

☐ APPROVED AS SUBMITTED

☐ APPROVED AS NOTED

☐ REVISE AND RESUBMIT

DATE: _____

NAME: _____

SIGNATURE: _____

COMPANY: _____

POSITION: _____

- GENERAL NOTES:
- UNIT INSTALLS ON FINISH FLOOR.

• FLOOR MUST BE DEAD LEVEL (MAX 3/16" RISE) THROUGHOUT FOOTPRINT.

• UNDERGROUND WIRING CONDUIT REQUIRED.

• OPTIONAL PLATFORM AVAILABLE.

• UNIT IS FREE STANDING – NO VERTICAL STRUCTURAL SUPPORT REQUIRED.

• ANCHORING TO FLOOR IS REQUIRED.

• ADHERE TO LOCAL CODES DURING INSTALLATION.

- CODED NOTES:
1. CABINET – #4 STAINLESS STEEL FRONT & SIDE PANELS

2. TOP – BLACK POWDER COATED STEEL: 5/32"[4mm] THK

3. CARD READER + AUTHORIZATION LIGHT LOCATION.
MAX CARD READER SIZE:
3.9"[99mm]W X 8.8"[223.5mm]L X 1.9"[48mm]H

4. FRONT COVER – BLACK ACRYLIC LED WINDOW 1/8"[3.1mm] THK

5. CLEAR TEMPERED GLASS BARRIER: 3/8"[10mm] THK

6. LOW OBJECT DETECTION SENSORS

7. CARD ENTRY / CARD EXIT

- ELECTRICAL NOTES:
- REFER TO BOON EDAM INSTALLATION SITE REQUIREMENTS SHEET

• ALL CONDUIT BY OTHERS.

- MAINS VOLTAGE OPTIONS:
- 110VAC, 60HZ, SINGLE PHASE (L1,N,PE) 20AMP BREAKER

• 220VAC, 60HZ, DUAL PHASE (L1,L2,PE) 20AMP BREAKER

- ACCESS CONTROL SIGNALS:
- INPUTS: SEE MANUAL. CARD READ SIGNALS: N/O, 1 SECOND PULSE.

• OUTPUTS: CONFIGURABLE FOR NORMALLY OPEN OR NORMALLY CLOSED.
(SEE MANUAL)

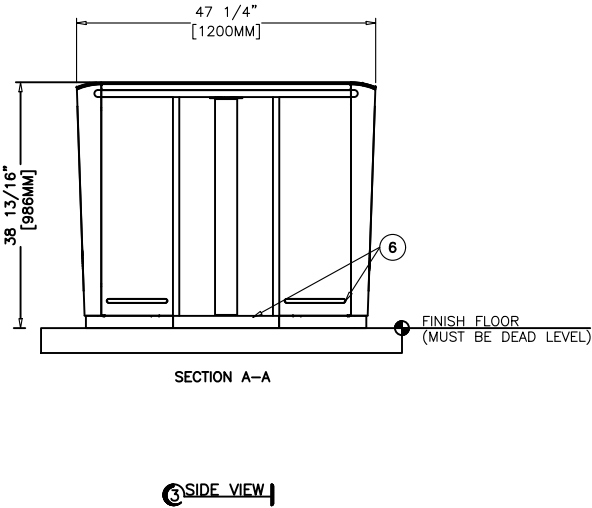
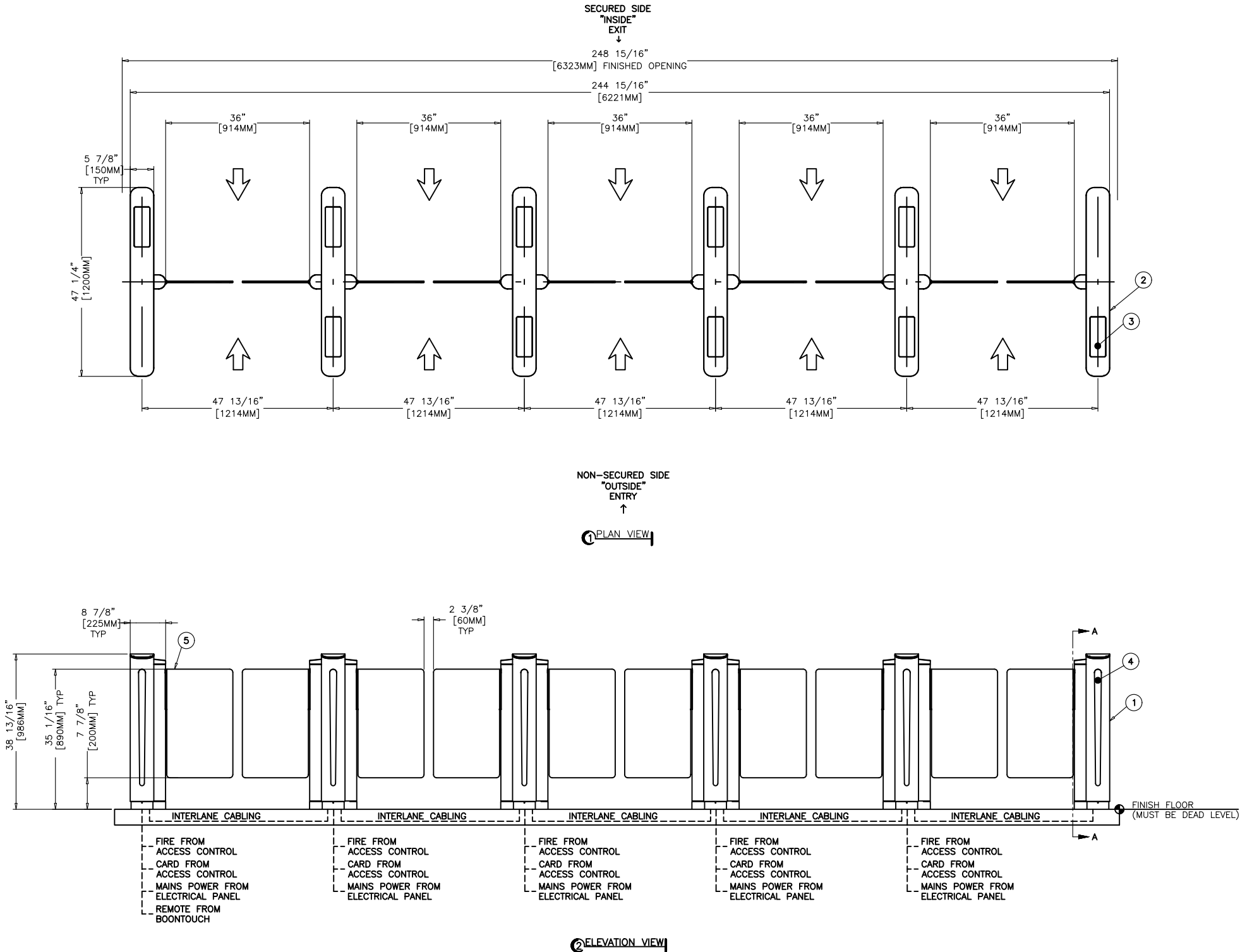
• FIRE ALARM: NORMALLY CLOSED DRY CONTACT, SEPERATE SIGNAL TO EACH PRIMARY (CANNOT BE DAISY CHAINED)

- BOONTOUCH REQUIRES:
- ONE (1) CAT 6 HOME RUN CABLE FROM BOONTOUCH CONTROL PANEL TO PRIMARY UNIT. BY OTHERS. FOR DETAILS SEE CONDUIT LAYOUT.

• ONE (1) ADDITIONAL CABLE BETWEEN EACH LANE. BY OTHERS.

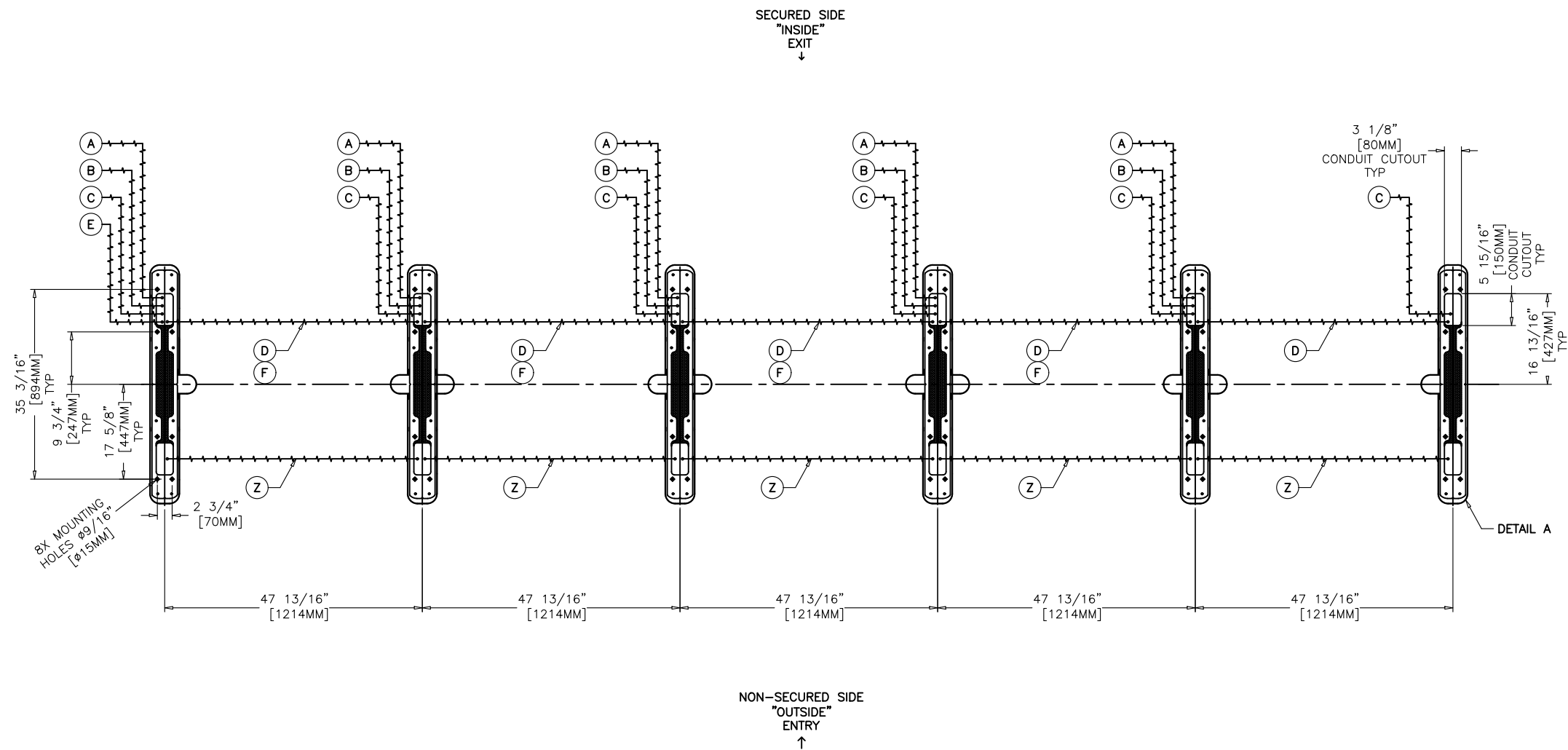
• ONE (1) CABLE BETWEEN ARRAYS. BY OTHERS. FOR DETAILS SEE CONDUIT LAYOUT.

• MAX 6 LANES PER BOONTOUCH PANEL.



B	TERMINOLOGY UPDATE	1 OF 3	3/25/21 HSR
A	CUTSHEET	1 OF 3	8/25/20 MMB
REV	DESCRIPTION	PAGE	DATE

REVISION LOG



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- UNDERGROUND WIRING CONDUIT REQUIRED.
- OPTIONAL PLATFORM AVAILABLE.
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- ADHERE TO LOCAL CODES DURING INSTALLATION.

ELECTRICAL NOTES:

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- 220VAC, 60HZ, DUAL PHASE (L1,L2,PE) 20AMP BREAKER

ACCESS CONTROL SIGNALS:

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- OUTPUTS: CONFIGURABLE FOR NORMALLY OPEN OR NORMALLY CLOSED. (SEE MANUAL).
- FIRE ALARM: NORMALLY CLOSED DRY CONTACT, SEPARATE SIGNAL TO EACH PRIMARY (CANNOT BE DAISY CHAINED).

SECURE SIDE ONLY:

- A – ONE CONDUIT FOR MAINS POWER PER PRIMARY CABINET. CAN ALSO BE DAISY CHAINED UP TO 6 PRIMARY CABINETS.
- B – ONE CONDUIT FOR 2 CONDUCTOR FIRE PER PRIMARY CABINET.
- C – ONE CONDUIT FOR ACS CABLE – MAX 1/0 28 CONDUCTOR.
- D – ONE 1" CONDUIT FOR BOON EDAM SUPPLIED INTERLANE CABLING ONLY :
 - ONE INTERLANE 3 CONDUCTOR POWER CABLE (+24VDC, 0VDC, GROUND).
 - ONE INTERLANE CAT 6 COMMUNICATION CABLE.
 - 12' USEABLE CABLE SUPPLIED.
- E – 1/2" X CAT 6 CABLE TO FIRST PRIMARY FROM BOONTOUCH CONTROL PANEL. BY OTHERS.
- F – 1/2" X CAT 6 CABLE BETWEEN PRIMARIES FOR BOONTOUCH DAISY CHAIN. BY OTHERS. MAX. 6 LANES PER BOONTOUCH PANEL.

NON-SECURE SIDE:

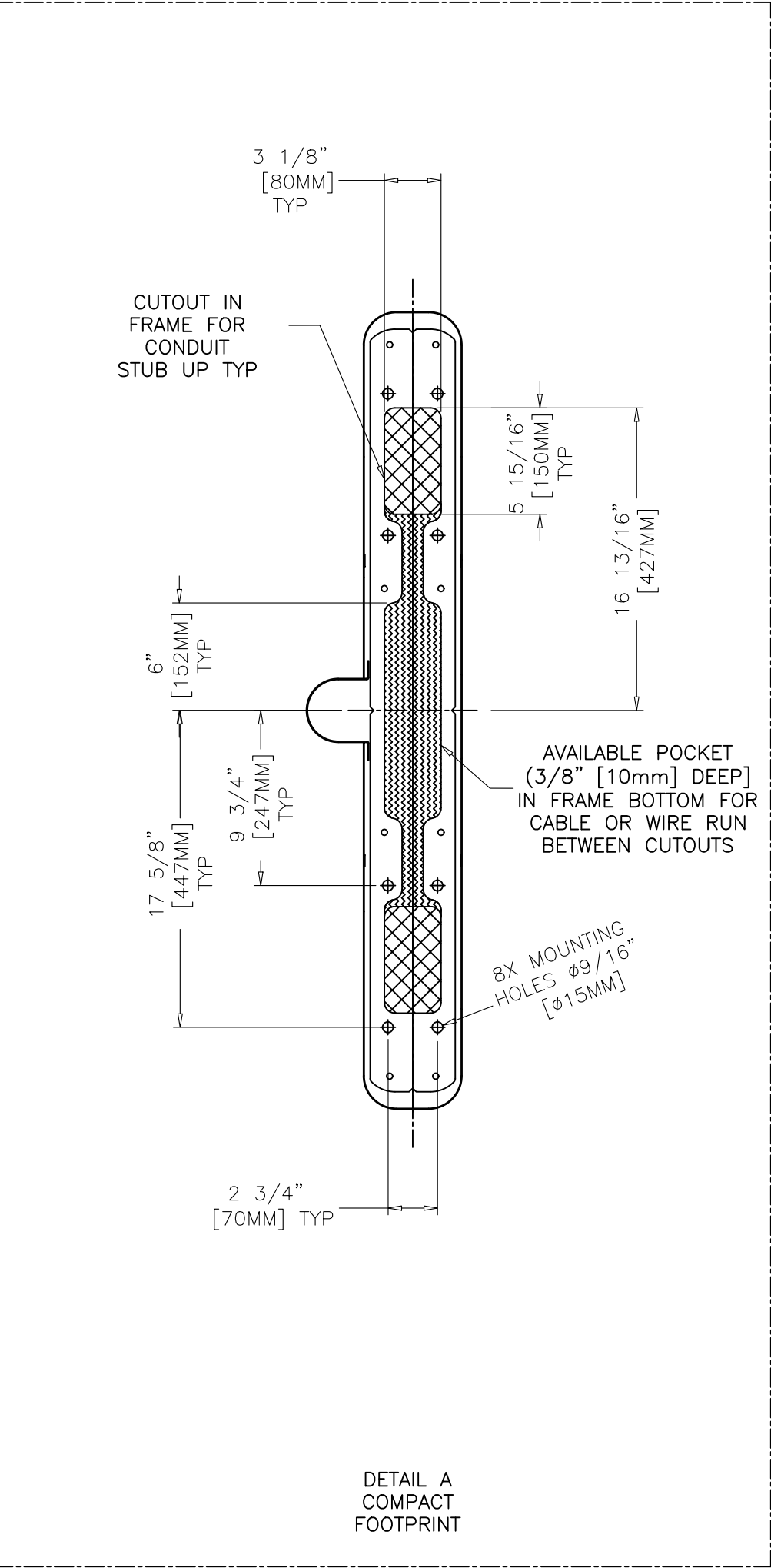
- Z – OPTIONAL LOCATION FOR LOW VOLTAGE CABLING

BOONTOUCH CAN CABLE DETAILS (FOR E, F CABLE RUNS):

- NUMBER OF WIRES: 4 OR 6 CAT 6
- TYPE: TWISTED PAIR
- CORE: 26 OR 28 AWG STRANDED OR TINSEL WIRE
- INSULATION DIAMETER: 0.89–0.99 MM [0.035–0.039"]
- MAXIMUM OVAL CABLE JACKET: 2.29x6.61MM [0.090x0.260"]
- MAXIMUM TOTAL CABLE LENGTH: 100M (325')
- CONNECTORS: RJ12

B	TERMINOLOGY UPDATE	2 OF 3	3/25/21 HSR
A	CUTSHEET	2 OF 3	8/25/20 MMB
REV	DESCRIPTION	PAGE	DATE

REVISION LOG



B	TERMINOLOGY UPDATE	3 OF 3	3/25/21 HSR
A	CUTSHEET	3 OF 3	8/25/20 MMB
REV	DESCRIPTION	PAGE	DATE

REVISION LOG