



Project: STFD No.1 New Training Facility-Slidell #2
34780 S. Range Road
Slidell, Louisiana 70460

SUBMITTAL COVER SHEET

Arch. Project No: _____

MNC Project No: 830

To: Dammon Engineering, Inc.
554 Old Spanish Trail
Slidell, Louisiana 70458
info@dammonengineering.com

From: Cheri Rusich
M Natal Contractor, Inc.
P.O. Box 518
Slidell, LA 70459

Attn. David Dammon
Chuck Dammon

Sent Via E-Mail

General Contractor's Review:

M Natal Contractor, Inc.

CONTRACTOR'S REVIEW:

SUBMITTAL NO: 83323.001.0
SPEC. SEC. NO: 83323
VENDOR/SUB: ACE Garage
DESCRIPTION: Insulated Service Door Specs and Windspeed

NO EXCEPTIONS TAKEN
FURNISH AS CORRECTED
REJECTED; RESUBMIT
PARTIAL APPROVAL; SUBMIT ADD'L ITEM(S)

Reviewing is for conformance with the design concept of the project and compliance with the information given in the Contract Documents. The Vendor/Subcontractor is responsible for dimensions to be confirmed and correlated at the site for information that pertains solely to the fabrication process or to the means, method, technician, sequences, and procedures of construction; and for coordination of the work with all trades.

BY *Cheri Rusich* DATE: 06/11/2025

Architect/Engineer Review:



600

Insulated Service Door

ASTA Door 600 Series Insulated Rolling Steel Service Door is produced with the highest quality and durability in the industry. The 600 Series comes in 24, 22, 20 or 18-gauge slats with a flat profile and 24 or 22-gauge back slat that encloses a 5/8" thick insulation strip between the two slats. The 600 Series is available in sizes 40'x16' to 28'x26' (varies by model). The 600 Series is the perfect choice for industrial, commercial, or climate-controlled applications.



Three finish options:

- White Topcoat
- Gray Topcoat
- Tan Topcoat

Standard features:

- Enclosed hood with baffle
- Reduction gear chain hoist
- 3-piece structural steel guides with weatherseal
- Double angle bottom bar with weatherseal

OPTIONS

ELECTRIC OPERATION | Easy fast motorized operation at a push of a button (motor mounting plates available on request).

SLIDE BOLT LOCKS | Dual steel slide bolt locks attached to bottom suitable for padlocks (padlocks by other) (standard for manual/push-up operation).

VISION PANELS | 5" x 3/4" cut out spaced approximately 3" apart and covered with clear Lexan.

WINDLOAD | Available design to +/- 50 PSF for 16' wide (22-gauge). Windload varies by size and model; for windload availability on large sizes contact customer service.

POWDER COATING | Consult facility for available colors.

Hoods | 24-gauge galvanized steel with baked epoxy primer and/or baked polyester topcoat and designed to enclose door coil. Reinforcing to be 1/4" thick steel brackets for door over 16'0" wide.

Hood Baffle | 8" wide PVC rubber riveted to the inside of the hood.

Drum Assembly | Barrel to be a steel pipe of diameter and wall thickness to restrict maximum deflection to .03" per foot door width. Springs to be oil tempered grease packed helical torsion type designed to cycle 20,000 times with an overload factor of 25%. Springs are to be mounted on a cold rolled steel inner shaft. End Bearing to be self-lubricating ball bearings.

Guide Assembly | Wall Angles to be 3/16" minimum thickness structural steel. Guide Angles to be 3/16" minimum thickness structural steel with removable headstops. Guide Depth to provide slat penetration adequate to satisfy specified windloading.

Slats | 24, 22, 20, or 18-gauge are manufactured from commercial grade galvanized steel and coated with Super Durable polyester paint that is backed by a 40 year film integrity and 25 year no-fade limited paint warranty.

*Insulation to be 5/8" polystyrene foam. Effective insulating value to be R=5.0. (Polyurethane Optional)

Models	
624 - 24 Gauge Slat	622 - 22 Gauge Slat
620 -20 Gauge Slat	618 -18 Gauge Slat

Bracket Assembly | Bracket Plates to be 1/4" minimum thickness steel plate and enclose ends of barrel assembly. Drive End Bracket Plate to be filled with a self-aligning sealed ball bearing.

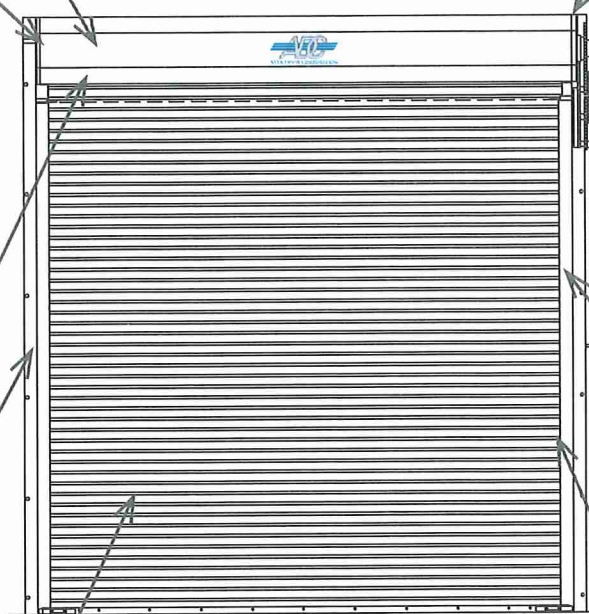
Chain Hoist | Drive to consist of roller chains and sprockets. Hand Chain to be galvanized machine link. Pull not to exceed 35 lbs. (156 N).

Hand Chain Lock | Lockable bracket mounted on guide angle or wall suitable for padlocking (padlock by others).

Guide Weatherseal | One-piece vinyl weather seal attached to door guide on the non-coil side (brush seal with retainer available upon request).

Endlocks | Each end of alternate slats to be fitted with endlocks to provide a wearing surface in the guides and to maintain slat alignment. Fastened with 3/16" rivets. Windlocks provided on larger sizes.

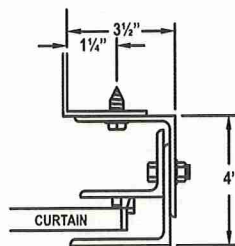
Bottom Bar | Curtain to be reinforced with a bottom bar consisting of two 2" x 1 1/2" x 12-gauge galvanized or 2" x 2" x 1/8" structural steel angles (depending on model and size) with PVC bulb astragal.



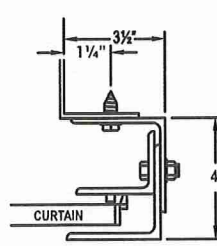
Specification Details

STANDARD GUIDE DETAILS

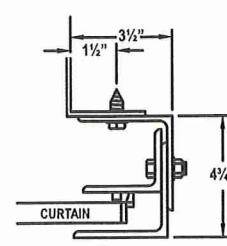
3 piece Structural Steel Guide



3 piece Structural Steel Windlock Guide



3 piece Structural Steel Windload Certified Guide



(Dimensions are approximate and vary by door size)

* For headroom and sideroom dimensions, refer to door specific shop drawings.



ASTA Door Corporation reserves the right to change engineering specifications without prior notice. Illustrations shown are for general reference and should be verified for construction purposes.

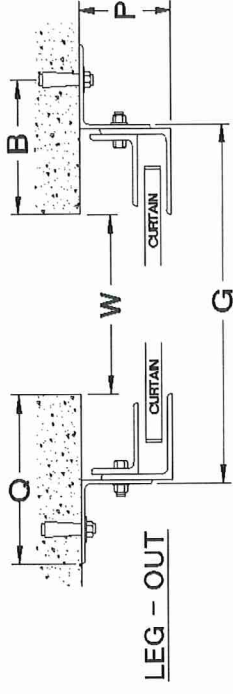
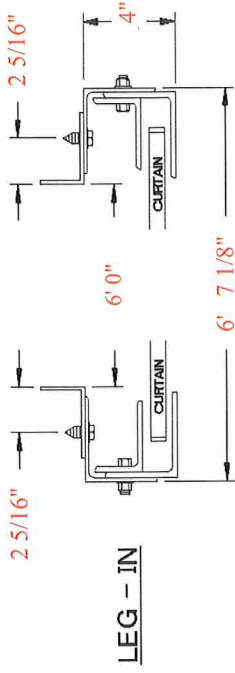


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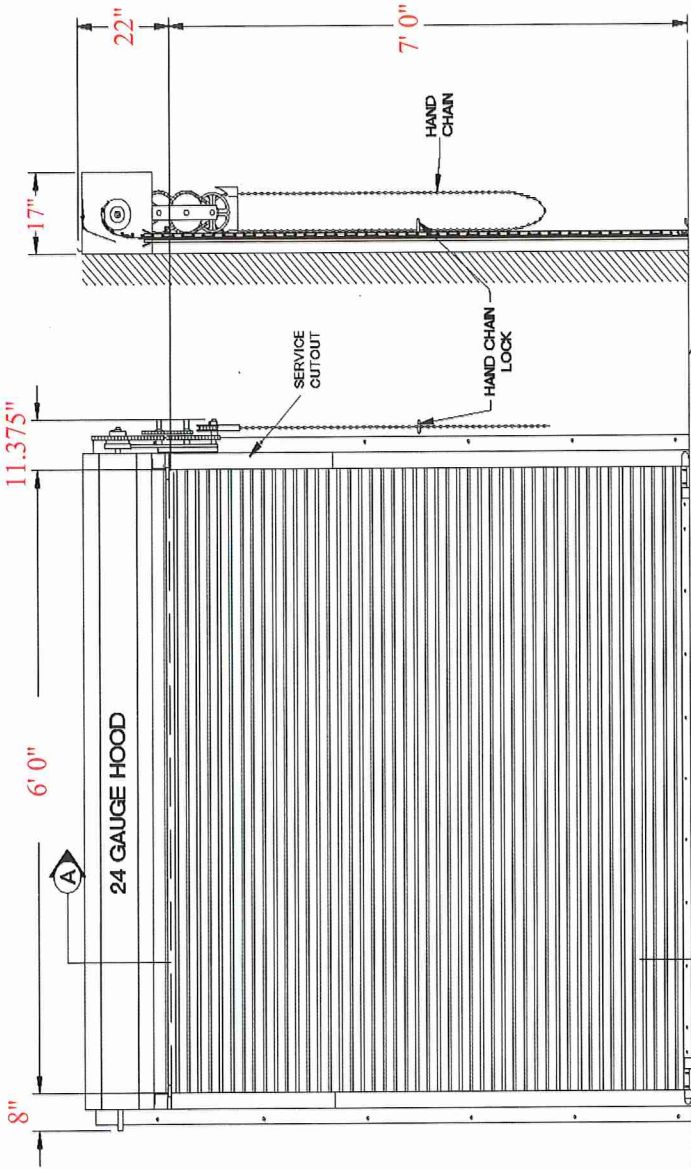
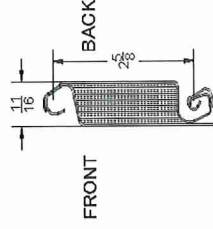
revised 2/28/2019

GUIDE DETAIL

LEG - IN LEG - OUT 2WL TYPE



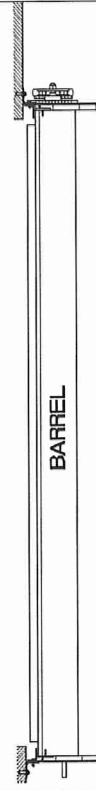
SLAT DETAIL



ELEVATION

- GENERAL NOTES:**
- Right Hand Shown, Left Hand Opposite
 - Hood baffle:
 - Guide brush/seal:
 - Structural Steel Guides and Headplates Powder Coated:
 - Impact/Windload rating:
 - Base Door Weight (excludes options/accessories):

SECTION A-A



PLAN VIEW

600 SERIES FACE OF WALL CHAIN HOIST

QTY.	OPENING WIDTH	OPENING HEIGHT	OPERATION	HAND	COLOR	CONTRACTOR:	PROJECT:
	6' 0"	7' 0"	Chain Hoist	Right	Gray		
							ARCHITECT:

OPTIONS: Slats: Painted, Gray | Windload Certified: TDI (FL#17817) Max PSF +97.7/-106.6 | Wind Locks | Hood: Steel Gray | Steel Bottom Bar Standard Black Powder Coat | Structural Steel, 3/16" min. Standard Black Powder Coat | Interior Mount | Steel Jambes | Type 1 Drive | Clip-On Guide Seal | Hood Barbs | Standard/Chain Hoist Lock

BY: Mallory Millsep
DATE: 3/5/2025
REF.#: C-74343 /
SHEET: OF:

APPROVAL SIGNATURE: _____

DATE: _____

ASTA DOOR CORPORATION
400 & 600 SERIES WINDLOAD REFERENCE CHART
(MOUNTING TO STEEL, CONCRETE AND POURED CMU ONLY)
WINDLOAD RATED DOORS (+/- PSF)

Approval	FL #17817 / GDR-142		FL #8888			FL #17817 / GDR-141	
Series	400 / 600		424C	422C	420C	400IM / 600IM	
Jamb	3/16" Steel, Concrete, & Filled CMU		10 GA Steel and Concrete			3/16" Steel, Concrete, & Filled CMU	
Psf	(+)	(-)	(+/-)	(+/-)	(+/-)	(+/-)	(+/-)
Width	30' Max Height		21' Max Height			30' Max Height - Impact Rated	
8'	97.7	106.6	110.8	118.2	124.5	55.0	60.0
9'	97.7	106.6	87.4	92.3	96.5	55.0	60.0
10'	88.0	96.0	71.3	74.6	77.6	55.0	60.0
11'	80	87.3	59.7	62.0	64.2	55.0	60.0
12'	73.3	80	50.9	52.7	54.3	55.0	60.0
13'	67.6	73.8	44.2	45.5	46.7	55.0	60.0
14'	62.8	68.6	38.9	39.8	40.8	55.0	60.0
15'	58.6	64	34.5	35.3	36.0	55.0	60.0
16'	55.0	60.0	31	31.6	32.2	55.0	60.0
17'	49.0	53.5	28.0	28.5	29.0	28.8	31.5
18'	45	49.1	25.5	25.9	26.3	28.8	31.5
19'	41.2	45	23.3	23.6	24.0	28.8	31.5
20'	37.7	41.2	21.5	21.7	22	28.8	31.5
21'	35	38.2	19.8	20.1	20.3	28.8	31.5
22'	32	35	18.4	18.6	18.8	28.8	31.5
23'	30.2	33	17.2	17.3	17.5	28.8	31.5
24'	28.8	31.5	16	16.2	16.3	28.8	31.5
25'	27	29.6					
26'	25.4	27.8					
27'	24	26.3					
28'	22.7	24.8					
29'	21.5	23.5					
30'	20.4	22.3					
31'	19.4	21.2					
32'	18.4	20.2					

ASCE 7-16 Calculator Wind Speed	Design Pressure Exposure B		Design Pressure Exposure C		Design Pressure Exposure D	
	(+)	(-)	(+)	(-)	(+)	(-)
90 mph	6.8	7.9	9.7	11.3	11.6	13.4
100 mph	8.4	9.8	12.0	13.9	14.3	16.6
110 mph	10.2	11.8	14.5	16.8	17.3	20.1
120 mph	12.1	14.1	17.3	20.0	20.6	23.9
130 mph	14.2	16.5	20.3	23.5	24.2	28
140 mph	16.5	19.1	23.5	27.3	28.0	32.5
150 mph	19	22	27.0	31.3	32.2	37.3
160 mph	21.6	25	30.7	35.6	36.6	42.4
170 mph	24.3	28.2	34.7	40.2	41.3	47.9
180 mph	27.3	31.6	38.9	45.1	46.3	53.7
190 mph	30.4	35.3	43.3	50.2	51.6	59.8
200 mph	33.7	39.1	48.0	55.6	57.2	66.3
210 mph	37.2	43.1	52.9	61.3	63.0	73.1
220 mph	40.8	47.3	58.1	67.3	69.2	80.2

Windspeed/Design Pressure Conversion Based on ASCE 7-16 and on the Following

- : 14' 0" x 14' 0" Door Size
- : Door Located 2' From Building End Zone
- : 25' Mean Roof Height
- : >10 Degree Roof Slope
- : Smaller Doors Will Have Higher Design PSF Requirements
- : Larger Doors Will Have Lower Design PSF Requirements
- : Assume Exposure B Unless Otherwise Specified
- : Enclosure Classification - Enclosed
- : Building Length of 200'
- : Building Width of 100'

Notes:
 : CMU jambs referenced are with concrete filled CMU Cells. (Poured CMU)
 : Models 424C, 422C, & 420C are Curved Slat.