

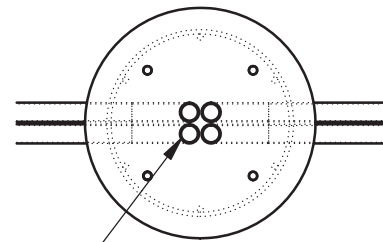
FINISH NOTES:
STANDARD FINISH: HOT DIPPED GALVANIZED ON ALL STEEL COMPONENTS
OPTIONAL FINISH: POWDER COAT PAINT, RAL# MUST BE SPECIFIED AT TIME OF ORDER

NOTE:
DIMENSIONS ARE SHOWN IN INCHES, DIMENSIONS SHOWN IN [] ARE IN MILLIMETERS

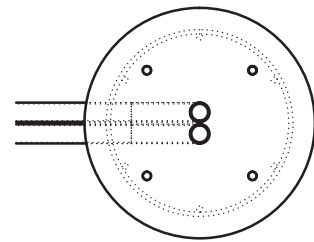
W
WALLACE
INTERNATIONAL

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Description:		FOLDSMART TT TOP TRACK BI-FOLD GATE SYSTEM STANDARD DIMENSIONS	
Customer / Project Name:		-	
Finish:	SEE NOTES	Date:	11/19/2013
Drawing No.	FSTT-11-19-13	Rev.	Sheet: 1 of 5



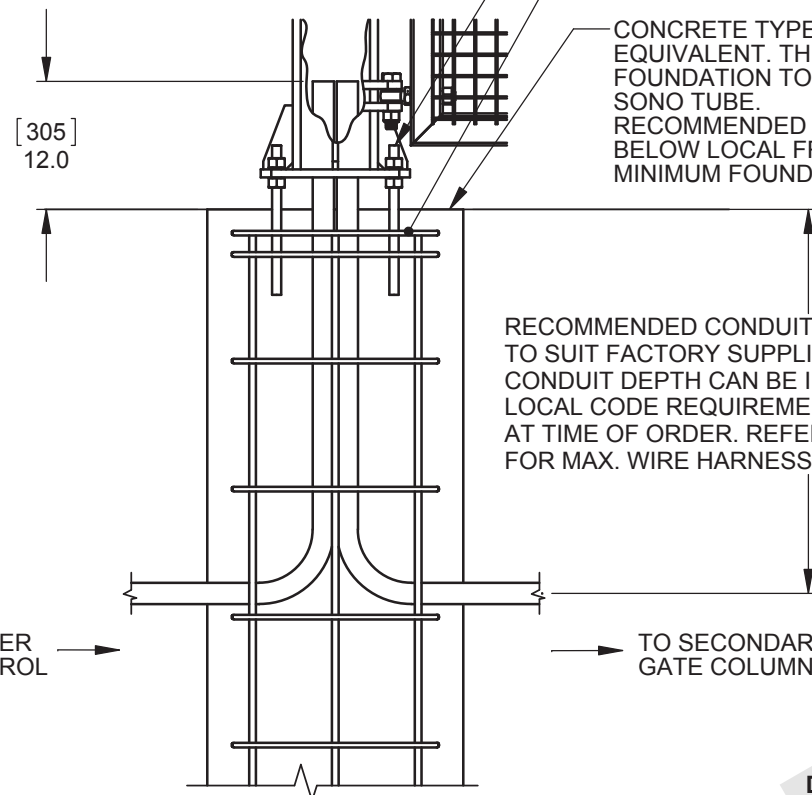
4 PCES. 1" [25] CONDUIT - BY OTHERS
2 IN PRIMARY COLUMN, FROM INCOMING
POWER SUPPLY / ACCESS CONTROL.
2 IN SECONDARY COLUMN FROM PRIMARY
COLUMN.



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

.75" [19] HILTI HAS 5.8 x 17" [432] ANCHOR BOLTS
ADHESIVE: HILTI HIT-RE-500 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]



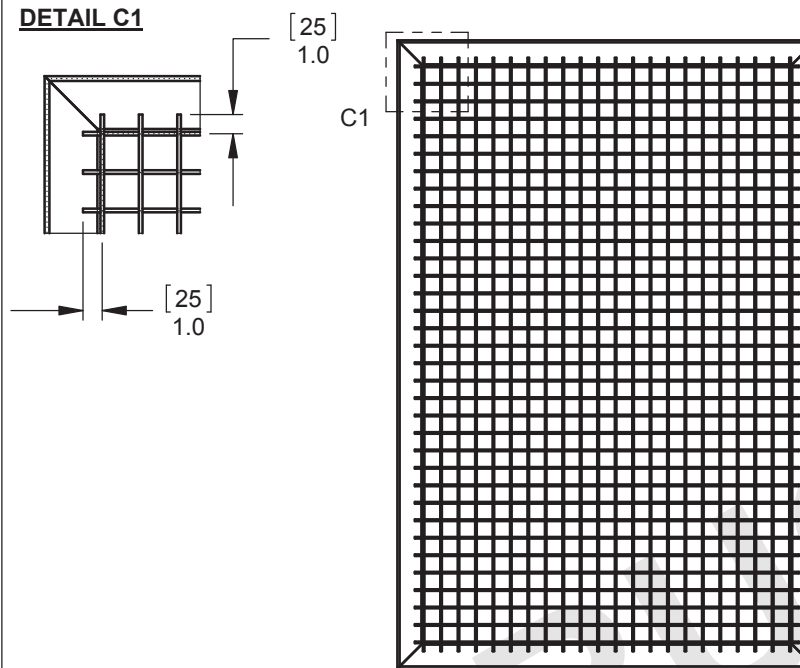
RECOMMENDED CONDUIT DEPTH 36.0 [914]
TO SUIT FACTORY SUPPLIED WIRE HARNESS
CONDUIT DEPTH CAN BE INCREASED TO SUIT
LOCAL CODE REQUIREMENTS. MUST BE SPECIFIED
AT TIME OF ORDER. REFER TO CONTROLLER NOTE
FOR MAX. WIRE HARNESS LENGTH.

INCOMING POWER
/ ACCESS CONTROL

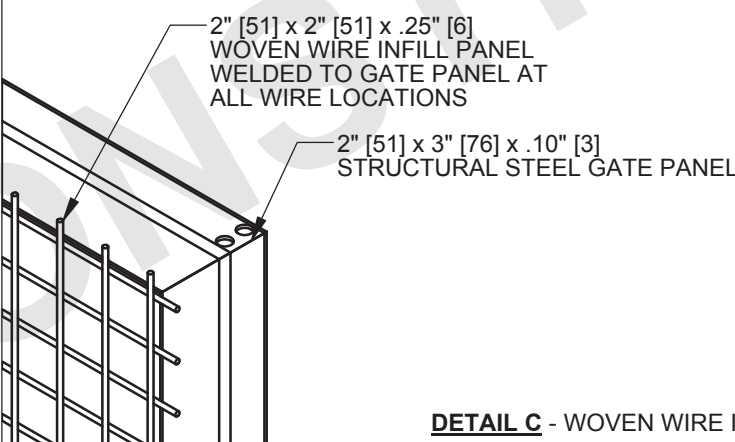
TO SECONDARY
GATE COLUMN

DETAIL A - COLUMN FOUNDATIONS

DETAIL C1

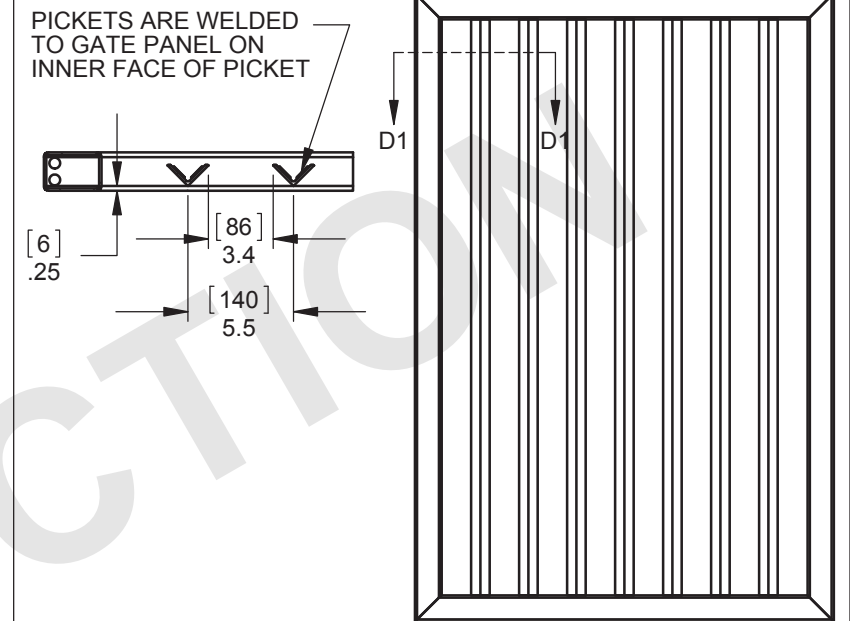


DETAIL C2

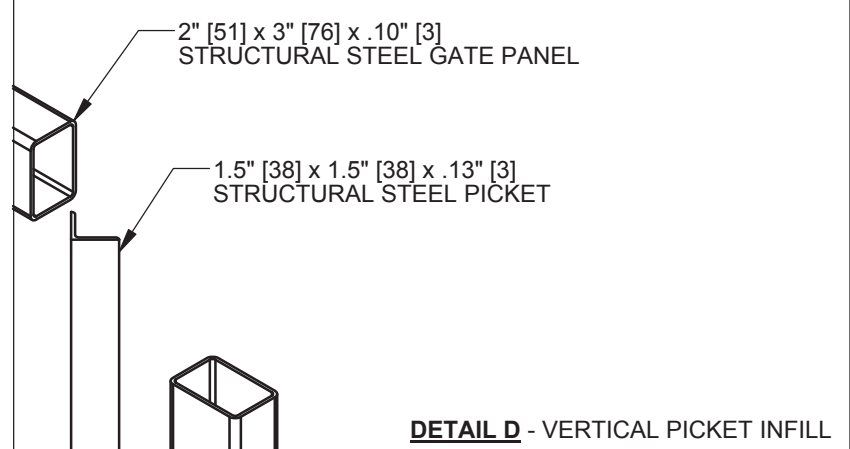


DETAIL C - WOVEN WIRE INFILL

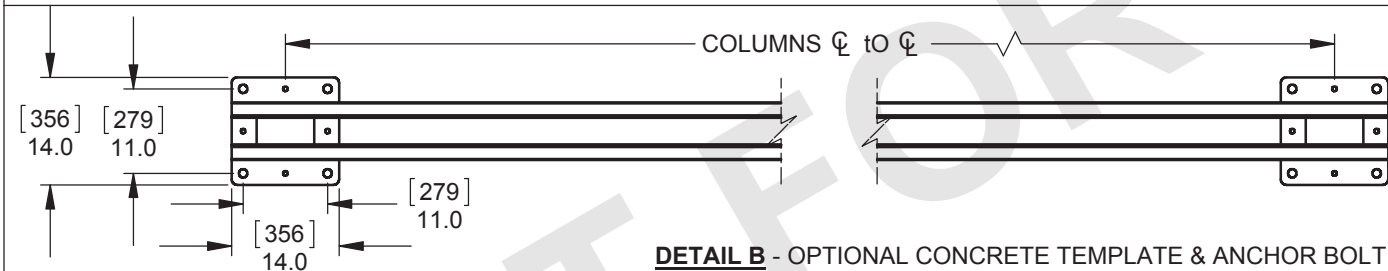
DETAIL D1



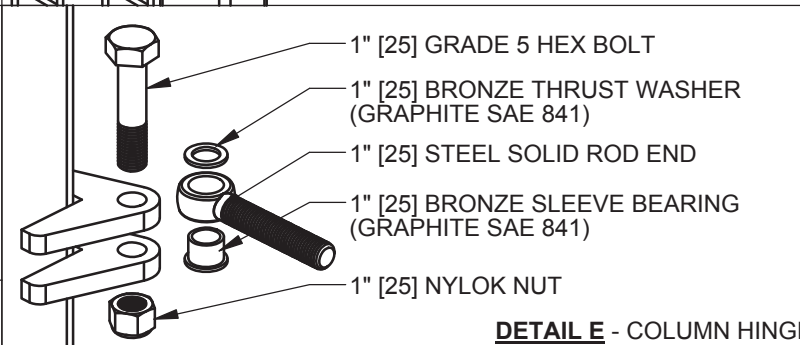
DETAIL D2



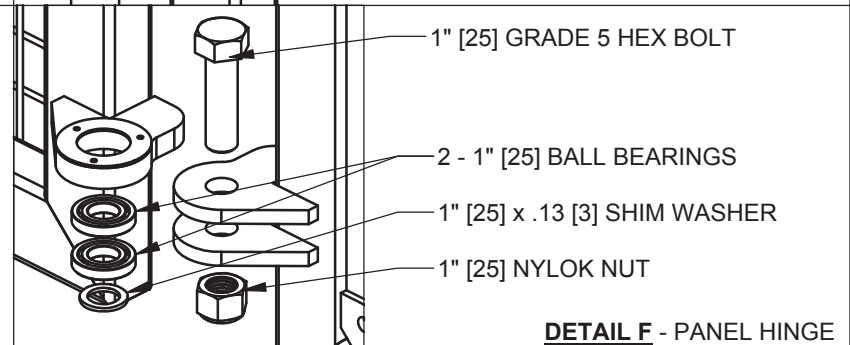
DETAIL D - VERTICAL PICKET INFILL



DETAIL B - OPTIONAL CONCRETE TEMPLATE & ANCHOR BOLT KIT



DETAIL E - COLUMN HINGE



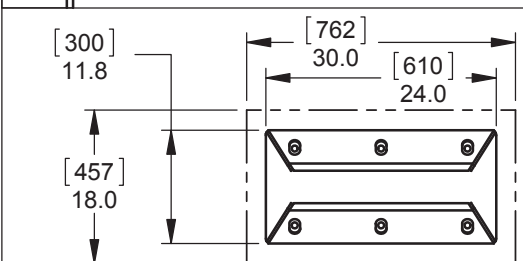
DETAIL F - PANEL HINGE

INCLUDED WITH FOLDSMART

- 2 - ELECTRICAL OPERATORS MOUNTED IN A 20" [508] x 16" [406] x 6" [152] NEMA 3R ENCLOSURE.
- KEY FOR MANUAL PANEL RELEASE
- SURFACE MOUNTED CENTER CATCH

OPTIONS:

- CONCRETE TEMPLATE & ANCHOR BOLT KIT
- VEHICLE DETECTION LOOP RELAYS
- VEHICLE DETECTION LOOPS, DIRECT BURIAL OR SAW CUT
- 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



CENTER CATCH MUST BE ANCHORED TO A SUITABLE
ROADWAY SURFACE. DETAIL SHOWN WITH A 30.0 [762] x
18.0 [457] PAD FOR ANCHORING. PAD - BY OTHERS

DETAIL G - CENTER CATCH PLATE

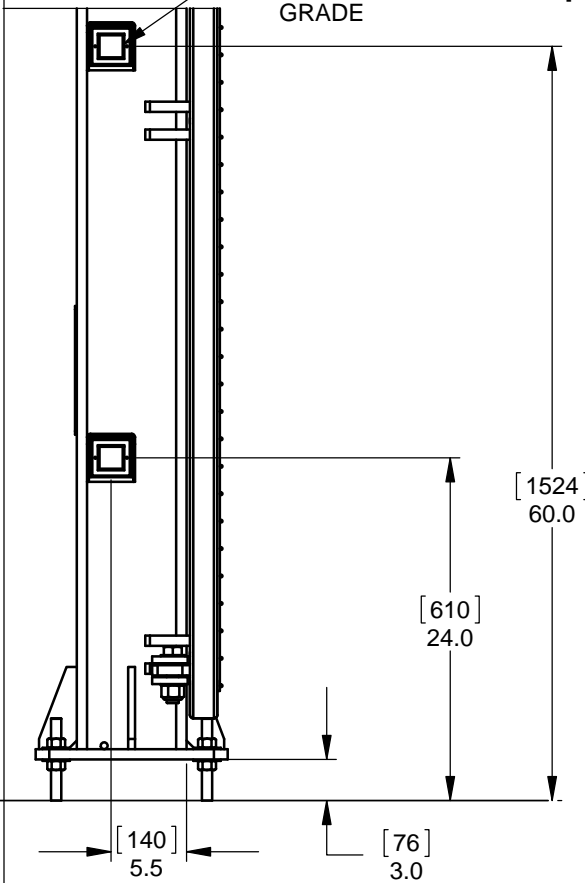


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Description:		FOLDSMART TT TOP TRACK BI-FOLD GATE SYSTEM GENERAL NOTES AND OPTIONS	
Customer / Project Name:		-	
Finish:	SEE NOTES	Date:	11/19/2013
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DETAIL G - PHOTOCELLS

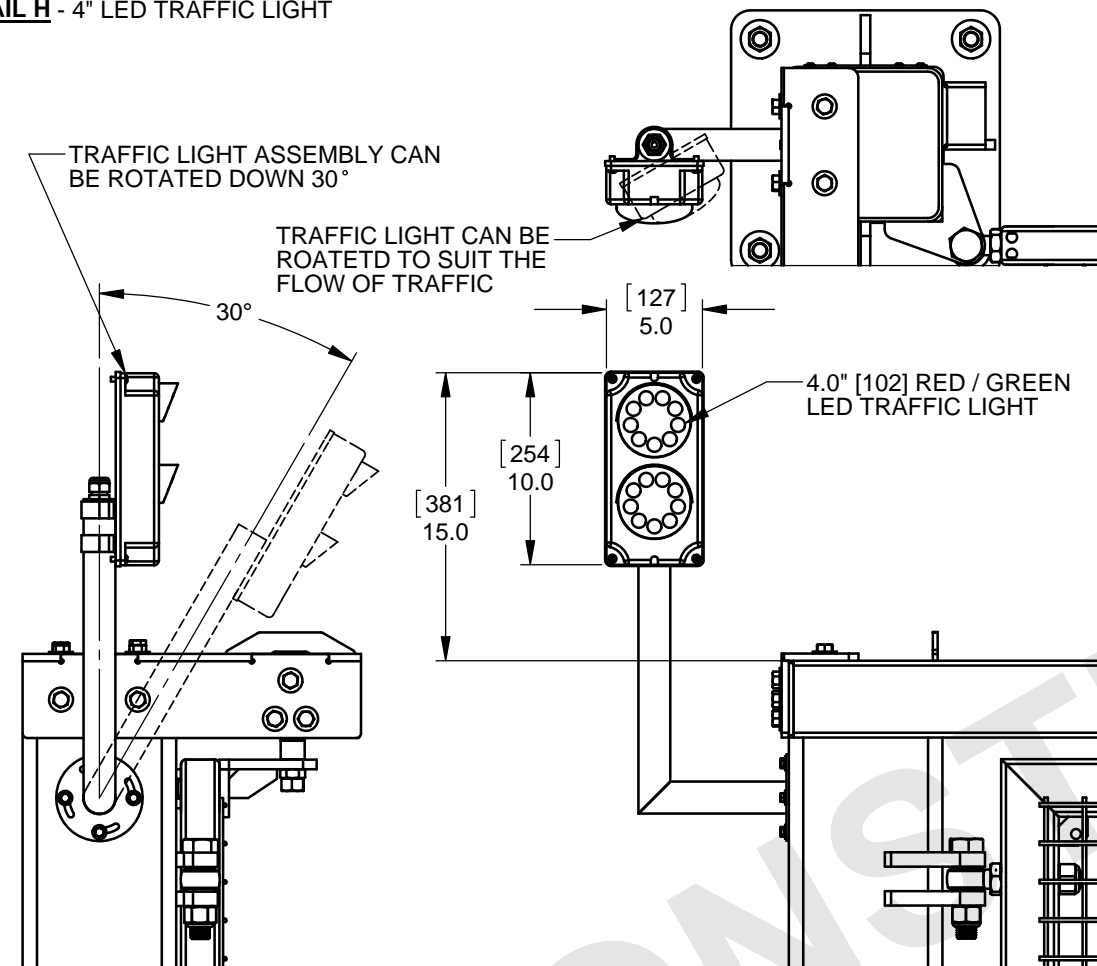
OPTIONAL 2nd SET OF PHOTOCELLS CAN BE MOUNTED 60.0" [1524] ABOVE GRADE



DETAIL H - 4" LED TRAFFIC LIGHT

TRAFFIC LIGHT ASSEMBLY CAN BE ROTATED DOWN 30°

TRAFFIC LIGHT CAN BE ROTATED TO SUIT THE FLOW OF TRAFFIC

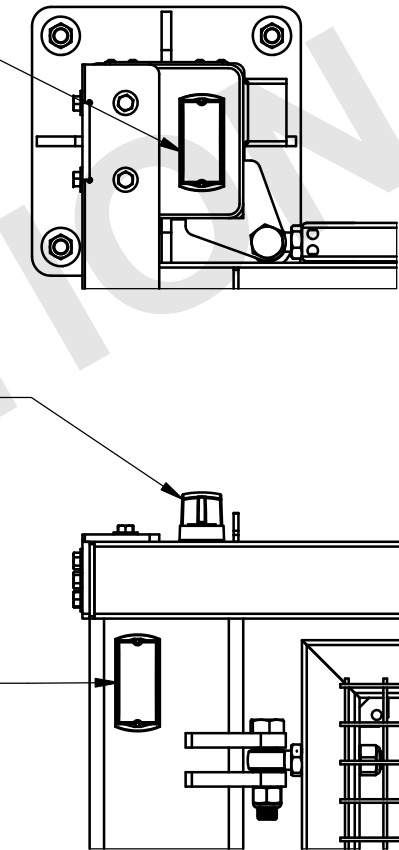


DETAIL I - FLUSH MOUNTED STROBE LIGHT

OPTION 1: TRAFFIC LIGHT CAN BE MOUNTED TO THE TOP OF LH OR RH COLUMN TO SUIT THE FLOW OF TRAFFIC

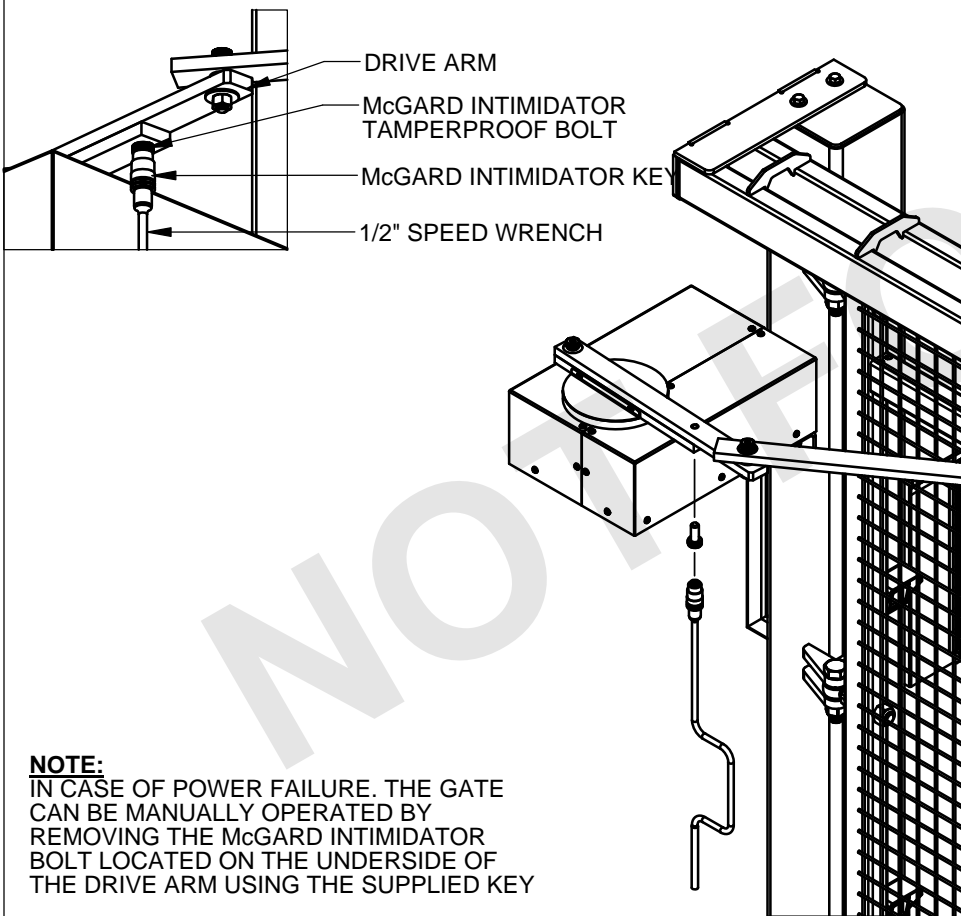
5.0 [127] x 2.3 [58] AMBER LOW PROFILE MINI STROBE LIGHT

OPTION 2: TRAFFIC LIGHT CAN BE MOUNTED TO THE FRONT OR BACK FACE OF COLUMN TO SUIT THE FLOW OF TRAFFIC



DETAIL J - MANUAL OPERATION RELEASE POINT

- DRIVE ARM
- McGARD INTIMIDATOR TAMPERPROOF BOLT
- McGARD INTIMIDATOR KEY
- 1/2" SPEED WRENCH



NOTE: IN CASE OF POWER FAILURE, THE GATE CAN BE MANUALLY OPERATED BY REMOVING THE McGARD INTIMIDATOR BOLT LOCATED ON THE UNDERSIDE OF THE DRIVE ARM USING THE SUPPLIED KEY

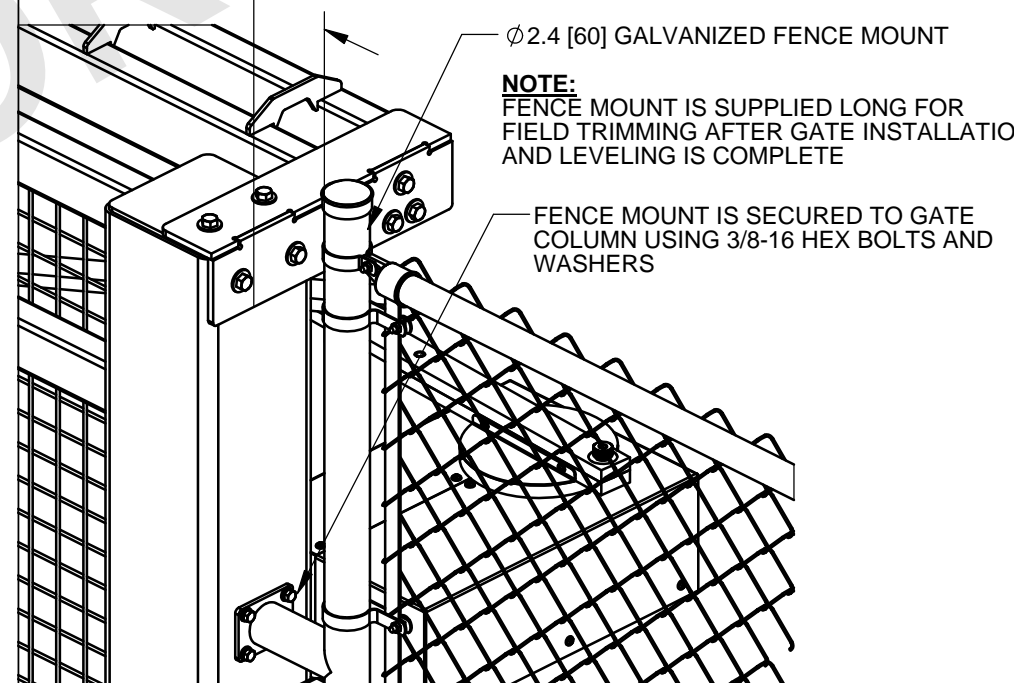
DETAIL K - FENCE MOUNT

5.0 [127]

Ø2.4 [60] GALVANIZED FENCE MOUNT

NOTE: FENCE MOUNT IS SUPPLIED LONG FOR FIELD TRIMMING AFTER GATE INSTALLATION AND LEVELING IS COMPLETE

FENCE MOUNT IS SECURED TO GATE COLUMN USING 3/8-16 HEX BOLTS AND WASHERS



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GENERAL NOTES AND OPTIONS

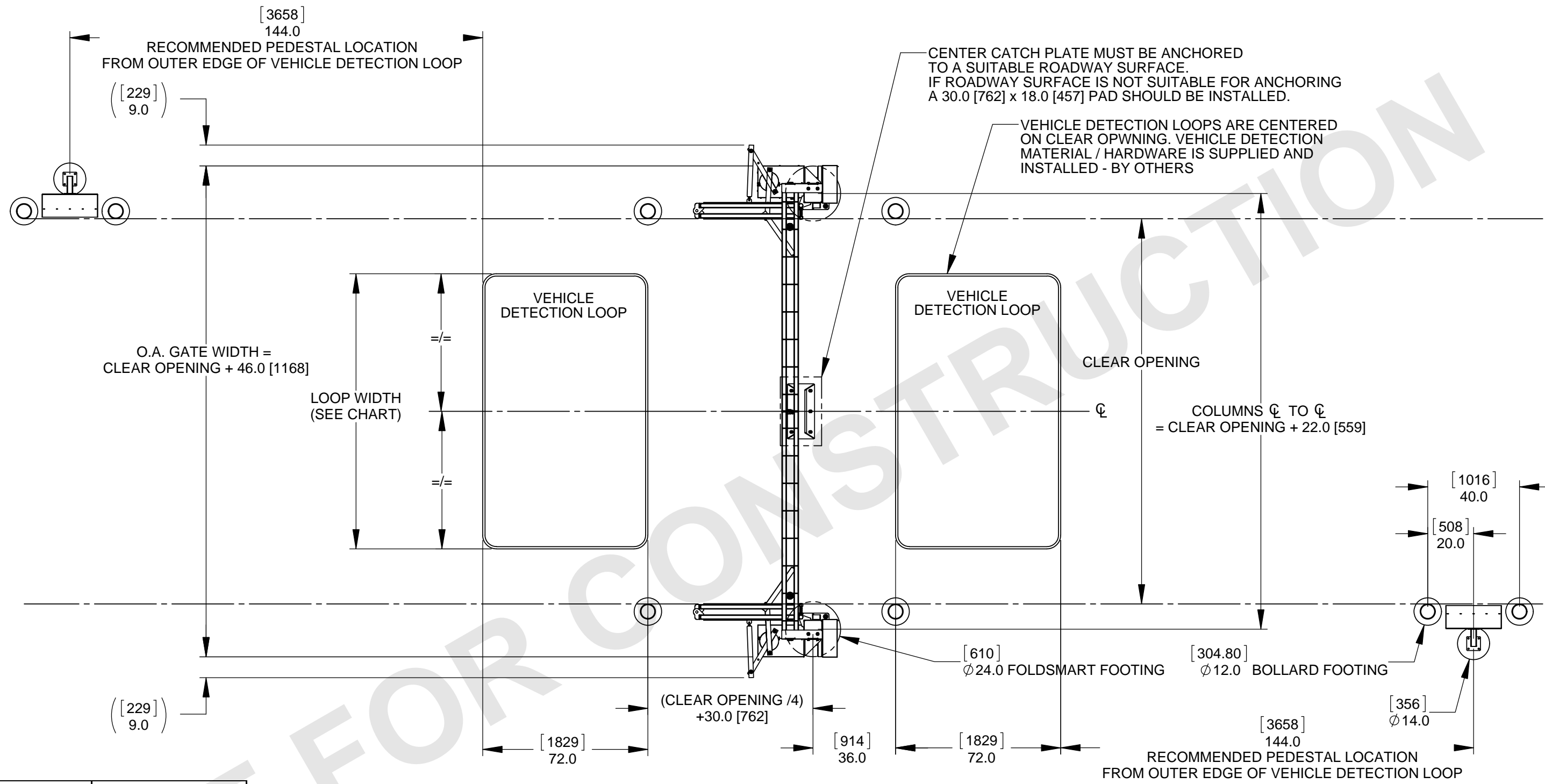
Customer / Project Name:

Finish: **SEE NOTES**

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Date: **11/19/2013**

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[3658]
144.0
RECOMMENDED PEDESTAL LOCATION
FROM OUTER EDGE OF VEHICLE DETECTION LOOP

([229])
9.0

CENTER CATCH PLATE MUST BE ANCHORED
TO A SUITABLE ROADWAY SURFACE.
IF ROADWAY SURFACE IS NOT SUITABLE FOR ANCHORING
A 30.0 [762] x 18.0 [457] PAD SHOULD BE INSTALLED.

VEHICLE DETECTION LOOPS ARE CENTERED
ON CLEAR OPWNING. VEHICLE DETECTION
MATERIAL / HARDWARE IS SUPPLIED AND
INSTALLED - BY OTHERS

O.A. GATE WIDTH =
CLEAR OPENING + 46.0 [1168]

LOOP WIDTH
(SEE CHART)

VEHICLE
DETECTION LOOP

VEHICLE
DETECTION LOOP

CLEAR OPENING

COLUMNS ϕ TO ϕ
= CLEAR OPENING + 22.0 [559]

[1016]
40.0

[508]
20.0

[610]
 ϕ 24.0 FOLDSMART FOOTING

[304.80]
 ϕ 12.0 BOLLARD FOOTING

[356]
 ϕ 14.0

(CLEAR OPENING / 4)
+30.0 [762]

[1829]
72.0

[914]
36.0

[1829]
72.0

[3658]
144.0

RECOMMENDED PEDESTAL LOCATION
FROM OUTER EDGE OF VEHICLE DETECTION LOOP

Clear Opening	Loop Width
10' [3048]	96" [2438]
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]

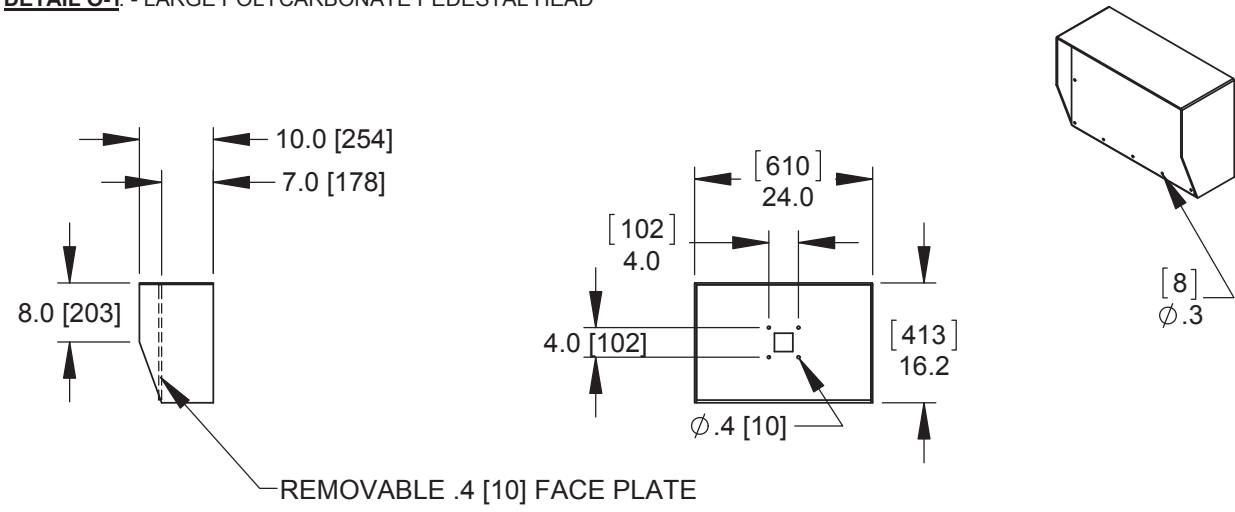
NOTE:
BOLLARD AND ACCESS CONTROL PEDESTAL LOCATIONS ARE MANUFACTURERS
RECOMMENDED LOCATIONS.



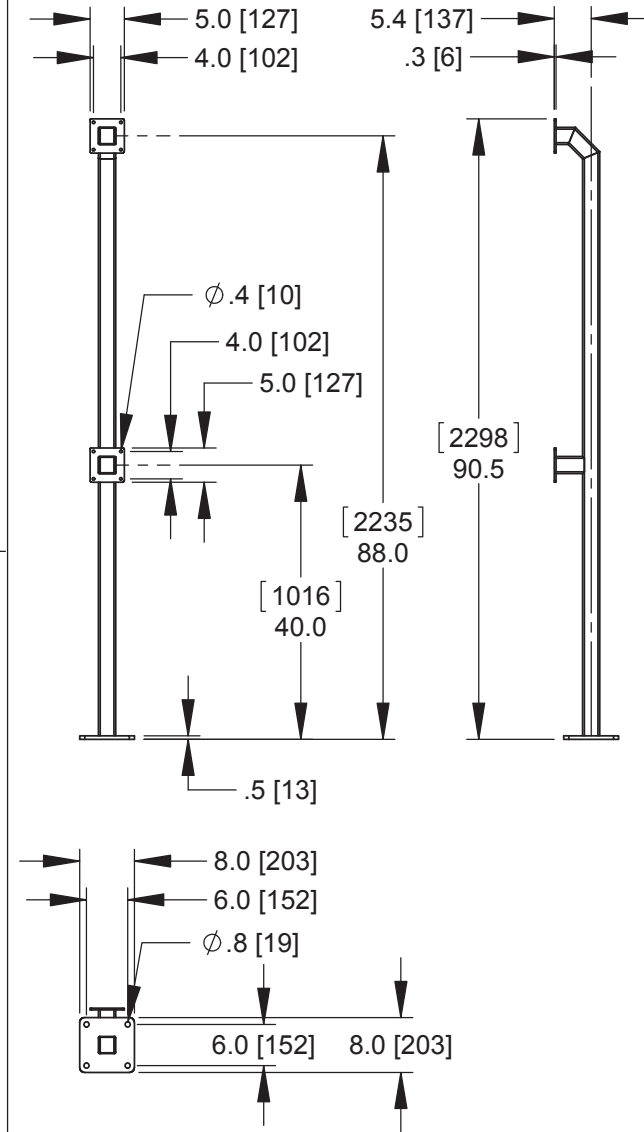
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Description: FOLDSMART TT TOP TRACK BI-FOLD GATE SYSTEM GENERIC SITE LAYOUT FOOTINGS / VEHICLE LOOP LOCATIONS	
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Finish:	Date: 11/19/2013
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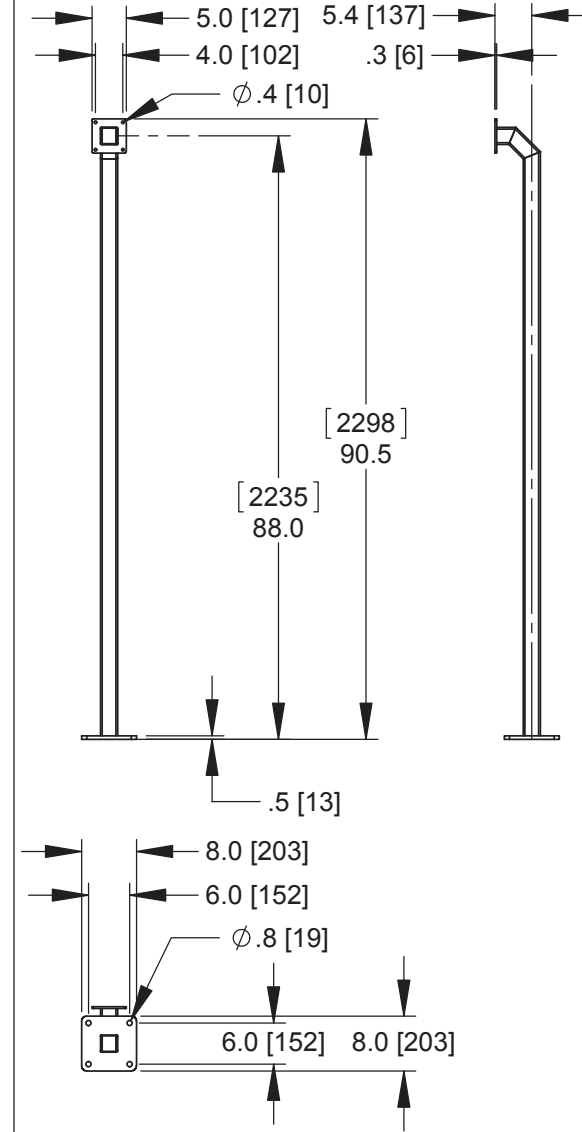
DETAIL O-1 - LARGE POLYCARBONATE PEDESTAL HEAD



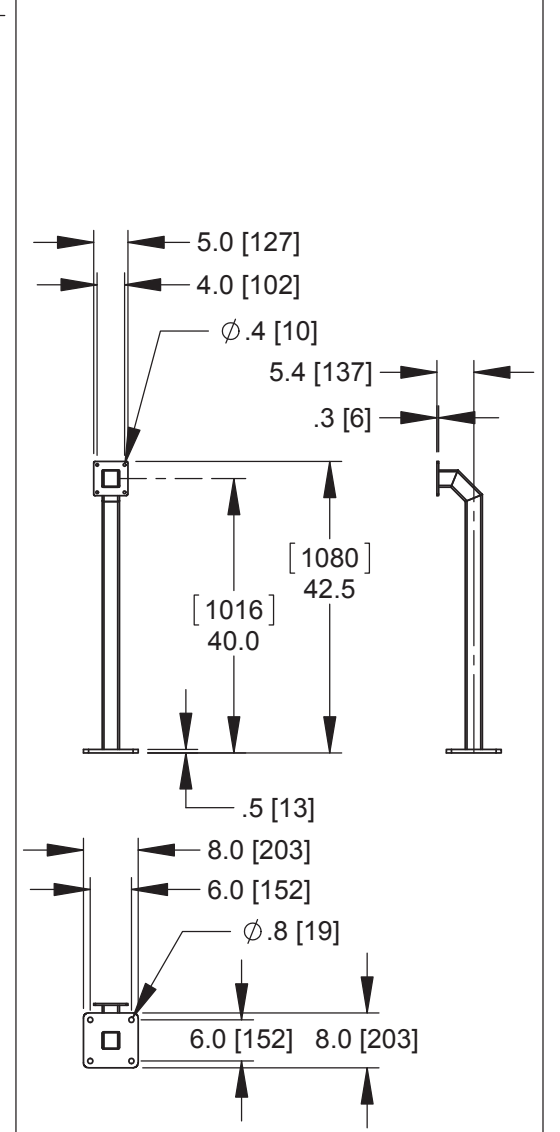
DETAIL P-1 - DUAL HEIGHT PEDESTAL STAND



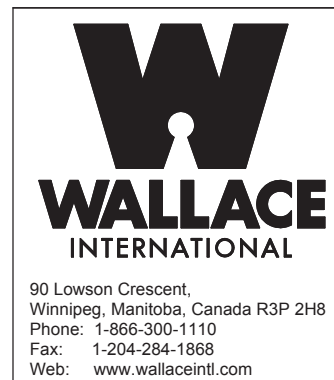
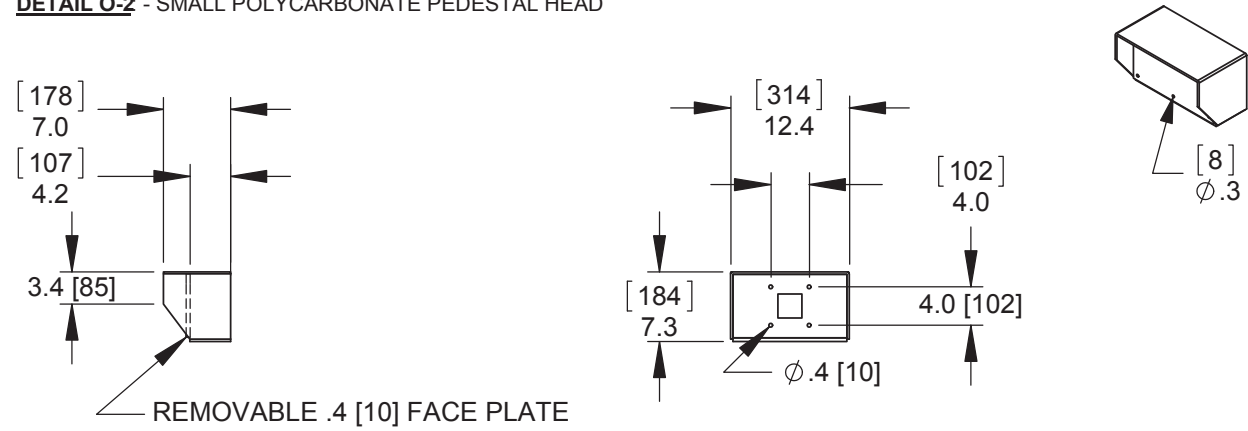
DETAIL P-2 - SINGLE HEIGHT PEDESTAL STAND



DETAIL P-3 - SINGLE HEIGHT PEDESTAL STAND



DETAIL O-2 - SMALL POLYCARBONATE PEDESTAL HEAD



Description:		FOLDSMART TT TOP TRACK BI-FOLD GATE SYSTEM ACCESS CONTROL PEDESTALS	
Customer / Project Name:		-	
Finish:	SEE NOTES	Date:	8/29/2013
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