4.03- LOW ENERGY OPERATOR ON ALUMINUM & FRAME

- 4.03.01 - LE OPERATOR, AL FRAME, VISIBLE, RH-IN
- 4.03.02 - LE OPERATOR, AL FRAME, VISIBLE, LH-IN
- 4.03.03 - LE OPERATOR, AL FRAME, VISIBLE, RH-OUT
- 4.03.04 - LE OPERATOR, AL FRAME, VISIBLE, LH-OUT
- 4.03.05 - LE OPERATOR, AL FRAME, VISIBLE, PAIR IN
- 4.03.06 - LE OPERATOR, AL FRAME, VISIBLE, PAIR OUT
- 4.03.07 - LE OPERATOR, AL FRAME, CONCEALED, RH
- 4.03.08 - LE OPERATOR, AL FRAME, CONCEALED, LH
- 4.03.09 - LE OPERATOR, AL FRAME, CONCEALED, PAIR
- 4.03.10 - LE OPERATOR, AL FRAME, VISIBLE, SINGLE ON PAIR, RH-IN
- 4.03.11 - LE OPERATOR, AL FRAME, VISIBLE, SINGLE ON PAIR, LH-IN
- 4.03.12 - LE OPERATOR, AL FRAME, VISIBLE, SINGLE ON PAIR, RH-OUT
- 4.03.13 - LE OPERATOR, AL FRAME, VISIBLE, SINGLE ON PAIR, LH-OUT
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. OPERATOR AND INSTALLATION TO COMPLY WITH ANSI/BHMA A156.19.
6. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
M-FORCE™
(NEXT GENERATION MAGIC-FORCE™)

LOW ENERGY OPERATOR, AL FRAME, VISIBLE, LEFT HAND IN

NOTES
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STANLEY®
Access Technologies

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(NEXT GENERATION MAGIC-FORCE™)

LOW ENERGY OPERATOR, AL FRAME, VISIBLE, LEFT HAND OUT

PROJECT INFORMATION

PROJECT NAME:
LOCATION:
DOOR NUMBER(S):
DATE:

SHEET: OF

TRANSOM BY OTHERS

POWER CONTROL

1/2" [140]

ACCESS COVER

M-FORCE OPERATOR AND HEADER

6" [152]

1 1/4" [32]

ELEVATION

POWER CONTROLS

M-FORCE HEADER

REVEAL - DISTANCE FROM THE FACE OF THE DOOR TO THE REAR OF OPERATOR

1 1/2" [38]

VERTICAL SECTION

SWING

VISIBLE "OUT"

DOOR OPENING
MIN. 30" [762] - MAX. 48" [1219]

INTERIOR PLAN

VISIBLE HEADER CASE ABOVE

EXTERIOR

NOTES
1. DETAILS NOT TO SCALE.
2. ELECTRICAL REQUIREMENTS: BY ELECTRICAL CONTRACTOR
   2.1. 120 VAC, 5 AMP MIN TO OPERATOR.
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REVISION: 08/10/2019

PAGE: 4.03.04
M-FORCE™
(NEXT GENERATION MAGIC-FORCE™)

LOW ENERGY OPERATOR, AL FRAME, VISIBLE, PAIR IN

NOTE: DETAILS NOT TO SCALE.
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6. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
M-FORCE™
(NEXT GENERATION MAGIC-FORCE™)

CONCEALED

1. VERTICAL SECTION

- POWER CONTROLS
- ACCESS COVER
- M-FORCE OPERATOR AND HEADER
- DOOR ARM

5 1/2" [140]
3 1/2" [90]
6" [152]

2. HORIZONTAL SECTION

- CONCEALED HEADER CASE
- DOOR OPENING
  - MIN. 30" [762] – MAX. 48" [1219]
- PIVOT POINT

2 3/4" [70]

NOTES
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2. ELECTRICAL REQUIREMENTS: BY ELECTRICAL CONTRACTOR
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5. OPERATOR AND INSTALLATION TO COMPLY WITH ANSI/BHMA A156.19.
6. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
**M-FORCE™**
*Next Generation Magic-Force™*

**CONCEALED**

1. **VERTICAL SECTION**

2. **HORIZONTAL SECTION**

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**NOTES**

1. DETAILS NOT TO SCALE.
2. ELECTRICAL REQUIREMENTS: BY ELECTRICAL CONTRACTOR
   2.1. 120 VAC, 5 AMP MIN TO OPERATOR.
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6. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
M-FORCE™
(NEXT GENERATION MAGIC-FORCE™)

POWER

CONTROLS

TRANSOM

BY

OTHERS

ACCESS

COVER

M-FORCE

OPERATOR

AND

HEADER

6" [152]

1 1/4" [32]

1 1/4" [32]

1 1/8" [29]

VISIBEL "IN"

VERTICAL SECTION

POWER—CONTROLS

M-FORCE

HEADER

ELEVATION

EXTERIOR

MANUAL

INTERIOR

PLAN

DOOR OPENING MIN. 60"[1524] – MAX. 96"[2438]

VISIBLE HEADER CASE ABOVE

HORIZONTAL SECTION

NOTES
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2. ELECTRICAL REQUIREMENTS: BY ELECTRICAL CONTRACTOR
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REVISION: 09/10/2019

PAGE: 4.03.11
M-FORCE™
(NEXT GENERATION MAGIC-FORCE™)

POWER CONTROL
5 1/2" [140]
ACCESS COVER
M-FORCE OPERATOR AND HEADER

VITAL "OUT"

VERTICAL SECTION

REVEAL - DISTANCE FROM THE FACE OF THE DOOR TO THE REAR OF OPERATOR
1 1/2" [38]

DOOR OPENING MIN 60" [1524] - MAX. 96" [2438]

HORIZONTAL SECTION

NOTES
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6. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
M-FORCE™
(NEXT GENERATION MAGIC-FORCE™)

POWER CONTROL
5 1/2" [140]
M-FORCE OPERATOR AND HEADER
6" [152]
1 1/4" [32]

TRANSOM BY OTHERS

REVEAL - DISTANCE FROM THE FACE OF THE DOOR TO THE REAR OF OPERATOR
1 1/2" [38]

ELEVATION

INTERIOR PLAN

1 1/2" [38] 1 1/2" [38]

DOOR OPENING MIN. 60"[1524] - MAX. 96"[2438]

VISIBLE "OUT"

1 VERTICAL SECTION

POWER CONTROLS
M-FORCE HEADER

2 HORIZONTAL SECTION

NOTES
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2. ELECTRICAL REQUIREMENTS: BY ELECTRICAL CONTRACTOR
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STANLEY Access Technologies