



AUTOMATIC SWING DOOR OPENER M-FORCETM WITH SWING-GUARD

4.24- FULL ENERGY OPERATOR, ON HM/WOOD DOOR & FRAME

- 4.24.01 FE OPERATOR, HMW FRAME, VISIBLE, RH-IN
- 4.24.02 FE OPERATOR, HMW FRAME, VISIBLE, LH-IN
- 4.24.03 FE OPERATOR, HMW FRAME, VISIBLE, RH-OUT
- 4.24.04 FE OPERATOR, HMW FRAME, VISIBLE, LH-OUT
- 4.24.05 FE OPERATOR, HMW FRAME, VISIBLE, PAIR IN
- 4.24.06 FE OPERATOR, HMW FRAME, VISIBLE, PAIR OUT
- 4.24.07 FE OPERATOR, HMW FRAME, VISIBLE, PAIR DE

(NEXT GENERATION MAGIC-FORCE™) PF

WITH **SWING-GUARD®**

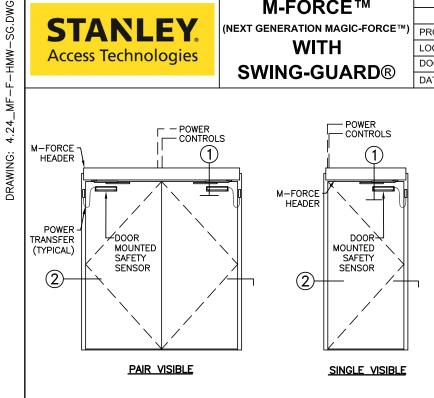
| FULL ENERGY OPERATOR ON H.M./WOOD DO | OR & FRA | ME | |
|--------------------------------------|----------|----|--|
| PROJECT INFORMATION | | | |
| PROJECT NAME: | | | |
| LOCATION: | | | |
| DOOR NUMBER(S): | | | |
| DATE: | SHEET: | OF | |

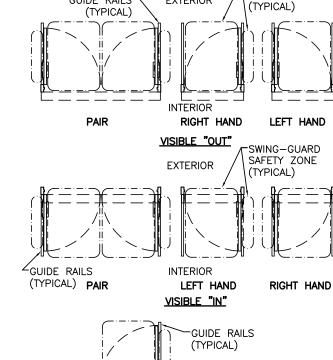
EXTERIOR

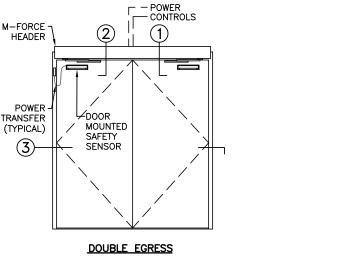
GUIDE RAILS-

SWING-GUARD

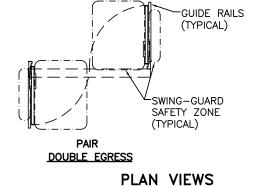
SAFETY ZONE







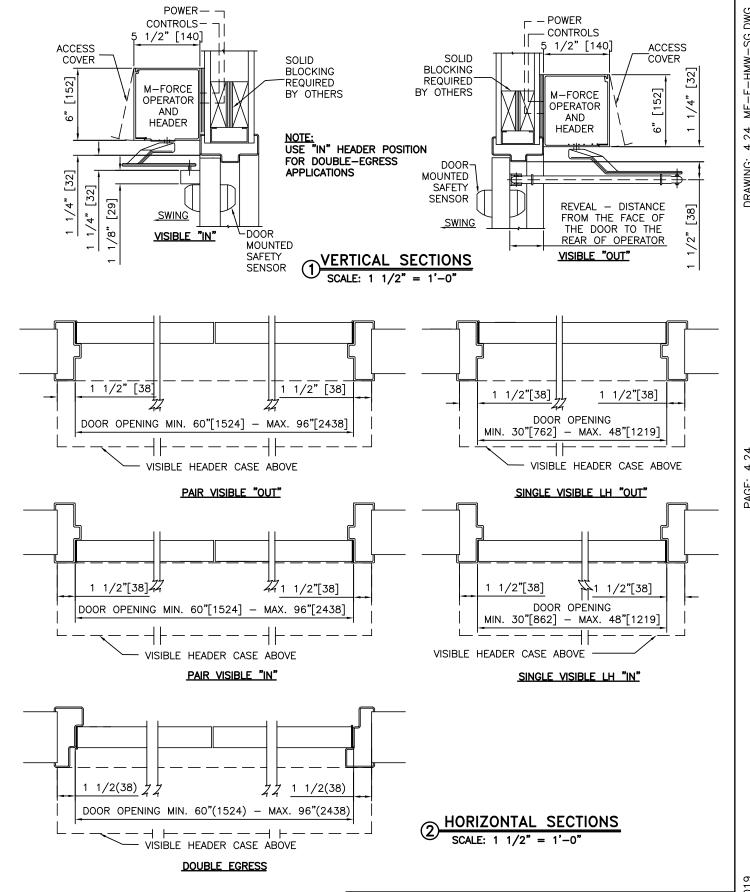
ELEVATIONS SCALE: 1/4" = 1'-0"



SCALE: 3/16" = 1'-0"



- 1. ELECTRICAL REQUIREMENTS: BY ELECTRICAL CONTRACTOR
- 120 VAC, 5 AMP MIN TO OPERATOR.
- CONTROL CIRCUIT FROM ACTIVATION TO OPERATOR. 2. DOORS, FRAMES, AND HARDWARE BY OTHERS.
- DOORS MUST BE UN-LATCHED FOR PROPER OPERATION. PROVIDE TIME DELAY RELAY WHEN REQUIRED FOR PROPER OPERATION.
- LIMITS OF ACTIVATION AND SAFETY ZONES ARE PROVIDED FOR REFERENCE ONLY; SEE ANSI/BHMA A156.10 FOR SPECIFIC
- OPERATOR AND INSTALLATION TO COMPLY WITH ANSI/BHMA A156.10.
- SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.



FULL ENERGY OPERATOR ON H.M./WOOD DOOR & FRAME

M-FORCE™

(NEXT GENERATION MAGIC-FORCE™)

WITH **SWING-GUARD®** **STANLEY Access Technologies**

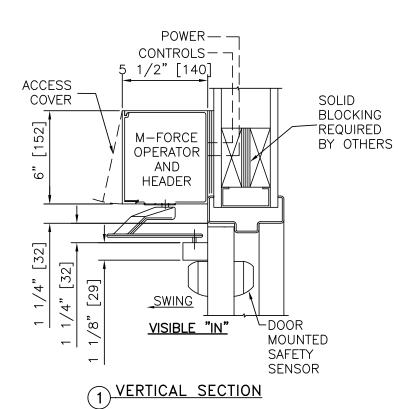
PAGE:



(NEXT GENERATION MAGIC-FORCE™)

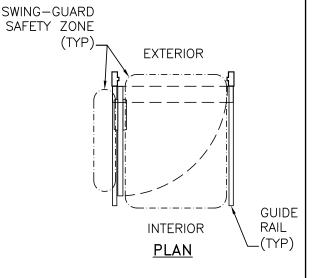
WITH **SWING-GUARD®**

| FULL ENERGY OPERATOR, HMW FRAME, VISIBL | E, RIGHT H | AND IN |
|---|------------|--------|
| PROJECT INFORMATION | | |
| PROJECT NAME: | | |
| LOCATION: | | |
| DOOR NUMBER(S): | | |
| DATE: | SHEET: | OF |



POWER -CONTROLS -M-FORCE **HEADER** POWER **TRANSFER** (TYPICAL) DOOR **MOUNTED** SAFETY SENSOR 2 **ELEVATION**

1 1/2"[38] 1 1/2"[38]~ DOOR OPENING MIN. 30"[862] - MAX. 48"[1219]



HORIZONTAL SECTION

NOTES:

- 1. DETAILS NOT TO SCALE.
- 2. ELECTRICAL REQUIREMENTS: BY ELECTRICAL CONTRACTOR
 2.1. 120 VAC, 5 AMP MIN TO OPERATOR.
 2.2. CONTROL CIRCUIT FROM ACTIVATION TO OPERATOR.
- 3. DOORS, FRAMES, AND HARDWARE BY OTHERS.
 4. DOORS MUST BE UN-LATCHED FOR PROPER OPERATION. PROVIDE TIME DELAY RELAY WHEN REQUIRED FOR PROPER OPERATION.

VISIBLE HEADER CASE ABOVE

- LIMITS OF ACTIVATION AND SAFETY ZONES ARE PROVIDED FOR REFERENCE ONLY; SEE ANSI/BHMA A156.10 FOR SPECIFIC REQUIREMENTS.
- OPERATOR AND INSTALLATION TO COMPLY WITH ANSI/BHMA A156.10.
- SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

PAGE: 4.24.01 REVISION: 10/01/2019



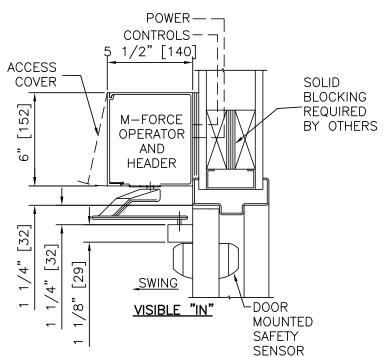
(NEXT GENERATION MAGIC-FORCE™)

WITH **SWING-GUARD®**

| FULL ENERGY OPERATOR, HMW FRAME, VISIBL | E, LEFT + | IAND IN |
|---|-----------|---------|
| PROJECT INFORMATION | | |
| PROJECT NAME: | | |
| LOCATION: | | |
| DOOR NUMBER(S): | | |
| DATE: | SHEET: | OF |

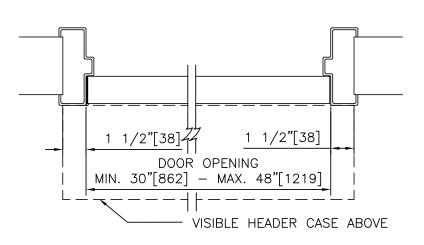
- POWER - CONTROLS

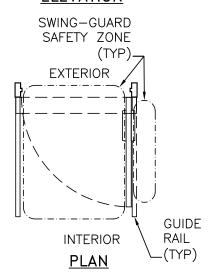
٨



M-FORCE **HEADER POWER TRANSFER** (TYPICAL) DOOR^{\(\)} MOUNTED SAFETY **SENSOR** 2 **ELEVATION**

VERTICAL SECTION





HORIZONTAL SECTION

NOTES:

- 1. DETAILS NOT TO SCALE.
- 2. ELECTRICAL REQUIREMENTS: BY ELECTRICAL CONTRACTOR
 2.1. 120 VAC, 5 AMP MIN TO OPERATOR.
 2.2. CONTROL CIRCUIT FROM ACTIVATION TO OPERATOR.
- 3. DOORS, FRAMES, AND HARDWARE BY OTHERS.
 4. DOORS MUST BE UN-LATCHED FOR PROPER OPERATION. PROVIDE TIME DELAY RELAY WHEN REQUIRED FOR PROPER OPERATION.
- LIMITS OF ACTIVATION AND SAFETY ZONES ARE PROVIDED FOR REFERENCE ONLY; SEE ANSI/BHMA A156.10 FOR SPECIFIC REQUIREMENTS.
- OPERATOR AND INSTALLATION TO COMPLY WITH ANSI/BHMA A156.10.
- SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

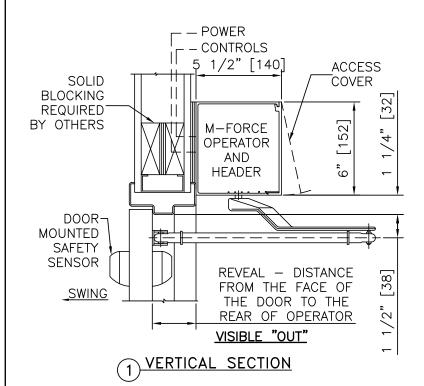
REVISION: 10/01/2019 PAGE: 4.24.02

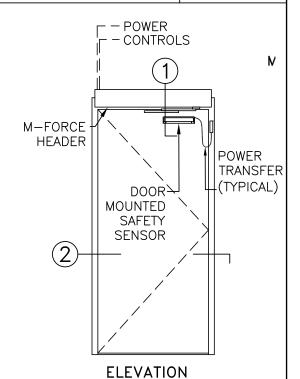


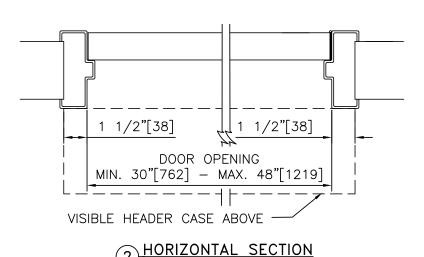
(NEXT GENERATION MAGIC-FORCE™)

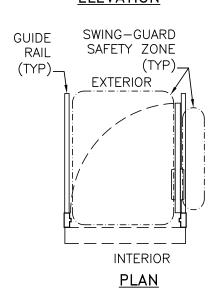
WITH **SWING-GUARD®**

| FULL ENERGY OPERATOR, HMW FRAME, VISIB | LE, RIGHT HAND OUT |
|--|--------------------|
| PROJECT INFORMATION | |
| PROJECT NAME: | |
| LOCATION: | |
| DOOR NUMBER(S): | |
| DATE. | SHEET OF |









NOTES:

- 1. DETAILS NOT TO SCALE.
- 2. ELECTRICAL REQUIREMENTS: BY ELECTRICAL CONTRACTOR
 2.1. 120 VAC, 5 AMP MIN TO OPERATOR.
 2.2. CONTROL CIRCUIT FROM ACTIVATION TO OPERATOR.
- 3. DOORS, FRAMES, AND HARDWARE BY OTHERS.
 4. DOORS MUST BE UN-LATCHED FOR PROPER OPERATION. PROVIDE TIME DELAY RELAY WHEN REQUIRED FOR PROPER OPERATION.
- 5. LIMITS OF ACTIVATION AND SAFETY ZONES ARE PROVIDED FOR REFERENCE ONLY; SEE ANSI/BHMA A156.10 FOR SPECIFIC REQUIREMENTS.
- OPERATOR AND INSTALLATION TO COMPLY WITH ANSI/BHMA A156.10.
- SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

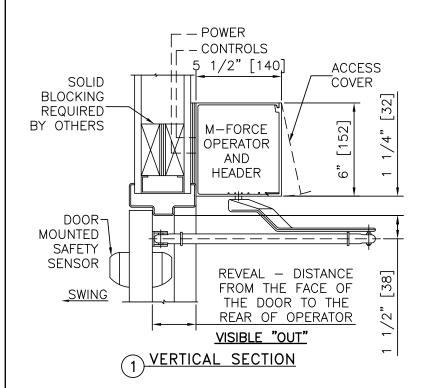
PAGE: 4.24.03 REVISION: 10/01/2019

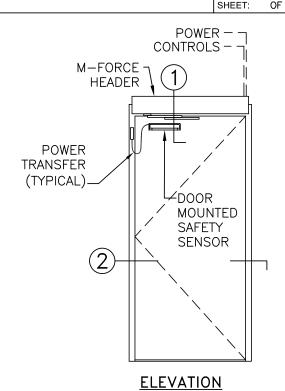


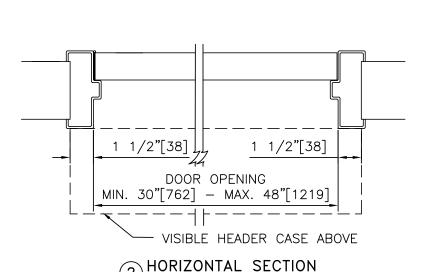
(NEXT GENERATION MAGIC-FORCE™)

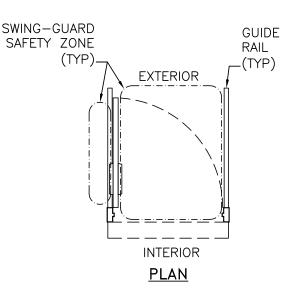
WITH **SWING-GUARD®**

| FULL ENERGY OPERATOR, HMW FRAME, VISIBLE | , LEFT HA | ND OUT |
|--|-----------|--------|
| PROJECT INFORMATION | | |
| PROJECT NAME: | | |
| LOCATION: | | |
| DOOR NUMBER(S): | | |
| DATE: | SHEET: | OF |









NOTES:

- 1. DETAILS NOT TO SCALE.
- 2. ELECTRICAL REQUIREMENTS: BY ELECTRICAL CONTRACTOR
 2.1. 120 VAC, 5 AMP MIN TO OPERATOR.
 2.2. CONTROL CIRCUIT FROM ACTIVATION TO OPERATOR.
- 3. DOORS, FRAMES, AND HARDWARE BY OTHERS.
 4. DOORS MUST BE UN-LATCHED FOR PROPER OPERATION. PROVIDE TIME DELAY RELAY WHEN REQUIRED FOR PROPER OPERATION.
- 5. LIMITS OF ACTIVATION AND SAFETY ZONES ARE PROVIDED FOR REFERENCE ONLY; SEE ANSI/BHMA A156.10 FOR SPECIFIC REQUIREMENTS.
- OPERATOR AND INSTALLATION TO COMPLY WITH ANSI/BHMA A156.10.
- SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

REVISION: 10/01/2019

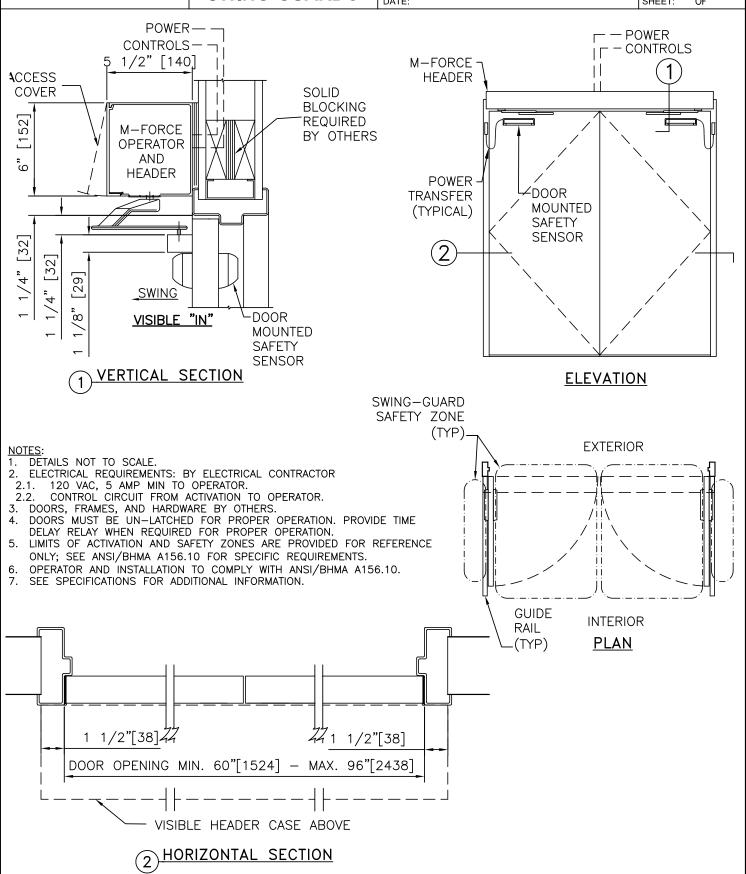
STARLEY. Access Technologies

M-FORCE™

(NEXT GENERATION MAGIC-FORCE™)

WITH SWING-GUARD®

| FULL ENERGY OPERATOR, HMW FRAME, VIS | IBLE, PAIR | l IN |
|--------------------------------------|------------|------|
| PROJECT INFORMATION | | |
| PROJECT NAME: | | |
| LOCATION: | | |
| DOOR NUMBER(S): | | |
| DATE: | SHEET | OF |

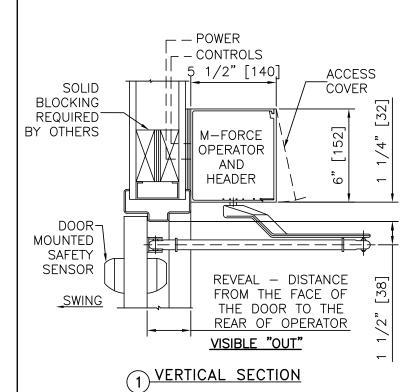


| STANLEY. |
|---------------------|
| Access Technologies |

(NEXT GENERATION MAGIC-FORCE™)

WITH **SWING-GUARD®**

| FULL ENERGY OPERATOR, HMW FRAME, VISI | BLE, PAIR | OUT | |
|---------------------------------------|-----------|-----|--|
| PROJECT INFORMATION | | | |
| PROJECT NAME: | | | |
| LOCATION: | | | |
| DOOR NUMBER(S): | | | |
| DATE: | SHEET: | OF | |



- POWER - CONTROLS M-FORCE **HEADER** POWER -DOOR TRANSFER MOUNTED (TYPICAL) SAFETY **SENSOR** 2

ELEVATION

NOTES:

DETAILS NOT TO SCALE.
 ELECTRICAL REQUIREMENTS: BY ELECTRICAL CONTRACTOR

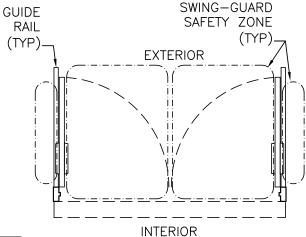
2.1. 120 VAC, 5 AMP MIN TO OPERATOR.
2.2. CONTROL CIRCUIT FROM ACTIVATION TO OPERATOR.

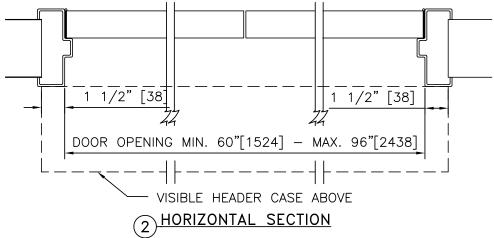
3. DOORS, FRAMES, AND HARDWARE BY OTHERS.
4. DOORS MUST BE UN-LATCHED FOR PROPER OPERATION. PROVIDE TIME DELAY RELAY WHEN REQUIRED FOR PROPER OPERATION.

5. LIMITS OF ACTIVATION AND SAFETY ZONES ARE PROVIDED FOR REFERENCE ONLY; SEE ANSI/BHMA A156.10 FOR SPECIFIC REQUIREMENTS.

6. OPERATOR AND INSTALLATION TO COMPLY WITH ANSI/BHMA A156.10.

7. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.





PLAN

STANLEY. **Access Technologies**

M-FORCE™

(NEXT GENERATION MAGIC-FORCE™) PROJECT NAME:

WITH **SWING-GUARD®** FULL ENERGY OPERATOR, HMW FRAME, VISIBLE, PAIR DE PROJECT INFORMATION

SHEET:

LOCATION:

DATE:

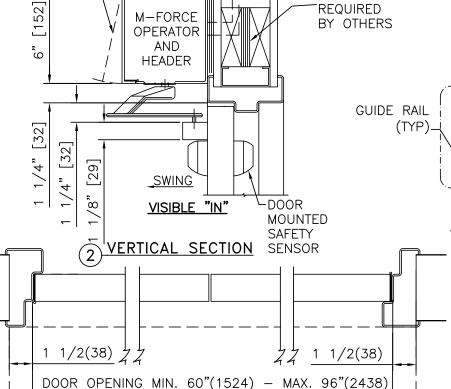
DOOR NUMBER(S):

POWER POWER - CONTROLS - CONTROLS M-FORCE 1/2" [140] **ACCESS HEADER** SOLID COVER Ш **BLOCKING REQUIRED** Ш BY OTHERS M-FORCE 52 **OPERATOR** AND **HEADER POWER** DOOR **TRANSFER** MOUNTED (TYPICAL) SAFETY DOOR-3 SENSOR **MOUNTED** SAFETY SENSOR REVEAL - DISTANCE FROM THE FACE OF SWING THE DOOR TO THE REAR OF OPERATOR VERTICAL SECTION VISIBLE "OUT" **ELEVATION** POWER-

> **SOLID BLOCKING**

> > VISIBLE HEADER

CASE ABOVE



HORIZONTAL SECTION

CONTROLS-

1/2" [140]

NOTES: DETAILS NOT TO SCALE.

2. ELECTRICAL REQUIREMENTS: BY ELECTRICAL CONTRACTOR

PLAN

SWING-GUARD SAFETY ZONE (TYP)

- 2.1. 120 VAC, 5 AMP MIN TO OPERATOR. 2.2. CONTROL CIRCUIT FROM ACTIVATION TO
- 2.2. OPERATOR.
- 3. DOORS, FRAMES, AND HARDWARE BY OTHERS.
 4. DOORS MUST BE UN-LATCHED FOR PROPER
- OPERATION. PROVIDE TIME DELAY RELAY WHEN REQUIRED FOR PROPER OPERATION.
- 5. LIMITS OF ACTIVATION AND SAFETY ZONES ARE PROVIDED FOR REFERENCE ONLY; SEE ANSI/BHMA A156.10 FOR SPECIFIC REQUIREMENTS.
- 6. OPERATOR AND INSTALLATION TO COMPLY WITH ANSI/BHMA A156.10.
- SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

ACCESS COVER