

Schedule Of Hollow Metal Doors and Frames

June 07, 2016

| | | |
|-----------------|------------------------------------|-----------|
| Name: | RE-USE WATER PUMP STATION | PROJECT |
| Address: | 2305 EAST 57TH SOUTH WICHITA KS | |
| Phone: | | |
| Superintendent: | ROBIN ROBERTS | Engineer: |
| | 316-722-8180 | |

| | | |
|----------|--|------------|
| Name: | DESIGN BUILD CONST | CONTRACTOR |
| Address: | 1330 E 37TH STREET NORTH WICHITA KS 67219 | |
| Phone: | 316-722-8180 | |
| Contact: | ROBIN | |

| | |
|-----------------|-----------|
| Name: | ARCHITECT |
| Address: | |
| Phone: | |
| Project Number: | |

Revision # June 07, 2016

| | |
|--|---|
|  | The Genuine. The Original. |
| Overhead Door Company of Wichita A DH Pace Company | RE-USE WATER PUMP STATION TO SERVE SPIRIT AEROSYSTEMS |
| 3506 West Harry Wichita | Control No. 1490 |
| Tel: (316) 944-3667 | JC-RE-USEWPS |
| Fax: (316) 944-6465 | Submitted By: JEFF COCKING |
| KS 67213 | |

Abbreviations Used

| Abb | Description |
|-----------|---|
| A-60 | GALVANNEALED, HOT DIPPED, HEAT TREATED, 60Z ZINC COATED STEEL |
| ADJ | ADJUSTABLE BASE |
| F | FLUSH |
| FACE WELD | FULL FACE WELD |
| HMD | HOLLOW METAL DOOR |
| HMF | HOLLOW METAL FRAME |
| L | FULL FLUSH |
| LS | LOCK SEAM |
| PR | PAIR OF DOORS |
| PRI | PRIME |
| PS | POLYSTYRENE CORE |
| SGL | SINGLE DOOR |
| SS WELD | STEEL STUD WELD |
| STE | STEELCRAFT |



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Overhead Door Company of Wichita

3506 West Harry

Wichita

KS

67213

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RE-USE WATER PUMP STATION

TO SERVE SPIRIT AEROSYSTEMS

Control No. 1490

JC-RE-USEWPS

Submitted By: JEFF COCKING

Frame Schedule

| Quantity | Single/Pr | Mark # | Arch Fr Type | Area | Outside | T0/From | Inside | Type | Mfgr | Material | Series | Ga/Thickness | Door Thick | Rating | Agency | Jamb Depth | Nominal Door Opening | Hand | Wall Thk | Rough Opg | Anchor | Finish | Constr | Deg Opening | HW Set | Notes |
|----------|-----------|--------|--------------|------|-----------|---------|----------------------|------|------|----------|--------|--------------|------------|--------|--------|------------|----------------------|------|----------|-----------|----------------|--------|-----------|-------------|--------|--|
| 1 | SGL | 101B | B | | EXTERIOR | T | CHLORINATIO N 101 | HMF | STE | A-60 | F | 16 1 3/4 | | | | 5 3/4 | 3-0 x 7-0 | LH | | | SS WEL D | PRI | FACE WELD | | 02 | FLAT STRAP METAL BUILDING ANCHORS WELED IN |
| 1 | SGL | 101C | C | | PUMPS | T | CHLORINATIO N 101 | HMF | STE | A-60 | F | 16 1 3/4 | | | | 5 3/4 | 3-0 x 7-0 | LH | | | SS WEL D | PRI | FACE WELD | | 04 | FLAT STRAP METAL BUILDING ANCHORS WELED IN |
| 1 | PR | 102 | D | | EXTERIOR | F | PUMPS 102 | HMF | STE | A-60 | F | 16 1 3/4 | | | | 5 3/4 | 6-0 x 7-0 | RHRA | | | SS WEL D | PRI | FACE WELD | | 03 | FLAT STRAP METAL BUILDING ANCHORS WELED IN |
| 1 | PR | 103A | D | | EXTERIOR | F | MCC 103 | HMF | STE | A-60 | F | 16 1 3/4 | | | | 5 3/4 | 6-0 x 7-0 | RHRA | | | SS WEL D | PRI | FACE WELD | | 03 | FLAT STRAP METAL BUILDING ANCHORS WELED IN |
| 1 | SGL | 103B | C | | PUMPS 102 | F | MCC 103 | HMF | STE | A-60 | F | 16 1 3/4 | | | | 5 3/4 | 3-0 x 7-0 | LHR | | | SS WEL D | PRI | FACE WELD | | 05 | FLAT STRAP METAL BUILDING ANCHORS WELED IN |



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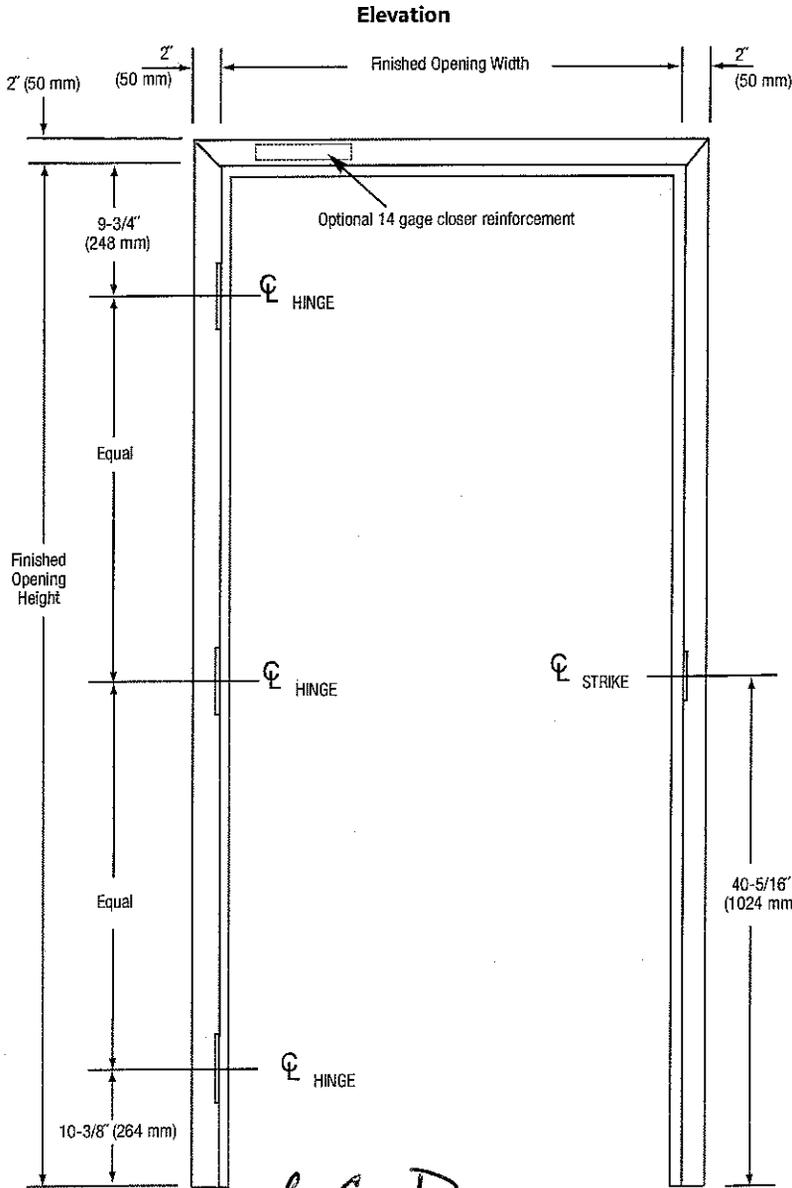
RE-USE WATER PUMP STATION

TO SERVE SPIRIT AEROSYSTEMS

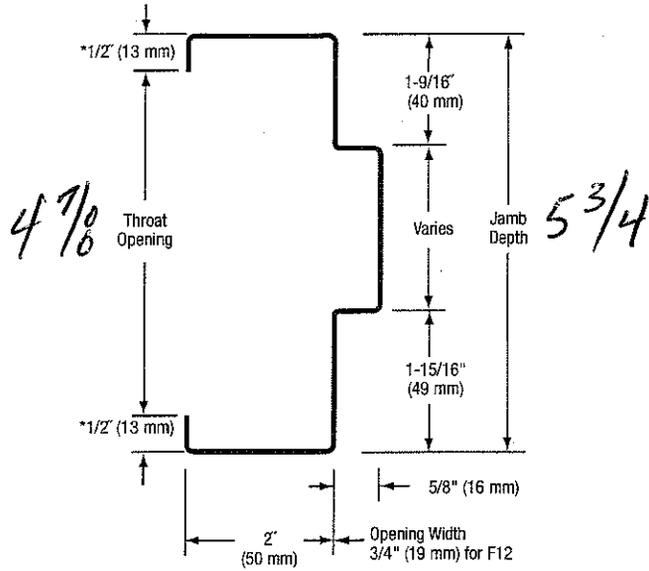
Control No. 1490

JC-RE-USEWPS

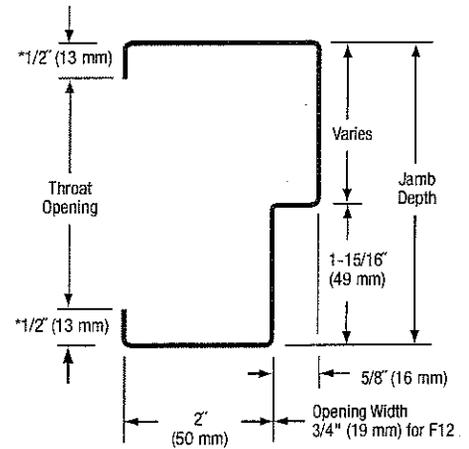
Submitted By: JEFF COCKING



Standard Double Rabbet Frame



Single Rabbet Frame



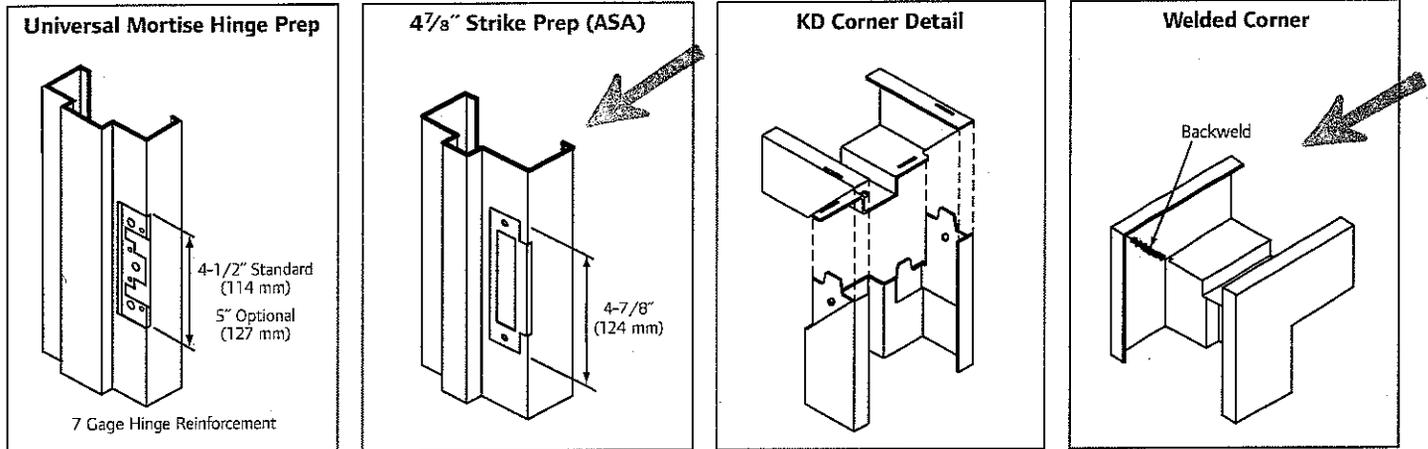
* 7/16" (11mm) on 5-3/4" frame depth

FRAME SIZING OPTIONS

| SERIES | MAXIMUM OPENING SIZE | | JAMB DEPTH AVAILABILITY (profile) | | | | STANDARD PROFILE DIMENSIONS (Variations Available) | | | CORNERS |
|--------|----------------------|-------------------|-----------------------------------|---------|---------------|---------|--|--------|---------|--|
| | Single | Pair | SINGLE RABBET | | DOUBLE RABBET | | FACE | STOP | RETURNS | |
| | | | Minimum | Maximum | Minimum | Maximum | | | | STANDARD |
| F16 | 5'-0" x 11'-0" | 10'-0" x 11'-0" | 3" | 20" | 4-3/4" | 20" | 2" | 5/8" | 1/2"* | DIE MITERED with four (4) concealed tabs interlocking head and jamba |
| F14 | (1524mm x 3353mm) | (2439mm x 3353mm) | (76mm) | (508mm) | (121mm) | (508mm) | (50mm) | (16mm) | (13mm) | |
| F12 | 4'-0" x 8'-0" | 8'-0" x 8'-0" | N/A | N/A | 4-3/4" | 14-3/4" | 2" | 3/4" | 1/2" | Square cut for welded corners |
| | (1524mm x 3353mm) | (2439mm x 3353mm) | (76mm) | (508mm) | (121mm) | (375mm) | (50mm) | (19mm) | (13mm) | |

*except 5-3/4" (146mm) depth, which is 7/16" (11mm) N/A - Not Available

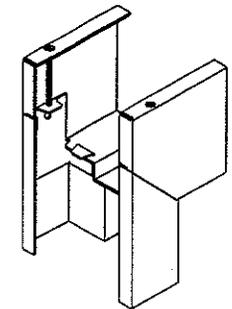




GENERAL NOTES:

1. Variations in jamb depths available in 1/8" (3mm) increments.
2. All F Series frames are supplied standard with masonry wire or lock-in jamb anchors and adjustable base anchors. Anchors are designed for maximum wall/frame engagement and installation flexibility.
3. F Series Frames are to be installed as part of the wall framing sequence.
4. Depending on environmental and usage conditions the steel can be either cold rolled or galvanized. Galvanized steel is recommended for all exterior applications.

Optional 4" (102mm) Face Head Detail



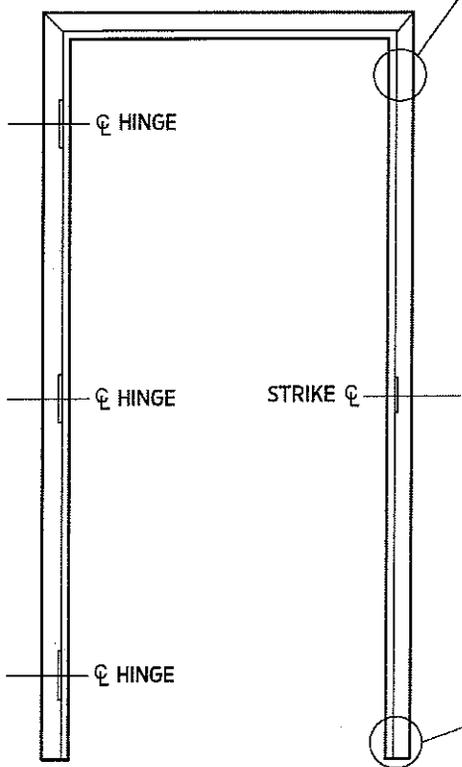
FRAME OPTIONS

| SERIES | FRAME PROFILE | | CORNER CONNECTIONS | | | | 4" (102mm) HEADS |
|--------|--|--|--|--|--|---------------|---|
| | | | KD (Knock-Down) | | SUA (Set-Up & Weld) | | |
| | SINGLE RABBET | DOUBLE RABBET | SINGLE RABBET | DOUBLE RABBET | SINGLE RABBET | DOUBLE RABBET | |
| F16 | Typically for walls less than 3-3/4" (95mm) thick. Minimum walls thickness 2" (51mm) | Typically for walls 3-3/4" (95mm) thickness or greater | 3 interlocking corner tabs per factory die-miter. See the "KD Corner Detail" | 4 interlocking corner tabs per factory die-miter. See the "KD Corner Detail" | Available when specified, and in accordance with ANSI A250.8-2003 (SDI 100). | | Die-mitered for use with 2" (51mm) face double rabbet jambs. Available when specified for KD or SUA applications. |
| F14 | | | | | | | |
| F12 | N/A | | N/A | N/A | Standard Saw Cut and welded, and in accordance with ANSI A250.8-2003 (SDI 100) | | For use with 2" (51mm) face double rabbet jambs. |

N/A = Not Available

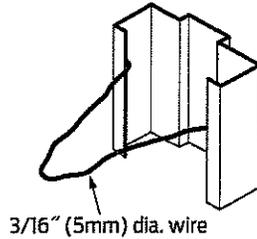
F, FN, MU, FE, and DE Series

Standard Lock-In Jamb Anchors are supplied on standard F Series frames having 2" faces

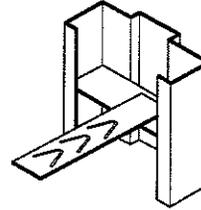


Masonry Wall Applications

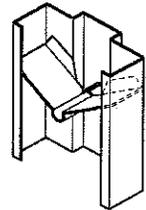
Wire Masonry Anchor



Masonry "T" Anchor

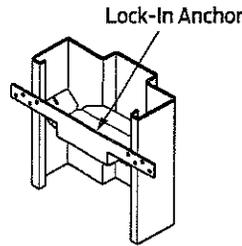


Existing Wall Anchor

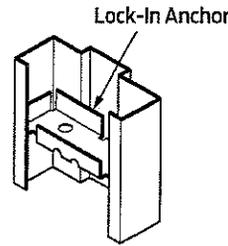


Stud Wall Applications

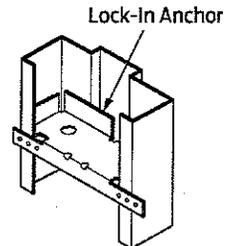
Universal Stud Anchor



Anchor for Steel Stud Partition

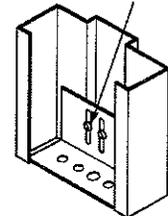


Anchor for Wood Stud Partition



Adjustable Sill Anchors are provided as standard

Attached with S.M. screws furnished



Maximum adjustment
1-3/8" (35mm)
below bottom of frame

Anchor Quantities:

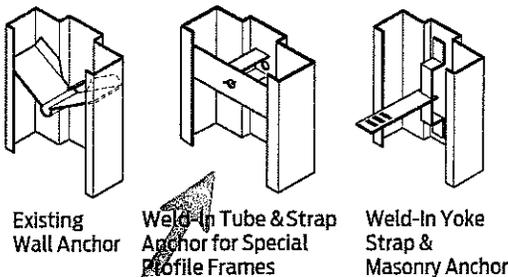
- 3 per jamb through 7'6" height
- 4 per jamb over 7'6" to 12'0" height
- 1 adjustable base anchor per jamb

Anchor Locations:

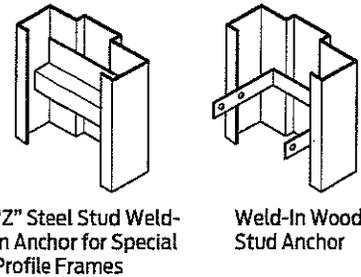
- Locate all anchors on hinge jamb as close to top of hinge reinforcement as possible.
- Locate anchors on strike jamb in the corresponding position as the hinge jamb.

Specialty Weld-In Jamb Anchors are supplied for custom frames and special wall applications when specified.

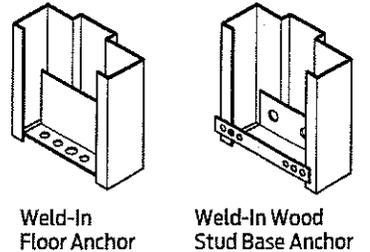
Masonry Wall Application



Stud Wall Anchors



Sill Anchors



*FLAT STRAP
MTL-1506-Anchor*

Door Schedule

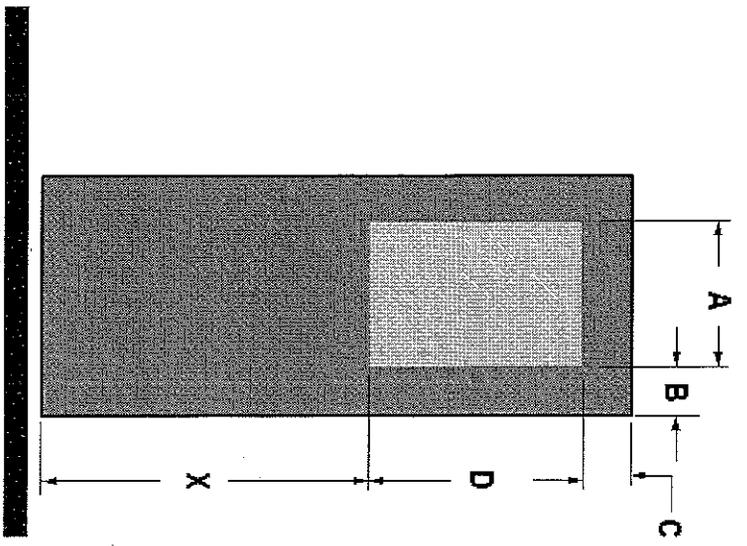
| Mark # Arch M# | Outside / Inside Location | Qty | Opng | Hand | Door Width | Door Height | Door Thick | Fire Rating | Door Type | Door Mfgr | Door Series | Door Core | Door Ga | Door Face | Door Fin | Arch Dr Type | Door Remark | Hw Hdg |
|---------------------|------------------------------------|-----|------|------|---------------|----------------|---------------|----------------|--------------|--------------|----------------|--------------|------------|--------------|-------------|-----------------|----------------|-----------|
| 101B/ 101B | EXTERIOR TO CHLORINATION 101 | 1 | SGL | LH | 3-0 | 7-0 | 1 3/4 | | HMD | STE | L | PS | 16 | A-60 | PRI | B | | 02 |
| 101C/ 101C | PUMPS TO CHLORINATION 101 | 1 | SGL | LH | 3-0 | 7-0 | 1 3/4 | | HMD | STE | L | PS | 18 | A-60 | PRI | C | | 04 |
| 102 (A) 102 | EXTERIOR FROM PUMPS 102 | 1 | PR | RHR | 3-0 | 7-0 | 1 3/4 | | HMD | STE | L | PS | 16 | A-60 | PRI | C | | 03 |
| 102 (V) 102 | | | PR | LHR | 3-0 | 7-0 | 1 3/4 | | HMD | STE | L | PS | 16 | A-60 | PRI | C | | 03 |
| 103A (A/ 103A | EXTERIOR FROM MCC 103 | 1 | PR | RHR | 3-0 | 7-0 | 1 3/4 | | HMD | STE | L | PS | 16 | A-60 | PRI | C | | 03 |
| 103A (V/ 103A | | | PR | LHR | 3-0 | 7-0 | 1 3/4 | | HMD | STE | L | PS | 16 | A-60 | PRI | C | | 03 |
| 103B/ 103B | PUMPS 102 FROM MCC 103 | 1 | SGL | LHR | 3-0 | 7-0 | 1 3/4 | | HMD | STE | L | PS | 18 | A-60 | PRI | C | | 05 |



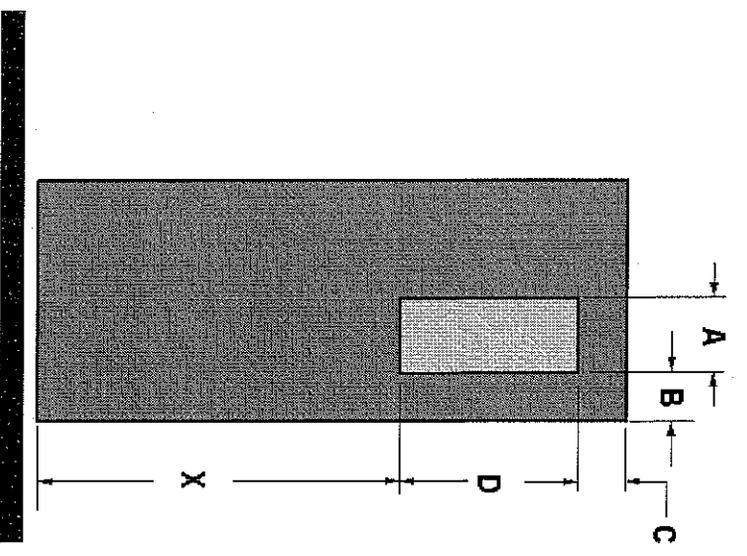
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RE-USE WATER PUMP STATION
TO SERVE SPIRIT AEROSYSTEMS
Control No. 1490
JC-RE-USEWPS
Submitted By: JEFF COCKING

A: 24
 B: 6
 C: 8
 D: 34



A: 6
 B: 6
 C: 8
 D: 36



B
 101B

C
 101C, 102, 103A, 103B



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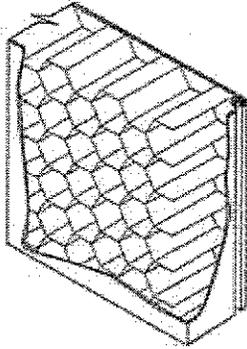
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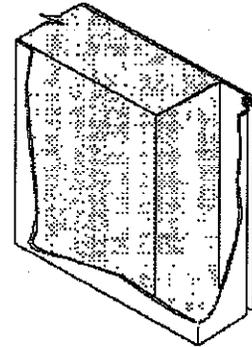
Rigid Honeycomb



Standard Laminated Honeycomb Core

- 1" (25mm) cell, 99 pound Kraft honeycomb
- Honeycomb surfaces sanded for maximum adhesion
- Impregnated with phenolic resin (resists mildew and vermin)
- Laminated to both face sheets with contact adhesive
- Assembled door is run through high pressure pinch rollers, achieving ultimate bond

Optional cores are polystyrene or polyurethane

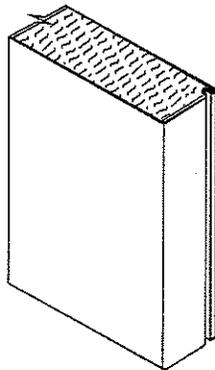


Optional Polystyrene Core

- 1 pound (453.6g) per ft³ density slab
- Laminated to both face sheets with contact adhesive
- Labeled applications

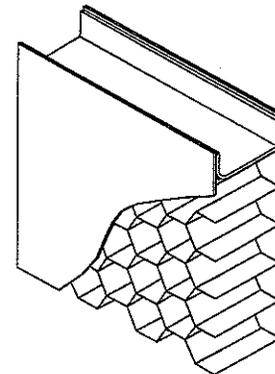
Optional Polyurethane Core

- 1.8 pound (816.5g) per ft³ density slab
- Laminated to both face sheets with contact adhesive
- Non-Labeled applications



Standard Premium Edge Construction

- Beveled hinge & lock edges
- Full height mechanical interlock with epoxy adhesive
- Visible edge seam standard
- Seamless edge optional



Standard Rigid 14 Gage End Channel Construction

- 14 gage inverted galvanized top & bottom channels
- Projection welded to both face sheets
- Optional 24 gage galvanized top caps

DOOR APPLICATION AND USAGE

| Series | Steel Thickness | Opening | Usage Frequency | |
|--------|-----------------|------------------------------|------------------|---|
| L20 | 20 Ga (0.8mm) | Interior - Cold Rolled Steel | Standard Duty | Light Commercial applications with minimal use and abuse |
| L20 | 20 Ga (0.8mm) | Exterior - Galvanized Steel | | |
| L18 | 18 Ga (1.0mm) | Interior - Cold Rolled Steel | Heavy Duty | Heavy Commercial & Institutional applications with high use |
| L18 | 18 Ga (1.0mm) | Exterior - Galvanized Steel | | |
| L16 | 16 Ga (1.3mm) | Interior - Cold Rolled Steel | Extra Heavy Duty | Extra Heavy Commercial applications with potential of very high use |
| L16 | 16 Ga (1.3mm) | Exterior - Galvanized Steel | | |
| L14 | 14 Ga (1.7mm) | Interior - Cold Rolled Steel | Maximum Duty | Extra Heavy Commercial applications with extremely high use |
| L14 | 14 Ga (1.7mm) | Exterior - Galvanized Steel | | |