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 2026 (9th 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 ANSI/AWC NDS–2024.

   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 & TR–IFET–26–0092 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. DEFINITION OF SYSTEM #1: ALL DOORS UP TO 18'–2" WIDE. W/ ⟨G1⟩, ⟨G1A⟩, ⟨G2⟩, ⟨G2A⟩, ⟨G3⟩ GLASS TYPES.*
   DEFINITION OF SYSTEM #2: ALL DOORS WIDER THAN 18'–2" UP TO 20'–2" WIDE. W/ ABOVE GLASSES & ⟨G4⟩, ⟨G5⟩ & ⟨G6⟩*

   *** MAXIMUM A.S.D. DESIGN PRESSURE RATINGS AND IMPACT RESISTANT QUALIFICATIONS FOR THIS PRODUCT SHALL BE AS SHOWN ON SHEETS 6 THRU 10 (ELEVATIONS) FOR SYSTEM #1 & ON SHEET 19 FOR SYSTEM #2. MAXIMUM ANCHOR SPACING FOR SYSTEM #1 & #2 SHALL BE AS SHOWN ON SHEET 12.**

3. **THIS PRODUCT, WILL NOT REQUIRE A HURRICANE PROTECTION DEVICE,** AS LONG AS GLASS TYPES ⟨G1⟩, ⟨G1A⟩, ⟨G2⟩, ⟨G2A⟩, ⟨G3⟩, ⟨G4⟩ ARE USED, AS INDICATED ON SHEETS 5 & 18 RESPECTIVELY. FOR NON WIND BORNE DEBRIS AREAS, GLASS TYPES ⟨G5⟩ & ⟨G6⟩, AS LIMITED BY SHEET 19 MAY BE USED OR ALTERNATIVELY USE ⟨G1⟩, ⟨G1A⟩, ⟨G2⟩, ⟨G2A⟩, ⟨G3⟩ & ⟨G4⟩ GLASS TYPES.

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 SECTIONS 2411.3.3.4 & 1711 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.

THIS DRAWING SHALL ONLY BE USED TO OBTAIN PERMITS IN THE STATE OF FLORIDA

7. **ANCHOR NOTES:** EMBEDMENT AND EDGE DISTANCE ARE BEYOND ANY FINISH. ALL ANCHOR TO BE CORROSION RESISTANT MIN. 1000 hrs AT 5% RUST PER ASTM B–117.

   (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 ½"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. DOOR 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)

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

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Phone: (305)6452555

F.R.L
DRAWN BY:
08/12/2026
DATE:
26–262
DRAWING No.

REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 25–073	8/12/26	3	–	–
2	–	–	4	–	–

BILL OF MATERIALS: SYSTEM #1 (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)
(8A)	FRAMELESS COVER FOR SSG	SEE COMPONENT DETAIL	6063-T6 Fy=25Ksi Fu=30Ksi	AGG109	SEE DETAILS
(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
(19)	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 (20) W/ (23)
(23)	BOLT	1/4"Ø-20x1/2" W/WASHERED NUT	AISI 304 SERIES S.S	-	(21) CONNECTION TO (20)
(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
(26)	SSG DECORATIVE GLASS EDGE PROTECTOR	SEE COMPONENTS DETAIL ON SHEET 3	6063-T5 Fy=16Ksi Fu=20Ksi	-	USE W/ ⟨G3⟩ GLASS TYPE

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

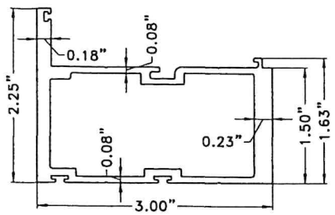
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1601 NW 82TH AVE
DORAL, FL 33126
Phone: (305)6452555

08/12/2026
DATE:

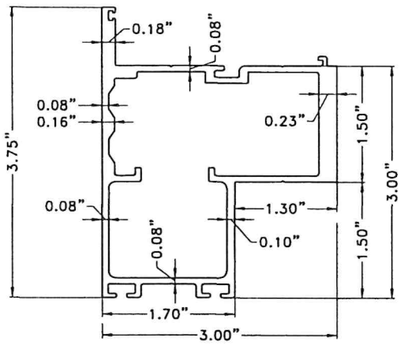
26-262
DRAWING No.

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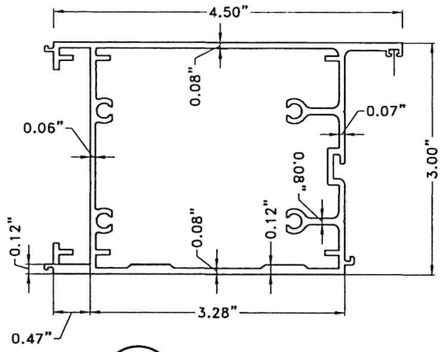
1 INTERMEDIATE RAIL

ALLOY 6005-T5 AGG101



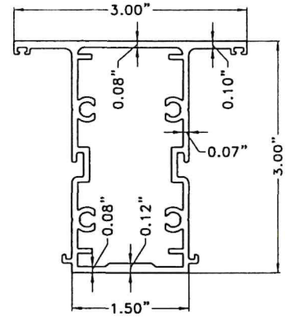
2 SILL/HEAD

ALLOY 6005-T5 AGG102



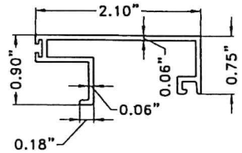
3 JAMBS

ALLOY 6063-T6 AGG103



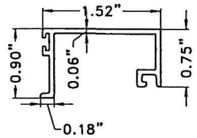
4 INTERMEDIATE POST

ALLOY 6063-T6 AGG104



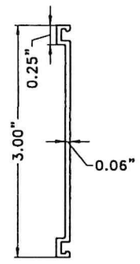
5 LAMINATED GLAZING BEAD

ALLOY 6063-T6 AGG105



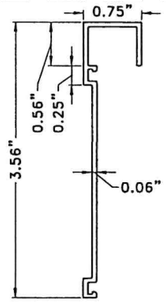
6 INSULATED GLAZING BEAD

ALLOY 6063-T6 AGG106



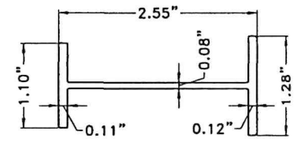
JAMB COVER 7

ALLOY 6063-T6 AGG107



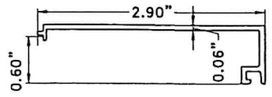
JAMB COVER FOR SSG 7A

ALLOY 6063-T6 AGG107A



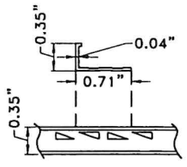
8 STIFFENER FOR (1) & (2) (AS APPLICABLE)

ALLOY 6005-T5 AGG108



8A FRAMELESS COVER FOR SSG

ALLOY 6063-T6 AGG109



26 SSG DECORATIVE GLASS EDGE PROTECTOR

ALLOY 6063-T5

COMPONENTS: ALUMINUM SYSTEM #1

SCALE: N.T.S

WALTER A. TILLIT JR. LICENSE No. 44167 STATE OF FLORIDA PROFESSIONAL ENGINEER 1/9/2026

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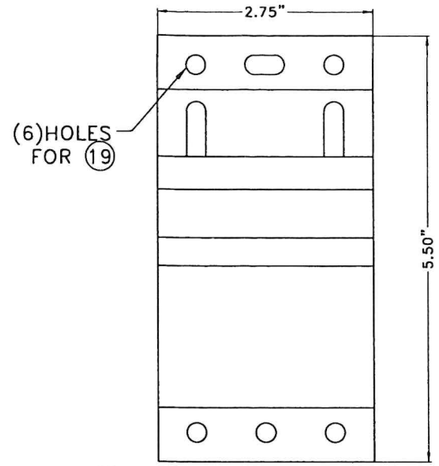
TILTECO INC.
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SHEET 3 OF 21

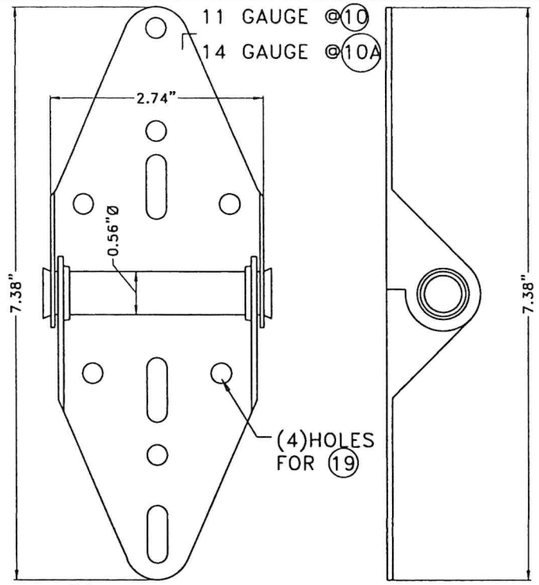
REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 25-073	8/12/26	3	-	-
2	-	-	4	-	-



9 TOP FIXTURE

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

M-105



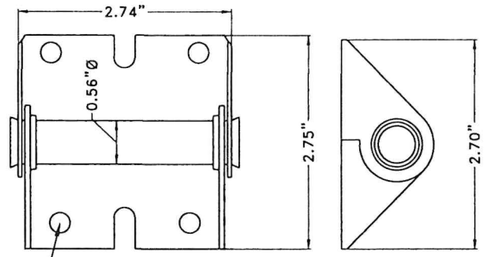
10 UNIVERSAL HINGE

10A UNIVERSAL HINGE

(SEE SHEETS 2 & 9 FOR LIMITATIONS)

Material:
GALVANIZED STEEL Fy=33 Ksi MIN.

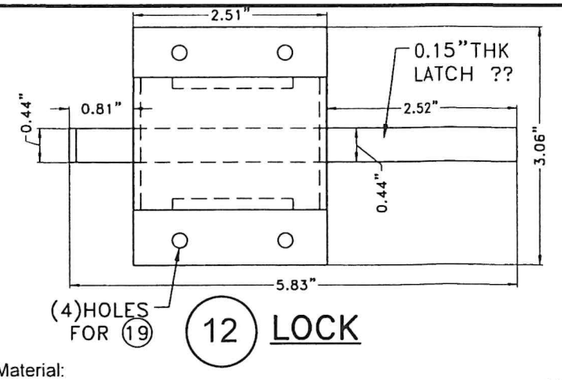
M-102



11 HALF HINGE

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

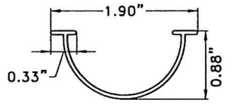
M-103



12 LOCK

Material:
GALVANIZED STEEL

M-104

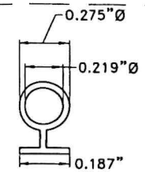


15 BOTTOM GASKET

MATERIAL: VIRGIN EPDM
SPECIFIC GRAVITY : 1.462 g/cm^3
TENSILE (ASTM D-412): 1054 psi
ELONGATION (ASTM D-412): 356%
DUROMETER (ASTM D-2240): 71pts.

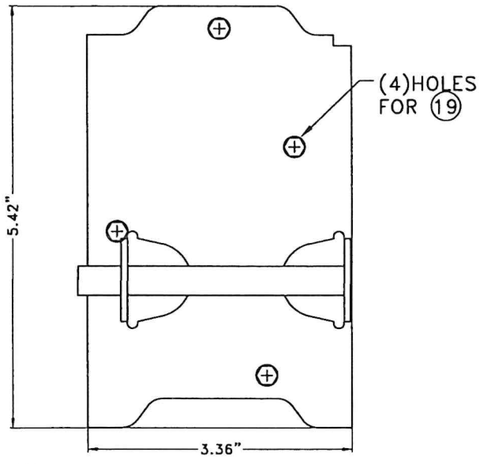
G-101

MATERIAL: POLYPROPYLENE
SPECIFIC GRAVITY (ASTM D792) : 0.980 g/cm^3
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

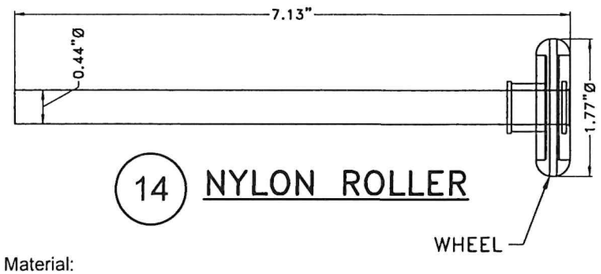
G-102



13 BOTTOM FIXTURE

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

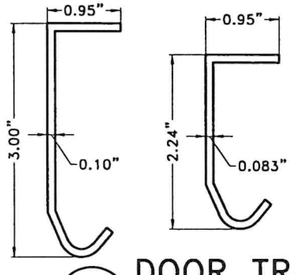
M-101



14 NYLON ROLLER

Material:
GALVANIZED STEEL

M-106

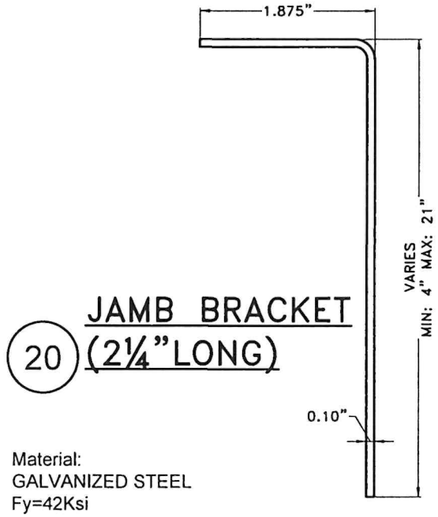


21 DOOR TRACK 3" OR 2"*

Material:
GALVANIZED STEEL Fy=42Ksi

11 GA.

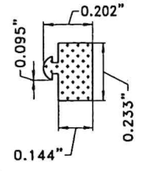
* USE 3" TRACK FOR ALL DESIGN LOADS AND DOOR WIDTHS & HEIGHTS. FOR SYSTEM #1 & #2.
USE 2" TRACK ONLY FOR UP TO 62 psf DESIGN LOAD AND FOR DOOR AREAS NOT EXCEEDING 150 ft^2.



20 JAMB BRACKET (2¼"LONG)

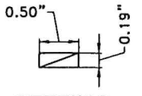
Material:
GALVANIZED STEEL
Fy=42Ksi

G-103

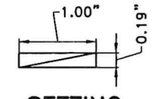


MATERIAL: VIRGIN EPDM
SPECIFIC GRAVITY : 1.462 g/cm^3
TENSILE (ASTM D-412): 1054 psi
ELONGATION (ASTM D-412): 356%
DUROMETER (ASTM D-2240): 71pts.

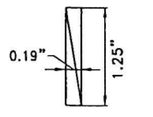
17 GASKET



18A SETTING BLOCK FOR LAMINATED GLASS



18B SETTING BLOCK FOR INSULATED GLASS

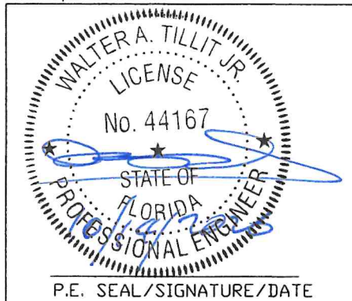


18C SETTING BLOCK FOR G3 GLASS

Material:
EPDM (DUROMETER 80±5 SHORE A)

COMPONENTS: CONT (HARDWARE & ELSE) SYSTEM #1.

SCALE: N.T.S



P.E. SEAL/SIGNATURE/DATE

FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

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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

F.R.L

DRAWN BY:

ALL GLASS GARAGE DOORS, LLC.
1601 NW 82TH AVE
DORAL, FL 33126
Phone: (305)6452555

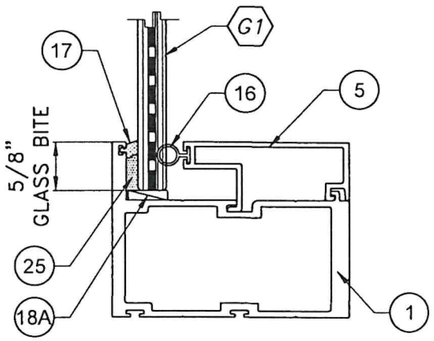
08/12/2026 DATE:

26-262 DRAWING No.

REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
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2	-	-	4	-	-

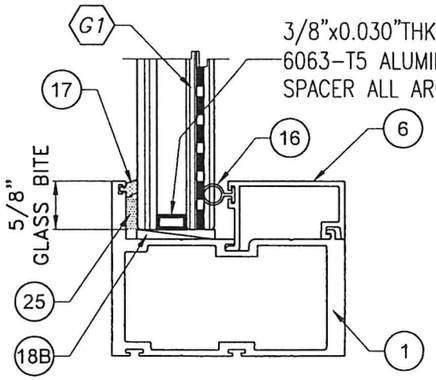
BILL OF MATERIALS (CONT'D): SYSTEM #1

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



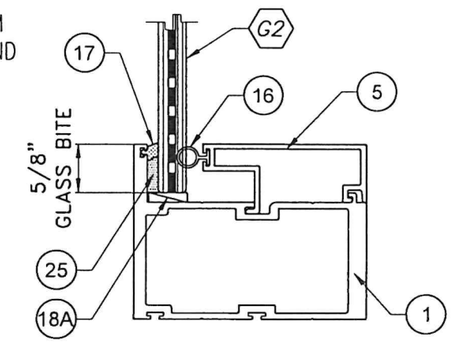
GLASS TYPE G1

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.



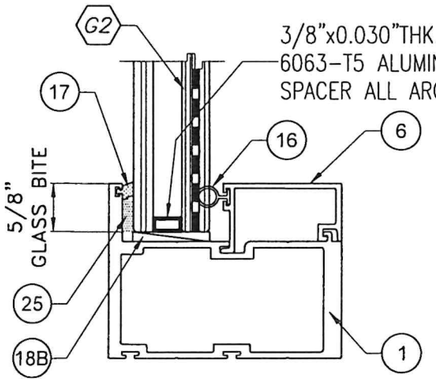
GLASS TYPE G1A

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.



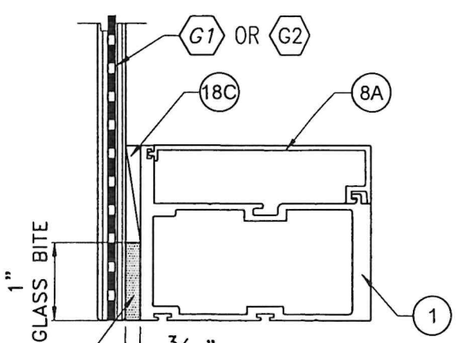
GLASS TYPE G2

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. INCLUDES
USE OF COMP # (26)

GLAZING DETAILS: SYSTEM #1

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)

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TILLIT TESTING & ENGINEERING COMPANY
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CA−0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

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

F.R.L

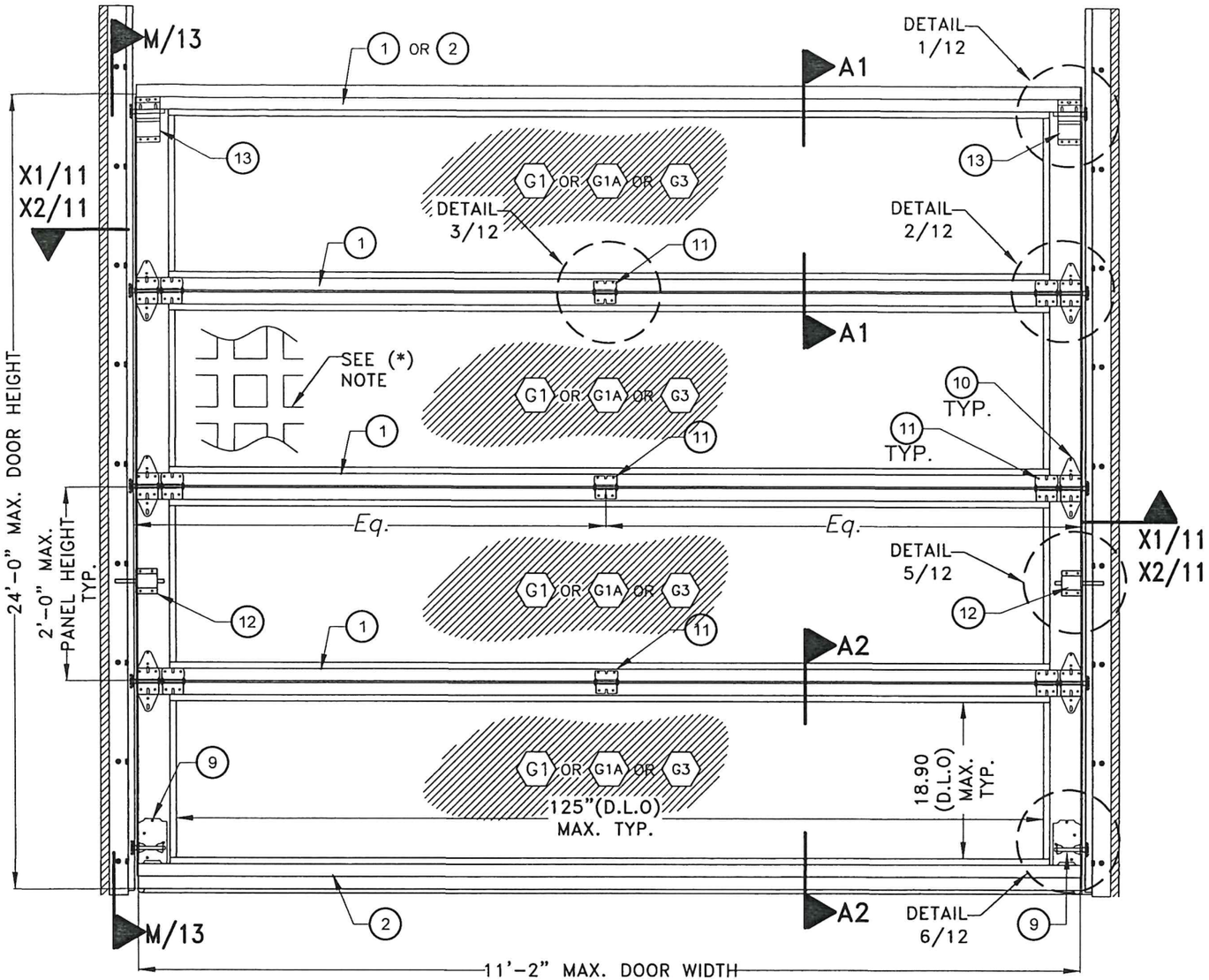
DRAWN BY:

ALL GLASS GARAGE DOORS, LLC.
1601 NW 82TH AVE
DORAL, FL 33126
Phone: (305)6452555

08/12/2026 DATE:

26−262 DRAWING No.

REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
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2	−	−	4	−	−



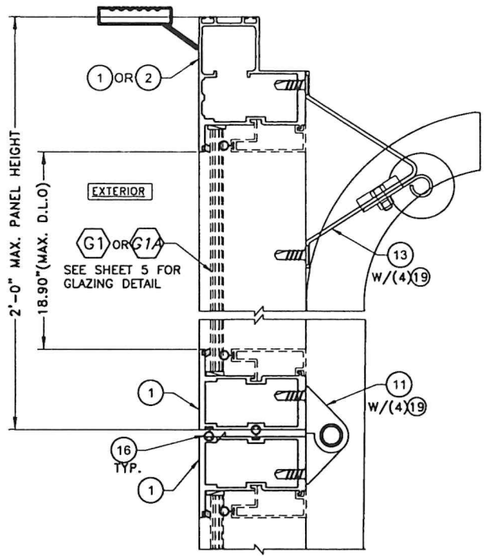
11'-2"MAX. SINGLE DOOR INTERIOR ELEVATION (UNREINFORCED): SYSTEM #1.

SCALE: N.T.S

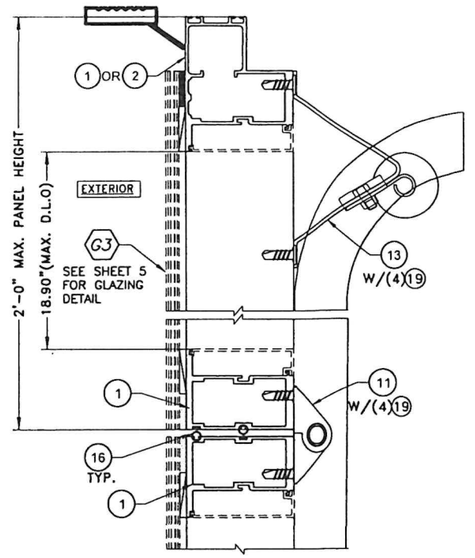
(*)NOTE: OPTIONAL DECORATIVE ALUMINUM MUNTINS CONTINUOSLY SILICONED W/ (25) TO GLASS, EXTERIOR & INTERIOR MAY INCLUDE A WHOLE ALUMINUM SHEET OR ¼" HEAT STRENGTHENED GLASS SHEET (TYP).

MAXIMUM PRESSURE RATING:
+52.0, −62.0psf.

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



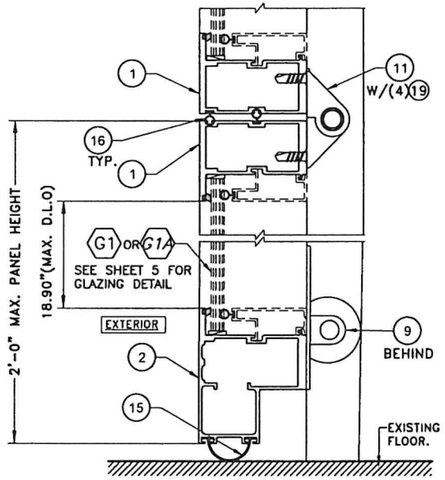
(CAPTURED GLASS)



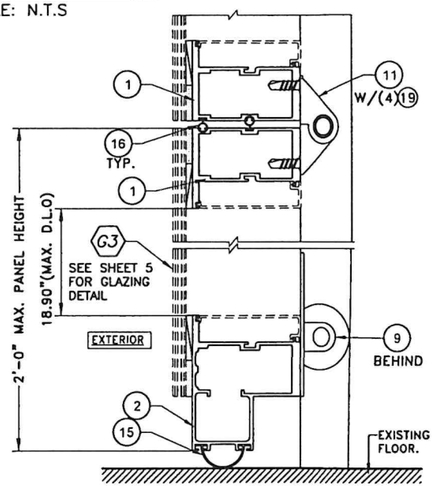
(SSG GLASS)

SECTIONS A1-A1

SCALE: N.T.S



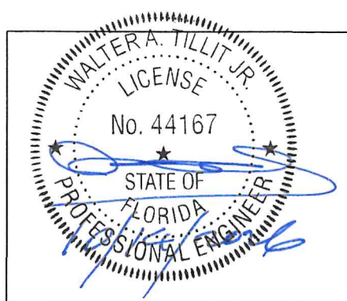
(CAPTURED GLASS)



(SSG GLASS)

SECTIONS A2-A2

SCALE: N.T.S



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CA-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

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

F.R.L

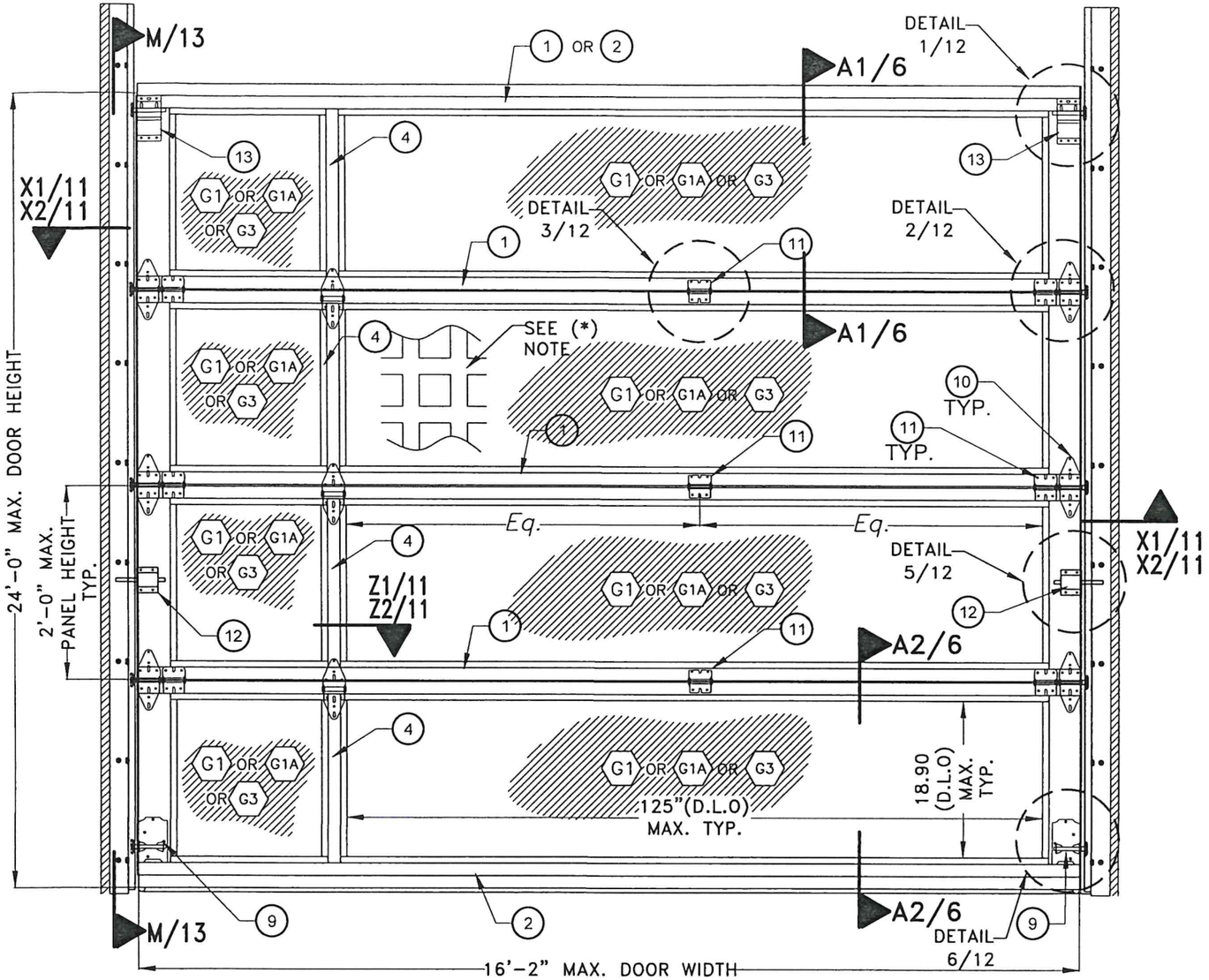
DRAWN BY:

ALL GLASS GARAGE DOORS, LLC.
1601 NW 82TH AVE
DORAL, FL 33126
Phone: (305)6452555

08/12/2026
DATE:

26-262
DRAWING No.

REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 25-073	8/12/26	3	-	-
2	-	-	4	-	-



16'-2"MAX. DOUBLE DOOR W/ INTERMEDIATE POST (4)
INTERIOR ELEVATION (UNREINFORCED): SYSTEM #1

SCALE: N.T.S

(*)NOTE: OPTIONAL DECORATIVE ALUMINUM MUNTINS CONTINUOSLY SILICONED W/ (25) TO GLASS, EXTERIOR & INTERIOR MAY INCLUDE A WHOLE ALUMINUM SHEET OR ¼" HEAT STRENGTHENED GLASS SHEET (TYP).

MAXIMUM PRESSURE RATING:
+52.0, −62.0psf.

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

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

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WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

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

F.R.L

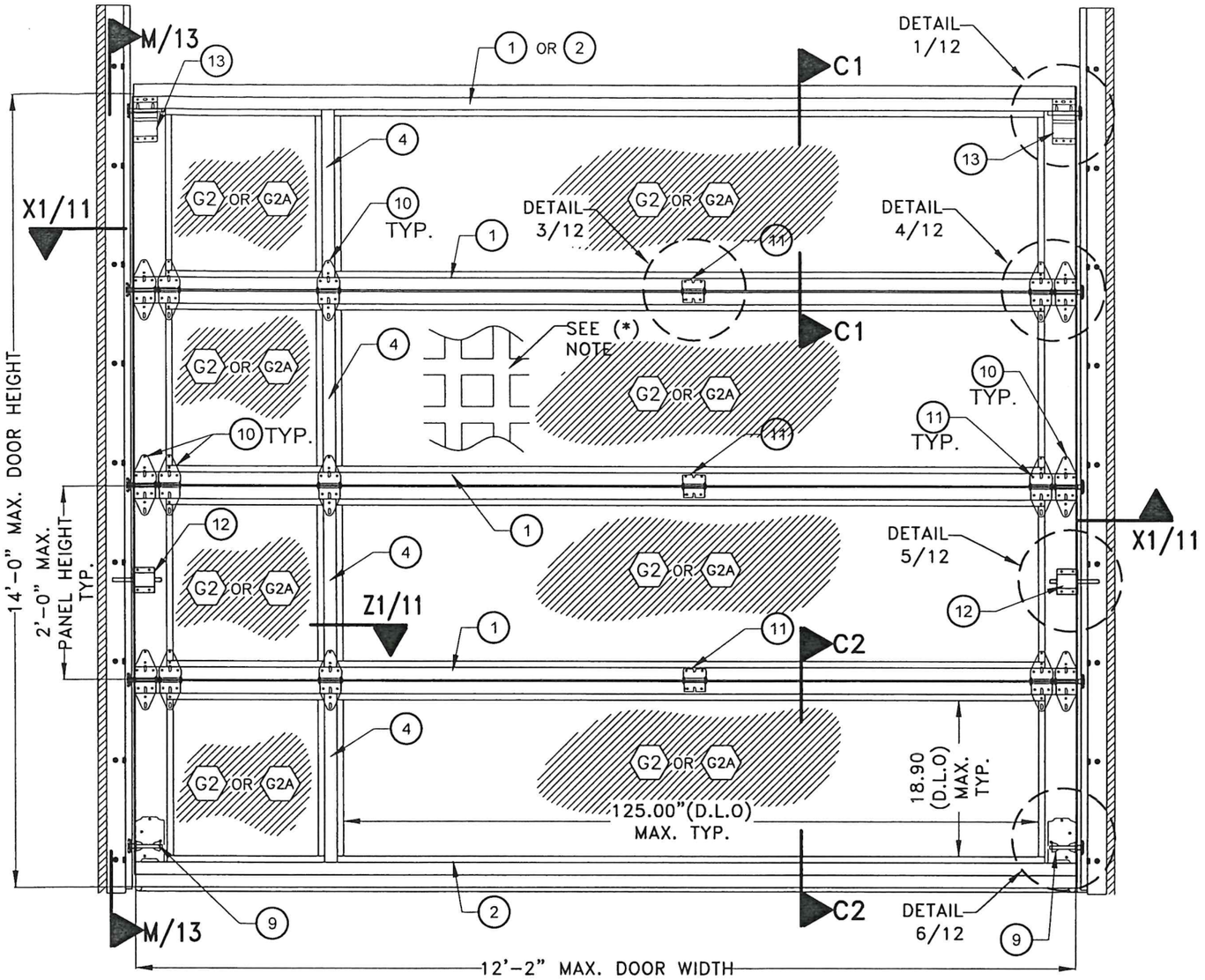
DRAWN BY:

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Phone: (305)6452555

08/12/2026
DATE:

26-262
DRAWING No.

REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
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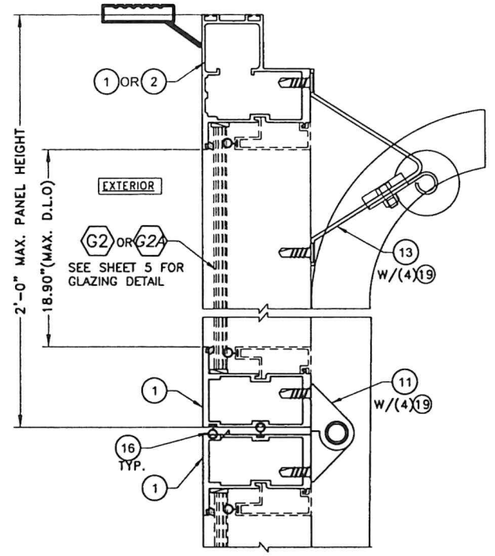
12'-2"MAX. SINGLE DOOR W/INTERMEDIATE POST (4) INTERIOR ELEVATION (UNREINFORCED): SYSTEM #1

SCALE: N.T.S

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

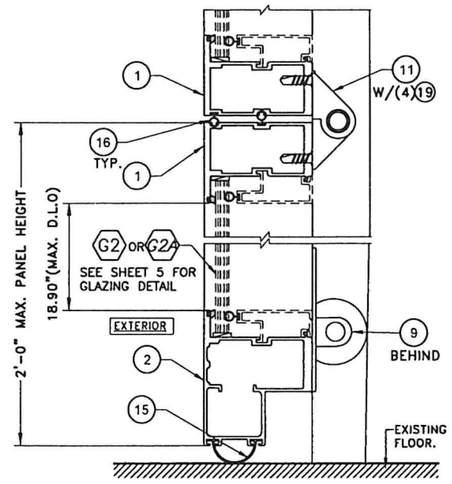
MAXIMUM PRESSURE RATING:
+65.0, −75.0psf.

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



SECTION C1−C1

SCALE: N.T.S



SECTION C2−C2

SCALE: N.T.S

WALTER A. TILLIT JR LICENSE No. 44167 STATE OF FLORIDA PROFESSIONAL ENGINEER

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FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

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FLORIDA Lic. # 44167

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

F.R.L
DRAWN BY:

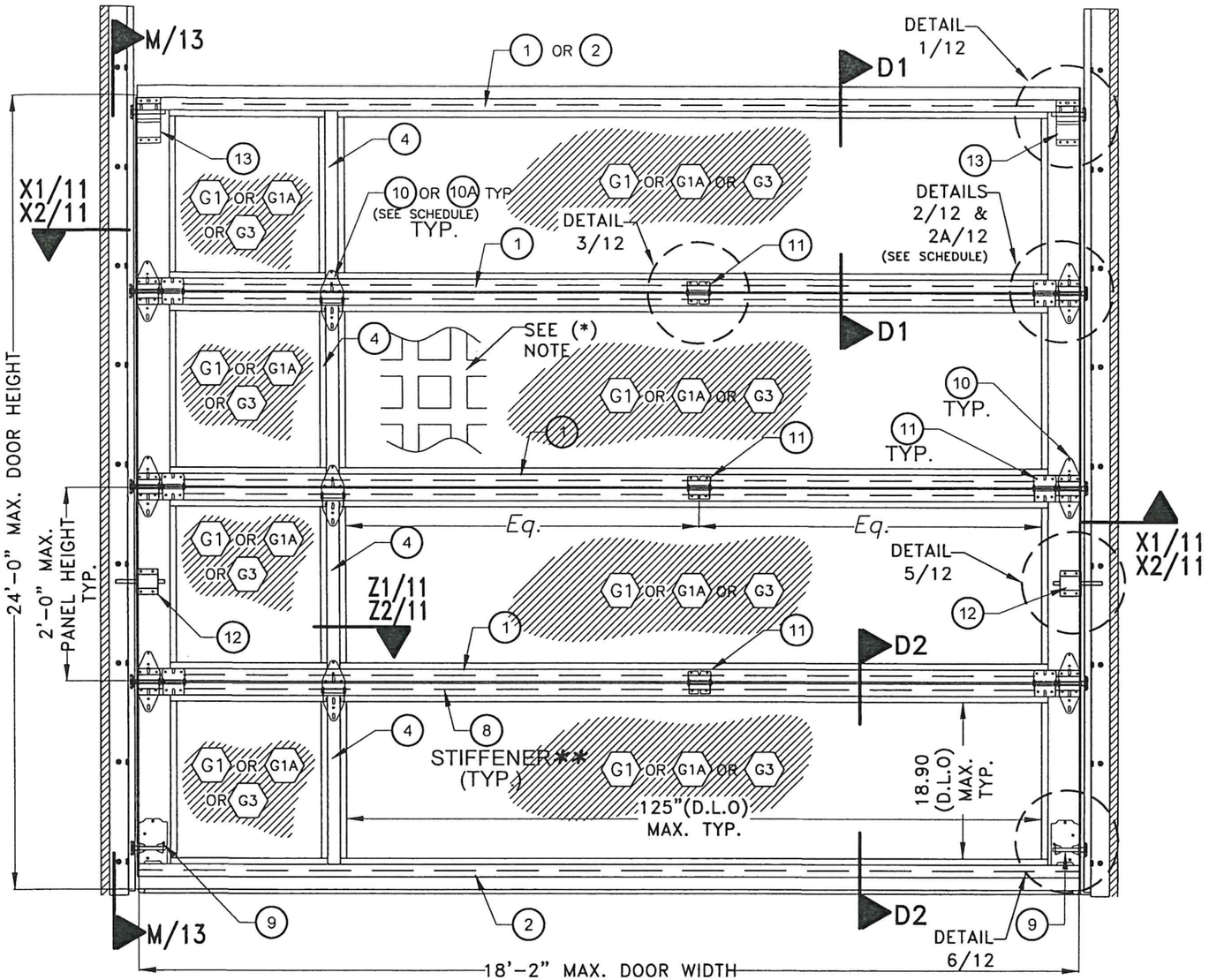
ALL GLASS GARAGE DOORS, LLC.
1601 NW 82TH AVE
DORAL, FL 33126
Phone: (305)6452555

08/12/2026
DATE:

26−262
DRAWING No.

REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
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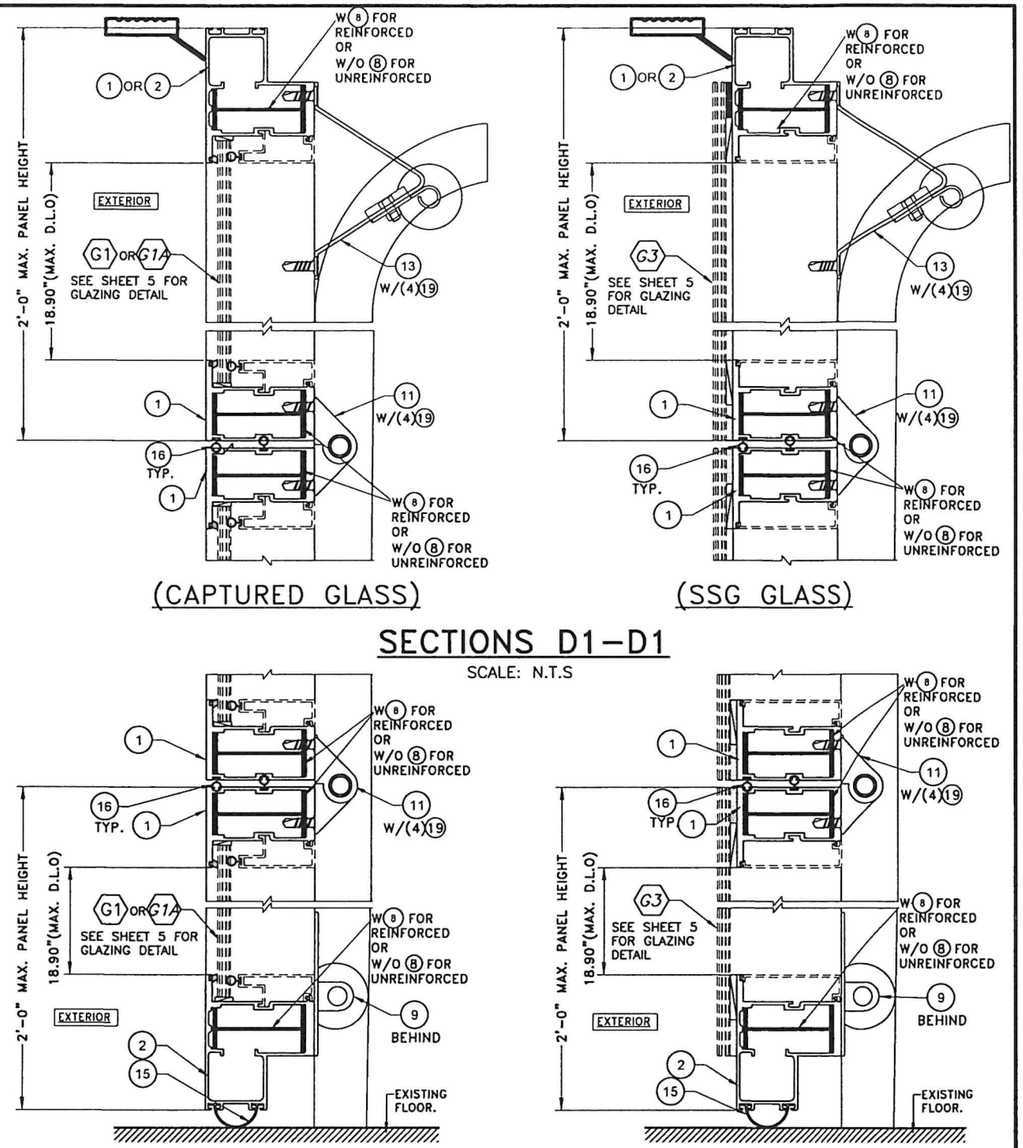
SHEET 8 OF 21



18'-2"MAX. DOUBLE DOOR W/ INTERMEDIATE POST (4) INTERIOR ELEVATION (REINFORCED OR UNREINFORCED AT (1) & (2))**: SYSTEM #1

SCALE: N.T.S

REINFORCED W (8) AT (1) & (2) ** W/ DETAIL 2		UNREINFORCED W/O (8) AT (1) & (2) ** W/ DETAIL 2	
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



WALTER A. TILLIT JR. LICENSE No. 44167 STATE OF FLORIDA PROFESSIONAL ENGINEER

P.E. SEAL/SIGNATURE/DATE

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

F.R.L

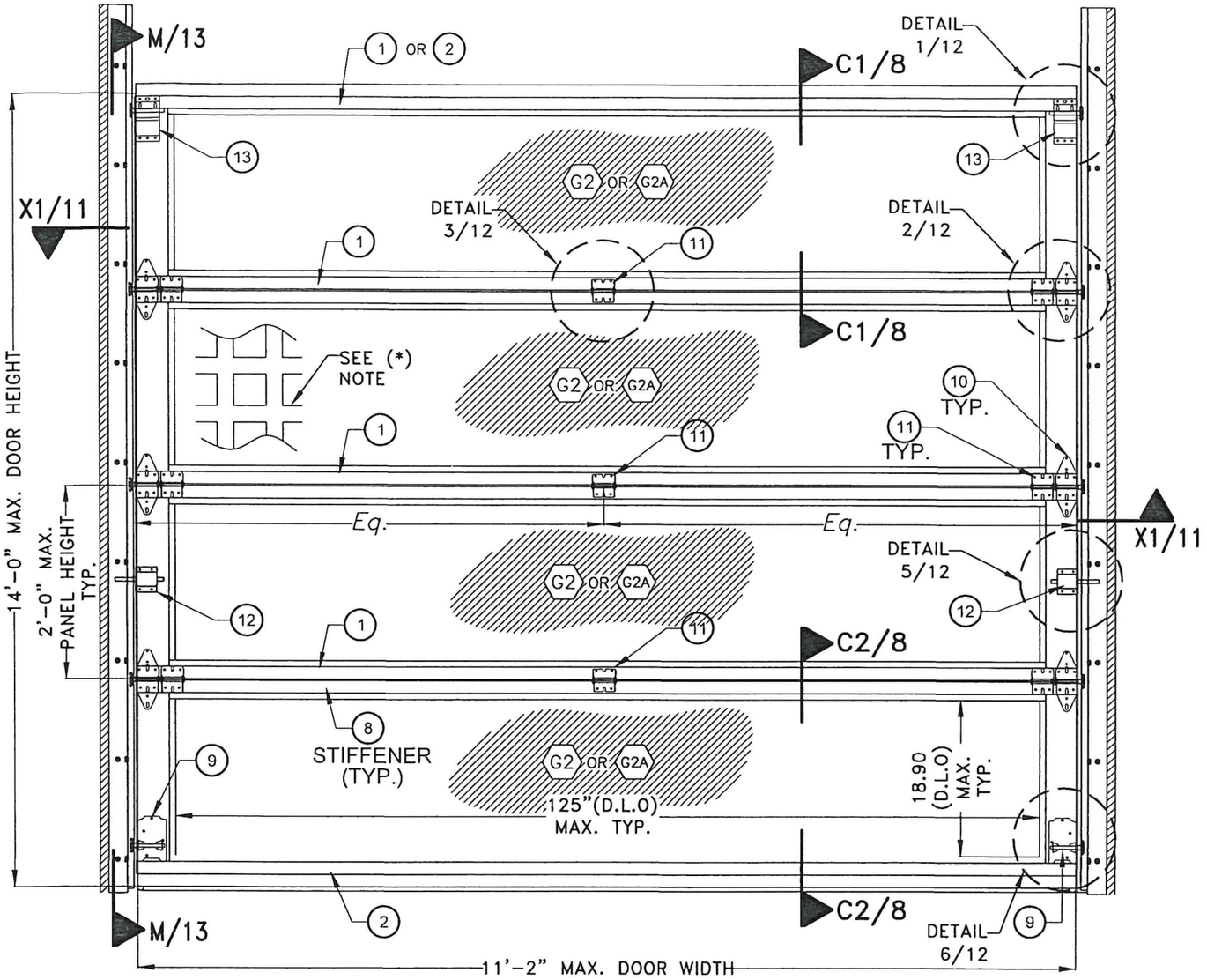
DRAWN BY:

ALL GLASS GARAGE DOORS, LLC.
1601 NW 82TH AVE
DORAL, FL 33126
Phone: (305)6452555

08/12/2026 DATE:

26-262 DRAWING No.

REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 25-073	8/12/26	3	-	-
2	-	-	4	-	-



11'–2"MAX. SINGLE DOOR INTERIOR ELEVATION (UNREINFORCED): SYSTEM #1

SCALE: N.T.S

(*)NOTE: OPTIONAL DECORATIVE ALUMINUM MUNTINS CONTINUOSLY SILICONED W/ (25) TO GLASS, EXTERIOR & INTERIOR MAY INCLUDE A WHOLE ALUMINUM SHEET OR ¼" HEAT STRENGTHENED GLASS SHEET (TYP).

MAXIMUM PRESSURE RATING:
+65.0, –75.0psf.

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

WALTER A. TILLIT JR. LICENSE No. 44167 STATE OF FLORIDA PROFESSIONAL ENGINEER

P.E. SEAL/SIGNATURE/DATE

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6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, Fl. 33166
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CA–0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

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

F.R.L

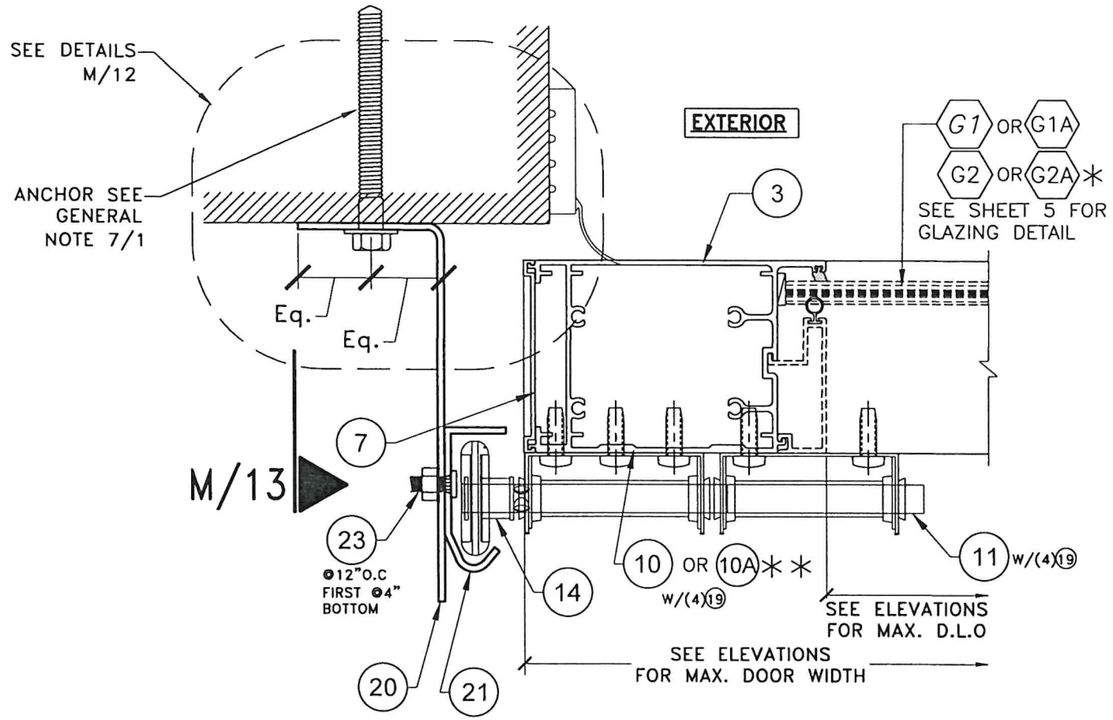
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Phone: (305)6452555

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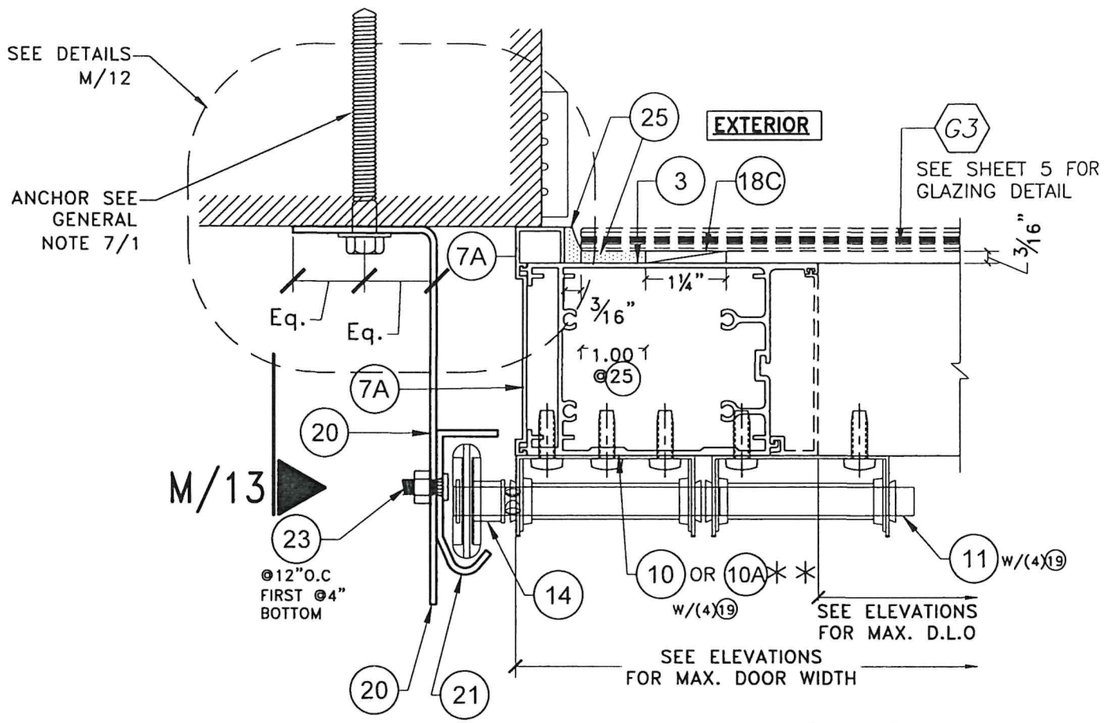
26–262
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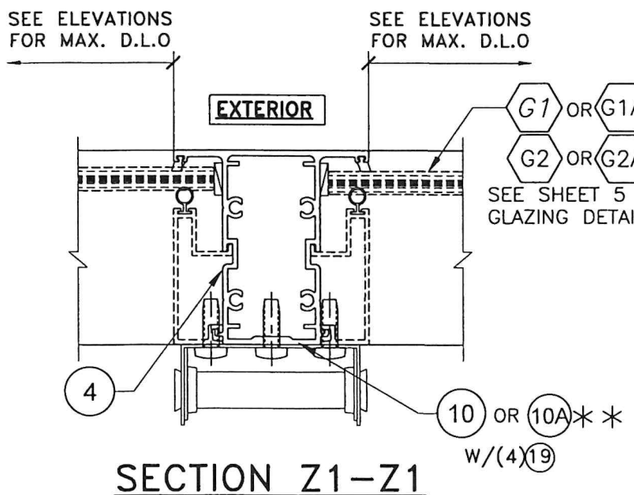
SECTION X1–X1

SCALE: N.T.S



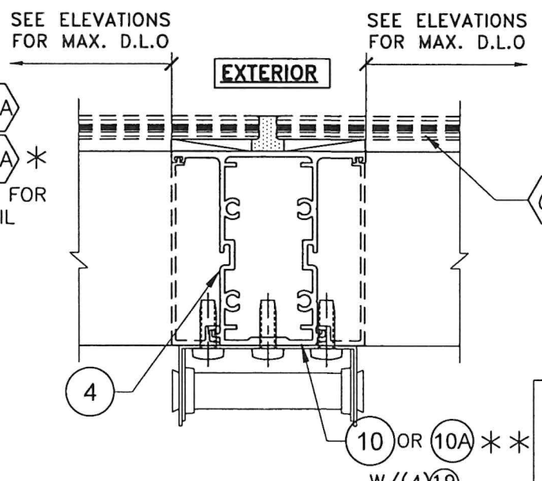
SECTION X2–X2 (SSG)

SCALE: N.T.S



SECTION Z1–Z1

SCALE: N.T.S



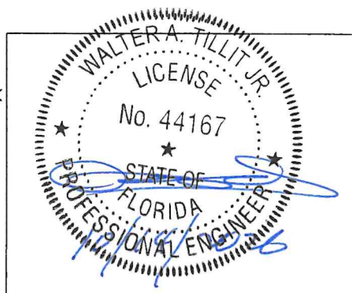
SECTION Z2–Z2 (SSG)

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.

SYSTEM #1



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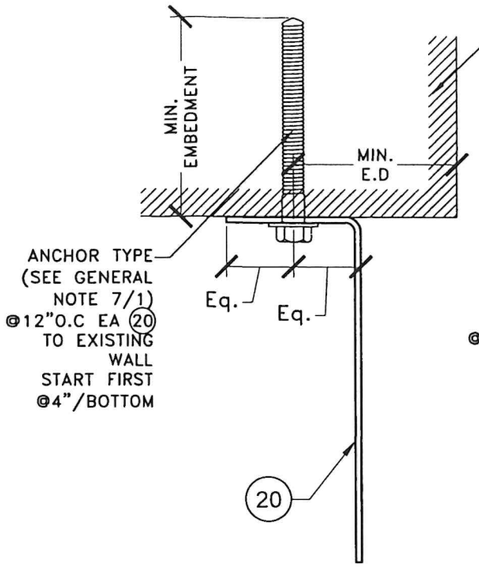
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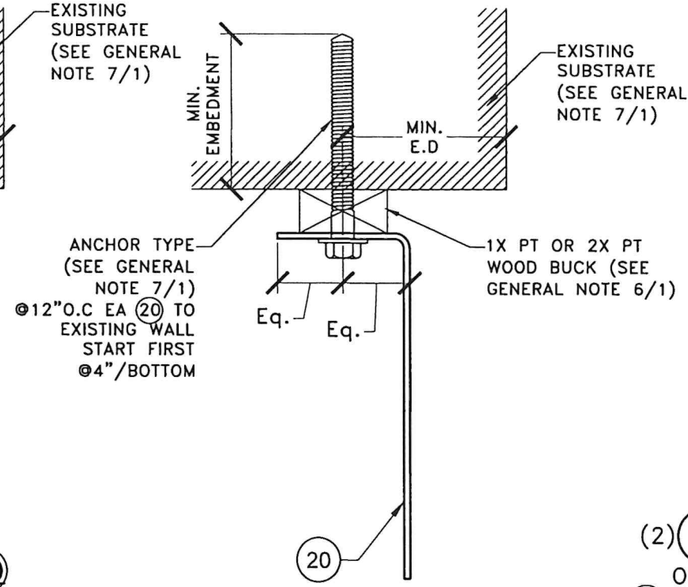
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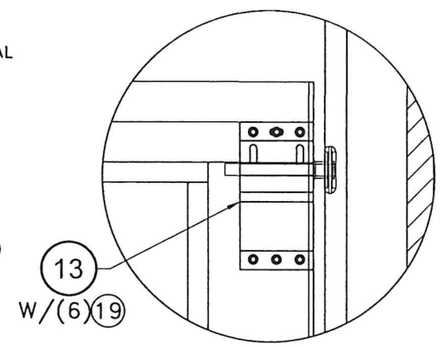
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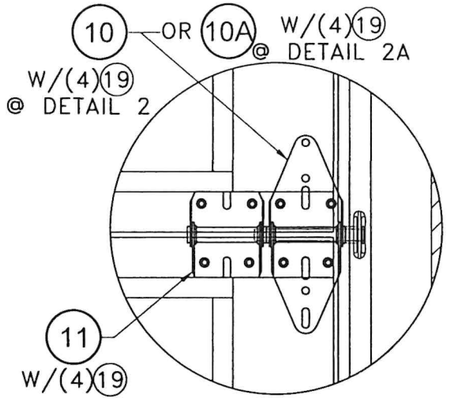
ANCHORAGE OF (20) W/O WOOD BUCK



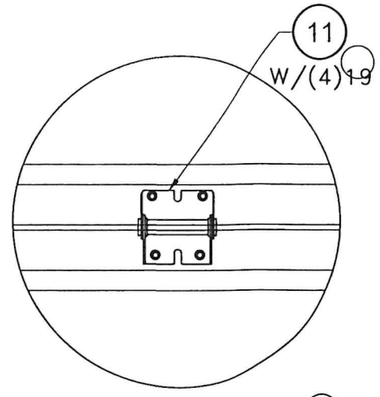
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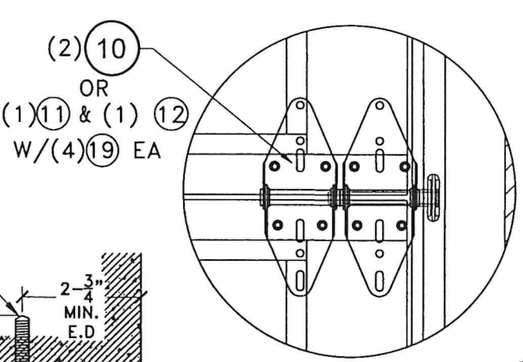
DETAIL 1: TOP FIXTURE (9)



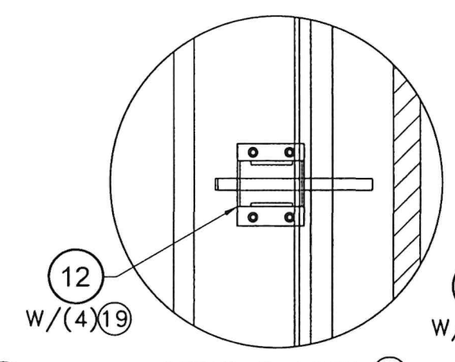
DETAILS 2 & 2A: HINGE (10) OR (10A) & HALF HINGE (11)



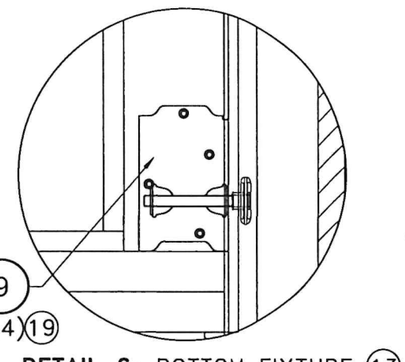
DETAIL 3: HALF HINGE (11)



DETAIL 4: DOUBLE HINGE (10)



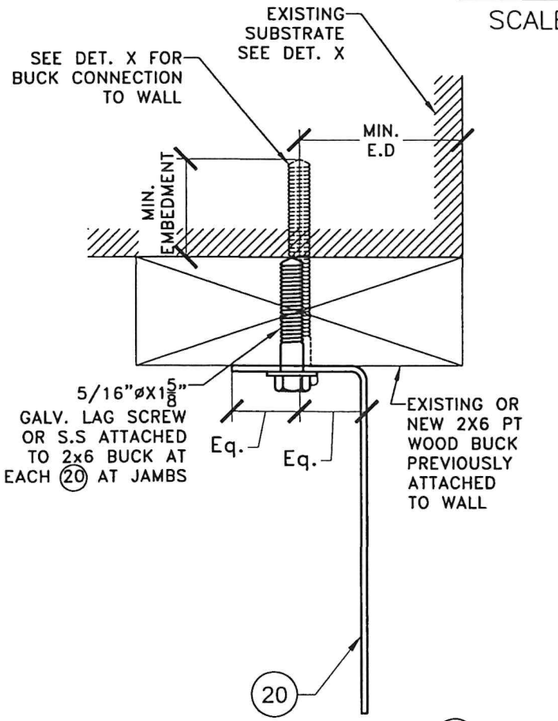
DETAIL 5: LOCK (12)



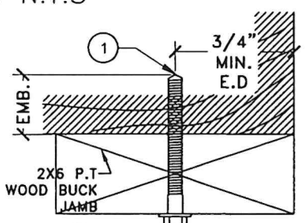
DETAIL 6: BOTTOM FIXTURE (13)

DETAILS M:

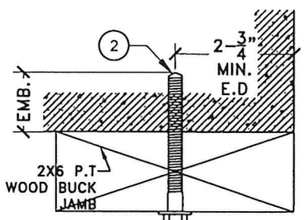
SCALE: N.T.S



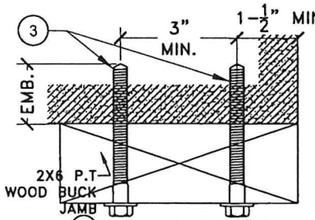
ANCHORAGE OF (20) TO WOOD BUCK PREVIOUSLY ATTACHED TO WALL



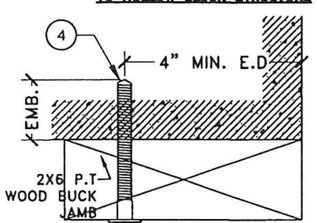
(1) WOOD JAMB ATTACHMENT TO WOOD STRUCTURE



(2) WOOD JAMB ATTACHMENT TO CONCRETE STRUCTURE



(3) WOOD JAMB ATTACHMENT TO HOLLOW BLOCK STRUCTURE



(4) WOOD JAMB ATTACHMENT TO GROUTED BLOCK STRUCTURE

DETAILS X:

SCALE: N.T.S

SYSTEM #1 & #2

WOOD JAMB ATTACHMENT TO STRUCTURE (OPTIONAL)

(1) 2 x 6 VERTICAL JAMB ATTACHMENT TO WOOD FRAME STRUCTURE
5/16" x 3" LAG SCREWS STARTING 6" FROM ENDS
THEN 24" O.C (1-1/2" EMBEDMENT).

(2) 2 x 6 VERTICAL JAMB ATTACHMENT TO 2,000 PSI CONCRETE
HILTI KWIK BOLT 3/8" X 4" STARTING 6" FROM ENDS
THEN 24" O.C (2-1/2" EMBEDMENT).
HILTI SLEEVE ANCHOR 3/8" X 2-3/4" STARTING 6" FROM ENDS
THEN 20" O.C (1-1/4" EMBEDMENT).
ITW/RAMSET REDHEAD (TRU-BOLT) 3/8" X 4"
STARTING 6" FROM ENDS
THEN 24" O.C (2-1/2" EMBEDMENT).

(3) 2 x 6 VERTICAL JAMB ATTACHMENT TO HOLLOW C-90 BLOCK (1900 PSI MIN.)
SIMPSON 1/4" X 3" TITEN SCREWS STARTING 6" FROM ENDS,
USE PAIRS OF FASTENERS (3" APART) AT 16" O.C (1-1/2" EMBEDMENT)
HILTI 1/4" X 2-3/4" KWIK-CON II+ SCREWS STARTING 6" FROM ENDS,
USE PAIRS OF FASTENERS (3" APART) AT 16" O.C. (1-1/4" EMBEDMENT)

(4) 2 X 6 VERTICAL JAMB ATTACHMENT TO GROUTED C-90 BLOCK (2000 PSI GROUT)
HILTI SLEEVE ANCHOR 3/8" X 2-3/4" STARTING 6" FROM ENDS
THEN 24" O.C. (1-1/4" EMBEDMENT)
(OR, USE FASTENERS FOR HOLLOW C-90 BLOCK)

* ANCHORS, LAGS AND BOLTS CAN BE COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE. AND SHALL BE 1000 hrs. AT 5% RUST CORROSION RESISTANT.
* PREPARATION OF WOOD JAMBS BY OTHERS.

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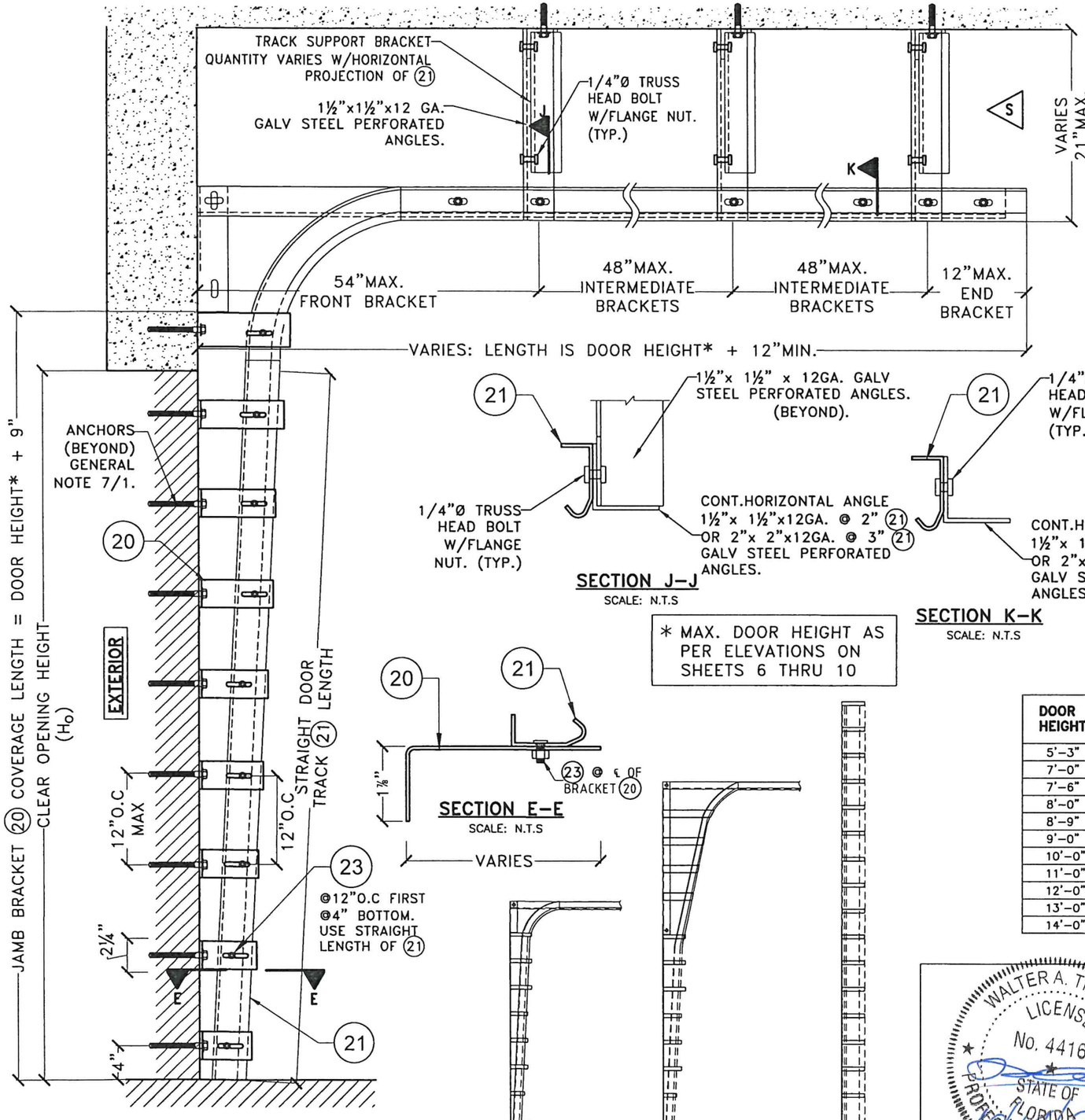
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SECTION M–M: (SIDE VIEW) DOOR TRACK (21) CONFIGURATION

SCALE: N.T.S

SECTION J–J

SCALE: N.T.S

SECTION K–K

SCALE: N.T.S

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

SECTION E–E

SCALE: N.T.S

STD. LIFT

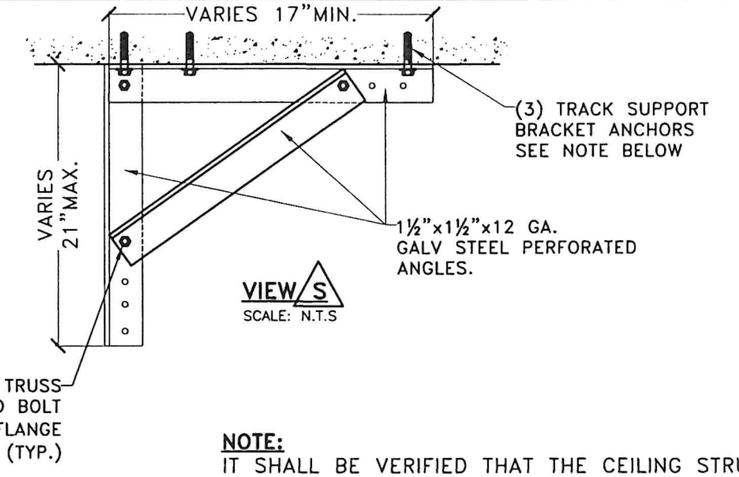
SCALE: N.T.S

HIGH LIFT:

SCALE: N.T.S
(ENGINEERING NOT INCLUDED TO BE REVIEWED SEPARATELY)

VERTICAL LIFT:

SCALE: N.T.S
(ENGINEERING NOT INCLUDED TO BE REVIEWED SEPARATELY)



VIEW S

SCALE: N.T.S

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.

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"

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.

SYSTEMS #1 & #2

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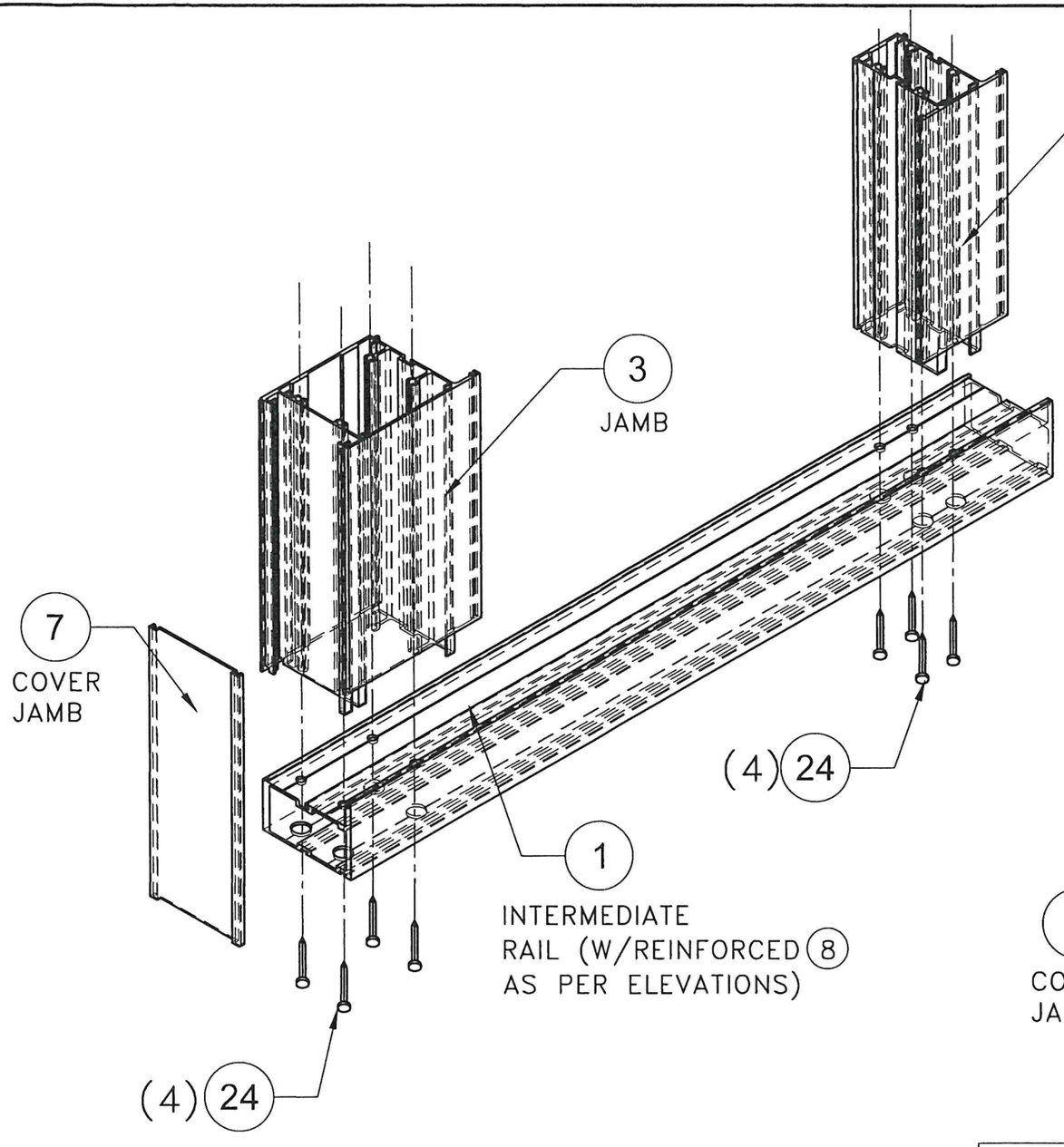
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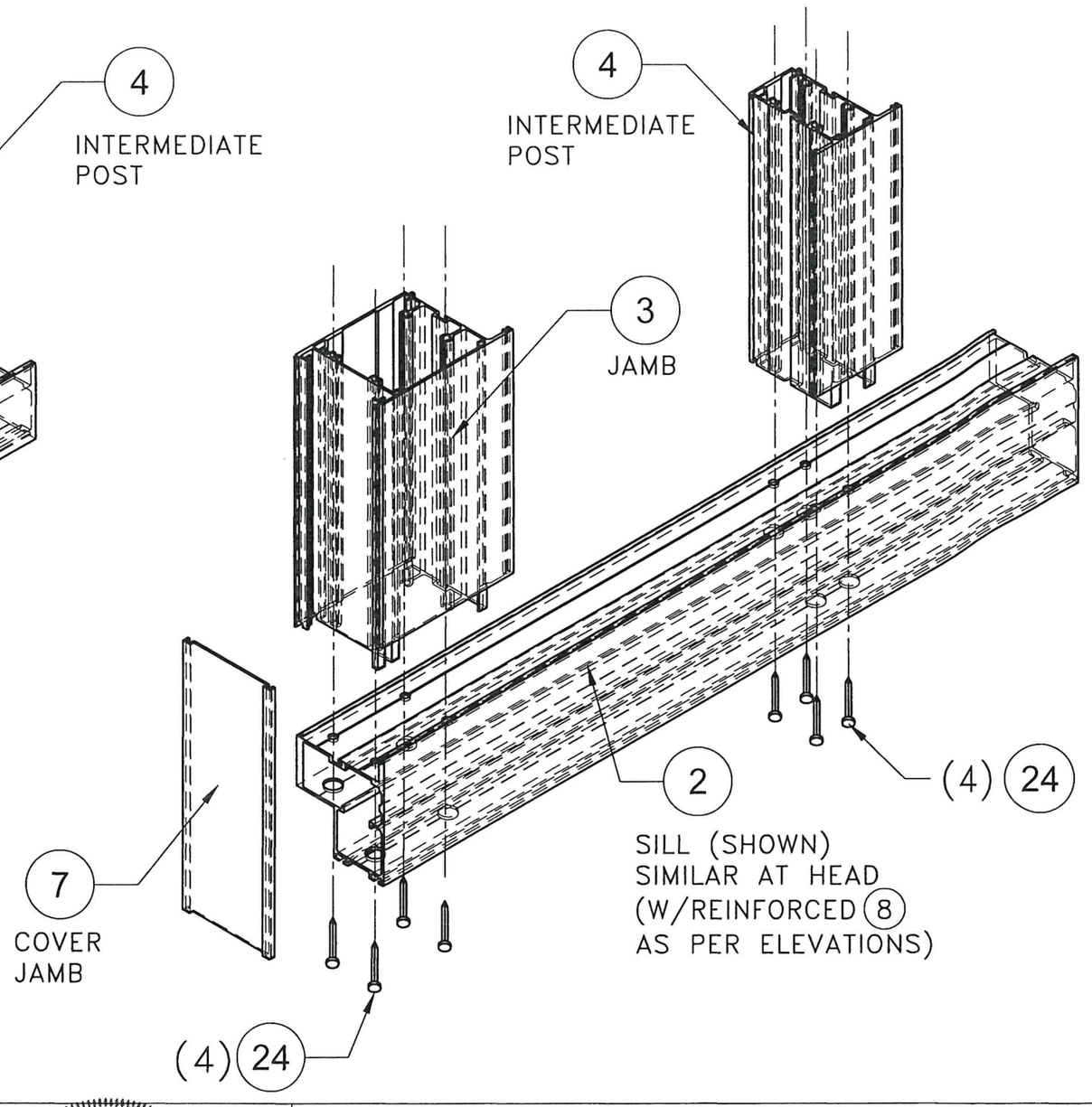
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TYPICAL PANEL INSTALLATIONS DETAILS: SYSTEMS #1 & #2

SCALE: N.T.S

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BILL OF MATERIALS: SYSTEM #2 (SEE SHEET 18 FOR GLAZING DETAILS)

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 15
(2)	SILL/HEAD	SEE COMPONENT DETAIL	6005-T5 Fy=35Ksi Fu=38Ksi	AGG102	SEE CONNECTION DETAILS ON SHEET 15
(3)	JAMBS	SEE COMPONENT DETAIL	6063-T6 Fy=25Ksi Fu=30Ksi	AGG103	SEE CONNECTION DETAILS ON SHEET 15
(4)	INTERMEDIATE POST	SEE COMPONENT DETAIL	6063-T6 Fy=25Ksi Fu=30Ksi	AGG104	SEE CONNECTION DETAILS ON SHEET 15
(5)	LAMINATED GLAZING BEAD	SEE COMPONENT DETAIL	6063-T6 Fy=25Ksi Fu=30Ksi	AGG105	SEE GLAZING DETAIL ON SHEET 4
(7)	JAMB COVER	SEE COMPONENT DETAIL	6063-T6 Fy=25Ksi Fu=30Ksi	AGG107	SEE DETAILS
(8A)	FRAMELESS COVER FOR SSG	SEE COMPONENT DETAIL	6063-T6 Fy=25Ksi Fu=30Ksi	AGG109	SEE DETAILS
(9)	BOTTOM FIXTURE	SEE COMPONENT DETAIL	11 GAUGE GALV. STEEL	M-101	USE AT (3)
(10)	UNIVERSAL HINGE	SEE COMPONENT DETAIL	11 GAUGE GALV. STEEL	M-102	USE AT (3) & (4)
(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)	TOP FIXTURE	SEE COMPONENT DETAIL	11 GAUGE GALV. STEEL	M-105	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
(18)	SETTING BLOCK	1/2"x1/8"	EPDM	-	SEE GLAZING DETAIL ON SHEET 4
(18C)	SETTING BLOCK FOR (G6) GLASS	1 1/4"x3/16"	EPDM	-	SEE GLAZING DETAIL ON SHEET 4
(19)	TEK SCREW	1/4"Ø-14 x3/4"	S.S	-	SEE DETAILS
(20)	JAMB ANGLE	SEE COMPONENT DETAIL	GALV. STEEL	-	SEE DETAILS
(21)	DOOR TRACK	SEE COMPONENT DETAIL	GALV. STEEL	-	BOLTED TO (20) W/ (23)
(22)	LAG SCREW (ANCHOR TO WOOD)	3/8"Ø x3" W/1¾"MIN. THREADED PENETRATION	GALV. STEEL	-	USE AT (20)
(23)	BOLT	1/4"Ø-20x1/2" W/WASHERED NUT	AISI 304 SERIES S.S	-	(21) CONNECTION TO (20)
(24)	ASSEMBLY SCREW	#12x2"	AISI 304 SERIES S.S	-	JOINT (3),(4) TO (1),(2)
(26)	SSG DECORATIVE GLASS EDGE PROTECTOR	SEE COMPONENTS DETAIL ON SHEET 17	6063-T5 Fy=16Ksi Fu=20Ksi	-	USE W/ (G6) GLASS TYPE

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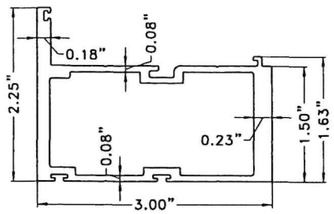
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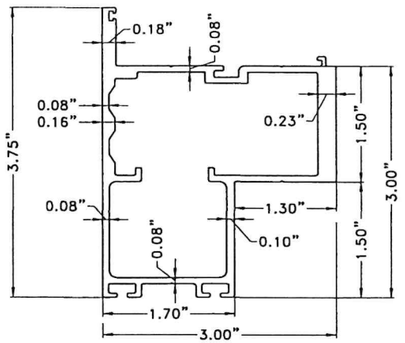
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2	-	-	4	-	-



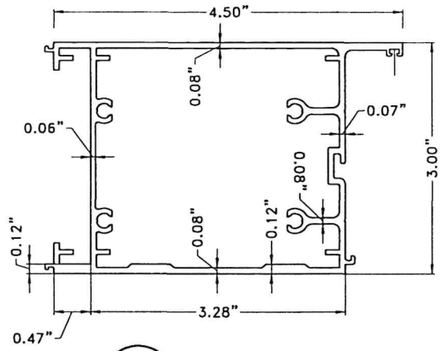
1 INTERMEDIATE RAIL

ALLOY 6005-T5 AGG101



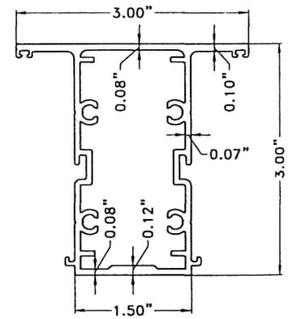
2 SILL/HEAD

ALLOY 6005-T5 AGG102



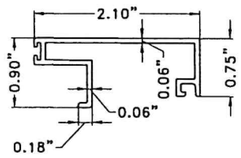
3 JAMBS

ALLOY 6063-T6 AGG103



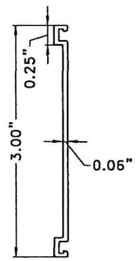
4 INTERMEDIATE POST

ALLOY 6063-T6 AGG104



5 LAMINATED GLAZING BEAD

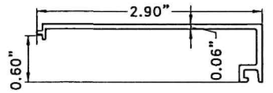
ALLOY 6063-T6 AGG105



JAMB COVER

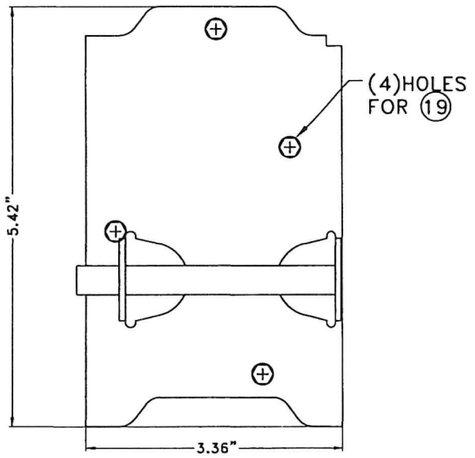
7

ALLOY 6063-T6 AGG107



8A FRAMELESS COVER FOR SSG

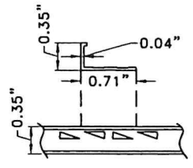
ALLOY 6063-T6 AGG109



9 BOTTOM FIXTURE

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

M-101

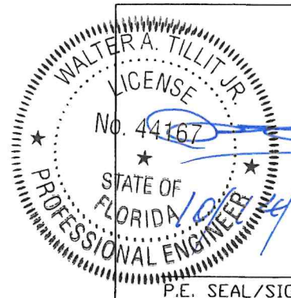


26 SSG DECORATIVE GLASS EDGE PROTECTOR

ALLOY 6063-T5

COMPONENTS: ALUMINUM SYSTEM #2

SCALE: N.T.S



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CA-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

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

F.R.L

DRAWN BY:

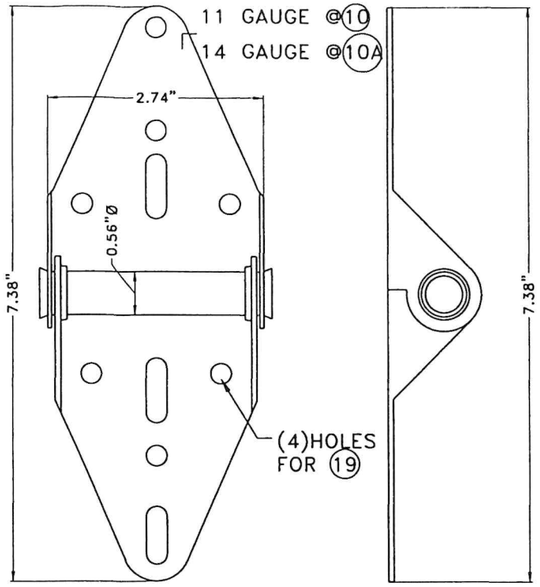
ALL GLASS GARAGE DOORS, LLC.
1601 NW 82TH AVE
DORAL, FL 33126
Phone: (305)6452555

08/12/2026
DATE:

26-262
DRAWING No.

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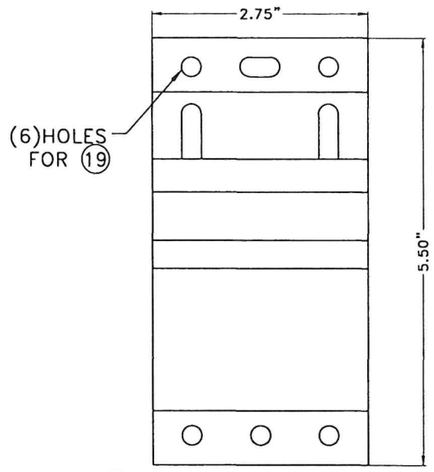
SHEET 16 OF 21



10 UNIVERSAL HINGE

Material:
GALVANIZED STEEL Fy=33 Ksi MIN.

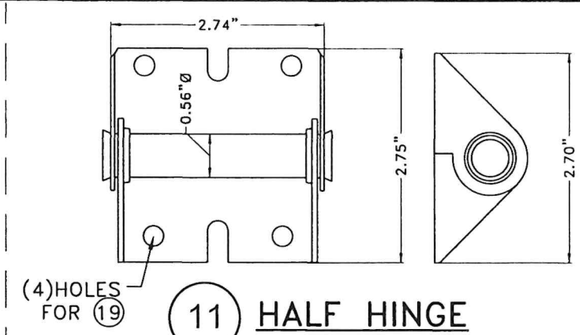
M-102



13 TOP FIXTURE

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

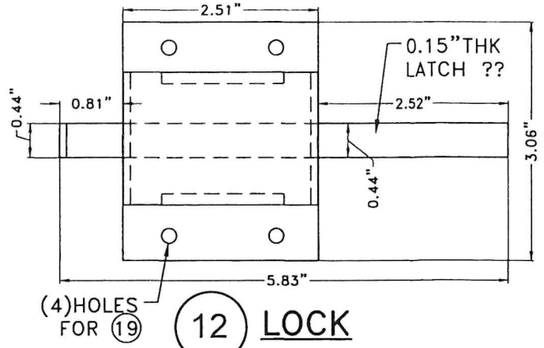
M-105



11 HALF HINGE

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

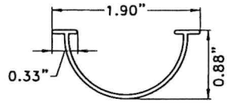
M-103



12 LOCK

Material:
GALVANIZED STEEL

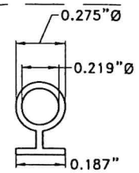
M-104



15 BOTTOM GASKET

MATERIAL: VIRGIN EPDM
SPECIFIC GRAVITY : 1.462 g/cm^3
TENSILE (ASTM D-412): 1054 psi
ELONGATION (ASTM D-412): 356%
DUROMETER (ASTM D-2240): 71pts.

G-101

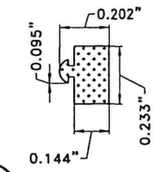


16 BULB GASKET

MATERIAL: POLYPROPYLENE
SPECIFIC GRAVITY (ASTM D792) : 0.980 g/cm^3
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

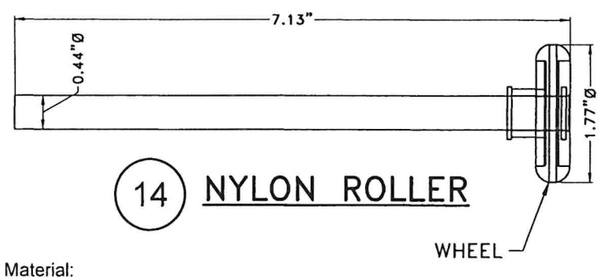
G-102

G-103



17 GASKET

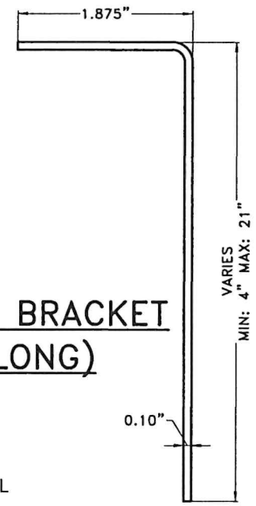
MATERIAL: VIRGIN EPDM
SPECIFIC GRAVITY : 1.462 g/cm^3
TENSILE (ASTM D-412): 1054 psi
ELONGATION (ASTM D-412): 356%
DUROMETER (ASTM D-2240): 71pts.



14 NYLON ROLLER

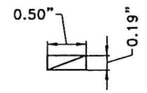
Material:
GALVANIZED STEEL

M-106



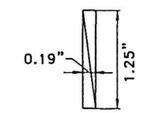
20 JAMB BRACKET (2¼"LONG)

Material:
GALVANIZED STEEL
Fy=42Ksi

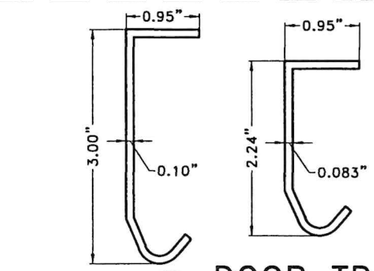


18 SETTING BLOCK FOR LAMINATED GLASS

Material:
EPDM (DUROMETER 80±5 SHORE A)



18C SETTING BLOCK FOR G6 GLASS



21 DOOR TRACK 3" OR 2"*

Material:
GALVANIZED STEEL Fy=42Ksi 11 GA.

* USE 3" TRACK FOR ALL DESIGN LOADS AND DOOR WIDTHS & HEIGHTS. FOR SYSTEM #2.
USE 2" TRACK ONLY FOR UP TO 42 psf DESIGN LOAD AND FOR DOOR AREAS NOT EXCEEDING 150 ft^2.

COMPONENTS: CONT (HARDWARE & ELSE) SYSTEM #2.

SCALE: N.T.S

WALTER A. TILLIT JR. LICENSE No. 44167 STATE OF FLORIDA PROFESSIONAL ENGINEER

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FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

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CA-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

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

F.R.L
DRAWN BY:

ALL GLASS GARAGE DOORS, LLC.
1601 NW 82TH AVE
DORAL, FL 33126
Phone: (305)6452555

08/12/2026
DATE:

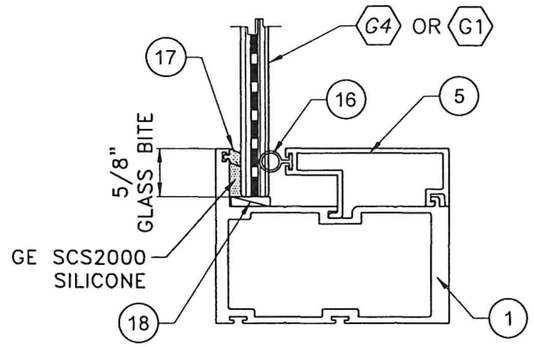
26-262
DRAWING No.

REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
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2	-	-	4	-	-

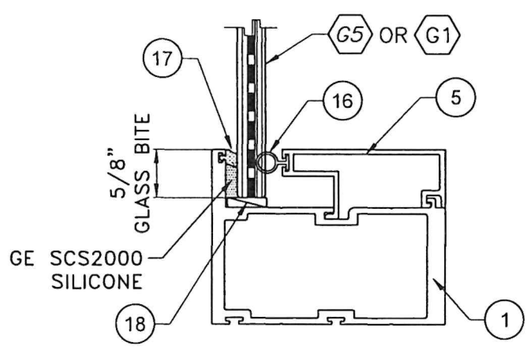
SHEET 17 OF 21

BILL OF MATERIALS (CONT'D): SYSTEM #2

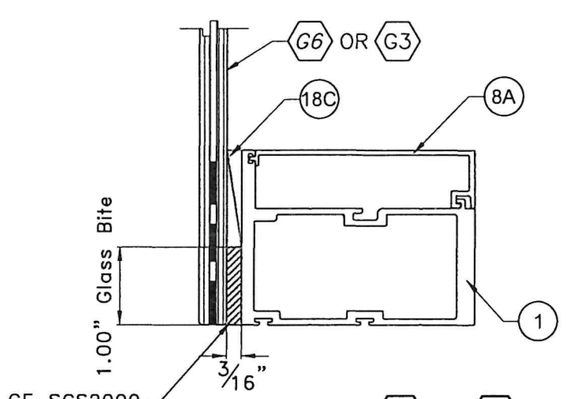
COMPONENT #	DESCRIPTION	MATERIAL
G4	5/16" NOMINAL LAMINATED GLASS W/ 1/8" ANN GLASS + 0.090" TROSIFOL PVB INTERLAYER BY KURARAY AMERICA, INC. + 1/8" ANN. GLASS.	GLASS
G5	5/16" NOMINAL LAMINATED GLASS W/ 1/8" ANN. GLASS + 0.030" TROSIFOL PVB INTERLAYER BY KURARAY AMERICA, INC + 1/8" ANN. GLASS.	GLASS
G6	5/16" NOMINAL LAMINATED GLASS W/ 5/32" ANN. GLASS + 0.030" EVALAM INTERLAYER BY JOHN DE GORTER, INC, + 5/32" ANN. GLASS.	GLASS
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
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.	GLASS



GLASS TYPE G4 & G1



GLASS TYPE G5



GLASS TYPE G6 & G3

GLAZING DETAILS: SYSTEM #2

SCALE: N.T.S

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FLORIDA Lic. # 44167

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

F.R.L

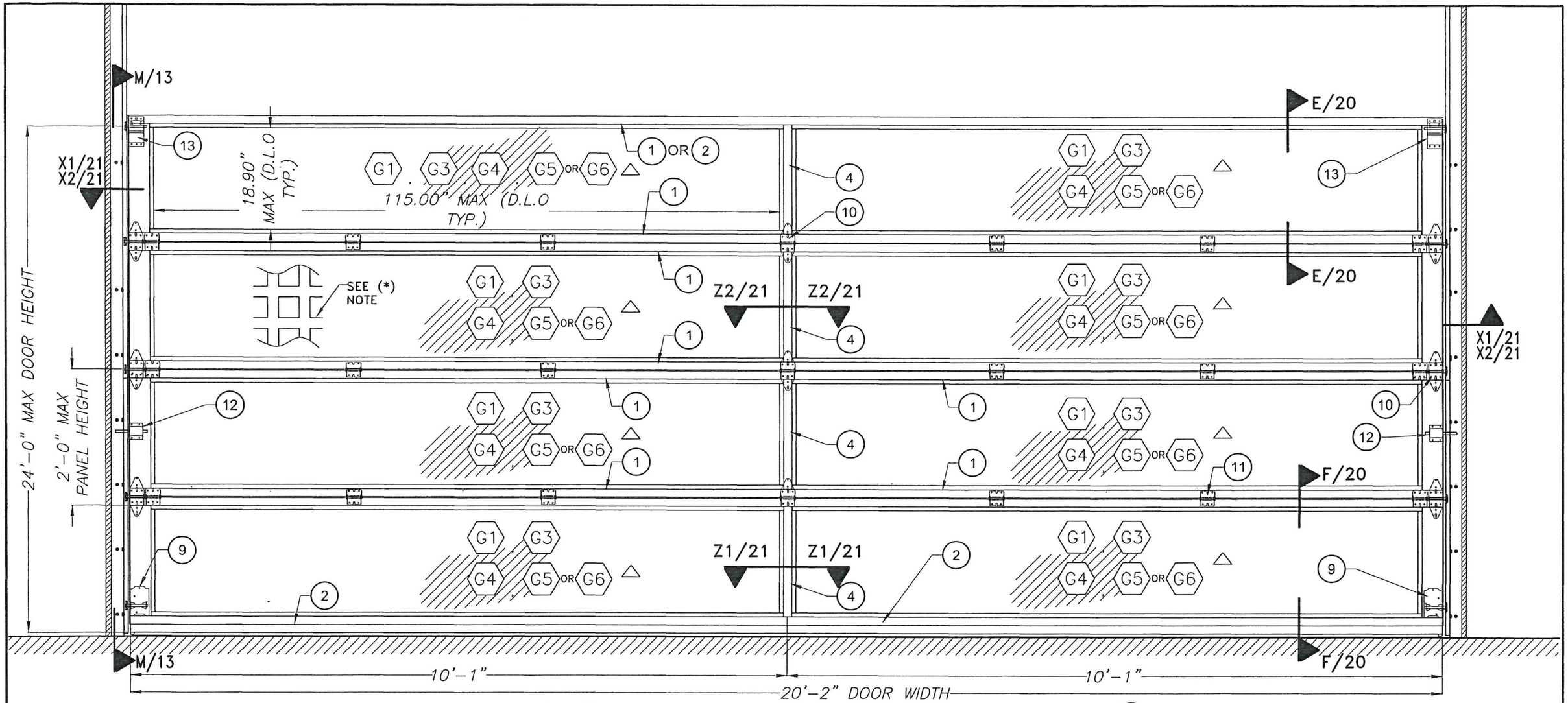
DRAWN BY:

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1601 NW 82TH AVE
DORAL, FL 33126
Phone: (305)6452555

08/12/2026
DATE:

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2	-	-	4	-	-



20'-2"MAX. DOUBLE DOOR W/ INTERMEDIATE POST (4) INTERIOR ELEVATION (UNREINFORCED AT (1) & (2)**: SYSTEM #2

SCALE: N.T.S

** LIMITATIONS FOR SYSTEM #2

MAX PRESSURE RATING (PSF)	IMPACT LOADS RESISTANCE W/ ⟨G4⟩, ⟨G1⟩ & ⟨G3⟩ REQ'D	NO IMPACT RESISTANCE W/ ⟨G5⟩, ⟨G6⟩
+42.0 , −42.0	50 FT/SEC 9LB 2x4 MISSILE WIND BORNE DEBRIS AREAS AS DEFINED BY FL BUILDING CODE	ONLY FOR NON WIND BORNE DEBRIS AREAS AS DEFINED BY FL BUILDING CODE

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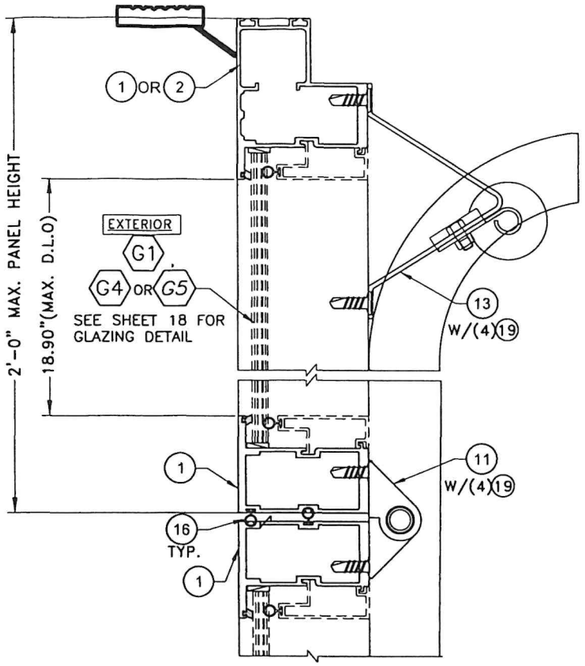
TILTECO INC.
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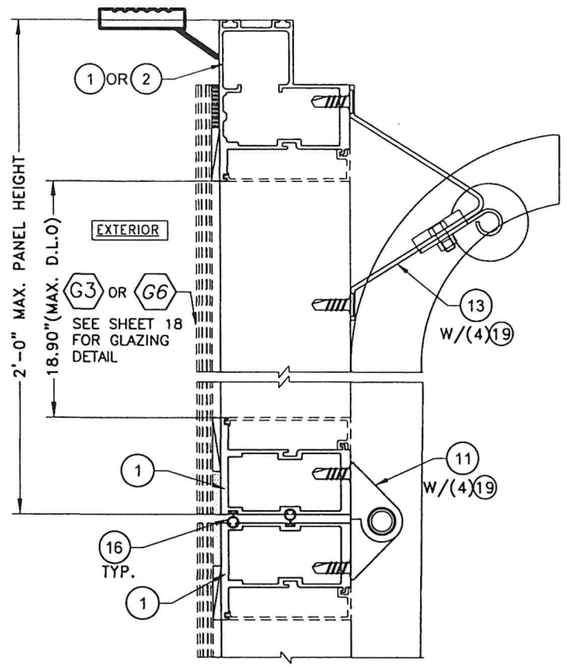
ALL GLASS GARAGE DOORS, LLC.
1601 NW 82TH AVE
DORAL, FL 33126
Phone: (305)6452555

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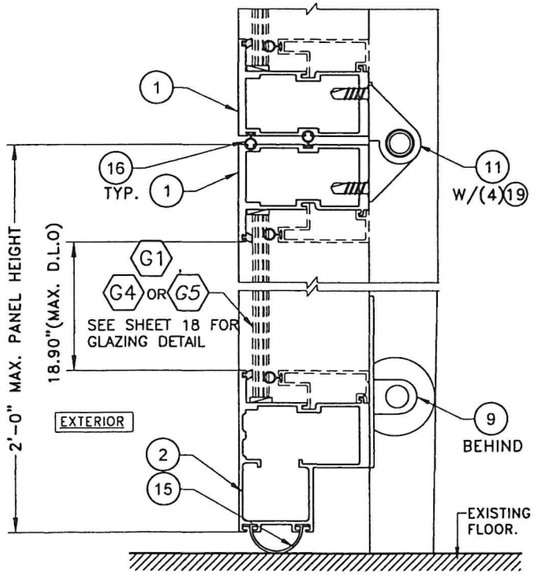
(CAPTURED GLASS)



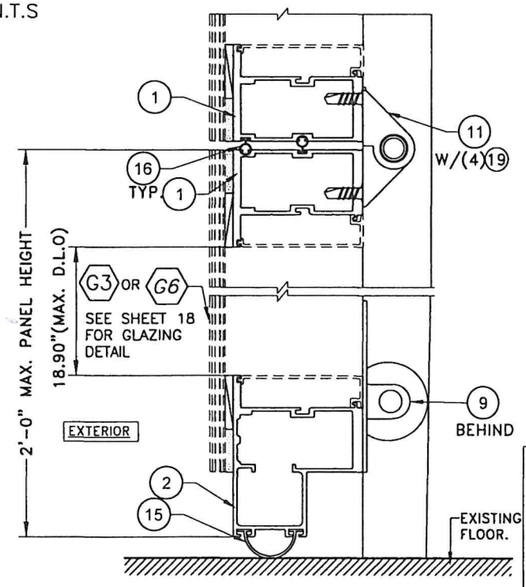
(SSG GLASS)

SECTIONS E-E

SCALE: N.T.S



(CAPTURED GLASS)



(SSG GLASS)

SECTIONS F-F (UNREINFORCED)

SCALE: N.T.S

SYSTEM #2

WALTER A. TILLIT JR. LICENSE No. 44167 STATE OF FLORIDA PROFESSIONAL ENGINEER

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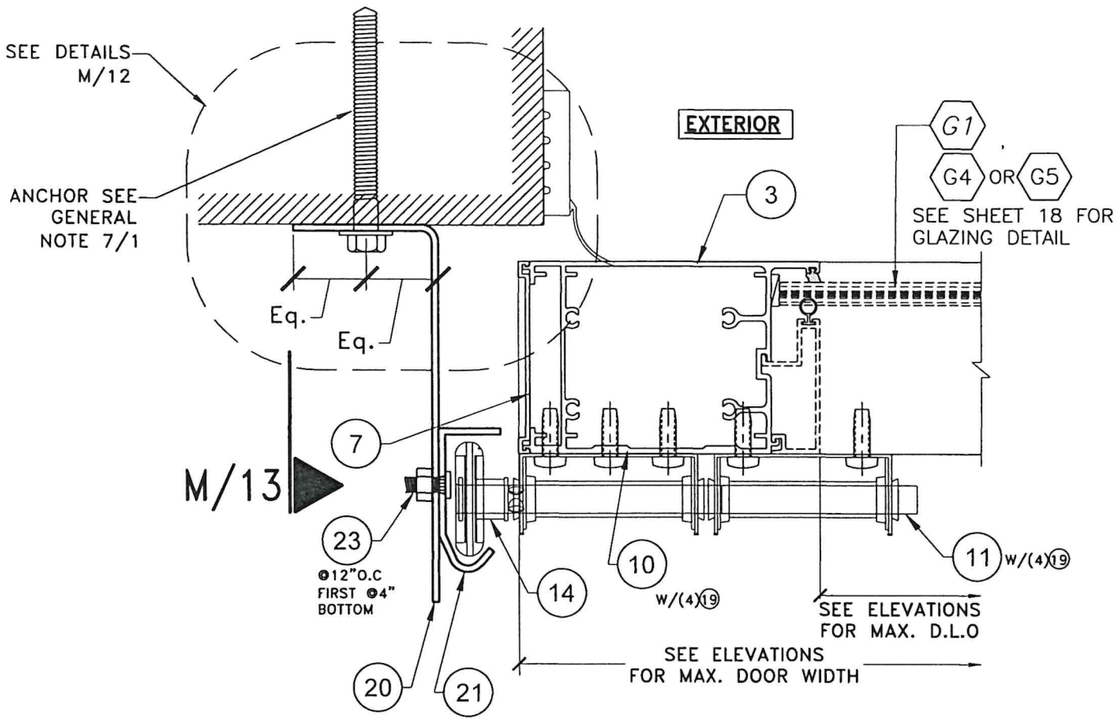
DRAWN BY:

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DATE:

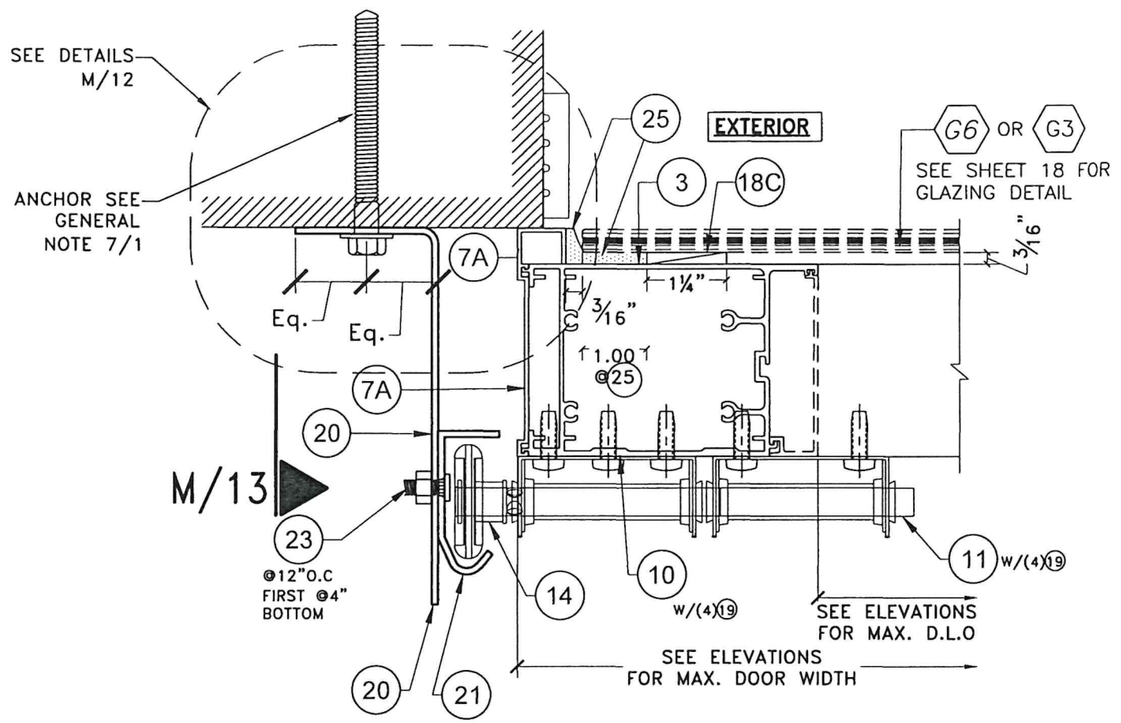
26-262
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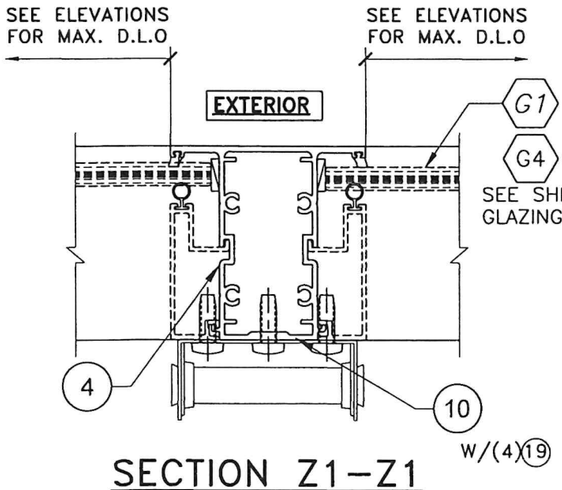
SECTION X1–X1

SCALE: N.T.S



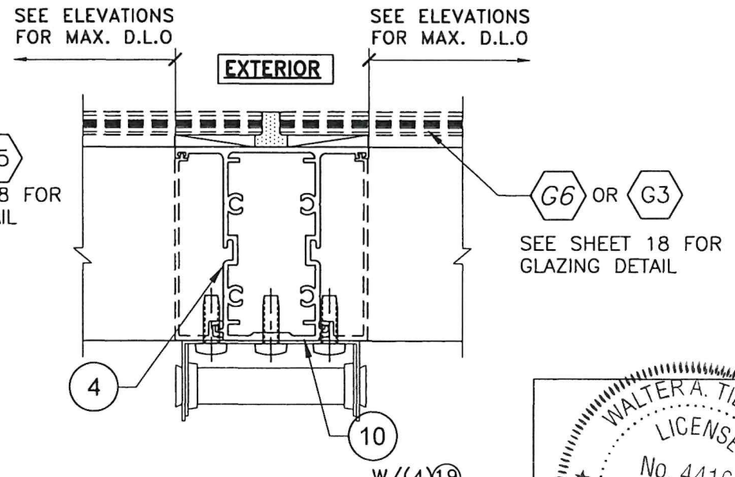
SECTION X2–X2 (SSG)

SCALE: N.T.S



SECTION Z1–Z1

SCALE: N.T.S



SECTION Z2–Z2 (SSG)

SCALE: N.T.S

SYSTEM #2



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