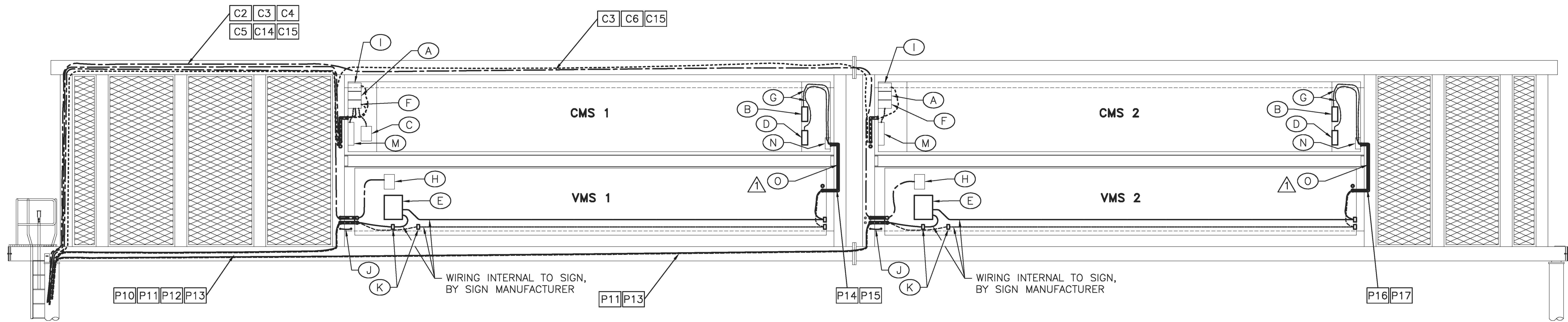
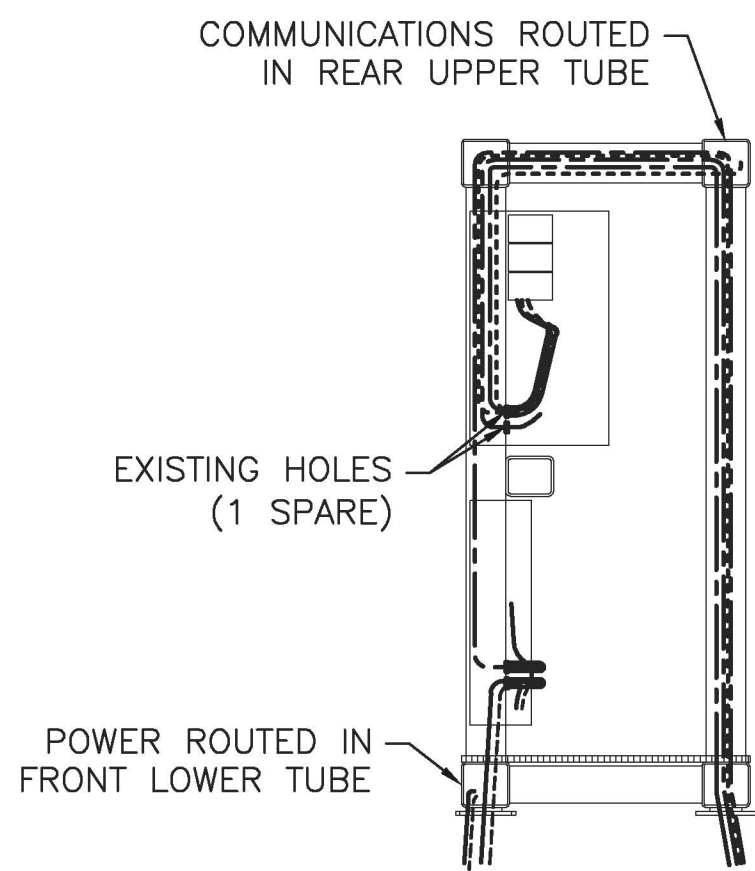




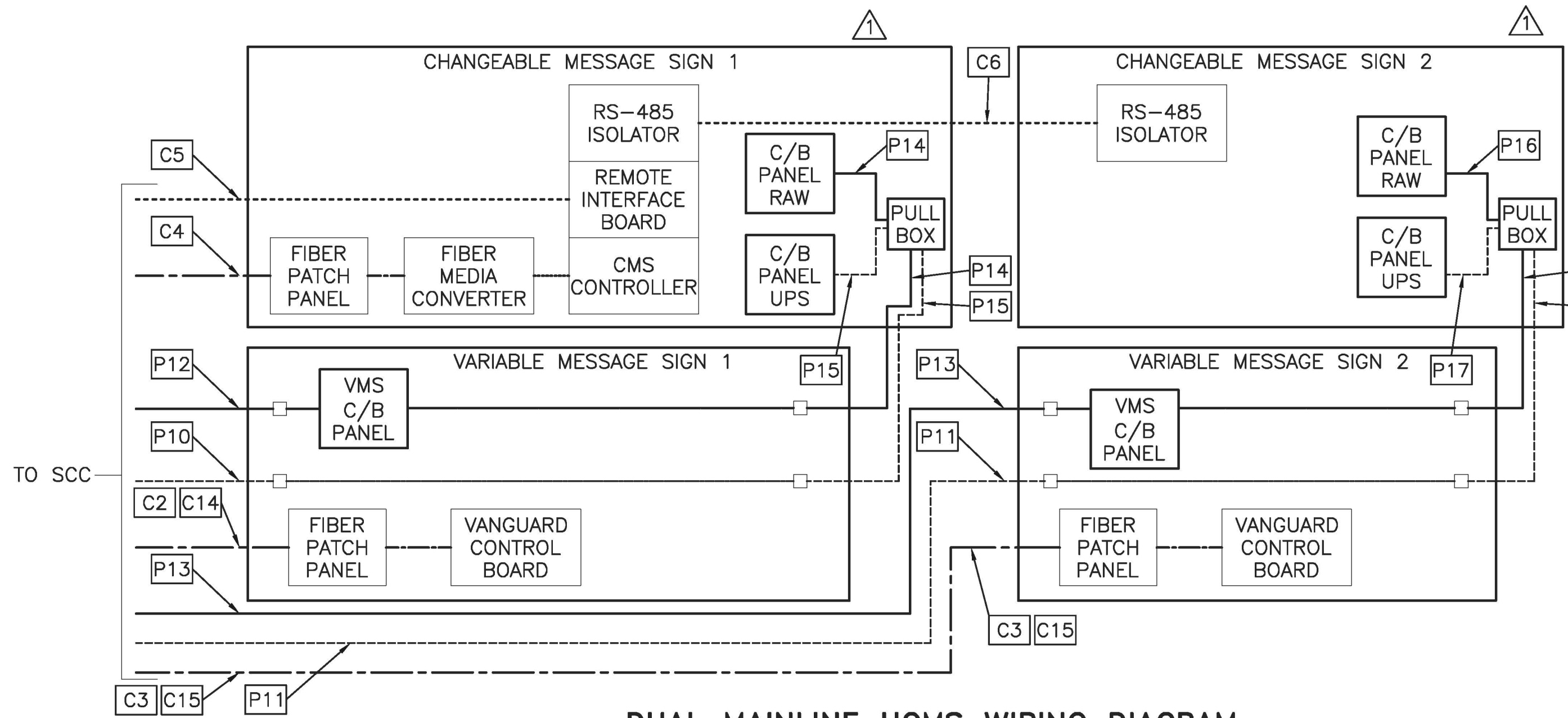
REAR ELEVATION



SIDE VIEW

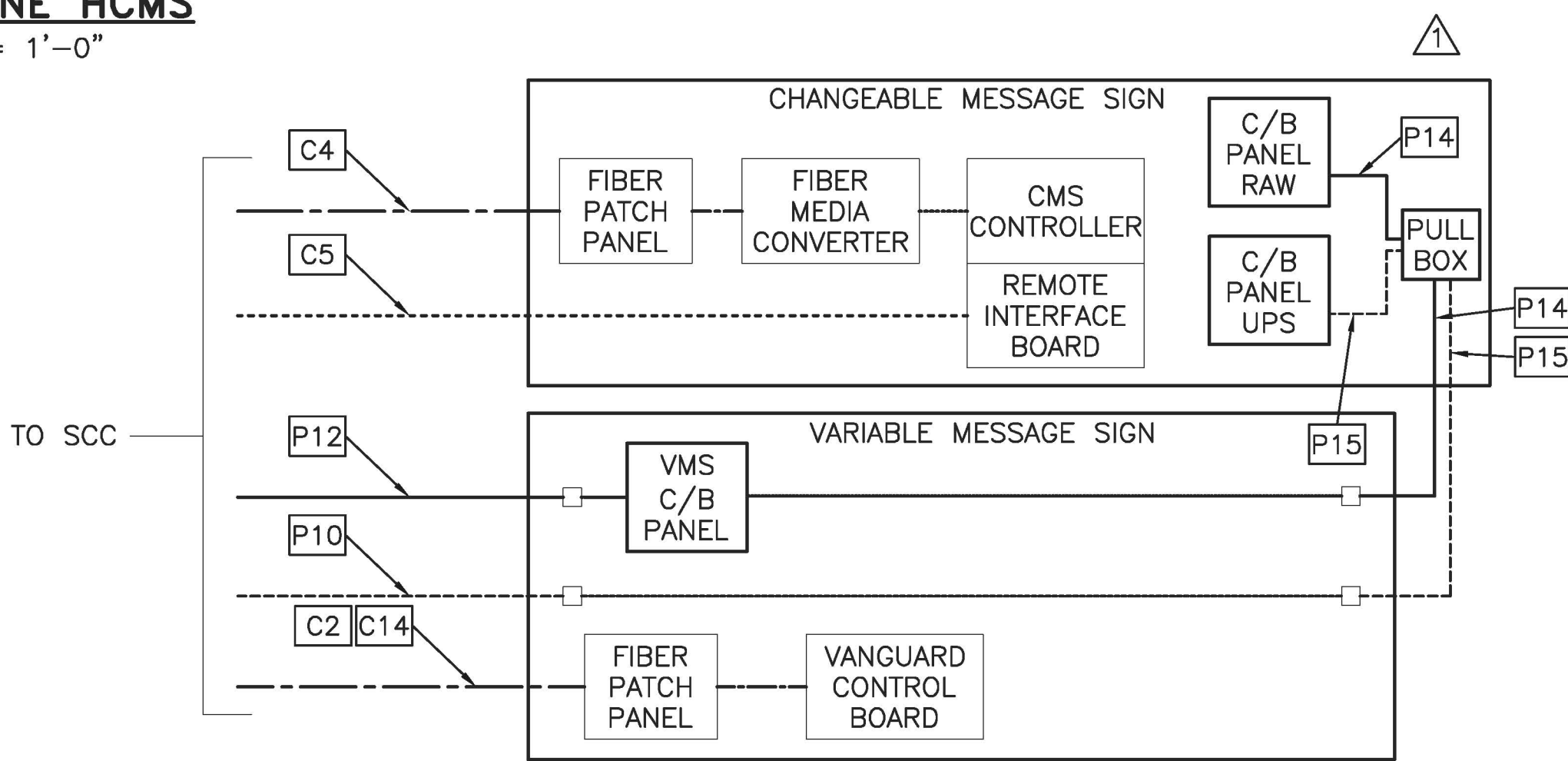
DUAL MAINLINE HCMS

SCALE: 1/4" = 1'-0"



DUAL MAINLINE HCMS WIRING DIAGRAM

NO SCALE



SINGLE MAINLINE HCMS WIRING DIAGRAM

NO SCALE

EQUIPMENT LEGEND:

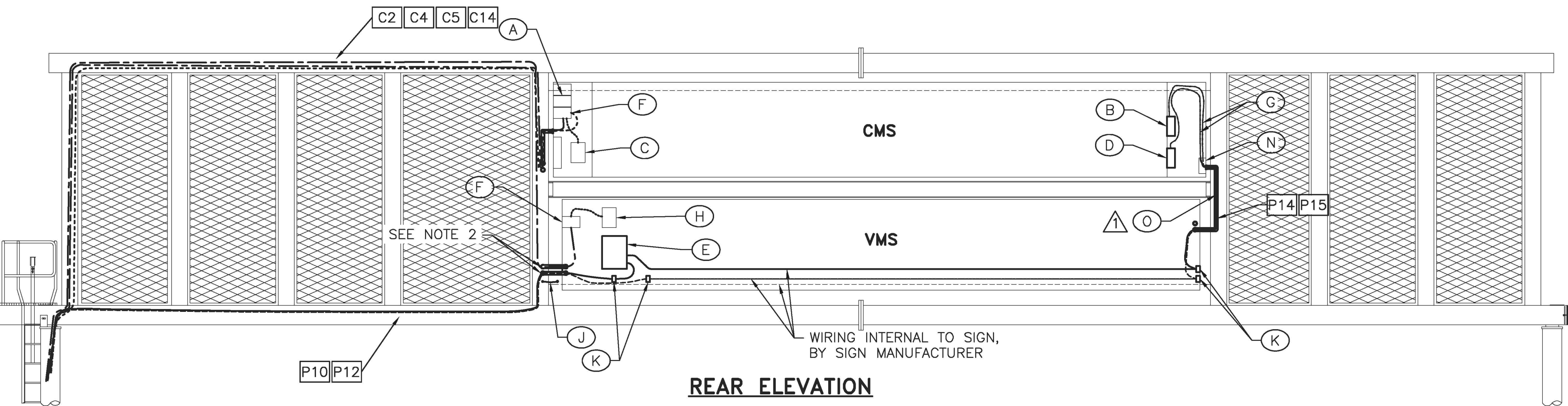
- (A) MEDIA CONVERTER
- (B) CIRCUIT BREAKER FOR LED LIGHTS, RECEPTACLES, AND HEATERS
- (C) CMS CONTROLLER ON DOOR
- (D) CIRCUIT BREAKER FOR CM POWER SUPPLIES (UPS POWER)
- (E) CIRCUIT BREAKER PANEL FOR VMS
- (F) FIBER PATCH PANEL
- (G) (2) 3/4" GREENFIELD
- (H) VMS CONTROLLER (VANGUARD CONTROLLER BOARD)
- (I) RS-485 ISOLATOR
- (J) BONDING JUMPER
- (K) TERMINAL BLOCKS
- (M) MOTOR CONTROL BOARD (MCB)
- (N) PULL BOX
- (O) (1) 2" FMC

KEY (THIS SHEET ONLY)

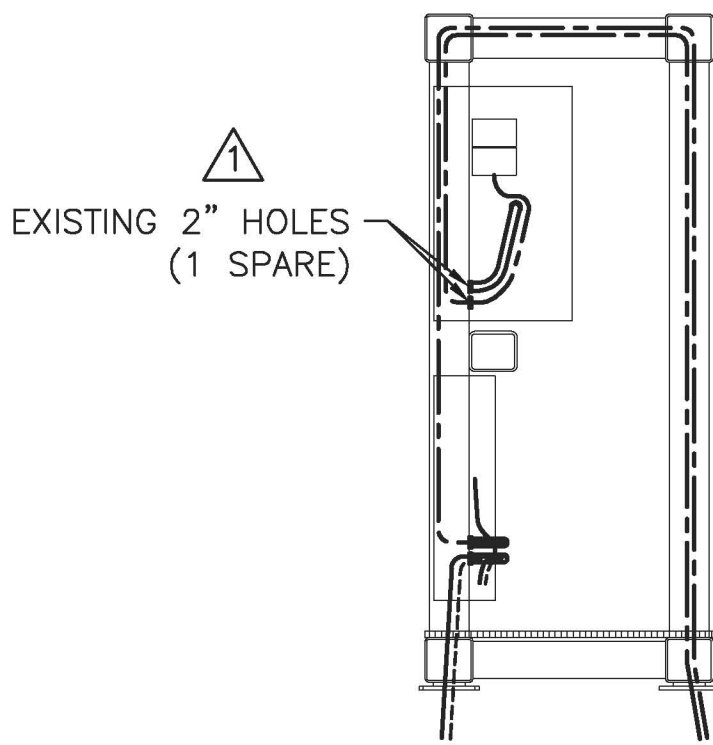
- CAT 5e CABLE
- FIBER-OPTIC CABLE
- RAW POWER
- RAW POWER (BY MANUFACTURER)
- UPS POWER
- UPS POWER (BY MANUFACTURER)
- FMC

NOTES:

- FOR LEGEND, ABBREVIATIONS, AND CABLE AND CONDUIT SCHEDULES SEE STANDARD DRAWINGS ITS-37 AND ITS-38.
- EXISTING HOLES IN STRUCTURAL MEMBER TO BE UTILIZED. IF HUBS ARE NOT INSTALLED, THE CONTRACTOR SHALL FURNISH AND INSTALL 2" HUBS.
- INDICATED WIRING IS INTERNAL TO SIGN, BY MANUFACTURER.
- MMFO CABLE PROVIDED BY DAKTRONICS FOR THE CONTRACTOR TO INSTALL.



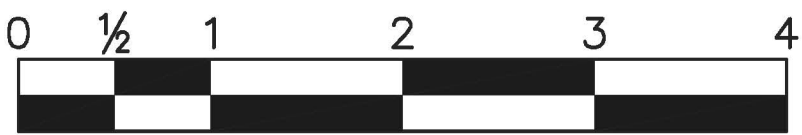
REAR ELEVATION



SIDE VIEW

SINGLE MAINLINE HCMS

SCALE: 1/4" = 1'-0"



ORIGINAL SIZE IN INCHES

APP.	NO.	DATE	REVISION
	1	5/2014	WIRE MODIFICATIONS
	0	11/2013	ORIGINAL DRAWING

NEW JERSEY TURNPIKE AUTHORITY

NEW JERSEY TURNPIKE

HCMS MAINLINE
DETAILS - 3

HNTB 9 ENTIN ROAD, SUITE 202,
PARSIPPANY, NJ 07054 - COA# 24GA28000700

ANTHONY L. BARTELLO

New Jersey Professional Engineer License No. GE 45842

STANDARD
DRAWING
ITS-40A

BY	DATE
MADE	ALB 08/2013
TRACED	MDC 08/2013
CHECKED	ALB 08/2013
SUPERVISED	ALB 08/2013

ACAD FILE NAME: NJTA-SD ITS-40a.dwg Layout: .Layout1

CONTRACT NO.

SHEET NO.

OF