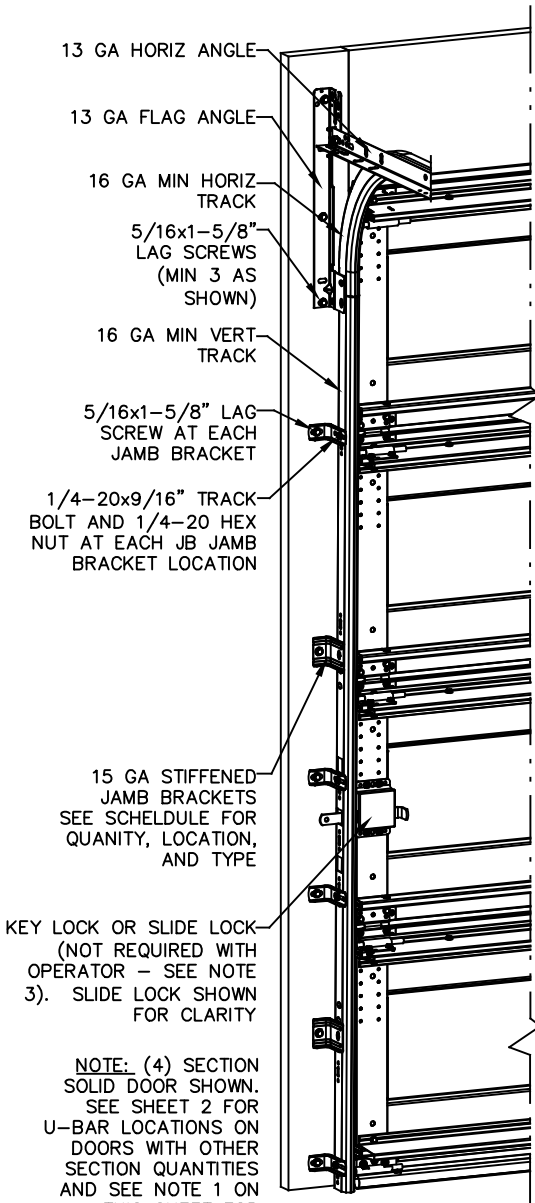
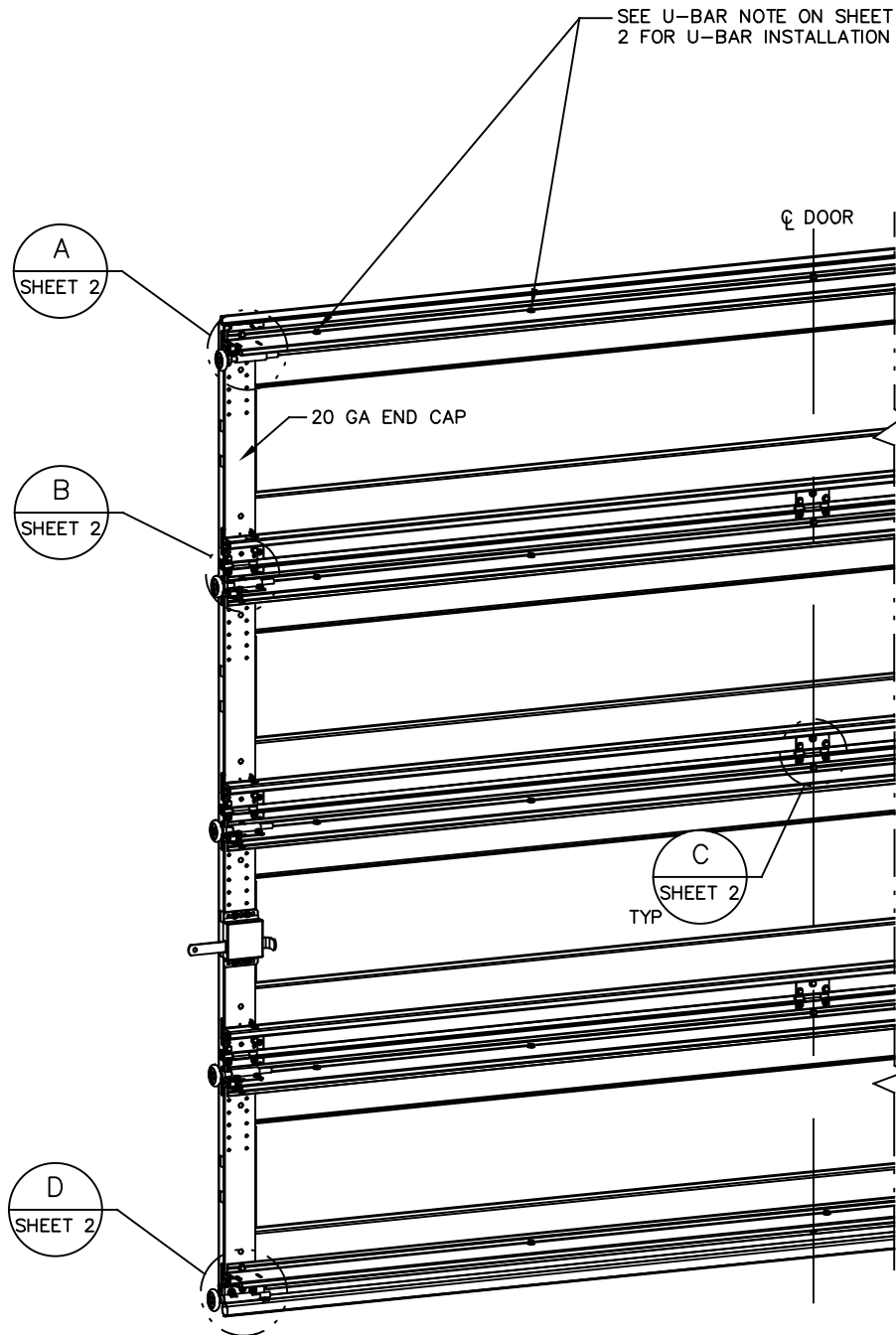


NOTES:

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" 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), 20 GA J-STRT 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-STRT TO THE INTEGRAL RIB AND OPERATOR STILE AT THE CENTERLINE OF THE DOOR PER DETAIL F ON SHEET 2.
2. 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.
3. KEY LOCK, SLIDE LOCK, OR OPERATOR REQUIRED.
4. SECTION SHALL BE CONSTRUCTED WITH FOAMED IN PLACE POLYURETHANE FOAM INSULATION CHEMICALLY BONDED TO 30 GA MINIMUM FACER STEEL AND A POLYLAMINATE OR 32 GA STEEL BACKER. END CAP TO HAVE A MINIMUM 1.4" DEPTH.
5. 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.
6. DOOR JAMB TO BE MINIMUM 2x6 STRUCTURAL GRADE LUMBER. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.
7. 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. LOUVERED SECTION REQUIRES OPERATOR STILE TO BE FACTORY INSTALLED AT THE CENTERLINE OF THE DOOR.



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

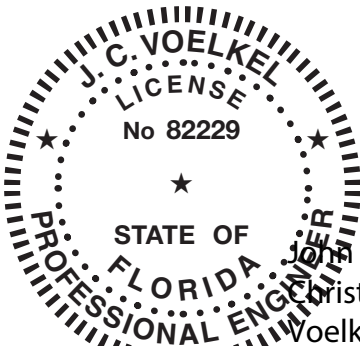


- REVISIONS
- P1 ADDED IMPACT RESISTANCE TO DOOR. ADDED MODEL 6100. MODIFIED NOTE 6 TO STATE THAT LOUVERS ARE NOT IMPACT RESISTANT. GRT 6/6/07
- P2 INCREASED MAX DOOR HEIGHT TO 10'. MODIFIED JAMB BRACKET SCHEDULE FOR FAT OPTION. ADDED LHR TRACK DETAIL SHEET 2. GRT 4/17/08
- P3 ADDED IMPACT RESISTANT GLAZING. ADDED TEXAS LICENSE NUMBER TO TITLE BLOCK. CHANGED LOUVER NOTE. ADDED HIGH LIFT AND ROOF PITCH TRACK NOTE. GRT 4/29/09
- P4 UPDATED TITLE BLOCK GRT 5/4/10
- P5 ER31223 CHANGED DOOR MODEL NUMBERS, AND BACKER NOTES ESC 6/7/2017 ESC 5/23/17
- E UPDATED REVISION FROM NUMERIC TO ALHPA TLC 092920

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE		
MAX DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
8'-0"	ALL	+164.0/-185.2
9'-0"	ALL	+184.5/-208.4

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")
7'-0"	4	6	QI	2" (JB), 13" (QI), 25-1/2" (JB), 34" (JB), 45-1/4" (QI), 63" (JB)
7'-0"	4	6	FAT	2" (JB), 10" (JB), 21-3/4" (JB), 29-3/4" (JB), 42" (JB), 63-1/4" (JB)
8'-0"	4 OR 5	8	QI	2" (JB), 13" (QI), 23" (JB), 34" (JB), 47-1/4" (QI), 58" (JB), 67" (QI), 75" (JB)
8'-0"	4 OR 5	8	FAT	2" (JB), 10" (JB), 21-3/4" (JB), 29-3/4" (JB), 48" (JB), 57-1/4" (JB), 66" (JB), 75-1/2" (JB)
> 8'-0"/HIGH LIFT/ROOF PITCH			SEE NOTE BELOW	

NOTE:
(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.



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Digitally signed
by John Christian
Voelkel
Date: 2020.10.09
19:12:46 -05'00'

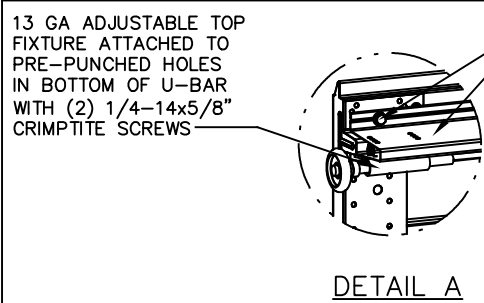
Wayne Dalton

GARAGE DOORS

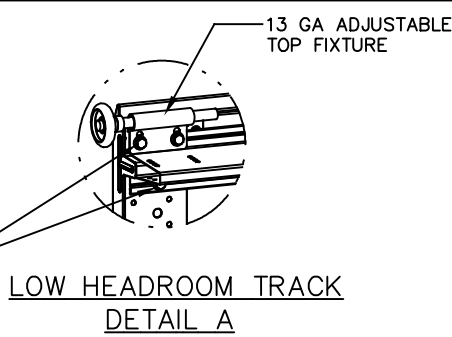
A DIVISION OF OVERHEAD DOOR CORP

3395 ADDISON DRIVE
PENSACOLA, FLORIDA 32514
(850) 474-9890

STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A			
DESIGN (PSF):	+41.00/-46.30	MAX WIDTH:	9'-0"		DATE	NAME			
TEST (PSF):	+61.50/-69.45	MAX HEIGHT:	10'-0"	DRAWN	3/3/06	GRT			
IMPACT/CYCLIC RATED (YES/NO): YES		MAX SECTION HEIGHT: 24"	CHECKED	4/6/06	MRB				
MODELS 5120/5145/9100/9405/9600				SHEET 1 OF 2					
WINDLOAD SPECIFICATION OPTION CODE 0601				DRAWING PART NO. 319027		REV. E			



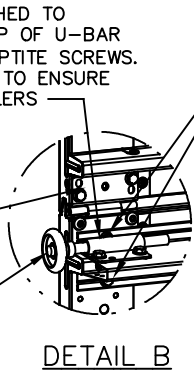
PLACE U-BAR OVER INTEGRAL RIB
WITH THE (8) PRE-PUNCHED
HOLES EACH END FACING UPWARD
AND ATTACH THRU END CAP AT
EACH END WITH (2) 1/4-14x7/8"
SELF DRILLING CRIMPTITE SCREWS
FOR STANDARD TRACK AND (3)
1/4-14x7/8" SELF DRILLING
CRIMPTITE SCREWS FOR LOW
HEADROOM TRACK (2 OF WHICH
ARE USED TO ATTACHED THE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



13 GA ROLLER SLIDE ATTACHED TO
PRE-PUNCHED HOLES IN TOP OF U-BAR
WITH (2) 1/4-14x5/8" CRIMPTITE SCREWS.
USE VIEWING HOLE IN SLIDE TO ENSURE
PROPER ALIGNMENT OF ROLLERS

15 GA HINGE ATTACHED
WITH (4) 1/4-14x5/8"
CRIMPTITE SCREWS (2 OF
WHICH ARE FACTORY
ATTACHED)

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



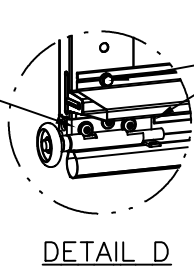
PLACE U-BAR OVER INTEGRAL RIB WITH
THE (8) PRE-PUNCHED HOLES EACH END
FACING UPWARD AND ATTACH THRU END
CAP AT EACH END WITH (2) 1/4-14x7/8"
SELF DRILLING CRIMPTITE SCREWS
EXCEPTION: U-BAR PLACED OVER TOP
RIB ON THE BOTTOM SECTION SHALL ONLY
BE ATTACHED THRU END CAP AT EACH
END WITH (1) 1/4-14x7/8" SELF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

18 GA HINGE ATTACHED
WITH (6) 1/4-20x5/8"
CRIMPTITE SCREWS (2 OF
WHICH ARE FACTORY
ATTACHED, 3 OF WHICH
ARE FIELD INSTALLED INTO
TOP LEAF, AND 1 OF
WHICH IS FIELD INSTALLED
THRU PRE-PUNCHED HOLE
IN U-BAR)



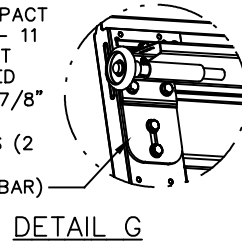
PLACE U-BAR OVER
INTEGRAL RIB AND ATTACH
WITH (2) 1/4-20x5/8"
CRIMPTITE SCREWS THRU
PRE-PUNCHED HOLES AT
EACH INTERMEDIATE HINGE
LOCATION (1 THRU FLANGE
OF U-BAR AND BOTTOM
HINGE LEAF AND 1 THRU
WEB OF U-BAR AND
INTEGRAL RIB OF SECTION)

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

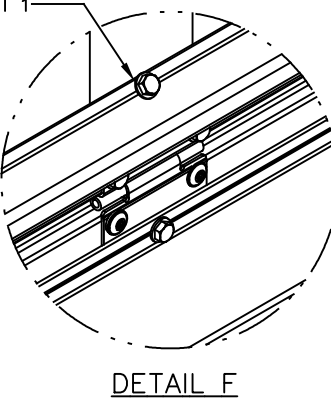


PLACE U-BAR OVER INTEGRAL RIB WITH
NOTCH DOWN TO CLEAR BOTTOM
BRACKET AND ATTACH THRU END CAP
AT EACH END WITH (1) 1/4-14x7/8"
SELF DRILLING CRIMPTITE SCREW AS
SHOWN AND USE (1) 1/4-14x7/8" SELF
DRILLING CRIMPTITE SCREW ACROSS THE
BOTTOM OF THE BOTTOM U-BAR AT
EACH PRE-PUNCHED HOLE AT EVERY
HINGE LOCATION.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

USED ONLY ON IMPACT
GLAZED SECTION - 11
GA REINFORCEMENT
BRACKET ATTACHED
WITH (4) 1/4-14x7/8"
SELF DRILLING
CRIMPTITE SCREWS (2
THROUGH BOTH
BRACKET AND U-BAR)



(1) 1/4-14x7/8" SELF DRILLING CRIMPTITE
SCREW AT CENTER LINE OF DOOR THRU
J-STRUT & OPERATOR BRACKET.
NOTE: J-STRUT, OPERATOR STILE, & SCREW
ONLY REQUIRED ON IMPACT GLAZED SECTIONS.
SEE NOTE 1 SHEET 1



U-BAR ATTACHMENT NOTES

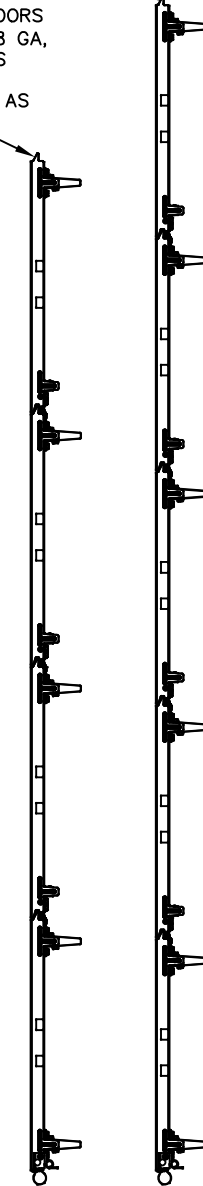
1. ALL U-BARS SHALL BE PLACED OVER INTEGRAL
RIBS AND ATTACHED THRU PRE-PUNCHED HOLES
WITH (2) 1/4-14x5/8" CRIMPTITE SCREWS AT EACH
INTERMEDIATE HINGE LOCATION, (2) 1/4-14x7/8"
SELF DRILLING CRIMPTITE SCREWS AT EACH END CAP
(EXCEPT BOTH U-BARS ON BOTTOM SECTION - SEE
DETAIL B AND D THIS SHEET), (2) 1/4-14x5/8"
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. 18 GA U-BARS SHALL BE STAMPED "46"
APPROXIMATELY 8" FROM EACH END.

(5) SECTION DOORS
WITH (6) 3", 18 GA,
80 KSI U-BARS
LOCATED OVER
INTEGRAL RIBS AS
SHOWN

(4) SECTION DOORS
WITH (5) 3", 18 GA,
80 KSI U-BARS
LOCATED OVER
INTEGRAL RIBS AS
SHOWN

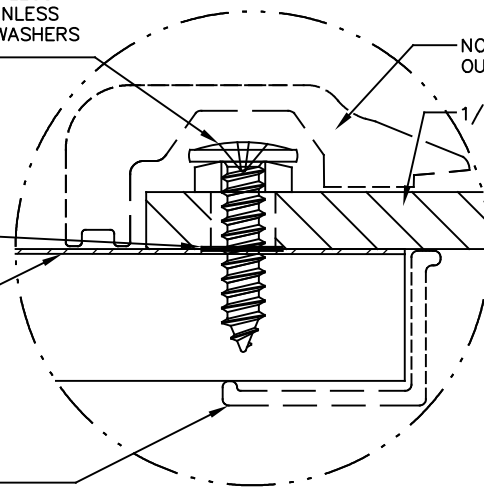


#8x3/4" MIN STAINLESS
SCREWS WITH STAINLESS
BACKED RUBBER WASHERS
3-1/2" O.C. MAX

1/8" BEAD GE
ULTRAGLAZE
SSG4000AC
STRUCTURAL
SEALANT OR
EQUIVALENT

FACER STEEL

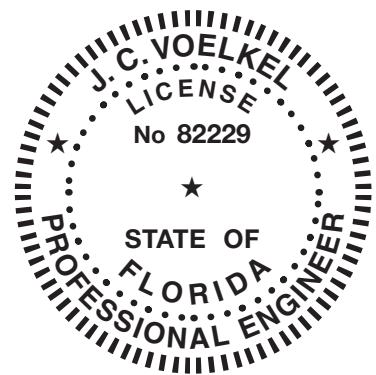
NON-STRUCTURAL
DECORATIVE INNER
WINDOW TRIM



NON-STRUCTURAL DECORATIVE
OUTER WINDOW TRIM

1/4" POLYCARBONATE

DETAIL E



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DESIGN (PSF):	+41.00/-46.30	MAX WIDTH:	9'-0"		DATE		NAME
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IMPACT/CYCLIC RATED (YES/NO): YES		MAX SECTION HEIGHT: 24"	CHECKED	4/6/06			MRB
MODELS 5120/5145/9100/9405/9600					SHEET 2 OF 2		
WINDLOAD SPECIFICATION OPTION CODE 0601					DRAWING PART NO.		REV.
					319027		E