



# AUTOMATIC SWING DOOR OPENER M-FORCE<sup>TM</sup> WITH SWING-GUARD LE

### 4.06- LOW ENERGY OPERATOR ON HM/WOOD DOOR & FRAME

- 4.06.01 LE OPERATOR, HMW FRAME, VISIBLE, RH-IN
- 4.06.02 LE OPERATOR, HMW FRAME, VISIBLE, LH-IN
- 4.06.03 LE OPERATOR, HMW FRAME, VISIBLE, RH-OUT
- 4.06.04 LE OPERATOR, HMW FRAME, VISIBLE, LH-OUT
- 4.06.05 LE OPERATOR, HMW FRAME, VISIBLE, PAIR IN
- 4.06.06 LE OPERATOR, HMW FRAME, VISIBLE, PAIR OUT
- 4.06.07 LE OPERATOR, HMW FRAME, VISIBLE, PAIR DE
- 4.06.09 LE OPERATOR, HMW FRAME, VISIBLE, SINGLE ON PAIR, RH-IN
- 4.06.10 LE OPERATOR, HMW FRAME, VISIBLE, SINGLE ON PAIR, LH-IN
- 4.06.11 LE OPERATOR, HMW FRAME, VISIBLE, SINGLE ON PAIR, RH-OUT
- 4.06.12 LE OPERATOR, HMW FRAME, VISIBLE, SINGLE ON PAIR, LH-OUT

DRAWING:

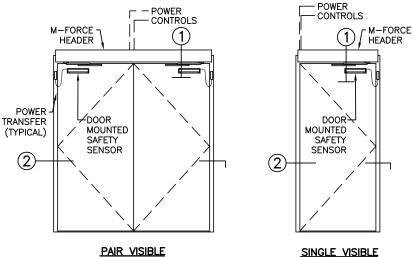
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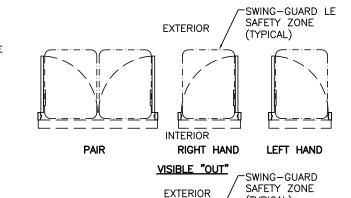
## M-FORCE™

(NEXT GENERATION MAGIC-FORCE™)

WITH SWING-GUARD® LE

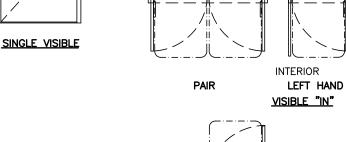
LOW ENERGY OPERATOR ON H.M./WOOD DOOR & FRAME			
PROJECT INFORMATION			
PROJECT NAME:			
OCATION:			
DOOR NUMBER(S):			
DATE:	SHEET:	OF	

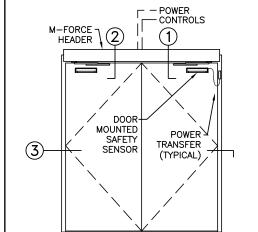




(TYPICAL)

RIGHT HAND



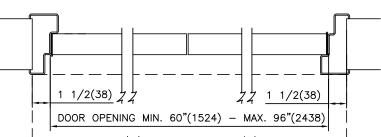


SWING-GUARD LE SAFETY ZONE (TYPICAL) PAIR DOUBLE EGRESS

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

**DOUBLE EGRESS** 

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

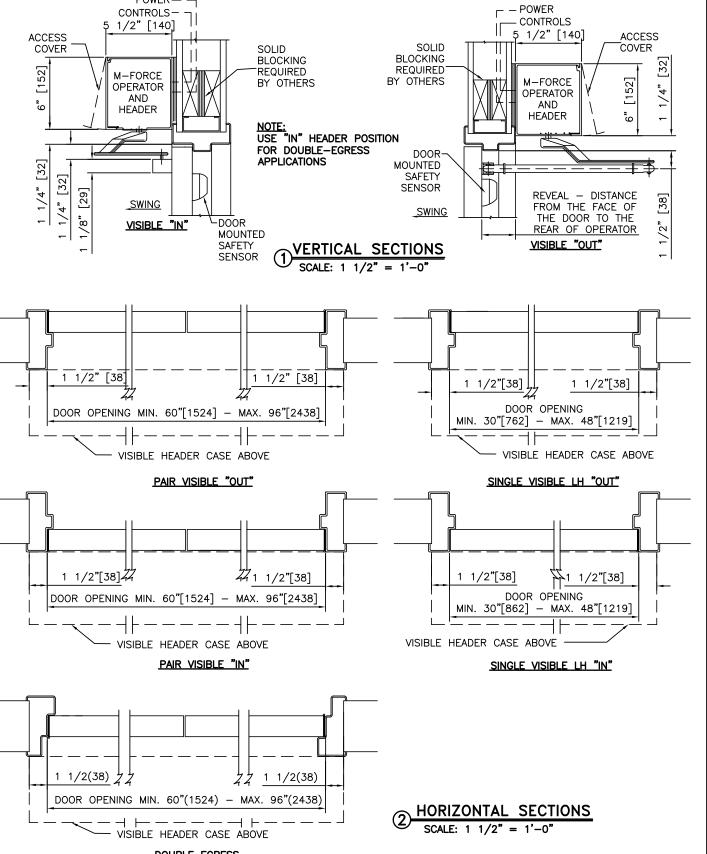


POWER —

DOUBLE EGRESS

1. ELECTRICAL REQUIREMENTS: BY ELECTRICAL CONTRACTOR

- 1.1. 120 VAC, 5 AMP MIN TO OPERATOR.
- CONTROL CIRCUIT FROM ACTIVATION TO OPERATOR.
- 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 SAFETY ZONES ARE PROVIDED FOR REFERENCE ONLY.
- OPERATOR AND INSTALLATION TO COMPLY WITH ANSI/BHMA A156.19.
- SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION. 6.



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

### M-FORCE™

(NEXT GENERATION MAGIC-FORCE™)

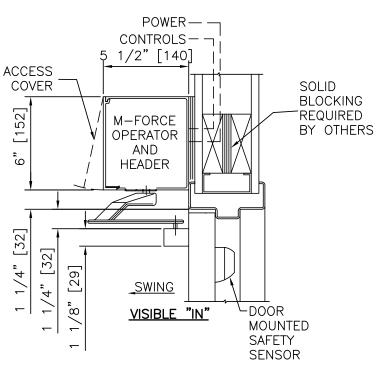
WITH **SWING-GUARD® LE**  **STANLEY Access Technologies** 

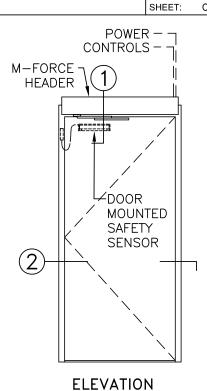


(NEXT GENERATION MAGIC-FORCE™)

### WITH **SWING-GUARD® LE**

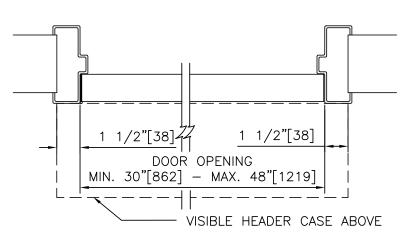
LOW ENERGY OPERATOR, HMW FRAME, VISIBLE	E, RIGHT H	AND IN
PROJECT INFORMATION		
PROJECT NAME:		
LOCATION:		
DOOR NUMBER(S):		
DATE:	SHEET:	OF

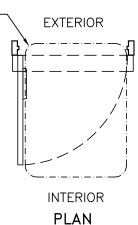




VERTICAL SECTION

SWING-GUARD LE SAFETY ZONE (TYP)





HORIZONTAL SECTION

- 1. DETAILS NOT TO SCALE.
- 2. ELECTRICAL REQUIREMENTS: BY ELECTRICAL CONTRACTOR
- 120 VAC, 5 AMP MIN TO OPERATOR. CONTROL CIRCUIT FROM ACTIVATION TO OPERATOR.
- 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 SAFETY ZONES ARE PROVIDED FOR REFERENCE ONLY.
- OPERATOR AND INSTALLATION TO COMPLY WITH ANSI/BHMA A156.19.
- SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

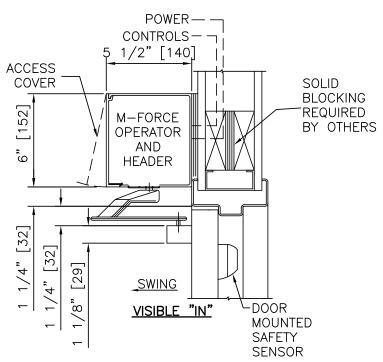
REVISION: 09/24/2019



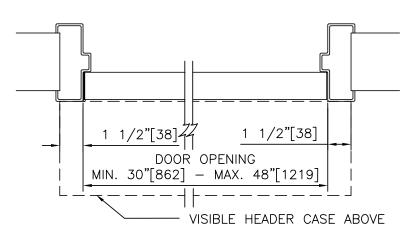
(NEXT GENERATION MAGIC-FORCE™)

### WITH **SWING-GUARD® LE**

LOW ENERGY OPERATOR, HMW FRAME, VISIBL	E, LEFT HA	AND IN
PROJECT INFORMATION		
PROJECT NAME:		
LOCATION:		
DOOR NUMBER(S):		
DATE:	SHEET:	OF

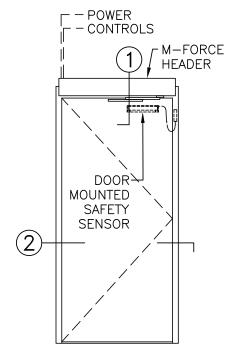


VERTICAL SECTION

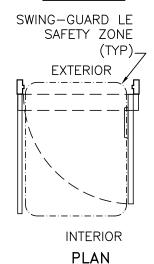


### HORIZONTAL SECTION

- 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.
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### **ELEVATION**

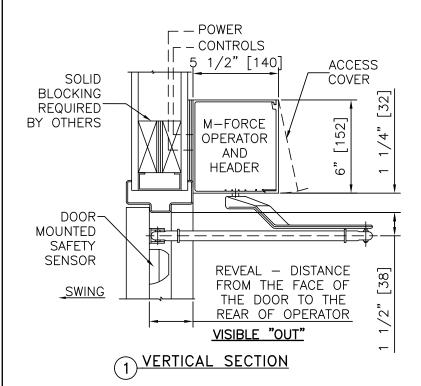


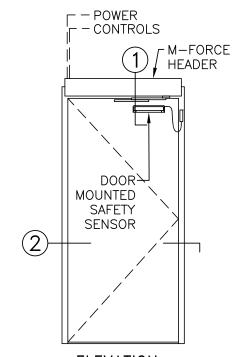


(NEXT GENERATION MAGIC-FORCE™)

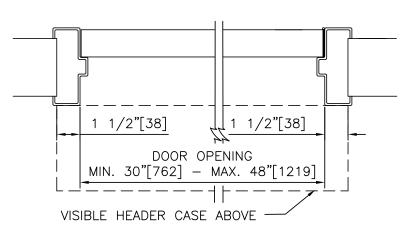
### WITH SWING-GUARD® LE

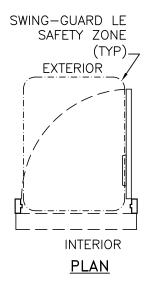
LOW ENERGY OPERATOR, HMW FRAME, VISIBLE, RIGHT HAND OUT			
PROJECT INFORMATION			
PROJECT NAME:			
LOCATION:			
DOOR NUMBER(S):			
DATE:	SHEET:	OF	





### **ELEVATION**





## HORIZONTAL SECTION

- 1. DETAILS NOT TO SCALE.
- 2. ELECTRICAL REQUIREMENTS: BY ELECTRICAL CONTRACTOR
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- 7. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

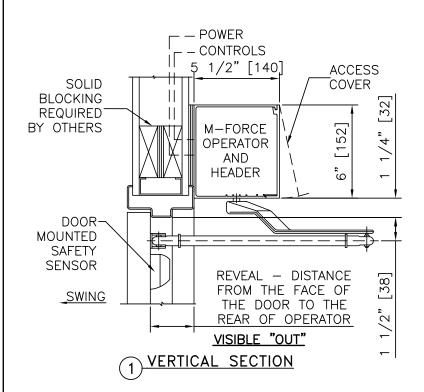
REVISION: 09/24/2019

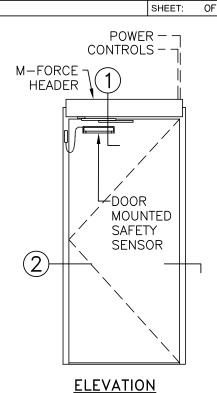


(NEXT GENERATION MAGIC-FORCE™)

## WITH SWING-GUARD® LE

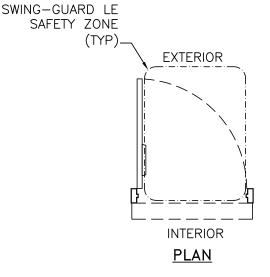
LOW ENERGY OPERATOR, HMW FRAME, VISIBLE, LEFT HAND OUT
PROJECT INFORMATION
PROJECT NAME:
LOCATION:
DOOR NUMBER(S):





1 1/2"[38] 1 1/2"[38] DOOR OPENING MIN. 30"[762] - MAX. 48"[1219]VISIBLE HEADER CASE ABOVE

HORIZONTAL SECTION



- 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.
- DOORS, FRAMES, AND HARDWARE BY OTHERS.
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- 7. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

REVISION: 09/24/2019

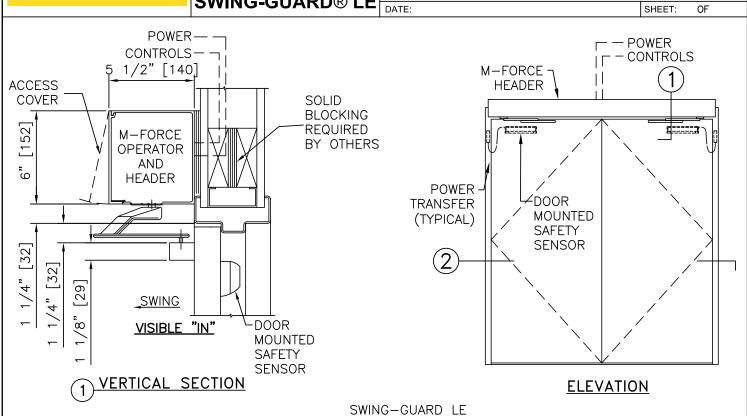
## STANLEY. **Access Technologies**

### M-FORCE™

(NEXT GENERATION MAGIC-FORCE™)

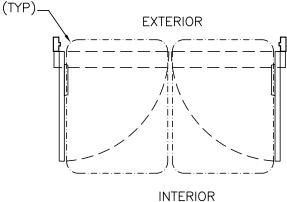
WITH **SWING-GUARD® LE** 

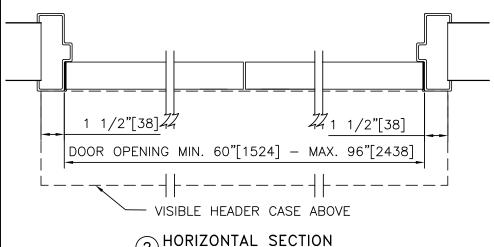
LOW ENERGY OPERATOR, HMW FRAME, VISIBLE, PAIR IN
PROJECT INFORMATION
PROJECT NAME:
LOCATION:
DOOR NUMBER(S):



SAFETY ZONE

- 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.
- DOORS, FRAMES, AND HARDWARE BY OTHERS.
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- SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.





**PLAN** 

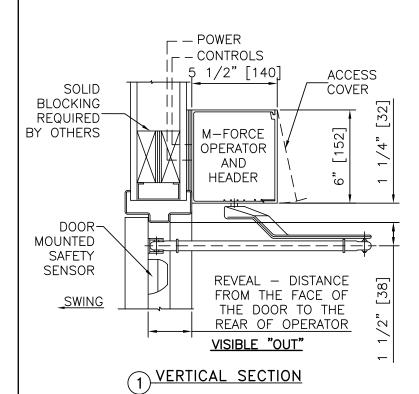
REVISION: 09/24/2019 PAGE: 4.06.05

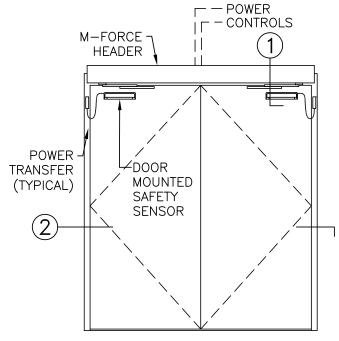


(NEXT GENERATION MAGIC-FORCE™) PROJECT NAME:

### WITH **SWING-GUARD® LE**

LOW ENERGY OPERATOR, HMW FRAME, VISIBLE, PAIR OUT PROJECT INFORMATION LOCATION: DOOR NUMBER(S): DATE: SHEET: OF





### **ELEVATION**

SWING-GUARD LE SAFETY ZONE

NOTES:

1. DETAILS NOT TO SCALE.

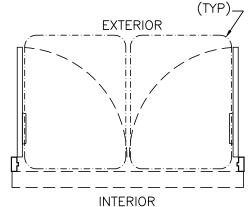
REVISION: 09/24/2019

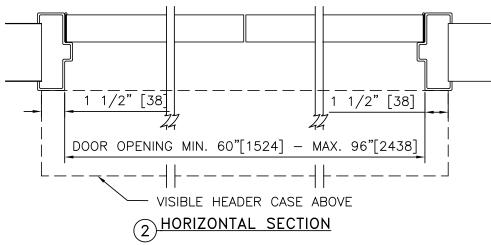
2. ELECTRICAL REQUIREMENTS: BY ELECTRICAL CONTRACTOR

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

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SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.





**PLAN** 

#### LOW ENERGY OPERATOR, HMW FRAME, VISIBLE, PAIR DE M-FORCE™ PROJECT INFORMATION STANLEY. (NEXT GENERATION MAGIC-FORCE™) PROJECT NAME: WITH LOCATION: **Access Technologies** DOOR NUMBER(S): **SWING-GUARD® LE** DATE SHEET: POWER POWER - CONTROLS - CONTROLS M-FORCE 5 1/2" [140] **ACCESS HEADER** SOLID COVER Ш **BLOCKING REQUIRED** Ш BY OTHERS M-FORCE 52 **OPERATOR** AND **HEADER** DOOR MOUNTED POWER -SAFETY DOOR-**TRANSFER** 3 SENSOR MOUNTED (TYPICAL) SAFETY **SENSOR** REVEAL - DISTANCE FROM THE FACE OF SWING THE DOOR TO THE REAR OF OPERATOR VERTICAL SECTION VISIBLE "OUT" **ELEVATION** POWER — CONTROLS-SWING-GUARD LE SAFETY ZONE (TYP)-1/2" [140] **EXTERIOR ACCESS COVER** SOLID **BLOCKING** [152] REQUIRED M-FORCE BY OTHERS **OPERATOR** AND **HEADER** [32]<u>SWING</u> INTERIOR **DOOR** VISIBLE "IN" PLAN MOUNTED SAFETY VERTICAL SECTION SENSOR NOTES: 1. DETAILS NOT TO SCALE. 2. ELECTRICAL REQUIREMENTS: BY ELECTRICAL CONTRACTOR 2.1. 120 VAC, 5 AMP MIN TO OPERATOR. CONTROL CIRCUIT FROM ACTIVATION TO OPERATOR. DOORS, FRAMES, AND HARDWARE BY OTHERS. DOORS MUST BE UN-LATCHED FOR PROPER OPERATION. PROVIDE TIME DELAY RELAY WHEN 1 1/2(38) 22 1 1/2(38) REQUIRED FOR PROPER OPERATION. 5. LIMITS OF SAFETY ZONES ARE PROVIDED FOR REFERENCE ONLY. DOOR OPENING MIN. 60"(1524) - MAX. 96"(2438) 6. OPERATOR AND INSTALLATION TO COMPLY WITH ANSI/BHMA A156.19. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION. VISIBLE HEADER HORIZONTAL SECTION CASE ABOVE

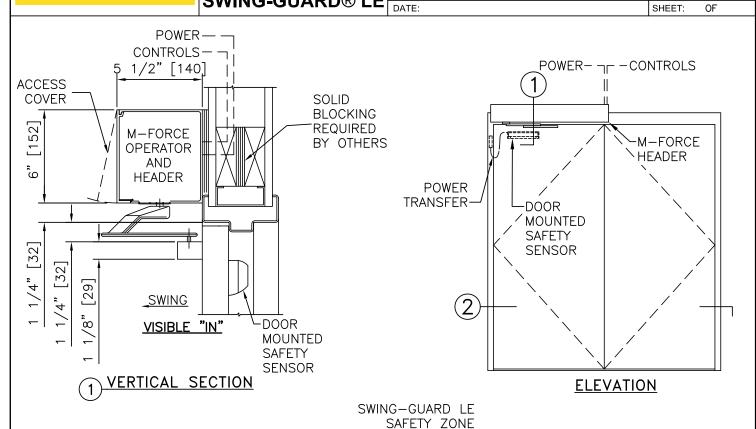
## STANLEY. **Access Technologies**

### M-FORCE™

(NEXT GENERATION MAGIC-FORCE™)

### WITH SWING-GUARD® LE

LE OPERATOR, HMW FRAME, VISIBLE, SINGLE ON PAIR, RH IN
PROJECT INFORMATION
PROJECT NAME:
LOCATION:
DOOR NUMBER(S):



1. DETAILS NOT TO SCALE.

REVISION: 09/24/2019

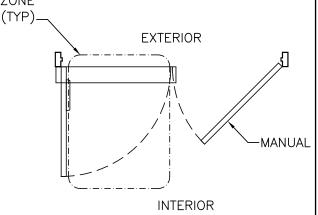
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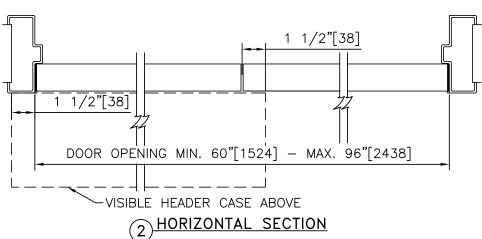
2.1. 120 VAC, 5 AMP MIN TO OPERATOR.
2.2. CONTROL CIRCUIT FROM ACTIVATION TO OPERATOR.

DOORS, FRAMES, AND HARDWARE BY OTHERS.
 DOORS MUST BE UN-LATCHED FOR PROPER OPERATION. PROVIDE TIME DELAY RELAY WHEN REQUIRED FOR PROPER OPERATION.
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OPERATOR AND INSTALLATION TO COMPLY WITH ANSI/BHMA A156.19.

7. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.





**PLAN** 

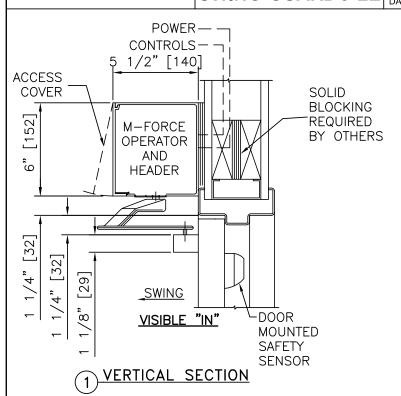
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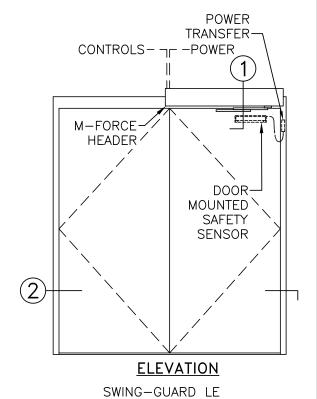


(NEXT GENERATION MAGIC-FORCE™)

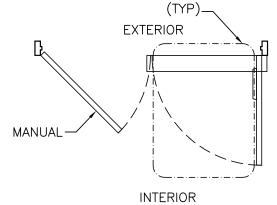
### WITH SWING-GUARD® LE

LE OPERATOR, HMW FRAME, VISIBLE, SINGLE	ON PAIR,	LH IN	
PROJECT INFORMATION			
PROJECT NAME:			
LOCATION:			
DOOR NUMBER(S):			
DATE:	SHEET:	OF	

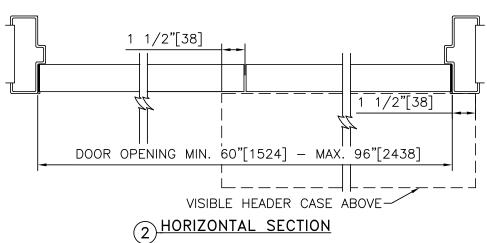




- 1. DETAILS NOT TO SCALE.
- 2. ELECTRICAL REQUIREMENTS: BY ELECTRICAL CONTRACTOR
- 2.1. 120 VAC, 5 AMP MIN TO OPERATOR.
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SAFETY ZONE



**PLAN** 

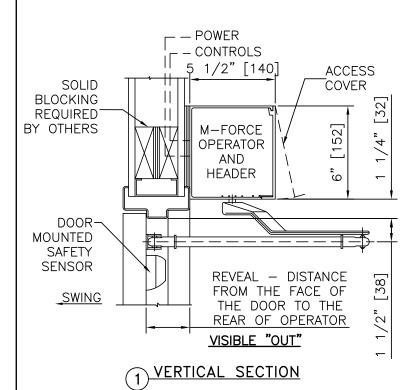
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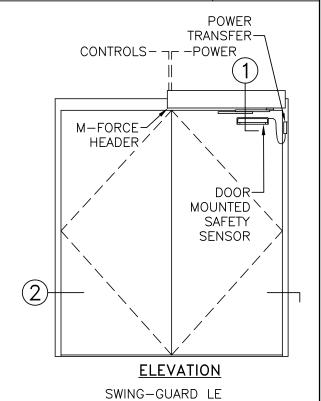


(NEXT GENERATION MAGIC-FORCE™)

## WITH SWING-GUARD® LE

LE OPERATOR, HMW FRAME, VISIBLE, SINGLE (	ON PAIR, R	H OUT
PROJECT INFORMATION		
PROJECT NAME:		
LOCATION:		
DOOR NUMBER(S):		
DATE:	SHEET:	OF





1. DETAILS NOT TO SCALE.

REVISION: 09/24/2019

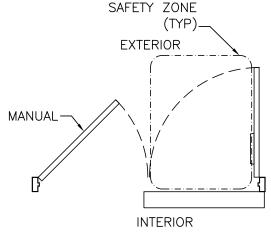
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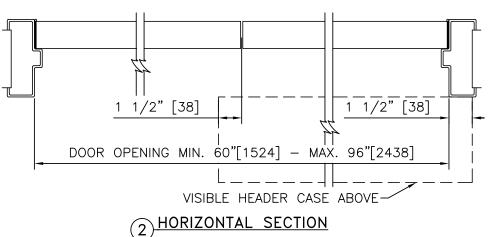
2. ELECTRICAL REQUIREMENTS: BY ELECTRICAL CONTRACTOR

2.1. 120 VAC, 5 AMP MIN TO OPERATOR.
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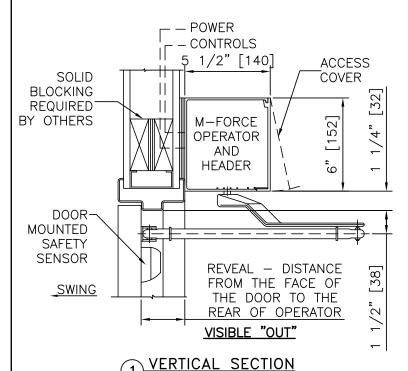
**PLAN** 

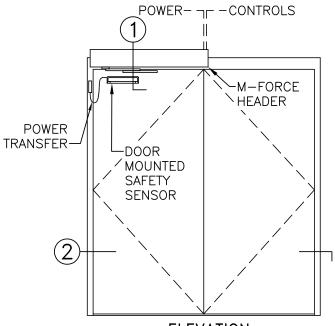
STANLEY
Access Technologies

(NEXT GENERATION MAGIC-FORCE™)

## WITH SWING-GUARD® LE

LE OPERATOR, HMW FRAME, VISIBLE, SINGLE	ON PAIR, L	H OUT	
PROJECT INFORMATION			
PROJECT NAME:			
LOCATION:			
DOOR NUMBER(S):			
DATE:	SHEET:	OF	





### **ELEVATION**

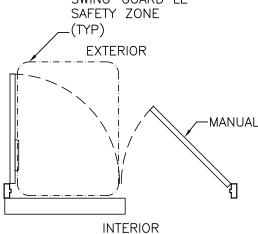
SWING-GUARD LE SAFETY ZONE (TYP)

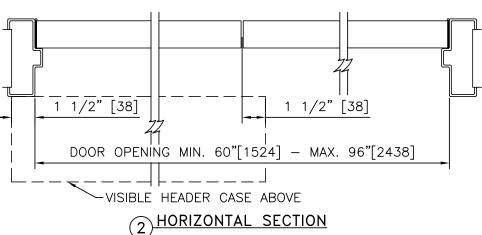
2. ELECTRICAL REQUIREMENTS: BY ELECTRICAL CONTRACTOR

1. DETAILS NOT TO SCALE.

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

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**PLAN** 

PAGE: 4.06.12