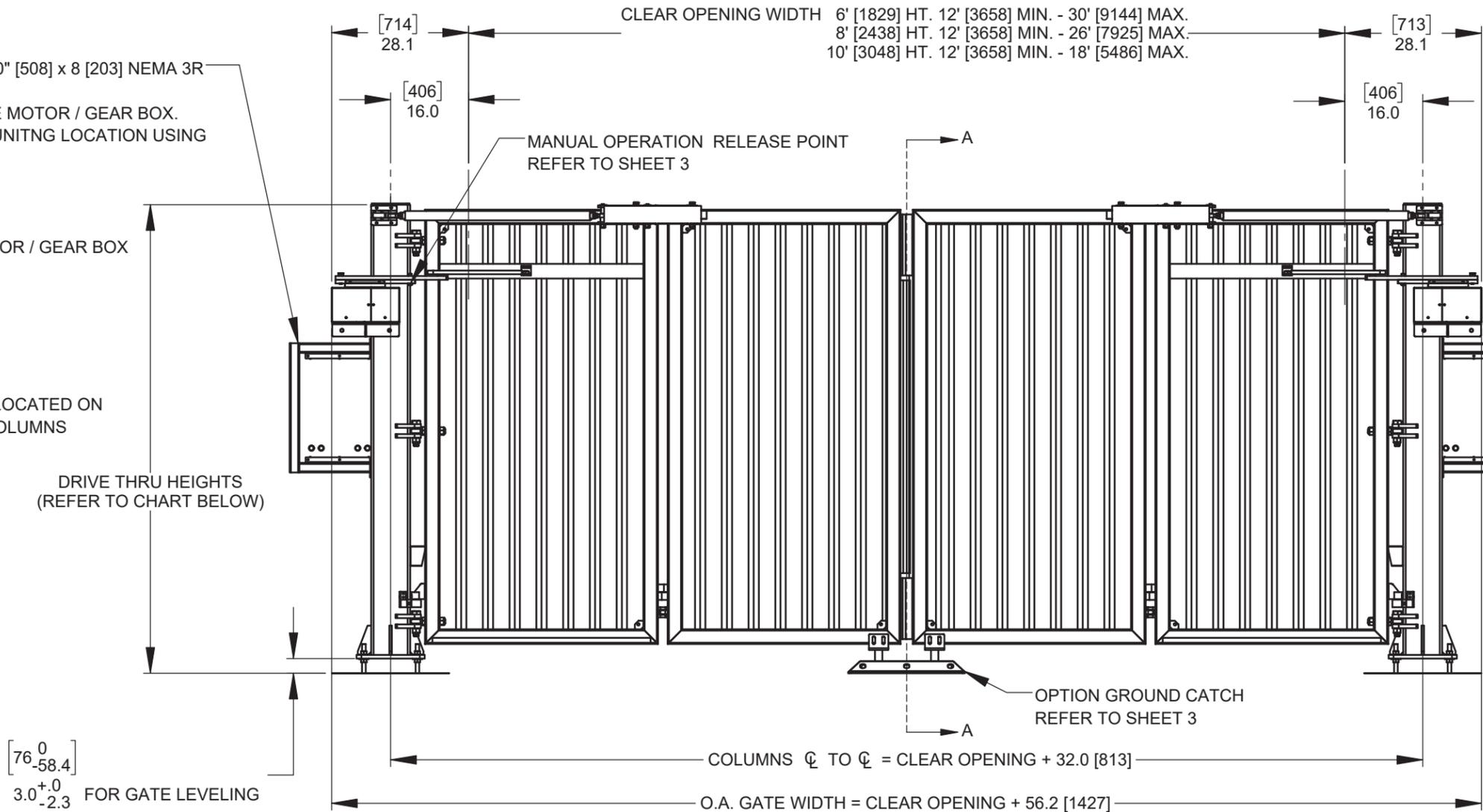
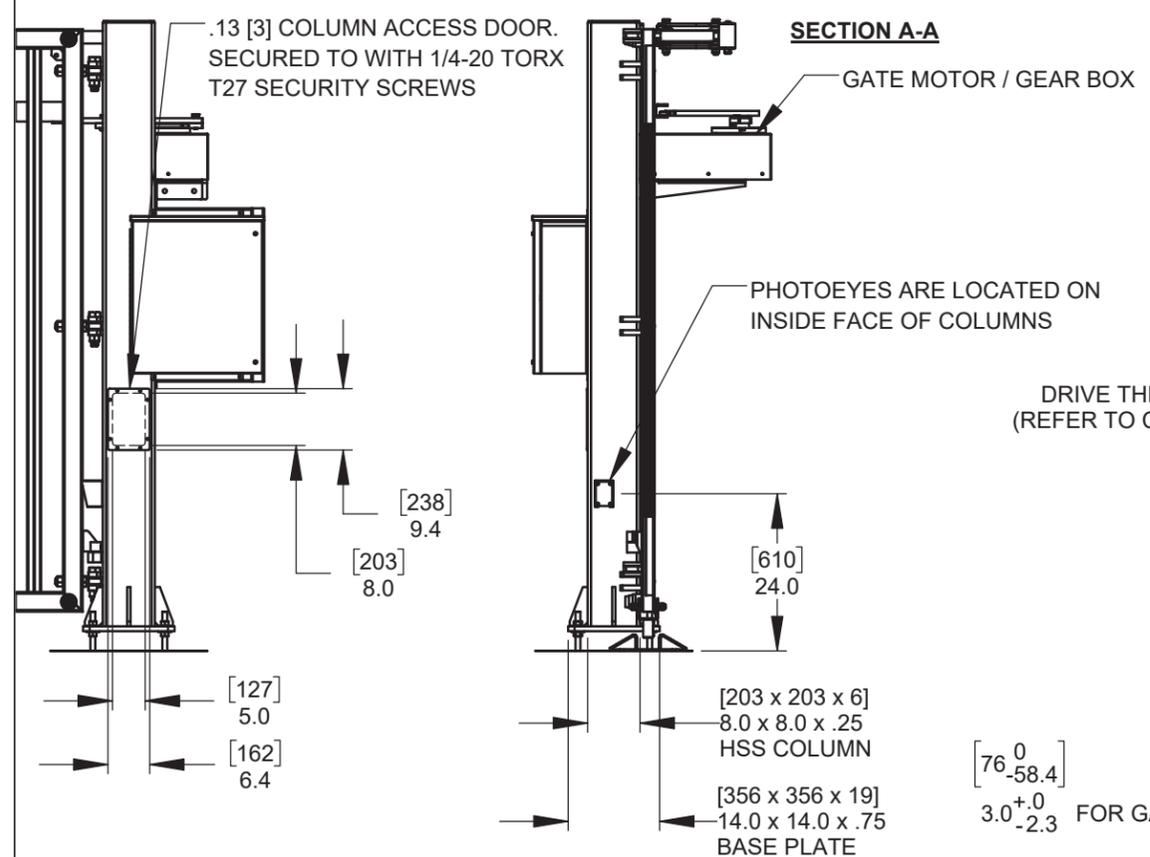


DETAIL A - VERTICAL PANEL CATCH
 .13 [3] STEEL CATCH — NYLON CATCH BLOCK

ELECTRICAL CONTROLLERS ARE MOUNTED IN A 24" [610] x 20" [508] x 8 [203] NEMA 3R ENCLOSURE. (1 PER GATE OPERATOR)
 ENCLOSURES MUST BE MOUNTED WITHIN 10' [3048] OF GATE MOTOR / GEAR BOX.
 ENCLOSURES ARE SHOWN IN RECOMMENDED COLUMN MOUNTING LOCATION USING SUPPLIED MOUNTING BRACKETS.



NOTE
 GATE IS PREPARED FOR FIELD INSTALLATION OF SENSING EDGES PER UL UPDATE

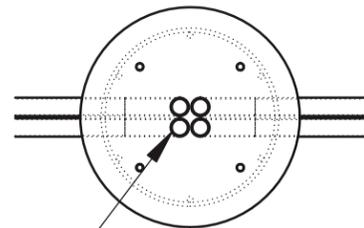
DIMENSIONS ARE IN INCHES, DIMENSIONS SHOWN IN [] ARE IN MILLIMETERS.

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

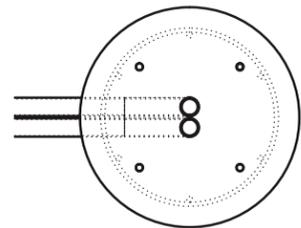
DRIVE THRU HEIGHTS	
6ft	72" [1829]
8ft	96" [2438]
10ft	120" [3048]

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Description: FOLDSMART XT TRACKLESS BI-FOLDING GATE SYSTEM STANDARD DIMENSIONS		
Customer / Project Name:		
Finish: SEE FINISH NOTES	Date: 3/27/2025	
Drawing No. FSXT-01-30-19	Rev. D	Sheet: 1 of 6



4 PCES. 1" [25] CONDUIT - BY OTHERS
2 IN PRIMARY COLUMN, FROM INCOMING
POWER SUPPLY / ACCESS CONTROL.
2 IN SECONDARY COLUMN FROM PRIMARY
COLUMN.

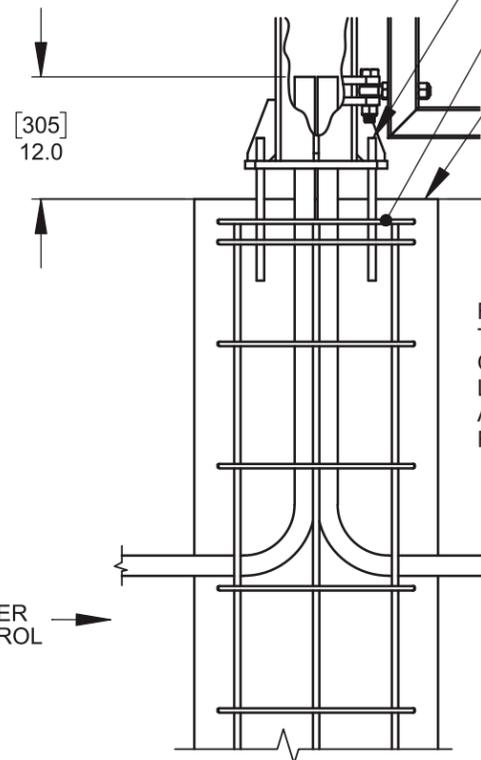


NOTE:
PRIMARY COLUMN IS THE COLUMN
WITH INCOMING POWER AND ACCESS
CONTROL CONDUIT.

.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]



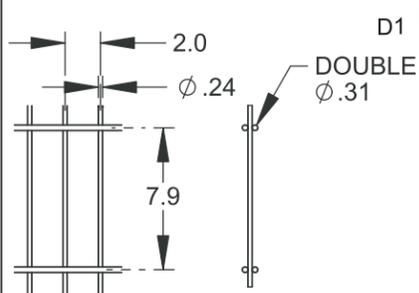
RECOMMENDED CONDUIT DEPTH 36.0 [914]
TO SUIT FACTORY SUPPLIED WIRE HARNESS
CONDUIT DEPTH CAN BE INCREASED TO SUIT
LOCAL CODE REQUIREMENTS. MUST BE SPECIFIED
AT TIME OF ORDER. REFER TO CONTROLLER NOTE
FOR MAX. WIRE HARNESS LENGTH.

INCOMING POWER
/ ACCESS CONTROL

TO SECONDARY
GATE COLUMN

DETAIL B - COLUMN FOUNDATIONS

DETAIL D1



2.0

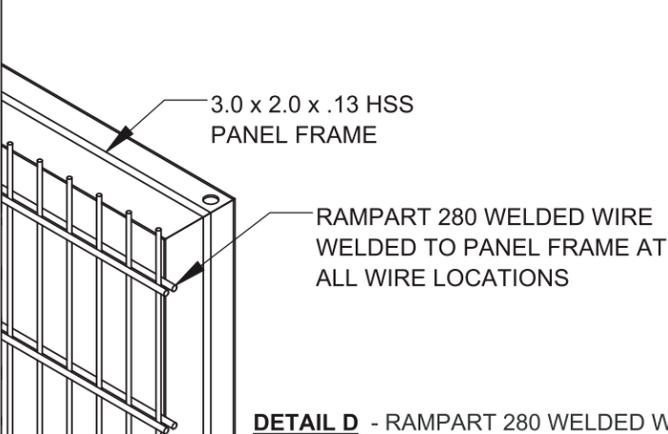
ϕ .24

7.9

DOUBLE
 ϕ .31

GATES LARGER THAN 20' [6M]
WILL HAVE ADDITIONAL VERTICAL
2.0 [51] x 3.0 [76] x .13 [3] HSS
WELDED @ ϕ OF PANEL

DETAIL D2



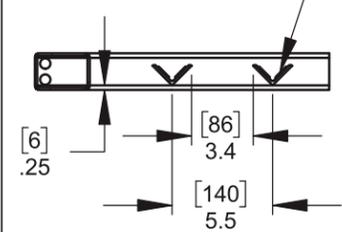
3.0 x 2.0 x .13 HSS
PANEL FRAME

RAMPART 280 WELDED WIRE
WELDED TO PANEL FRAME AT
ALL WIRE LOCATIONS

DETAIL D - RAMPART 280 WELDED WIRE INFILL

DETAIL E1

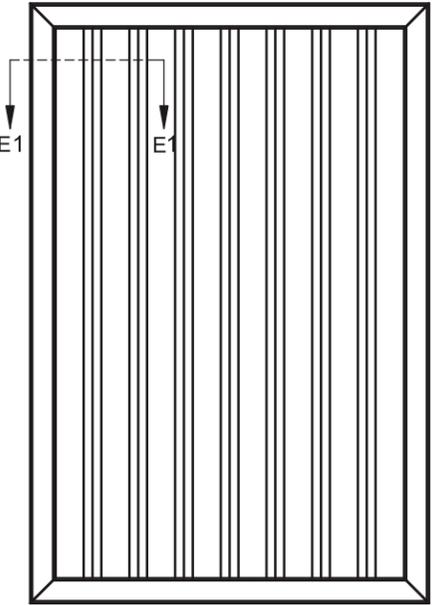
PICKETS ARE WELDED
TO GATE PANEL ON
INNER FACE OF PICKET



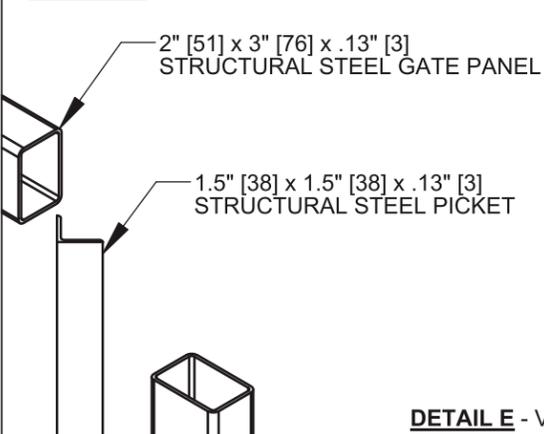
[6]
.25

[86]
3.4

[140]
5.5



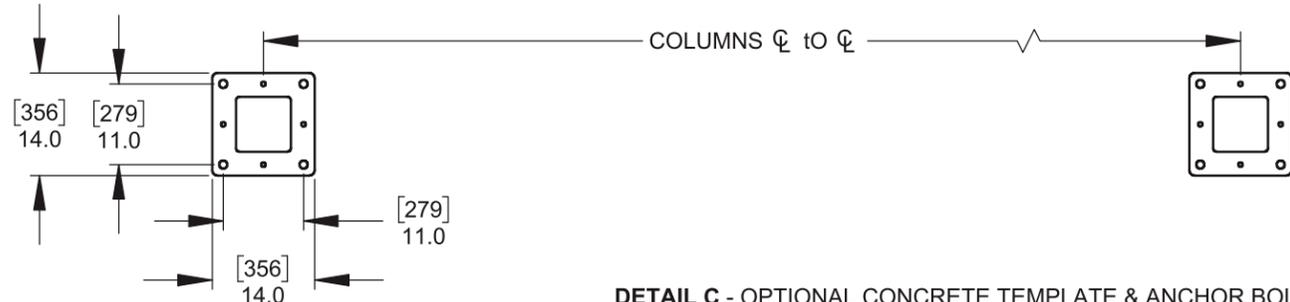
DETAIL E2



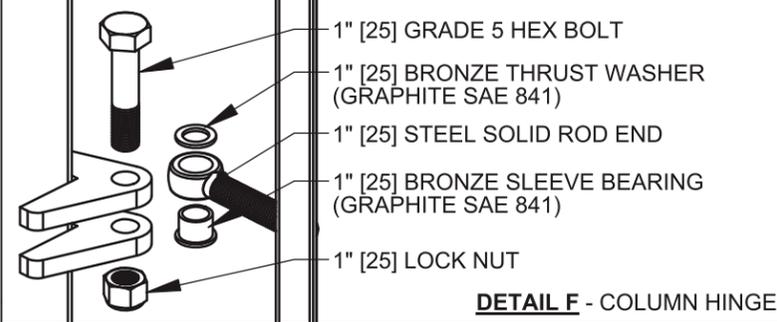
2" [51] x 3" [76] x .13" [3]
STRUCTURAL STEEL GATE PANEL

1.5" [38] x 1.5" [38] x .13" [3]
STRUCTURAL STEEL PICKET

DETAIL E - VERTICAL PICKET INFILL

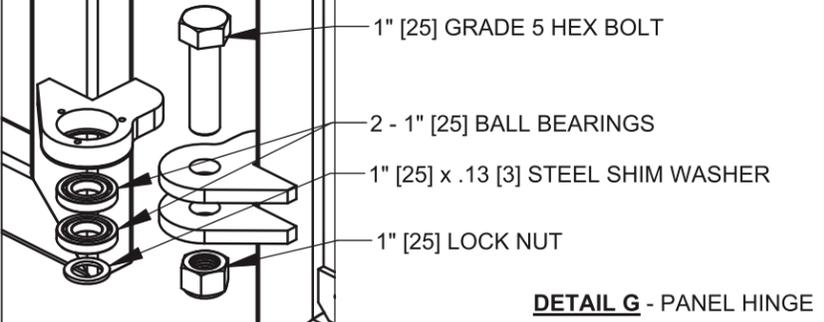


DETAIL C - OPTIONAL CONCRETE TEMPLATE & ANCHOR BOLT KIT



1" [25] GRADE 5 HEX BOLT
1" [25] BRONZE THRUST WASHER
(GRAPHITE SAE 841)
1" [25] STEEL SOLID ROD END
1" [25] BRONZE SLEEVE BEARING
(GRAPHITE SAE 841)
1" [25] LOCK NUT

DETAIL F - COLUMN HINGE



1" [25] GRADE 5 HEX BOLT
2 - 1" [25] BALL BEARINGS
1" [25] x .13 [3] STEEL SHIM WASHER
1" [25] LOCK NUT

DETAIL G - PANEL HINGE

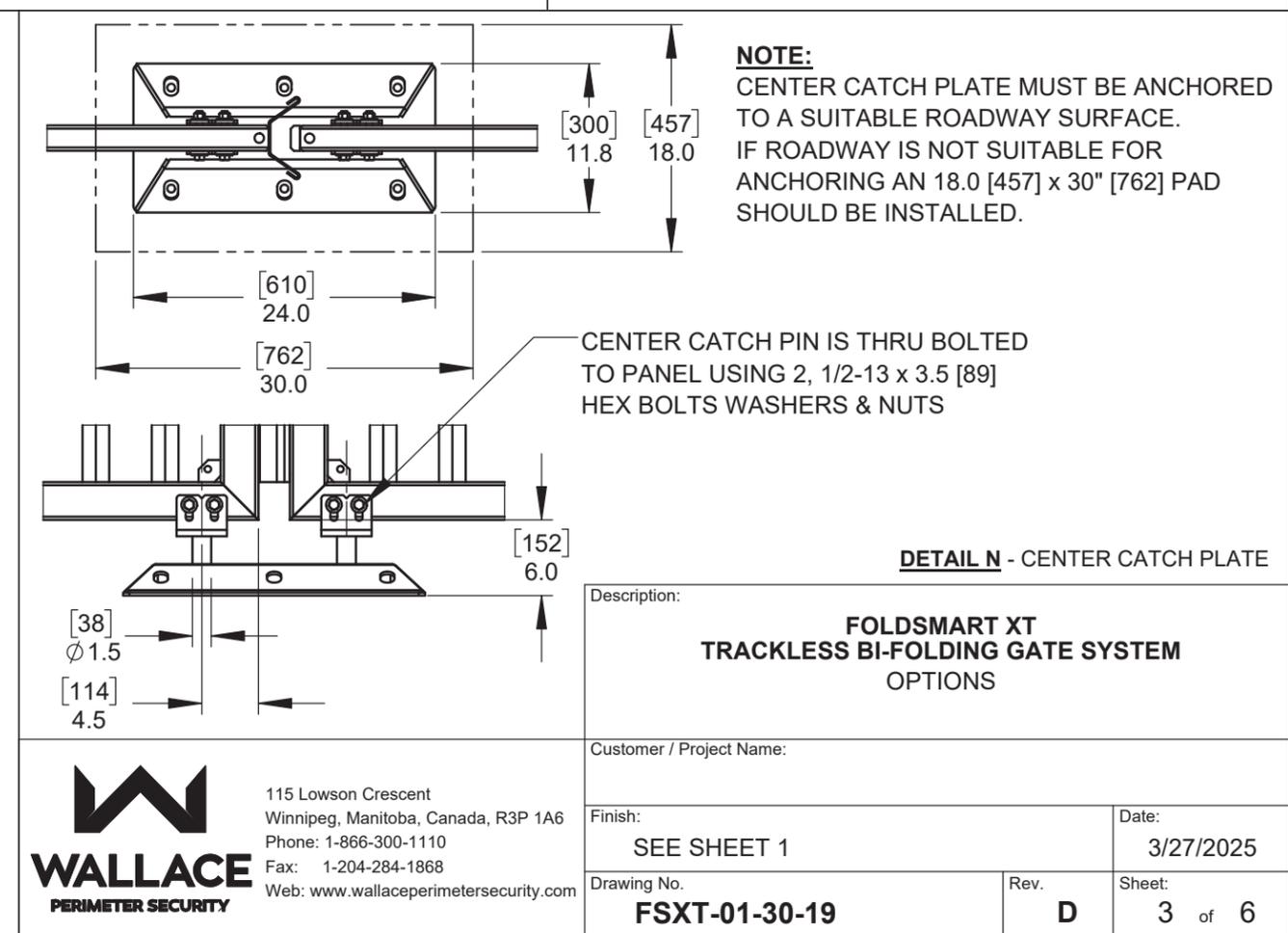
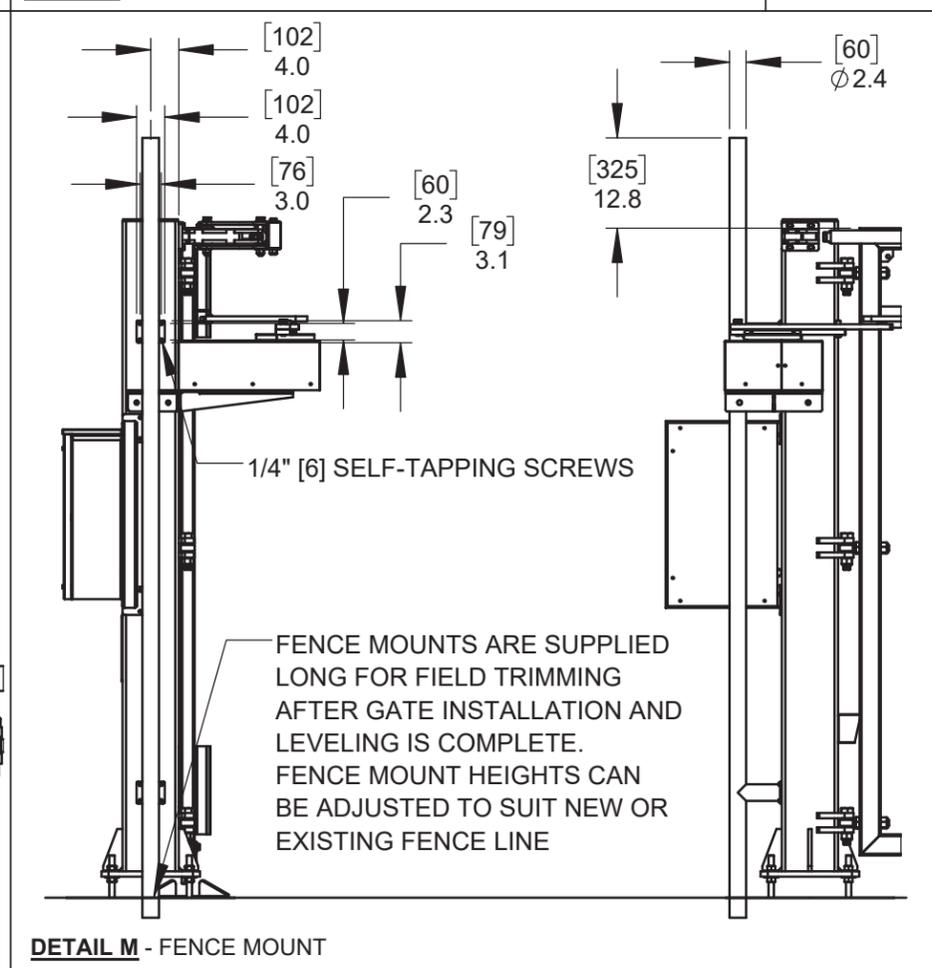
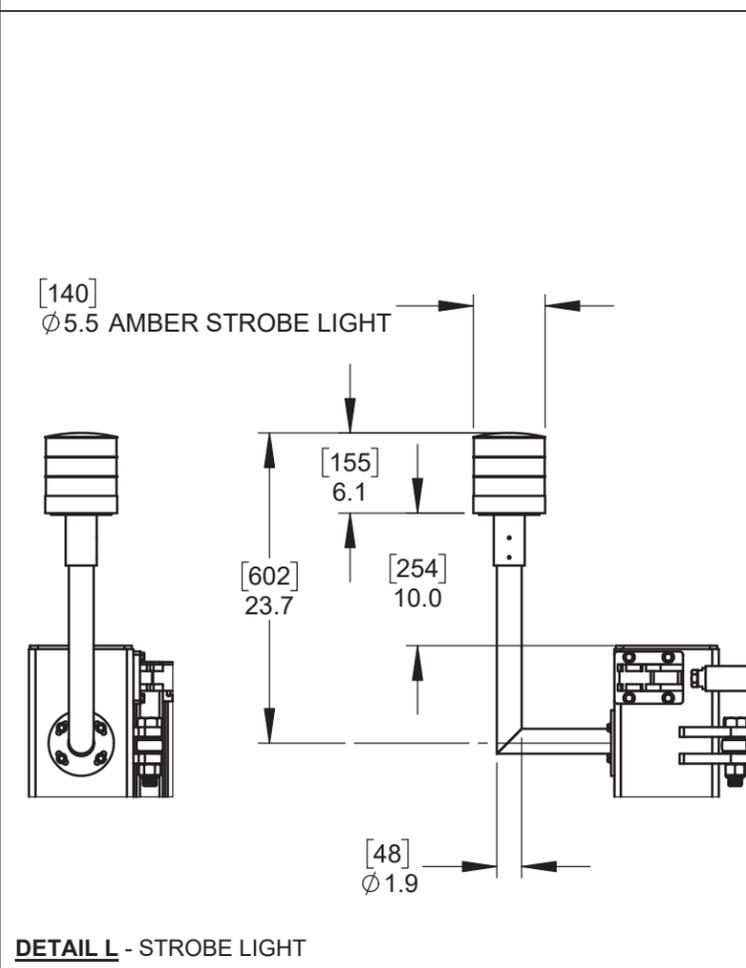
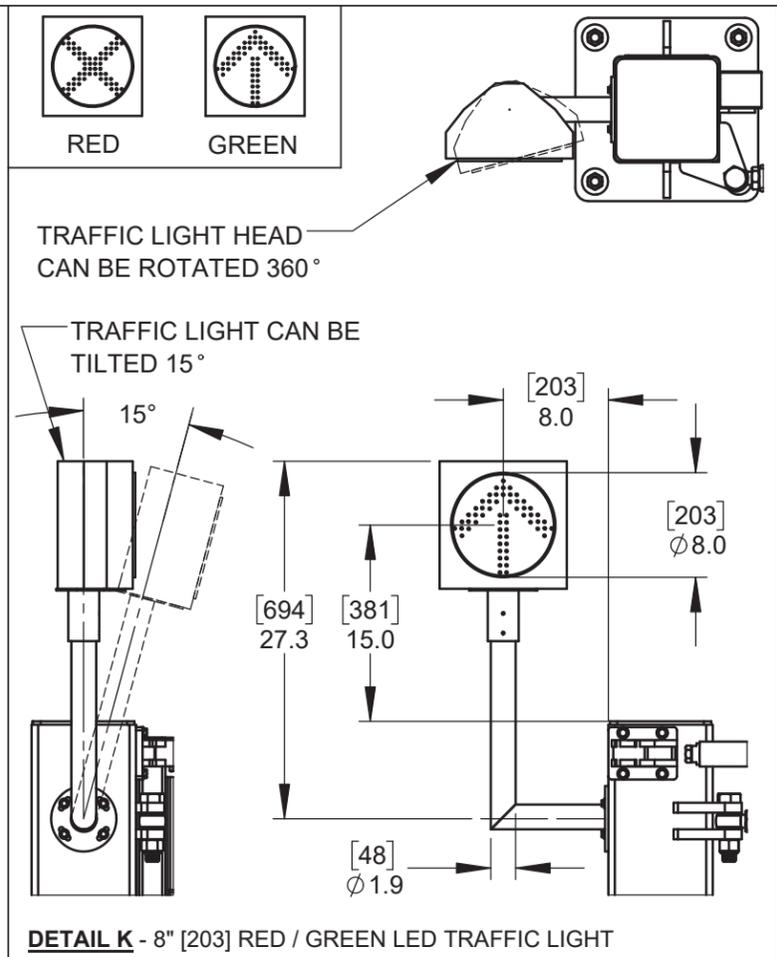
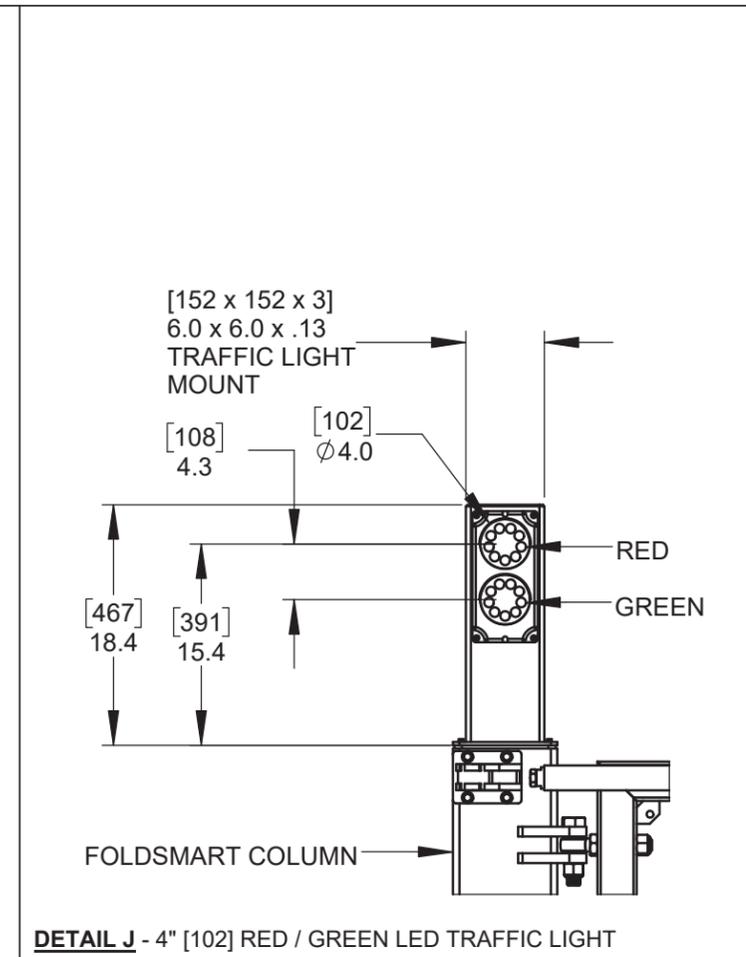
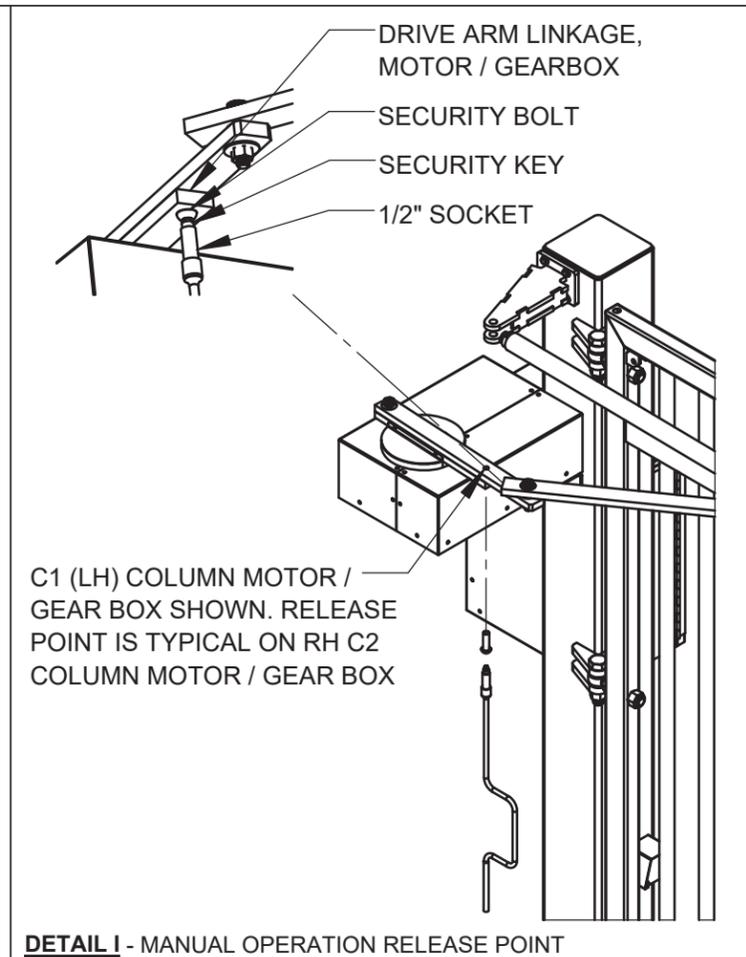
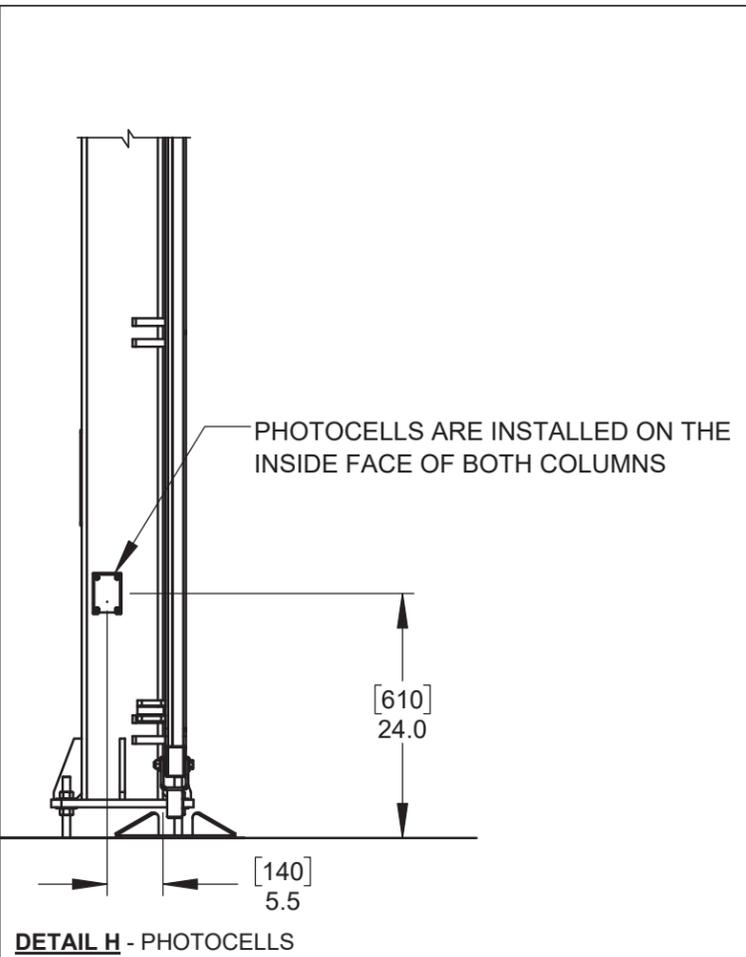
INCLUDED WITH FOLDSMART
- 2 - ELECTRICAL OPERATORS MOUNTED IN 24" [610] x 20" [508] x 8" [203]
NEMA 3R ENCLOSURES.
- KEY FOR MANUAL PANEL RELEASE

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
- AMBER STROBE LIGHT
- ALUMINUM SERRATED ANTI - CLIMB
- BARBED WIRE

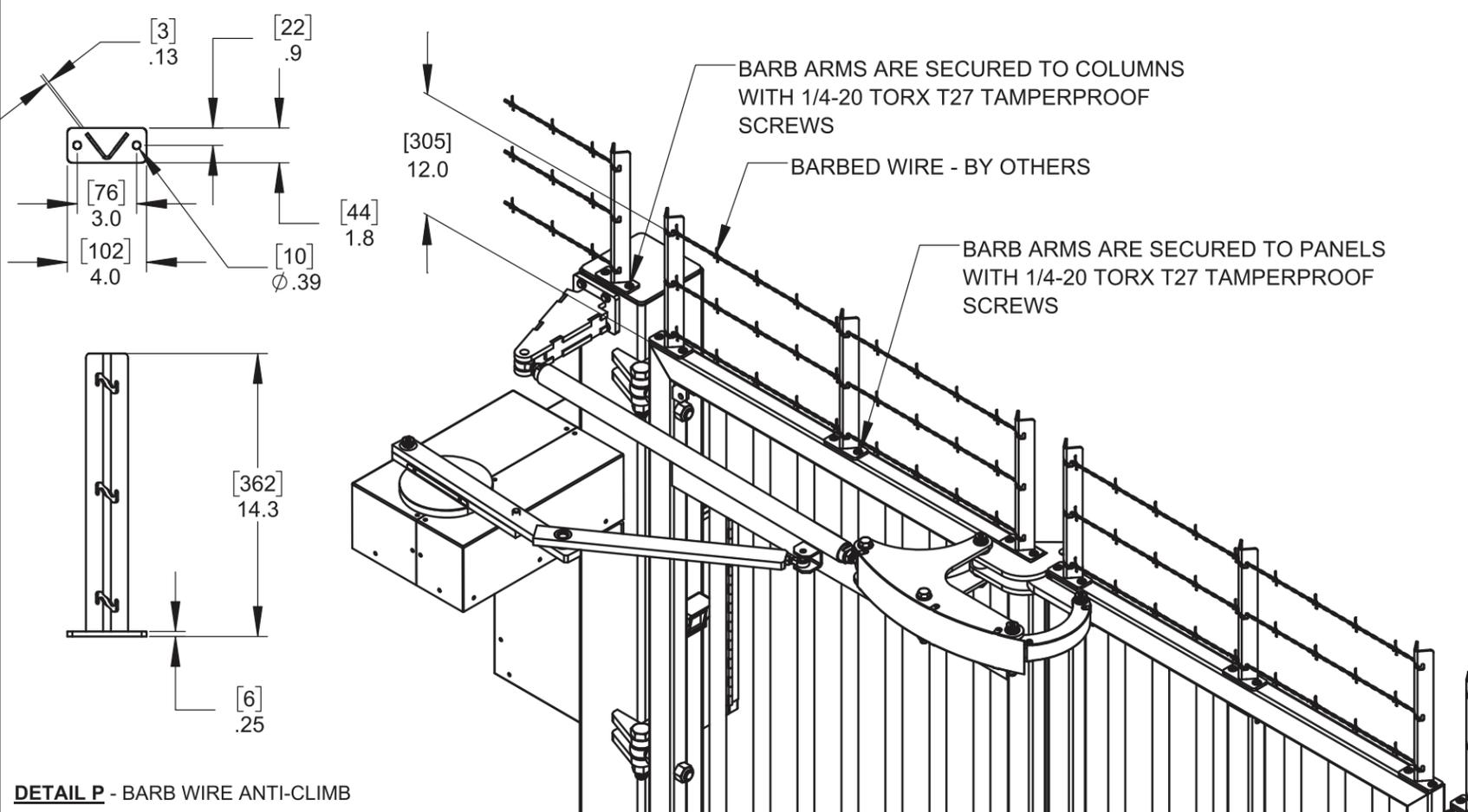
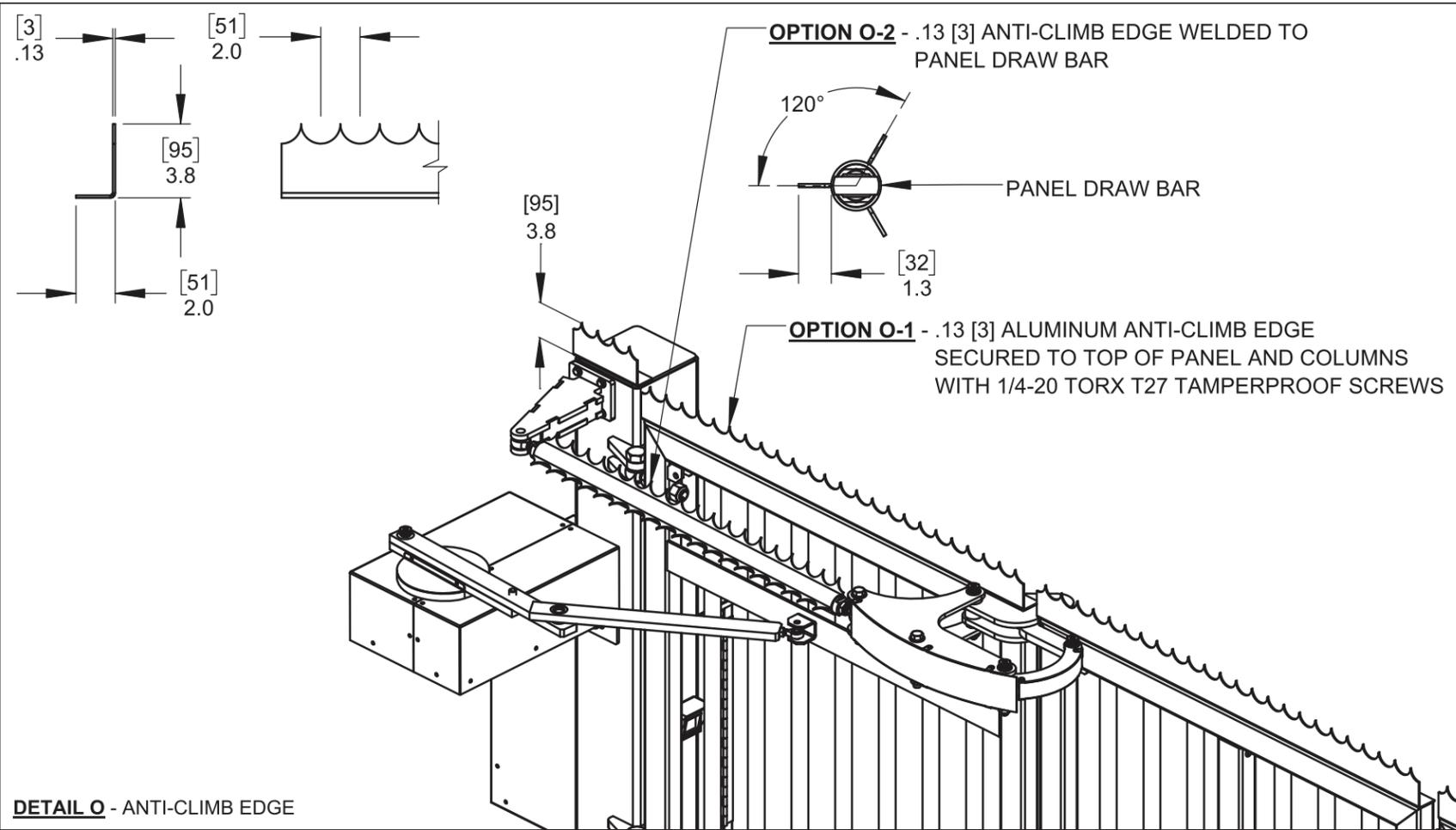
Description:
**FOLDSMART XT
TRACKLESS BI-FOLDING GATE SYSTEM
STANDARD DIMENSIONS**

Customer / Project Name:	
Finish: SEE SHEET 1	Date: 3/27/2025
Drawing No. FSXT-01-30-19	Rev. D
Sheet: 2 of 6	

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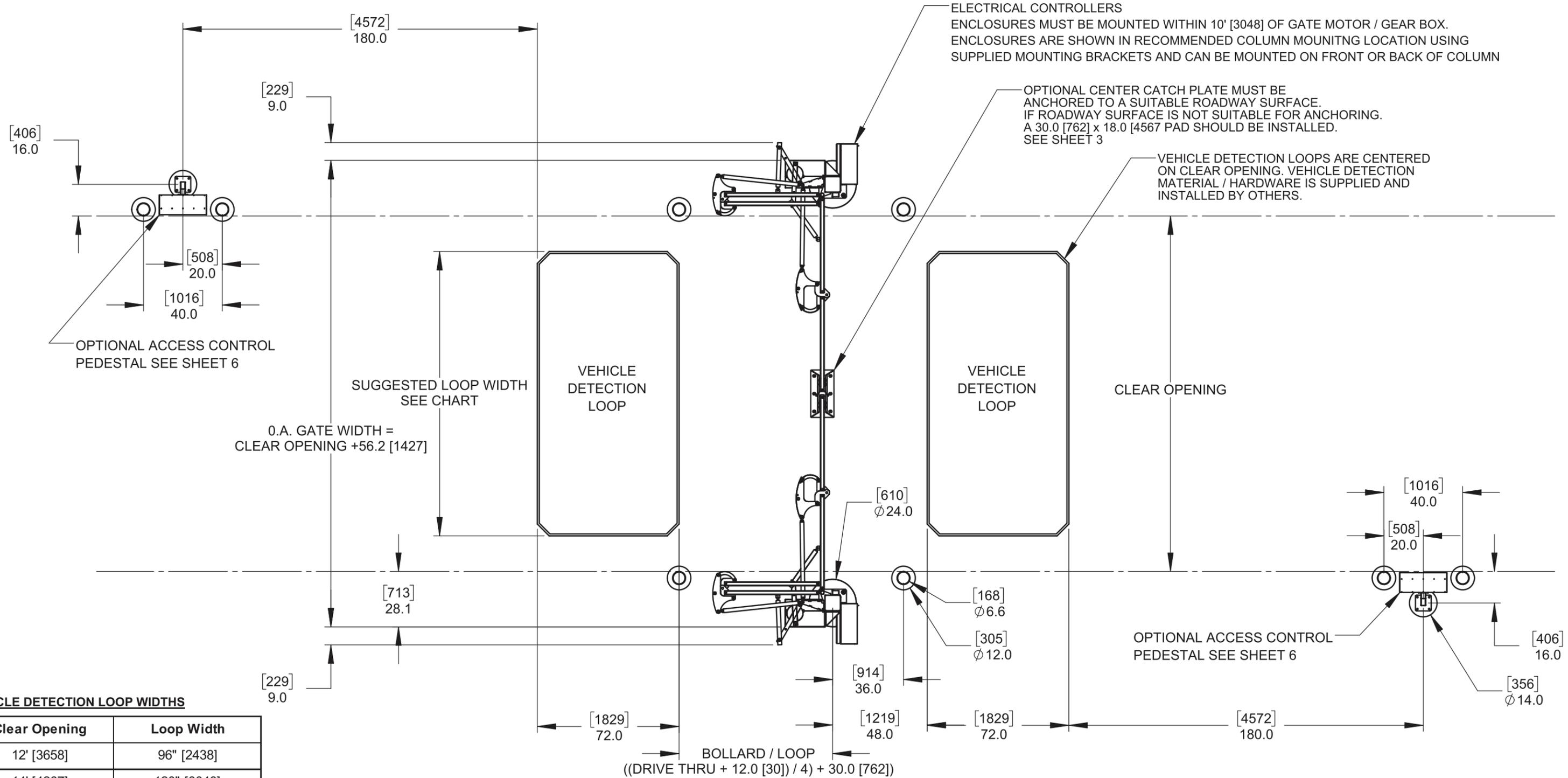
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Description:		FOLDSMART XT TRACKLESS BI-FOLDING GATE SYSTEM OPTIONS	
Customer / Project Name:			
Finish:	SEE SHEET 1	Date:	3/27/2025
Drawing No.	FSXT-01-30-19	Rev.	D
		Sheet:	4 of 6

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VEHICLE DETECTION LOOP WIDTHS

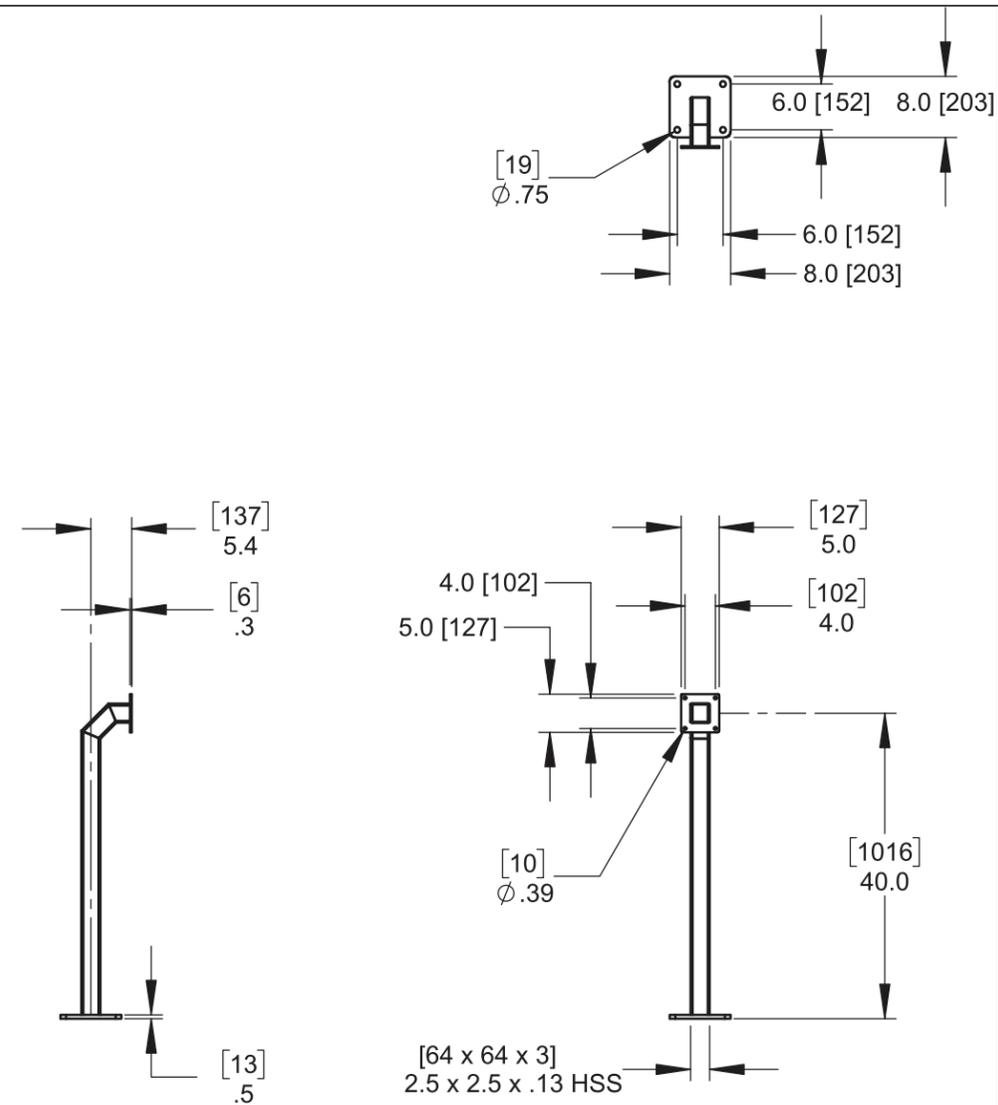
Clear Opening	Loop Width
12' [3658]	96" [2438]
14' [4267]	120" [3048]
16' [4877]	144" [3658]
18' [5486]	168" [4267]
20' [6096]	192" [4877]
22' [6706]	216" [5486]
24' [7315]	240" [6096]
26' [7925]	264" [6706]
28' [8534]	288" [7315]
30' [9144]	312" [7925]

NOTE:
BOLLARDS ARE SHOWN AS A REFERENCE ONLY. ALL FINAL DIMENSIONS
AND MATERIALS ARE SUPPLIED AND INSTALLED BY OTHERS

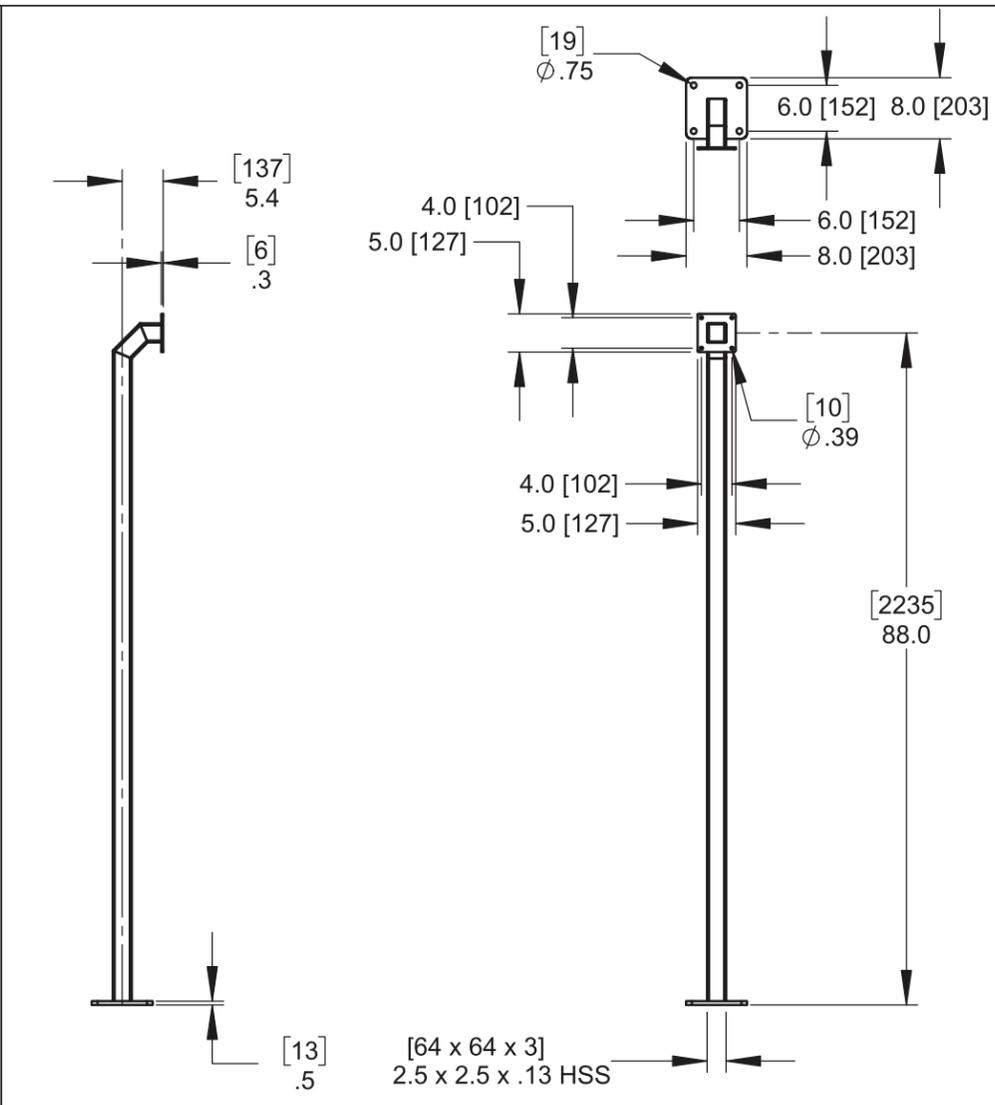


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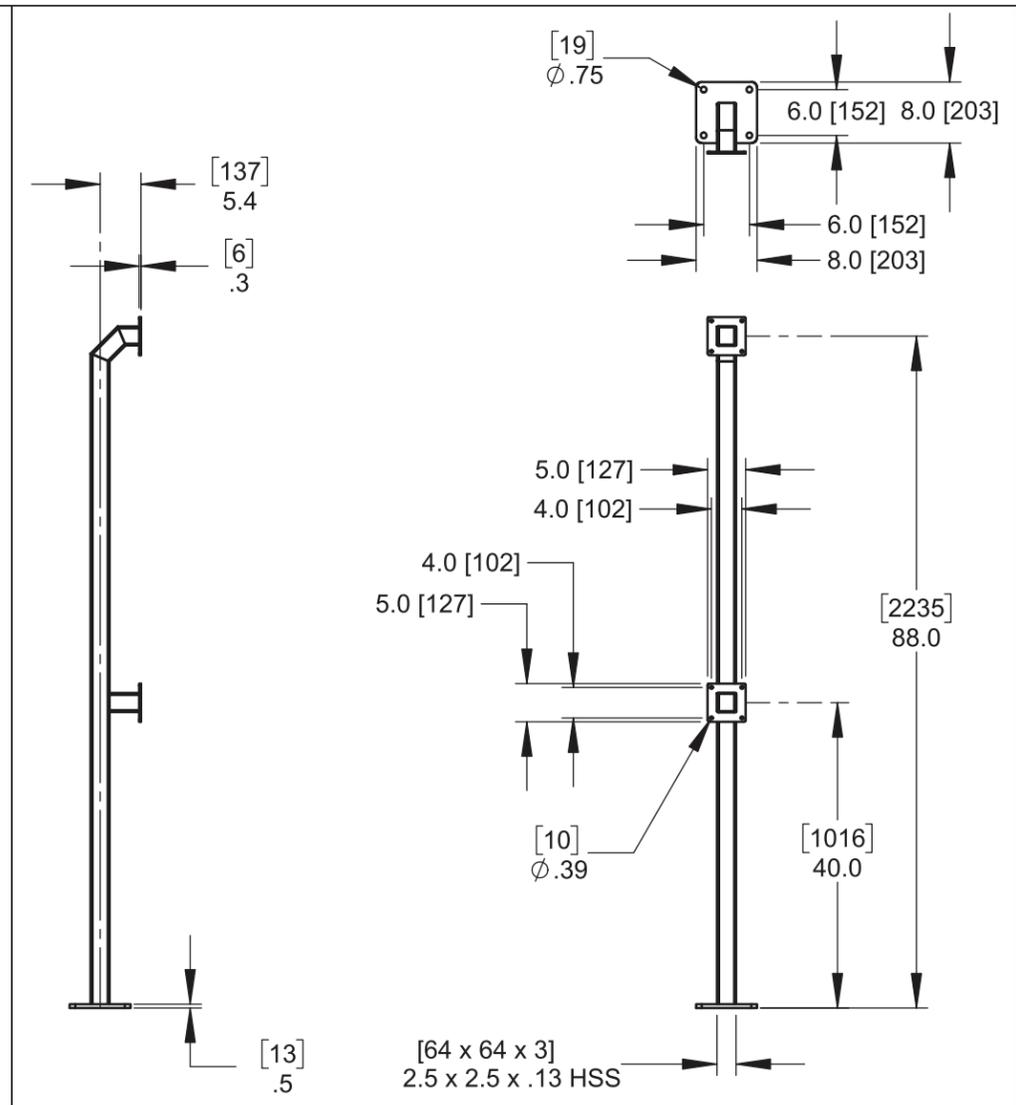
Description: FOLDSMART XT TRACKLESS BI-FOLDING GATE SYSTEM GENERIC SITE LAYOUT		
Customer / Project Name:		
Finish: SEE SHEET 1	Date: 3/27/2025	
Drawing No. FSXT-01-30-19	Rev. D	Sheet: 5 of 6



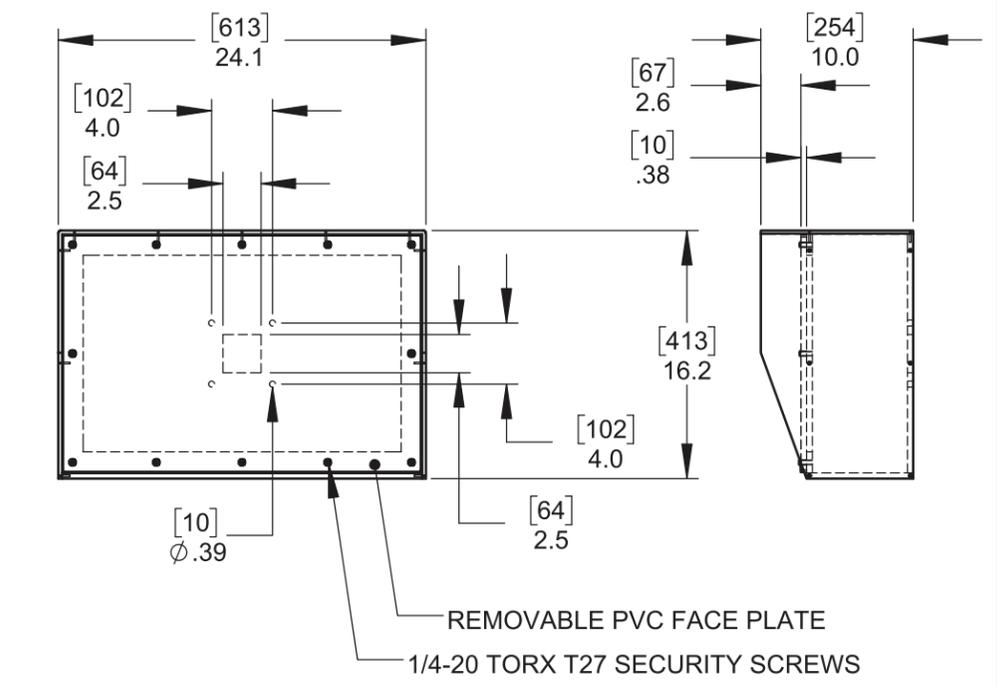
DETAIL Q-1 - SINGLE HEIGHT PEDESTAL STAND 40.0" [1016]



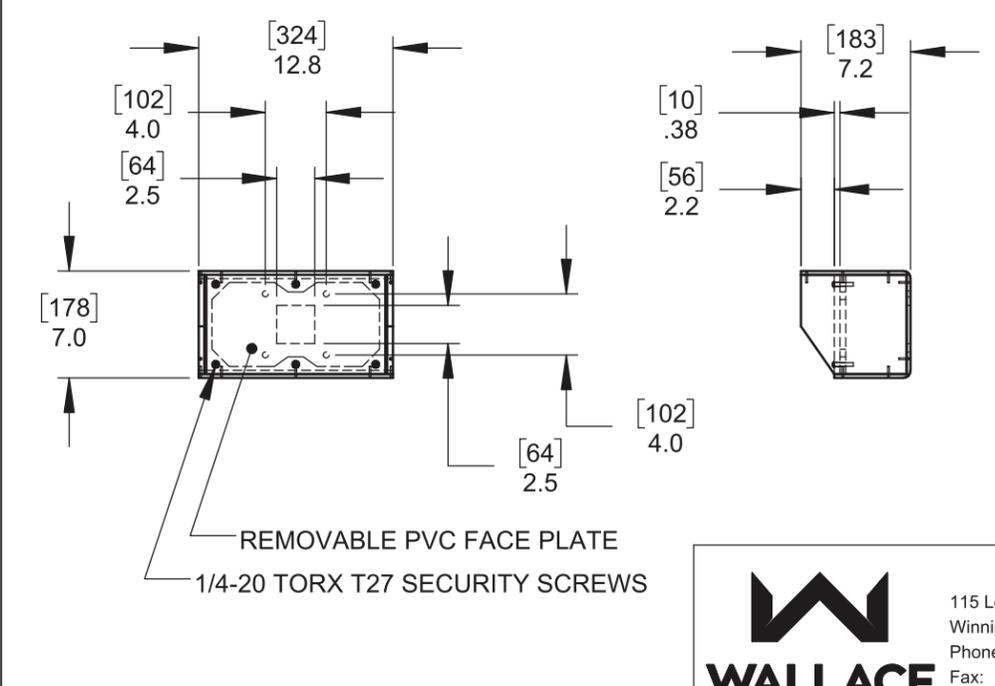
DETAIL Q-2 - SINGLE HEIGHT PEDESTAL STAND 88.0" [2235]



DETAIL Q-3 - DUAL HEIGHT PEDESTAL STAND 40.0" [1016] / 88.0" [2235]



DETAIL R-1 - LARGE POLYCARBONATE PEDESTAL HEAD



DETAIL R-2 - SMALL POLYCARBONATE PEDESTAL HEAD

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Description: FOLDSMART XT TRACKLESS BI-FOLDING GATE SYSTEM OPTIONAL ACCESS CONTROL PEDESTALS		
Customer / Project Name:		
Finish:	Date:	3/27/2025
Drawing No. FSXT-01-30-19	Rev. D	Sheet: 6 of 6