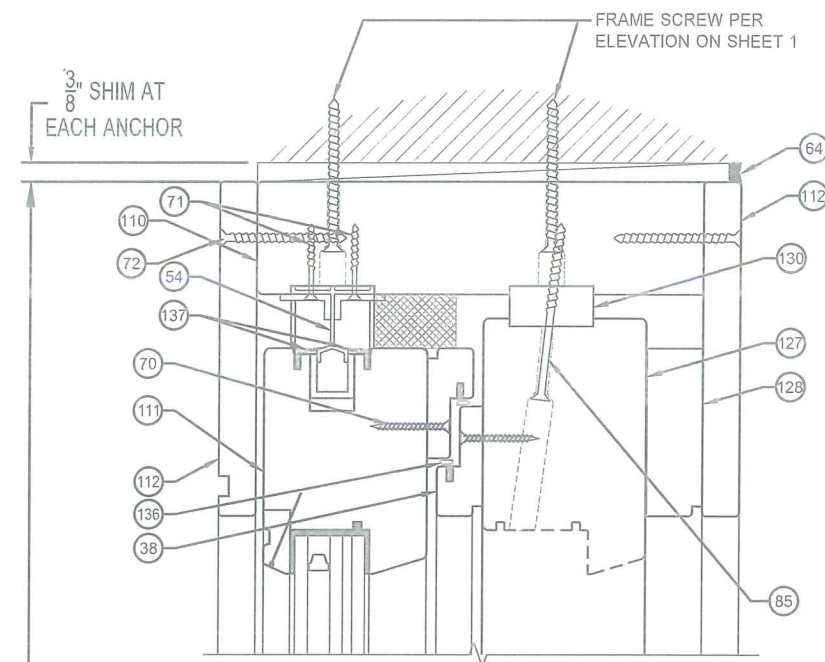
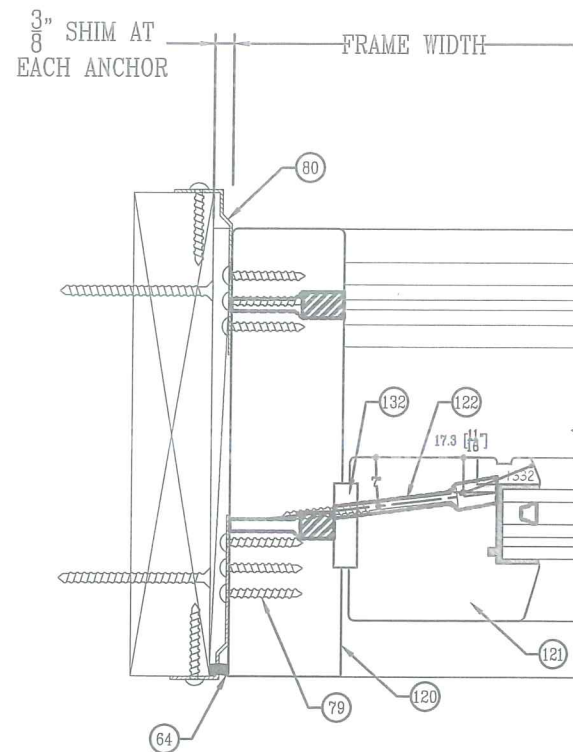
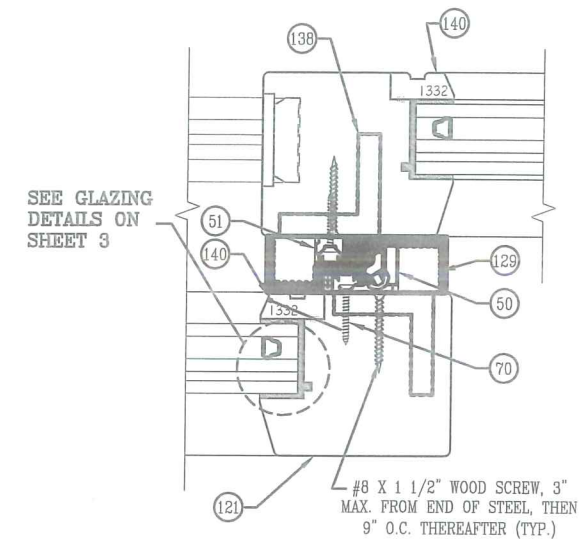




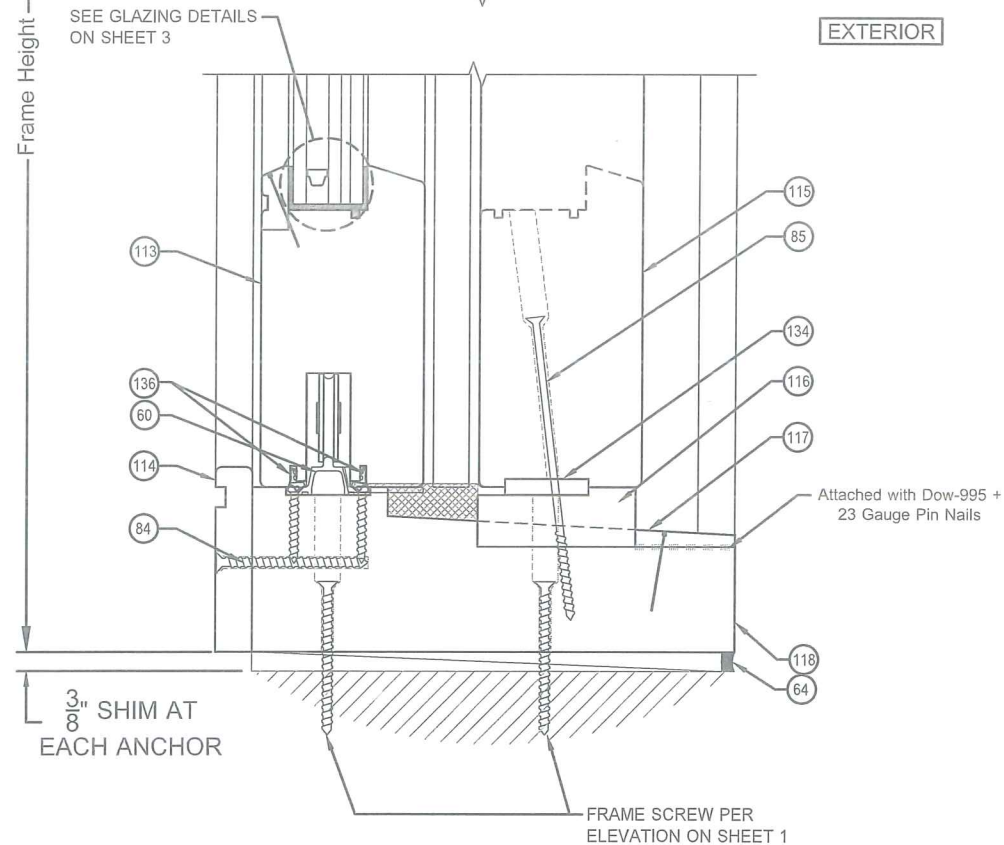
EXTERIOR
SECTION O



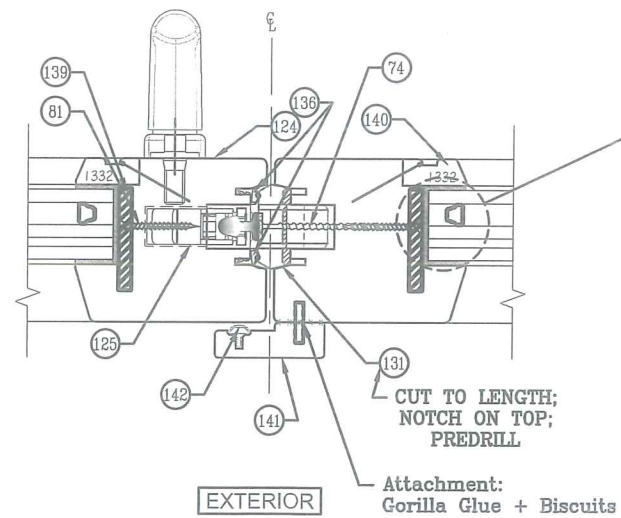
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SECTION P



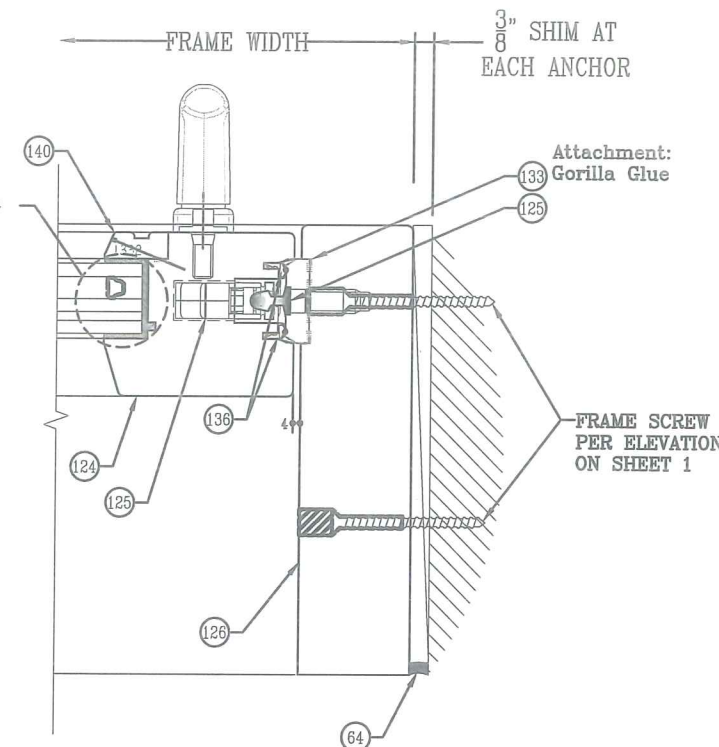
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SECTION Q



SECTION R



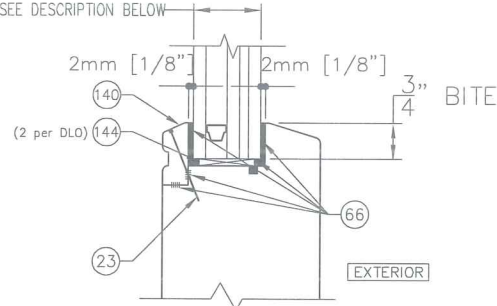
EXTERIOR
SECTION S



EXTERIOR
SECTION T

DATE: 12/12/2017	
REVISION DESCRIPTION	NO.
WOOD EUROPEAN SERIES GLAZED LIFT AND SLIDE DOORS (TEAK) LUXBAUM, LLC WINDOWS + DOORS 1501 NORTHPOINT PARKWAY, SUITE 101 WEST PALM BEACH, FL 33407 Ph: (561) 684-1500 www.luxbaum.com	
SCOTT WOLTERS FL PE# 82354 WOLTERS ENGINEERING (CO.# 27194) 15211 97TH ROAD N WEST PALM BEACH, FL 33412	
DRAWING NO. LIFT & SLIDE - TEAK SHEET NO. 2 OF 5	

GLAZING DETAILS



TYPICAL I.G. GLAZING DETAIL

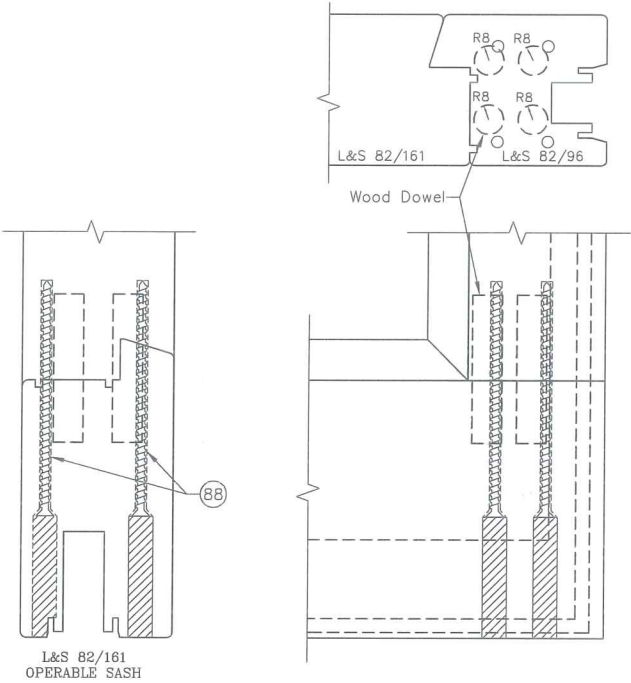
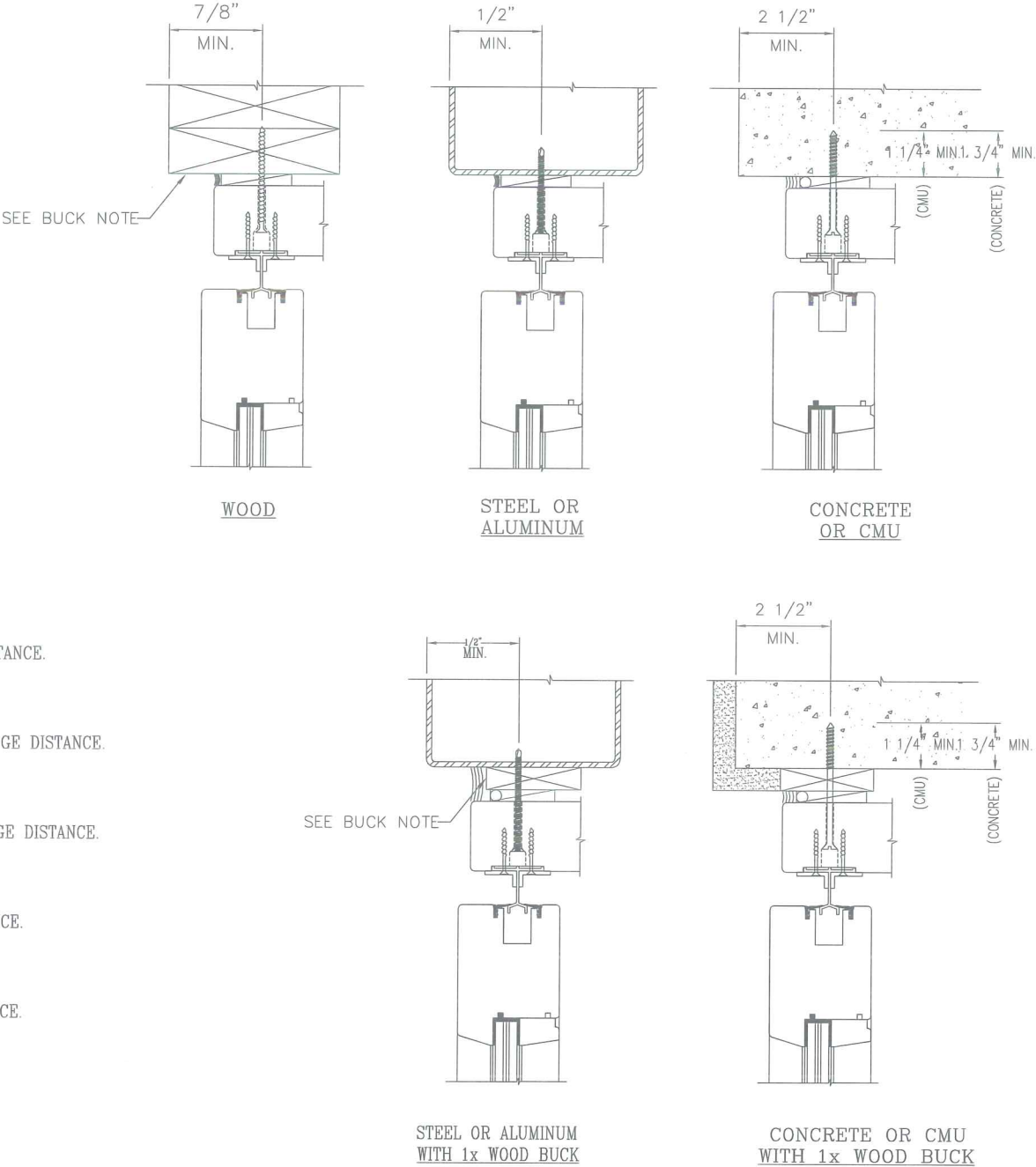
GLASS TYPE "B"; 1 3/8" LAMINATED I.G. WITH 1/4" ANNEALED+0.180 SGP+1/4" ANNEALED+7/16" AIR SPACE W/ALUM. SPACER (BLACK)+1/4" TEMPERED.

TYPICAL ANCHORS

- TYPE A**
- WOOD - #12 FH WOOD OR SHEET METAL SCREW
(2x6 MIN. TYPICALLY) WITH 1 1/4" MIN. EMBEDMENT AND 7/8" EDGE DISTANCE.
- TYPE B**
- CONCRETE - 1/4" DIA. FH ITW TAPCON OR ELCO ULTRACON
(3000 PSI MIN) WITH 1 3/4" MIN. EMBEDMENT AND 2 1/2" MIN. EDGE DISTANCE.
- CMU - 1/4" DIA. FH ITW TAPCON OR ELCO ULTRACON
(ASTM C90 MIN) WITH 1 1/4" MIN. EMBEDMENT AND 2 1/2" MIN. EDGE DISTANCE.
- TYPE C**
- STEEL - #12 FH F-TYPE (GR. 5) THREAD FORMING SCREW
(16 Ga. 33 KSI MIN) WITH FULL EMBEDMENT AND 1/2" MIN. EDGE DISTANCE.
- ALUMINUM - #12 FH F-TYPE (GR.5) THREAD FORMING SCREW
(1/8" MIN, 6063-T5) WITH FULL EMBEDMENT AND 1/2" MIN. EDGE DISTANCE.

1x OR 2x WOOD BUCKS MUST BE PROPERLY ATTACHED TO SUBSTRATE, AND MUST TRANSFER LOADS IMPOSED BY GLAZING SYSTEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHOR CONDITIONS



BOTTOM RAIL TO STILE JOINERY

DATE: 12/12/2017

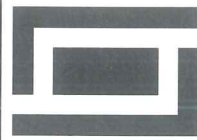
DATE

REVISION DESCRIPTION

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(COA# 27194)
15211 87TH ROAD N
WEST PALM BEACH, FL 33412

DRAWING NO.
LIFT & SLIDE - TEAK

SHEET NO.
3 OF 5



ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
FASTENERS		
68	NO. 12 X 2 1/2" SS WOOD SCREW	WITHIN 6" OF ENDS & 12" O.C.
69	NO. 14 X 3" SS WOOD SCREW	WITHIN 6" OF ENDS & 16" O.C. (HEAD BLOCKING)
71	NO. 6 X 1 1/2" SS WOOD SCREW	WITHIN 6" OF ENDS & 12" O.C. (2 ROWS)
72	NO. 12 X 2 1/2" SS WOOD SCREW	WITHIN 2" OF ENDS & 15 3/4" O.C.
73	23 GAGE BRAD NAIL	2" FROM CORNERS & 8" O.C.
74	NO. 6 X 1 1/2" SS WOOD SCREW	WITHIN 6" OF ENDS & 12" O.C. (2 ROWS)
75	NO. 8 X 2 1/2" SS WOOD SCREW	1 PER LOCK BOLT/GEAR
76	NO. 10 X 1 1/2" SS WOOD SCREW	WITHIN 6" OF ENDS & 16" O.C.
77	NO. 12 X 6" SS WOOD SCREW	WITHIN 6" OF ENDS & 12" O.C.
78	NO. 10 X 1 1/2" SS WOOD SCREW	WITHIN 2" OF ENDS & 12" O.C.
80	NO. 18 X 1 1/4" SS WOOD SCREW	WITHIN 6" OF ENDS & 16" O.C.
83	NO. 6 X 1 1/2" SS WOOD SCREW	2 1/2" O.C. (STAGGERED)
84	NO. 10 X 2 1/2" SS WOOD SCREW	WITHIN 6" OF ENDS & 12" O.C.
85	NO. 12 X 6" SS WOOD SCREW	WITHIN 6" OF ENDS & 12" O.C.
86	NO. 12 X 3 1/2" SS WOOD SCREW	WITHIN 6" OF ENDS & 16" O.C.
87	NO. 14 X 3" SS WOOD SCREW	1 1/2" FROM ENDS (FRAME CORNER FASTENER)
88	NO. 14 X 6" SS WOOD SCREW	1 1/2" FROM ENDS & 2 1/2" O.C. (4 TOTAL EA. CORNER)
89	NO. 12 X 3 1/2" SS WOOD SCREW	WITHIN 6" OF ENDS & 12" O.C. (STAGGERED)
122	NO. 12 X 4" SS WOOD SCREW	WITHIN 6" OF ENDS & 12" O.C.
SEALS AND SEALANTS		
64	POLYURETHANE/SILICONE SEALANT	BY: PROSOCO R-GUARD (FAST FLASH)
66	DOW 995 (GLAZING BEAD)	BY: DOW CORNING (3 SIDES OF GLAZING POCKET)
136	COMPRESSION GASKET	DEVENTER # (S 5469) – Approx. 67 Linear FT.
137	TOP WEATHER SEAL	DEVENTER # (S 2586) – Approx. 23 Linear FT.
142	ASTRAGAL WEATHER SEAL	DEVENTER # (S 6890) – Approx. 11 Linear FT.
144	1/8" x 1 1/8" x 4" SETTING BLOCK, 2 PER DLO	NEOPRENE (70-90 SHORE A DURAMETER HARDNESS)
HARDWARE AND TRACKS		
54	TOP TRACK (ALUMINUM)	BY: FUNCTIONAL FENESTRATION INC.
60	BOTTOM TRACK (ALUMINUM)	BY: FUNCTIONAL FENESTRATION INC.
125	OPERATING HARDWARE	BY: FUNCTIONAL FENESTRATION INC.
61	GORILLA GLUE	BY: GORILLA GLUE
70	NO. 12 x 1 1/2" S.S. WOOD SCREW	WITHIN 2" OF ENDS & 12" O.C.
50	UNI-V INTERLOCK – FEMALE (G02208.40.93)	BY: FUNCTIONAL FENESTRATION INC.
51	UNI-V INTERLOCK – MALE (G02208.40.93)	BY: FUNCTIONAL FENESTRATION INC.
79	NO. 12 x 1 1/2" PH SMS	WITHIN 6" OF END, 25" O.C.
80	S.S. STRAP	1 5/8" x 5" 18 GA. 316 S.S.
81	NO. 8 x 1 1/2" S.S. WOOD SCREW	WITHIN 4" OF END, 16" O.C.

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DRAWING NO.
LIFT & SLIDE - TEAK

SHEET NO.
4 OF 5

⑪⑪ Header Rail

⑪⑬ Sill Rail

①20 Jamb Stile (Fixed)

①²⁶ Jamb Stile (Meeting)

①27 Fixed
Header Rail

⑪⑮ Fixed Sill Rail

⑪⑩ Jamb Header

①24 Meeting Stile

⑪⑧ Jamb Sill

⑬ Meeting
Component

⑬ Meeting
Component

⑬ Meeting
Component

①29 Interlock
Component

⑪④ Sill Jamb
Cover Board

⑬ Fixed Rail
Blocking

⑪⑥ Fixed Rail
Sill Blocking

134 Fixed Rail
Blocking

①28 Fixed
Interlock

Uni-V
Interlock

⑪⑫ Header Jamb
Cover Board

⑬⑧ Steel
Reinforcement

⑪⑦ Sill Cover
Board

ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
110	JAMB HEADER	TEAK
111	HEADER RAIL	TEAK
112	HEADER COVER BOARD	TEAK
113	SILL RAIL	TEAK
114	SILL COVER BOARD	TEAK
115	FIXED SILL RAIL	TEAK
116	FIXED TRACK ADAPTER	TEAK
117	SILL COVER BOARD	TEAK
118	JAMB SILL	TEAK
120	JAMB STILE (FIXED)	TEAK
121	FIXED STILE	TEAK
38	STANDARD INTERLOCK	TEAK
124	MEETING STILE	TEAK
126	JAMB STILE (MEETING)	TEAK
127	FIXED HEADER RAIL	TEAK
128	FIXED INTERLOCK	TEAK
129	INTERLOCK COMPONENT	TEAK
130	FIXED RAIL BLOCKING	TEAK
131	MEETING COMPONENT	TEAK
132	MEETING COMPONENT	TEAK
133	MEETING COMPONENT	TEAK
134	FIXED RAIL BLOCKING	TEAK
135	HEADER BLOCKING	TEAK
140	IG GLASS STOP	TEAK
141	ASTRAGAL	TEAK
STEEL REINFORCEMENT		
138	STEEL REINFORCEMENT	2" x 2" x 3/8" STEEL ANGLE (Length on Sheet 1)
139	STEEL REINFORCEMENT	1/4" x 2" STEEL FLATBAR (Length on Sheet 1)

TEAK WOOD: Specific Gravity = 0.55
Modulus of Elasticity = 1.55×10^6 psi

①42 Astragal
Weather Seal

⑬⑥ Compression
Gasket

(137) Top Weather
Seal

⑬ Steel
Reinforcement

①40 I.G. Glasstop

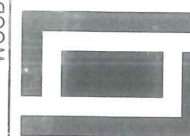
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LIFT & SLIDE - TEAK

SHEET NO.
5 OF 5