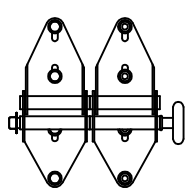
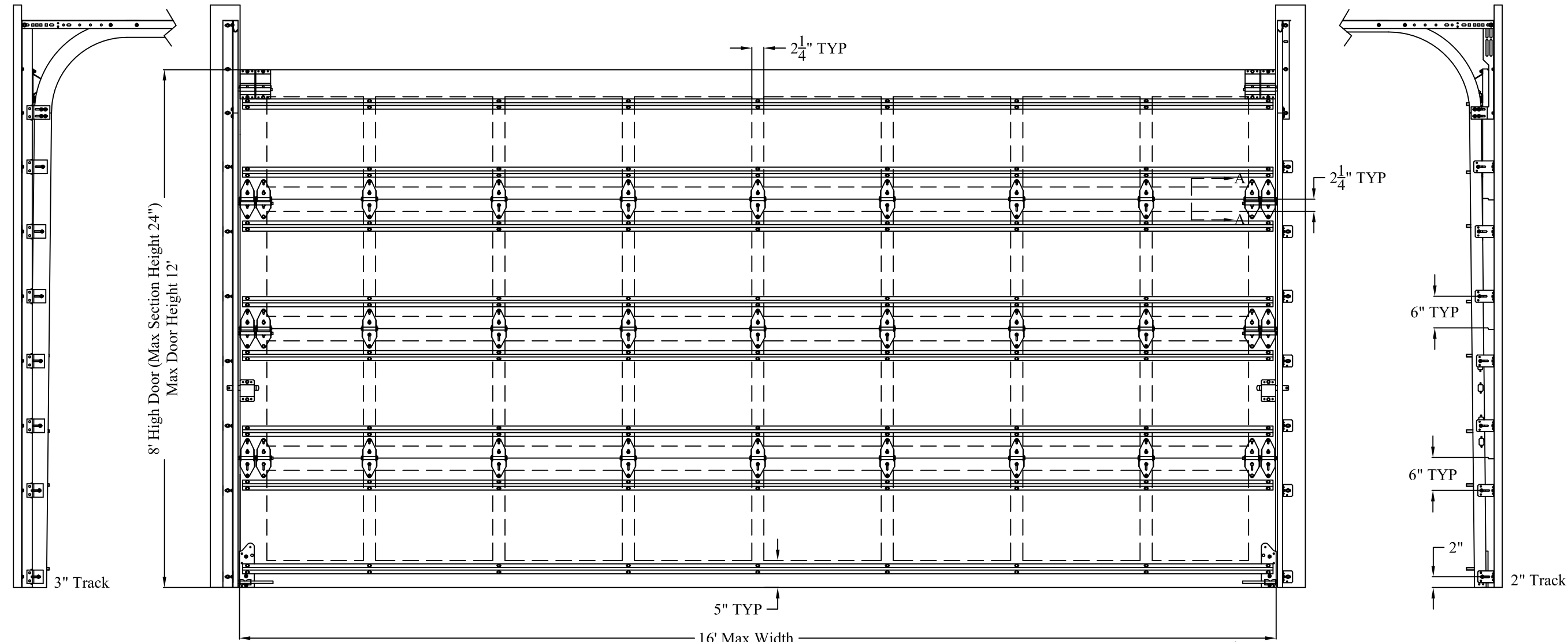


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

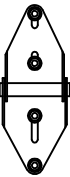


End Hinge

11 gauge galvanized steel double end hinges with the outer hinge attached with four 1/4" x 2 1/4" carriage bolts and the inner hinge attached with four 1/4" x 1 3/8" lag screws

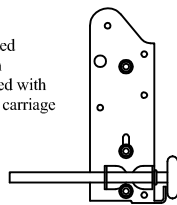
Roller

2" or 3" steel or nylon roller with a hardened 7" stem and push nut installed (hurricane roller)



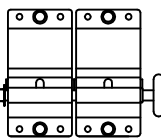
Center Hinge

11 gauge galvanized steel hinge at each center stile attached with four 1/4" x 2 1/4" carriage bolts



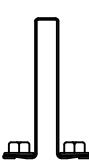
Bottom Bracket

11 gauge galvanized steel bottom bracket for 2" or 3" rollers and attached to bottom section with three 1/4" x 2 1/4" carriage bolts (no push nut required on bottom roller)



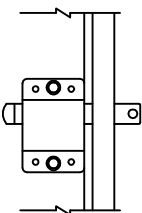
Top Fixture

12 gauge galvanized steel double top fixtures two 1/4" x 1 3/8" lag screws each (push nut is required on top roller)



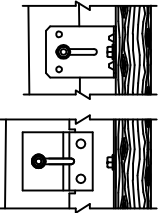
Struts

3" 20 gauge 50 ksi hat strut attached with two 1/4" x 1 3/8" lag screws per stile and located as shown on the sections (two per section)



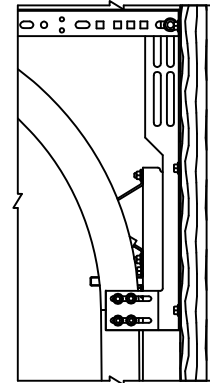
Locking Mechanism

Doors must have either an electronic operator or locking device installed (inside slide lock shown, other lock types permitted)



Track Brackets and Clips

12 gauge galvanized steel track bracket attached to wood jamb with one 5/16" x 3" wood lag screw and to vertical track with one 1/4" x 5/8" track bolt and nut or 12 gauge galvanized steel track clips riveted to 12 gauge angle (the same spacings apply to both track brackets and track clips)



2" Track Option

Flag Bracket

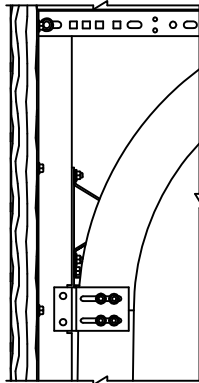
12 gauge galvanized steel flag bracket attached to wood jamb with three 5/16" x 3" wood lag screws and to the horizontal and vertical tracks with two 1/4" x 5/8" track bolts and nuts each

Horizontal Track and Angle

Horizontal track and angle to suit

Vertical Track

2" galvanized steel track with a minimum thickness of .075"



3" Track Option

Vertical Angle

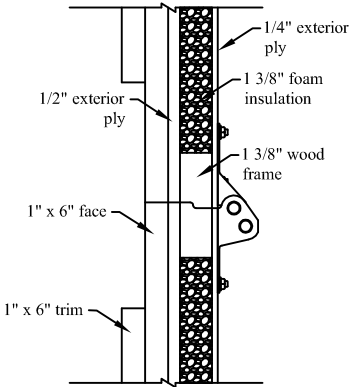
12 gauge galvanized steel angle attached to wood jamb with 5/16" x 3" wood lag screws at each track clip location as well as one near the top of the door and one near the top of the vertical angle

Horizontal Track and Angle

Horizontal track and angle to suit

Vertical Track

3" galvanized steel track with a minimum thickness of .090"



Section A - A

Note: The design of the supporting structural elements shall be the responsibility of the professional of record for the structure and in accordance with current building codes for the loads listed on this document

Models: Design 201, 202, 203, 206
Tested in accordance with TAS 201, TAS 202, and TAS 203
Design Pressure: +40/-43 PSF
Test Pressure: +60/-64.5 PSF

DRAWN BY:
John M. Stroede 4/21/15

APPROVED BY:
John M. Stroede 4/21/15

 1571 E. MAIN ST./HWY 79 OLD FORT, NC 28762 PHONE 828-668-1600 FAX 828-668-1805			
TITLE		16x8 Carriage House Door +40/-43 PSF	
DRAWING NUMBER		Carriage-16-8-40-43	
REVISION		A	
SIZE	B	SCALE	N/A
SHEET	1 of 1		