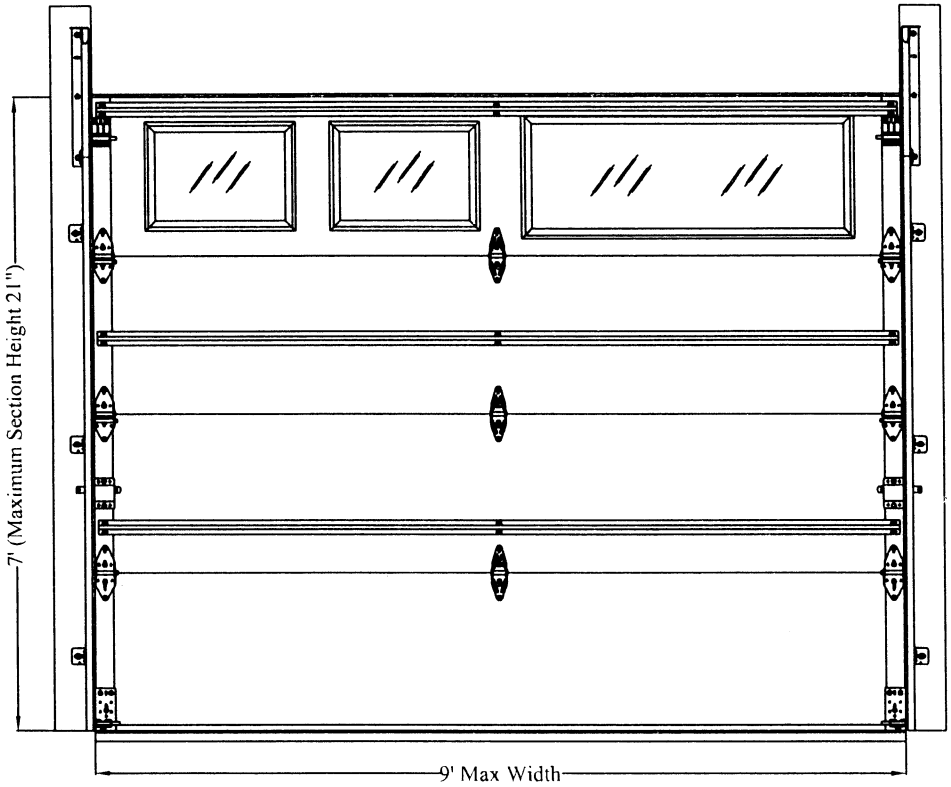
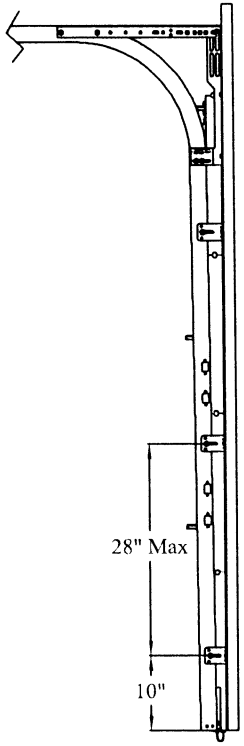
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



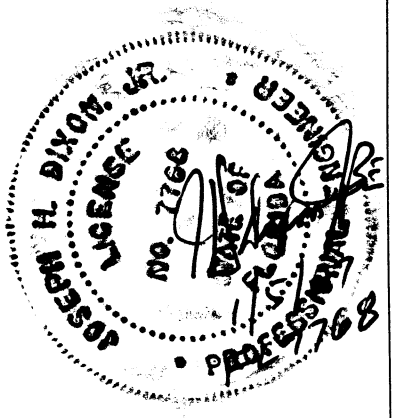


Strut Locations	
7'	8'
27"	27"
52"	48"
82"	71"
	94"

Note: Additional door heights are available. Consult manufacturer for details.

Track Brackets	
7'	8'
3	4

Note: Detail views shown on sheet 2.



Design pressures meet or exceed those required by ASCE 7-02 for the following conditions:

V = 130 MPH exposure category B and mean roof height of 30' or less
V = 110 MPH exposure category C and mean roof height of 30' or less

The use of the wind speeds shown is limited to those cases meeting all of the following additional conditions:

1. **Building category II**
2. **2 ft or less of the door width in the end zone of the building (zone 5)**
3. **Importance factor = 1.0**
4. **Topographic factor = 1.0**
5. **Directional factor = .85**
6. **Doors with glazed sections are not qualified for use in windborne debris regions**

Description: 3600 series 2" expanded polystyrene insulated sandwich doors (.015 front/.014 back skin)

Design Pressure: +26.9/-30.5
Test Pressure +40.4/-45.7

Tested per the applicable requirements of ANSI/DASMA 108-2002

DRAWN BY: John M. Stroede 10/9/06

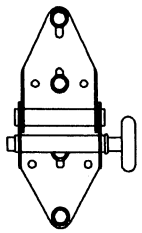
APPROVED BY: John M. Stroede 10/9/06

doorLink Manufacturing, Inc.
1501 Taney St.
North Kansas City, MO 64116

TITLE
Windload Rated Residential Garage Door Models 3610, 3630, 3650, 3690

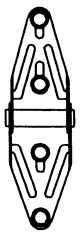
DRAWING NUMBER		REVISION
RS9A-130		A
SIZE A	SCALE N/A	SHEET 1 of 2

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

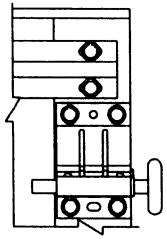


End Hinge
14 gauge galvanized steel end hinge attached with four 1/4" x 3/4" screws

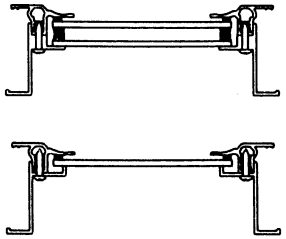
Roller
Minimum 7 ball steel roller or nylon non-ball bearing roller with 4" stem



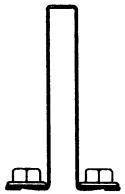
Center Hinge
18 gauge galvanized steel narrow body hinge attached with four 1/4" x 3/4" screws



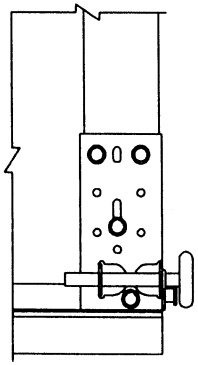
Top Fixture
16 gauge galvanized steel top fixture with two bolt roller carrier and attached to door with four 1/4" x 5/8" self-tapping screws



Windows (optional)
Plastic screw together window frame for either 1/2" insulated glass or DSB glass with a maximum opening of 43" x 15" or plexiglass with a maximum opening of 18" x 12 1/2"



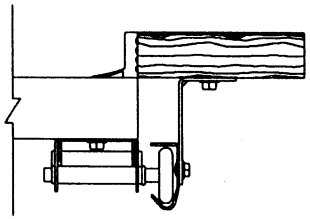
Struts
3" 20 gauge 33 ksi hat strut attached with two 1/4" x 5/8" self-tapping screws per stile location



End Cap
20 gauge galvanized steel end cap attached with one sheet metal screw

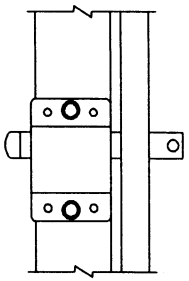
Bottom Bracket
13 gauge galvanized steel bottom bracket attached with four 1/4" x 5/8" self-tapping screws

Bottom Weatherstrip
Aluminum extrusion with vinyl insert

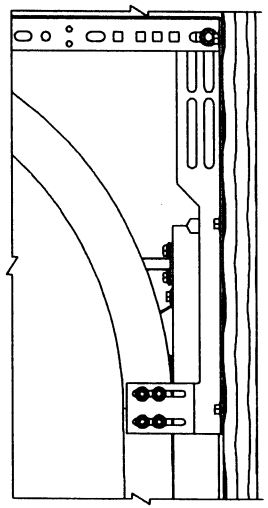


Wood Jambs
Vertical jambs are to be 2x6 #2 Spruce-Pine-Fir (S-P-F) or better depeding on regional availability
Note: Preparation of jambs by others, and supporting structural elements must be capable of withstanding the rated windload

Stop Molding
Stop molding is required, or door must overlap jambs by 1/4"



Locking Mechanism
Doors must have either an electronic operator or locking device installed (inside slide lock shown, other lock types permitted)
Note: Extension spring doors require locking point on each side if no electronic operator is installed

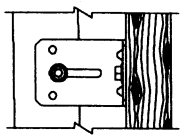


Flag Bracket
12 gauge galvanized steel flag bracket attached to wood jamb with three 5/16" x 1 5/8" wood lag screws and to the horizontal and vertical tracks with two 1/4" x 3/4" track bolts and nuts each

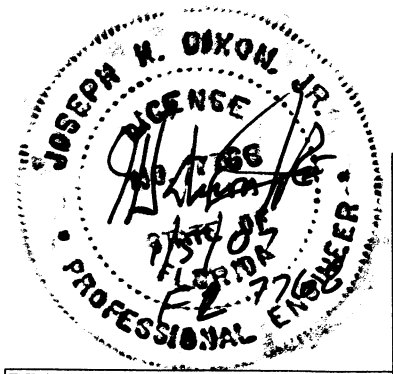
Horizontal Track and Angle
Horizontal track and angle to suit with suitable back hang

Vertical Track
2" galvanized steel track with a minimum thickness of .054"

Strut Spacer
1/8" spacer required between strut and top section only when 43" x 15" windows are used



Track Brackets
2 1/4" wide x 12 gauge galvanized steel track bracket attached to wood jamb with one 5/16" x 1 5/8" wood lag screw and to vertical track with one 1/4" x 3/4" track bolt and nut
Note: Center distance between track brackets not to exceed 28"



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Windload Rated Residential Garage Door
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DRAWN BY: John M. Stroede 10/9/06	DRAWING NUMBER RS9A-130		REVISION A
APPROVED BY: John M. Stroede 10/9/06	SIZE A	SCALE N/A	SHEET 2 of 2