

**Resolution Authorizing a Contract with Steven Walker DBA Steve's Brick & Block to Remove and Replace the Fire Doors in the Gold Room of the James R. Cousins Jr. Municipal Center
R-08-2016**

**City Council of the City of Glenarden, Maryland
2015 Legislation**

Resolution No: R-08 -2015
Introduced By: Maxine Phifer, Council President
Co-Sponsors: At the Request of the Administration
Session: Regular Session
Date of Introduction: October 13, 2015

Resolution to Authorize a Contract to Remove and Replace the Fire Doors in the Gold Room of the James R. Cousins Jr. Municipal Center

WHEREAS, the City Council of the City of Glenarden (the "City Council") has determined that it is in the public interest to maintain fire safety in the government facilities of the City of Glenarden (the "City"); and

WHEREAS, the Prince Georges County Fire/EMS Department Fire Prevention Unit (the "Fire Prevention Unit") recently performed a fire inspection of the James R. Cousins Jr. Municipal Center (the "Municipal Center"); and

WHEREAS, the City received a Correction Order from the Fire Prevention Unit requiring the replacement of the fire doors in the Gold Room of the Municipal Center before the next inspection; and

WHEREAS, if the City engages in a formal competitive bidding process as required by Section 818 of the City Charter, the City will be unable to procure the necessary material and labor to the replace the fire doors in the Gold Room of the Municipal Center before the Fire Prevention Unit's re-inspection; and

WHEREAS, the City Council has solicited quotations from multiple competent and duly qualified and licensed vendors for the necessary materials and labor to replace the fire doors in the Gold Room of the Municipal Center; and

WHEREAS, the City has obtained a quotation from Steven Walker DBA Steve's Brick & Block ("Steve Walker") to provide the materials and labor to replace the fire doors in question for consideration in the amount of Twenty-Eight Thousand Dollars (\$28,000.00); and

WHEREAS, the proposal from Steven Walker for the work is attached hereto as Exhibit A, and includes specifically, but is not limited to, the work and material contained in the Specifications, attached hereto as Exhibit B"; and

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R-08-2015**

1 **WHEREAS**, based on the quotations received, the City Council has no reasonable
2 expectation that a formal competitive bid process will yield a lower price for the material and
3 services; and
4

5 **WHEREAS**, due to the necessity to complete the required repairs immediately in order to
6 comply with the order of the Fire Department Unit, the City Council has determined that an
7 emergency exists that justifies an exception, under Section 826 of the City Charter, to the
8 competitive bidding requirements set forth in Section 818 of the City Charter.
9

10 **NOW, THEREFORE, BE IT RESOLVED, by the City Council of the City of Glenarden,**
11 **Maryland sitting in Regular Session this 13th day of October, 2015 as follows:**
12

- 13 1. That an emergency exists that justifies an exception to the competitive bidding process
14 otherwise required by Section 818 of the Charter to protect the public health, safety and
15 welfare by ensuring that the Gold Room complies with the requirements of the fire
16 inspection.
17
- 18 2. That the Mayor be and he is hereby authorized to sign a contract in a form acceptable to the
19 City Attorney with Steven Walker DBA Steve's Brick & Block in the amount of Twenty-
20 Eight Thousand Dollars (\$28,000.00); and
21
- 22 3. That the contract amount shall be paid from the Gold Room Fund.
23
- 24 4. This Resolution shall take effect immediately upon adoption.
25

26 Date Approved: October 13, 2015 **City Council of the City of Glenarden**
27
28

29 ATTEST:

30
31
32 Toni Taylor
33 Toni Taylor, Council Clerk
34

35
36
37 Maxine E. Phifer
38 Maxine Phifer, President, At Large
39

40
41 James Herring
James Herring, Vice Chair, Ward II

Abstain
Elaine A. Carter, Councilwoman, Ward II

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R-08-2015**

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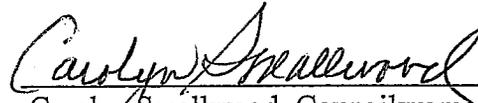
Judy Diggs, Councilwoman, At Large



Deborah A. Eason, Councilwoman, Ward II



Jennifer Jenkins, Councilwoman, Ward III



Carolyn Smallwood, Councilwoman, Ward I

Votes:

Yes	<u>5</u>
No	<u>1</u>
Abstain	<u>1</u>

Approved as to form and legal sufficiency this _____ day of _____, 2015:

Elissa D. Levan, City Attorney

AGREEMENT

THIS AGREEMENT is entered into this _____ day of October, 2015, by and between the City of Glenarden, Maryland ("the City"), a municipal corporation of the State of Maryland, and Steven Walker DBA Steve's Brick & Block ("the Contractor"), a sole proprietorship with its principle place of business at 1112 Figi Avenue, Hyattsville, Maryland 20785.

In consideration of the mutual covenants and obligations contained herein, the sufficiency of which is hereby acknowledged, the City and the Contractor hereby agree as follows:

1. **Services Provided:** The Contractor shall provide the following services for the City:

Remove and Replace the Fire Doors in the Gold Room of the James R. Cousins Jr.

Municipal Center, including supply, installation, and removal of all items identified in the

Contractor's Bid Proposal ("the Services"). All Services shall comply with all applicable

federal, State and local law, including but not limited to the Americans with Disabilities Act (ADA) and any regulations governing the receipt of any federal or State grant funds disbursed

with respect to the Services, including but not limited to all laws and regulations of the Maryland Department State Police, Fire Prevention Commission. The Services shall be provided as

detailed in the Contract Documents listed below, which are attached hereto collectively as

Appendix A and incorporated herein by reference:

- (1) Contractor's Quotation for Services
- (2) Notice of Award
- (3) Insurance Certificate
- (4) Equal Opportunity Employer Form
- (5) Specifications

The Contractor shall begin work on or before October ____, 2015 and shall complete performance of the Services within _____ () days. The City retains the right to reduce the scope of the Services as the City in its sole discretion determines the City's best

interests may require. It is understood by the parties hereto that time is of the essence in the completion of the Services.

2. **Fees:** The City hereby agrees to pay the Contractor as full consideration for the Contractor's satisfactory performance of its obligations under this Agreement an amount not to exceed Twenty-Eight Thousand dollars (\$28,000.00), payable in a lump sum within thirty days of receipt of an invoice from the Contractor following conclusion of the services and acceptance of the materials and services as satisfactory by the City.

3. **Binding Effect of Agreement:** This Agreement shall be binding upon all parties hereto and their respective heirs, executors, administrators, successors and assigns.

4. **Other Payments, Taxes, Expenses:** Except as may be specifically agreed upon by the parties in writing, the Contractor shall be entitled to no fees, bonuses, contingent payments, or any other amount in connection with the services to be rendered or materials provided hereunder. The parties hereto further agree that the City shall have no obligation to reimburse, pay directly or otherwise satisfy any expenses of the Contractor in connection with the performance of his obligations under this Agreement, including, but not limited to, the cost of any insurance or license fees.

It is expressly understood and acknowledged by the parties hereto that the fees payable hereunder shall be paid in gross amount, without reduction for any Federal or State withholding or other payroll taxes, or any other governmental taxes or charges. The parties hereto further recognize that the Contractor is an independent contractor of the City and is therefore responsible for directly assuming and remitting any applicable Federal or State withholding taxes, estimated tax payments, or any other fees, taxes or expenses whatsoever. In the event that the Contractor is deemed not to be an independent contractor by any local, state or federal government agency, the

Contractor agrees to indemnify and hold harmless the City for any and all fees, costs and expenses, including but not limited to, attorneys' fees, incurred thereby.

5. Insurance: The Contractor covenants to maintain all applicable insurance the amounts set forth herein. The Contractor further agrees to provide evidence of such insurance within ten (10) days from notice of award. The Certificates of Insurance shall provide that the City shall be given at least thirty (30) days prior written notice of the cancellation of, intention not to renew, or material change in the coverage. Contractor must provide Certificates of Insurance to the City before commencing any work pursuant to this Agreement. All insurance must name the City as an additional insured, not just a certificate holder.

PROVISION OF ANY INSURANCE REQUIRED HEREIN DOES NOT RELIEVE THE CONTRACTOR OF ANY OF THE RESPONSIBILITIES OR OBLIGATIONS ASSUMED BY THE CONTRACTOR IN THE CONTRACT AWARDED, OR FOR WHICH THE CONTRACTOR MAY BE LIABLE BY LAW OR OTHERWISE.

A. **Workers' Compensation Insurance:** Contractor shall comply with the requirements and benefits established by the State of Maryland for the provision of Workers' Compensation Insurance.

B. **Comprehensive General Liability Insurance:** The Contractor shall provide general liability insurance in the amount set forth herein. Coverage shall include completed operations and contractual liability coverage and shall be issued on an occurrences basis.

(1) Personal injury liability insurance with a limit of \$1,000,000.00 for each occurrence and \$1,000,000.00 aggregate, where insurance aggregates apply;

(2) Property damage liability insurance with limits of \$250,000.00 for each occurrence and \$500,000.00 aggregate, where aggregates apply.

C. Automobile Liability Insurance. The Contractor shall provide motor vehicle insurance meeting the requirements of Maryland law and covering every vehicle and driver involved in providing the services, in the following amounts:

(1) Bodily injury liability with limits of \$500,000.00 each person and \$1,000,000.00 each accident;

(2) Property damage liability with a limit of \$100,000 each accident.

6. **Doing Business in Maryland:** The Contractor warrants and represents that (1) if it is a corporate entity, it is either (a) incorporated in Maryland or (b) registered or qualified by the Maryland State Department of Assessments and Taxation (SDAT) as required by the Maryland Annotated Code, Corps. & Assocs. Article, to do business in Maryland and (2) it is in good standing with SDAT and has paid all taxes (including but not limited to income, real property, and personal property taxes) due the State of Maryland or any other governmental entity.

7. **Compliance with Laws:** The Contractor shall, without any additional expense to the City, be responsible for complying with any and all applicable laws, codes and regulations in connection with the services provided by the Contractor, including but not limited to obtaining any licenses required by the Contractor to perform the services herein contracted for.

8. **Indemnification:** The Contractor shall be responsible for and indemnify, defend and hold the City harmless from and against any and all claims or judgments for loss, personal injury and/or property damage that may be suffered as a result of the Contractor's negligence or willful misconduct in the Contractor's performance of the Services or for any failure of the materials supplied under this Agreement or for any failure by the Contractor to perform the obligations of this Agreement. This indemnification includes, but is not limited to, attorneys' fees and any cost incurred by the City in defending any such claim.

9. **Not Assignable:** The Contractor shall not assign or transfer any interest or claim under this Agreement except as may be agreed upon and authorized in writing by the City and no contract shall be made by the Contractor with any other party for furnishing any of the services herein contracted for without the prior approval of the City.

10. **Relief:** In the event of a breach or a threatened breach by the Contractor of any provision of the Agreement, the Contractor recognizes the substantial and immediate harm that a breach or threatened breach will impose upon the City, and further recognizes that in such event monetary damages will be inadequate to fully protect the City. Accordingly, in the event of a breach or threatened breach of this Agreement, the Contractor consents to the City's entitlement to such ex parte, preliminary, interlocutory, temporary or permanent injunctive, or any other equitable relief, protecting and fully enforcing the City's rights hereunder and preventing the Contractor from further breaching any of his obligations set forth herein. The Contractor expressly waives any requirement based on any statute, rule of procedure, or other source, that the City post a bond as a condition of obtaining any of the above-described remedies. Nothing herein shall be construed as prohibiting the City from pursuing any other remedies available to the City at law or in equity for such breach or threatened breach, including the recovery of damages from the Contractor.

11. **City's Right to Terminate:** This Agreement may be terminated immediately by the City upon written notice in whole or in part, when the City, in its sole and absolute discretion, determines such action to be in its best interests. Upon such termination, the City shall be liable to the Contractor only for payment for services actually provided prior to the effective date of the termination. The Agreement shall be terminated under this Section whenever adequate funds

If to Contractor, to: Steven Walker
DBA Steve's Brick & Block
1112 Figi Avenue
Hyattsville, Maryland 20785
301-440-7766
Fax: 301-271-9239

IN WITNESS WHEREOF, on the date hereinabove set forth, the parties hereto have executed this Agreement in two duplicate originals, any one of these shall be adequate proof of this Agreement without locating or accounting for the other.

WITNESS: STEVEN WALKER DBA STEVE'S
BRICK & BLOCK

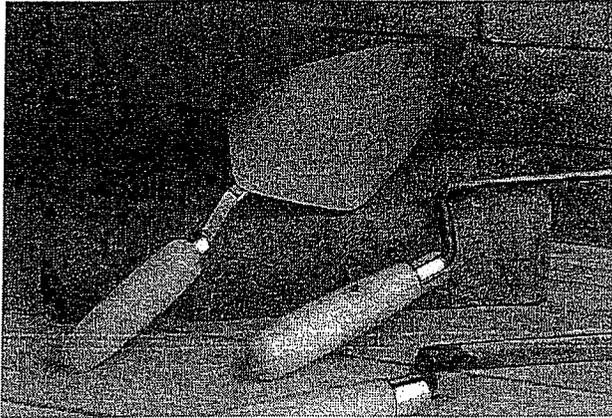
BY: _____
Steven Walker

WITNESS: CITY OF GLENARDEN, MARYLAND

BY: _____
M. Toni Taylor, City Clerk Dennis Smith, Mayor

Approved as to Form and Legal Sufficiency:

Date: _____
Elissa D. Levan, City Attorney



STEVEN WALKER
301-440-7766

Date: September 24, 2015 Proposal # COG8600

City of Glenarden
8600 Glenarden Parkway
Glenarden, Maryland 20706

Removing four double doors and one single door
Reinstalling four double, fire rated doors and one single fire, rated door
Reframing doors and grouting
Hauling away debris
Worked performed at the James R. Cousins Jr. Municipal Center

\$28,000.00

(Twenty Eight Thousand Dollars)

***Payment will be received in 15 days from completion*

All material is guaranteed to be as specified and the above work to be performed in a professional workmanlike manner.

Any alterations or deviations from above specifications involving extra cost will be executed only upon written agreement and at an additional charge. All agreements are contingent upon strikes, weather or any other delays that are beyond our control.

The above prices and specifications are satisfactory and are hereby accepted. You authorize Steve Walker to do the above work as specified. Payments will be made as outlined above.

Signature: _____ Date: _____

Signature: _____ Date: _____

DORMA 8000 SERIES EXIT DEVICES WITH DEADLOCKING LATCH BOLTS

DORMA 8000 Series Exit Devices minimize forced entry while offering a low-cost solution to life safety requirements.

Certification

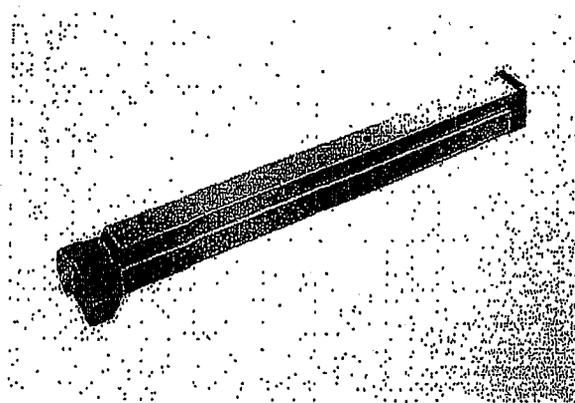
- Certified/listed to ANSI/BHMA 156.3, Grade 1 for exit devices.
- U.L. and C.U.L. listed under their continuing reinspection programs and conforms to standards U.L. 10C positive pressure testing.
- Complies with NFPA 101 life safety code. Fire rated devices comply with NFPA 80 fire doors and windows.
- Devices, trim, pulls, and levers comply with the Americans for Disabilities Act, 1994, and ANSI 117.1-2003 for accessible and usable buildings and facilities.
- Contributes to U.S. Green Building Council, LEED MR Credits 2.1, 4.1, 4.2, and 5.1.
- Listed with the California Department of Forestry and Fire Protection, Office of the State Fire Marshal.
- Hurricane code approved to Miami-Dade County Florida acceptance No. 06-912.04.

Specifications

All exit devices shall be DORMA 8000 Series rim, surface vertical rod or surface vertical rod "less bottom rod" devices. All device touchbars, rails, and integral parts shall be constructed of solid steel with ABS thermoplastic end caps and covers. Non-labeled units to have hex-key dogging standard. Fire rated versions shall be available for labeled applications. All surface vertical rod devices shall have pullman type latch bolts for the top latch with a round slide bolt bottom latch. All units shall offer trim options ranging from no trim, exit only blank trim, entrance by trim when touchbar is dogged, entrance when latch bolt is retracted by key, and entrance by lever set with a key to lock and unlock lever. Device touchbar, rail, and rods shall be available with a powder coated finish or base material stainless steel.

Optional Specifications

- Non-labeled devices to have cylinder dogging. Mortise cylinder included.
- All surface vertical rod devices to have pullman type bottom latch bolt.
- All surface vertical rod devices to have extended top rod.
- All surface vertical rod devices to be available less bottom rod.
- Devices to have monitor switch in the touchbar to provide local and/or remote notification when the touchbar is depressed.
- Devices to have electric bolt retraction to provide remote access from the secure side of the door. Can also be used in conjunction with an automatic door operator.
- Devices to have latch monitor for monitoring the latch bolt status.
- Devices to have one of the following exit alarm options: battery powered exit alarm, battery powered exit alarm with a four minute reset, or direct wired exit alarm.
- Devices to use a glass lite shim kit to raise the device from the door surface and avoid glass lite molding.
- All labeled wood or composite door devices must use sex bolts.



Exit Device Finishes

NOTE: All Exit Device Finishes are powder coated except 630 (Satin Stainless), which is manufactured from stainless steel base materials. Covers and end caps are black ABS thermoplastic.

Powder Coated Finishes

Aluminum: 689.
Bronze: 691 (Dull) or 695 (Dark Duranodic).
Black: 693.
Gold: 696.
Clear Powder Coating: Specify P.

Trim Finishes

NOTE: All trim is powder coated to match exit device, except K and R trims on 689 (Aluminum) or 630 (Satin Stainless) exit devices, which are furnished in 626 (Satin Chrome) or 689 (Aluminum).

Powder Coated Finishes

Aluminum: 689.
Bronze: 691 (Dull) or 695 (Dark Duranodic).
Black: 693.
Chrome: 626 (Satin).
Gold: 696.
Clear Powder Coating: Specify P.

Antimicrobial Protected Coating
Specify AM.

Warranty

For details, refer to **Limited Warranty Policy** in the current DORMA Price List.

DORMA USA quality and environmental management systems in Rearrstown, PA and Steelville, IL are certified to ISO 9001:2008 and ISO 14001:2004.



- Options**
(BPA) Battery Powered Exit Alarm
(BPAR) Battery Powered Exit Alarm, (4) minute reset
(DWA) Direct Wired Exit Alarm
(CD) Cylinder Dogging
(ES) Latch Retraction
(ETR) Top Rod Extension – vertical rod only
(GK8000) Glass Lite Shim Kit
(LB) Less Bottom Rod – vertical rod only
(LM) Latch Monitor
(MS) Monitor Switch
(PB) Pullman Bottom Latch – vertical rod only
(SNB) Sex Nuts – specify quantity
(R) Rigid Trim
(HC) Hurricane Code Rated

Features	Model 8300	Model 8400
U.L. Listed for Hazard	•	•
U.L. Listed for Labeled Fire Doors (prefix F)	•	•
Size "A" Doors 34" – 48" Wide	•	•
Size "B" Doors 28" – 36" Wide	•	•
Size "C" Doors 22" – 36" Wide	•	•
Door Height up to 7'	NA	•
Door Height up to 8'	NA	○
Door Height up to 10' (specify ETR)	NA	○
Door Thickness 1-3/4" to 2-1/4"	•	•
Device Non-Handed	•	NA
Device Handed but Field-Reversible	NA	•
Rigid Trim (specify suffix R)	•	•
Hex Key Dogging (nonfire-rated units only)	•	•
Cylinder Dogging (nonfire-rated units only)	•	•
Round Bottom Slide Bolt (specify SB)	NA	•
Deadlocking Pullman Type Bottom Latch Bolt (specify PB)	NA	○
Less Bottom Rod (specify LB)	NA	○
Glass Lite Shim Kit (specify GK8000)	•	•
Electric Latch Bolt Retraction (specify ES)	•	•
Monitor Switch in Touchbar (specify MS)	•	•
Latch Monitor (specify LM)	•	•
Exit Alarm (specify BPA, BPAR or DWA)	•	•
Sex Nuts (specify SNB/Quantity)	•	•
Hurricane Code Rated (specify HC)	•	•

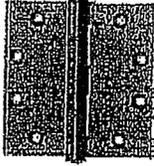
• – Standard Feature ○ – Optional Feature NA – Not Applicable

ANSI Function	Function Description	Type 1 Rim Exit Device	Type 2 Surface Vertical Rod Exit Device
01	Exit Only – No Trim.	8300 or F8300	8400 or F8400
02	Entrance by trim when actuating bar is locked down.	8300 x (trim) 8PDT/8P02/8ODTP R02R/CO2R PTS02/PRS02	8400 x (trim) 8PDT/8P02/8ODTP R02R/CO2R PTS02/PRS02
03	Entrance by trim when latch bolt is retracted by key. Key removable only when locked.	8300 or F8300 x (trim) 8P02/8P03/8P03/8P03P K03/K03J/R03/R03J/CO3/CO3J/G03/G03J NPS03/PTS03/PRS03	8400 or F8400 x (trim) 8P02/8P03/8P03/8P03P K03/K03J/R03/R03J/CO3/CO3J/G03/G03J NPS03/PTS03/PRS03
04	Entrance by trim when latch bolt is retracted by key or set in retracted position by key.	CD8300 x (trim) 8P02/8P03/8P03/8P03P K03/K03J/R03/R03J/CO3/CO3J/G03/G03J NPS03/PTS03/PRS03	CD8400 x (trim) 8P02/8P03/8P03/8P03P K03/K03J/R03/R03J/CO3/CO3J/G03/G03J NPS03/PTS03/PRS03
05	Entrance by thumbpiece. Key locks or unlocks thumbpiece.	8300 or F8300 x (trim) HTS05/HRS05	8400 or F8400 x (trim) HTT05/HRT05
06	Entrance by thumbpiece only when released by key. Key removable only when locked.	8300 or F8300 x (trim) HTS06/HRS06	8400 or F8400 x (trim) HTT06/HRT06
08	Entrance by lever or knob. Key locks or unlocks knob or lever.	8300 or F8300 x (trim) K08/K08J/R08/R08J/CO8/CO8J/G08/G08J	8400 or F8400 x (trim) K08/K08J/R08/R08J/CO8/CO8J/G08/G08J
22	Entrance by thumbpiece (no cylinder). Trim always active.	8300 or F8300 x (trim) HTS22/HRS22	8400 or F8400 x (trim) HTT22/HRT22
23	Entrance by lever or knob (no cylinder). Trim always active.	8300 or F8300 x (trim) R23/C23/K23/G23	8400 or F8400 x (trim) R23/C23/K23/G23

ARCHITECTURAL HINGES



FIVE KNUCKLE HINGES (CONTINUED)



BB1191
Ball Bearing - Standard Weight
 Brass with stainless steel pin
 (ANSI A2112) or stainless steel with
 stainless steel pin (ANSI A5112)

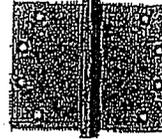


BB1279
Ball Bearing - Standard Weight
 Steel with steel pin (ANSI A8112)



- Two ball bearings
- Non-rising removable pin with button tip and plug
- 5" x 5" (127 mm x 127 mm) and 4-1/2" x 4-1/2" (114 mm x 114 mm) BB1279 available with two different leaf sizes
- 3-1/2" x 3-1/2" (89 x 89 mm) BB1279 available with reversible hole pattern
- For use on medium weight doors or doors requiring medium frequency service

Hinge Size	Inches	mm	Gauge of Metal	Hole Count	Screw Size	
					Machina	Wood
3-1/2 x 3-1/2		89 x 89	0.119	6	1/2 x 10-24	1 x 9
4 x 4		102 x 102	0.129	8	1/2 x 12-24	1-1/4 x 12
4-1/2 x 4		114 x 102	0.134	8	1/2 x 12-24	1-1/4 x 12
4-1/2 x 4-1/2		114 x 114	0.134	8	1/2 x 12-24	1-1/4 x 12
5 x 4		127 x 102	0.145	8	1/2 x 12-24	1-1/4 x 12
5 x 4-1/2		127 x 114	0.145	8	1/2 x 12-24	1-1/4 x 12
5 x 5		127 x 127	0.145	8	1/2 x 12-24	1-1/4 x 12
6 x 4-1/2		152 x 114	0.160	10	1/2 x 1/4-20	1-1/2 x 14
6 x 5		152 x 127	0.160	10	1/2 x 1/4-20	1-1/2 x 14
6 x 6		152 x 152	0.160	10	1/2 x 1/4-20	1-1/2 x 14



WTBB1191
Ball Bearing - Standard Weight - Wide Throw
 Brass with stainless steel pin
 (ANSI A2112) or stainless steel with
 stainless steel pin (ANSI A5112)

WTBB1279
Ball Bearing - Standard Weight - Wide Throw
 Steel with steel pin (ANSI A8112)

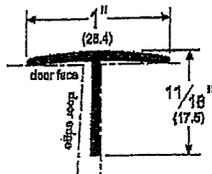
- Wide throw
- Two ball bearings
- Non-rising removable pin with button tip and plug
- For use on medium weight doors or doors requiring medium frequency service

Hinge Size	Inches	mm	Gauge of Metal	Hole Count	Screw Size	
					Machina	Wood
3-1/2 x 5		89 x 127	0.119	6	1/2 x 10-24	1 x 9
3-1/2 x 6		89 x 152	0.119	6	1/2 x 10-24	1 x 9
4 x 5		102 x 127	0.129	8	1/2 x 12-24	1-1/4 x 12
4 x 6		102 x 152	0.129	8	1/2 x 12-24	1-1/4 x 12
4 x 7		102 x 178	0.129	8	1/2 x 12-24	1-1/4 x 12
4-1/2 x 5		114 x 127	0.134	8	1/2 x 12-24	1-1/4 x 12
4-1/2 x 6		114 x 152	0.134	8	1/2 x 12-24	1-1/4 x 12
4-1/2 x 7		114 x 178	0.134	8	1/2 x 12-24	1-1/4 x 12
4-1/2 x 8		114 x 203	0.134	8	1/2 x 12-24	1-1/4 x 12
5 x 6		127 x 152	0.145	8	1/2 x 12-24	1-1/4 x 12
5 x 7		127 x 178	0.145	8	1/2 x 12-24	1-1/4 x 12
5 x 8		127 x 203	0.145	8	1/2 x 12-24	1-1/4 x 12

"T" and Overlapping Astragals

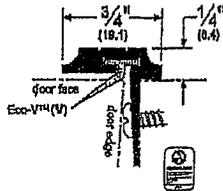
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AVAILABLE FINISHES:
A, BDG, D
• Supplied with weatherstrip nails for installation



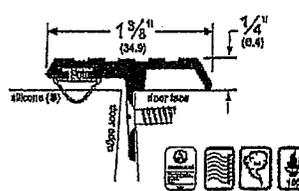
356_V

AVAILABLE FINISHES:
A, BDG, D, PW, SN
REPLACEMENT INSERT:
EV17 (BL, GR, W)
• Countersink drilling with countersunk flathead screws also available upon request at no extra charge



355_S

AVAILABLE FINISHES:
B, BDG, C, D, G, PW, SN
REPLACEMENT INSERT:
S4 (BL, GR)



Alternate Inserts For 355

355_V

AVAILABLE FINISHES:
B, BDG, C, D, G, PW, SN
REPLACEMENT INSERT:
EV7 (BL, GR, W)



355_P

AVAILABLE FINISHES:
B, BDG, C, D, G, PW, SN
REPLACEMENT INSERT:
P2 (BL, GR)



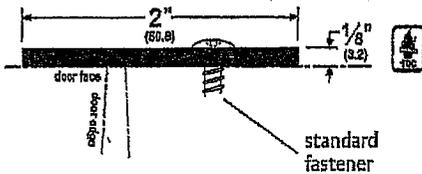
357

357_ND

AVAILABLE FINISHES:
C, D, G, SP, SS (#4 Finish & #4 Edge)

11 GAUGE

- "ND" denotes "no drill" (unless specified "ND", astragals are drilled)
- Standard fastener is #10 x 1" Truss Head SMS
- Lead-line option available

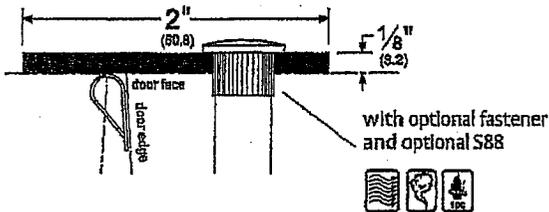


357_ with S88

AVAILABLE FINISHES:
SP, SS (#4 Finish & #4 Edge)

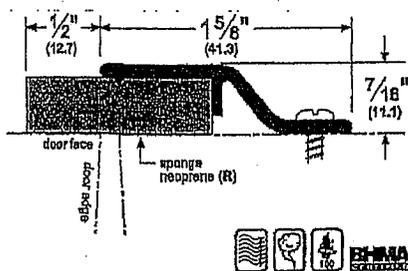
11 GAUGE

- Standard fastener is #10 x 1" Truss Head SMS
- 1/4" - 20 machine screws and thru-bolts must be ordered separately at additional cost
- S88 seal must be ordered separately at an additional cost, if required
- If specifications state that an astragal is required to satisfy a fire and / or smoke opening, then a thru-bolting 357SP or SS in conjunction with S88 seal is the only configuration that can be used.



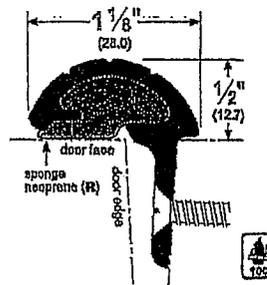
375_R

AVAILABLE FINISHES: B, C, D, G
REPLACEMENT INSERT: R4 (BL)
ANSI: R3C634, R3C635



352_R

AVAILABLE FINISHES: C, D, G
REPLACEMENT INSERT: R8 (BL)
For reverse bevel doors



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE (see General Information section for finish chart)
A (Mill Finish Aluminum) B (Mill Finish Extruded Bronze [Brass]) BDG (Bright Dip Gold Anodized) C (Clear Anodized)
D (Dark Bronze Anodized) G (Gold Anodized) PW (Painted White) SN (Satin Nickel Anodized) SP (Galvanized Steel)
SS (See Individual Part) Special Finishes available upon request

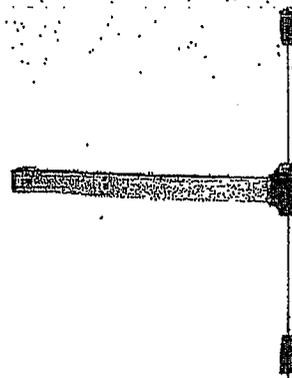
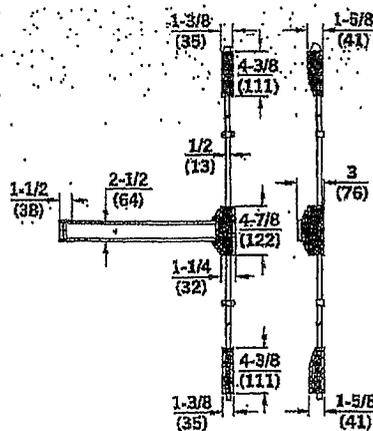
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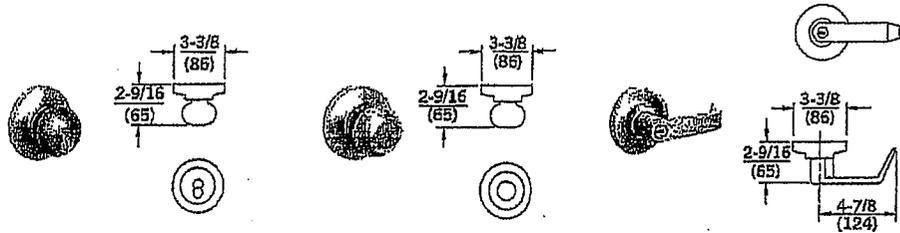
ASSA ABLOY

The global leader in
door opening solutions

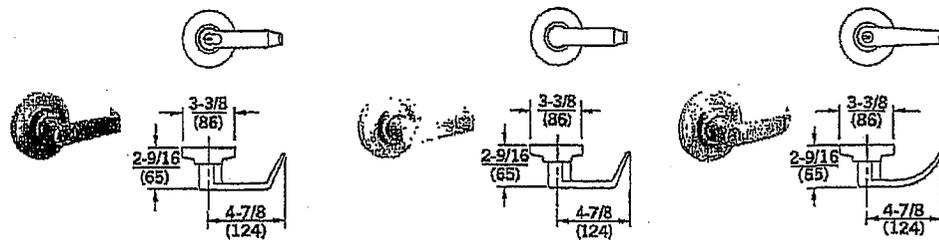
8400 EXIT DEVICE

Model Number	Función	Operation	Trim Model Numbers											
8400 F8400	01	Exit Only (no trim)												
8400 F8400	DT	Dummy Trim	80DT		NPSDT									
8400	02	Entrance by trim when actuating bar is locked down.	8P02		8PDT		PRS02		PRT02		R02R		C02R	G02R
8400 F8400	03	Entrance by trim when latch bolt is retracted by key. Key removable only when locked.	8P02		8003		NPS03		K03		R03		R03J	G03
			8003P		8P03		PRS03		PTS03		C03	G03	C03J	G03J
CD8400	04	Entrance by trim when latch bolt is retracted by key or set in a retracted position by key.	8P02		8003		NPS03		K03		R03		R03J	G03
			8003P		8P03		PRS03		PTS03		C03	G03	C03J	G03J
8400 F8400	05	Entrance by thumbpiece. Key locks or unlocks thumbpiece.							HRS05		HTS05			
8400 F8400	06	Entrance by thumbpiece only when released by key. Key removable only when locked.							HRS06		HTS06			
8400 F8400	08	Entrance by lever or knob. Key locks or unlocks lever or knob.							K08		R08		C08	G08
									K08J		R08J		C08J	G08J
8400	22	Entrance by thumbpiece (no cylinder). Trim always active.							HRS22		HTS22			
8400 F8400	23	Entrance by lever or knob (no cylinder). Lever or knob always active.							K23		R23		C23	G23



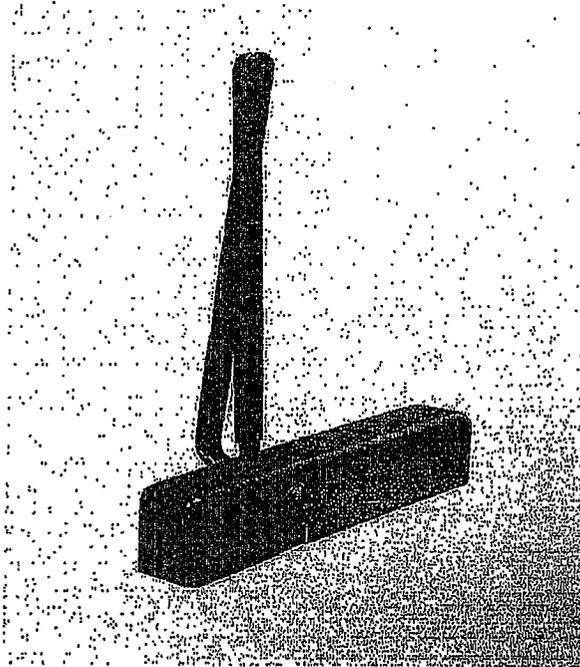


Trim Descriptions	Key-in Knob Interchangeable Core	Knob	Key-in Rectangular Lever
Trim Designation	K08J, K08J	K23	R03, R08
Handing	—	—	—
Function	03 or 08	23	03 or 08
DORMA Cylinder (default)	Accepts SFIC	—	Includes DORMA key-in-lever cylinder 7013SC KD
DORMA Cylinder (optional SFIC)	77BAxx - 7-pin	—	—



Trim Descriptions	Key-in Rectangular Lever Interchangeable Core	Rectangular Lever	Key-in Curved Lever
Trim Designation	R03J, R08J	R02R, R23	003, 005
Handing	—	—	—
Function	03 or 08	02 or 23	03 or 08
DORMA Cylinder (default)	Accepts SFIC	—	Includes DORMA key-in-lever cylinder 7013SC KD
DORMA Cylinder (optional SFIC)	77BAxx - 7-pin	—	—

8600 SERIES SURFACE CLOSERS



Representing the latest in door control technology, designed to exceed the demands of today's buildings.

With features like the full range spring power adjustment, the 8600 Series closer provides the flexibility needed to meet the many demands of commercial and institutional applications, including ADA barrier-free accessibility requirements. This door control is housed in corrosion-resistant aluminum, and features a backcheck positioning adjustment for parallel arm applications, to maintain an ANSI backcheck range similar to regular and top jamb applications. The modern slim cover, flat form arm, and architectural finishes provide the aesthetic qualities required of architectural grade closers.

CONTENTS

	Features and Specifications	4
	How to Order	5
Technical Drawings	Regular x flat form arm (or round form arm)	6
	Regular x friction hold open	7
	Regular x plunger hold open	7
	Regular x cushion IS arm	8
	Regular x spring stop IS arm	8
	Regular x round form arm, narrow profile	9
	Regular x flat form arm (or round form arm) x backplate	9
	Regular x mortised jamb bracket	10
	Top jamb x flat form arm (or round form arm)	10
	Top jamb x friction hold open	11
	Top jamb x cushion IS arm	11
	Top jamb x spring stop IS arm	12
	Top jamb x flat form arm (or round form arm) x backplate	12
	Top jamb x flat form arm (or round form arm) x drop plate	13
	Top jamb x flat form arm (or round form arm) x angle bracket	13
	Parallel arm x flat form arm (or round form arm)	14
	Parallel arm x friction hold open	14
	Parallel arm x plunger hold open	15
	Parallel arm x flat form arm (or round form arm) x DP86 drop plate	15
	Parallel arm x flat form arm (or round form arm) x mortised jamb bracket	16
Parallel arm x flat form arm (or round form arm) x parallel drop bracket	16	

Technical Details

- Available as 8616 closers  for interior and exterior doors. Meets barrier-free requirements (adjustable size 1-6).
- Non-handed for regular, top jamb and parallel arm applications.
- Adjustable backcheck standard. Controls opening motion during abusive or abrupt opening.
- POS backcheck positioning valve (standard) maintains effective backcheck range on parallel arm applications. Valve accessible with closer installed.
- Optional delayed action adjustable with a separate independent valve. Delays door closing to allow unobstructed passage through the opening.
- Slim plastic cover standard. Full plastic or metal cover optional.
- Designed to minimize change in closing speed during severe temperature changes.
- Aesthetically pleasing and easy to adjust steel flat form arm assembly.
- Full complement of optional arms, plates, and brackets available for special applications.
- SNB1 sex nuts and machine screws for 1-3/4" thick doors included standard.
- No slip, octagonal bore spring adjustment standard.
- Available with optional self-drilling screws for steel door and frame applications (DPK86)
- Available with optional self-tapping screws for aluminum door and frame applications (TPK86).

Certifications

- ANSI/BHMA  A156.4 Grade 1 certified.
- UL and CUL listed. 
- Meets UL10C for positive pressure.
- Meets ANSI/BHMA A117.1 and ADA for barrier-free accessibility.
- CSFM approved.

Specification

The architectural grade 8600 Series is a non-handed surface applied door closer with adjustable spring power and backcheck positioning adjustment. Adjustable hydraulic backcheck will take effect at approximately 70°. The 8600 has two independent, noncritical adjustment valves to control sweep and latch closing speeds. The backcheck positioning valve assures an effective ANSI backcheck range on parallel arm applications. All closers to have field adjustable spring power from size 1-6 and meet barrier-free requirements. Closers to have a slim plastic cover and a wide range of arm options. All 8600 fully adjustable spring force door closers to include an integral design to positively stop adjustment of the spring at the minimum and maximum spring force settings.

Optional Specifications

The 8600 Series closer will have delayed action (DA). Delayed action range will be effective from maximum opening to approximately 65°. All 8600 closers to have full metal (FMC) or full plastic (FC) cover. All 8600 closers to have sex nuts with machine screws for 1-3/8" door (SNB2). Closers to have self-drilling screws for steel doors and frames (DPK86). Closers to have self-tapping screws for aluminum doors and frames (TPK86). Closers to have TORX security for all exposed fasteners (TX86).

Finishes

Standard Sprayed Finishes

- Aluminum: 689.
- Bronze: 691 (Dull), 690 (Statuary), or 695 (Dark Duranodic).
- Gold: 696.
- Black: 693.

Optional DORMA Custom Color or Designer Color Finishes Contact Customer Service.

Optional Plated/Architectural Finishes

- Brass: 605 (Bright) or 606 (Satin).
- Bronze: 611 (Bright), 612 (Satin), or 613 (Oxidized Satin Oil Rubbed).
- Nickel: 618 (Bright) or 619 (Satin).
- Chrome: 625 (Bright) or 626 (Satin).
- Stainless: 630 (Satin).

Warranty

For details, refer to DORMA Limited Warranty on our website at go.dorma.com/terms.

REDUCED OPENING FORCE INSTALLATIONS CAUTION

Manual door closers, including those certified to meet ANSI/BHMA A156.4, when installed and adjusted to conform to ADA or other reduced opening force requirements, may not provide sufficient power to reliably close and latch a door.

Refer to catalog for Low Energy Operators to meet reduced opening force requirements without affecting closing power.

Features	8616
Spring size (shipped as size 4)	1-6
Non-handed	•
Parallel arm bracket	•
Full line of specialty function arms and plates	•
Backcheck positioning adjustment (POS)	•
Controlled closing with two adjustment valves	180°-10° 10°-0°
Backcheck	•
Delayed action	◦
Hold open	◦
SNB1 sex nuts for 1-3/4" thick doors included	•
Self-drilling screws (DPK)	◦
Self-tapping screws (TPK)	◦
Tamper-resistant TORX screws (TX)	◦
Slim plastic cover	▪
Full cover (metal or plastic)	◦

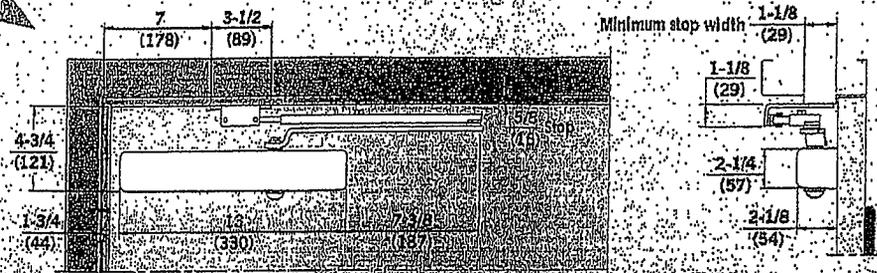
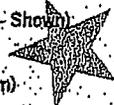
• standard ◦ optional

PARALLEL ARM x FLAT FORM ARM (OR ROUND FORM ARM)

8616-AF86P
(Flat Form Arm - Shown)

8616-ARP
(Round Form Arm)

8616-AOSP
(Round Form Arm)
(PAB bracket furnished standard)



4-1/2" x 4-1/2" Butt Hinges

Minimum door rail for mounting (close 5-1/8" (5/8" stop shown);
Minimum door rail to bottom of optional full cover 6-1/4" (5/8" stop shown).
Backcheck positioning valve in "ON" position.

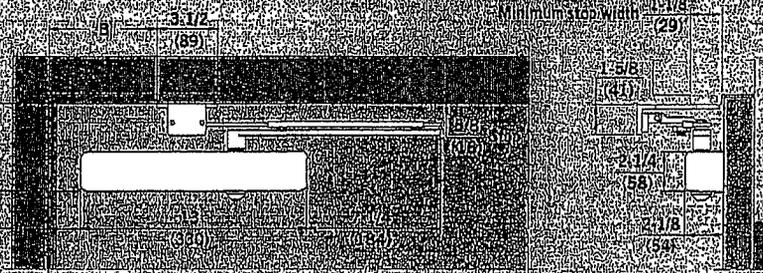


Size Selection Chart

Interior / Exterior	Approx. Max. Door Width	Approx. Max. Door Height	Approx. Max. Door Weight
Interior	2'6"	6'6"	100 lbs
Exterior	2'6"	6'6"	100 lbs

PARALLEL ARM x FRICTION HOLD OPEN

8616-FHP
(PAB bracket furnished standard)



4-1/2" x 4-1/2" Butt Hinges

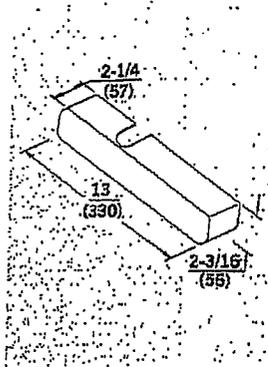
Minimum door rail for mounting (close 5-7/8" (5/8" stop shown);
Minimum door rail to bottom of optional full cover 6-3/8" (5/8" stop shown);
Minimum door rail to bottom of optional full cover 6-3/8" (5/8" stop shown).
Backcheck positioning valve in "ON" position.



Size Selection Chart

Interior / Exterior	Approx. Max. Door Width	Approx. Max. Door Height	Approx. Max. Door Weight	Approx. Delayed Action	Min. Hold Open	Max. Hold Open
Interior	2'6"	6'6"	100 lbs	110°-80°	168"	29"
Exterior	2'6"	6'6"	100 lbs	110°-80°	168"	29"

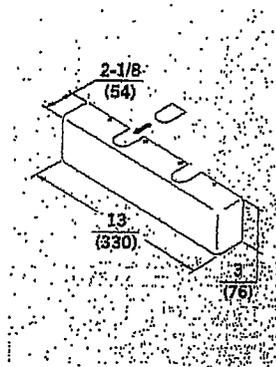
Slim Plastic Cover



COV — Slim plastic cover furnished standard with 8600 Series closers.

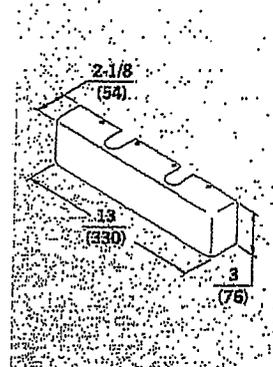


Full Plastic Cover



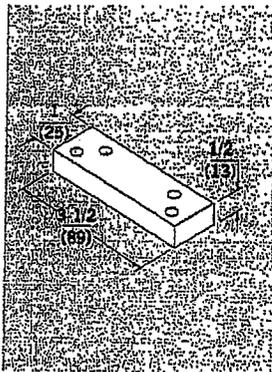
FC — Full plastic cover with interchangeable tab.
FCSL — Full plastic slotted cover with interchangeable tab. Mounting holes slotted for low ceiling conditions.

Full Metal Cover



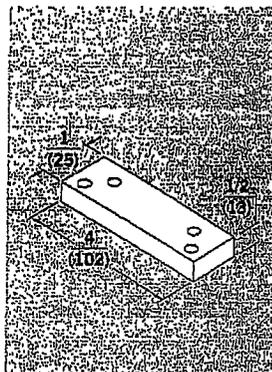
FMC — Full metal cover. Specify hand for top jamb, T track, and FT track applications.

Blade Stop Spacer



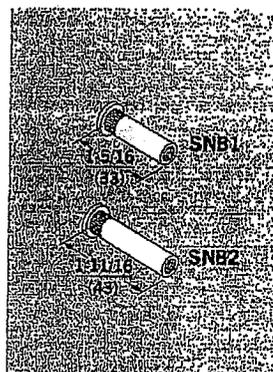
BS — For use with all 8600 Series P86, PD, and PHB applications installed on cased frames with applied blade stops. This block is used to provide adequate clearance for the blade stop.

Heavy-Duty Blade Stop Spacer



BSHD — For use with all 8600 Series DS and SPA applications installed on cased frames with applied blade stops. This block is used in conjunction with the spacer furnished with the arm to provide adequate clearance for the blade stop.

Sex Nuts



SNB1 — Sex nuts with machine screws for 1-3/4" (44 mm) door.
SNB2 — Sex nuts with machine screws for 1-3/8" (35 mm) door.
 Required for use on unreinforced doors and wood or composite labeled fire doors for securely attaching hardware to the door.



National Guard Products, Inc.
PROTECTION, INSIDE OUT

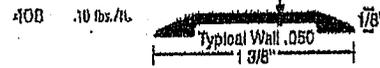
Toll Free Phone 1-800-647-7874
Toll Free Fax 1-800-255-7874

Saddle Thresholds

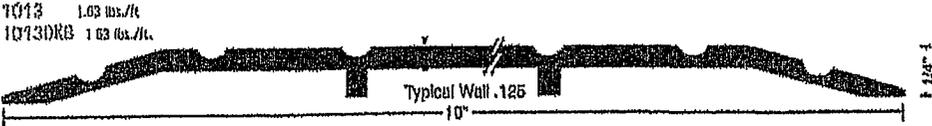
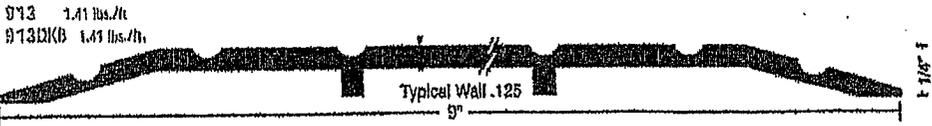
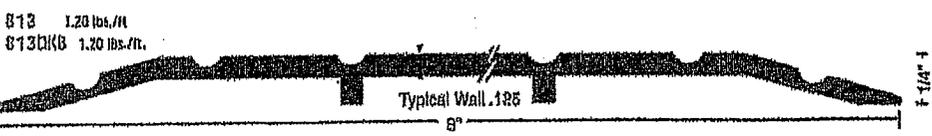
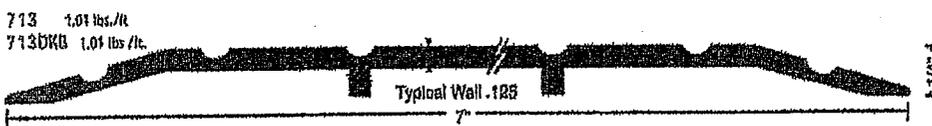
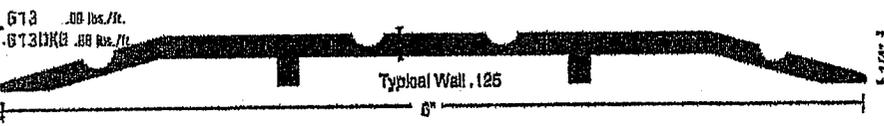
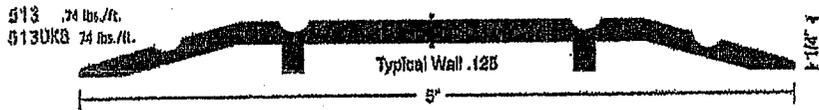
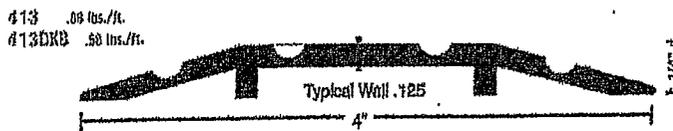
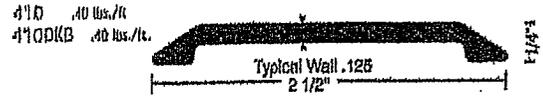




 All thresholds this page.



All drawings are actual size except as noted.



• mill finish aluminum
 • DKD - aluminum dark bronze finish
 NON-SLIP SURFACE
 All thresholds are available with a slip resistant, non-skid surface for better traction. Specify SIA finish.

#10 x 1-1/2" FH zinc plated wood screws are included on mill finish thresholds. Chemically treated stainless steel screws are provided to match DKD finish.

1/2" added to thresholds under 61"
 1" added to thresholds over 61"



Door / Frame Schedule

for

JAMES R COUSINS CENTER
Glen Arden, MD

Architect:

Job Number:

JLC0922151

Contractor:

Steve Brick and Block
MD
USA

Date:

9/23/2015

Supplier:

Baltimore Door and Frame Co., Inc.
2201 Halethorpe Farms Rd
PO Box 7370
Baltimore, MD 21227
(410)737-2000 Fax# (410)737-8466

Prepared By:

Ron Matasio

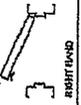
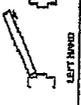
Door / Frame Schedule
4 DOORS

Preamble:

1. Materials shown on these drawings will be fabricated, ordered, and processed only after formal approval by the contractor and architect, and receipt of an approved hardware schedule and all necessary templates.
2. Please notify immediately of any discrepancies or shortages in products shipped. If discrepancies are noted, we must be notified within five (5) days. In the event we are not notified within five days, the cost of replacement will be borne by the contractor.
3. If O & M manuals are required for this project, the contractor must pull and retain for their records, copies of each individual hardware item.
4. Door hardware must be stored in a safe, secure location, preferably in a confined area with limited usage.
5. Hollow metal and wood doors will be undercut 3/4", UNO.
6. Glass and Glazing will be by others, UNO.
7. Doors and frames are to be stored at the building site under cover. Place on 4" wood sills or on the floor in such a manner as to prevent rust and damage. Do not use plastic or canvas that will create a humidity chamber. A 1/4" space between doors is required, to promote circulation of air.
8. All frames and doors will receive a degreaser phosphate treatment and one coat of baked on primer.
9. All frames will be furnished prepared for three rubber silencers per strike jamb for single frames and two per head for pair frames. Silencers are omitted when unitized weather-stripping is furnished.
10. Unless otherwise noted, all doors and frames will be marked with the architect's opening number.
11. Steel spreaders welded to the frames are temporary braces for support during shipping and jobsite handling only. They are to be removed prior to erection of frames and are not to be used as a substitute for squaring and plumbing of the frames. If the spreaders become bent or broken during shipment, this shall not be considered a defect.
12. Hardware locations shall be Pioneer standard locations for 'standard types' of hardware, unless otherwise noted.
13. Doors and frames will be reinforced for surface mounted hardware, as required. Drilling and tapping for surface mounted hardware shall be done by others. Doors and frames will be prepared and reinforced for mortised hardware. Holes or mortised hardware will be drilled and tapped at the factory except for trim mounting holes.

CONTRACTOR TO VERIFY HANDING OF ALL FRAMES

Door / Frame Schedule 4 DOORS

SINGLE DOORS		PAIRS OF DOORS	
 RIGHT HAND	 LEFT HAND	 RIGHT HAND ACTIVE	 LEFT HAND ACTIVE
 RIGHT HAND REVERSE	 LEFT HAND REVERSE	 RIGHT HAND REVERSE ACTIVE	 LEFT HAND REVERSE ACTIVE

Doors By:
Pioneer Industries

Frames By:
Pioneer Industries

Door / Frame Schedule
4 DOORS

LOCATION & GENERAL OPENING INFO				FRAME DATA						DOOR DATA													
Door#	Location	Qty	Label	Opening Size/Type	Hand	Series / Type	Jamb Depth	Ga	Material / Finish	Hd	Anch	Prof	Elev	Series / Type	Width / Height	Thk	Material / Finish	Ga	Core	Elev	Ucut	Hide Set	Door Edge
1		1		5-0 X 7-0 Interior	RHRA	F16 KD	5 3/4	16	CRS Primed	2"	DSA	MER	F1	H	2-6 X 7-0	1 3/4	CRS Primed	18	Honeycomb	D1	3/4	A	L
		1			LHR									F	2-6 X 7-0	1 3/4	CRS Primed	18	Honeycomb	D2	3/4	A	L
2		1		5-0 X 7-0 Interior	RHRA	F16 KD	5 3/4	16	CRS Primed	2"	DSA	MER	F1	H	2-6 X 7-0	1 3/4	CRS Primed	18	Honeycomb	D1	3/4	A	L
		1			LHR									F	2-6 X 7-0	1 3/4	CRS Primed	18	Honeycomb	D2	3/4	A	L
3		1		5-0 X 7-0 Interior	RHRA	F16 KD	5 3/4	16	CRS Primed	2"	DSA	MER	F1	H	2-6 X 7-0	1 3/4	CRS Primed	18	Honeycomb	D1	3/4	A	L
		1			LHR									F	2-6 X 7-0	1 3/4	CRS Primed	18	Honeycomb	D2	3/4	A	L
4		1		5-0 X 7-0 Interior	RHRA	F16 KD	5 3/4	16	CRS Primed	2"	DSA	MER	F1	H	2-6 X 7-0	1 3/4	CRS Primed	18	Honeycomb	D1	3/4	A	L
		1			LHR									F	2-6 X 7-0	1 3/4	CRS Primed	18	Honeycomb	D2	3/4	A	L

Total Door Count: 8

Total Frame / Window Count: 4

Door Edge Codes

L - Lockseam (Hollow Metal)

Profiles

MER - Masonry Equal Rabbet

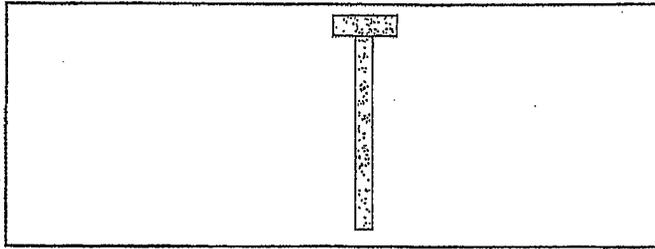
Anchors

DSA - Drywall Sill Anchor

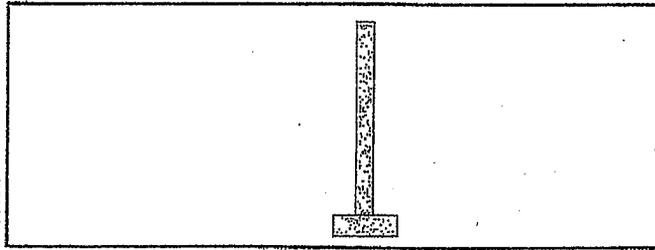
Door / Frame Schedule
4 DOORS
Elevation: D1 / D2

Job Number: JLC0922151

Leaf 1:

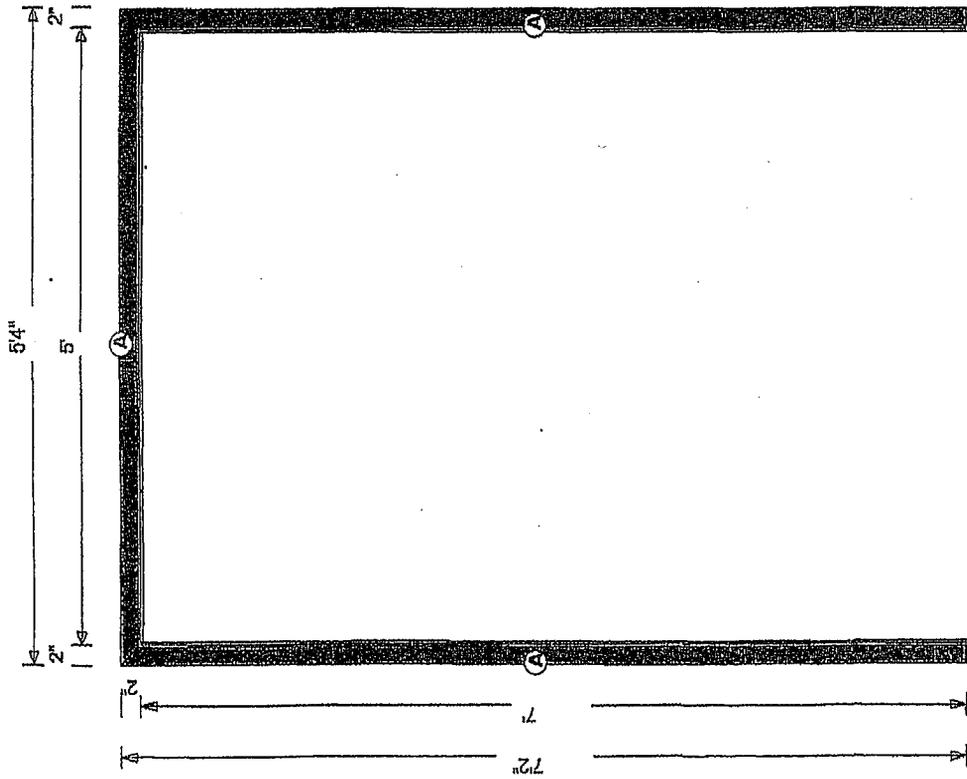
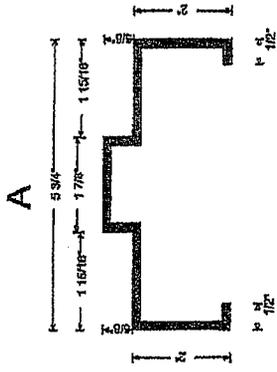


Leaf 2:



Door / Frame Schedule
4 DOORS
Elevation: F1

Job Number: JLC0922151



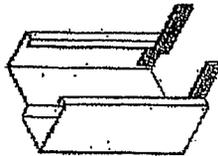
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Door / Frame Schedule

4 DOORS

7 of 7
9/23/2015

Frame Anchors Used On This Job:

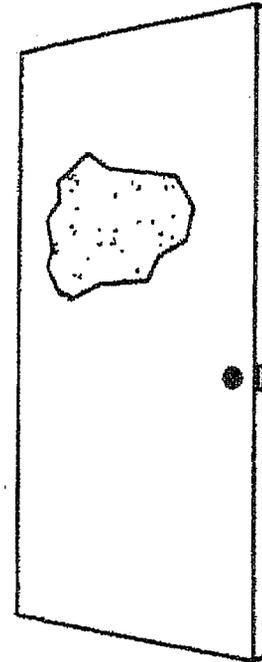


DSA

**ENGINEERING DETAILS for STANDARD
SERIES HP Full Flush 1 3/4" Doors
SERIES CHP Seamless 1 3/4" Doors**

Specifications

1. HP doors shall be formed from two 16 or 18 gage A80 Galvannealed Steel per ASTM A924 and A653 and shall be 1-3/4" thick.
2. CHP doors shall be formed from two 14, 16 or 18 gage A 60 Galvannealed steel per ASTM A924 and A653 and shall be 1-3/4" thick.
3. Doors shall have a core of rigid Polystyrene. The core shall have a nominal density of 1.0 #/ft³, with an "R" factor of 7.12. The door panel shall develop a "U" factor of 0.014.
4. HP doors shall have vertical mechanical interlocking seams on hinge and lock edges. There shall be no seam on the faces of door.
5. CHP doors shall have no seams on the faces or edges of doors. Vertical edges of doors shall be continuously seam-welded full height of the door.
6. Exterior doors shall be capped to retard moisture penetrating the door.
7. All hinge reinforcements shall be 3/16" thick.
8. All doors shall be internally reinforced with a 12 gage plate both sides of the door for application of surface applied door closures and holders.
9. Glass light moulding shall be Pioneer standard steel moulding, with no exposed screws on the secure side of door.
10. Louvers shall be Pioneer standard design for application required.
11. All doors shall be cleaned and given one coat of baked -on rust- inhibitive metal primer in compliance with ANSI A250.10-2004
12. All fire rated doors, where indicated, shall be manufactured in accordance with UL or WHI procedures and bear the appropriate classification mark (label).
13. Door construction complies with ANSI A250.8-2003 (SDI 100)
14. Doors shall be packaged to minimize damage in transit and handling.
15. Hardware reinforcements are in accordance with ANSI A 250.6-2003. Locations are in accordance with ANSI/BHMA A156.115



Insulation Values

Factor	Definition																				
K	The rate at which heat flows thru a material. Values for Insulation are normally based on one inch thickness of a single, homogeneous material and are expressed in BTU/ft ² /F/hr/inch.																				
C	The rate at which heat flows thru a material of any given thickness. The "C" factor at one inch = "K" factor. The "C" factor of the same material at three inches is 1/3 of the "K" factor; at two inches the "C" factor is 1/2 the "K" factor.																				
U	The overall coefficient of heat transfer (conductivity) for all elements of construction (as well as environmental factors). A "U" factor is determined by adding the "C" factors of the various individual materials making up the composite structure. Units are expressed as BTU/ft ² /F/hr.																				
R	A measure of the resistance to heat flow. As the thickness of the insulation material increases, the resistance to the heat flow increases. See the following common insulation materials for typical "R" factors:																				
	<table border="1"> <thead> <tr> <th>Material</th> <th>1" thick</th> <th>2" thick</th> <th>3" thick</th> </tr> </thead> <tbody> <tr> <td>Urethane</td> <td>7.0</td> <td>13.0</td> <td>20.0</td> </tr> <tr> <td>Polystyrene</td> <td>4.1</td> <td>8.0</td> <td>12.0</td> </tr> <tr> <td>Fiberglass (1# or less)</td> <td>4.0</td> <td>8.0</td> <td>12.0</td> </tr> <tr> <td>Vermiculite</td> <td>2.0</td> <td>3.8</td> <td>5.5</td> </tr> </tbody> </table>	Material	1" thick	2" thick	3" thick	Urethane	7.0	13.0	20.0	Polystyrene	4.1	8.0	12.0	Fiberglass (1# or less)	4.0	8.0	12.0	Vermiculite	2.0	3.8	5.5
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