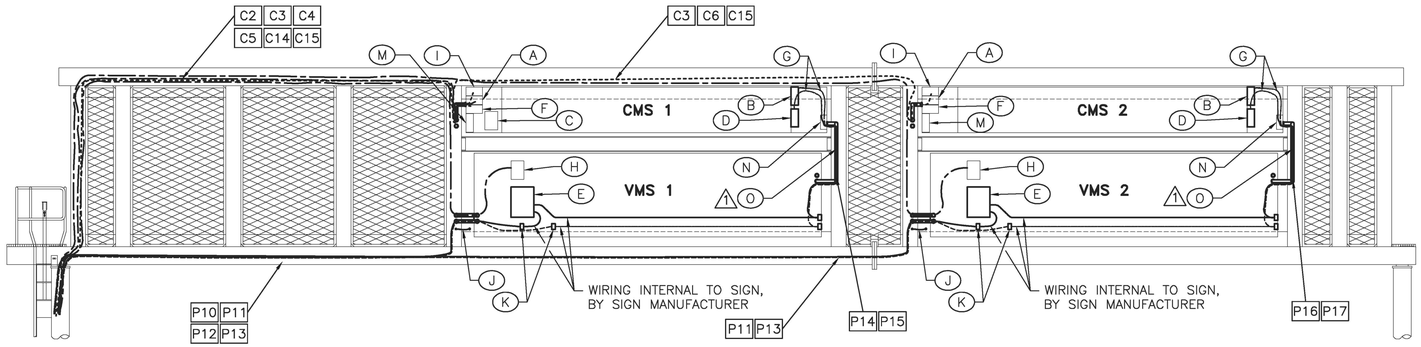
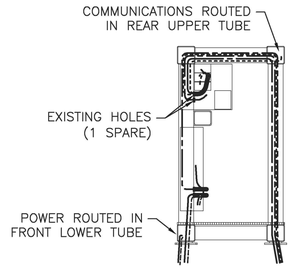


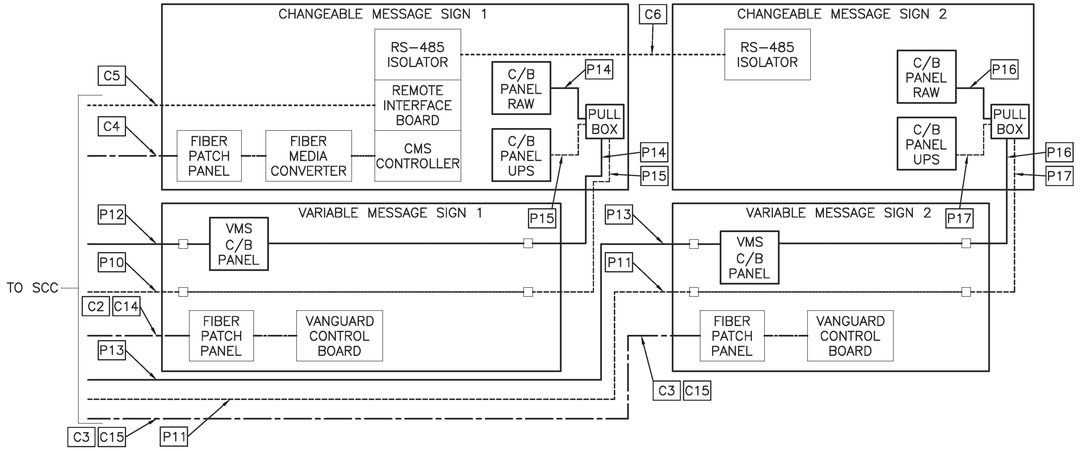
REAR ELEVATION



SIDE VIEW

DUAL RAMP HCMS

SCALE: ¼" = 1'–0"



DUAL RAMP HCMS WIRING DIAGRAM

NO SCALE

KEY (THIS SHEET ONLY)

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

EQUIPMENT LEGEND:

	(A)	MEDIA CONVERTER
	(B)	CIRCUIT BREAKER FOR LED LIGHTS, RECEPTACLES, AND HEATERS
	(C)	CM CONTROLLER ON DOOR
	(D)	CIRCUIT BREAKER FOR CM POWER SUPPLIES (UPS POWER)
	(E)	CIRCUIT BREAKER PANEL FOR VMS
	(F)	FIBER PATCH PANEL
1	(G)	(2) ¾" 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
1	(O)	(1) 2" FMC

NOTES:

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

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

0 ½ 1 2 3 4

ORIGINAL SIZE IN INCHES

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

NEW JERSEY TURNPIKE AUTHORITY

NEW JERSEY TURNPIKE

HCMS RAMP 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–42A

ACAD FILE NAME: NJTA–SD ITS–42a.dwg Layout: .Layout1

CONTRACT NO. SHEET NO. OF

MOTOR FILE: S:\ALL\Projects\Drawings\Working Files\ITS\NJTA-SD ITS-42a.mxd" LAST SAVED DATE: May 23, 2014 – 21:58 By: McCauley
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