

NOTES:

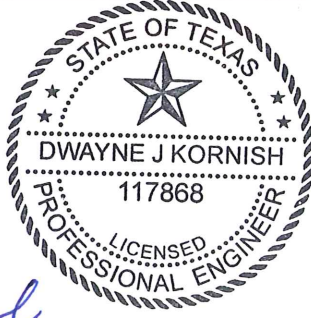
1. IMPACT RESISTANT GLAZING OPTION- IMPACT RESISTANT GLAZING SYSTEM MAY BE INSTALLED IN TOP OR INTERMEDIATE SECTION (WITH OR WITHOUT DECORATIVE INSERTS). GLAZING SHALL BE 1/4" POLYCARBONATE. MAXIMUM GLAZING DIMENSIONS SHALL BE 11" x 17" CUTOUT, FASTENED WITH #8 X 1" SMS: 3X ALONG THE HORIZONTAL AND 2X ALONG THE VERTICAL. SEE DETAIL J ON SHEET 2 FOR ASSEMBLY DETAILS.
2. NON-IMPACT REISTANT GLAZING OPTION - .090" MINIMUM SSB GLAZING IN MOLDED FRAMES SCREWED TOGETHER WITH A MINIMUM OF (10) #8x1" SCREWS INSTALLED IN TOP OR INTERMEDIATE SECTION (WITH OR WITHOUT DECORATIVE INSERTS) MEETS UNIFORM STATIC WIND PRESSURES SHOWN ON THIS DRAWING. GLAZING SHALL HAVE A MAXIMUM HEIGHT OF 10.69" AND A MAXIMUM LENGTH OF 16.94". GLAZING IS NOT IMPACT RESISTANT AND DOES NOT MEET THE REQUIREMENTS FOR WIND-BORNE DEBRIS REGIONS.
3. VINYL OR WOOD DOOR STOP NAILED A MAXIMUM OF 6" O.C. MUST OVERLAP TOP AND BOTH ENDS OF PANELS MINIMUM 7/16" TO MEET NEGATIVE PRESSURES.
4. KEY LOCK OR SLIDE LOCKS REQUIRED.
5. LOUVER OPTION - .040" MINIMUM LOUVERS IN MOLDED FRAMES SCREWED TOGETHER WITH A MINIMUM OF (10) #8x1" SCREWS INSTALLED IN THE BOTTOM SECTION. LOUVERS ARE NOT IMPACT RESISTANT AND DO NOT MEET THE REQUIREMENTS FOR WIND-BORNE DEBRIS REGIONS.
6. SECTION STEEL TO HAVE A MINIMUM 26 GA THICKNESS.
7. THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.
8. DOOR JAMB TO BE MINIMUM 2x4 STRUCTURAL GRADE LUMBER. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.
9. FOR LOW HEAD ROOM LIFT CONDITIONS, TOP BRACKET SHALL BE A 13 GA LHR 7/4 TOP BRACKET WITH A MINIMUM OF (3) 1/4-14x7/8" SELF DRILLING CRIMPITE SCREWS IN LIEU OF THE BRACKET SHOWN ON THIS DRAWING. U-BAR ON TOP SECTION SHALL BE INSTALLED ON TOP OF LHR TOP BRACKETS.

- 13 GA HORIZ ANGLE
- 13 GA FLAG ANGLE
- 16 GA MIN HORIZ TRACK
- 5/16x1-5/8" LAG SCREW (MIN 3 AS SHOWN)
- (4) 1/4-20x9/16" LARGE HEAD TRACK BOLTS OR 1/4-20 STUDS WITH 1/4-20 HEX NUTS
- 16 GA MIN VERT TRACK
- 1/4-20x9/16" TRACK BOLT AND 1/4-20 HEX NUT AT EACH JB-US JAMB BRACKET LOCATION
- 5/16x1-5/8" LAG SCREW AT EACH JAMB BRACKET
- 15 GA STIFFENED JAMB BRACKETS SEE SCHEDULE FOR QUANTITY, LOCATION, AND TYPE
- KEY LOCK OR SLIDE LOCK EACH END (SEE NOTE 4). SLIDE LOCK SHOWN FOR CLARITY

NOTE: (4) SECTION SOLID DOOR SHOWN. SEE SHEET 2 FOR U-BAR LOCATIONS ON DOORS WITH OTHER SECTION QUANTITIES AND SEE NOTES 1 AND 2 THIS SHEET FOR GLAZING OPTIONS.

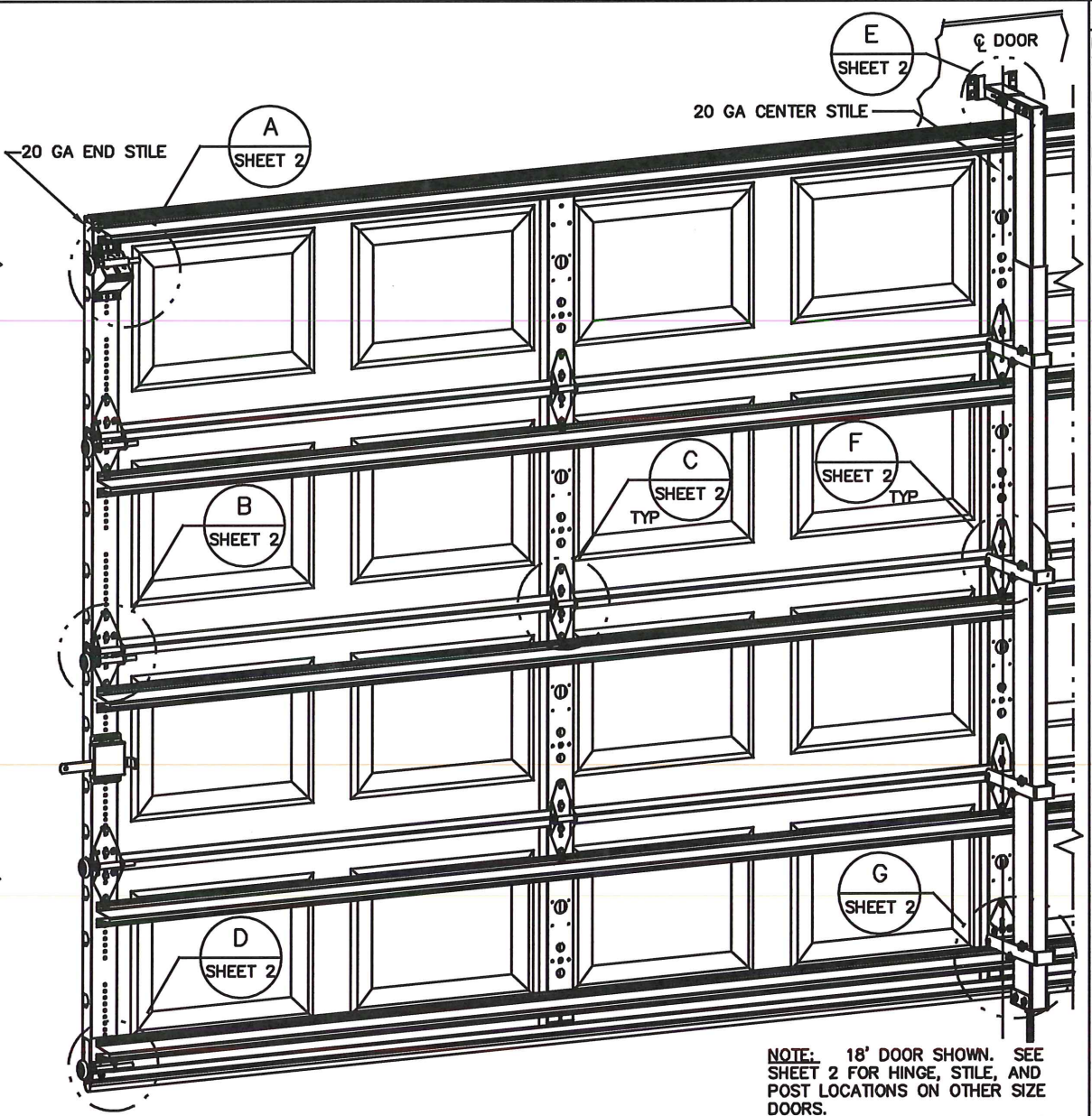
SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

MAX DOOR WIDTH	MAX DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)	POINT LOAD AT HEADER AND SLAB AT EACH POST LOCATION (LBS)
15'-0"	7'-0"	+147.7/-164.4	+933.6/-1039.4
	8'-0"	+147.7/-164.4	+1060.9/-1181.2
16'-0"	7'-0"	+135.0/-150.3	+1028.4/-1145.0
	8'-0"	+135.0/-150.3	+1168.6/-1301.1
17'-0"	7'-0"	+138.7/-154.4	+1127.3/-1255.1
	8'-0"	+138.7/-154.4	+1281.0/-1426.2
18'-0"	7'-0"	+142.7/-158.8	+1224.2/-1363.0
	8'-0"	+142.7/-158.8	+1391.1/-1548.8



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NOTE: 18' DOOR SHOWN. SEE SHEET 2 FOR HINGE, STILE, AND POST LOCATIONS ON OTHER SIZE DOORS.

REVISIONS

- P1 MODIFIED NOTES TO STATE THAT LOUVERS ARE NOT IMPACT RESISTANT. GRT 6/29/07
- P2 MODIFIED JAMB BRACKET SCHEDULE ALLOWING REPLACEMENT OF QI WITH JB-US. REMOVED CONCRETE SPECIFICATION FROM NOTES AND ADDED DETAIL H SHEET 2 FOR CONCRETE SPECIFICATION. ADDED IMPACT RESISTANCE TO DOOR. ADDED MAX GLAZING DIMENSION TO NOTES SHEET 1. ADDED TRACK TO FLAG CONNECTION NOTE. MODIFIED SUPERIMPOSED DESIGN PRESSURE LOAD CHART. GRT 11/10/07
- P3 MODIFIED LOUVER OPTION. ADDED TEXAS LICENSE NUMBER TO TITLE BLOCK. ADDED IMPACT RESISTANT GLAZING. GRT 9/19/08
- P4 UPDATED TITLE BLOCK AND IMPACT GLAZING GRT 4/16/12
- P5 UPDATED TITLE BLOCK ESC 10/3/17
- REV F ADDED IRC/IBC NOTE TLC 4/12/21

JAMB BRACKET SCHEDULE

DOOR HEIGHT	NO. OF SECTIONS	NO. OF JAMB BRACKETS (EACH JAMB)	TRACK TYPE	LOCATION OF CENTERLINE OF JAMB BRACKETS MEASURED FROM BOTTOM OF TRACK (ALL DIMENSIONS ± 2")
6'-6"	4	4	QI	14" (QI), 34" (JB-US), 44" (QI), 56" (JB-US)
6'-6"	4	4	FAT	10" (JB-US), 25-3/4" (JB-US), 39" (JB-US), 57-1/4" (JB-US)
7'-0"	4	4	QI	14" (QI), 29-1/2" (JB-US), 44" (QI), 63-1/4" (JB-US)
7'-0"	4	4	FAT	10" (JB-US), 29-3/4" (JB-US), 42" (JB-US), 63-1/4" (JB-US)
7'-6"	5	5	QI	14" (QI), 28-1/2" (JB-US), 43" (QI), 62-1/2" (QI), 72" (JB-US)
7'-6"	5	5	FAT	10" (JB-US), 26-3/4" (JB-US), 45" (JB-US), 63" (JB-US), 74-1/2" (JB-US)
8'-0"	5	5	QI	14" (QI), 34" (JB-US), 46" (QI), 58" (JB-US), 66-1/2" (QI)
8'-0"	5	5	FAT	10" (JB-US), 29-3/4" (JB-US), 48" (JB-US), 57-1/2" (JB-US), 77-1/2" (JB-US)
> 8'-0"				SEE NOTE BELOW

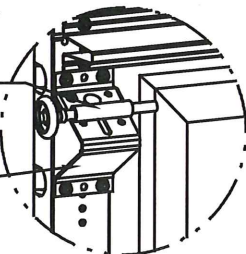
NOTE: (JB-US) FOLLOWING DIMENSION DENOTES SLOTTED JAMB BRACKET ATTACHED TO TRACK WITH 1/4-20x9/16" TRACK BOLT AND NUT. (QI) FOLLOWING DIMENSION DENOTES QUICK INSTALL JAMB BRACKET INSTALLED IN BUTTERFLY SLOT. NO ADDITIONAL HARDWARE NEEDED TO ATTACH TO TRACK. ALL DOORS GREATER THAN 8' IN HEIGHT REQUIRE USE OF CONTINUOUS WALL ANGLE. SEE SUPPLEMENT TRACK CHART FOR DETAILS.

COMPLIES WITH THE REQUIREMENTS OF IBC/IRC 2018.

<p>Wayne Dalton GARAGE DOORS</p> <p>A DIVISION OF OVERHEAD DOOR CORP 3395 ADDISON DRIVE PENSACOLA, FLORIDA 32514 (850) 474-9890</p>	<p>STATIC PRESSURE RATINGS</p> <p>DESIGN (PSF): +34.40/-38.30</p> <p>TEST (PSF): +51.60/-57.45</p> <p>IMPACT/CYCLIC RATED (YES/NO): YES</p>	<p>APPROVED SIZES</p> <p>MAX WIDTH: 18'-0"</p> <p>MAX HEIGHT: 8'-0"</p> <p>MAX SECTION HEIGHT: 21"</p>	<p>SCALE: N.T.S.</p> <p>DATE: 5/23/06</p> <p>CHECKED: 4/12/21</p>	<p>SIZE: A</p> <p>NAME: GRT</p> <p>TLC</p>
	<p>MODELS 8000/8100</p>		<p>SHEET 1 OF 2</p>	
	<p>WINDLOAD SPECIFICATION OPTION CODE 1143</p>		<p>DRAWING PART NO. 327023</p>	
			<p>REV. F</p>	

13 GA ROLLER SLIDE ATTACHED TO BRACKET WITH 5/16-18 BOLT & NUT IN CENTER SLOT AND 1/4-20x9/16" TRACK BOLT & 1/4-20 HEX NUT THROUGH ANY TWO ALIGNING HOLES

13 GA COMMERCIAL 'A' FRAME TOP BRACKET ATTACHED WITH (4) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS



ADD (2) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS (INSIDE OF EACH END HINGE)



2" NYLON STORMGARD ROLLER WITH 4-1/2" STEM



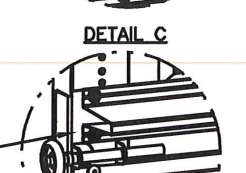
14 GA WIDE BODY END HINGE ATTACHED WITH (4) 1/4-14x5/8" SELF TAPPING SCREWS



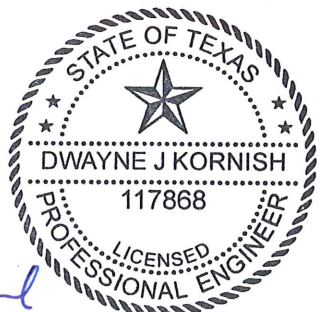
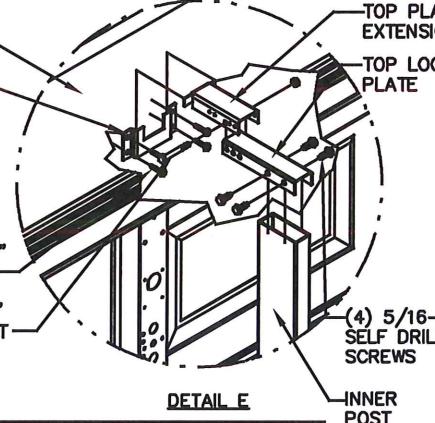
18 GA NARROW BODY INTERMEDIATE HINGE ATTACHED WITH (4) 1/4-14x5/8" SELF TAPPING SCREWS



14 GA BOTTOM BRACKET ATTACHED WITH (2) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS THROUGH STRUT AND BOTTOM BRACKET AND (1) 1/4-14x5/8" SELF DRILLING TAMPER RESISTANT SCREW



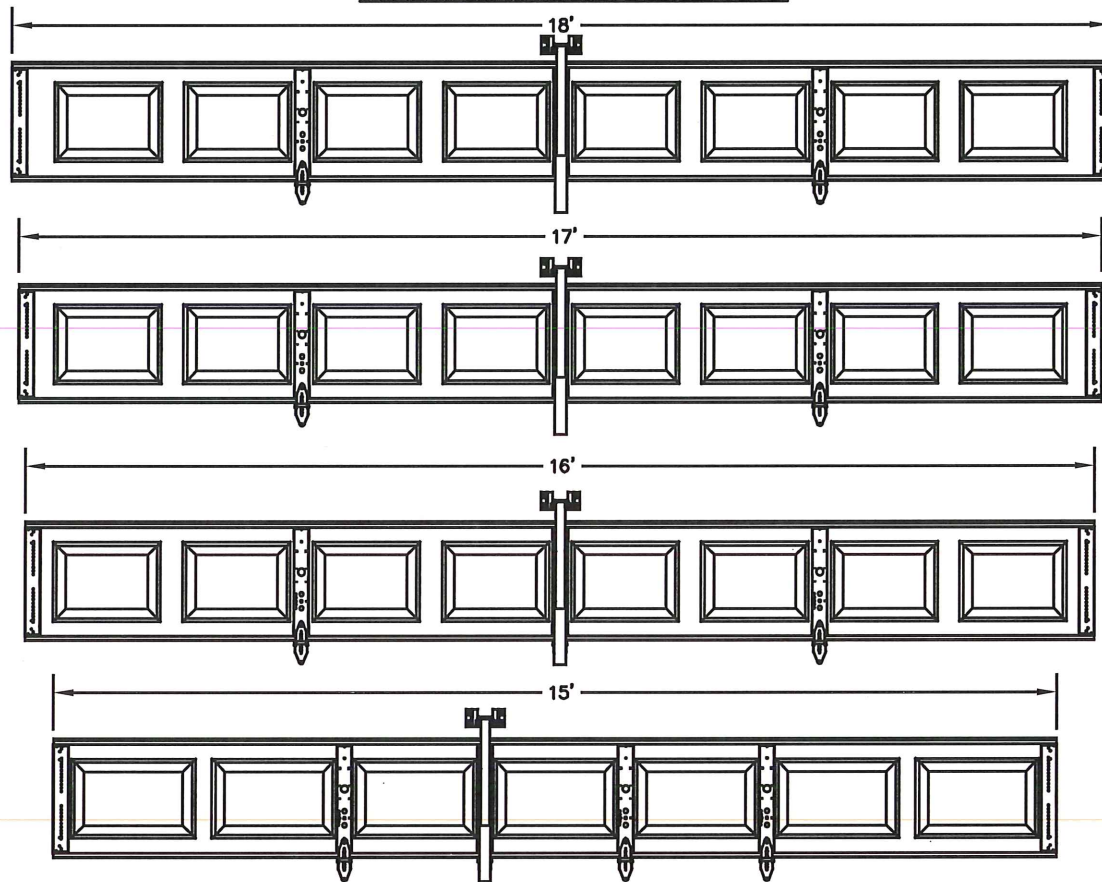
HEADER
HEADER LOCK BRACKET
TOP PLATE EXTENSION
TOP LOCK PLATE
(4) 5/16x1-5/8" LAG SCREWS
5/16-18x2-1/2" HEX BOLT & NUT
(4) 5/16-12x1" SELF DRILLING SCREWS
INNER POST



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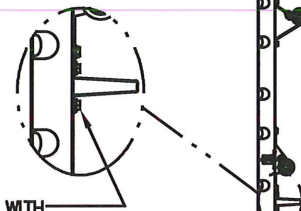
CENTER STILE, INTERMEDIATE HINGE, & POST LOCATIONS



U-BAR LOCATIONS

(5) SECTION DOORS WITH
(7) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

(4) SECTION DOORS WITH
(5) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN



ATTACH U-BAR WITH
(2) 1/4-14x7/8" SELF
DRILLING CRIMPTITE SCREWS
AT EACH STILE LOCATION, TYP.

2500 PSI MIN CONCRETE
8" X 8" MIN TURNDOWN SLAB AT EDGE
8" MIN EDGE DISTANCE

DETAIL H

18 GA CENTER HINGE
(2) 5/16 FLAT WASHERS
(2) 5/16-12x1" SELF DRILLING SCREWS
HITCH PIN
(4) 1/4-14x5/8" SELF TAPPING SCREWS
LOCKING STRAP
POST

DETAIL E

NO. 2 HALF HINGE ALIGN BOTTOM OF HINGE WITH TOP OF THE U-BAR
(4) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS
HITCH PIN
(2) 5/16-12x1" SELF DRILLING SCREWS W/ 5/16 FLAT WASHERS
BOTTOM BRACKET
(4) 5/16-12x1" SELF DRILLING SCREWS
POST
LOCKING STRAP
1/2-13x3-1/2" HEX BOLT
1/2-13 HEX NUT

DETAIL G

INTERIOR FRAME
SHEETMETAL SCREW
EXTERIOR FRAME
1/4" POLYCARBONATE

DETAIL J

Wayne Dalton
GARAGE DOORS

A DIVISION OF OVERHEAD DOOR CORP
3395 ADDISON DRIVE
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STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF):	+34.40/-38.30	MAX WIDTH:	18'-0"	DATE	5/23/06	NAME	GRT
TEST (PSF):	+51.60/-57.45	MAX HEIGHT:	8'-0"	DRAWN	4/12/21	TLC	
IMPACT/CYCLIC RATED (YES/NO): YES		MAX SECTION HEIGHT: 21"	CHECKED	SHEET 2 OF 2			
MODELS 8000/8100				DRAWING PART NO.		REV.	
WINDLOAD SPECIFICATION OPTION CODE 1143				327023		F	