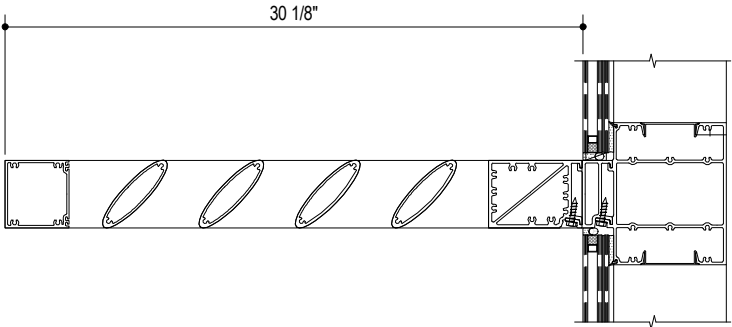
39% POROSITY



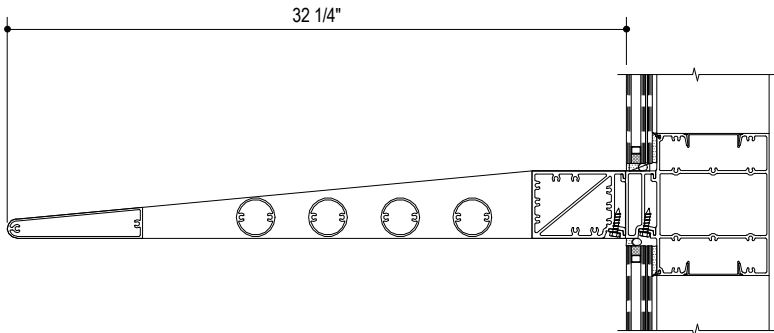
50% POROSITY



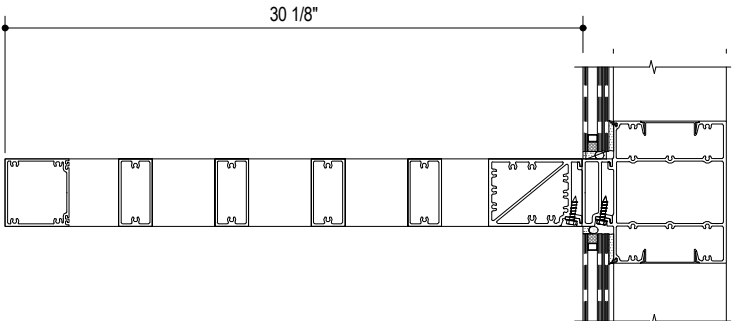
42% POROSITY



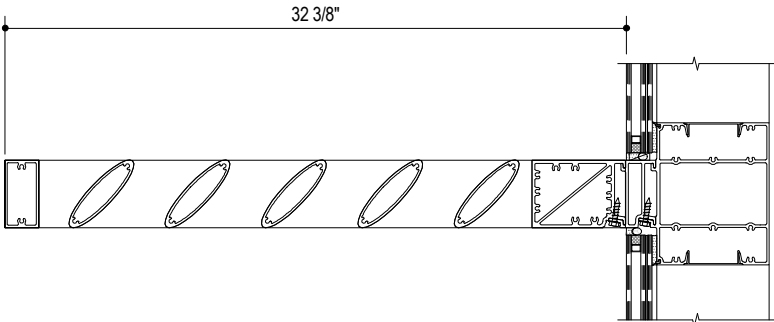
28% POROSITY



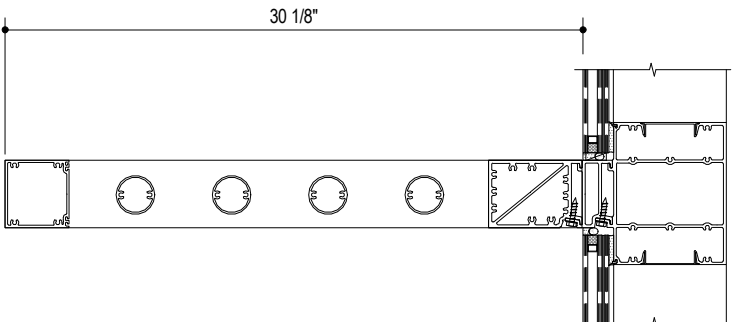
38% POROSITY



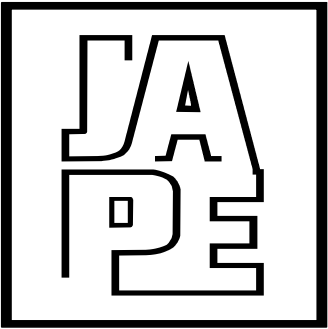
49% POROSITY



27% POROSITY



46% POROSITY



JAVAD AHMAD PE, inc

7875 NW 12 Street, Suite 102  
Doral, FL 33126  
Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING  
ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

PRO-TECH 7SG ALUMINUM  
CURTAINWALL SYSTEM

CLIENT :

CRAWFORD TRACEY  
CORPORATION

3301 S.W. 13TH DR.,  
DEERFIELD BEACH, FL 33442  
(954) 698-6888

REVISION

| No. | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
|     |      |    |             |
|     |      |    |             |

Date: 06-15-2026

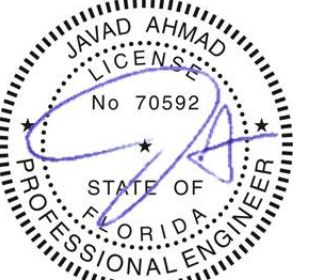
Scale: N/A

Drawn by: DK

Check by: PK

Drawing no. JA-1671-24

Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254

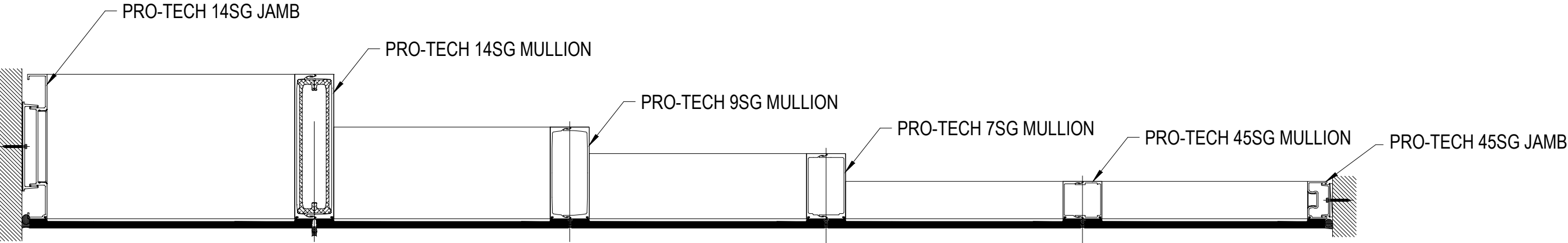


SEALED: 06-17-2026

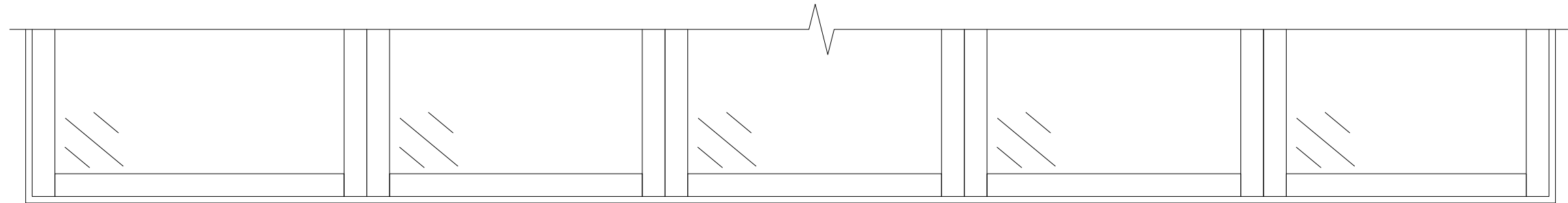
THE CTC PRO-TECH SERIES 45SG, 7SG, 9SG, & 14SG, ARE APPROVED TO BE INTEGRATED AND CAN TRANSITION BETWEEN SYSTEMS AS SHOWN BELOW.

PRO-TECH SYSTEMS INTEGRATION NOTES: SHALL BE REVIEWED AND APPROVED BY A LICENSED PROFESSIONAL ENGINEER.

1. MULLION CAPACITY: SHALL BE BASED ON THE DESIGN PRESSURES AND TRIBUTARY AREA APPLIED TO THE MULLION AND GOVERNED BY THE MULLION'S SYSTEM PRODUCT APPROVAL.
2. ANCHOR QUANTITY & SPACING: SHALL BASED ON THE LARGER SYSTEM PRODUCT APPROVAL
3. SUNSHADE MAX. WIDTH: SHALL BE BASED ON THE HORIZONTAL MEMBER PER SYSTEM'S PRODUCT APPROVAL.



EXAMPLE PLAN VIEW OF INTEGRATED SYSTEMS



EXAMPLE ELEVATION VIEW OF INTEGRATED SYSTEMS

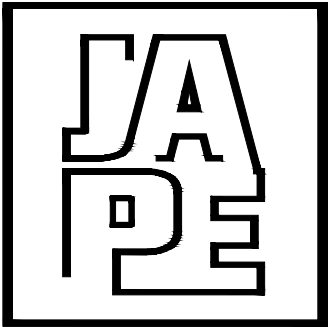
PRO-TECH SYSTEMS HORIZONTAL MEMBER INTEGRATION NOTES: SHALL BE REVIEWED AND APPROVED BY A LICENSED PROFESSIONAL ENGINEER.

1. HORIZONTAL MEMBER: HORIZONTAL AND TRANSOMS FROM SMALLER SYSTEMS CAN BE INTEGRATED INTO LARGER SYSTEMS. SHALL BE BASED ON THE DESIGN PRESSURES AND TRIBUTARY AREA APPLIED TO THE HORIZONTAL MEMBER AND GOVERNED BY THE HORIZONTAL'S SYSTEM PRODUCT APPROVAL.

MAX. HORIZONTAL TRANSOM  
SIZE PER SYSTEM

| SYSTEM | WIDTH        |
|--------|--------------|
| 45SG   | 96"          |
| 7SG    | 125" / 68" * |
| 9SG    | 125" / 68" * |
| 14SG   | 125"         |

\* : FOR MEMBERS WITH SUNSHADE



JAVAD AHMAD PE, inc

7875 NW 12 Street, Suite 102  
Doral, FL 33126  
Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING  
ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

PRO-TECH 7SG ALUMINUM  
CURTAINWALL SYSTEM

CLIENT :

CRAWFORD TRACEY  
CORPORATION

3301 S.W. 13TH DR.,  
DEERFIELD BEACH, FL 33442  
(954) 698-6888

REVISION

| No. | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
|     |      |    |             |
|     |      |    |             |

Date: 06-15-2026

Scale: N/A

Drawn by: DK

Check by: PK

Drawing no. JA-1671-24

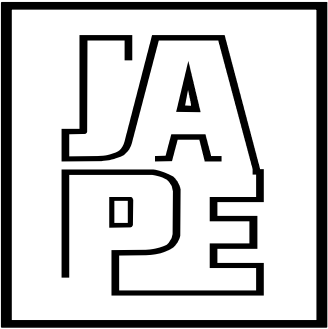
Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254



SEALED: 06-17-2026

EXTRUSION DETAILS

FL#29520.2



JAVAD AHMAD PE, inc

7875 NW 12 Street, Suite 102  
Doral, FL 33126

Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING  
ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

PRO-TECH 7SG ALUMINUM  
CURTAINWALL SYSTEM

CLIENT :

CRAWFORD TRACEY  
CORPORATION

3301 S.W. 13TH DR.,  
DEERFIELD BEACH, FL 33442  
(954) 698-6888

REVISION

| No. | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
|     |      |    |             |
|     |      |    |             |

Date: 06-15-2026

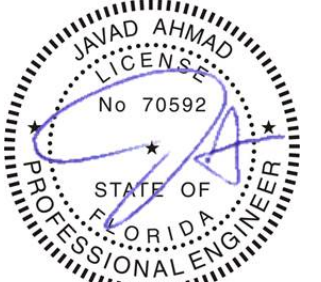
Scale: N/A

Drawn by: DK

Check by: PK

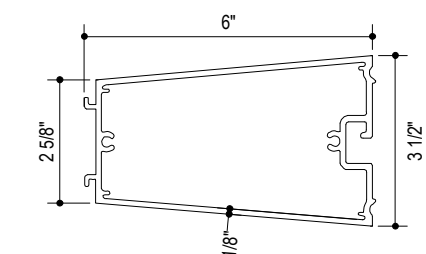
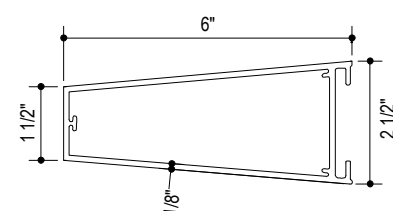
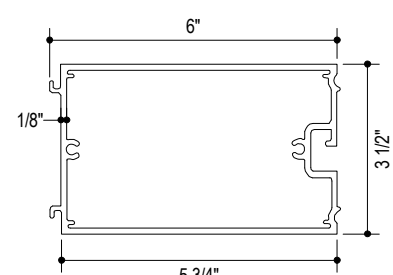
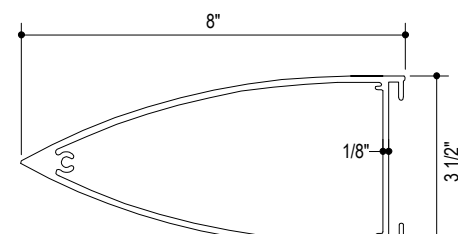
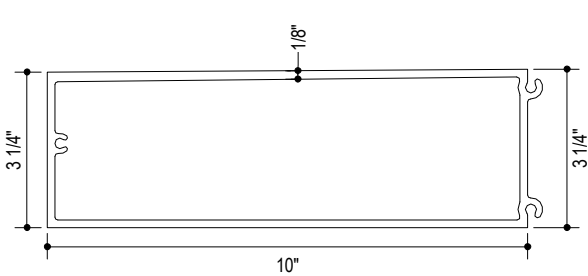
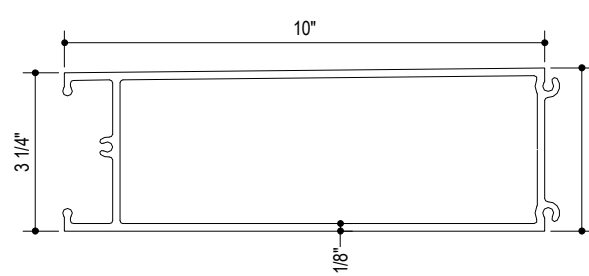
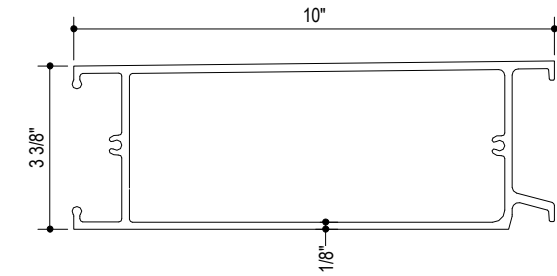
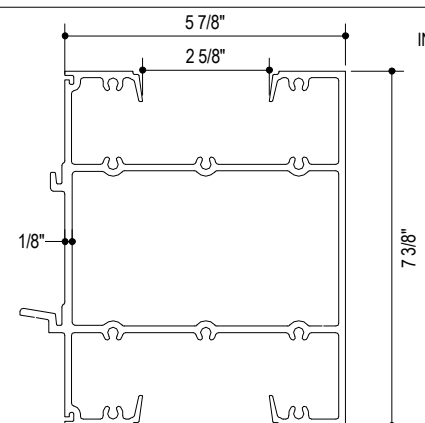
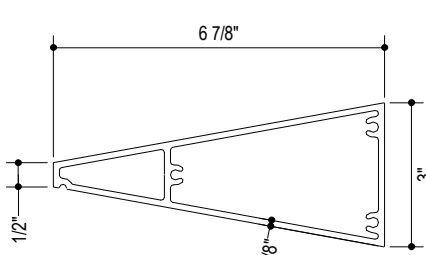
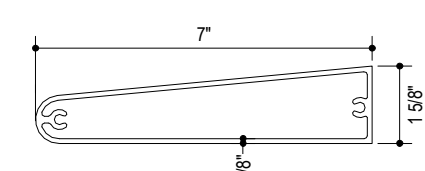
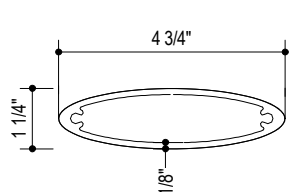
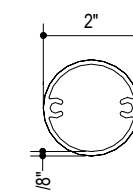
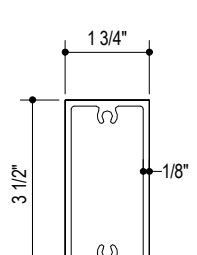
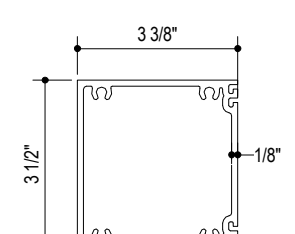
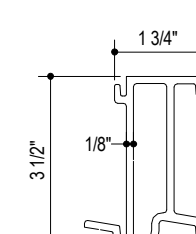
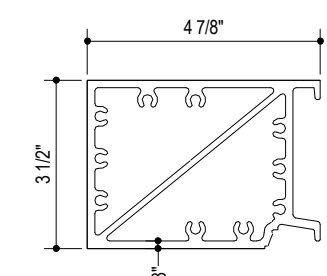
Drawing no. JA-1671-24

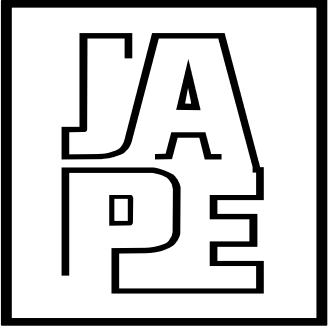
Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254



SEALED: 06-17-2026

|                                                                                                 |                                                                                                                 |                                                                                                          |                                                                                                    |                                                                                                    |
|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| <div>1</div> <div>FRAME HEAD / HORIZONTAL</div> <div></div> <div>6005A-T61I70H342</div>         | <div>1A</div> <div>ALT. FRAME HEAD</div> <div></div> <div>6005A-T61I70H344</div>                                | <div>2</div> <div>FRAME HEAD /SILL/ALT. JAMB</div> <div></div> <div>6005A-T61I70P176</div>               | <div>2A</div> <div>ALT. FRAME HEAD / SILL</div> <div></div> <div>6005A-T61I70P177</div>            | <div>3</div> <div>FRAME JAMB</div> <div></div> <div>6005A-T61I70J176</div>                         |
| <div>4</div> <div>INT. FILLER CHANNEL(LAM. GLASS)</div> <div></div> <div>ALUMINUM</div>         | <div>4A</div> <div>INT. FILLER CHANNEL(INSUL. LAM. GLASS)</div> <div></div> <div>ALUMINUM</div>                 | <div>5</div> <div>EXT. FILLER CHANNEL(LAM. GLASS)</div> <div></div> <div>ALUMINUM</div>                  | <div>5A</div> <div>EXT. FILLER CHANNEL(INSUL. LAM. GLASS)</div> <div></div> <div>ALUMINUM</div>    | <div>6</div> <div>SNAP IN COVER</div> <div></div> <div>6063 - T6I70J176</div>                      |
| <div>6A</div> <div>ALT. SNAP IN COVER</div> <div></div> <div>6063 - T6I70P344</div>             | <div>7</div> <div>270° MILLION ADAPTER</div> <div></div> <div>6063 - T6I70C270</div>                            | <div>8</div> <div>MALE JAMB / MULLION</div> <div></div> <div>6005A - T61I70M113</div>                    | <div>8A</div> <div>ALT. MALE MULLION</div> <div></div> <div>6005A - T61I70M115</div>               | <div>9</div> <div>FEMALE JAMB / MULLION</div> <div></div> <div>6005A - T61I70M114</div>            |
| <div>9A</div> <div>ALT. FEMALE MULLION</div> <div></div> <div>6005A-T61I70M116</div>            | <div>7</div> <div>125° MILLION ADAPTER</div> <div></div> <div>6063 - T6I70C125</div>                            | <div>11</div> <div>SUB BUCK</div> <div></div> <div>6005A-T61B32B070</div>                                | <div>12</div> <div>SETTING PIECE (INSUL. LAM. GLASS)</div> <div></div> <div>6005A-T61I70X116</div> | <div>12A</div> <div>SETTING PIECE INSUL. LAM. GLASS</div> <div></div> <div>6005A-T61I70X118M</div> |
| <div>12B</div> <div>SETTING PIECE LEVEL 'E' GLASS</div> <div></div> <div>6005A-T61I70X121</div> | <div>12C</div> <div>SETTING PIECE INSUL. LAM. GLASS (APPLIED FIN)</div> <div></div> <div>6005A-T61I70X120</div> | <div>12D</div> <div>SETTING PIECE LAM. GLASS (APPLIED FIN)</div> <div></div> <div>6005A-T61I70X119</div> | <div>17</div> <div>APPLIED TRIM CAPS (OPTIONAL)</div> <div></div> <div>6063 - T6S15F227</div>      | <div>18</div> <div>APPLIED TRIM CAPS (OPTIONAL)</div> <div></div> <div>6063 - T6S34F227</div>      |

| EXTRUSION DETAILS (CONT.)                                                                                                                                          |                                                                                                                                                                                  |                                                                                                                                                                                    |                                                                                                                                                                                      | FL#29520.2 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| <div>20</div> <div>12" FIN RETAINER</div>  <div>6005A-T61</div>                   | <div>21</div> <div>12" APPLIED FIN</div>  <div>6005A-T61</div>                                 | <div>22</div> <div>14" FIN RETAINER</div>  <div>6005A-T61</div>                                 | <div>23</div> <div>14" APPLIED FIN</div>  <div>6005A-T61</div>                                    |            |
| <div>26</div> <div>EXTERIOR COVER</div>  <div>6005A-T61</div> <div>T34F300</div> | <div>27</div> <div>EXTERIOR COVER</div>  <div>6005A-T61</div> <div>T34M300</div>              | <div>28</div> <div>EXTERIOR COVER</div>  <div>6005A-T61</div> <div>T34R300</div>               | <div>29</div> <div>INTERMEDIATE</div>  <div>6005A-T61</div> <div>I70H739</div>                   |            |
| <div>30</div> <div>SUNSHADE NOSE</div>  <div>6005A-T61</div> <div>S70H101</div> | <div>31</div> <div>SUNSHADE NOSE</div>  <div>6005A-T61</div> <div>I70F700</div>              | <div>32</div> <div>HORIZONTAL SUNSHADE ELLIPSE</div>  <div>6005A-T61</div> <div>I70H471</div> | <div>33</div> <div>SUNSHADE 2" DIAM. CIRCLE TUBE</div>  <div>6005A-T61</div> <div>I70T200</div> |            |
| <div>34</div> <div>SUNSHADE TUBE</div>  <div>6005A-T61</div> <div>I70H742</div> | <div>35</div> <div>SUNSHADE TUBE (45SG TRANSOM)</div>  <div>6063-T6</div> <div>I44H432</div> | <div>36</div> <div>HORIZONTAL ADAPTOR</div>  <div>6005A-T61</div> <div>I70A739</div>          | <div>37</div> <div>HORIZONTAL ADAPTOR</div>  <div>6005A-T61</div> <div>I70H743</div>            |            |



JAVAD AHMAD PE, inc

7875 NW 12 Street, Suite 102  
Doral, FL 33126

Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING  
ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

PRO-TECH 7SG ALUMINUM  
CURTAINWALL SYSTEM

CLIENT :

CRAWFORD TRACEY  
CORPORATION

3301 S.W. 13TH DR.,  
DEERFIELD BEACH, FL 33442  
(954) 698-6888

REVISION

| No. | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
|     |      |    |             |
|     |      |    |             |

Date: 06-15-2026

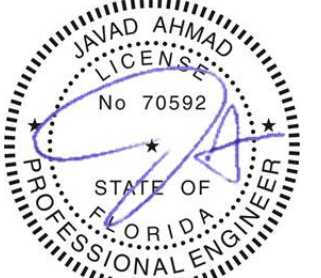
Scale: N/A

Drawn by: DK

Check by: PK

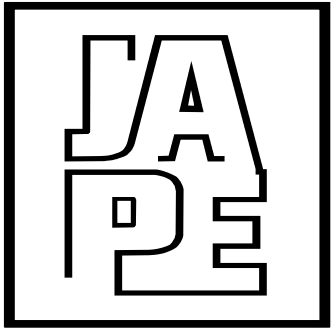
Drawing no. JA-1671-24

Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254



SEALED: 06-17-2026

| BILL OF MATERIAL |               |          |                                                             |               |                            | FL#29520.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
|------------------|---------------|----------|-------------------------------------------------------------|---------------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|----|-------------|--|--|--|--|--|--|--|--|-------|------------|--|--|--------|-----|--|--|-----------|----|--|--|-----------|----|--|--|-------------|------------|--|--|
| BILL OF MATERIAL |               |          |                                                             |               |                            | <div><div><div>JA<br/>PE</div></div><div><div>JAVAD AHMAD PE, inc</div><div>7875 NW 12 Street, Suite 102<br/>Doral, FL 33126<br/>Ph: (305) 424-8001<br/>support@ja-pe.com</div><div><div>CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS</div></div></div></div> <div>PROJECT :</div> <div>PRO-TECH 7SG ALUMINUM CURTAINWALL SYSTEM</div> <div>CLIENT :</div> <div>CRAWFORD TRACEY CORPORATION</div> <div>3301 S.W. 13TH DR.,<br/>DEERFIELD BEACH, FL 33442<br/>(954) 698-6888</div> <div>REVISION</div> <table><tr><th>No.</th><th>DATE</th><th>BY</th><th>DESCRIPTION</th></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td>Date:</td><td colspan="3">06-15-2026</td></tr><tr><td>Scale:</td><td colspan="3">N/A</td></tr><tr><td>Drawn by:</td><td colspan="3">DK</td></tr><tr><td>Check by:</td><td colspan="3">PK</td></tr><tr><td>Drawing no.</td><td colspan="3">JA-1671-24</td></tr></table> <div>Eng: JAVAD AHMAD, PE<br/>CIVIL FLA. PE # 70592 - C.A.N.34254</div> <div><div><div><div>JAVAD AHMAD<br/>LICENSE<br/>No 70592<br/>STATE OF<br/>FLORIDA<br/>PROFESSIONAL ENGINEER</div></div><div>SEALED: 06-17-2026</div></div><div>44</div><div>OF 45</div></div> | No. | DATE | BY | DESCRIPTION |  |  |  |  |  |  |  |  | Date: | 06-15-2026 |  |  | Scale: | N/A |  |  | Drawn by: | DK |  |  | Check by: | PK |  |  | Drawing no. | JA-1671-24 |  |  |
| No.              | DATE          | BY       | DESCRIPTION                                                 |               |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
|                  |               |          |                                                             |               |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
|                  |               |          |                                                             |               |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| Date:            | 06-15-2026    |          |                                                             |               |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| Scale:           | N/A           |          |                                                             |               |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| Drawn by:        | DK            |          |                                                             |               |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| Check by:        | PK            |          |                                                             |               |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| Drawing no.      | JA-1671-24    |          |                                                             |               |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| ITEM NO.         | PART NO.      | QUANTITY | DESCRIPTION                                                 | MATERIAL      | MANF. / SUPPLIER / REMARKS |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 1                | I70H342       | AS REQD. | FRAME HEAD / HORIZONTAL                                     | 6005A - T61   | -                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 1A               | I70H344       | AS REQD. | ALT. FRAME HEAD                                             | 6005A - T61   | -                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 2                | I70P176       | AS REQD. | FRAME HEAD / SILL / ALT. JAMB                               | 6005A - T61   | -                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 2A               | I70P177       | AS REQD. | ALT FRAME HEAD / SILL                                       | 6005A - T61   | -                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 3                | I70J176       | AS REQD. | FRAME JAMB                                                  | 6005A - T61   | -                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 4                | -             | AS REQD. | INT. FILLER CHANNEL (LAM. GLASS)                            | ALUMINUM      | -                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 4A               | -             | AS REQD. | INT. FILLER CHANNEL (INSUL. LAM. GLASS)                     | ALUMINUM      | -                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 5                | -             | AS REQD. | EXT. FILLER CHANNEL (LAM. GLASS)                            | ALUMINUM      | -                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 5A               | -             | AS REQD. | EXT. FILLER CHANNEL (INSUL. LAM. GLASS)                     | ALUMINUM      | -                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 6                | T30U119       | AS REQD. | SNAP IN COVER                                               | 6063 - T6     | -                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 6A               | I70P344       | AS REQD. | ALT. SNAP IN COVER                                          | 6063 - T6     | -                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 7                | I70C270       | AS REQD. | 270° MULLION ADAPTER                                        | 6063 - T6     | -                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 7A               | I70C125       | AS REQD. | 125° MULLION ADAPTER                                        | 6063 - T6     | -                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 8                | I70M113       | AS REQD. | MALE JAMB MULLION                                           | 6005A - T61   | -                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 8A               | I70M115       | AS REQD. | ALT. MALE JAMB MULLION                                      | 6005A - T61   | -                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 9                | I70M114       | AS REQD. | FEMALE JAMB MULLION                                         | 6005A - T61   | -                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 9A               | I70M116       | AS REQD. | ALT. FEMALE MULLION                                         | 6005A - T61   | -                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 10               | I70R140       | AS REQD. | SPLICE                                                      | 6005A - T61   | 45" LONG                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 11               | B32B070       | AS REQD. | SUB-BUCK                                                    | 6005A - T61   | -                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 12               | I70X116       | AS REQD. | 5" LONG SETTING PIECE (INSUL. LAM. GLASS)                   | 6005A - T61   | AT 1/4 POINTS              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 12A              | I70X118M      | AS REQD. | 10" LONG SETTING PIECE (INSUL. LAM. GLASS)                  | 6005A - T61   | AT 1/4 POINTS              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 12B              | I70X121       | AS REQD. | 5" LONG SETTING PIECE (LEVEL 'E' GLASS)                     | 6005A - T61   | AT 1/4 POINTS              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 12C              | 170X120       | AS REQD. | 5" LONG SETTING PIECE (INSUL. LAM. GLASS) (AT APPLIED FINS) | 6005A - T61   | -                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 12D              | 170X119       | AS REQD. | 5" LONG SETTING PIECE (LAM. GLASS) (AT APPLIED FINS)        | POLYPROPYLENE | -                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 13               | #2            | AS REQD. | GLAZING SPACER                                              | ST. STEEL     | -                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 14               | 1/4" X 1-1/4" | AS REQD. | FRAME ASSEMBLY SCREWS                                       | -             | PAN HEAD PHILLIPS          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 15               | C5 X 9        | AS REQD. | STEEL CHANNEL                                               | EPDM          | -                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 16               | -             | AS REQD. | SETTING BLOCK (1/16" OR 1/8" X 5") AT 1/4 POINT             | EPDM          | DUROMETER ± SHORE A        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 16A              | -             | AS REQD. | SETTING BLOCK (1/16" OR 1/8" X 10") AT 1/4 POINT            | 6063 - T6     | DUROMETER ± SHORE A        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 17               | S15F227       | AS REQD. | APPLIED TRIM CAP (OPTIONAL)                                 | 6063 - T6     | -                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 18               | S34F227       | AS REQD. | APPLIED TRIM CAP (OPTIONAL)                                 | 6063 - T6     | -                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 19               | -             | AS REQD. | DOUBLE SIDED GLAZING TAPE                                   | FOAM          | -                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 20               | -             | AS REQD. | 12" FIN RETAINER                                            | 6005A - T61   | -                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 21               | -             | AS REQD. | 12" APPLIED FIN                                             | 6005A - T61   | -                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 22               | -             | AS REQD. | 14" FIN RETAINER                                            | 6005A - T61   | -                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 23               | -             | AS REQD. | 14" APPLIED FIN                                             | 6005A - T61   | -                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 24               | -             | AS REQD. | 4" X 3/4" BAR                                               | 6005A - T61   | -                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 25               | -             | AS REQD. | HSS 5X2X5/16                                                | 6005A - T61   | -                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 26               | T34F300       | AS REQD. | EXTERIOR COVER                                              | 6005A - T61   | -                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 27               | T34M300       | AS REQD. | EXTERIOR COVER                                              | 6005A - T61   | -                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 28               | T34R300       | AS REQD. | EXTERIOR COVER                                              | 6005A - T61   | -                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 29               | I70H739       | AS REQD. | INTERMEDIATE                                                | 6005A - T61   | -                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 30               | S70H101       | AS REQD. | SUNSHADE NOSE                                               | 6005A - T61   | -                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 31               | I70F700       | AS REQD. | SUNSHADE NOSE                                               | 6005A - T61   | -                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 32               | I70H471       | AS REQD. | HORIZONTAL SUNSHADE ELLIPSE                                 | 6005A - T61   | -                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 33               | I70T200       | AS REQD. | SUNSHADE 2" DIAM. CIRCLE TUBE                               | 6005A - T61   | -                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 34               | I70H742       | AS REQD. | SUNSHADE TUBE                                               | 6005A - T61   | -                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 35               | I44H432       | AS REQD. | SUNSHADE TUBE (45SG TRANSOM)                                | 6063 - T6     | -                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 36               | I70A739       | AS REQD. | HORIZONTAL ADAPTOR                                          | 6005A - T61   | -                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |
| 37               | I70H743       | AS REQD. | HORIZONTAL ADAPTOR                                          | 6005A - T61   | -                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |      |    |             |  |  |  |  |  |  |  |  |       |            |  |  |        |     |  |  |           |    |  |  |           |    |  |  |             |            |  |  |



JAVAD AHMAD PE, inc

7875 NW 12 Street, Suite 102  
Doral, FL 33126  
Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING  
ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

PRO-TECH 7SG ALUMINUM  
CURTAINWALL SYSTEM

CLIENT :

CRAWFORD TRACEY  
CORPORATION

3301 S.W. 13TH DR.,  
DEERFIELD BEACH, FL 33442  
(954) 698-6888

REVISION

| No. | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
|     |      |    |             |
|     |      |    |             |

Date: 06-15-2026

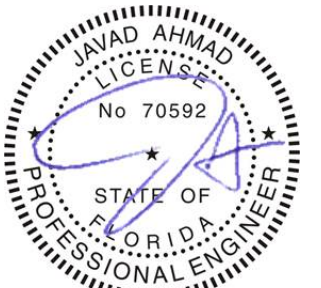
Scale: N/A

Drawn by: DK

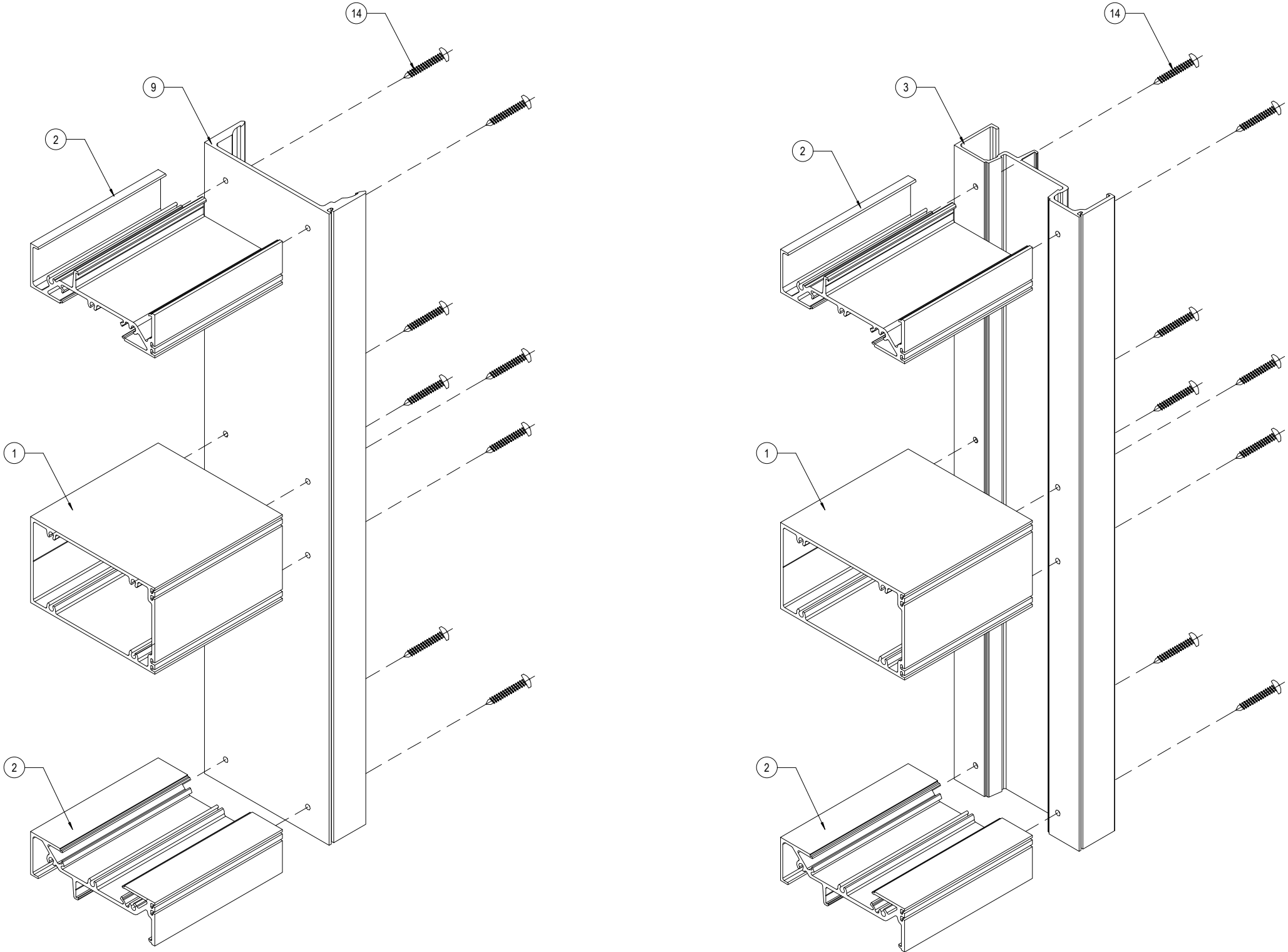
Check by: PK

Drawing no. JA-1671-24

Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254



SEALED: 06-17-2026



1 CORNER CONSTRUCTION DETAIL