NOTES: 1. NON-IMPACT RESISTANT GLAZING OPTION - .090" MINIMUM SSB GLAZING IN MOLDED FRAMES SCREWED TOGETHER WITH A MINIMUM OF (6) #8x1" SCREWS FOR

GLAZING WITH A MAXIMUM LENGTH OF 16.75" OR (10) #8x1" SCREWS FOR GLAZING WITH A MAXIMUM LENGTH OF 39" INSTALLED IN TOP OR INTERMEDIATE SECTION (WITH OR WITHOUT DECORATIVE INSERTS) MEETS UNIFORM STATIC DESIGN PRESSURES SHOWN ON THIS DRAWING. GLAZING SHALL HAVE A MAXIMUM HEIGHT OF 13.75". GLAZING IS NOT IMPACT RESISTANT AND DOES NOT MEET THE REQUIREMENTS FOR WIND-BORNE DEBRIS REGIONS.

2. 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" MAKROLON-AR POLYCARBONATE OR EQUAL. GLAZING SHALL HAVE A MAXIMUM HEIGHT OF 15.21" AND A MAXIMUM LENGTH OF 50.08". GLAZING IS IMPACT RESISTANT AND DOES MEET THE REQUIREMENTS FOR WIND-BORNE DEBRIS REGIONS. SEE DETAIL E ON SHEET 2 FOR ASSEMBLY DETAILS. GLAZED SECTION REQUIRES REINFORCEMENT BRACKETS ATTACHED TO U-BAR ON UPPER INTEGRAL RIB (SEE DETAIL G SHEET 2), 18 GA J-STRUT SCREWED TO LOWER INTEGRAL RIB OF SECTION AND OPERATOR STILE TO BE FACTORY INSTALLED. INSTALLER SHALL FIELD INSTALL (1) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREW TO ATTACH THE J-STRUT TO THE INTEGRAL RIB AND OPERATOR STILE AT THE CENTERLINE OF THE DOOR PER DETAIL F ON

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.

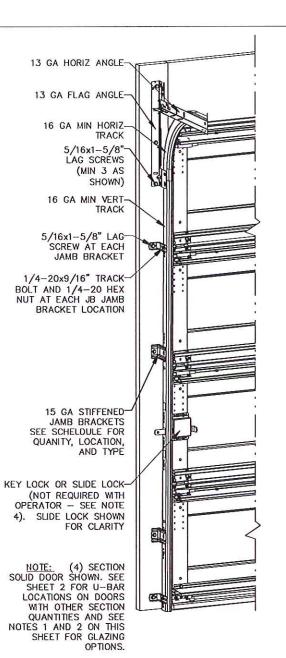
4. KEY LOCK, SLIDE LOCK, OR OPERATOR REQUIRED.

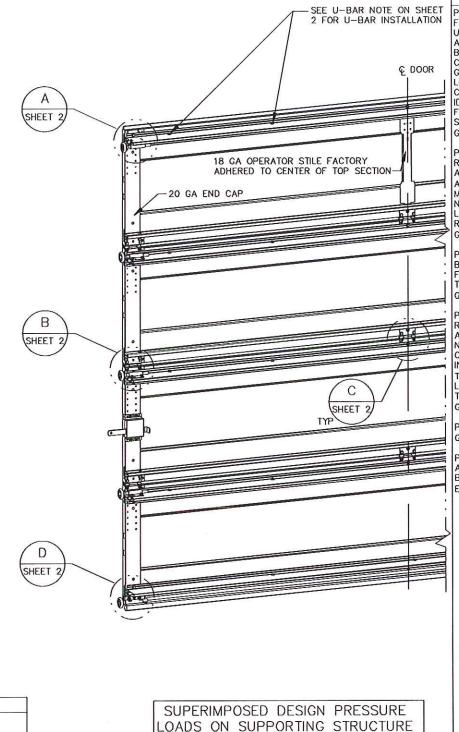
5. SECTION SHALL BE CONSTRUCTED WITH FOAMED IN PLACE POLYURETHANE FOAM INSULATION CHEMICALLY BONDED TO 30 GA MINIMUM FACER STEEL AND A POLYLAMINATE BACKER, OR 32 GA STEEL BACKER. END CAP TO HAVE A MINIMUM 1.1" DEPTH.

6. 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.

7. DOOR JAMB TO BE MINIMUM 2x6 STRUCTURAL GRADE LUMBER. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.

8. LOUVER OPTION - .040" MINIMUM LOUVERS IN MOLDED FRAMES SCREWED TOGETHER WITH A MINIMUM OF (6) #8x1" SCREWS INSTALLED IN THE BOTTOM SECTION. LOUVERS ARE NOT IMPACT RESISTANT AND DO NOT MEET THE REQUIREMENTS FOR WIND-BORNE DEBRIS REGIONS.





MAX DOOR

MDTH

8'-0"

9'-0"

DOOR

HEIGHT

ALL

ALL

REVISIONS P3 CHANGES TO GENERAL FORMAT AND CHANGED U-BAR FASTENER TYPE AT END CAPS AND BOTTOM RETAINER. CHANGED CENTER HINGE GAUGE AND ADDED LOUVER OPTION. HANGED STRUT IDENTIFICATION METHOD ROM COLORED PAINT TO STAMPED NUMBER. GRT 3/07/06

P4 ADDED IMPACT RESISTANCE TO DOOR. ADDED JB JAMB BRACKET AT 2" LOCATION, ADDED MODEL 6100. MODIFIED NOTE 8 TO STATE THAT OUVERS ARE NOT IMPACT RESISTANT. GRT 6/6/07

5 MODIFED JAMB BRACKET SCHEDULE FOR AT OPTION. ADDED LHR TRACK DETAIL SHEET 2. GRT 4/17/08

P6 ADDED IMPACT RESISTANT GLAZING. ADDED TEXAS LICENSE NUMBER TO TITLE BLOCK. HANGED LOUVER NOTE. ICREASED MAX HEIGHT TO 8'-9". ADDED HIGH LIFT AND ROOF PITCH TRACK NOTE. GRT 7/22/08

P7 UPDATED TITLE BLOCK GRT 8/26/10

8 ER31526 ADDED 9605, AND BACKER NOTES ESC 5/23/17

			JAMB E	BRACKET SCHEDULE				
DOOR HEIGHT	I NO OF	NO. OF JAMB BRACKETS (EACH JAMB)	TRACK TYPE	LOCATION OF CENTERLINE OF JAMB BRACKETS MEASURED FROM BOTTOM OF TRACK (ALL DIMENSIONS ± 2")				
7'-0"	4	4	QI	2" (JB), 13" (QI), 45-1/4" (QI), 63" (JB)				
7'-0"	4	4	FAT	2" (JB), 10" (JB), 42" (JB), 63-1/4" (JB)				
8'-0"	5	5	QI	2" (JB), 13" (QI), 34" (JB), 47-1/4" (QI), 67" (QI)				
8'-0"	5	5	FAT	2" (JB), 10" (JB), 29-3/4" (JB), 48" (JB), 66" (JB)				
> 8'-0'	HIGH LIF	T/ROOF PITCH		SEE NOTE BELOW				

(JB) 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 WITH HIGH LIFT, ROOF PITCH, AND/OR GREATER THAN 8' IN HEIGHT REQUIRE USE OF CONTINUOUS WALL ANGLE. SEE SUPPLEMENT TRACK CHART FOR DETAILS.

DIVISION OF OVERHEAD DOOR COR 3395 ADDISON DRIVE PENSACOLA, FLORIDA 32514 (850) 474-9890

	STATIC PRESSURE RATINGS			APPROVED SIZES S				SCALE: N.T.S.		
	DESIGN (PSF):	+26.90/-30.80	MAX	WIDTH:	9'-0"			DATE	N	AME
	TEST (PSF):	(PSF): +40.35/-46.20		HEIGHT:	8'-9"	DRAWN		3/7/06	GRT	
0	IMPACT/CYCLIC	RATED (YES/NO): YES	MAX	SECTION	HEIGHT: 21'	CHEC	KED 4/6/06 M			IRB
	MODELS 5120/9100/9605						SHEET 1 OF 2			
RP				•			DRA	WING PART	NO.	REV.
	WINDLOAD	SPECIFICATION SPECIFICATION	OP'	TION C	ODE 02	28		318958		PR

UNIFORM LOAD EACH JAMB (PLF)

+107.6/-123.2

+121.1/-138.6

DROTT NO WAYNE J KOPY STATE OF

STATE OF

COUNTY

VALUE OF

NOTE

(JB) FL

(QI) FOLL

ALL DOORS

ONAL ENGINE

COUNTY

DWAYNE J. KORNISH, PE 4576 COUNTY ROAD 160 MOUNT HOPE, OHIO FL PE 77945 TX PE 117868

PROFESSIONAL ENGINEER'S SEAL PROVIDED ONLY FOR VERIFICATION OF WINDLOAD CONSTRUCTION DETAILS.

13 GA ADJUSTABLE TOP FIXTURE ATTACHED TO PRE-PUNCHED HOLES IN BOTTOM OF U-BAR WITH (2) 1/4-14x5/8* CRIMPTITE SCREWS

13 GA ROLLER SLIDE ATTACHED TO

PROPER ALIGNMENT OF ROLLERS

15 GA HINGE ATTACHED

CRIMPTITE SCREWS (2 OF

18 GA HINGE ATTACHED

CRIMPTITE SCREWS (2 OF

WITH (6) 1/4-20x5/8

WHICH ARE FACTORY

TOP LEAF, AND 1 OF

IN U-BAR)

WITH (4) 1/4-14x5/8"

WHICH ARE FACTORY

2" NYLON SILENT GLIDE ROLLER WITH

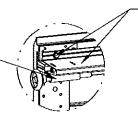
ATTACHED)

4" STEM -

PRE-PUNCHED HOLES IN TOP OF U-BAR

USE VIEWING HOLE IN SLIDE TO ENSURE

WITH (2) 1/4-14x5/8" CRIMPTITE SCREWS.



DETAIL A

-PLACE U-BAR OVER INTEGRAL RIB WITH THE (8) PRE-PUNCHED HOLES EACH END FACING UPWARD AND ATTACH THRU END CAP AT EACH END WITH (2) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS FOR STANDARD TRACK AND (3) 1/4-14x7/8" SELF DRILLING CRIMPTITE' SCREWS FOR LOW HEADROOM TRACK (2 OF WHICH ARE USED TO ATTACHED THE TOP BRACKET AS SHOWN).

LOW HEADROOM TRACK DETAIL A

-13 GA ADJUSTABLE

DETAIL G

(1) 1/4-14x7/8" SELF DRILLING CRIMPTITE

J-STRUT & OPERATOR BRACKET.
NOTE: J-STRUT & SCREW ONLY REQUIRED

ON IMPACT GLAZED SECTIONS. SEE NOTE

SCREW AT CENTER LINE OF DOOR THRU

USED ONLY ON IMPACT

GLAZED SECTION - 11

GA REINFORCEMENT

BRACKET ATTACHED

WITH (4) 1/4-14x7/8" SELF DRILLING

CRIMPTITE SCREWS (2

BRACKET AND U-BAR)

THROUGH BOTH

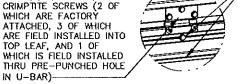
2 SHEET 1

-PLACE U-BAR OVER INTEGRAL RIB WITH THE (8) PRE-PUNCHED HOLES EACH END FACING UPWARD AND ATTACH THRU END CAP AT EACH END WITH (2) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS
EXCEPTION: U-BAR PLACED OVER TOP
RIB ON THE BOTTOM SECTION SHALL ONLY BE ATTACHED THRU END CAP AT EACH

END WITH (1) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREW LOCATED ON THE BOTTOM FLANGE OF THE U-BAR NOTE: DUE TO CLEARANCES REQUIRED TO INSTALL SCREWS AT THE ENDS OF THE U-BARS, ALL U-BARS SHALL BE

INSTALLED ON SECTIONS PRIOR TO INSTALLING ROLLER SLIDES AND TOP FIXTURE ON THE U-BARS. SEE ATTACHMENT NOTES ON THIS SHEET.

PLACE U-BAR OVER INTEGRAL RIB AND ATTACH WITH (2) 1/4-20x5/8" CRIMPTITE SCREWS THRU PRE-PUNCHED HOLES AT EACH INTERMEDIATE HINGE LOCATION (1 THRU FLANGE OF U-BAR AND BOTTOM HINGE LEAF AND 1 THRU WEB OF U-BAR AND INTEGRAL RIB OF SECTION)



DETAIL B

DETAIL C

12 GA BOTTOM BRACKET FACTORY ATTACHED WITH (3) 1/4-14x5/8" CRIMPTITE SCREWS-

FOR IMPACT RESISTANCE, BOTTOM BRACKET MUST BE SCREWED TO THE BOTTOM U-BAR WITH (2) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS.

SEE IMPACT BOTTOM BRACKET

DETAIL THIS SHEET.

DETAIL D

BRACKET AND ATTACH THRU END CAP AT EACH END WITH (1) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREW AS SHOWN AND USE (1) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREW ACROSS THE BOTTOM OF THE BOTTOM U-BAR AT EACH PRE-PUNCHED HOLE AT EVERY HINGE LOCATION. USE (1) 1/4-20x5/8" CRIMPTITE SCREW AT ALL OTHER

NON-STRUCTURAL

DECORATIVE INNER

MNDOW TRIM

-PLACE U-BAR OVER INTEGRAL RIB WITH NOTCH DOWN TO CLEAR BOTTOM PRE-PUNCHED HOLE LOCATIONS.

NON-STRUCTURAL DECORATIVE

4" POLYCARBONATE

Wayne Dalton.

DIVISION OF OVERHEAD DOOR COR 3395 ADDISON DRIVE PENSACOLA, FLORIDA 32514 (850) 474--9890

ATTACH BOTTOM BRACKET TO BOTTOM U-BAR WITH (2) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS

IMPACT BOTTOM BRACKET

(5) SECTION DOORS WITH (6) 3", 20 GA, 80 KSI U-BARS LOCATED OVER INTEGRAL RIBS AS SHOWN -

> P6 ADDED IMPACT RESISTANT GLAZING. ADDED TEXAS LICENSE NUMBER TO TITLE BLOCK CHANGED LOUVER NOTE. INCREASED MAX HEIGHT TO 8'-9". ADDED HIGH LIFT AND ROOF PITCH TRACK NOTE. GRT 7/22/08 P7 UPDATED TITLE BLOCK

REVISIONS

P3 CHANGES TO GENERAL FORMAT AND CHANGED

U-BAR FASTENER TYPE

CHANGED CENTER HINGE

IDENTIFICATION METHOD

FROM COLORED PAINT TO

AT END CAPS AND

BOTTOM RETAINER.

GAUGE AND ADDED LOUVER OPTION.

STAMPED NUMBER.

P4 ADDED IMPACT RESISTANCE TO DOOR.

ADDED JB JAMB BRACKET

AT 2" LOCATION. ADDED

NOTE 8 TO STATE THAT

P5 MODIFED JAMB BRACKET SCHEDULE FOR

FAT OPTION. ADDED LHR

TRACK DETAIL SHEET 2.

LOUVERS ARE NOT IMPACT

MODEL 6100.MODIFIED

GRT 3/07/06

RESISTANT.

GRT 6/6/07

GRT 4/17/08

CHANGED STRUT

GRT 8/26/10

ADDED 9605, AND BACKER NOTES ESC 5/23/17

U-BAR ATTACHMENT NOTES

1. ALL U-BARS SHALL BE PLACED OVER INTEGRAL RIBS AND ATTACHED THRU PRE-PUNCHED HOLES WITH (2) 1/4-14x5/8" CRIMPTITE SCREWS AT EACH INTERMEDIATE HINGE LOCATION, (2) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS AT EACH END CAP (EXCEPT BOTH U-BARS ON BOTTOM SECTION - SEE DETAIL B AND D THIS SHEET), (2) 1/4-14x5/8" CRIMPTITE SCREWS APPROXIMATELY MIDWAY BETWEEN END OF DOOR AND INTERMEDIATE HINGE LOCATION, AND (1) 1/4-14x5/8" CRIMPTITE SCREW APPROXIMATELY 8" FROM EACH END. THERE SHALL BE A TOTAL OF (12) SCREWS ATTACHING EACH U-BAR EXCEPT BOTH U-BARS ON BOTTOM SECTION SHALL HAVE A TOTAL OF (10) SCREWS EACH.

2. WITH THE EXCEPTION OF THE (8) PRE-PUNCHED HOLES IN THE TOP OF EACH END USED FOR ATTACHMENT OF THE ROLLER SLIDES AND THE (6) PRE-PUNCHED HOLES IN THE BOTTOM OF EACH END USED FOR THE ATTACHMENT OF THE TOP FIXTURE AND UNLESS NOTED OTHERWISE ON THIS SPECIFICATION DRAWING, ALL PRE-PUNCHED HOLES IN ALL U-BARS SHALL BE ATTACHED TO THE DOOR WITH 1/4-14x5/8" CRIMPTITE SCREWS.

3. 20 GA U-BARS SHALL BE STAMPED "34" APPROXIMATELY 8" FROM EACH END.

WANE J KOP STATE OF STORIOS ON AL ENGLISH SONAL EN

DWAYNE J. KORNISH, PE 4576 COUNTY ROAD 160 MOUNT HOPE, OHIO FL PE 77945 TX PE 11786B

PROFESSIONAL ENGINEER'S SEAL PROVIDED ONLY FOR VERIFICATION OF WINDLOAD CONSTRUCTION DETAILS.

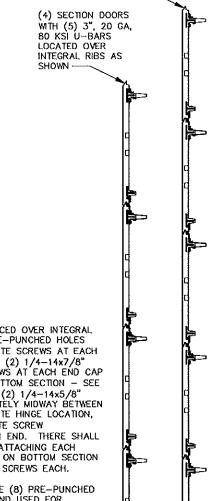
GARAGE DOORS

DETAIL F

STATIC PRESSURE RATINGS APPROVED SIZES SCALE: N.T.S. SIZE: DESIGN (PSF): MAX WIDTH: DATE NAME +26.90/-30.80 9'-0" 3/7/06 TEST (PSF): +40.35/-46.20 MAX HEIGHT: 8'-9" DRAWN GRT IMPACT/CYCLIC RATED (YES/NO): YES MAX SECTION HEIGHT: 21" CHECKED 4/6/06 MRB

MODELS 5120/9100/9605 WINDLOAD SPECIFICATION OPTION CODE 0228

SHEET 2 OF REV. DRAWING PART NO. 318958 Р8



#8x3/4" MIN STAINLESS SCREWS WITH STAINLESS BACKED RUBBER WASHERS 3-1/2" O.C. MAX -OUTER WINDOW TRIM 1/8" BEAD GE ULTRAGLAZE SSG4000AC STRUCTURAL SEALANT OR EQUIVALENT FACER STEEL 6/15/2017

DETAIL E