

GENERAL NOTES:

1. SERIES DUBAI GLAZED SECTIONAL GARAGE DOOR LARGE MISSILE IMPACT RESISTANT (L.M.I), SHOWN ON THIS PRODUCT EVALUATION DOCUMENT (P.E.D.) HAS BEEN VERIFIED FOR COMPLIANCE IN ACCORDANCE WITH THE 2023 (8th EDITION) OF THE FLORIDA BUILDING CODE. SERIES DUBAI SECTIONAL GARAGE DOOR LARGE MISSILE IMPACT RESISTANT, MAY BE INSTALLED AT HIGH VELOCITY HURRICANE ZONES. (H.V.H.Z.) OR OUT OF IT (N.H.V.H.Z.)

DESIGN WIND LOADS SHALL BE DETERMINED AS PER SECTIONS 1620 AND 1609 OF THE ABOVE MENTIONED CODE, USING ASCE 7-22 AND SHALL NOT EXCEED THE MAXIMUM (A.S.D.) DESIGN PRESSURE RATINGS INDICATED ON NOTE 2 BELOW.

IN ORDER TO VERIFY THE ABOVE CONDITION, ULTIMATE DESIGN WIND LOADS DETERMINED PER ASCE 7-22 SHALL BE FIRST REDUCED TO A.S.D. DESIGN WIND LOADS BY MULTIPLYING THEM BY 0.6 IN ORDER TO COMPARE THESE W/ MAX. (A.S.D.) DESIGN PRESSURE RATINGS INDICATED ON NOTE 2 BELOW.

IN ORDER TO VERIFY THAT ANCHORS ON THIS P.E.D., AS TESTED, WERE NOT OVER STRESSED, A 33% INCREASE IN ALLOWABLE STRESS FOR WIND LOADS WAS NOT USED IN THEIR ANALYSIS. ANCHOR'S SPACING TO WOOD HAS BEEN DETERMINED IN ACCORDANCE WITH N.D.S. 2018.

THIS PRODUCT'S ADEQUACY FOR IMPACT AND FATIGUE RESISTANCE HAS BEEN VERIFIED IN ACCORDANCE WITH SECTIONS 1626 AND 1609.1.2 OF THE ABOVE MENTIONED CODE AS PER PROTOCOLS TAS-201, TAS-202, TAS-203, PER IFET, Inc. LABORATORY REPORTS #TR-IFET-25-0067 &TR-IFET-26-0043 AND AS PER STRUCTURAL CALCULATIONS, PERFORMED AS PER SECTIONS 1616 AND 1604 OF THE FLORIDA BUILDING CODE. GLASS HAS BEEN VERIFIED PER ASTM E-1300, PER SECTION 2404.1 OF THE FLORIDA BUILDING CODE.

2. MAXIMUM A.S.D. DESIGN PRESSURE RATINGS AND IMPACT RESISTANT QUALIFICATIONS FOR THIS PRODUCT SHALL BE AS SHOWN ON SHEETS 6 THRU 10 (ELEVATIONS). MAXIMUM ANCHOR SPACING SHALL BE AS SHOWN ON SHEET 12.

3. THIS PRODUCT, WILL NOT REQUIRE A HURRICANE PROTECTION DEVICE.

4. ALL ALUMINUM EXTRUSIONS IN CONTACT WITH DISSIMILAR MATERIALS SHALL COMPLY WITH SECTION III-6 OF THE 2020 ALUMINUM DESIGN MANUAL.

5. ALL SCREWS USED FOR ASSEMBLY CONNECTIONS (METAL TO METAL) TO BE STAINLESS STEEL 304 OR 316 AISI SERIES OR CORROSION RESISTANT COATED CARBON STEEL AS PER DIN 50018 AND SECTION 2411.3.3.4 OF THE FLORIDA BUILDING CODE WITH 50 ksi YIELD STRENGTH AND 90 ksi TENSILE STRENGTH.

6. WOOD BUCKS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE BUILDING STRUCTURE. WOOD BUCKS MUST BE SOUTHERN PINE WITH G = 0.55, AND SHALL COMPLY WITH SECTIONS 2411.3.3.3 AND 2411.3.3.4 OF THE FLORIDA BUILDING CODE.

(6.1) 2X WOOD BUCKS MUST BE PROPERLY ANCHORED TO EXISTING STRUCTURE TO TRANSFER LOADS TO IT. ANCHORAGE IS INDEPENDENT OF PRODUCT'S ANCHORAGE TO BUCKS. DOOR FRAME MUST BE SEPARATELY ANCHORED TO 2X WOOD BUCK FOLLOWING DETAILS ON THIS P.E.D.

(6.2.) 1X WOOD BUCK (OR ANY WOOD BUCK LESS THAN 2X) MUST BE PROPERLY ANCHORED TO EXISTING STRUCTURE TO TRANSFER LOADS TO IT. ANCHOR SHALL BE USED TO ATTACH 1X WOOD BUCK TO EXISTING STRUCTURE BY DRIVING ANCHOR THRU BOTH DOOR FRAME & 1X WOOD BUCK INTO EXISTING STRUCTURE W/PROPER ANCHOR EMBEDMENT AND EDGE DISTANCE AS SHOWN ON THIS P.E.D.

(6.3.) DOOR FRAME MAY BE DIRECTLY CONNECTED TO EXISTING STRUCTURE WITH NO NEED OF WOOD BUCKS. HOWEVER, SHIMS (SEE NOTE 8) MAY BE ALLOWED AT DOOR FRAME ANCHOR LOCATION IF NEEDED. ANCHOR TO HAVE PROPER EMBEDMENT AND EDGE DISTANCE AS SHOWN ON THIS P.E.D.

7. ANCHOR NOTES: EMBEDMENT AND EDGE DISTANCE ARE BEYOND ANY FINISH.

- (A.1) TO EXISTING POURED CONCRETE: (MIN. f'c = 3500 psi), MIN. EDGE DISTANCE (E.D.)=3 1/8".
- 5/16"Ø ULTRACON ANCHORS 2" MIN. EMBEDMENT, AS MANUFACTURED BY DEWALT. THRU 1" P.T. WOOD BUCK OR WITHOUT BUCK.
- (A.2) TO EXISTING POURED CONCRETE: (MIN. f'c=3000 psi) MIN. EDGE DISTANCE (E.D.)=3"
- 3/8"Ø SCREW BOLT+ 2 1/2"MIN. EMBEDMENT, AS MANUFACTURED BY DEWALT. THRU 1"P.T. WOOD BUCK OR WITHOUT BUCK.
- (B) TO EXISTING A.S.T.M. C-90 CONCRETE BLOCK WALL: (MIN. f'c=2000psi GROUTED) MIN. EDGE DISTANCE (E.D.) = 3 1/4".
- 3/8"Ø SCREW BOLT W/ 3 1/4" MIN. EMBEDMENT, AS MANUFACTURED BY DEWALT. THRU 1" P.T. WOOD BUCK OR WITHOUT BUCK.
- (C) TO EXISTING DOUBLE 2x P.T. WOOD BUCK (G ≥ 0.55): MIN. EDGE DISTANCE (E.D.) = 1 1/2".
- 5/16"Ø OR 3/8"Ø LAG SCREWS W/ 3" MIN. EMBEDMENT, PER N.D.S
- (D) TO EXISTING MIN. 1/8" THICK ALUMINUM MULLION (6063-T5 ALLOY): MIN. EDGE DISTANCE (E.D.) = 1".
- 5/16"Ø DRILL FLEX, AS MANUFACTURED BY DEWALT. FULLY EMBEDDED PLUS 3 THREADS BEYOND.
- (E) TO EXISTING MIN.1/8"THK. STEEL MEMBER (ASTM A-500, A-653 OR A-36): MIN. EDGE DISTANCE (E.D.)=1".
-5/16"Ø DRILL FLEX, AS MANUFACTURED BY DEWALT. FULLY EMBEDDED PLUS 3 THREADS BEYOND.

8. PROVIDE 1/4" MAX. LOAD BEARING SHIM SPACE (TYP.), IF NEEDED.

9. COMPONENTS FOR THIS PRODUCT, SHALL BE AS INDICATED ON BILL OF MATERIALS, ON SHEET 2 OF THIS P.E.D.

10. MANUFACTURER LABEL SHALL BE PLACED ON A READILY VISIBLE LOCATION AT PRODUCT IN ACCORDANCE WITH SECTION 1709.5 OF THE FLORIDA BUILDING CODE. ONE LABEL SHALL BE PLACED FOR EVERY UNIT.

11. (a) THIS P.E.D. PREPARED BY THIS ENGINEER IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT; i.e. WHERE THE SITE CONDITIONS DEViate FROM THE P.E.D.

(b) CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION INCLUDING LIFE SAFETY OF THIS PRODUCT, BASED ON THIS P.E.D., PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT. CONSTRUCTION SAFETY AT SITE IS THE CONTRACTOR'S RESPONSIBILITY.

(c) THIS P.E.D. WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.

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

12. LIFTING MECHANISM IS NOT PART OF THIS APPROVAL BUT SHALL BE CAPABLE TO LIFT DOOR'S WEIGHT.

13. THE ENGINEER'S SEAL AFFIXED HEREIN VALIDATES THE STRUCTURAL DESIGN AS PRESENTED SOLELY. ANY USE OF THIS SPECIFICATION BY THE CONTRACTOR OR OTHERS INDEMNIFIES AND SAVES THE ENGINEER HARMLESS FROM ALL COSTS AND DAMAGES, INCLUDING LEGAL FEES AND APPELLATE FEES ARISING FROM MATERIAL FABRICATION, SYSTEM ERECTION, AND CONSTRUCTION PRACTICES BEYOND THE SCOPE CALLED FOR BY LOCAL, STATE, AND FEDERAL CODES OR DEVIATIONS FROM THE P.E.D.

14. NO ADDITIONAL CERTIFICATIONS OR AFFIRMATIONS ARE INTENDED BEYOND WHAT IS EXPRESSLY PROVIDED IN THIS DOCUMENT. ALTERATIONS, ADDITIONS OR ANY MARKINGS TO THIS DOCUMENT ARE STRICTLY PROHIBITED AND WILL INVALIDATE THIS CERTIFICATION.

15. FINISH/COLOR, Etc. FOR THIS INSTALLATION PRODUCT SHALL BE COORDINATED BETWEEN OWNERS OF PREMISES, ARCHITECTS OF RECORD & CONTRACTOR.

16. DOORS INSTALLATION SHALL COMPLY WITH SPECS INDICATED IN THIS DRAWING PLUS ANY BUILDING AND ZONING REGULATIONS PROVIDED BY THE JURISDICTION WHERE PERMIT IS APPLIED TO.

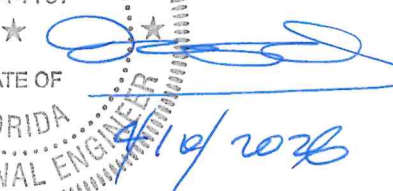
WALTER A. TILLIT JR.

LICENSE

No. 44167

STATE OF FLORIDA

PROFESSIONAL ENGINEER



P.E. SEAL/SIGNATURE/DATE

FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)					
© 2025 TILTECO, INC.			SERIES DUBAI GLAZED ALUMINUM SECTIONAL GARAGE DOOR L.M.I		W.H DRAWN BY:
 TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone : (305)871-1530 . Fax : (305)871-1531 CA-0006719 WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44167			ALL GLASS GARAGE DOORS, LLC. 1567 NW 82TH AVE DORAL, FL 33126 Phone: (305)6452555		12/02/2025 DATE:
					25-073 DRAWING No.
REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	GENERAL	2/27/26	3	-	-
2	18' UNREINFORCED	3/24/26	4	-	-
					SHEET 1 of 14

BILL OF MATERIALS (SEE SHEET 5 FOR GLAZED COMPONENTS)					
COMPONENT	DESCRIPTION	DIMENSIONS/REMARKS	MATERIAL	PART #	NOTES
①	INTERMEDIATE RAIL	SEE COMPONENT DETAIL	6005-T5 Fy=35Ksi Fu=38Ksi	AGG101	SEE CONNECTION DETAILS ON SHEET 14
②	SILL/HEAD	SEE COMPONENT DETAIL	6005-T5 Fy=35Ksi Fu=38Ksi	AGG102	SEE CONNECTION DETAILS ON SHEET 14
③	JAMBS	SEE COMPONENT DETAIL	6063-T6 Fy=25Ksi Fu=30Ksi	AGG103	SEE CONNECTION DETAILS ON SHEET 14
④	INTERMEDIATE POST	SEE COMPONENT DETAIL	6063-T6 Fy=25Ksi Fu=30Ksi	AGG104	SEE CONNECTION DETAILS ON SHEET 14
⑤	LAMINATED GLAZING BEAD	SEE COMPONENT DETAIL	6063-T6 Fy=25Ksi Fu=30Ksi	AGG105	SEE GLAZING DETAIL ON SHEET 5
⑥	INSULATED GLAZING BEAD	SEE COMPONENT DETAIL	6063-T6 Fy=25Ksi Fu=30Ksi	AGG106	SEE GLAZING DETAIL ON SHEET 5
⑦	JAMB COVER	SEE COMPONENT DETAIL	6063-T6 Fy=25Ksi Fu=30Ksi	AGG107	SEE DETAILS
7A	JAMB COVER FOR SSG	SEE COMPONENT DETAIL	6063-T6 Fy=25Ksi Fu=30Ksi	AGG107A	SEE DETAILS
⑧	STIFFENER FOR ① & ② (AS APPLICABLE)	SEE COMPONENT DETAIL	6005-T5 Fy=35Ksi Fu=38Ksi	AGG108	SEE ELEVATIONS W/ ⑧
⑨	TOP FIXTURE	SEE COMPONENT DETAIL	12 GAUGE GALV. STEEL	M-105	USE AT ③
⑩	UNIVERSAL HINGE	SEE COMPONENT DETAIL	11 GAUGE GALV. STEEL	M-102	USE AT ③ & ④, EXCEPT AS NOTED FOR 10A
10A	UNIVERSAL HINGE	SEE COMPONENT DETAIL	14 GAUGE GALV. STEEL	M-102A	USE AT ③ & ④, ONLY FOR UNREINFORCED DOORS WITH MAX WIDTH OF 18'-2" & DOOR AREAS UP TO 150 SQUARE FEET.
⑪	HALF HINGE	SEE COMPONENT DETAIL	14 GAUGE GALV. STEEL	M-103	USE AT ①
⑫	LOCK	SEE COMPONENT DETAIL	GALV. STEEL	M-104	USE (2) AT ③
⑬	BOTTOM FIXTURE	SEE COMPONENT DETAIL	12 GAUGE GALV. STEEL	M-101	USE AT ③
⑭	NYLON ROLLER	SEE COMPONENT DETAIL	GALV. STEEL	M-106	SEE DETAILS
⑮	BOTTOM GASKET	SEE COMPONENT DETAIL	EPDM	G-101	CONT. SEE DETAILS
⑯	BULB GASKET	SEE COMPONENT DETAIL	POLYPROPYLENE	G-102	USE IN BETWEEN PANELS AND GLAZING DETAIL
⑰	GASKET	SEE COMPONENTS DETAIL	EPDM	G-103	FOR GLASS PANELS & SOLID PANELS
18A	SETTING BLOCK FOR LAMINATED GLASS G1, G2	1/2"x3/16"	EPDM	-	SEE GLAZING DETAIL ON SHEET 5
18B	SETTING BLOCK FOR INSULATED GLASS G1A, G2A	1"x3/16"	EPDM	-	SEE GLAZING DETAIL ON SHEET 5
18C	SETTING BLOCK FOR G3 GLASS	1 1/4"x3/16"	EPDM	-	SEE GLAZING DETAIL ON SHEET 5
⑰	TEK SCREW	1/4"Ø-14 x 1"	S.S	-	SEE DETAILS
⑳	JAMB BRACKET (#7 THRU #(15-18))	SEE COMPONENT DETAIL	GALV. STEEL	-	SEE DETAILS, 2¼" LONG
㉑	DOOR TRACK 3" OR 2"	SEE COMPONENT DETAIL	GALV. STEEL	-	BOLTED TO ㉒ W/ ㉓
㉓	BOLT	1/4"Ø-20x1/2" W/WASHERED NUT	AISI 304 SERIES S.S	-	㉑ CONNECTION TO ㉒
㉔	ASSEMBLY SCREW	#12x1"	AISI 304 SERIES S.S	-	JOINT ③, ④ TO ①, ②
㉕	SILICONE	GE SILPRUF SCS2000	SILICONE SEALANT	-	MANUFACTURED BY GENERAL ELECTRIC

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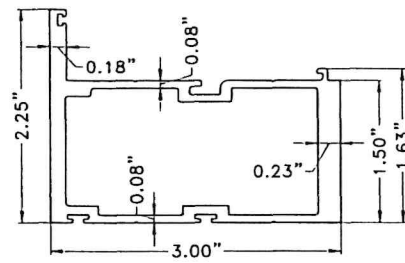
SERIES DUBAI GLAZED ALUMINUM
SECTIONAL GARAGE DOOR L.M.I

ALL GLASS GARAGE DOORS, LLC.
1567 NW 82TH AVE
DORAL, FL 33126
Phone: (305)6452555

W.H
DRAWN BY:
12/02/2025
DATE:
25-073
DRAWING No.

REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	GENERAL	2/27/26	3	-	-
2	18' UNREINFORCED	3/24/26	4	-	-

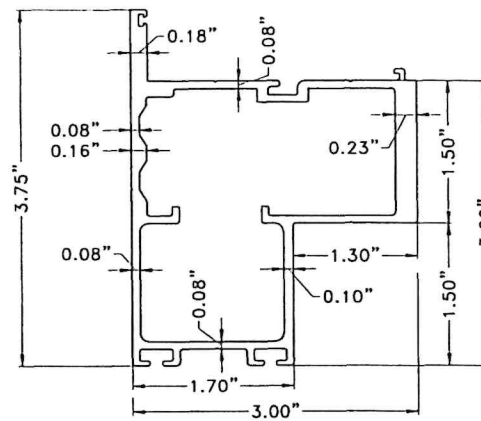
SHEET 2 OF 14



1 INTERMEDIATE RAIL

ALLOY 6005-T5

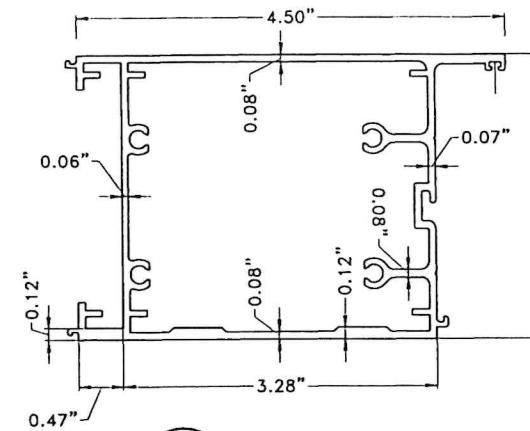
AGG101



2 SILL/HEAD

ALLOY 6005-T5

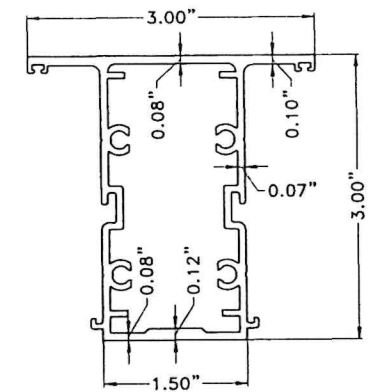
AGG102



3 JAMBS

ALLOY 6063-T6

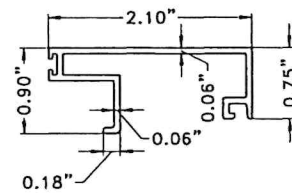
AGG103



4 INTERMEDIATE POST

ALLOY 6063-T6

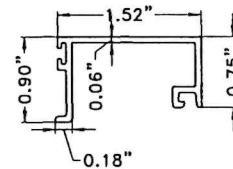
AGG104



5 LAMINATED
GLAZING BEAD

ALLOY 6063-T6

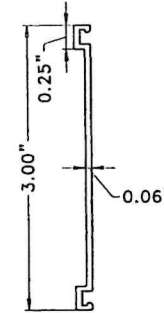
AGG105



6 INSULATED
GLAZING BEAD

ALLOY 6063-T6

AGG106

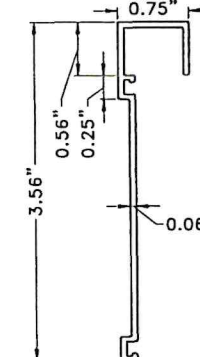


JAMB COVER

7

ALLOY 6063-T6

AGG107

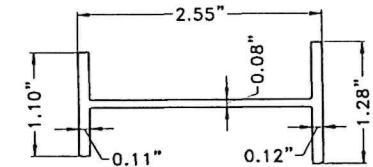


JAMB COVER
FOR SSG

7A

ALLOY 6063-T6

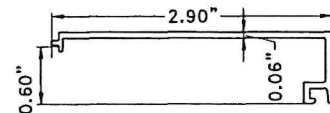
AGG107A



8 STIFFENER FOR (1) & (2)
(AS APPLICABLE)

ALLOY 6005-T5

AGG108



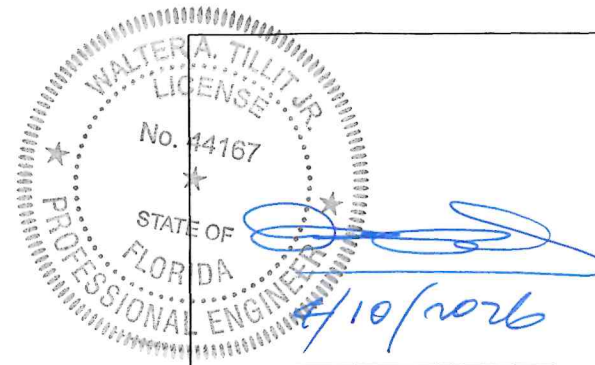
8A FRAMELESS COVER
FOR SSG

ALLOY 6063-T6

AGG109

COMPONENTS: ALUMINUM

SCALE: N.T.S



P.E. SEAL/SIGNATURE/DATE

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SECTIONAL GARAGE DOOR L.M.I

W.H
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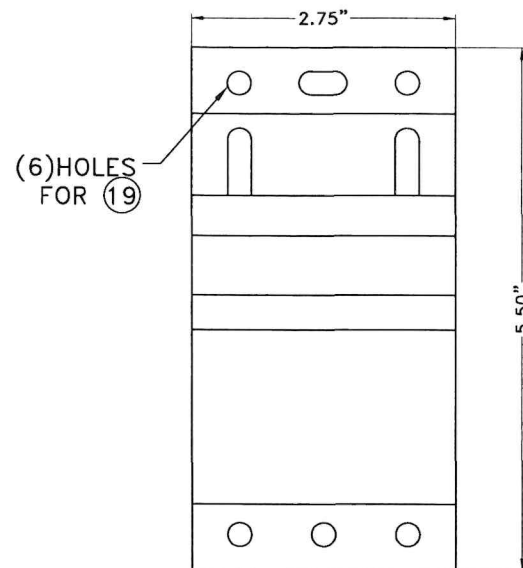
12/02/2025
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25-073

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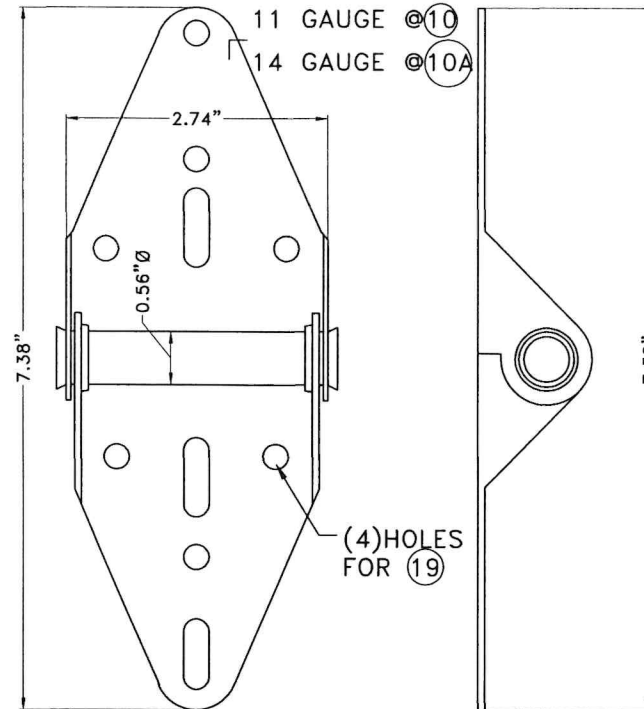
SHEET 3 of 14



9 TOP FIXTURE

Material:
12 GAUGE GALVANIZED STEEL
Fy=33 Ksi MIN.

M-105

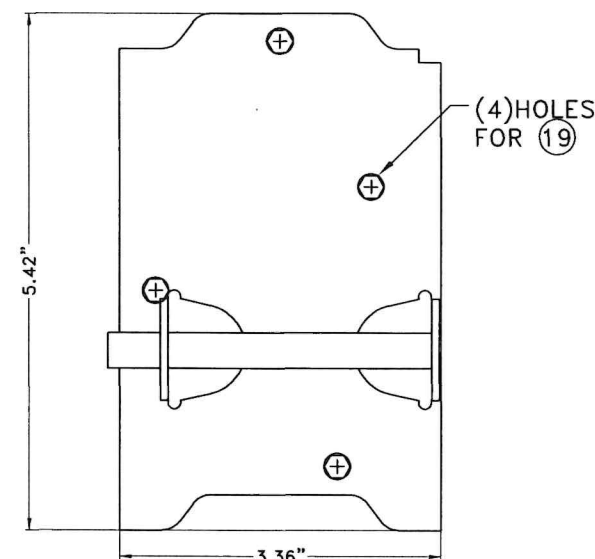


10 UNIVERSAL HINGE

10A UNIVERSAL HINGE
(SEE SHEETS 2 & 9 FOR LIMITATIONS)

Material:
GALVANIZED STEEL Fy=33 Ksi MIN.

M-102



13 BOTTOM FIXTURE

Material:
12 GAUGE GALVANIZED STEEL
Fy=33 Ksi MIN.

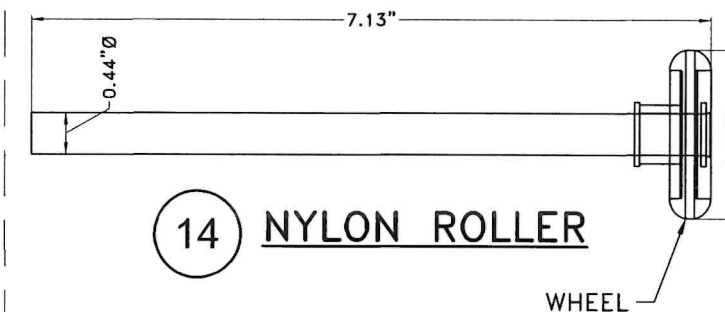
M-101

COMPONENTS: CONT (HARDWARE & ELSE)

SCALE: N.T.S

Material:
GALVANIZED STEEL

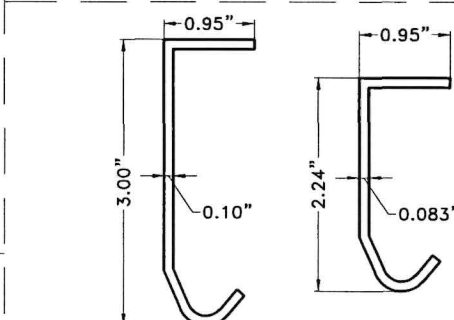
M-106



14 NYLON ROLLER

Material:
GALVANIZED STEEL

M-106

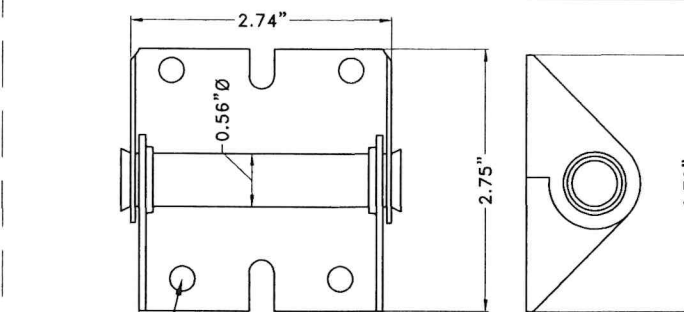


21 DOOR TRACK
3" OR 2"*

Material:
GALVANIZED STEEL Fy=42Ksi

11 GA.

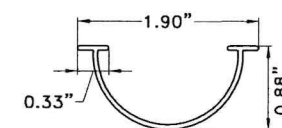
* USE 3" TRACK FOR ALL DESIGN LOADS AND DOOR
WIDTHS & HEIGHTS.
USE 2" TRACK ONLY FOR UP TO 62 psf DESIGN LOAD
AND 18'-2" MAX DOOR WIDTH.



11 HALF HINGE

Material:
14 GAUGE GALVANIZED STEEL Fy=33 Ksi MIN.

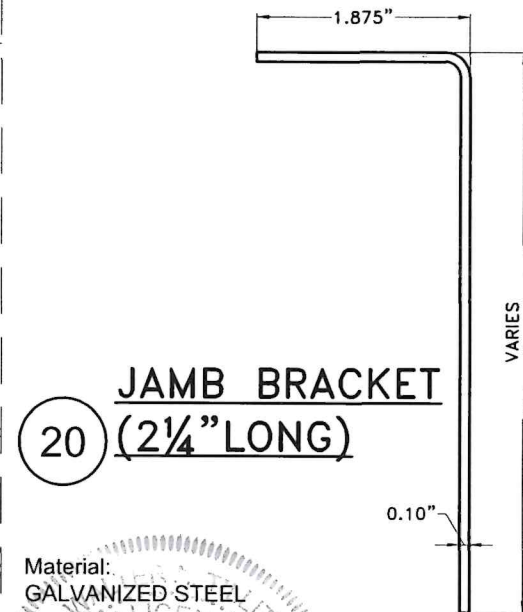
M-103



15 BOTTOM GASKET

MATERIAL: VIRGIN EPDM
SPECIFIC GRAVITY : 1.462 g/cm³
TENSILE (ASTM D-412): 1054 psi
ELONGATION (ASTM D-412): 356%
DUROMETER (ASTM D-2240): 71pts.

G-101



20 JAMB BRACKET
(2 1/4" LONG)

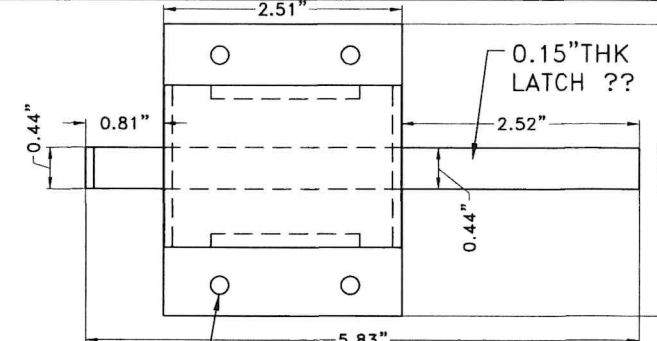
Material:
GALVANIZED STEEL
Fy=42Ksi

G-103

MATERIAL: VIRGIN EPDM
SPECIFIC GRAVITY : 1.462 g/cm³
TENSILE (ASTM D-412): 1054 psi
ELONGATION (ASTM D-412): 356%
DUROMETER (ASTM D-2240): 71pts.

18A SETTING
BLOCK FOR
LAMINATED
GLASS

Material:
EPDM (DUROMETER 80±5 SHORE A)



12 LOCK

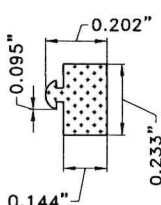
Material:
GALVANIZED STEEL

M-104

MATERIAL: POLYPROPYLENE
SPECIFIC GRAVITY (ASTM D792) : 0.980 g/cm³
TENSILE STRENGTH (ASTM D-412):
Across flow: 1660 psi
Flow: 747 psi
ELONGATION (ASTM D-412):
Across Flow: 690%
Flow: 240%
TEAR STRENGTH (ASTM D624):
Across flow: 224 Lbf/in
Flow: 170 Lbf/in
DUROMETER (ASTM D-2240): 64 SHORE A

16 BULB GASKET

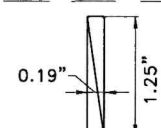
G-102



17 GASKET

18B SETTING
BLOCK FOR
INSULATED
GLASS

Material:
EPDM (DUROMETER 80±5 SHORE A)



18C SETTING
BLOCK FOR
G3 GLASS

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SERIES DUBAI GLAZED ALUMINUM
SECTIONAL GARAGE DOOR L.M.I

ALL GLASS GARAGE DOORS, LLC.
1567 NW 82TH AVE
DORAL, FL 33126
Phone: (305)6452555

W.H
DRAWN BY:

12/02/2025
DATE:

25-073

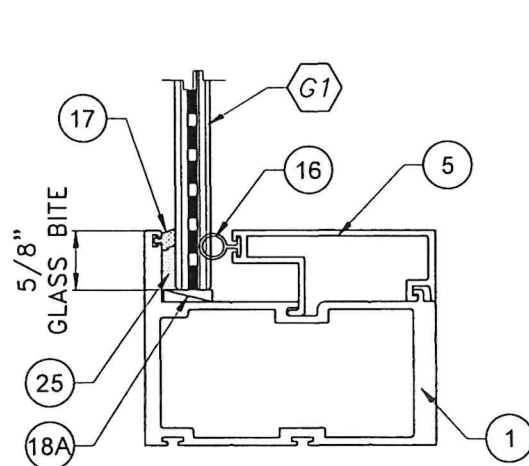
DRAWING No.

REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
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2	18' UNREINFORCED	3/24/26	4	-	-

SHEET 4 OF 14

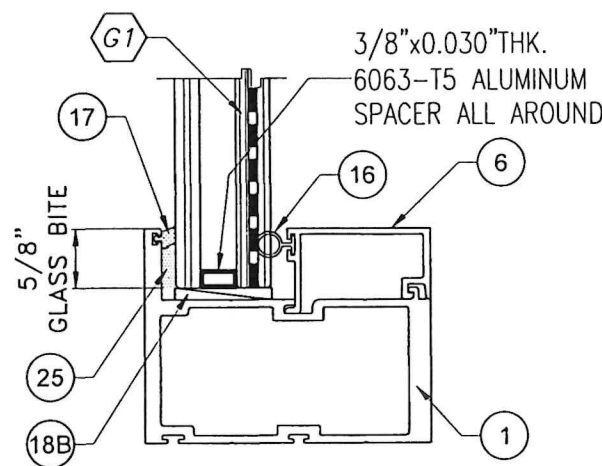
BILL OF MATERIALS (CONT'D)

COMPONENT #	DESCRIPTION	MATERIAL
G1	5/16" NOMINAL LAMINATED GLASS W/ 1/8" H.S. GLASS + 0.090" TROSIFOL PVB INTERLAYER BY KURARAY AMERICA, INC. + 1/8" H.S. GLASS.	GLASS
G1A	1" NOMINAL INSULATED LAMINATED GLASS W/ 1/8" H.S. GLASS + 0.090" TROSIFOL PVB INTERLAYER BY KURARAY AMERICA, INC. + 1/8" H.S. GLASS + 3/8" ARGON SPACER + 1/4" TEMPERED GLASS AT EXTERIOR.	GLASS
G2	5/16" NOMINAL LAMINATED GLASS W/ 1/8" H.S. GLASS + 0.090" SGP INTERLAYER BY KURARAY AMERICA, INC. + 1/8" H.S. GLASS.	GLASS
G2A	1" NOMINAL INSULATED LAMINATED GLASS W/ 1/8" H.S. GLASS + 0.090" SGP INTERLAYER BY KURARAY AMERICA, INC. + 1/8" H.S. GLASS + 3/8" ARGON SPACER + 1/4" TEMPERED GLASS AT EXTERIOR.	GLASS
G3	5/16" NOMINAL LAMINATED GLASS W/ 1/8" H.S. GLASS + 0.090" TROSIFOL PVB INTERLAYER BY KURARAY AMERICA, INC. OR 0.090" SGP INTERLAYER BY KURARAY AMERICA, INC.+ 1/8" H.S. GLASS. USE AT SSG SYSTEM.	OUTSIDE GLAZING



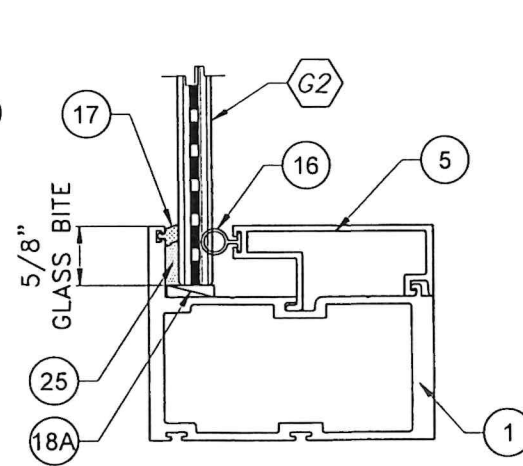
GLASS TYPE G1

USE FOR UP TO +52.0,-62.0 psf
ASD DESIGN PRESSURE
& 50ft/Sec 9Lbs 2x4 MISSILE
IMPACT LOADS.
SEE ELEVATIONS FOR
MAXIMUM D.L.O'S.



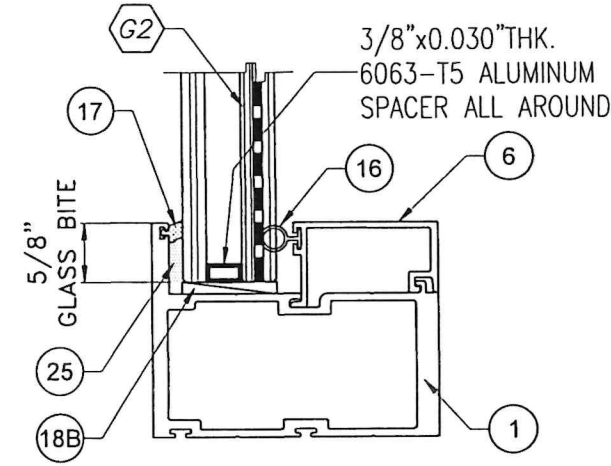
GLASS TYPE G1A

USE FOR UP TO +52.0,-62.0 psf
ASD DESIGN PRESSURE
& 50ft/Sec 9Lbs 2x4 MISSILE
IMPACT LOADS.
SEE ELEVATIONS FOR
MAXIMUM D.L.O'S.



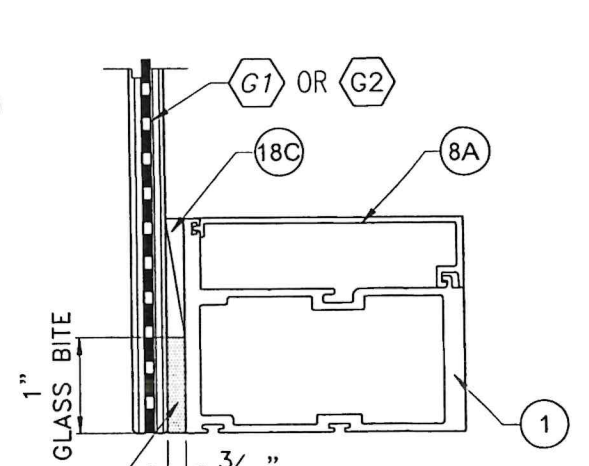
GLASS TYPE G2

USE FOR UP TO +65.0,-75.0 psf
ASD DESIGN PRESSURE
& 80ft/Sec 9Lbs 2x4 MISSILE
IMPACT LOADS.
SEE ELEVATIONS FOR
MAXIMUM D.L.O'S.



GLASS TYPE G2A

USE FOR UP TO +65.0,-75.0 psf
ASD DESIGN PRESSURE
& 80ft/Sec 9Lbs 2x4 MISSILE
IMPACT LOADS.
SEE ELEVATIONS FOR
MAXIMUM D.L.O'S.



GLASS TYPE G3:SSG

USE FOR UP TO +52.0,-62.0 psf
ASD DESIGN PRESSURE
& 50ft/Sec 9Lbs 2x4 MISSILE
IMPACT LOADS.
SEE ELEVATIONS FOR
MAXIMUM D.L.O'S.

GLAZING DETAILS
SCALE: N.T.S

WALTER A. TILLIT JR.
LICENSE
No. 44167
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
P.E. SEAL/SIGNATURE/DATE

FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

© 2025 TILTECO, INC.

TILTECO INC.

TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166
Phone : (305)871-1530 . Fax : (305)871-1531
CA-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

SERIES DUBAI GLAZED ALUMINUM
SECTIONAL GARAGE DOOR L.M.I

ALL GLASS GARAGE DOORS, LLC.
1567 NW 82TH AVE
DORAL, FL 33126
Phone: (305)6452555

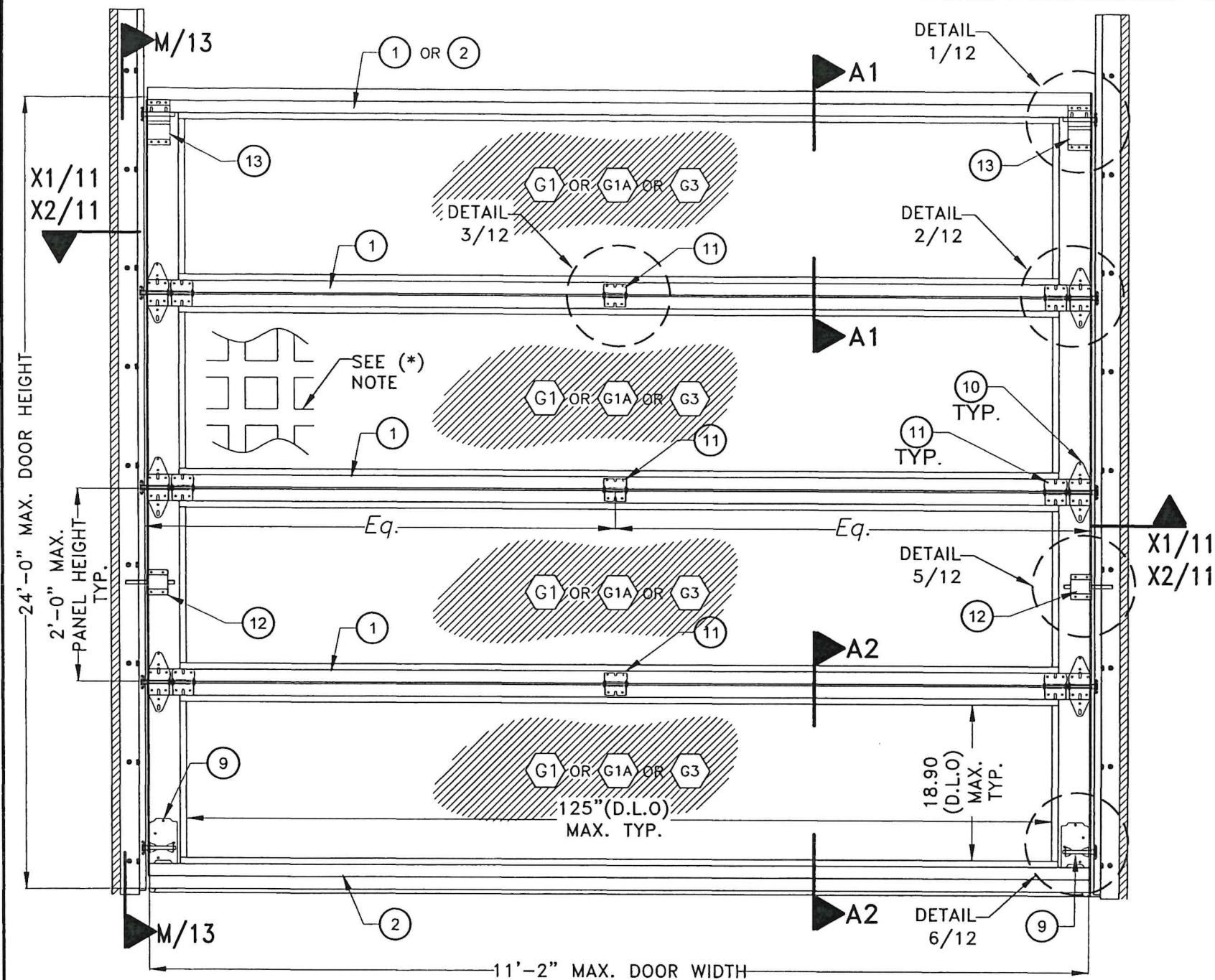
W.H
DRAWN BY:

12/02/2025
DATE:

25-073
DRAWING No.

REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	GENERAL	2/27/26	3	-	-
2	18' UNREINFORCED	3/24/26	4	-	-

SHEET 5 of 14



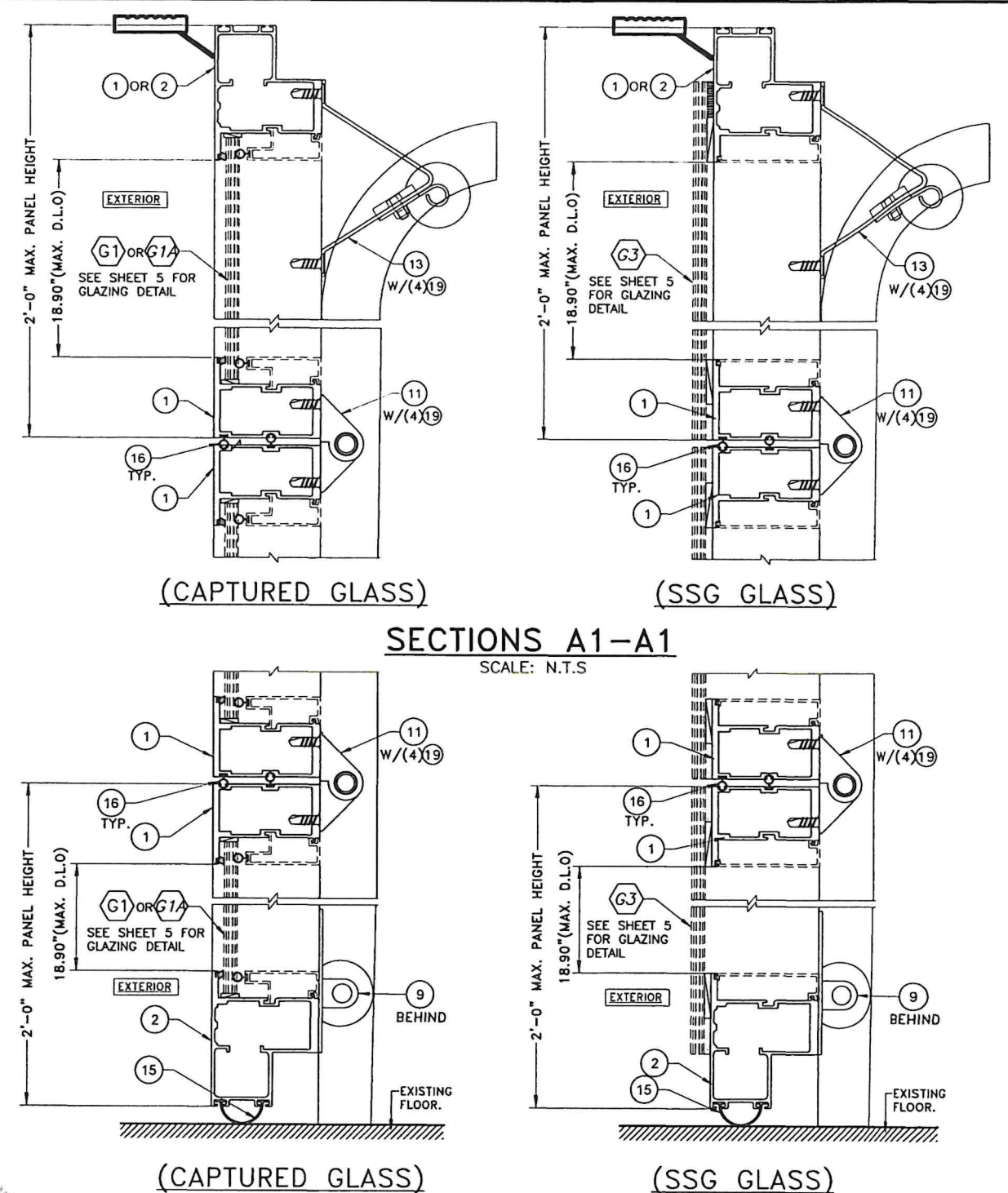
**11'-2" MAX. SINGLE DOOR INTERIOR ELEVATION
(UNREINFORCED)**

SCALE: N.T.S

(*)NOTE: OPTIONAL DECORATIVE ALUMINUM MUNTINS CONTINUOUSLY SILICONED W/ (25) TO GLASS, EXTERIOR & INTERIOR MAY INCLUDE A WHOLE ALUMINUM SHEET OR 1/4" HEAT STRENGTHENED GLASS SHEET (TYP).

MAXIMUM PRESSURE RATING:
+52.0, -62.0psf.

IMPACT LOADS:
50ft/Sec 9Lbs 2x4 MISSILE



SECTION A2-A2

SCALE: N.T.S

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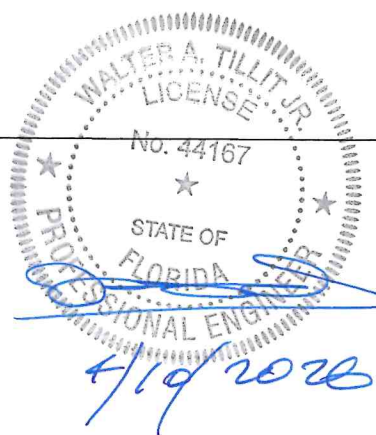
12/02/2025
DATE:

25-073

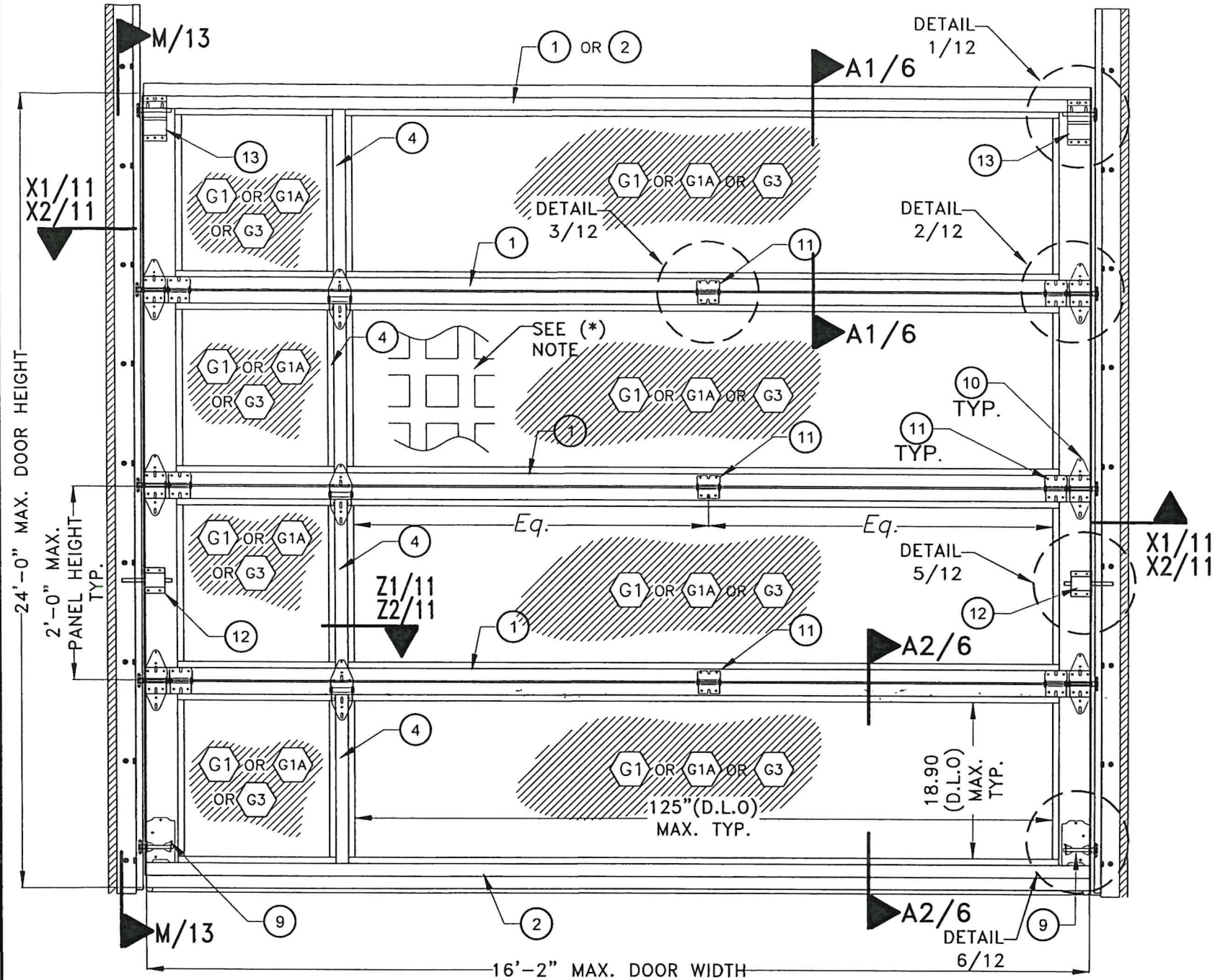
DRAWING No.

REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	GENERAL	2/27/26	3	-	-
2	18' UNREINFORCED	3/24/26	4	-	-

SHEET 6 OF 14



P.E. SEAL/SIGNATURE/DATE



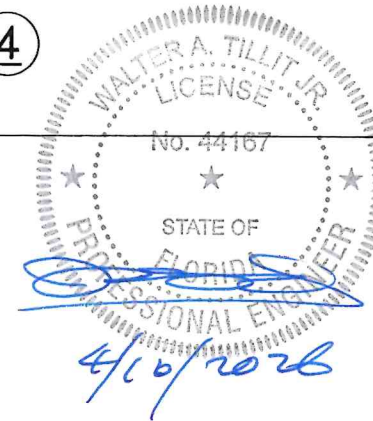
16'-2" MAX. DOUBLE DOOR W/ INTERMEDIATE POST (4)
INTERIOR ELEVATION (UNREINFORCED)

SCALE: N.T.S

(*)NOTE: OPTIONAL DECORATIVE ALUMINUM MUNTINS CONTINUOUSLY SILICONED W/ (25) TO GLASS, EXTERIOR & INTERIOR MAY INCLUDE A WHOLE ALUMINUM SHEET OR 1/4" HEAT STRENGTHENED GLASS SHEET (TYP).

MAXIMUM PRESSURE RATING:
+52.0, -62.0psf.

IMPACT LOADS:
50ft/Sec 9Lbs 2x4 MISSILE



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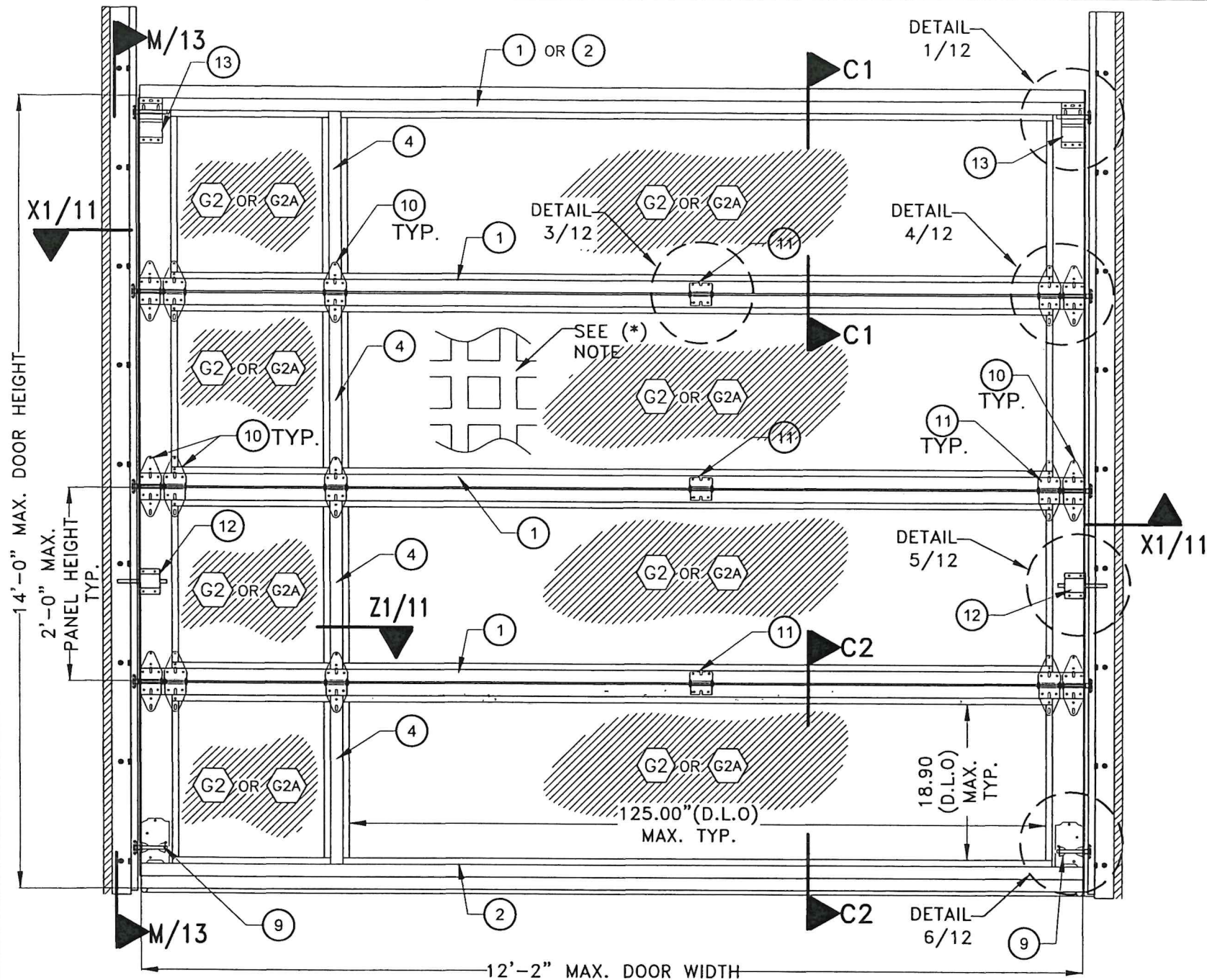
12/02/2025
 DATE:

25-073

DRAWING No.

REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	GENERAL	2/27/26	3	-	-
2	18' UNREINFORCED	3/24/26	4	-	-

SHEET 7 OF 14



12'-2" MAX. SINGLE DOOR W/INTERMEDIATE POST (4)
INTERIOR ELEVATION (UNREINFORCED)

SCALE: N.T.S

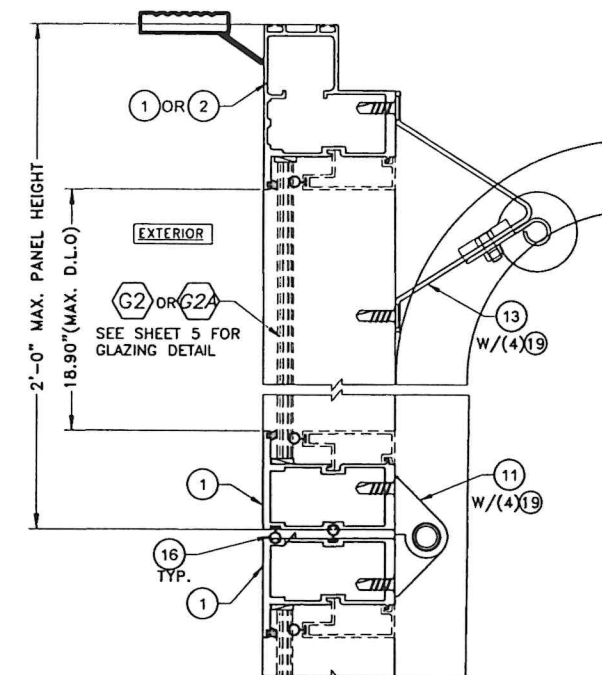
(*)NOTE: OPTIONAL DECORATIVE ALUMINUM MUNTINS CONTINUOUSLY SILICONED W/ (25) TO GLASS, EXTERIOR & INTERIOR MAY INCLUDE A WHOLE ALUMINUM SHEET OR 1/4" HEAT STRENGTHENED GLASS SHEET (TYP).

MAXIMUM PRESSURE RATING:

+65.0, -75.0psf.

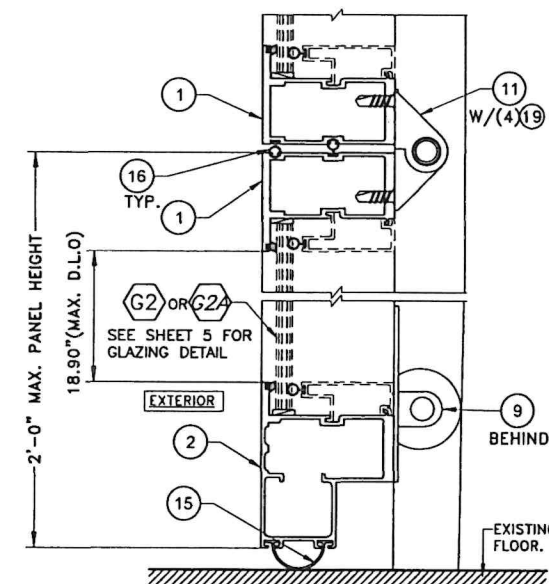
IMPACT LOADS:

80ft/Sec 9Lbs 2x4 MISSILE



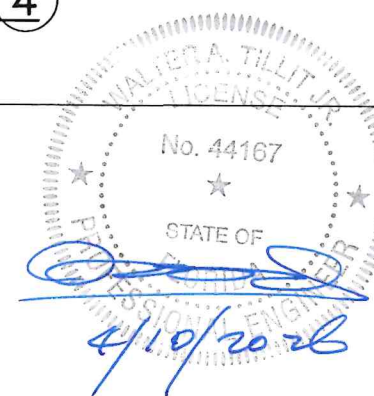
SECTION C1-C1

SCALE: N.T.S



SECTION C2-C2

SCALE: N.T.S



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W.H
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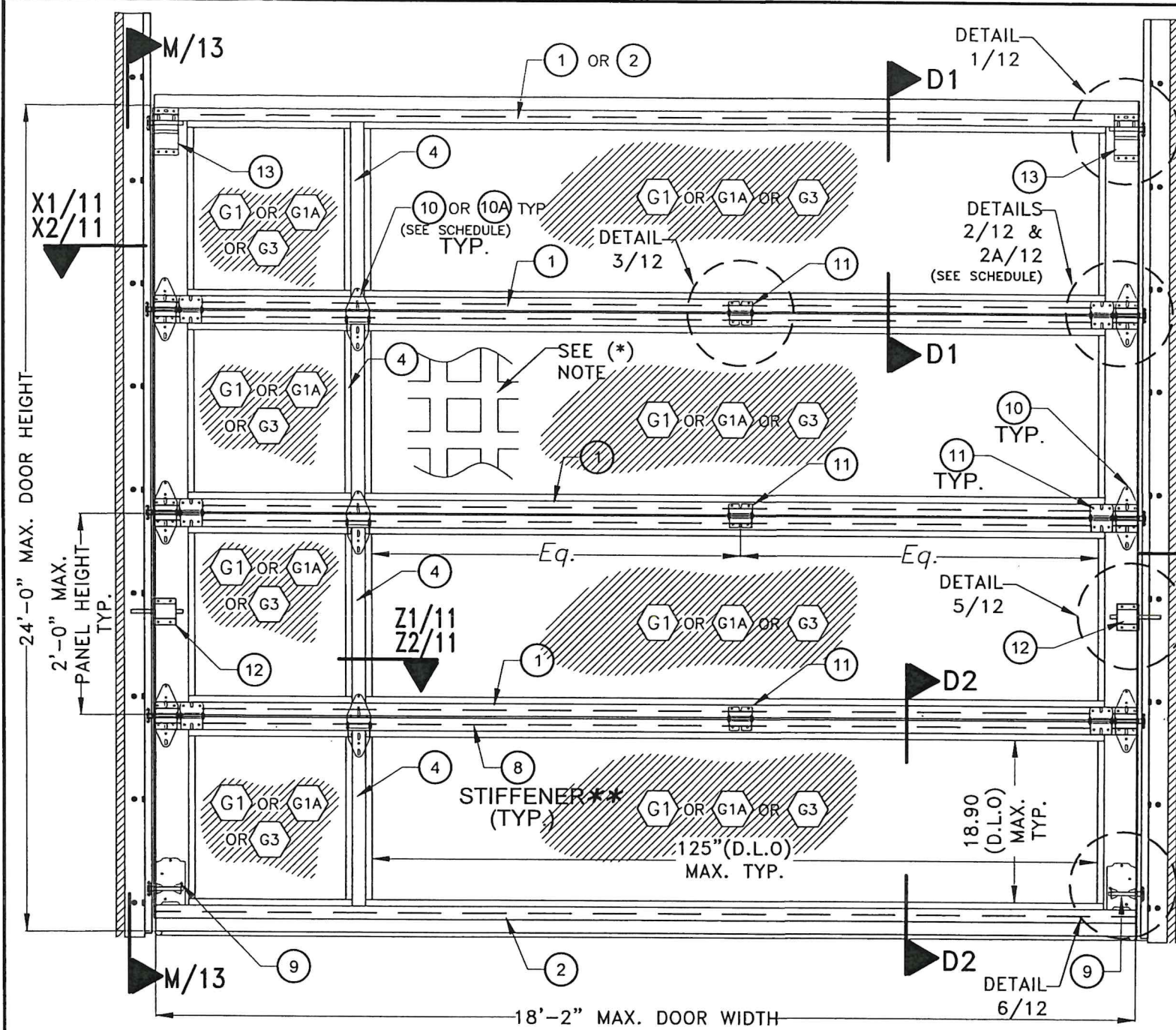
12/02/2025
 DATE:

25-073

DRAWING No.

REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
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2	18' UNREINFORCED	3/24/26	4	-	-

SHEET 8 of 14

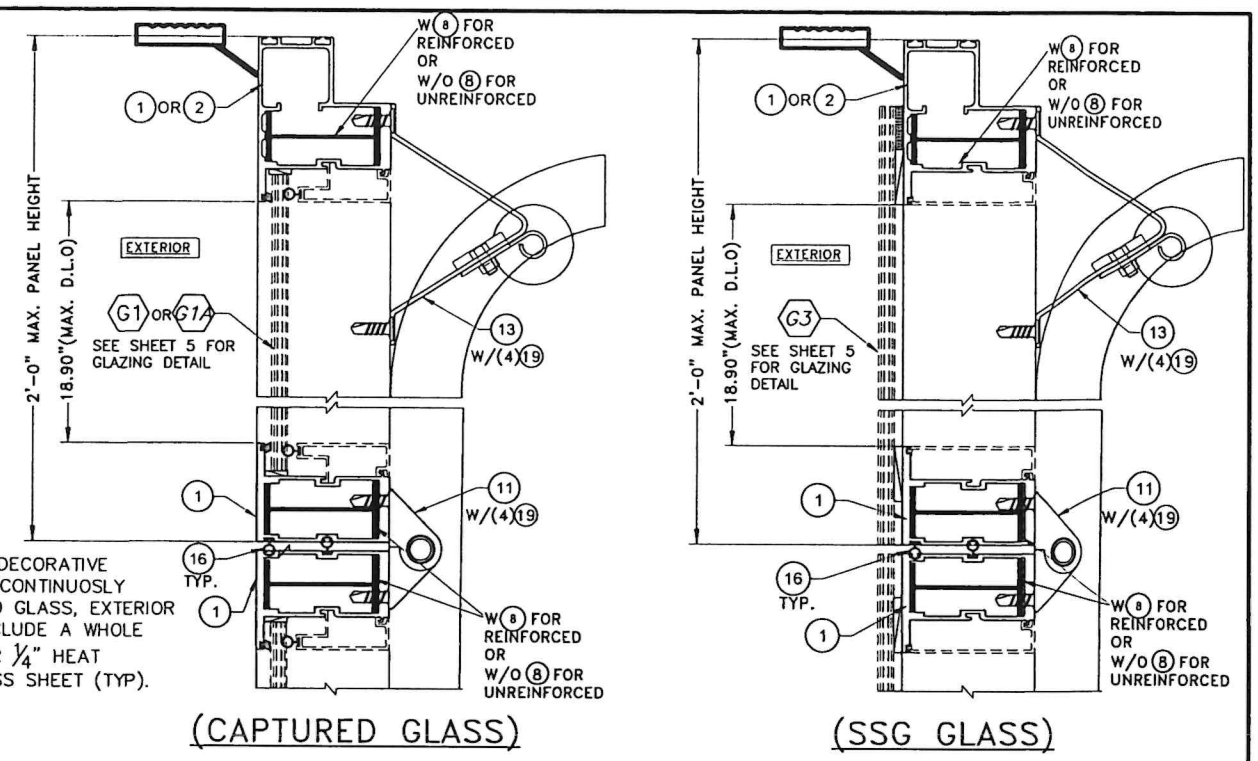


18'-2" MAX. DOUBLE DOOR W/ INTERMEDIATE POST (4)
 INTERIOR ELEVATION (REINFORCED OR UNREINFORCED)

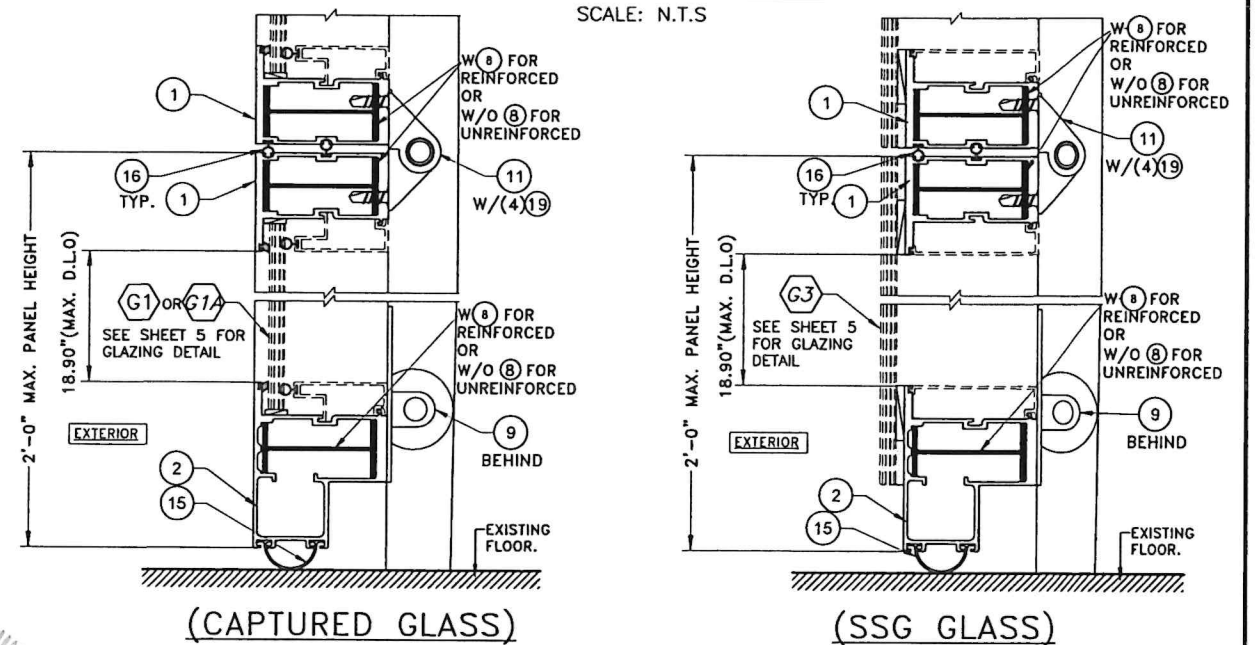
AT (1) & (2)**
 SCALE: N.T.S

REINFORCED W (8)		UNREINFORCED W/O (8)	
AT (1) & (2) ** W/ DETAIL 2		AT (1) & (2) ** W/ DETAIL 2A	
MAX PRESSURE RATING (PSF)	IMPACT LOADS	MAX PRESSURE RATING (PSF)	IMPACT LOADS
+52.0 , -62.0	50 FT/SEC 9LB 2x4 MISSILE	+50.0 , -50.0	50 FT/SEC 9LB 2x4 MISSILE

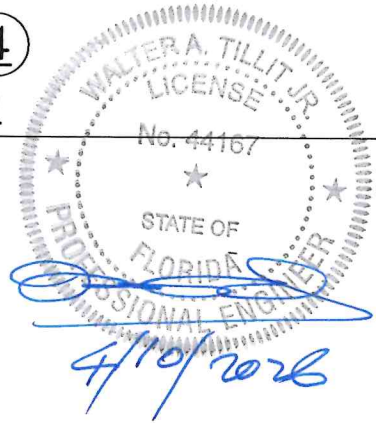
(*)NOTE: OPTIONAL DECORATIVE ALUMINUM MUNTINS CONTINUOUSLY SILICONED W/ (23) TO GLASS, EXTERIOR & INTERIOR MAY INCLUDE A WHOLE ALUMINUM SHEET OR 1/4" HEAT STRENGTHENED GLASS SHEET (TYP).



SECTIONS D1-D1
 SCALE: N.T.S



SECTIONS D2-D2 (REINFORCED OR UNREINFORCED)
 SCALE: N.T.S



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 DORAL, FL 33126
 Phone: (305)6452555

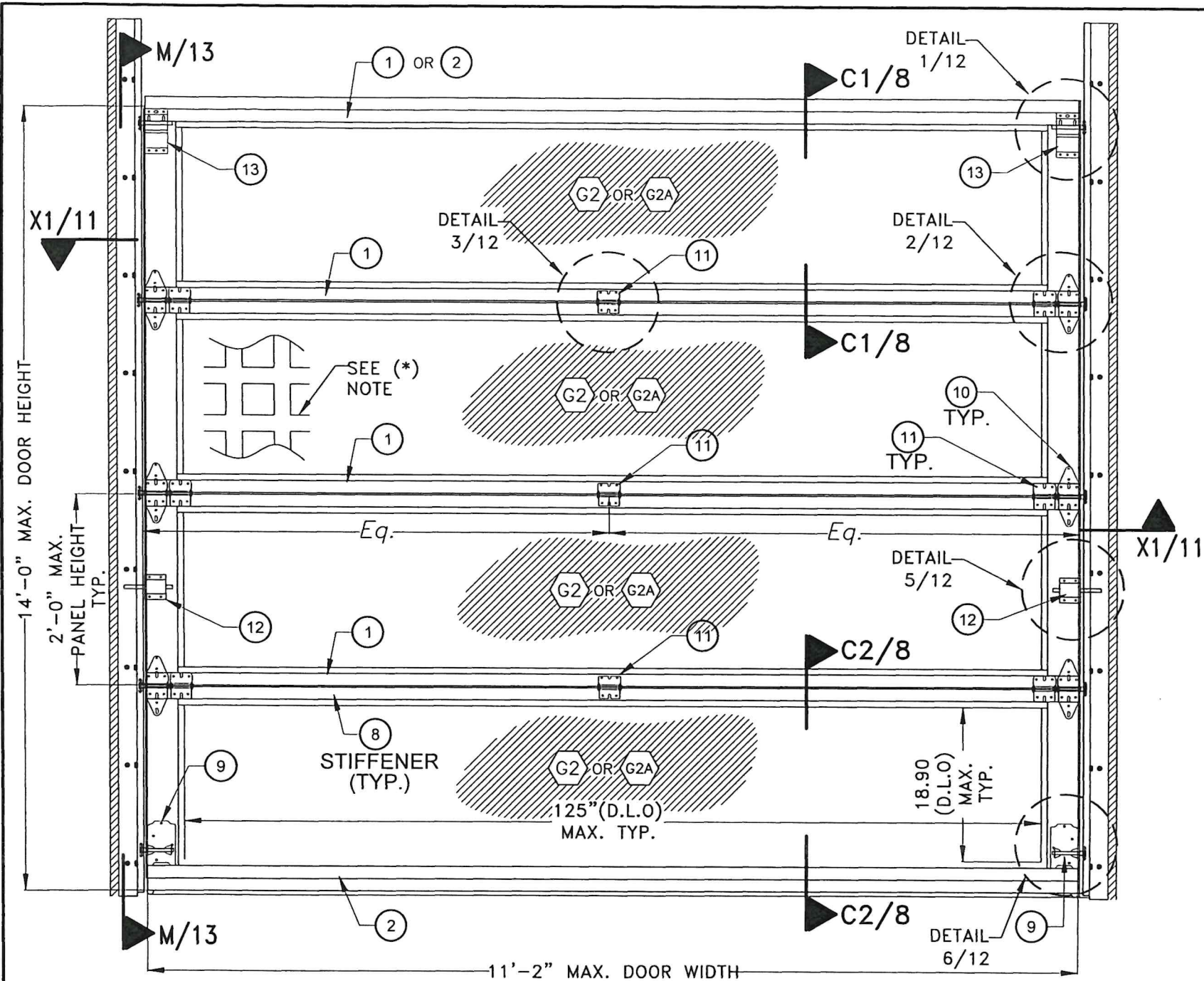
W.H
 DRAWN BY:

12/02/2025
 DATE:

25-073
 DRAWING No.

REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	GENERAL	2/27/26	3	-	-
2	18' UNREINFORCED	3/24/26	4	-	-

SHEET 9 OF 14



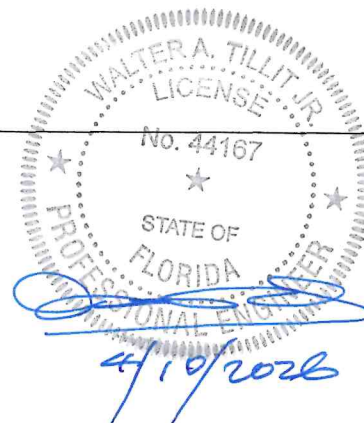
**11'-2" MAX. SINGLE DOOR INTERIOR ELEVATION
(UNREINFORCED)**

SCALE: N.T.S

(*)NOTE: OPTIONAL DECORATIVE ALUMINUM MUNTINS CONTINUOUSLY SILICONED W/ (25) TO GLASS, EXTERIOR & INTERIOR MAY INCLUDE A WHOLE ALUMINUM SHEET OR 1/4" HEAT STRENGTHENED GLASS SHEET (TYP).

MAXIMUM PRESSURE RATING:
+65.0, -75.0psf.

IMPACT LOADS:
80ft/Sec 9Lbs 2x4 MISSILE



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SECTIONAL GARAGE DOOR L.M.I

W.H
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DORAL, FL 33126
Phone: (305)6452555

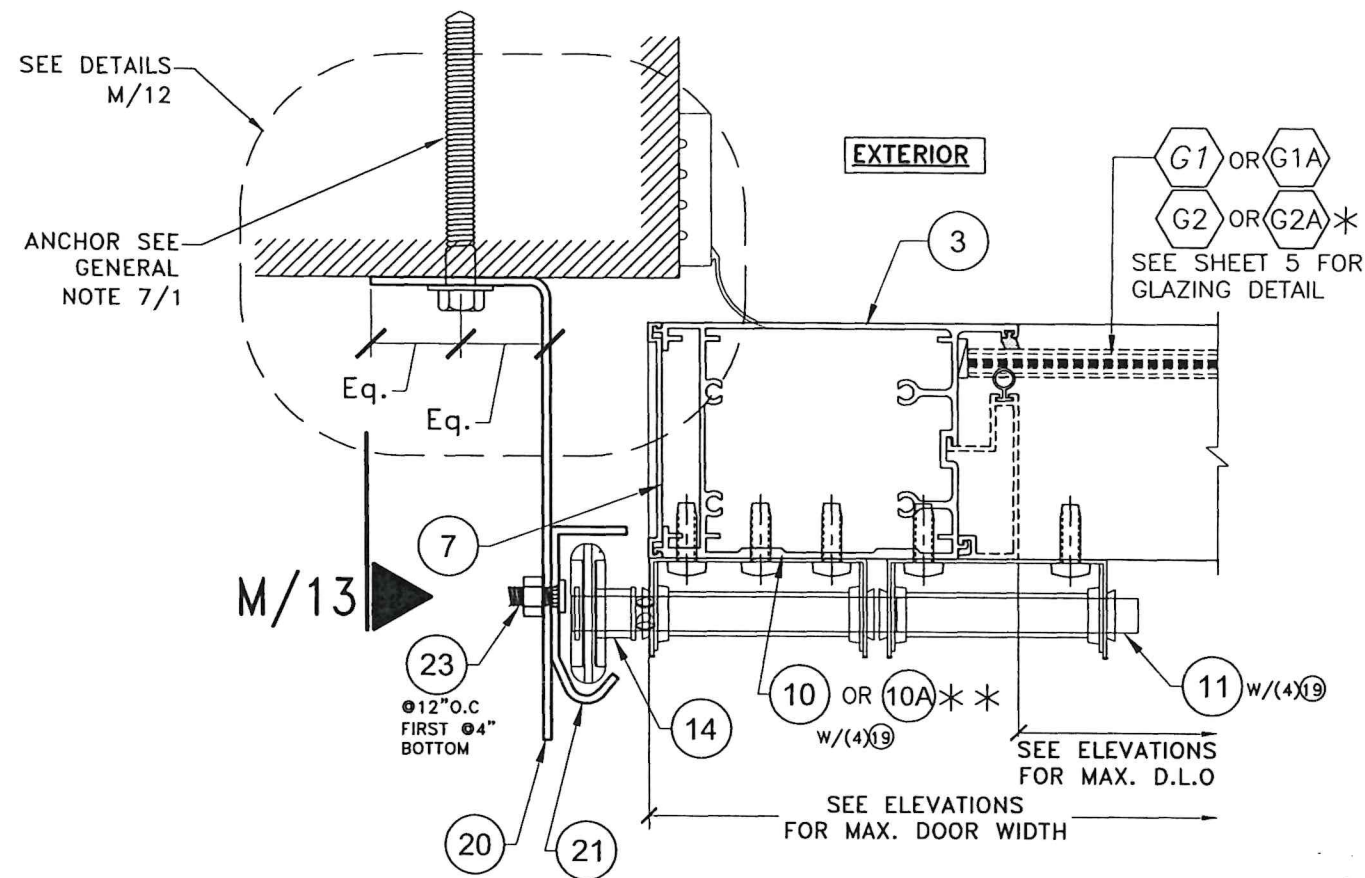
12/02/2025
DATE:

25-073

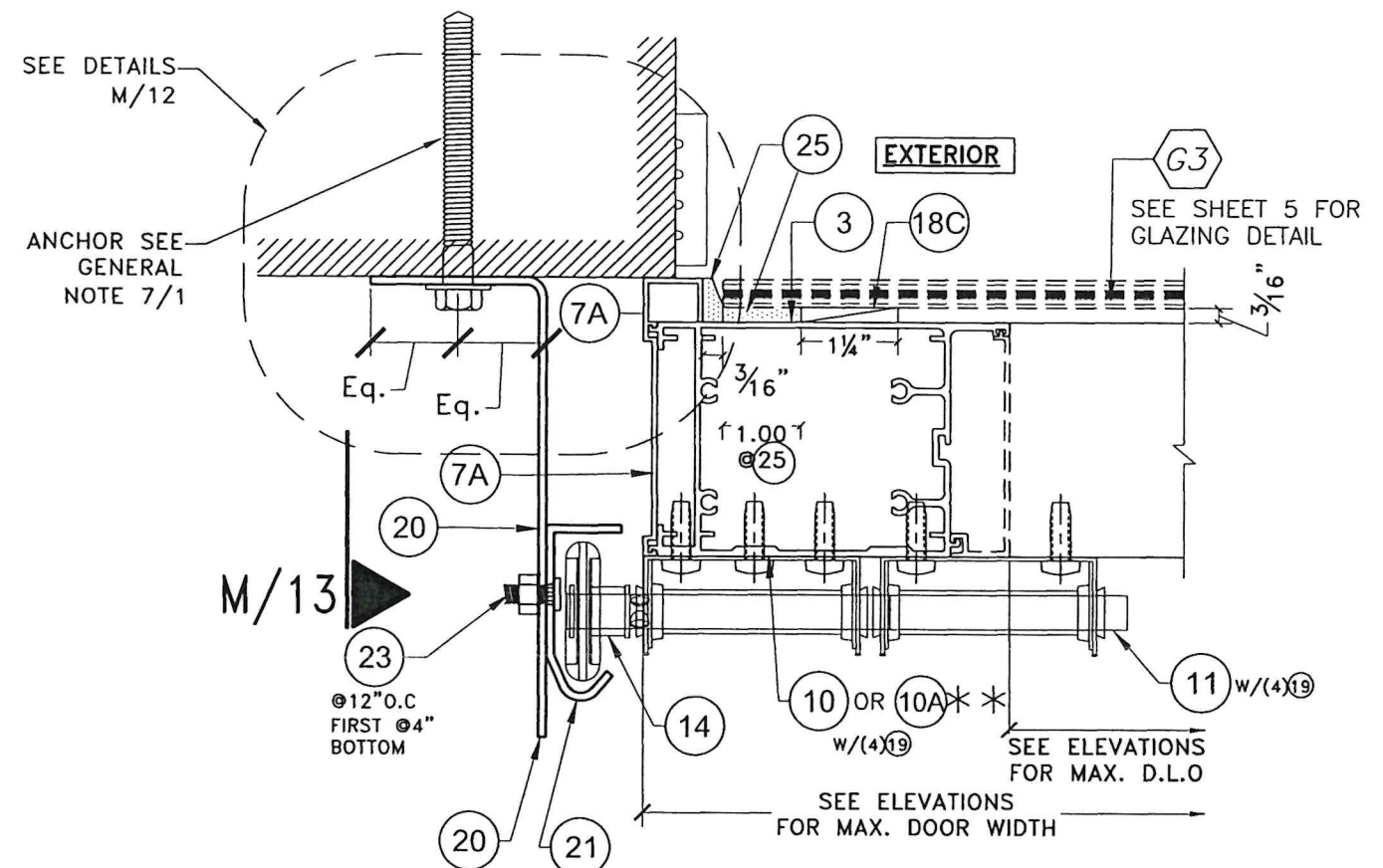
DRAWING No.

REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	GENERAL	2/27/26	3	-	-
2	18' UNREINFORCED	3/24/26	4	-	-

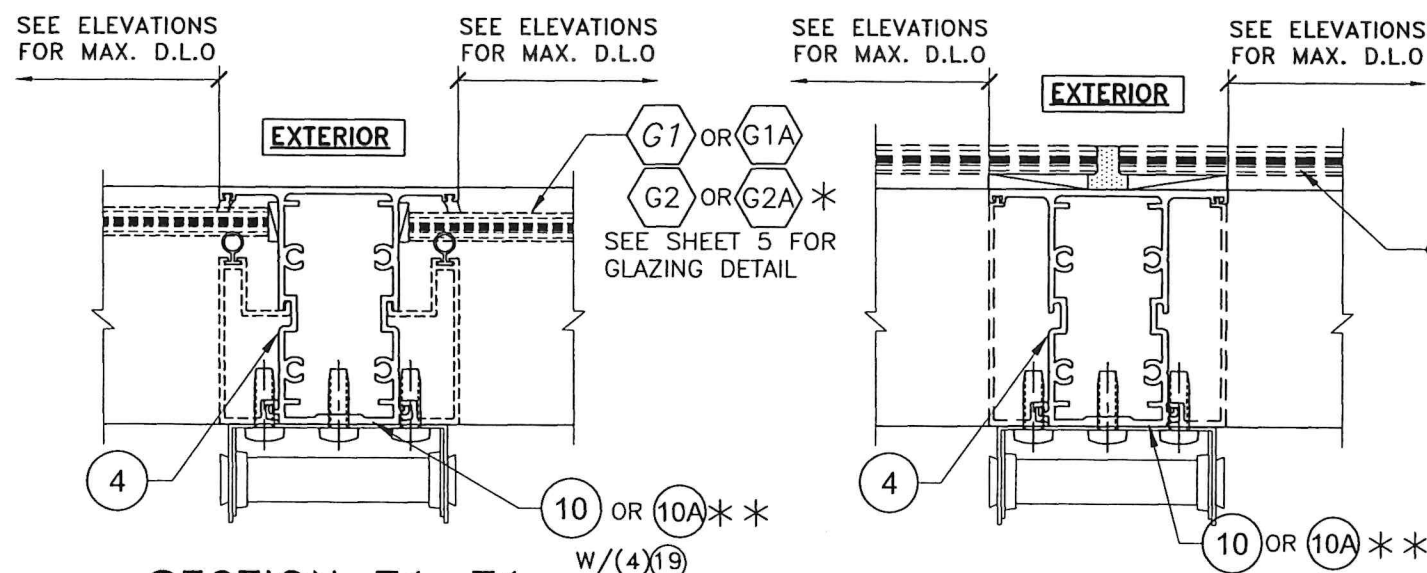
SHEET 10 OF 14



SECTION X1-X1
SCALE: N.T.S



SECTION X2-X2 (SSG)
SCALE: N.T.S

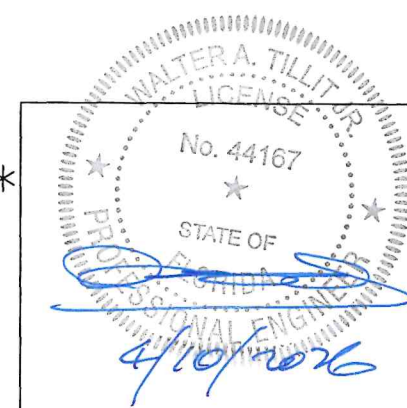


SECTION Z1-Z1
SCALE: N.T.S

SECTION Z2-Z2 (SSG)
SCALE: N.T.S

*G2 & G2A ARE REQUIRED FOR +65,-75psf & 80 FT/Sec 2x4 MISSILE RATING.

** SEE BILL OF MATERIALS ON SHEET 2 & SHEET 9 FOR LIMITATIONS REGARDING THE USE OF 10 OR 10A UNIVERSAL HINGES.



P.E. SEAL/SIGNATURE/DATE

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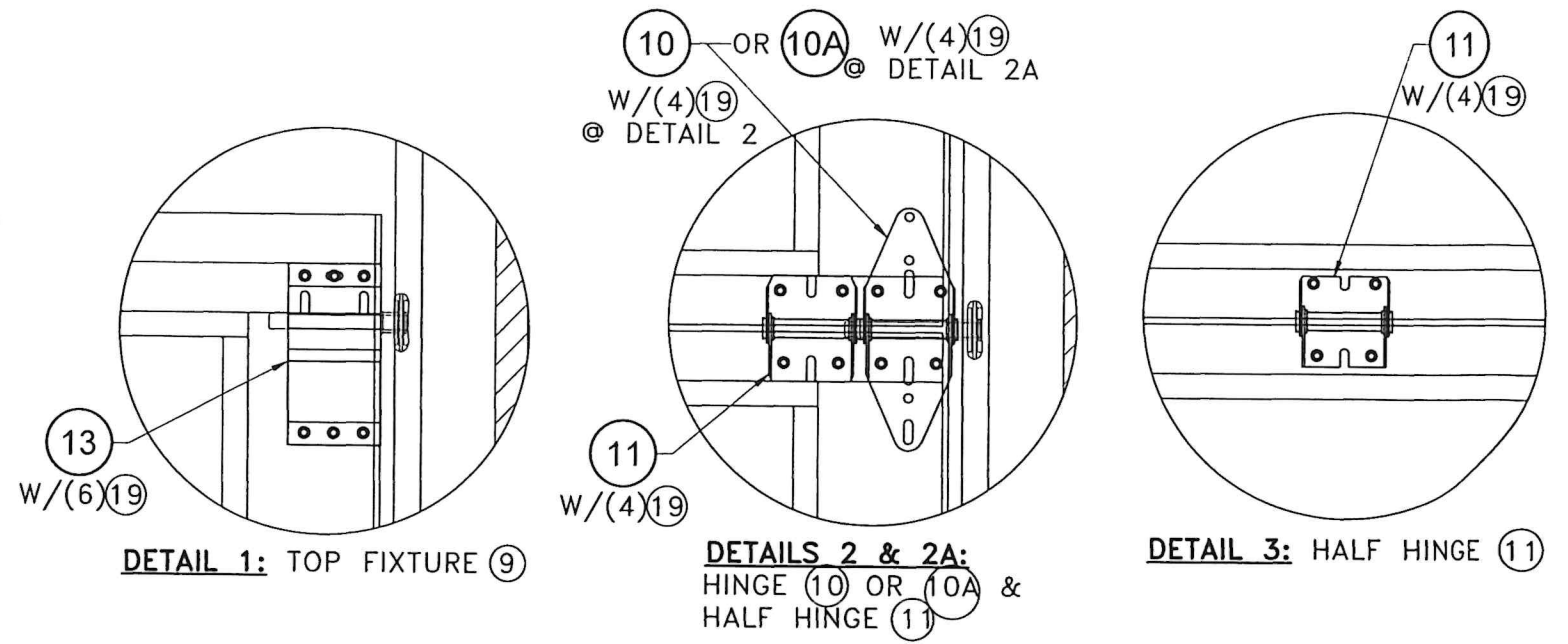
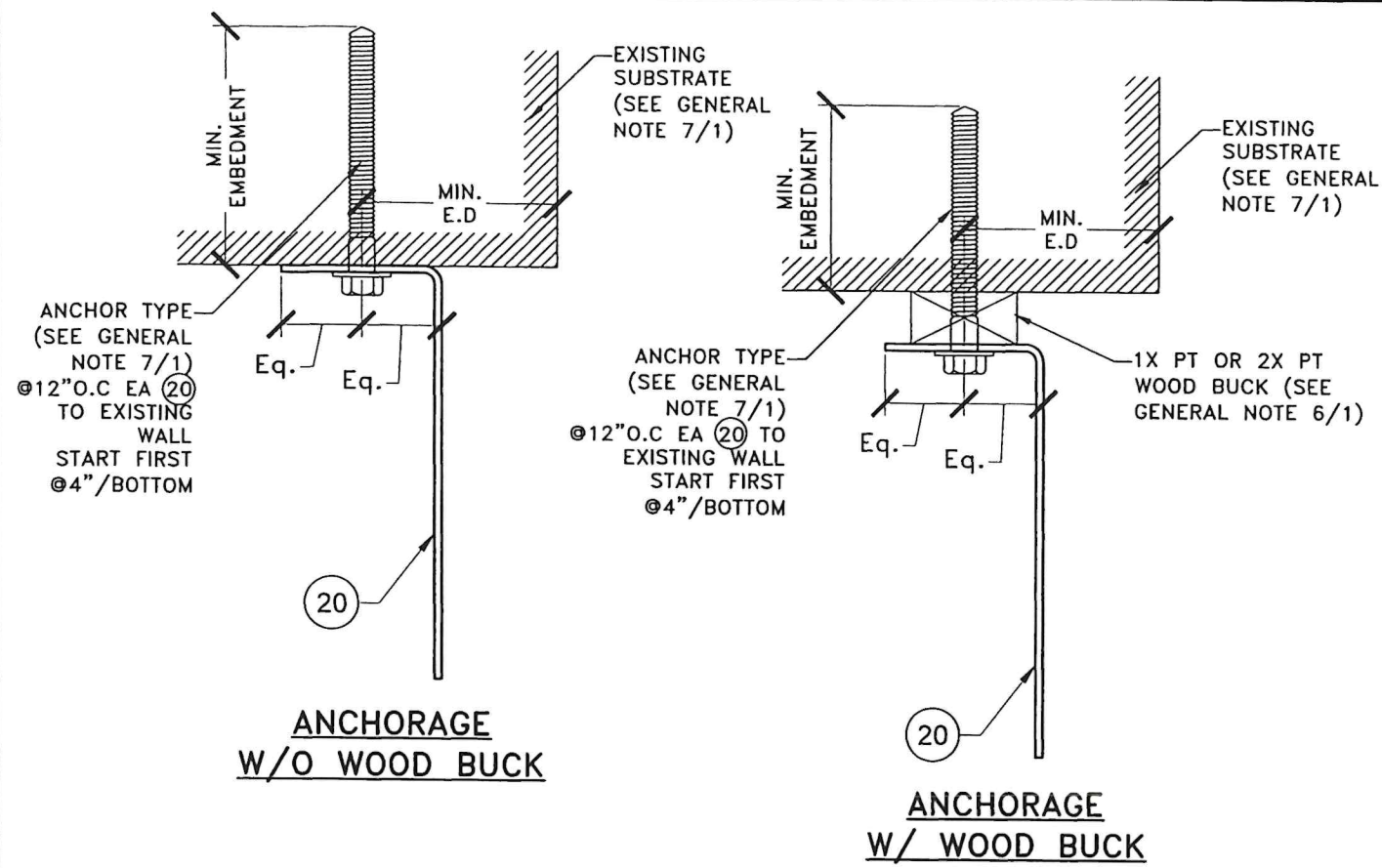
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25-073

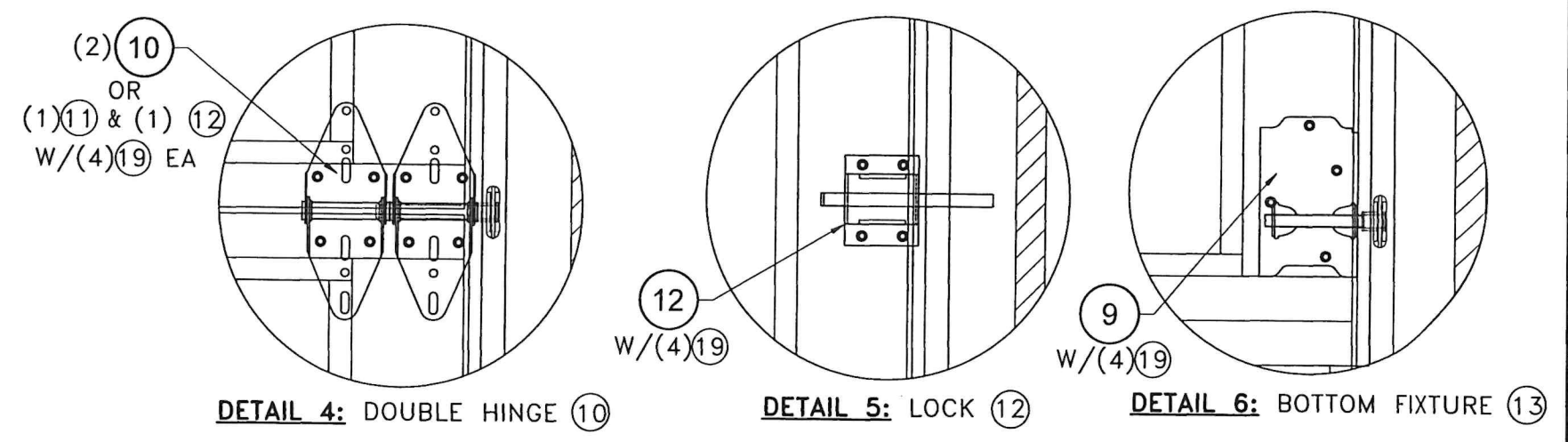
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2	18' UNREINFORCED	3/24/26	4	-	-

SHEET 11 of 14

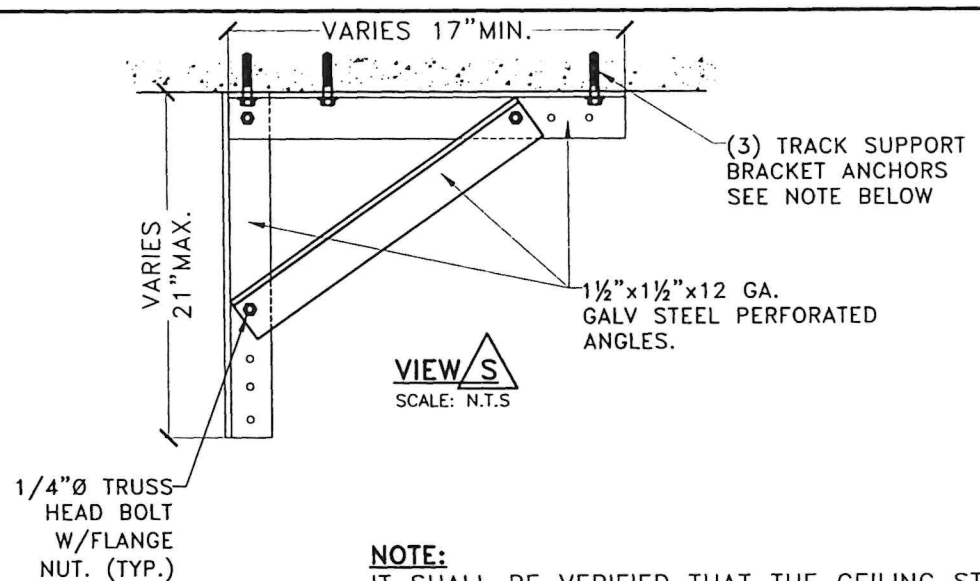
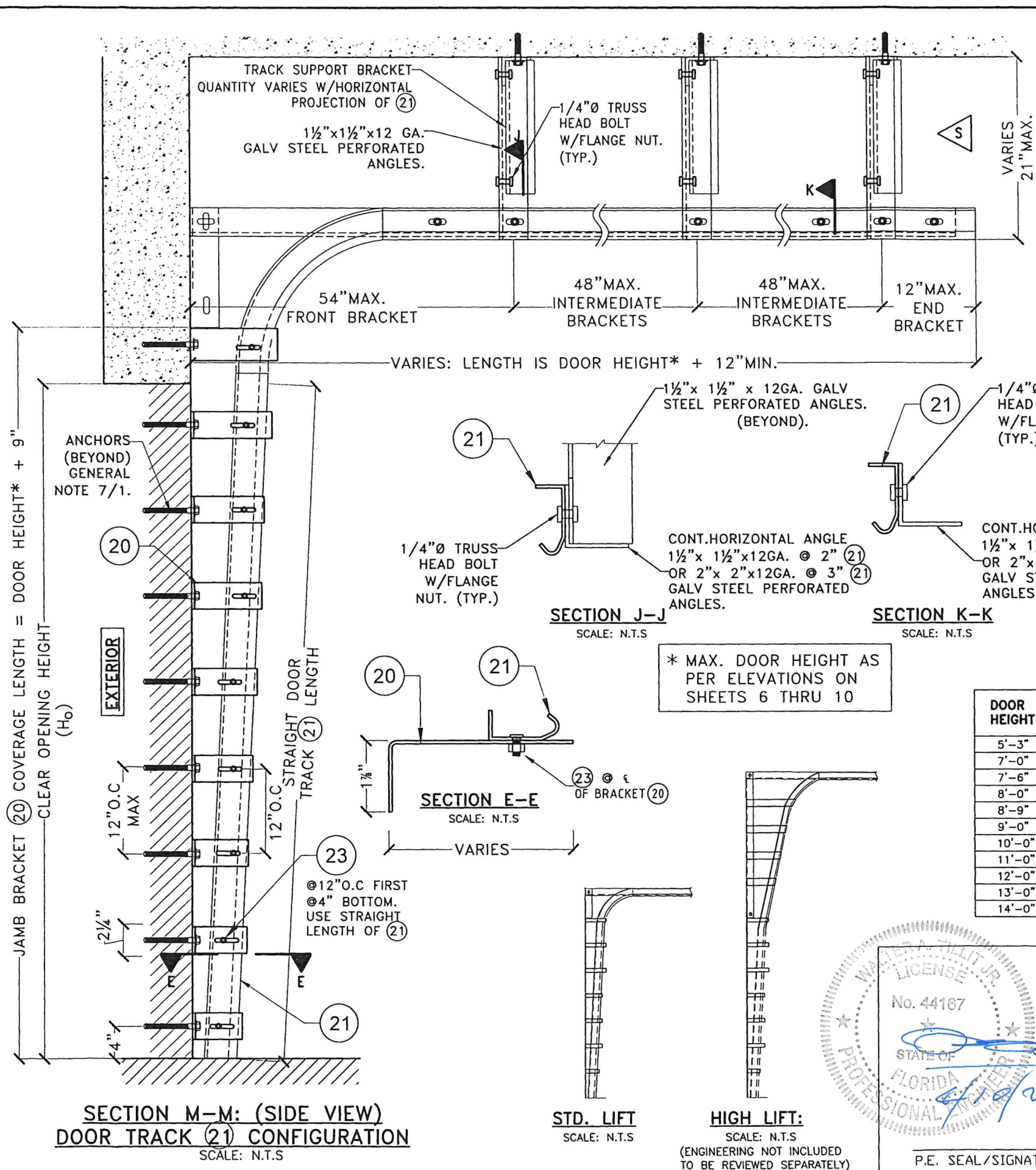


DETAILS M:
SCALE: N.T.S



WALTER A. TILLIT JR.
LICENSE
No. 44167
STATE OF FLORIDA
PROFESSIONAL ENGINEER
4/19/2026
P.E. SEAL/SIGNATURE/DATE

FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)					
© 2025 TILTECO, INC.			SERIES DUBAI GLAZED ALUMINUM SECTIONAL GARAGE DOOR L.M.I		
 TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone : (305)871-1530 . Fax : (305)871-1531 CA-0006719 WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44167			ALL GLASS GARAGE DOORS, LLC. 1567 NW 82TH AVE DORAL, FL 33126 Phone: (305)6452555		
			REV. NO	DESCRIPTION	DATE
1	GENERAL	2/27/26	3	-	-
2	18' UNREINFORCED	3/24/26	4	-	-
					W.H. DRAWN BY:
					12/02/2025 DATE:
					25-073 DRAWING No.
					SHEET 12 of 14



NOTE:
IT SHALL BE VERIFIED THAT THE CEILING STRUCTURE CAN SUSTAIN LOADS IMPOSED BY DOOR WHEN LEFT IN OPEN POSITION. BRACES MAY BE MOVED IN ORDER TO ENGAGE THE CEILING STRUCTURE. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND ALL CEILING NON STRUCTURAL MATERIAL STUCCO OR CEILING DRESSING.

TRACK SUPPORT BRACKETS REQUIREMENTS:
BRACKETS RUN PERPENDICULAR TO TRACKS (21). BRACKETS TO BE SPACED AS SHOWN ABOVE. ADDITIONAL INTERMEDIATE BRACKETS TO BE INSTALLED WITH SPACING NOT EXCEED 48" IN BETWEEN.

TRACK SUPPORT BRACKETS ANCHORS:
ANCHORING TO CEILING OTHER THAN WOOD OR CONCRETE TO BE REVIEWED SEPARATELY. (NOT INCLUDED)

5/16"Ø LAG SCREWS: (N.D.S)
INTO WOOD STRUCTURES (S.G=0.50)
1 1/2" MIN. PENETRATION
1 1/4" MIN. EDGE DISTANCE

1/4"Ø ULTRACON+ BY DEWALT: (Fu=164Ksi, Fy=148Ksi)
INTO CONCRETE, 3000 psi MIN.
1 3/4" MIN. EMBEDMENT, 3" MIN. SPACING
1 5/8" MIN. EDGE DISTANCE.

DOOR HEIGHT	VERTICAL TRACK (21) LENGTH	JAMB ANGLE (20) LENGTH
5'-3"	55"	72"
7'-0"	76"	93"
7'-6"	82"	99"
8'-0"	88"	105"
8'-9"	97"	114"
9'-0"	100"	117"
10'-0"	112"	129"
11'-0"	124"	141"
12'-0"	136"	153"
13'-0"	148"	165"
14'-0"	160"	177"

* MAX. DOOR HEIGHT AS PER ELEVATIONS ON SHEETS 6 THRU 10

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STATE OF FLORIDA
PROFESSIONAL ENGINEER
P.E. SEAL/SIGNATURE/DATE

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ALL GLASS GARAGE DOORS, LLC.
1567 NW 82TH AVE
DORAL, FL 33126
Phone: (305)6452555

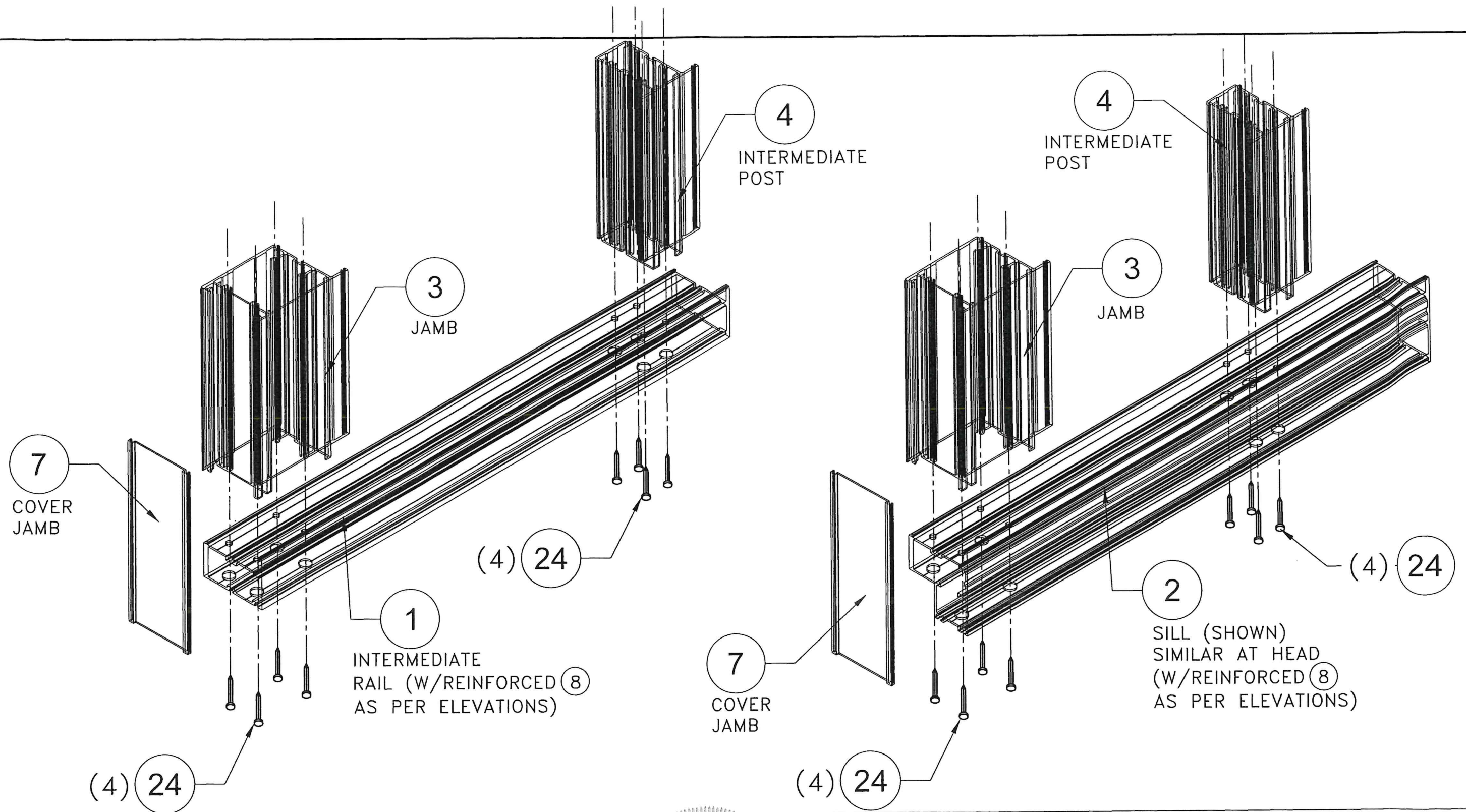
W.H
DRAWN BY:

12/02/2025
DATE:

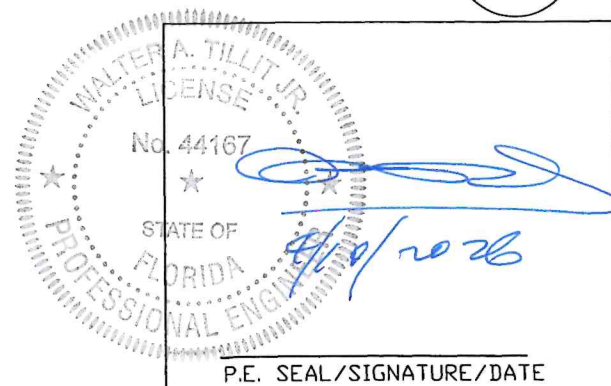
25-073
DRAWING No.

REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	GENERAL	2/27/26	3	-	-
2	18" UNREINFORCED	3/24/26	4	-	-

SHEET 13 of 14



**TYPICAL PANEL
INSTALLATIONS DETAILS:**
SCALE: N.T.S



FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

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TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166
Phone : (305)871-1530 . Fax : (305)871-1531
CA-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

**SERIES DUBAI GLAZED ALUMINUM
SECTIONAL GARAGE DOOR L.M.I**

W.H
DRAWN BY:

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SHEET 14 of 14