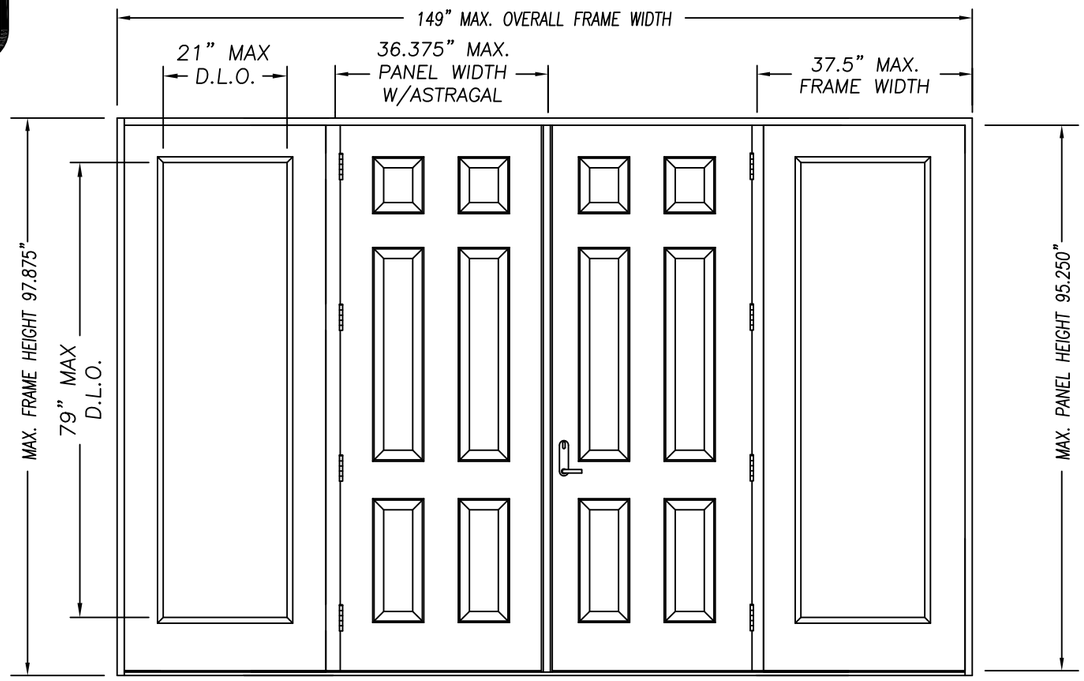
FIBERGLASS DOOR UNIT WITH MULTIPOINT LOCKING
8'-0" DOUBLE DOOR WITH / WITHOUT SIDELITES



DOUBLE DOOR UNIT W/SIDELITES

GENERAL NOTES

1. EVALUATED FOR USE IN LOCATIONS ADHERING TO THE FLORIDA BUILDING CODE AND WHERE PRESSURE REQUIREMENTS AS DETERMINED BY ASCE 7, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, DOES NOT EXCEED THE DESIGN PRESSURES LISTED.
2. THIS PRODUCT DOES NOT REQUIRE THE USE OF A HURRICANE PROTECTIVE SYSTEM (SHUTTERS).
3. POLYURETHANE CORE FLAME SPREAD INDEX OF 50 AND SMOKE DEVELOPED INDEX OF 60 PER ASTM E84.
4. PLASTICS TESTING:

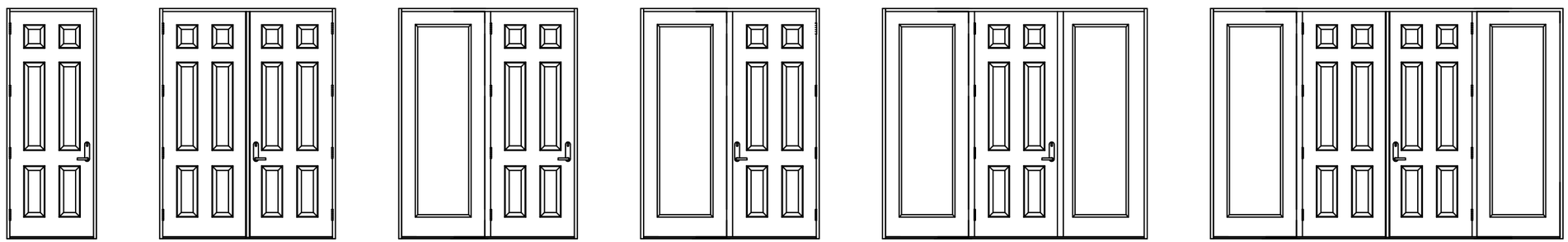
TEST DESCRIPTION	DESIGNATION	FACING	LITE FRAME
SELF IGNITION TEMP	ASTM D1929	752 °F > 650 °F	842 °F > 650 °F
RATE OF BURNING	ASTM D635	0.56 IN/MIN	1.28 IN/MIN
SMOKE DENSITY	ASTM D2843	53.4%	70.2%
TENSILE STRENGTH*	ASTM D638	3.2% DIFF	1.8% DIFF

5. PLASTICS TESTING OF WORLDWIDE COMPOSITE FRAME (WHERE USED):

TEST DESCRIPTION	DESIGNATION	RESULT
SELF IGNITION TEMP	ASTM D1929	779 °F > 650 °F
RATE OF BURNING	ASTM D635	0.0 IN/MIN
SMOKE DENSITY	ASTM D2843	39.0%
TENSILE STRENGTH*	ASTM D638	3.6% DIFF

* COMPARATIVE TENSILE STRENGTH AFTER WEATHERING 4500 HOURS XENON ARC METHOD 1

6. MAXIMUM GLASS SIZES COMPLY WITH ASTM E1300 FOR THE DESIGN PRESSURES LISTED.



SINGLE DOOR UNIT | DOUBLE DOOR UNIT | SINGLE DOOR UNIT WITH SIDELITE | SINGLE DOOR UNIT WITH SIDELITE | SINGLE DOOR UNIT W/SIDELITES | DOUBLE DOOR UNIT W/SIDELITES

		DESIGN PRESSURE RATING (1:1 OVERHANG OR WHERE NO WATER REQUIRED)		WHERE WATER INFILTRATION PERFORMANCE IS REQUIRED TO BE 15% OF DESIGN PRESSURE			
CONFIG	MAX WIDTH	INSWING	OUTSWING	BUMPER O/S	Z-SERIES O/S	T4 O/S	HIGH DAM O/S
X	37.5"	+40.0 / -45.0	+45.0 / -45.0	+25.0 / -25.0	+40.0 / -40.0	+45.0 / -45.0	+45.0 / -45.0
XX	74"	+40.0 / -45.0	+45.0 / -45.0	+25.0 / -25.0	+40.0 / -40.0	+45.0 / -45.0	+45.0 / -45.0
OX or XO	75"	+40.0 / -45.0	+45.0 / -45.0	+25.0 / -25.0	+40.0 / -40.0	+45.0 / -45.0	+45.0 / -45.0
OXO	112.5"	+40.0 / -45.0	+45.0 / -45.0	+25.0 / -25.0	+40.0 / -40.0	+45.0 / -45.0	+45.0 / -45.0
OXXO	149"	+40.0 / -45.0	+45.0 / -45.0	+25.0 / -25.0	+40.0 / -40.0	+45.0 / -45.0	+45.0 / -45.0

TABLE OF CONTENTS

SHEET #	DESCRIPTION
1	TYPICAL ELEVATIONS & GENERAL NOTES
2	ANCHORING LOCATIONS & DETAILS
3	ANCHORING LOCATIONS & DETAILS
4	ANCHORING LOCATIONS & DETAILS

Lucas Turner 2026.02.19 18:31:18 -06'00'

LUCAS A. TURNER LICENSE No. 58201 STATE OF FLORIDA PROFESSIONAL ENGINEER

2/19/2026

Lucas A. Turner, FL PE #58201
2428 Old Natchez Trc Trl
Camden, TN 38320 | Ph. 941-380-1574

PELLA CORPORATION
102 MAIN STREET
PELLA, IA 50219

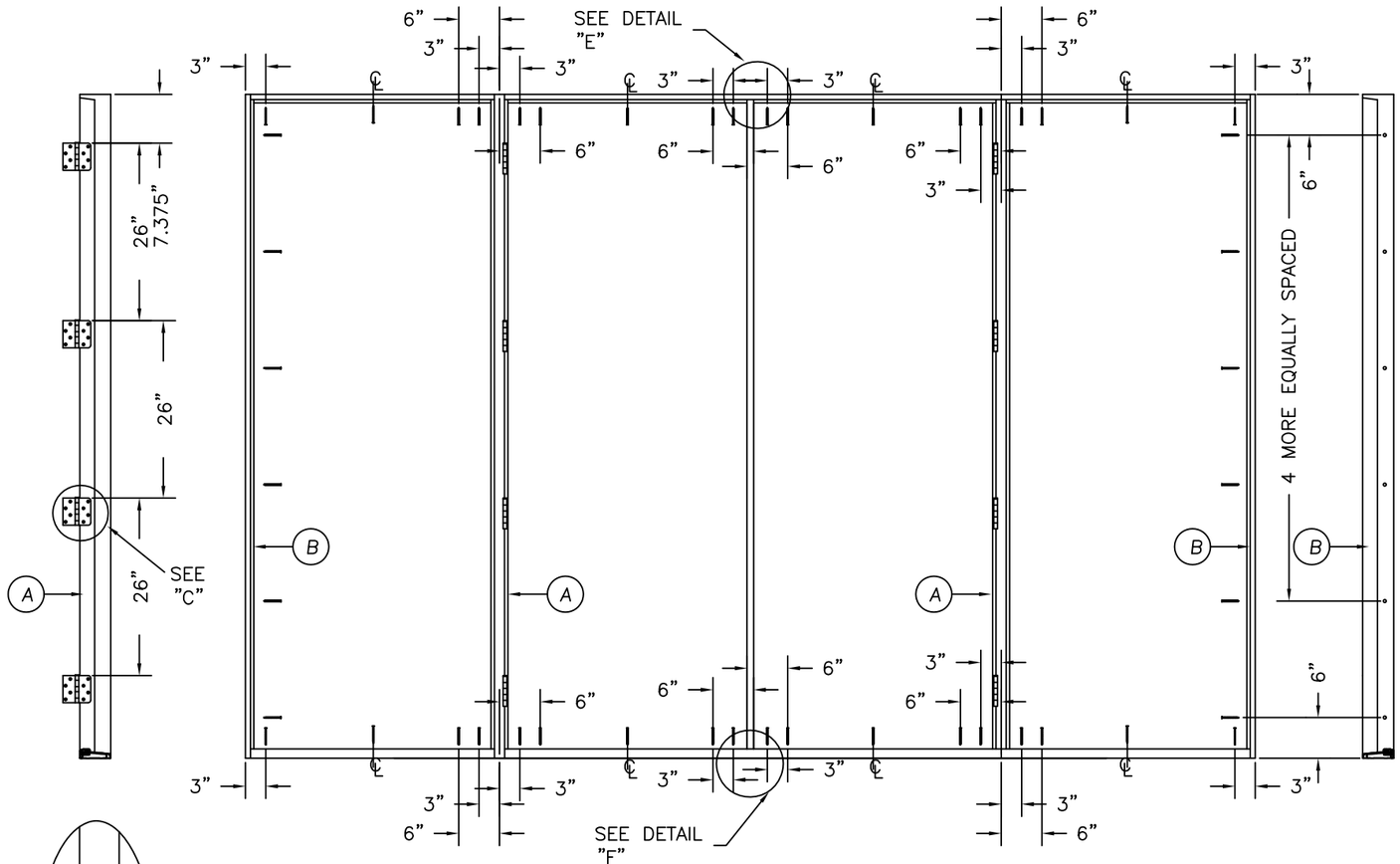
PRODUCT: "EXTERIOR DOOR PRODUCT" DOUBLE 8'0" OPAQUE FIBERGLASS DOOR

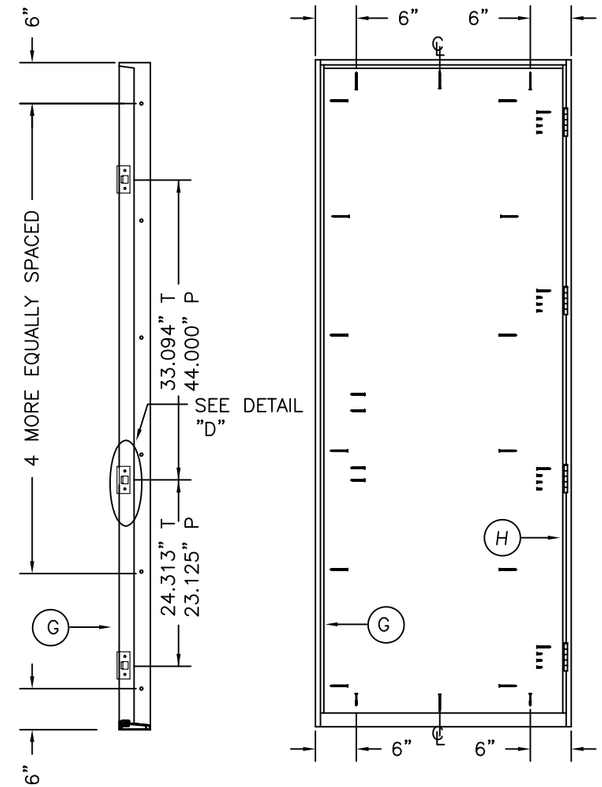
PART OR ASSEMBLY: TYPICAL ELEVATIONS & GENERAL NOTES

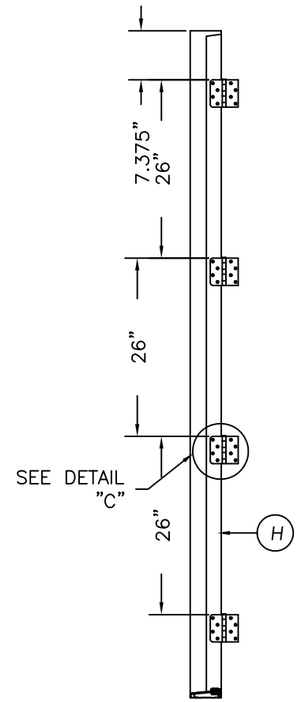
REVISIONS

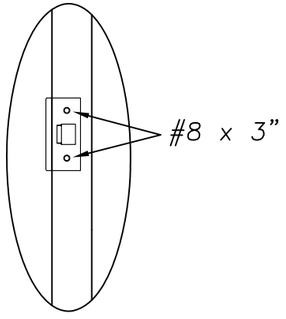
NO.	DATE	BY

DATE: 12/18/25
SCALE: N.T.S.
DWG. BY: SWS
CHK. BY:
DRAWING NO.: DWG-PL-FL0266-25
SHEET 1 OF 4

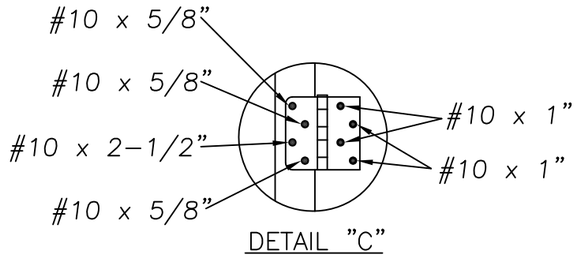








DETAIL "D"



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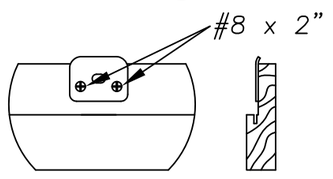
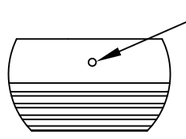


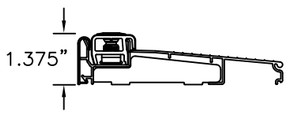
DETAIL "E" ASTRAGAL

ATTACH ASTRAGAL RETAINER BOLT STRIKE PLATE TO FRAME AS SHOWN.

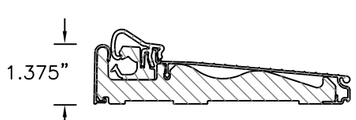


ASTRAGAL RETAINER BOLT HOLE MUST BE DRILLED THROUGH THE THRESHOLD & INTO THE STRUCTURE DEEP ENOUGH FOR A 1.375" THROW

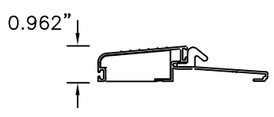
DETAIL "F" ASTRAGAL



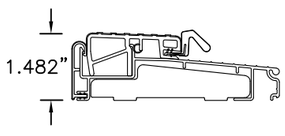
INSWING THRESHOLD



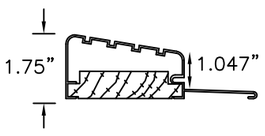
ZAC I/S THRESHOLD



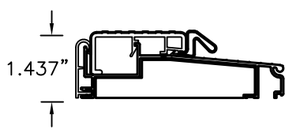
BUMPER O/S THRESHOLD



Z-SERIES O/S THRESHOLD



HIGH DAM O/S THRESHOLD



T4 O/S THRESHOLD

PELLA CORPORATION
102 MAIN STREET
PELLA, IA 50219

PRODUCT: "EXTERIOR DOOR PRODUCT" 8'0 FIBERGLASS OPAQUE DOUBLE DOOR UNIT

PART OR ASSEMBLY: ANCHORING LOCATIONS & DETAILS

NO.	DATE	BY

REVISIONS

LUCAS A. TURNER LICENSE No. 58201 STATE OF FLORIDA PROFESSIONAL ENGINEER

2/19/2026
Lucas A. Turner, FL PE #58201
2428 Old Natchez Trc Trl
Camden, TN 38320 | Ph. 941-380-1574

DATE: 12/18/25
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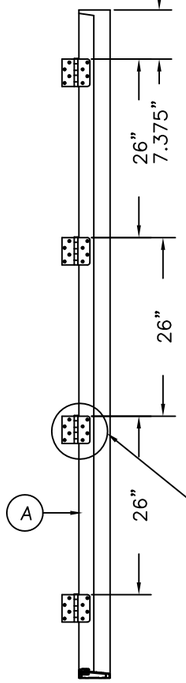
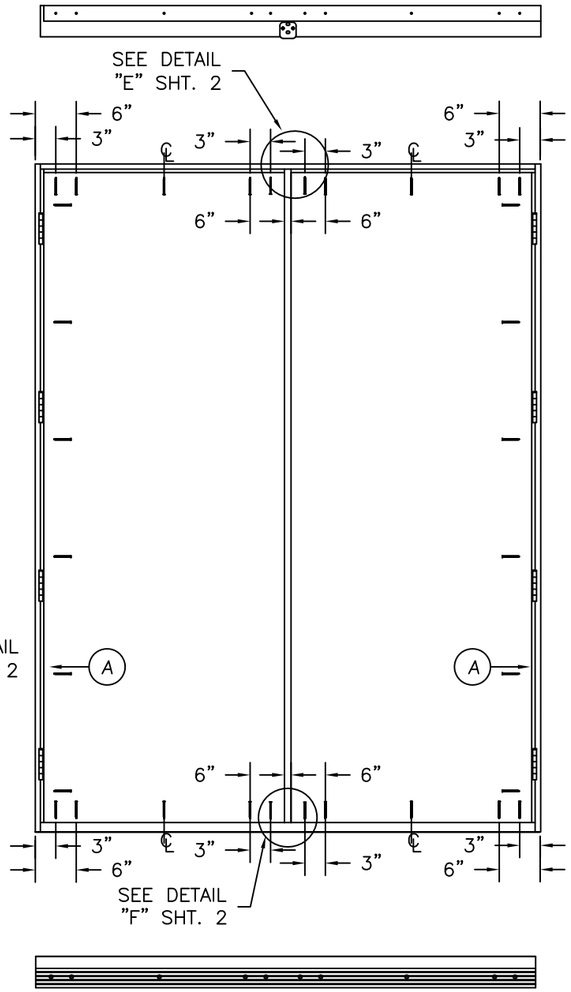
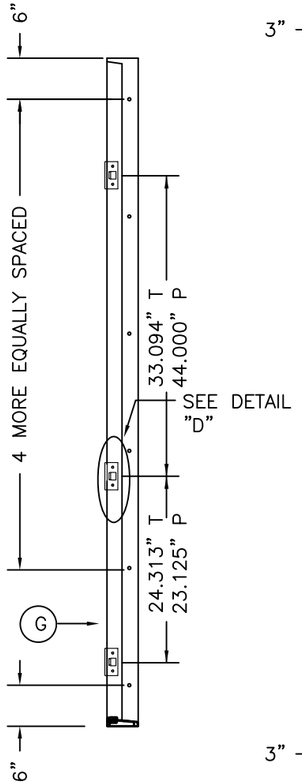
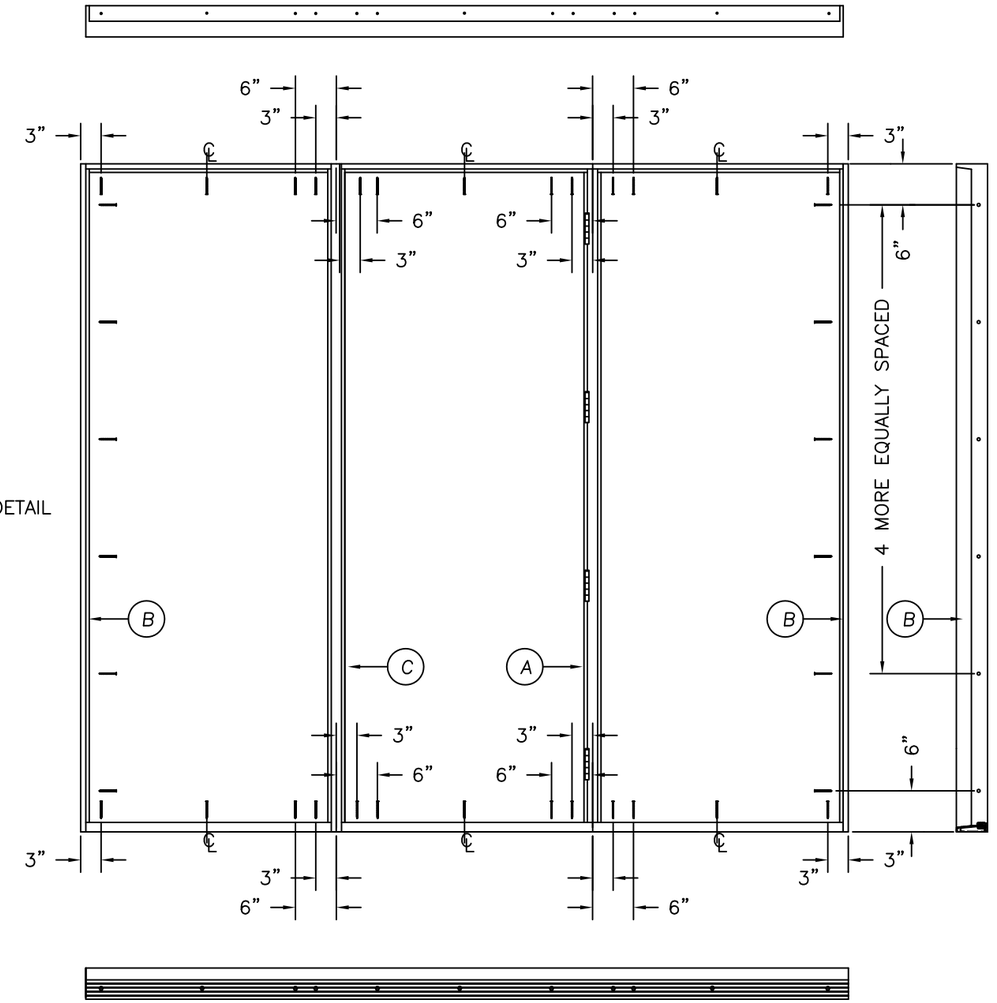
DWG. BY: SWS
CHK. BY:
DRAWING NO.: DWG-PL-FL0266-25
SHEET 2 OF 4









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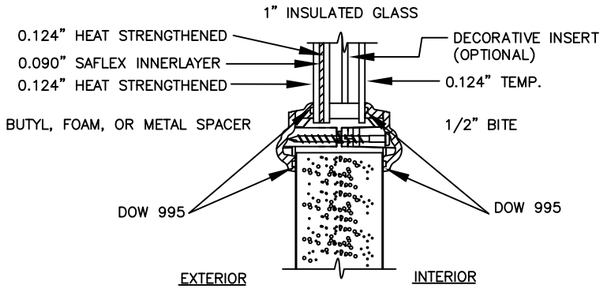
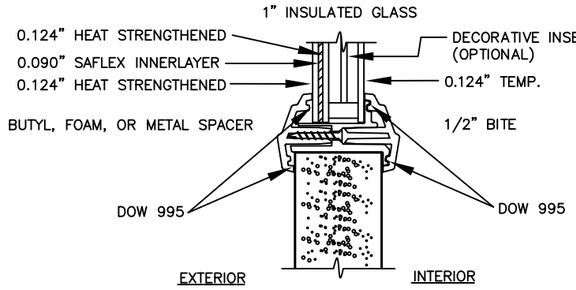
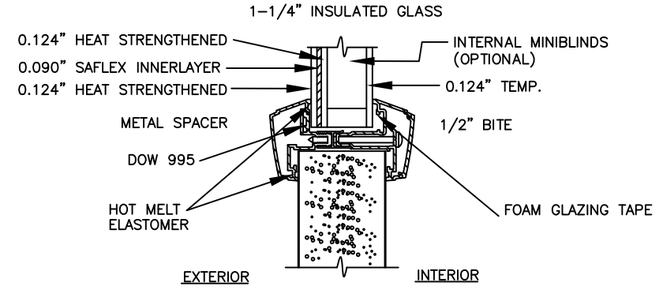


TYPICAL GLAZING DETAIL
IMPACT RATED GLASS



ALTERNATE GLAZING DETAIL
IMPACT RATED GLASS



ALTERNATE GLAZING DETAIL
IMPACT RATED GLASS

ATTACHMENT DETAIL

1. JAMB, HEAD, AND THRESHOLD ANCHOR OPTIONS INCLUDE:

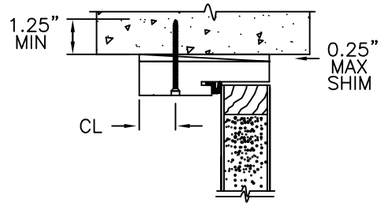
   #10 WOOD SCREWS WITH 3/4" MIN. EDGE DISTANCE AND MIN. EMBEDMENT OF 1-1/2" INTO SPRUCE-PINE-FIR (G=0.42) MIN. SUBSTRATE.

   #10-16 TEKS SCREWS WITH MIN. EDGE DISTANCE OF 1/2" FOR ATTACHMENT TO 18 GAUGE (0.048") MIN. 33 KSI MIN. YIELD STEEL OR 1/8" MIN. 6063-T5 MIN. ALUMINUM. SCREWS MUST ACHIEVE FULL ENGAGEMENT TO METAL WALL WITH MIN. 3 THREADS BEYOND THE METAL WALL THICKNESS.

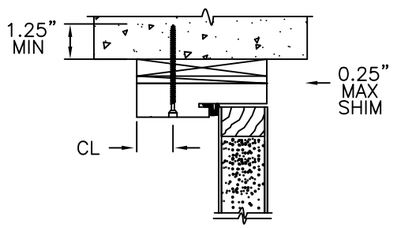
   1/4" DEWALT ULTRACON+ WITH 2-1/2" MIN. EDGE DISTANCE AND MIN. EMBEDMENT OF 1-1/4" TO SOLID CONCRETE (3050 PSI MIN.) OR CONCRETE BLOCK (ASTM C-90) UNCRACKED SUBSTRATES. ENSURE 3" MIN. ON-CENTER DISTANCE BETWEEN ANY TWO ULTRACONS.

2. A PHYSICAL SHIM MUST BE PLACED IN SHIM SPACE AT EACH ANCHOR LOCATION WHERE A GAP OF 1/16" OR GREATER EXISTS.

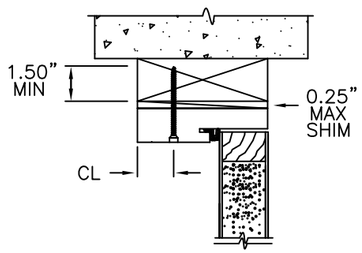
3. IF USED, WOOD BUCKS BY OTHERS MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO STRUCTURE.



TYPICAL MASONRY
ANCHOR INSTALLATION



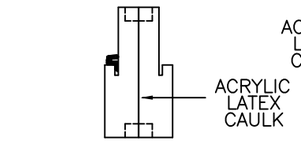
1X BUCK MASONRY
ANCHOR INSTALLATION



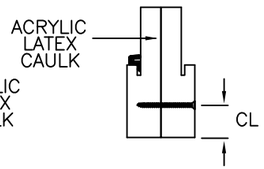
TYPICAL WOOD BUCK
ANCHOR INSTALLATION

HARDWARE SCHEDULE

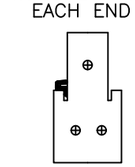
1.	ENDURA PANOLOCK OR TRILENNIUM MULTIPOINT LOCKING HARDWARE FACTORY INSTALLED.
2.	4" X 4" FULL MORTISE BUTT HINGES.



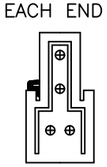
COMBINATION WOOD
MULLION (BOXED)



COMBINATION WOOD
MULLION (BOXED)



INTEGRAL WOOD
MULLION (CHS)



INTEGRAL WW
MULLION (CHS)

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SHEET 4 OF 4