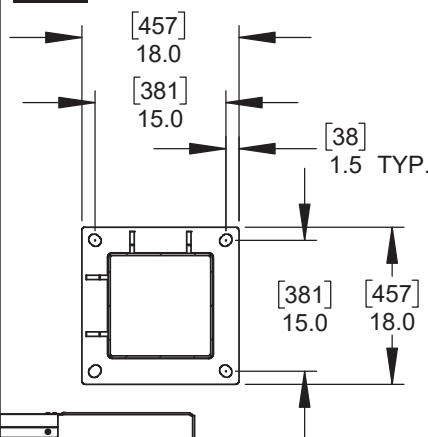
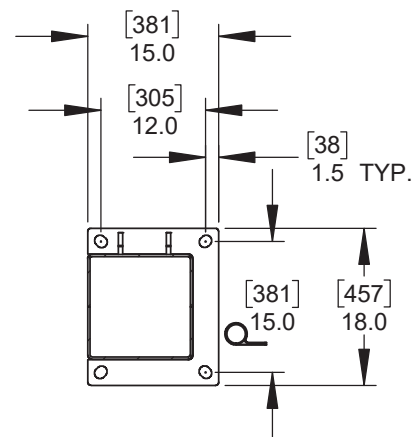


**SECTION B-B - BASE PLATE OPTIONS**

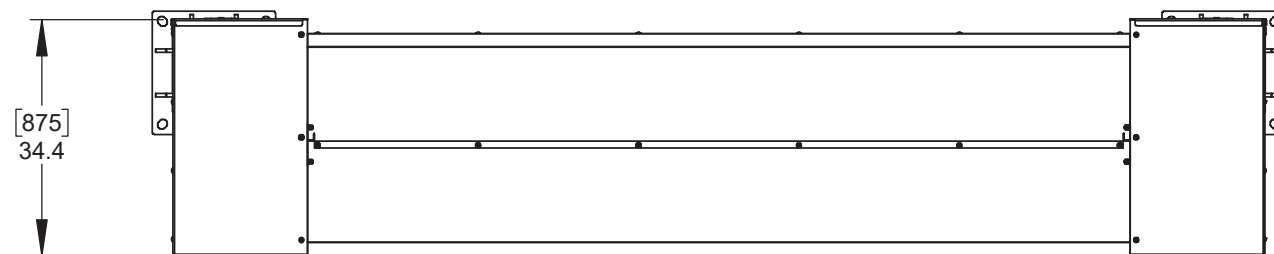
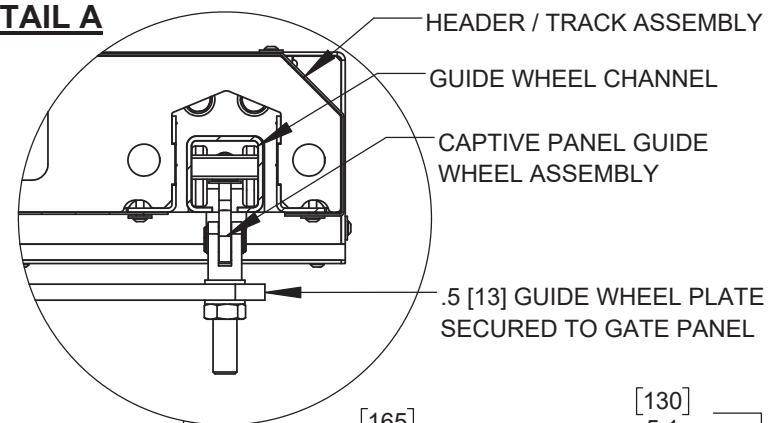
**B-B1 - STANDARD**



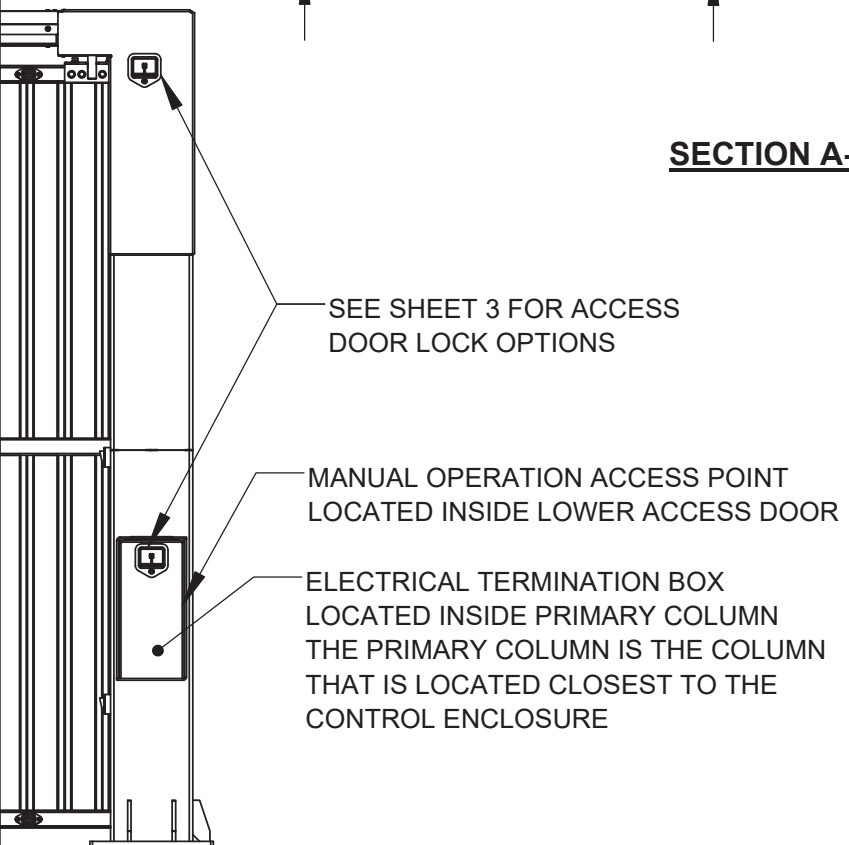
**B-B2 - OFFSET**



**DETAIL A**



**SECTION A-A**



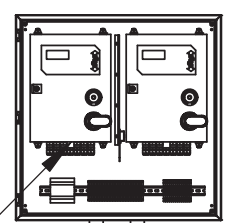
SEE SHEET 3 FOR ACCESS DOOR LOCK OPTIONS

MANUAL OPERATION ACCESS POINT LOCATED INSIDE LOWER ACCESS DOOR

ELECTRICAL TERMINATION BOX LOCATED INSIDE PRIMARY COLUMN THE PRIMARY COLUMN IS THE COLUMN THAT IS LOCATED CLOSEST TO THE CONTROL ENCLOSURE

PHOTOCELLS ARE LOCATED ON INTERIOR FACE OF COLUMNS

CLEAR DRIVE THRU HT. +0 -2.3 [58]



76<sup>0</sup>/<sub>-58</sub> FOR GATE LEVELING

CLEAR DRIVE THRU WIDTH

OPTIONAL GALVANIZED STEEL CENTER CATCH PLATE

COLUMNS  $\phi$  TO  $\phi$  = CLEAR OPENING WIDTH +27.3" [693]  
O.A. GATE WIDTH = CLEAR DRIVE THRU +45.3 [1145]

12.0 [305] x 12.0 [305] x .25 [6] COLUMN

18.0 [457] x 18.0 [457] x 1.0 [25] BASE PLATE (REFER TO SECTION B-B ABOVE FOR OPTIONS)

2 ELECTRICAL CONTROLLERS ARE MOUNTED IN A 30.0 [762] x 30.0 [762] x 12.0 [305] NEMA 3R ENCLOSURE c/w WIRE HARNESS.

STANDARD WIRE HARNESS LENGTH ALLOWS FOR CONTROLLER ENCLOSURE TO BE PLACED UP TO 30' [9144] FROM PRIMARY COLUMN.

OPTIONAL EXTENDED WIRE HARNESS IS AVAILABLE WHERE CONTROLLERS ARE TO BE MOUNTED BEYOND STANDARD WIRE HARNESS LENGTH. MAXIMUM WIRE HARNESS LENGTH IS DETERMINED BY DRIVE THRU WIDTH, CONTACT WALLACE PERIMETER SECURITY FOR DETAILS. CONTROLLERS, ENCLOSURE AND WIRE HARNESS BY WALLACE PERIMETER SECURITY CONDUIT, BY OTHERS. SEE SHEET 2 FOR CONDUIT SIZES, QUANTITIES AND REQUIREMENTS.

**POWER REQUIREMENTS: 240V, SINGLE PHASE, 20A**

**FINISH NOTES:**

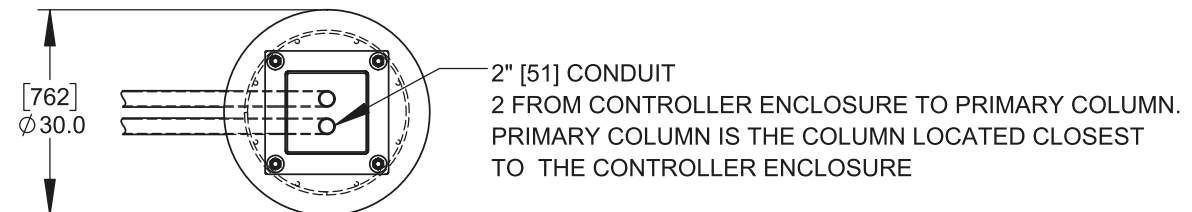
STANDARD FINISH: HOT DIPPED GALVANIZED ON ALL STEEL COMPONENTS

OPTIONAL POWDER COAT PAINT FINISH AVAILABLE.

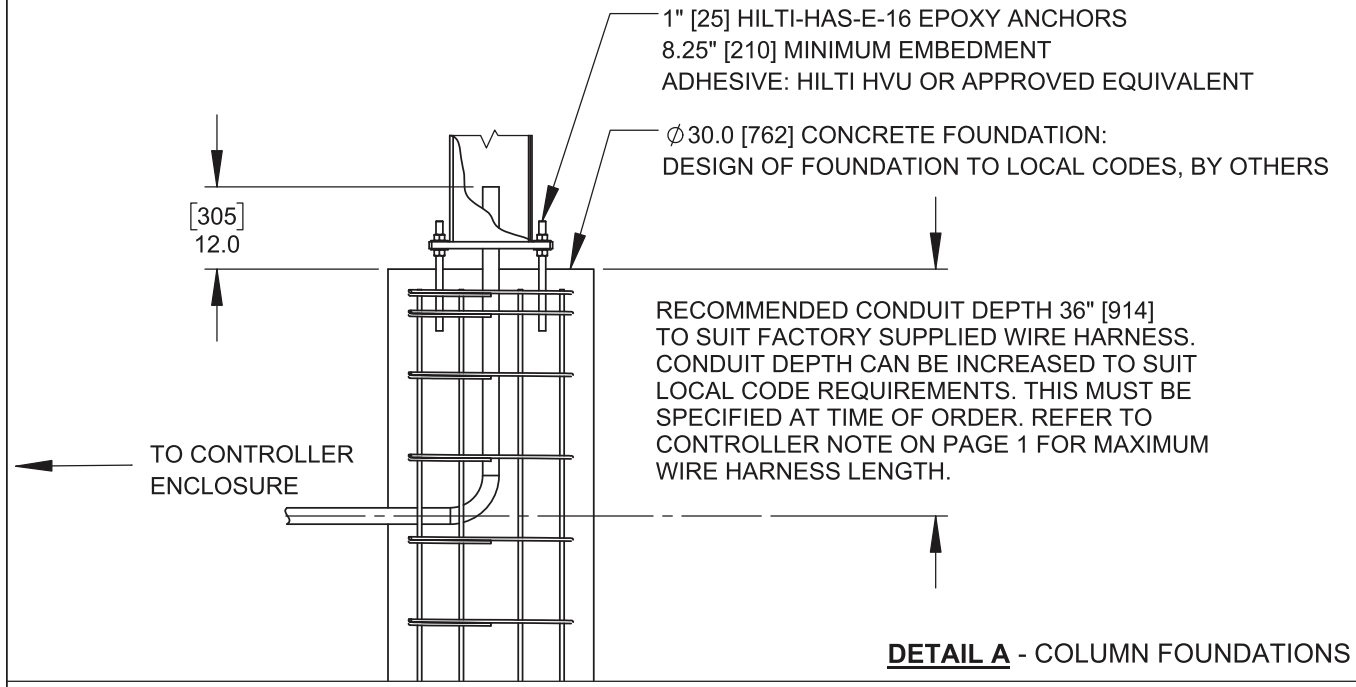
**NOTE:** DIMENSIONS ARE SHOWN IN INCHES, DIMENSIONS SHOWN IN [ ] ARE IN MILLIMETERS

|                          |                      |   |                  |
|--------------------------|----------------------|---|------------------|
| Description:             |                      | <b>PDTT<br/>POST DRIVE, TOP TRACK SPEEDGATE</b> |                  |
| Customer / Project Name: |                      |   |                  |
| Finish:                  | SEE FINISH NOTES     | Date:   | 3/13/2019        |
| Drawing No.              | <b>PDTT-03-09-18</b> | Rev.  | Sheet:<br>1 of 6 |

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2" [51] CONDUIT  
2 FROM CONTROLLER ENCLOSURE TO PRIMARY COLUMN.  
PRIMARY COLUMN IS THE COLUMN LOCATED CLOSEST TO THE CONTROLLER ENCLOSURE

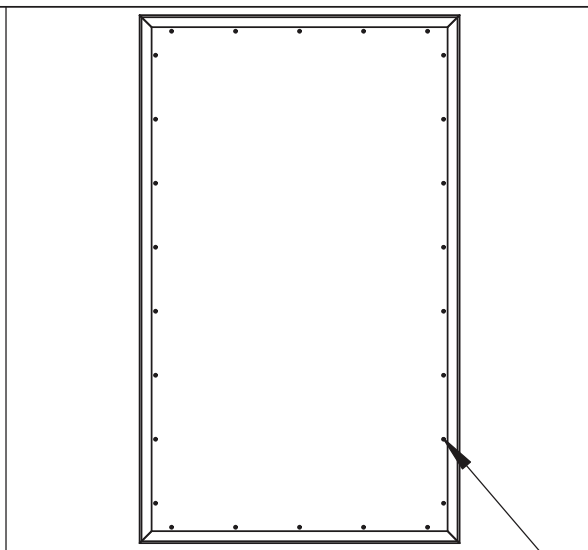
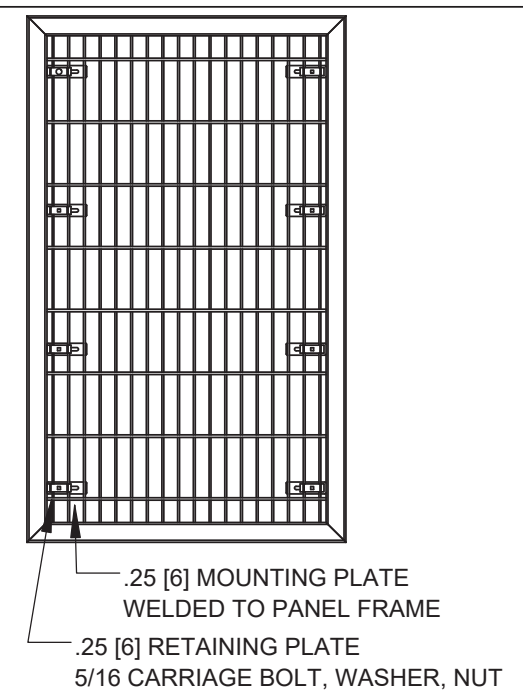
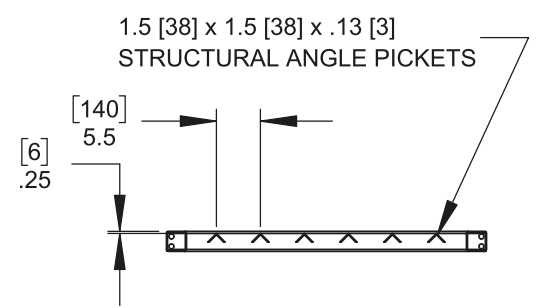
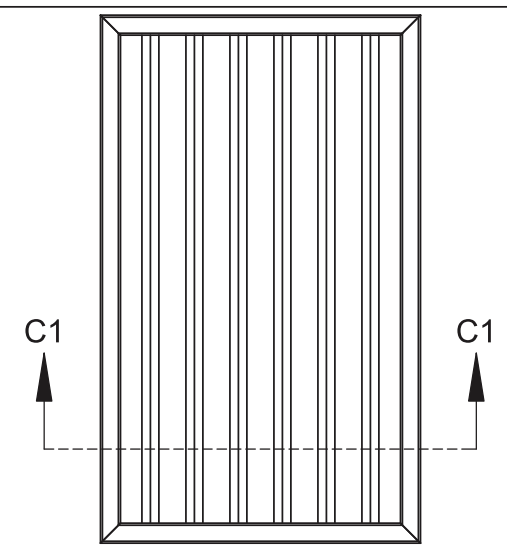


1" [25] HILTI-HAS-E-16 EPOXY ANCHORS  
8.25" [210] MINIMUM EMBEDMENT  
ADHESIVE: HILTI HVU OR APPROVED EQUIVALENT

Ø30.0 [762] CONCRETE FOUNDATION:  
DESIGN OF FOUNDATION TO LOCAL CODES, BY OTHERS

RECOMMENDED CONDUIT DEPTH 36" [914] TO SUIT FACTORY SUPPLIED WIRE HARNESS. CONDUIT DEPTH CAN BE INCREASED TO SUIT LOCAL CODE REQUIREMENTS. THIS MUST BE SPECIFIED AT TIME OF ORDER. REFER TO CONTROLLER NOTE ON PAGE 1 FOR MAXIMUM WIRE HARNESS LENGTH.

**DETAIL A - COLUMN FOUNDATIONS**

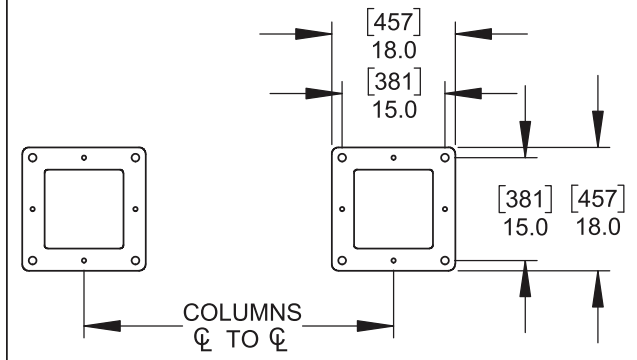


INFILL PANELS ARE SECURED TO PANEL USING 3/16" [5] POP RIVET @ 10.0 [254] O/C

**OPTIONS:**  
STANDARD: - 14ga [1.6] ALUMINUM  
HIGH SECURITY - 16ga [1.5] STEEL

**1 PANEL:** PANEL ON NON-SECURE SIDE  
**2 PANEL:** PANELS ON BOTH NON-SECURE & SECURE SIDES

**DETAIL C3 - SOLID PANEL INFILL**



**OPTIONAL ANCHOR TEMPLATE KIT:**  
2, .13 [3] STEEL ANCHOR TEMPLATES FOR FIELD CONSTRUCTION OF GATE ANCHOR DRILLING TEMPLATE.  
8, HILTI HAS-E-16 ANCHORS  
8, HILTI HVU ADHESIVE CAPSULES

**OPTIONAL ANCHOR BOLT KIT:**  
8, HILTI HAS-E-16 ANCHORS  
8, HILTI HVU ADHESIVE CAPSULES

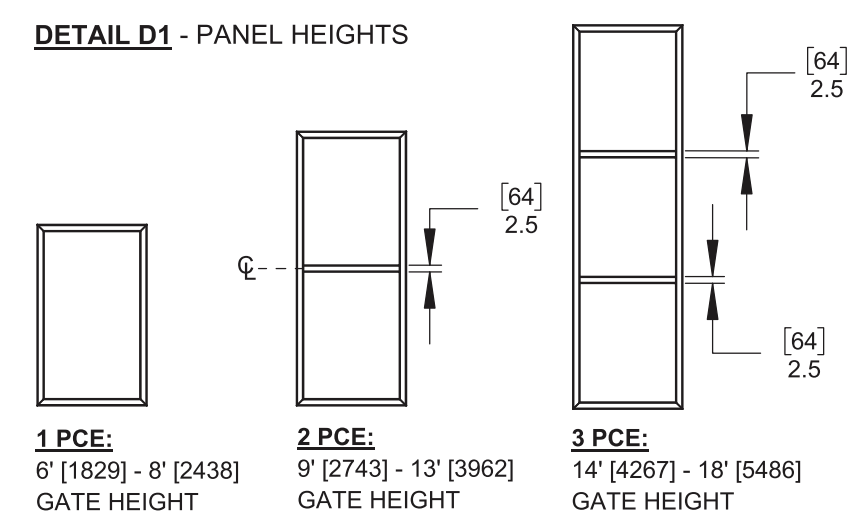
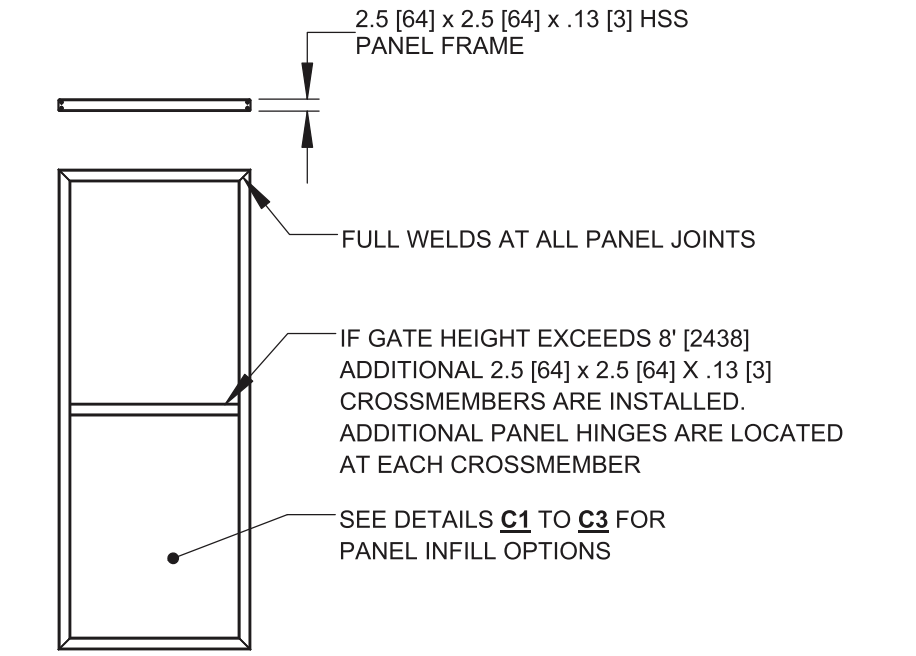
**DETAIL B - OPTIONAL ANCHOR / ANCHOR TEMPLATE**

**INCLUDED WITH SPEEDGATE:**

- 2 ELECTRONIC GATE CONTROLLERS MOUNTED IN A 30" [762] x 30" [762] x 12" [305] NEMA 3R ENCLOSURE.
- ELECTRICAL HARNESS TO CONNECT GATE CONTROLLERS TO DRIVE COMPONENTS.
- STANDARD WIRING HARNESS LENGTH ALLOWS FOR THE CONTROL ENCLOSURE TO BE MOUNTED UP TO 30' [9144] FROM PRIMARY COLUMN. OPTIONAL EXTENDED WIRING HARNESS IS AVAILABLE.
- CONTACT WALLACE PERIMETER SECURITY FOR DETAILS.
- KEY(S) AND LOCK(S) FOR ALL ACCESS PANELS, SEE SHEET 3, DETAILS E1 TO E4 FOR AVAILABLE LOCK OPTIONS.

**NOT INCLUDED WITH SPEEDGATE:**

- GATE MOUNTING HARDWARE, OPTIONAL ANCHOR BOLT OR ANCHOR BOLT & TEMPLATE KITS AVAILABLE.
- VEHICLE DETECTION LOOPS
- GROUT TO FILL GAP UNDER COLUMN BASE PLATES WHEN GATE INSTALLATION / LEVELING IS COMPLETE



**DETAIL D1 - PANEL HEIGHTS**

**1 PCE:** 6' [1829] - 8' [2438] GATE HEIGHT

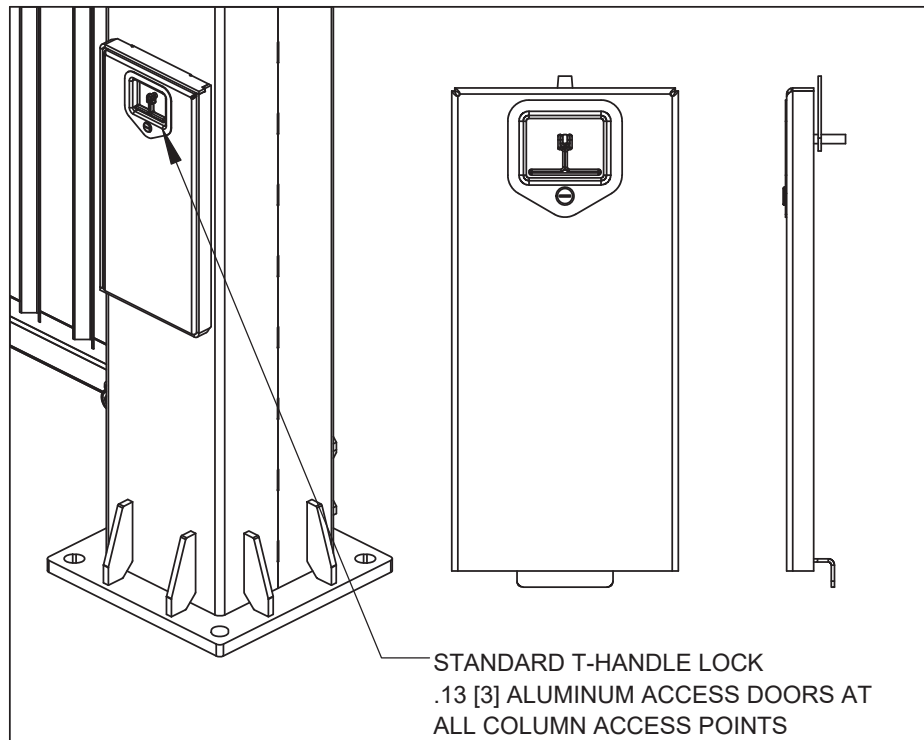
**2 PCE:** 9' [2743] - 13' [3962] GATE HEIGHT

**3 PCE:** 14' [4267] - 18' [5486] GATE HEIGHT

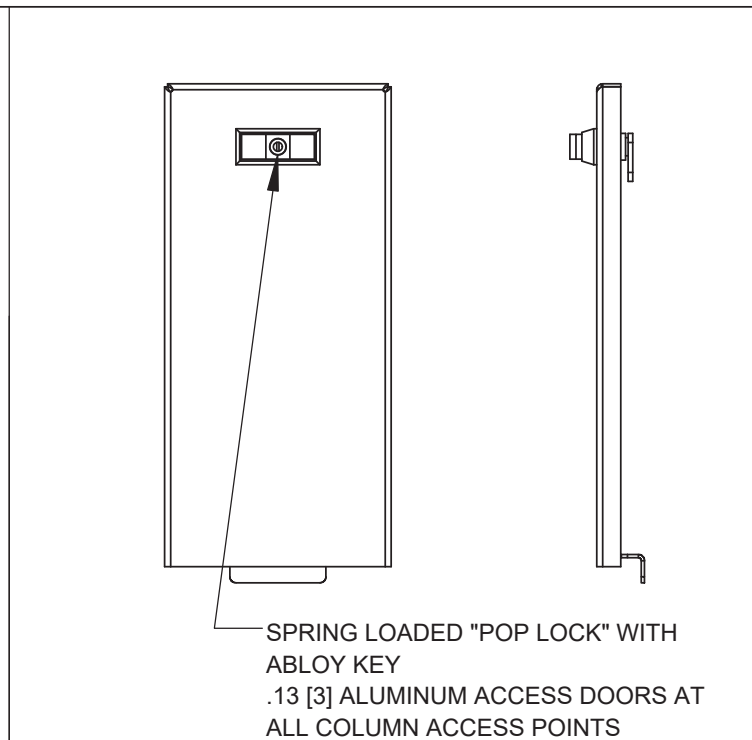
**DETAIL D - GATE PANEL CONSTRUCTION**

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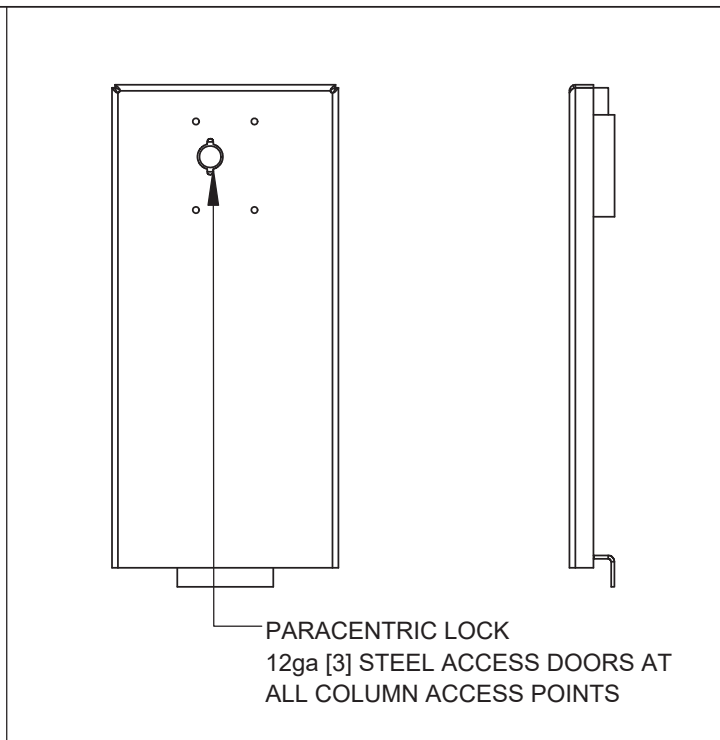
|   |                          |
|---|--------------------------|
| Description:<br><b>PDDT<br/>POST DRIVE TOP TRACK SPEEDGATE<br/>STANDARD NOTES AND OPTIONS</b> |                          |
| Customer / Project Name:  |                          |
| Finish:   | Date:<br>3/13/2019       |
| Drawing No.<br><b>PDDT-03-09-18</b>   | Rev.<br>Sheet:<br>2 of 6 |



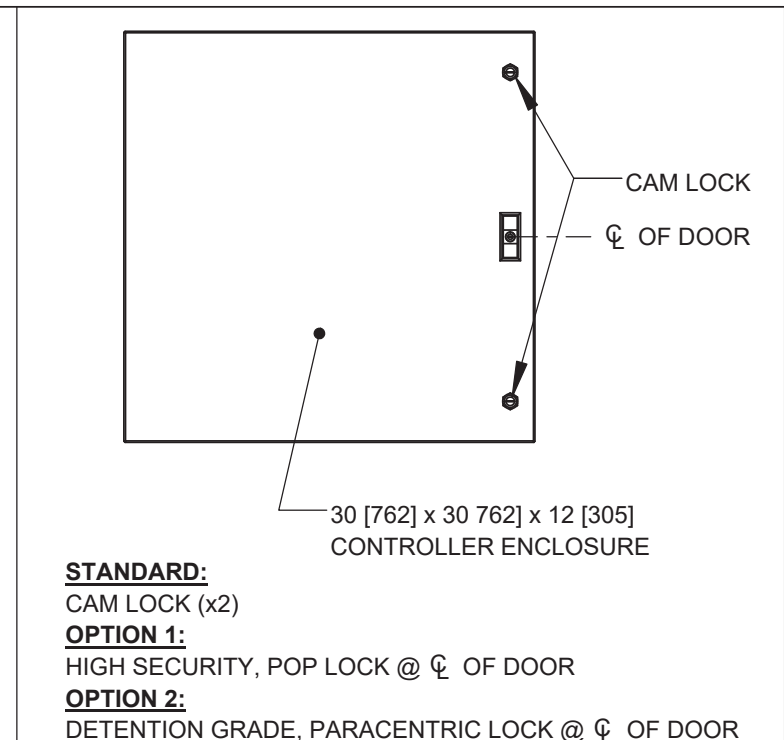
**DETAIL E1**  
STANDARD T-HANDLE ACCESS POINT LOCK



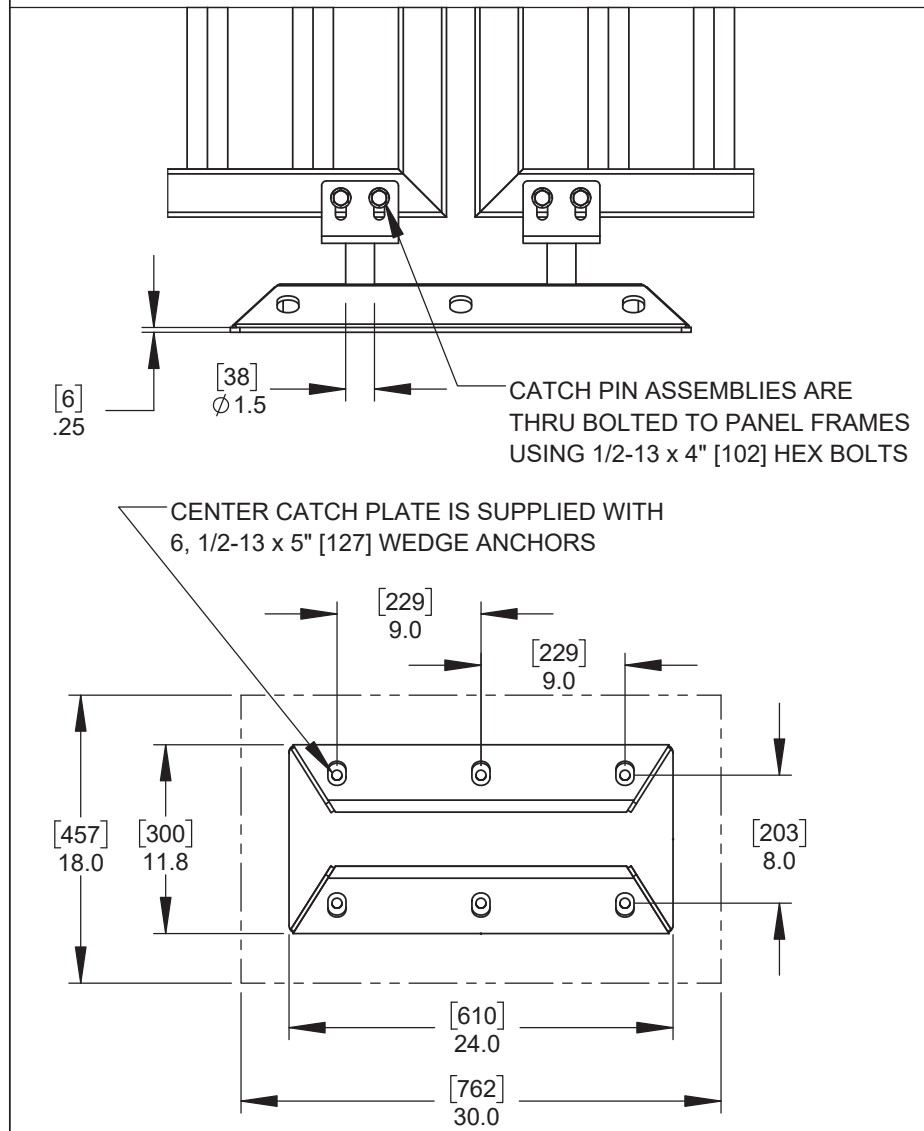
**DETAIL E2**  
OPTIONAL HIGH SECURITY LOCK



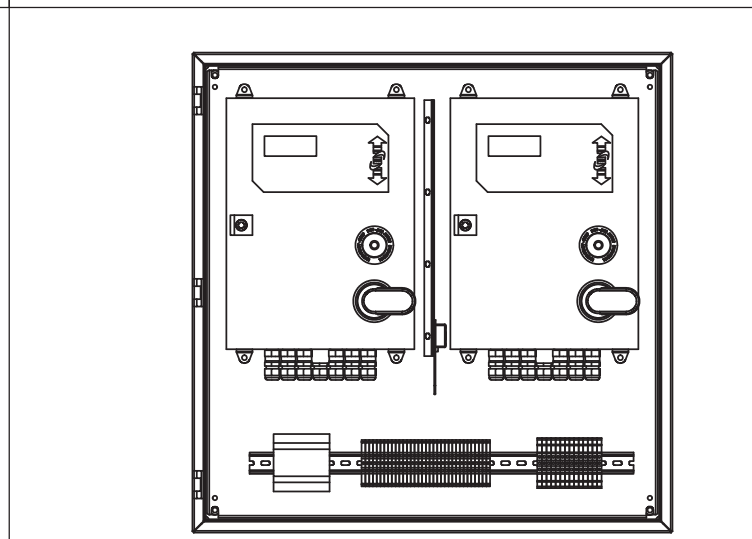
**DETAIL E3**  
OPTIONAL DETENTION GRADE LOCK



**DETAIL F** CONTROLLER ENCLOSURE LOCK



**DETAIL G** OPTIONAL CENTER CATCH PLATE

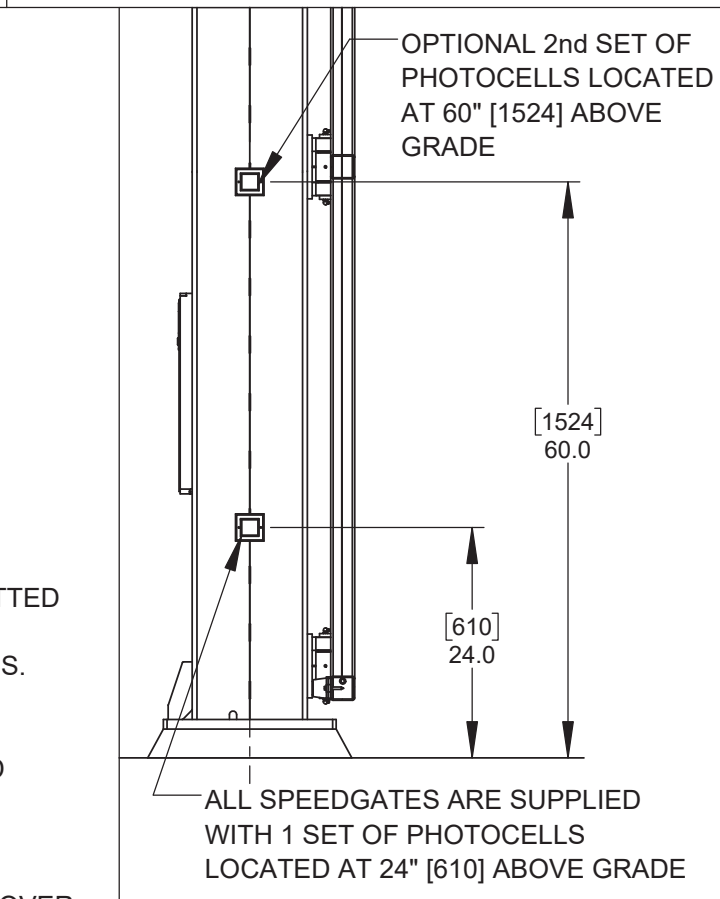


THE NEMA 3R CONTROLLER ENCLOSURE CAN BE FITTED WITH OPTIONAL HEATING OR COOLING KITS TO ACCOMMODATE A WIDE RANGE OF TEMPERATURES.

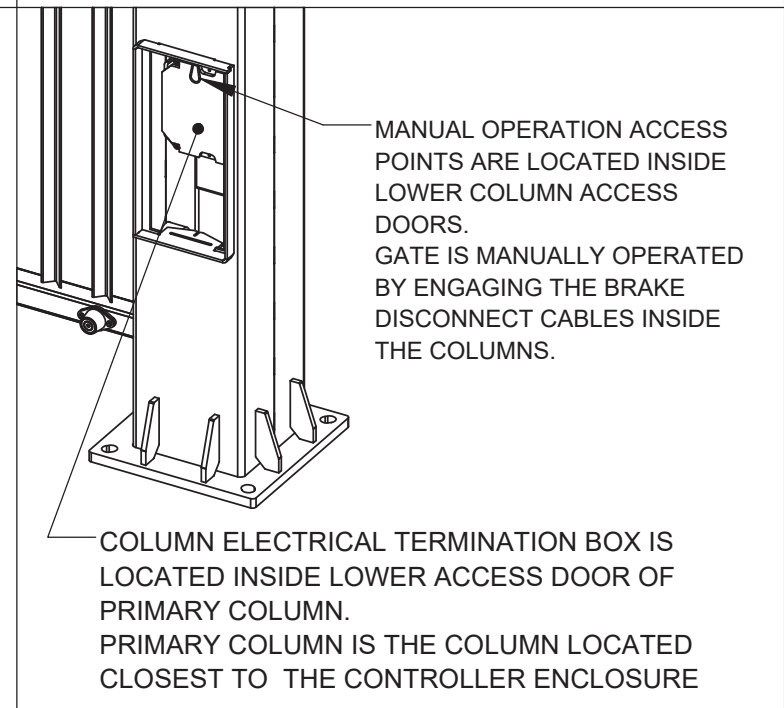
**OPTIONAL HOT WEATHER KIT INCLUDES:**  
EXHAUST FAN, VENT GRILLES, RAIN SHROUDS AND THERMOSTAT.

**OPTIONAL COLD WEATHER KIT INCLUDES:**  
320 WATT SELF-REGULATING HEATER, THERMAL COVER. THERMAL COVER IS ONLY AVAILABLE IF CONTROLLER ENCLOSURE IS FREE STANDAING.

**DETAIL H** ENVIROMENTAL CONTROLS



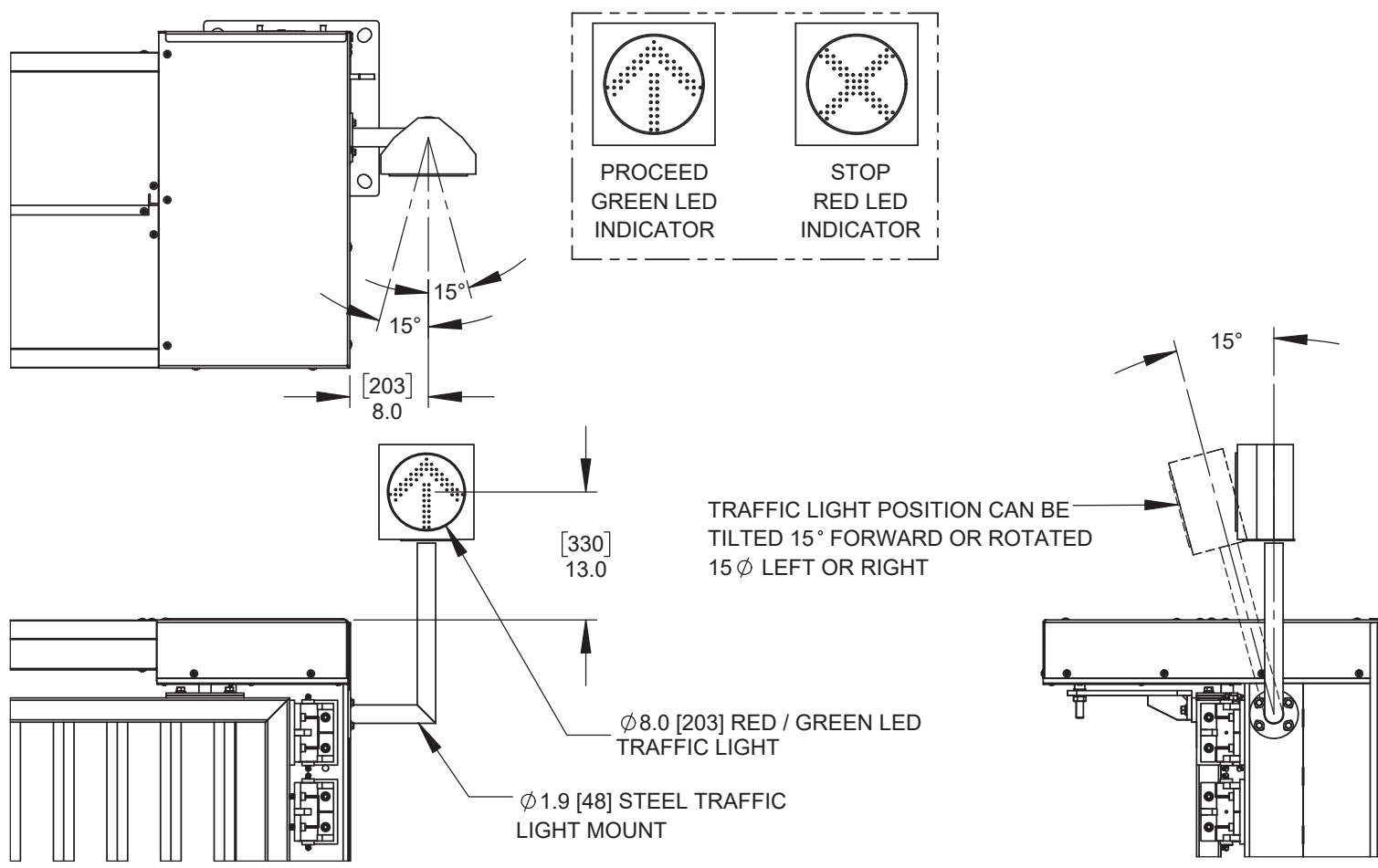
**DETAIL I** PHOTOCELLS



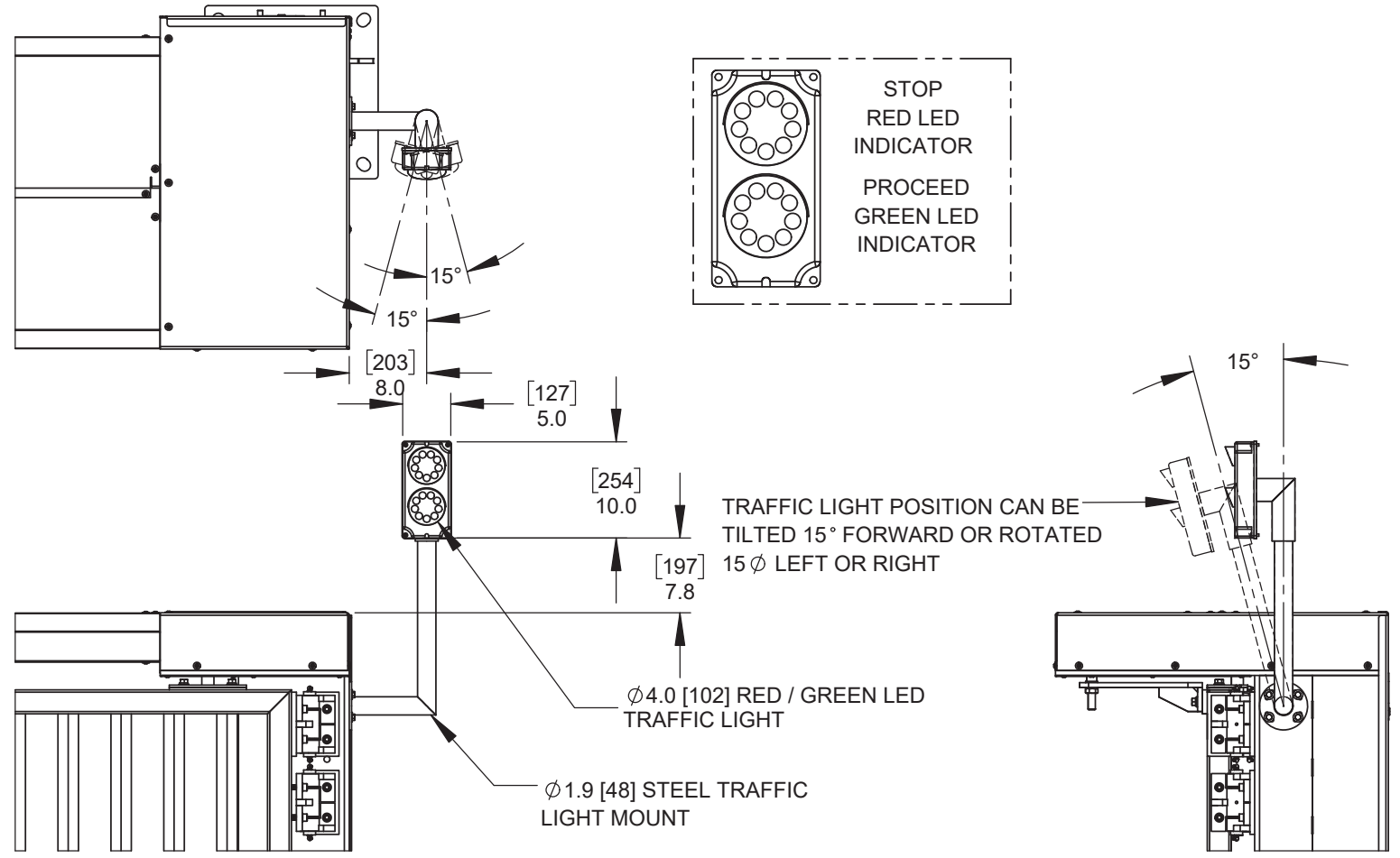
**DETAIL J** MANUAL OPERATION ACCESS POINT / COLUMN ELECTRICAL TERMINATION

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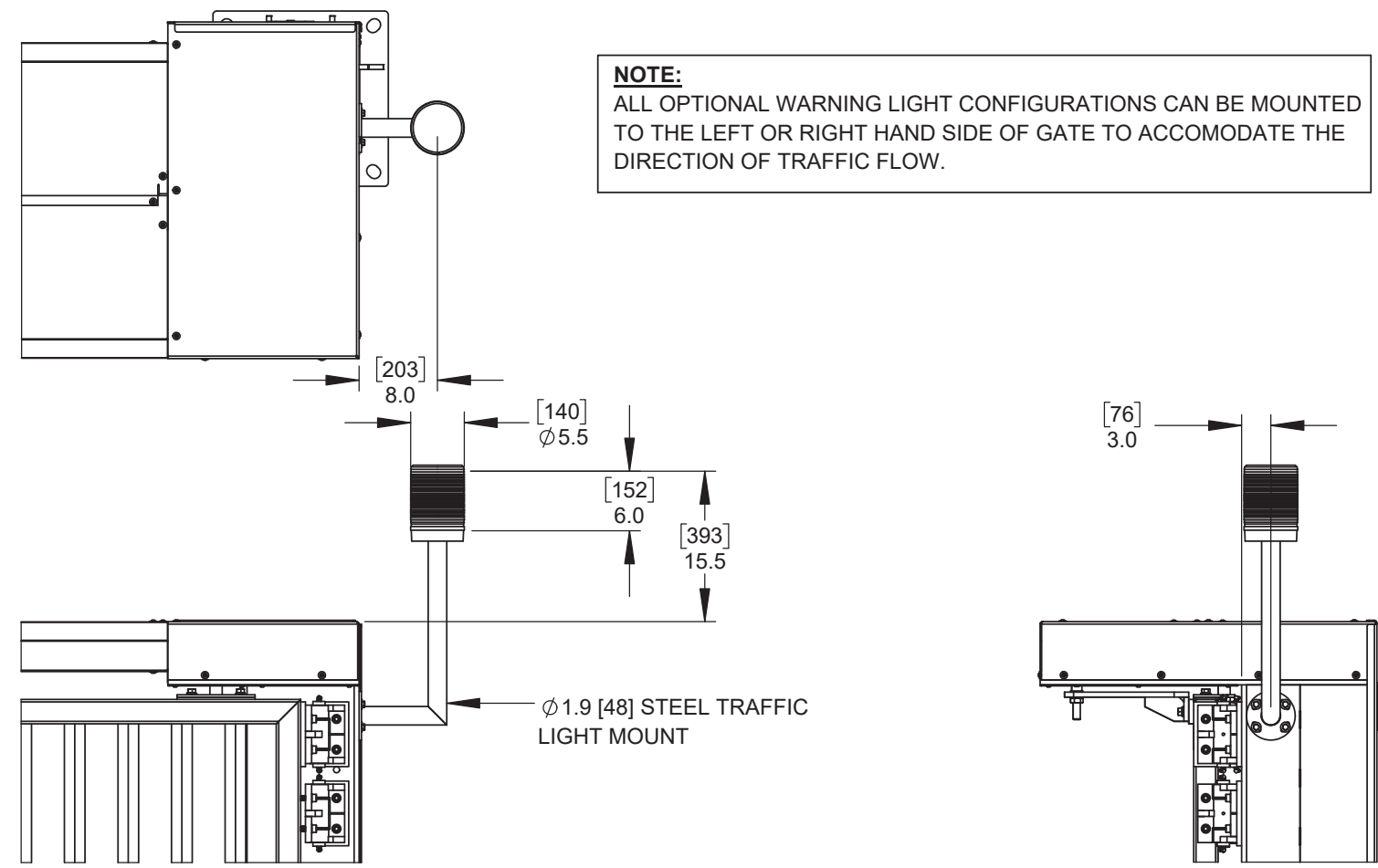
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|--------------------------|----------------------|--|------------------|
| Description:             |                      | <b>PDDT<br/>POST DRIVE TOP TRACK SPEEDGATE</b> |                  |
| Customer / Project Name: |                      |  |                  |
| Finish:                  |                      | Date:  | 3/13/2019        |
| Drawing No.              | <b>PDDT-03-09-18</b> | Rev.   | Sheet:<br>3 of 6 |



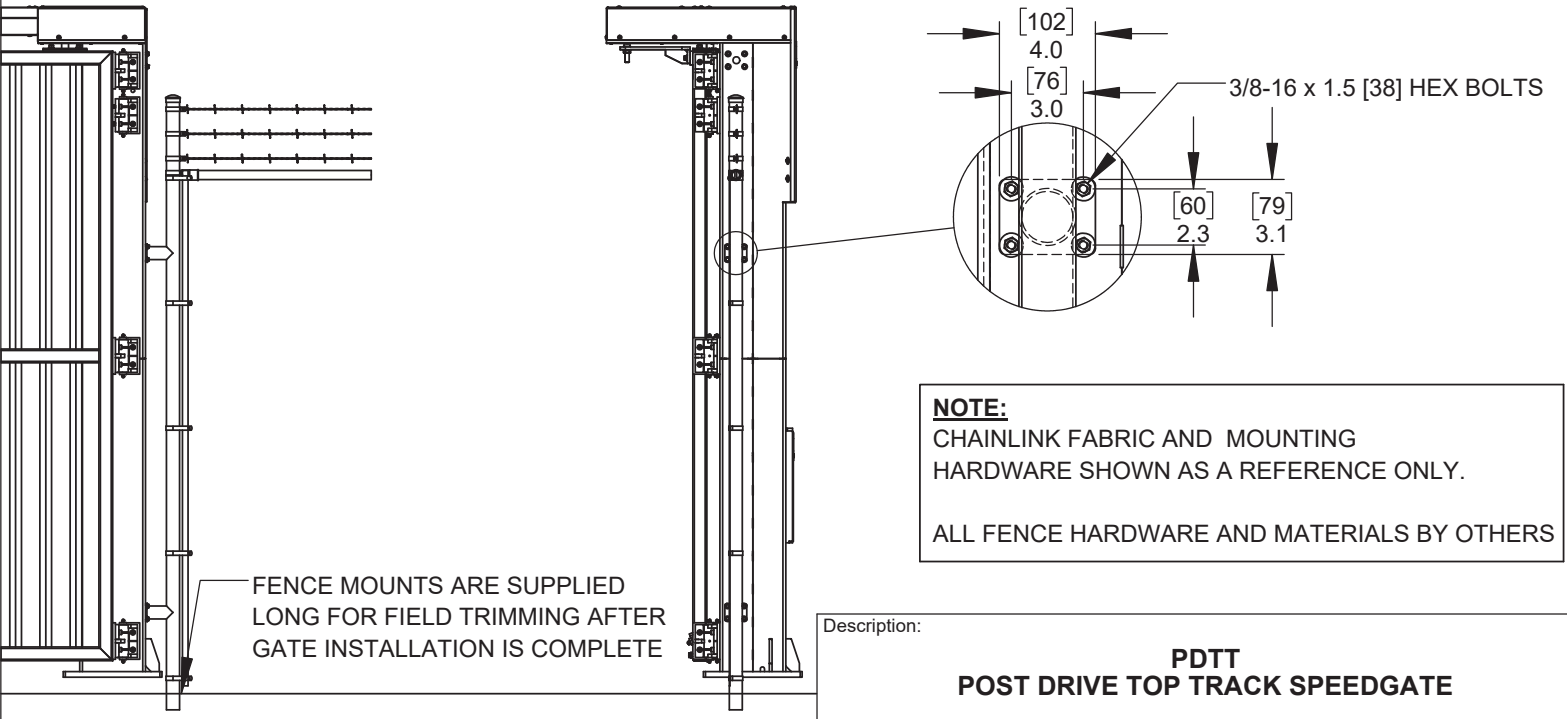
**DETAIL K-1** OPTIONAL 8" [203] RED / GREEN LED TRAFFIC LIGHT



**DETAIL K-2** OPTIONAL 4" [102] RED / GREEN LED TRAFFIC LIGHT



**DETAIL K-3** OPTIONAL AMBER STROBE LIGHT

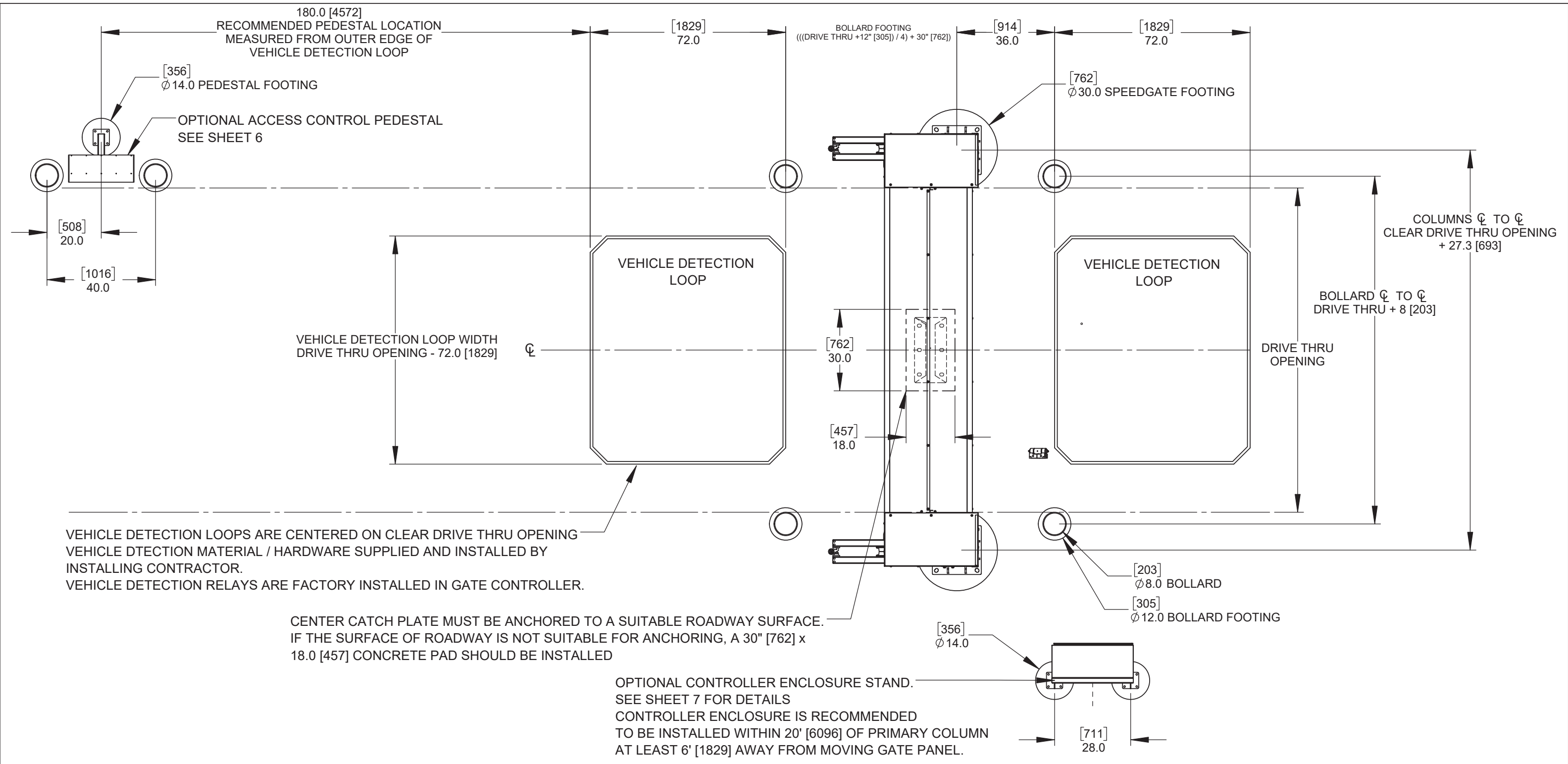


**DETAIL L** OPTIONAL FENCE MOUNTS

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|  |       |           |
|--|-------|-----------|
| Description:                                   |       |           |
| <b>PDDT<br/>POST DRIVE TOP TRACK SPEEDGATE</b> |       |           |
| Customer / Project Name:                       |       |           |
| Finish:  | Date: |           |
|  |       | 3/13/2019 |
| Drawing No.                                    | Rev.  | Sheet:    |
| <b>PDDT-03-09-18</b>                           |       | 4 of 6    |



VEHICLE DETECTION LOOPS ARE CENTERED ON CLEAR DRIVE THRU OPENING  
 VEHICLE DETECTION MATERIAL / HARDWARE SUPPLIED AND INSTALLED BY  
 INSTALLING CONTRACTOR.  
 VEHICLE DETECTION RELAYS ARE FACTORY INSTALLED IN GATE CONTROLLER.

CENTER CATCH PLATE MUST BE ANCHORED TO A SUITABLE ROADWAY SURFACE.  
 IF THE SURFACE OF ROADWAY IS NOT SUITABLE FOR ANCHORING, A 30" [762] x  
 18.0 [457] CONCRETE PAD SHOULD BE INSTALLED

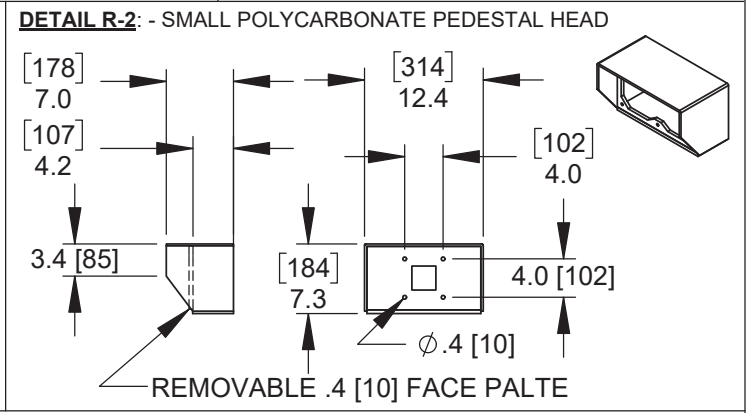
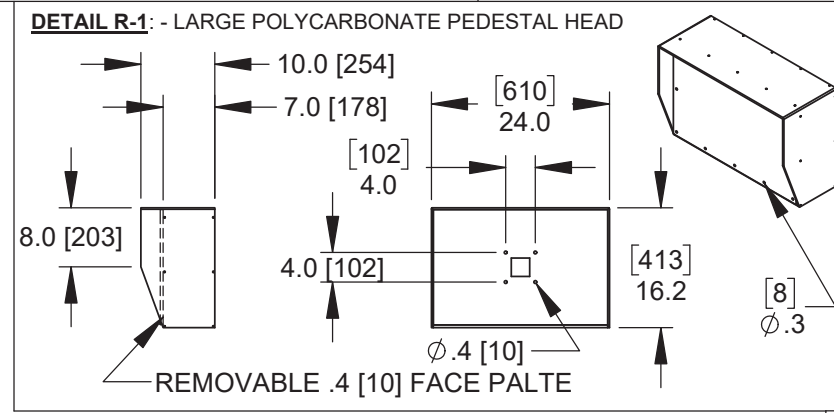
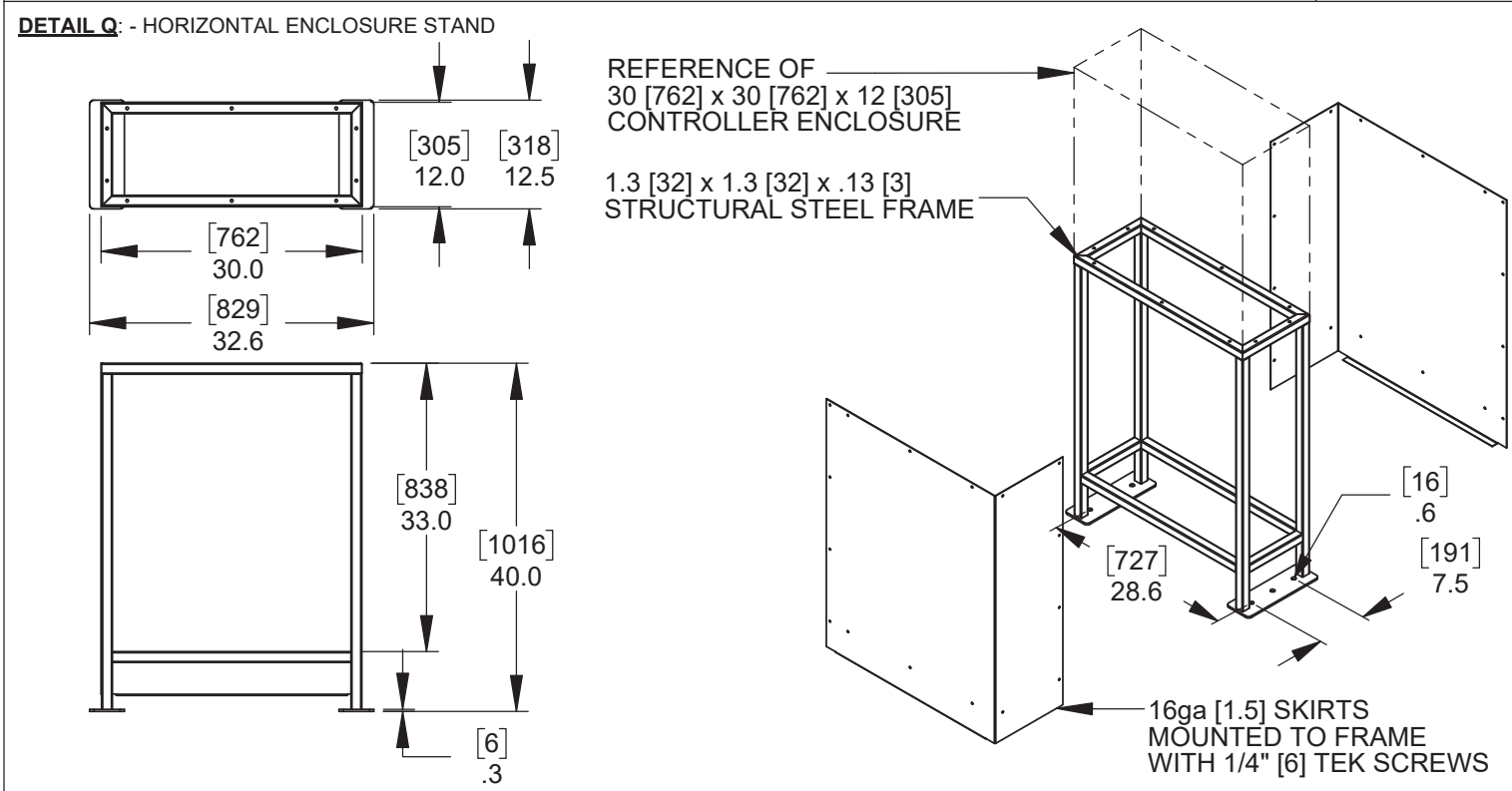
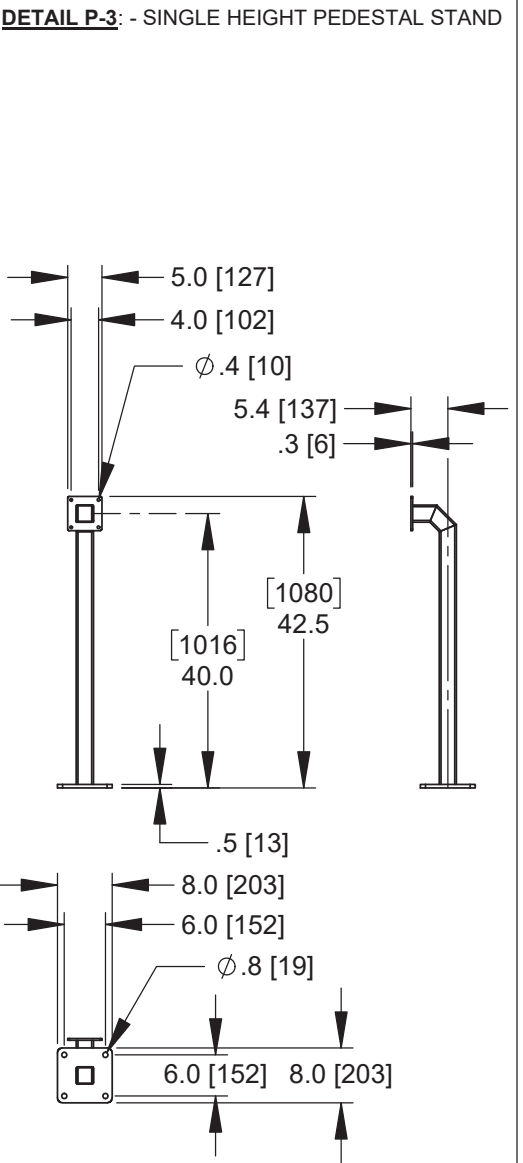
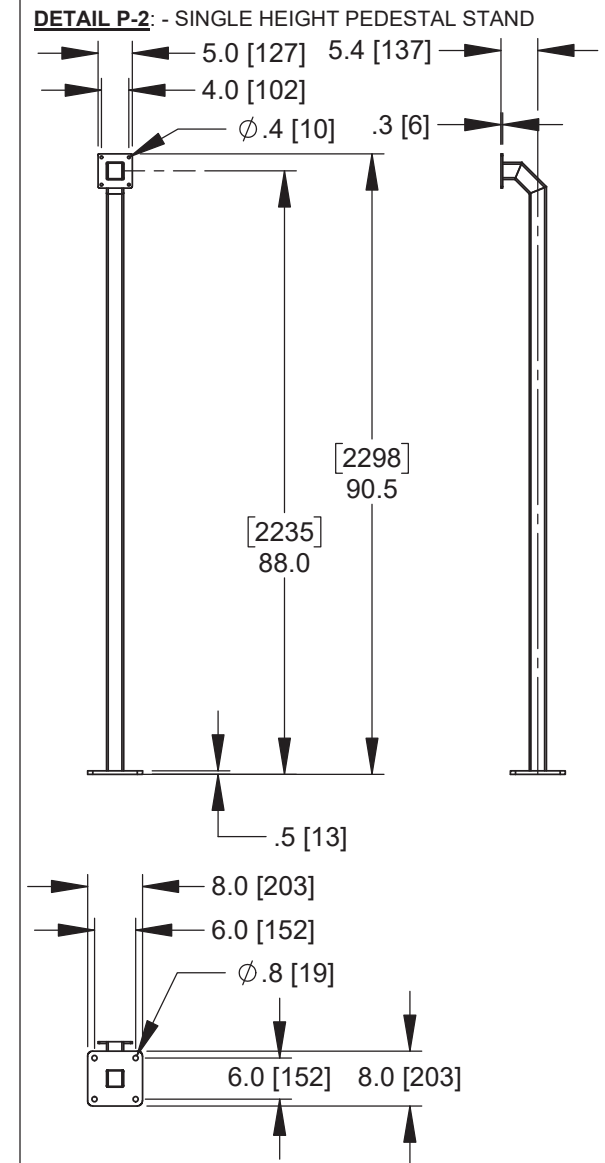
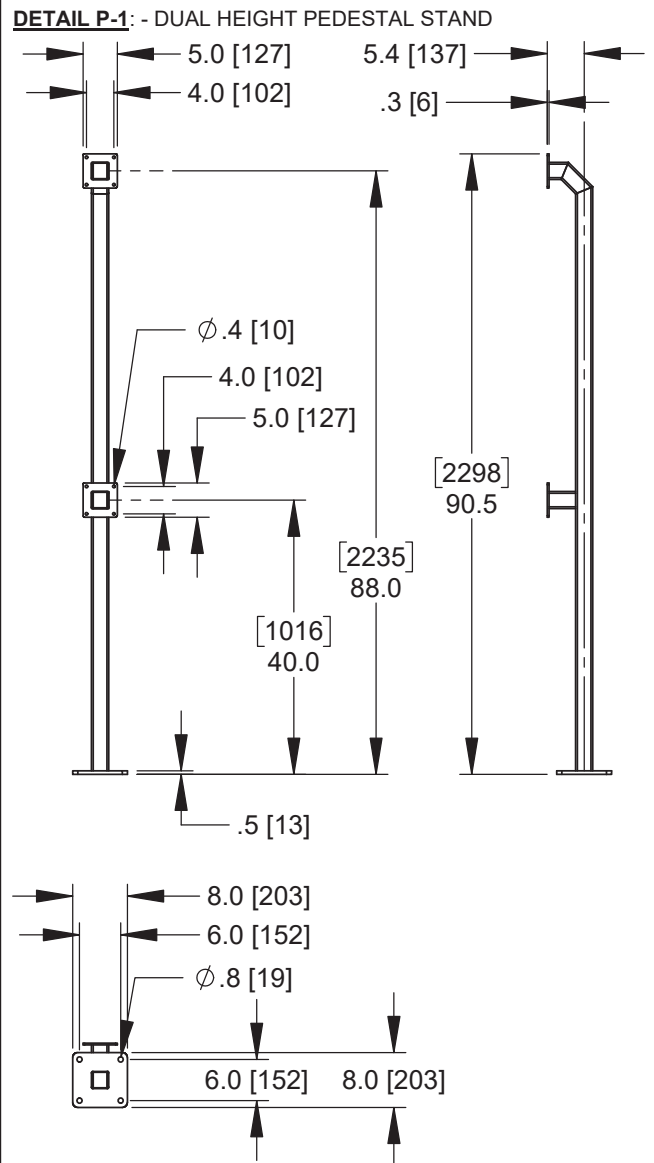
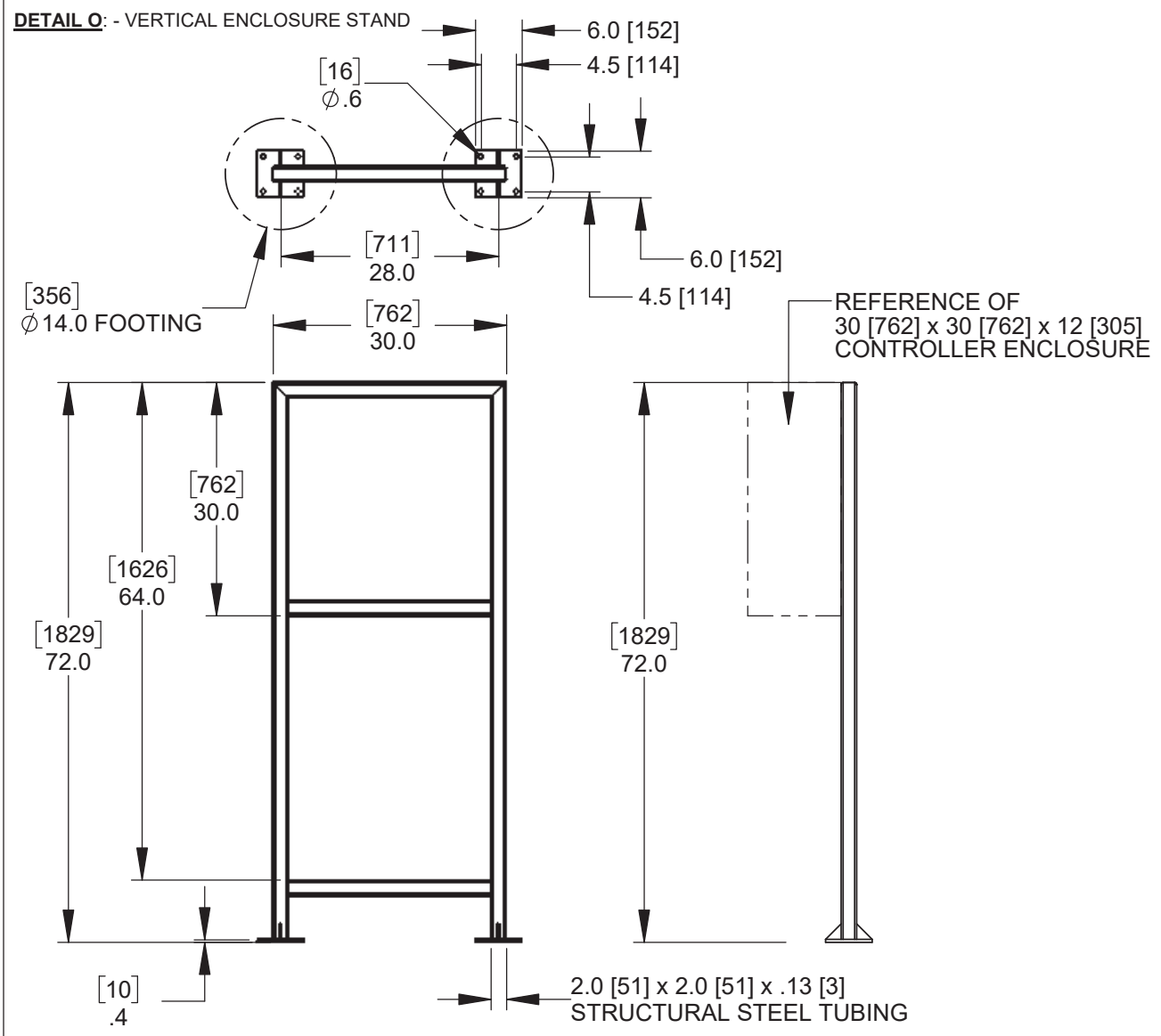
OPTIONAL CONTROLLER ENCLOSURE STAND.  
 SEE SHEET 7 FOR DETAILS  
 CONTROLLER ENCLOSURE IS RECOMMENDED  
 TO BE INSTALLED WITHIN 20' [6096] OF PRIMARY COLUMN  
 AT LEAST 6' [1829] AWAY FROM MOVING GATE PANEL.

**NOTE:**  
 BOLLARD FOUNDATION LOCATIONS ARE SUPPLIED AS A REFERENCE ONLY.  
 ALL FINAL MATERIALS AND DIMENSIONS ARE SUPPLIED AND INSTALLED BY OTHERS.

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|                          |       |  |          |
|--------------------------|-------|--|----------|
| Description:             |       | <b>PDDT<br/>POST DRIVE TOP TRACK SPEEDGATE<br/>GENERIC GATE LAYOUT</b> |          |
| Customer / Project Name: |       |  |          |
| Finish:                  | Date: |  | 3/9/2018 |
| Drawing No.              | Rev.  | Sheet:   |          |
| <b>PDDT-03-09-18</b>     |       | 5 of 6   |          |



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|--------------------------|----------------------|---|------------------|
| Description:             |                      | <b>PDDT<br/>POST DRIVE TOP TRACK SPEEDGATE<br/>CONTROLLER ENCLOSURE STANDS<br/>PEDESTAL HEADS / PEDESTAL STANDS</b> |                  |
| Customer / Project Name: |                      |   |                  |
| Finish:                  |                      | Date:   | 3/21/2019        |
| Drawing No.              | <b>PDDT-03-09-18</b> | Rev.  | Sheet:<br>6 of 6 |