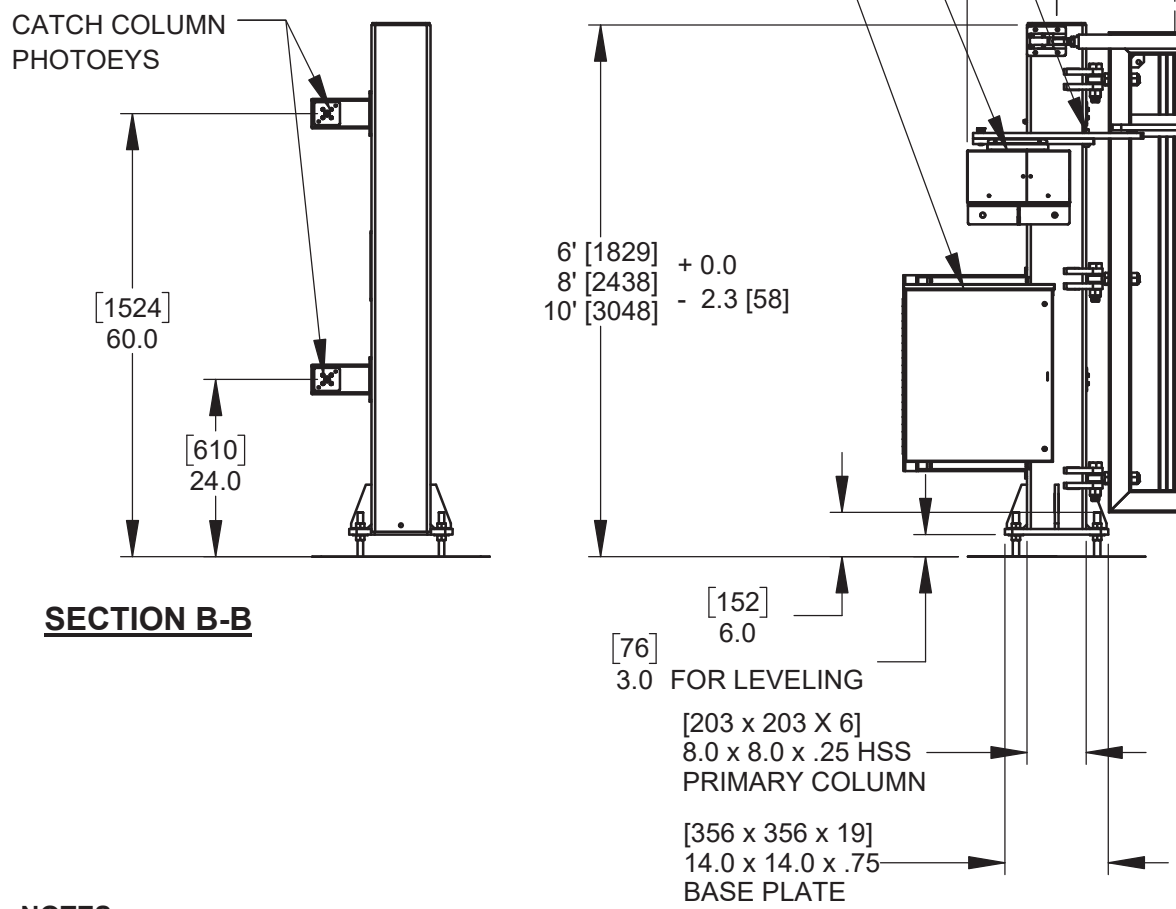


MANUAL OPERATION RELEASE POINT
GATE OPERATOR

GATE CONTROLLER IS MOUNTED IN A
24" [610] x 20" [508] x 8" [203] NEMA 3R ENCLOSURE.
ENCLOSURE MUST BE MOUNTED WITHIN 10' [3048]
OF GATE OPERATOR.
ENCLOSURE IS SHOWN IN RECOMMENDED COLUMN
MOUNTING LOCATION USING SUPPLIED BRACKET.

CATCH COLUMN
PHOTOEYS

SECTION B-B



NOTES:
DIMENSIONS ARE SHOWN INCHES, DIMENSIONS SHOWN IN [] ARE IN MILLIMETERS.
UNLESS OTHERWISE NOTED.

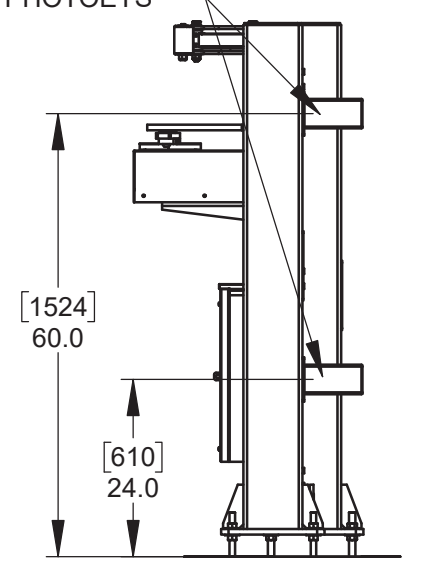
FINISH NOTES:
- STANDARD FINISH: HOT DIPPED GALVANIZED.
- OPTIONAL FINISH: POWDER COAT PAINT, CUSTOM COLORS AVAILABLE.
RAL # MUST BE SPECIFIED AT TIME OF ORDER.

COLUMNS $\varnothing$ TO $\varnothing$ = CLEAR OPENING + 21.25 [540]

CLEAR OPENING WIDTH
6' [1829] - MIN. 6' [1829] - MAX. 15' [4572]
8' [2438] - MIN. 6' [1829] - MAX. 13' [3962]
10' [3048] - MIN. 6' [1829] - MAX. 9' [2743]

PRIMARY COLUMN PHOTOEYS

VERTICAL PANEL CATCH



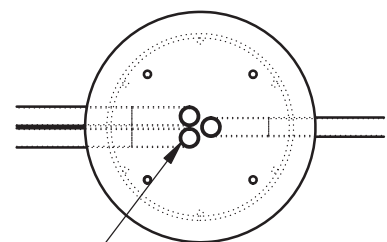
SECTION A-A

[203 x 203 X 6]
8.0 x 8.0 x .25 HSS
CATCH COLUMN
[279 x 356 x 19]
11.0 x 14.0 x .75
BASE PLATE

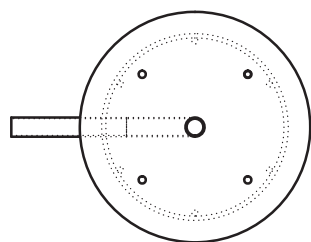


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Description: FOLDSMART XT, 2-FOLD (C1) TRACKLESS BI-FOLDING GATE SYSTEM STANDARD DIMENSIONS			
Customer:			
Finish: SEE FINISH NOTES		Date: 4/23/2024	
Drawing No. FSXT-2FC1-03-22-24		Rev.	Sheet: 1 of 5



3 PCES. 1 1/2" [38] CONDUIT - BY OTHERS
2 IN PRIMARY COLUMN, FROM INCOMING
POWER SUPPLY / ACCESS CONTROL.
1 IN SECONDARY COLUMN FROM
PRIMARY COLUMN.



.75" [19] HILTI HAS 5.8 x 14" [356] ANCHOR BOLTS
ADHESIVE: HILTI HVU OR APPROVED EQUIVALENT.

REINFORCING STEEL:
10M ϕ 19 [493] REBAR RINGS SPACED @ 12 [305] O/C
DOUBLE RINGS AT TOP. 8 - 15M REBAR VERTICALS

CONCRETE TYPE 50 32 MPa OR LOCAL
EQUIVALENT. THE TOP 72.0 [1828] OF
FOUNDATION TO BE ENCASED IN ϕ 24.0" [610]
SONO TUBE.
RECOMMENDED FOUNDATION DEPTH IS 36.0 [914]
BELOW LOCAL FROST LINE.
MINIMUM FOUNDATION DEPTH 96.0" [2438]

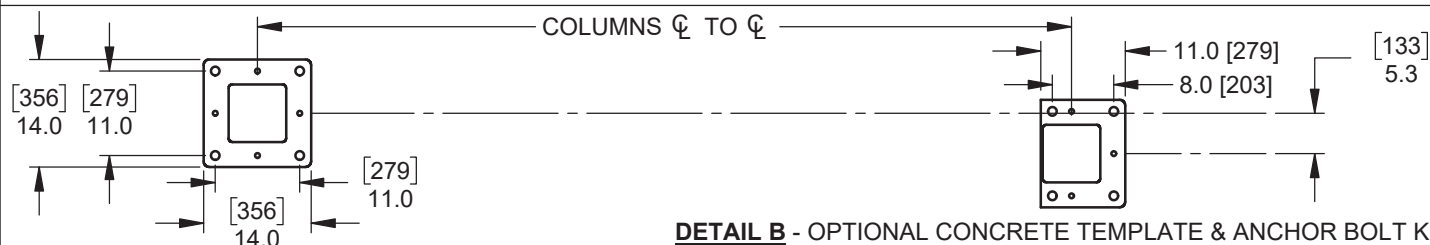
[305]
12.0

INCOMING POWER
/ ACCESS CONTROL

TO CATCH
COLUMN

RECOMMENDED CONDUIT DEPTH 36.0 [914]
TO SUIT FACTORY SUPPLIED WIRE HARNESS
CONDUIT DEPTH CAN BE INCREASED TO SUIT
LOCAL CODE REQUIREMENTS. MUST BE SPECIFIED
AT TIME OF ORDER. REFER TO CONTROLLER NOTE
FOR MAX. WIRE HARNESS LENGTH.

DETAIL A - COLUMN FOUNDATIONS



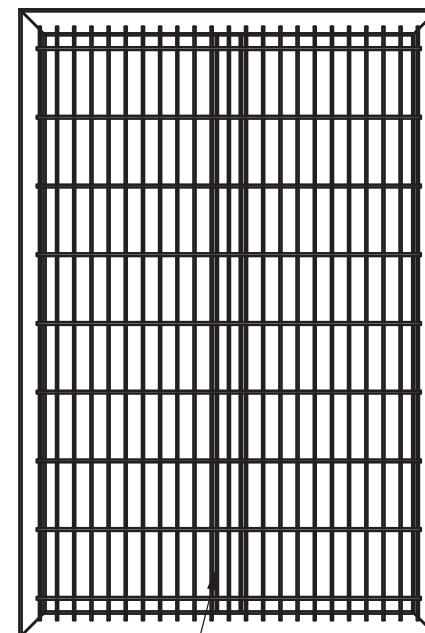
DETAIL B - OPTIONAL CONCRETE TEMPLATE & ANCHOR BOLT KIT

INCLUDED WITH FOLDSMART

- 1 - ELECTRICAL CONTROLLER MOUNTED IN A 24" [610] x 20" [508] x 8" [203] NEMA 3R ENCLOSURE.
- KEY FOR MANUAL PANEL RELEASE

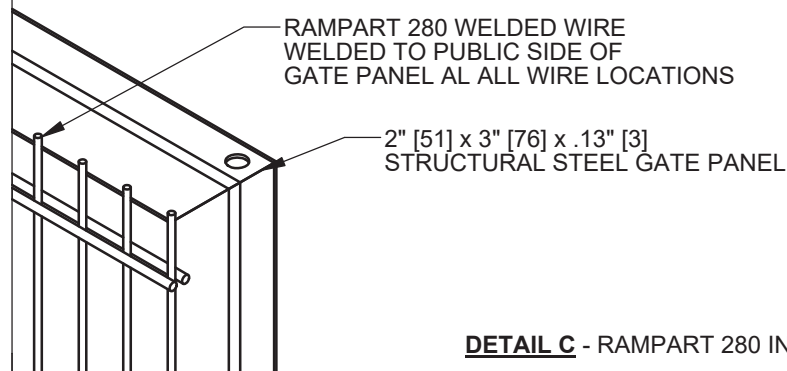
OPTIONS:

- CONCRETE TEMPLATE & ANCHOR BOLT KIT
- VEHICLE DETECTION LOOP RELAYS
- VEHICLE DETECTION LOOPS, DIRECT BURIAL OR SAW CUT
- SURFACE MOUNTED CENTER CATCH
- 4" [102] RED / GREEN LED TRAFFIC LIGHT
- 5" AMBER LOW PROFILE STROBE LIGHT
- ANTI - CLIMB
- BARBED WIRE
- PANEL EXTENSIONS
- ACCESS CONTROL PEDESTALS
- BOLLARDS / BOLLARD COVERS

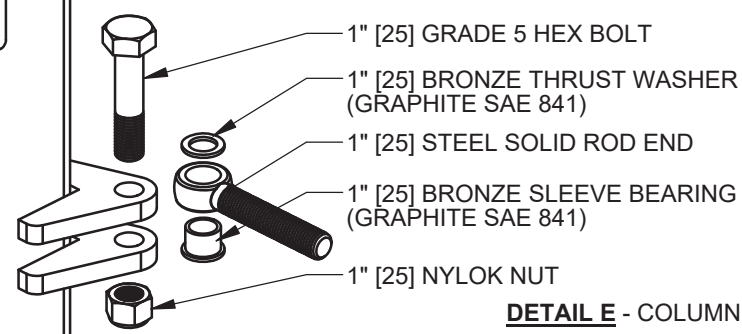


PANELS HAVE AN ADDITIONAL
3.0 [76] x 2.0 [51] x .13 [3] HSS
VERTICAL MEMBER @ CENTERLINE
OF PANEL

DETAIL C2



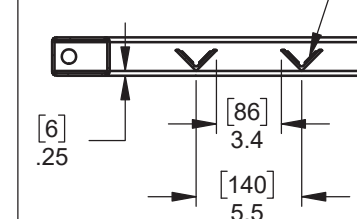
DETAIL C - RAMPART 280 INFILL



DETAIL E - COLUMN HINGE

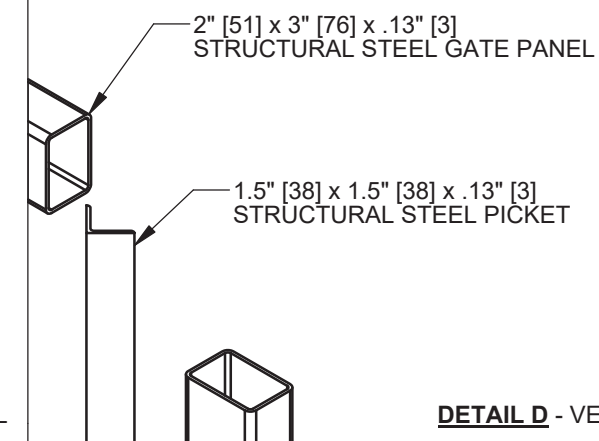
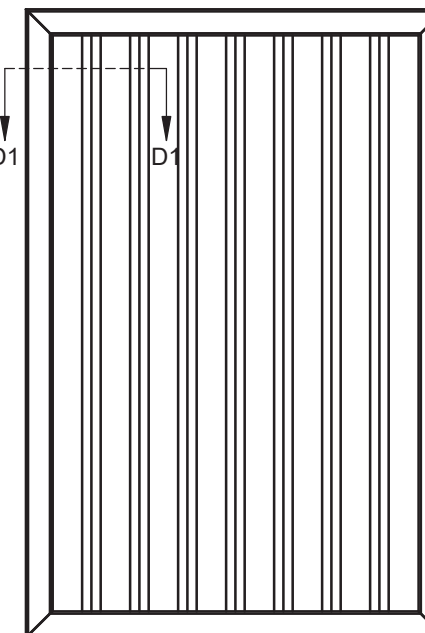
DETAIL D1

PICKETS ARE WELDED
TO GATE PANEL ON
INNER FACE OF PICKET

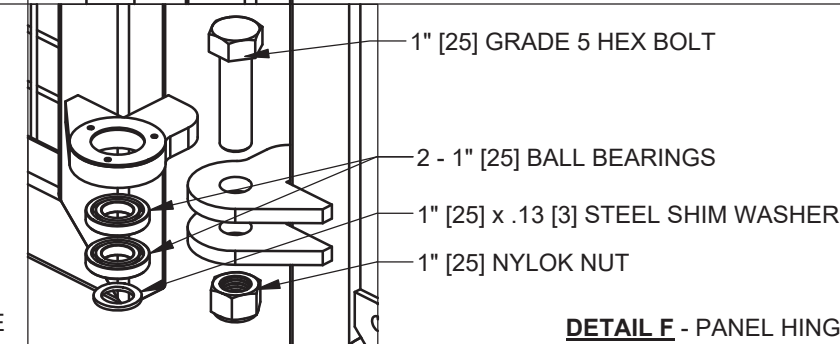


PUBLIC SIDE

DETAIL D2



DETAIL D - VERTICAL PICKET INFILL



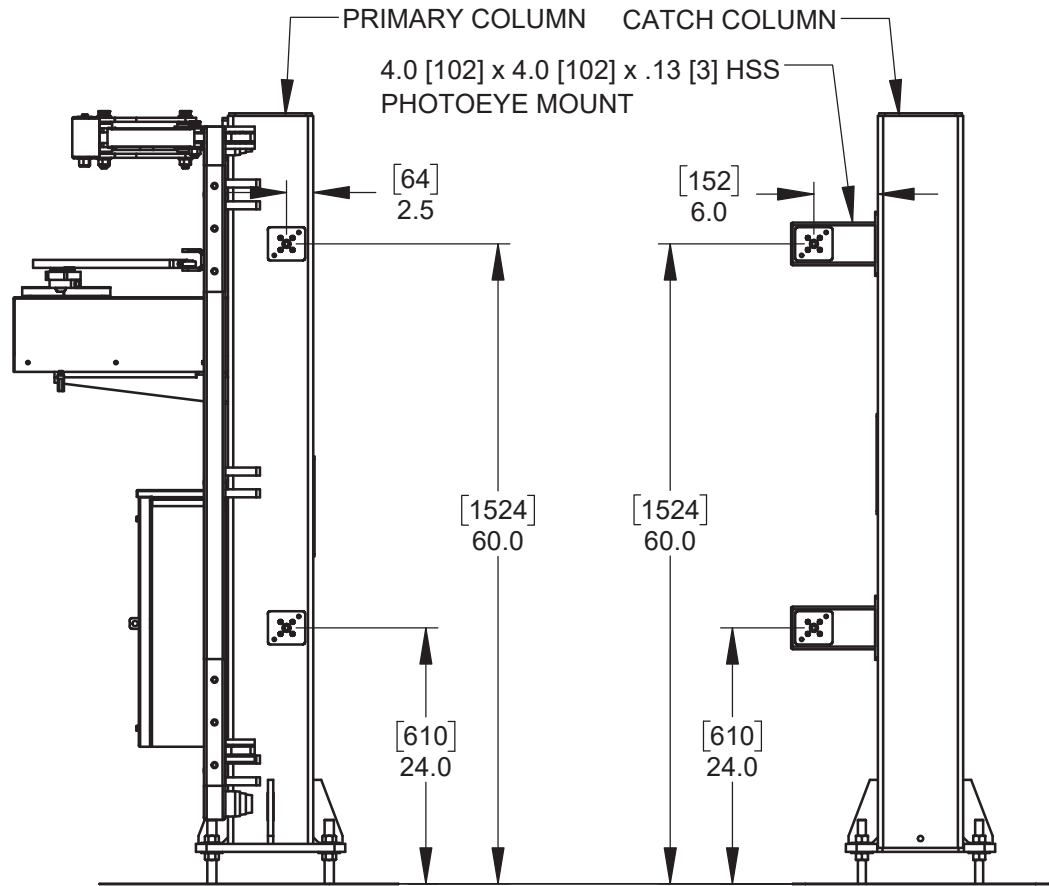
DETAIL F - PANEL HINGE



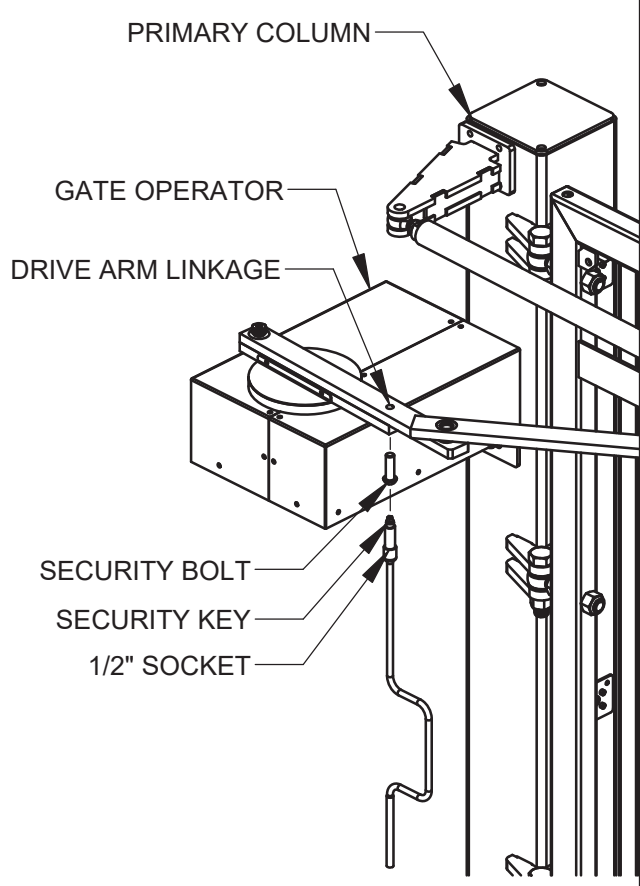
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Description: FOLDSMART XT, 2-FOLD (C1) TRACKLESS BI-FOLDING GATE SYSTEM			
Customer:			
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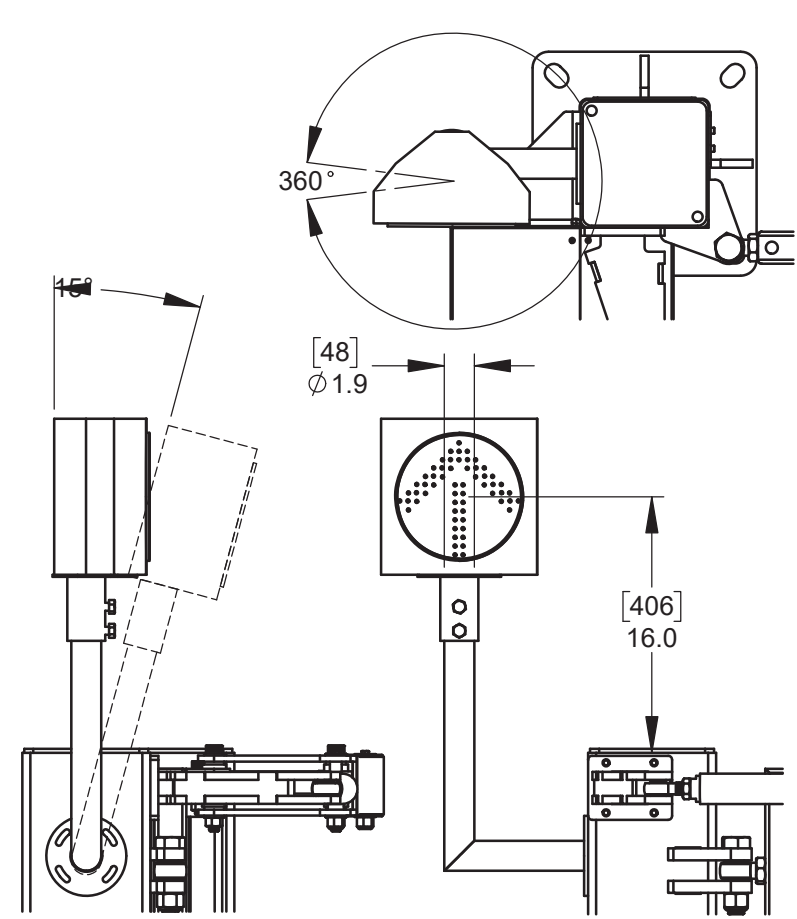
DETAIL G - PHOTOEYES



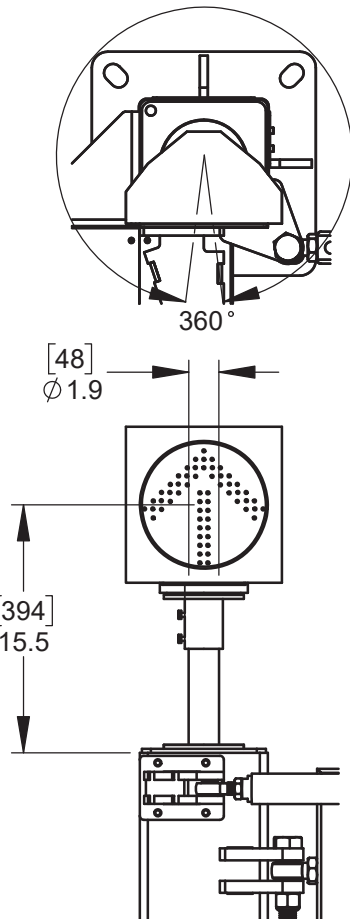
DETAIL H - MANUAL OPERATION RELEASE



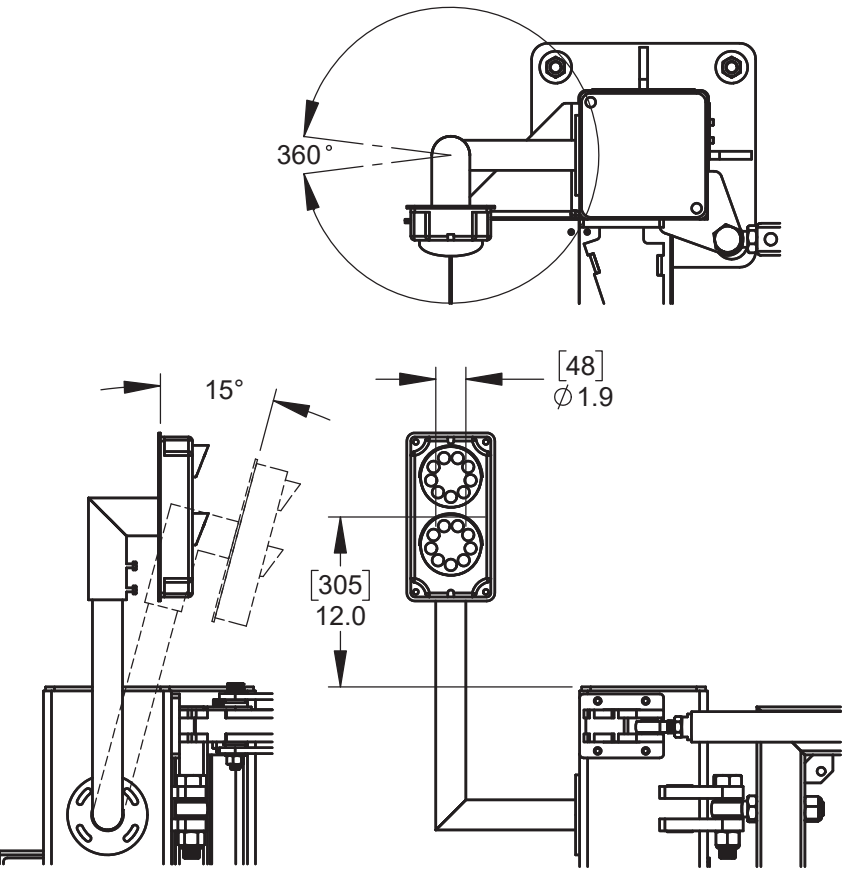
DETAIL I1 - 8" [203] RED / GREEN LED TRAFFIC LIGHT (SIDE MOUNT)



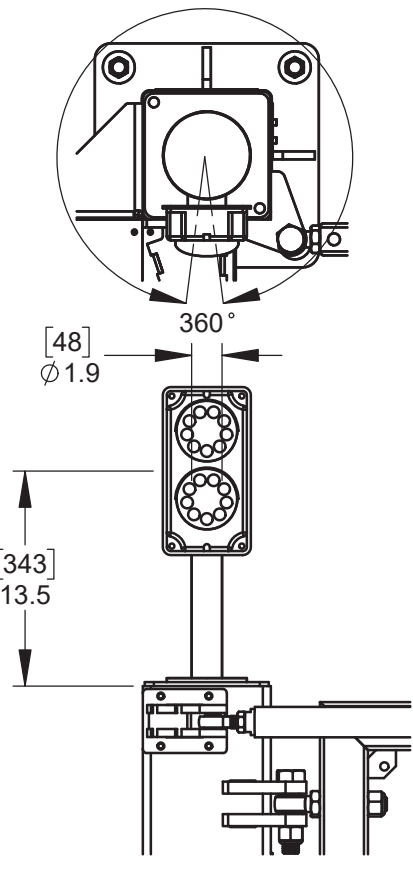
DETEL I2 - (TOP MOUNT)



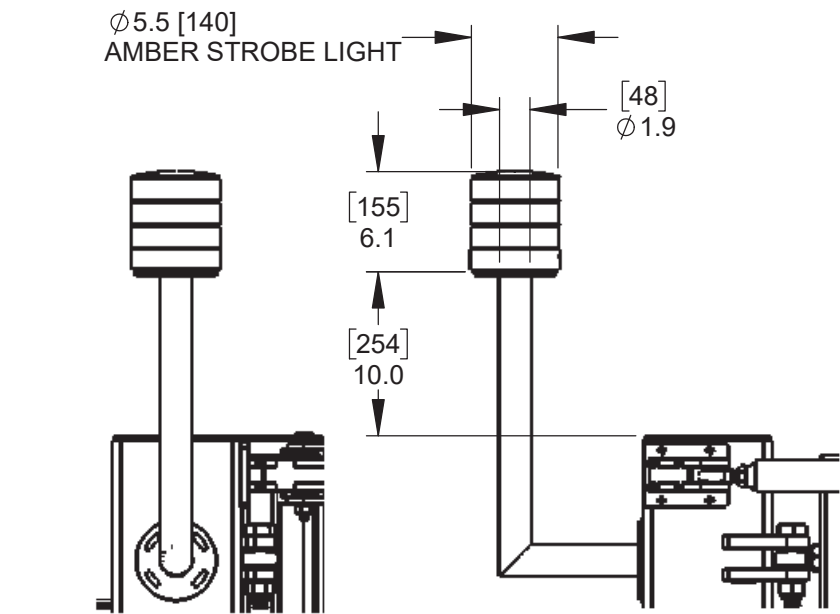
DETAIL J1 - 4" [102] RED / GREEN LED TRAFFIC LIGHT (SIDE MOUNT)



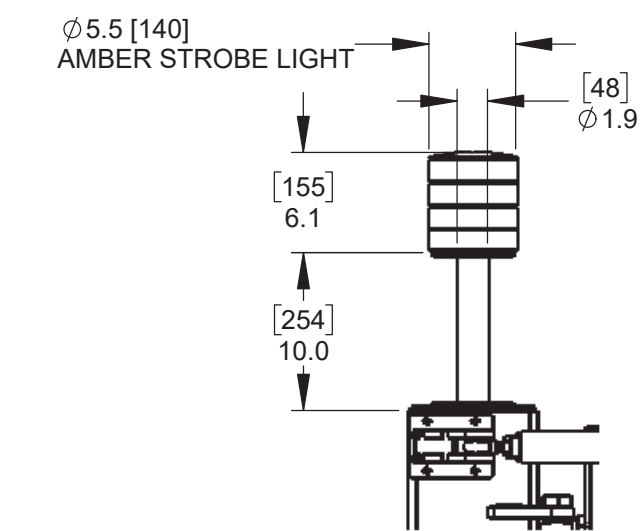
DETAIL J2 - (TOP MOUNT)



DETAIL K1 - STROBE LIGHT (SIDE MOUNT)



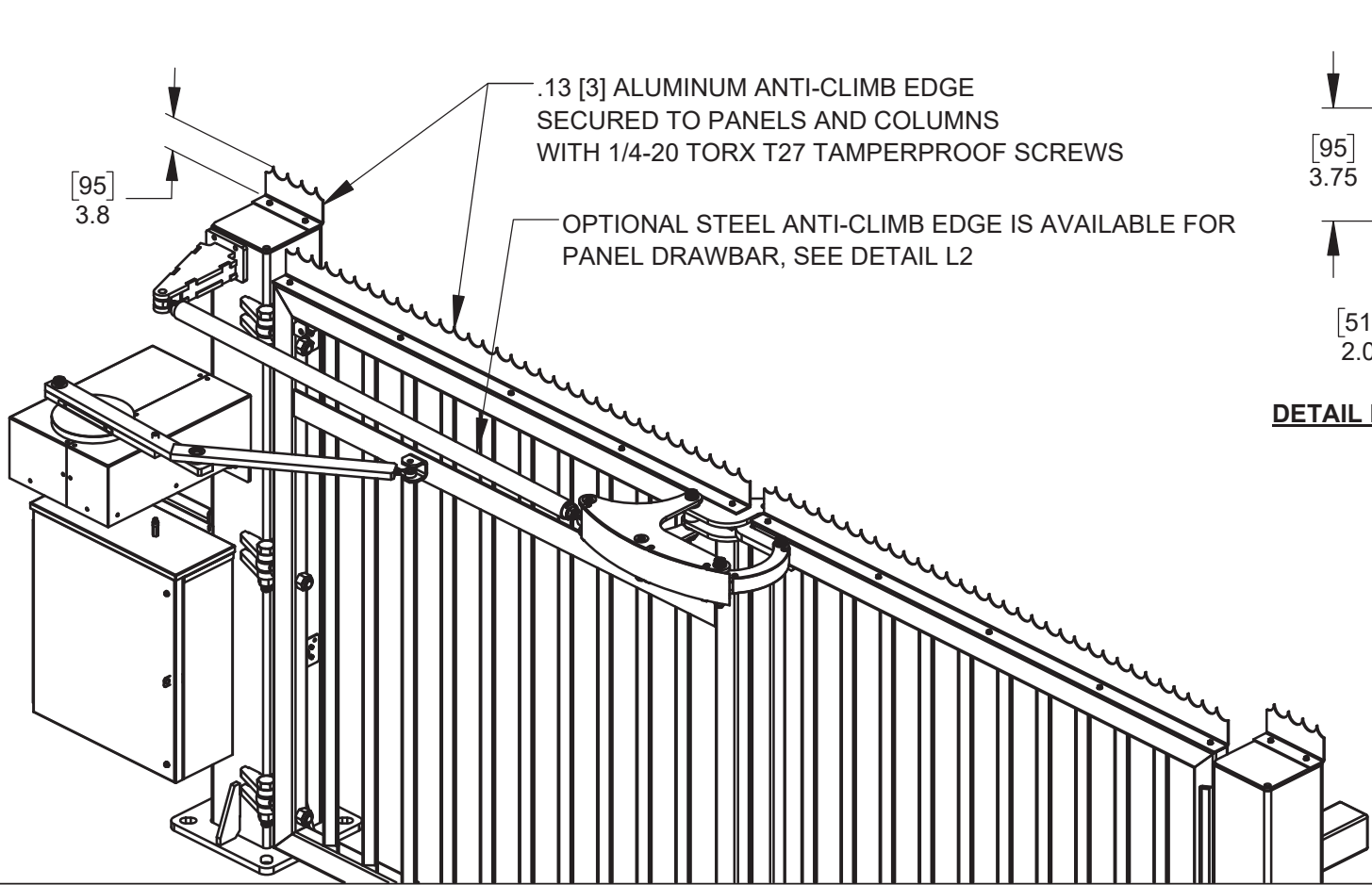
DETAIL K2 - (TOP MOUNT)



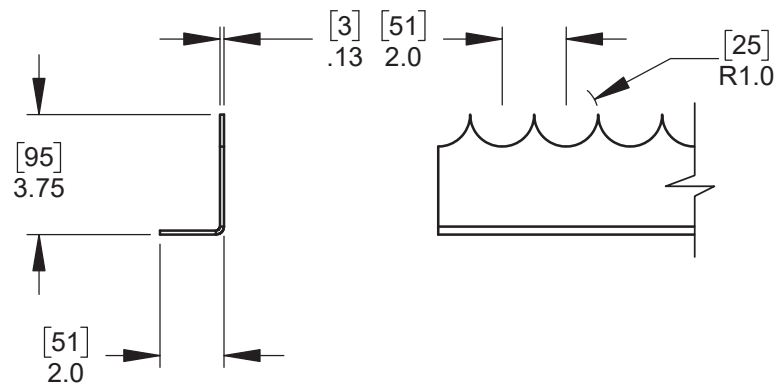
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Description: FOLDSMART XT, 2-FOLD (C1) TRACKLESS BI-FOLDING GATE SYSTEM		
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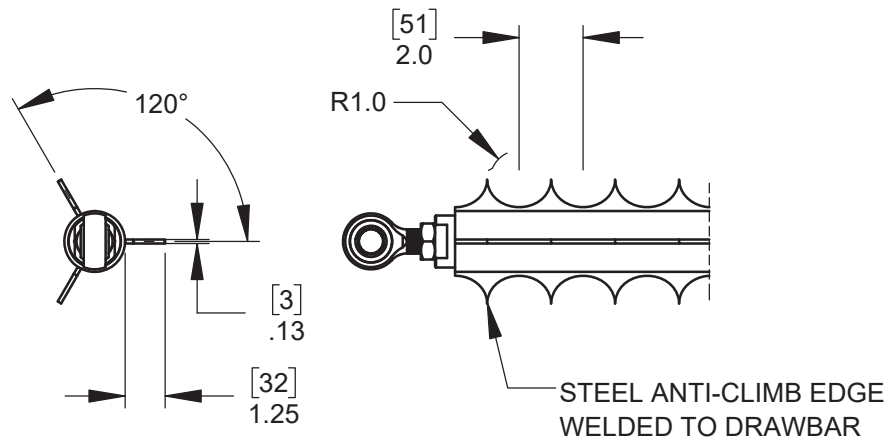
DETAIL L - ALUMINUM ANTI-CLIMB EDGE



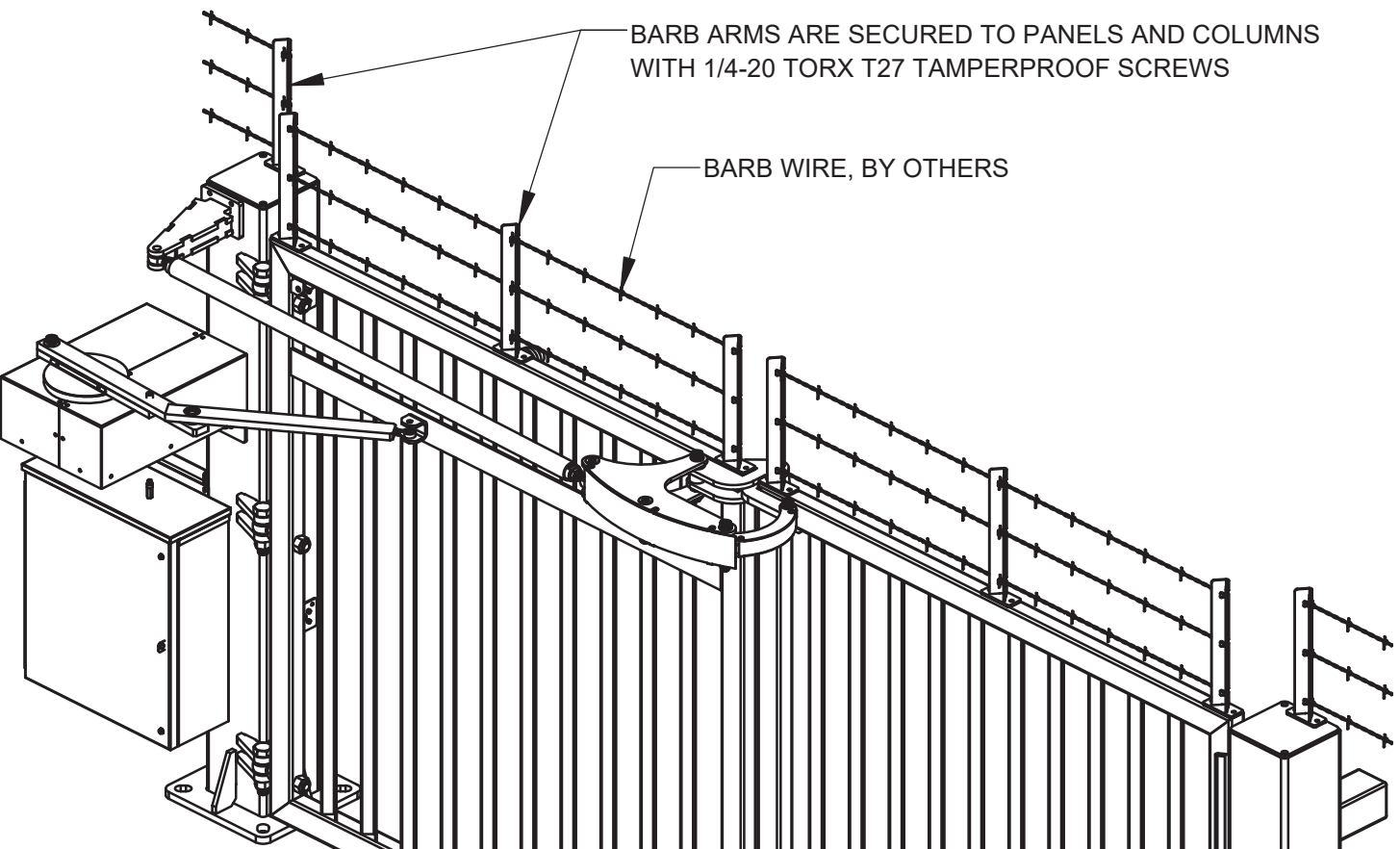
DETAIL L1 - STANDARD PANEL / COLUMN ALUMINUM ANTI-CLIMB EDGE



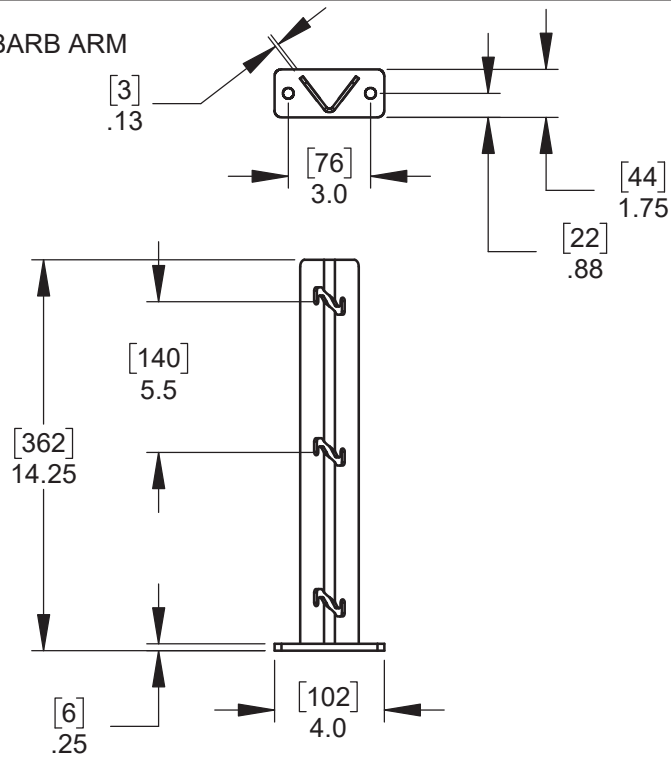
DETAIL L2 - OPTIONAL DRAWBAR STEEL ANTI-CLIMB EDGE



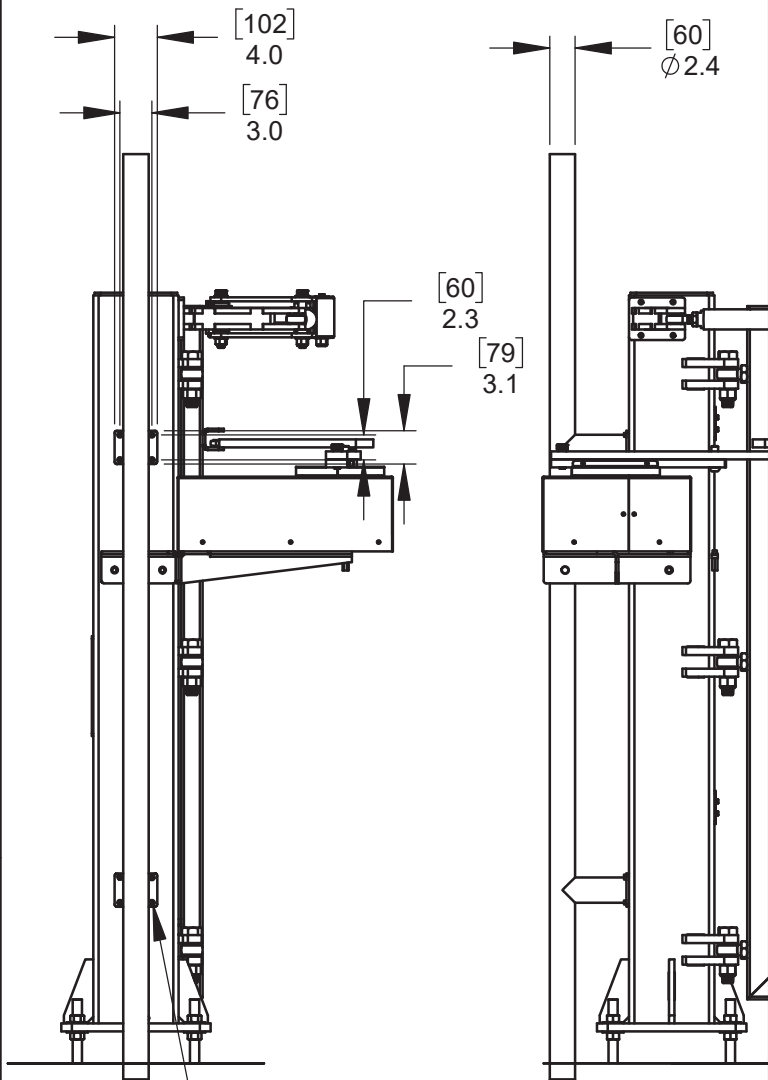
DETAIL M - BARB WIRE ANTI-CLIMB



DETAIL M1 - .13 [3] STEEL BARB ARM



DETAIL N - FENCE MOUNTS



FENCE MOUNTS ARE SUPPLIED LONG TOP & BOTTOM FOR FIELD TRIMMING AFTER GATE INSTALLATION AND LEVELING IS COMPLETE. FENCE MOUNTS HEIGHTS CAN BE ADJUSTED TO SUIT NEW OR EXISTING FENCE LINES.

Description:
**FOLDSMART XT, 2-FOLD (C1)
TRACKLESS BI-FOLDING GATE SYSTEM**

Customer:		Date: 4/23/2024	
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