MAD DIGITAL PRODUCTS WIRING DIAGRAM

Issue Date
2024-02-12

Revision History

Rev	Description:					
01	Added VMS system, miscellaneous corrections for clarity					
	Issue Date: 2024-02-12	**Prepared by:** Prabdeep Gahlla	**Peer Review by:** Deepak Rai	**Approved by:** Andrey Palcikovs		

Revision Log

Rev	Section / Paragraph	Page	Description
01	-	-	Added VMS system, miscellaneous corrections for clarity
00	-	-	Initial Issue

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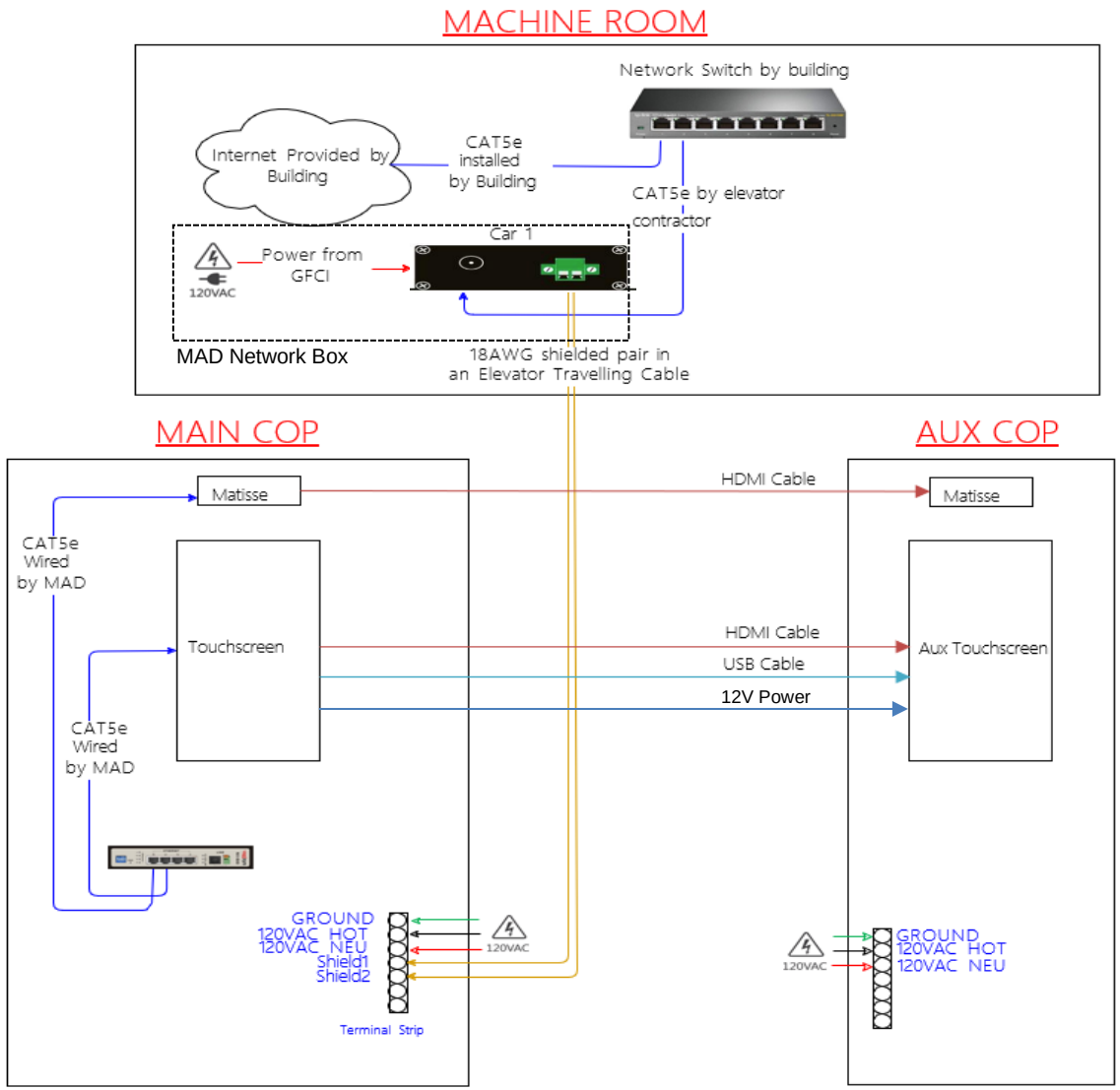
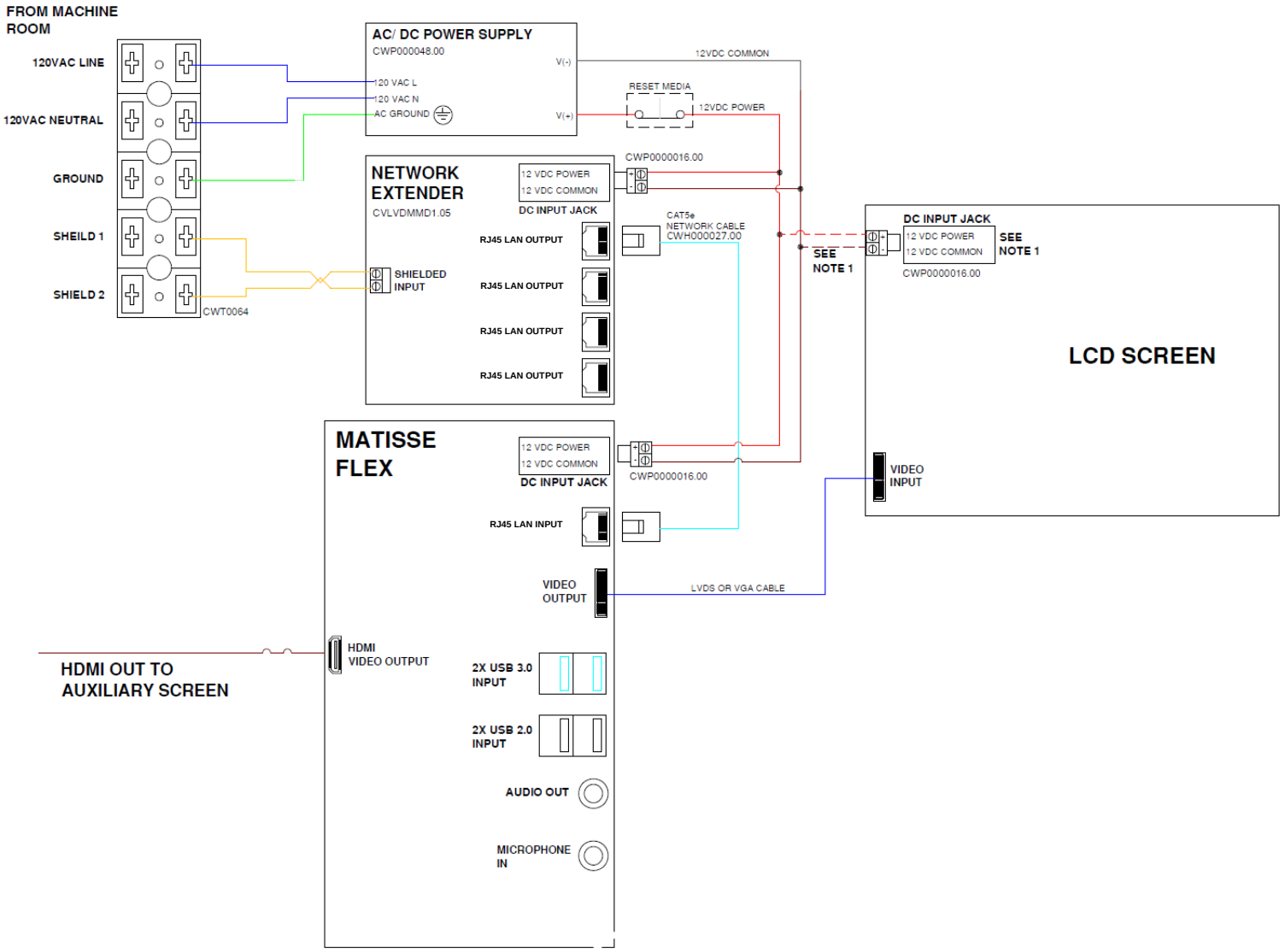
1 MATISSE DIGITAL SIGNAGE/TTG NETWORK CONNECTION OVERVIEW



2 MATISSE FLEX - DIGITAL SIGNAGE - MAIN COP



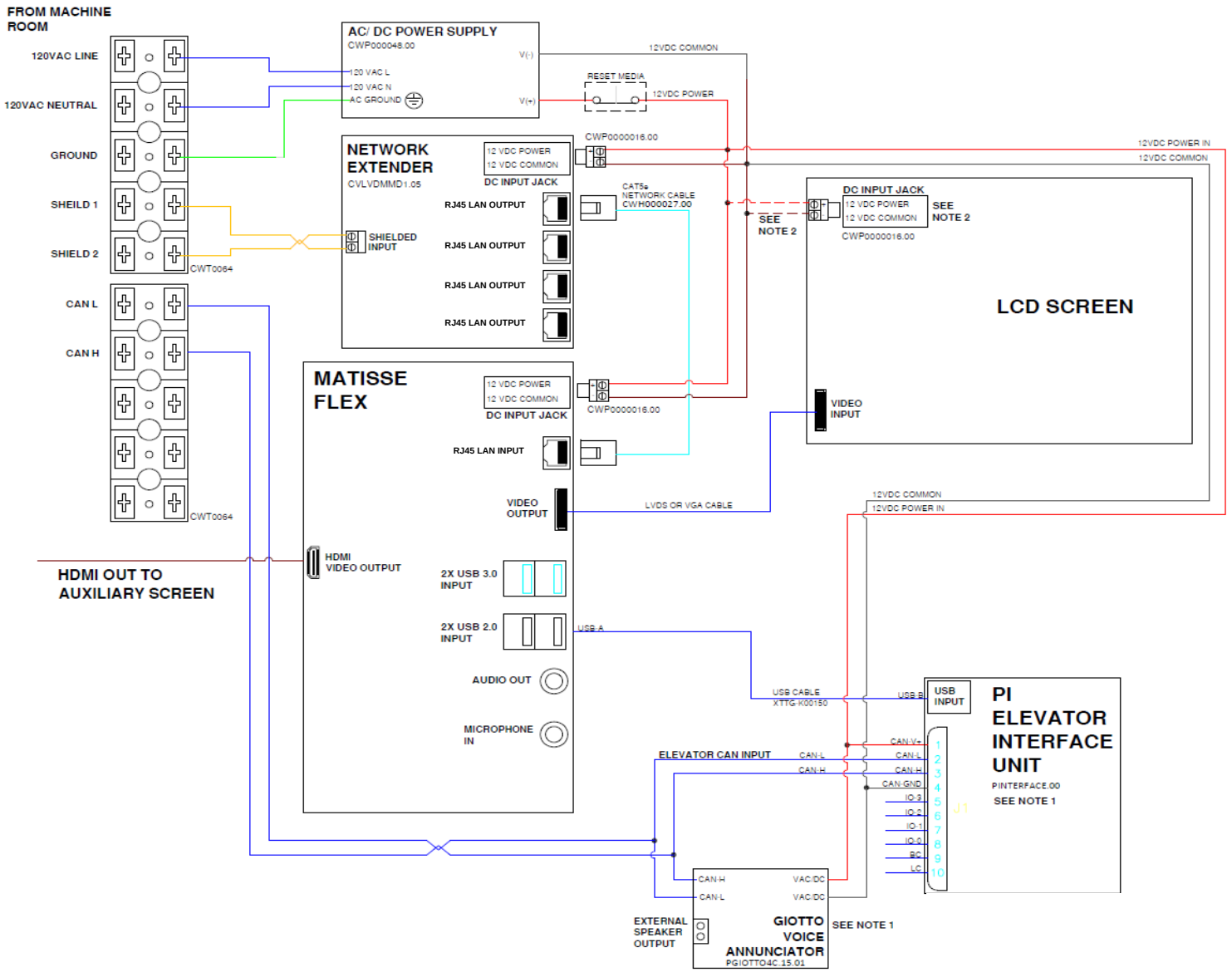
Notes:
NOTE 1: WHEN CONNECTING THE **LCD SCREEN TO MATISSEE FLEX VIA VGA** CONNECT THE 12V POWER TO THE LCD POWER INPUT USING THE POWER PLUG CWP0000016.00

Voltage: 120 VAC	Signal Format:
Controller:	Code Year:

Drawing Name:
Matisse Flex Digital Signage
With LCD Screen MAIN COP Electrical Wiring Diagram

Drawing No:		Rev:	Qty:
NETWORK-WIREKIT		1	1

3 MATISSE FLEX - DIGITAL SIGNAGE + PI (CAN PROTOCOL) - MAIN COP (NO VMS)



Notes:

NOTE 1: FOR ELEVATOR WITH CAN COMMUNICATION CONNECT ONLY THE EIU (PINTERFACE.00) WITH USB CABLE TO THE MATISSE FLEX. CAN H AND CAN L SIGNALS FROM THE ELEVATOR CONTROLLER ARE CONNECTED BOTH TO THE EIU AND THE VOICE ANNUNCIATOR (PGIOTTO4C.15.01).

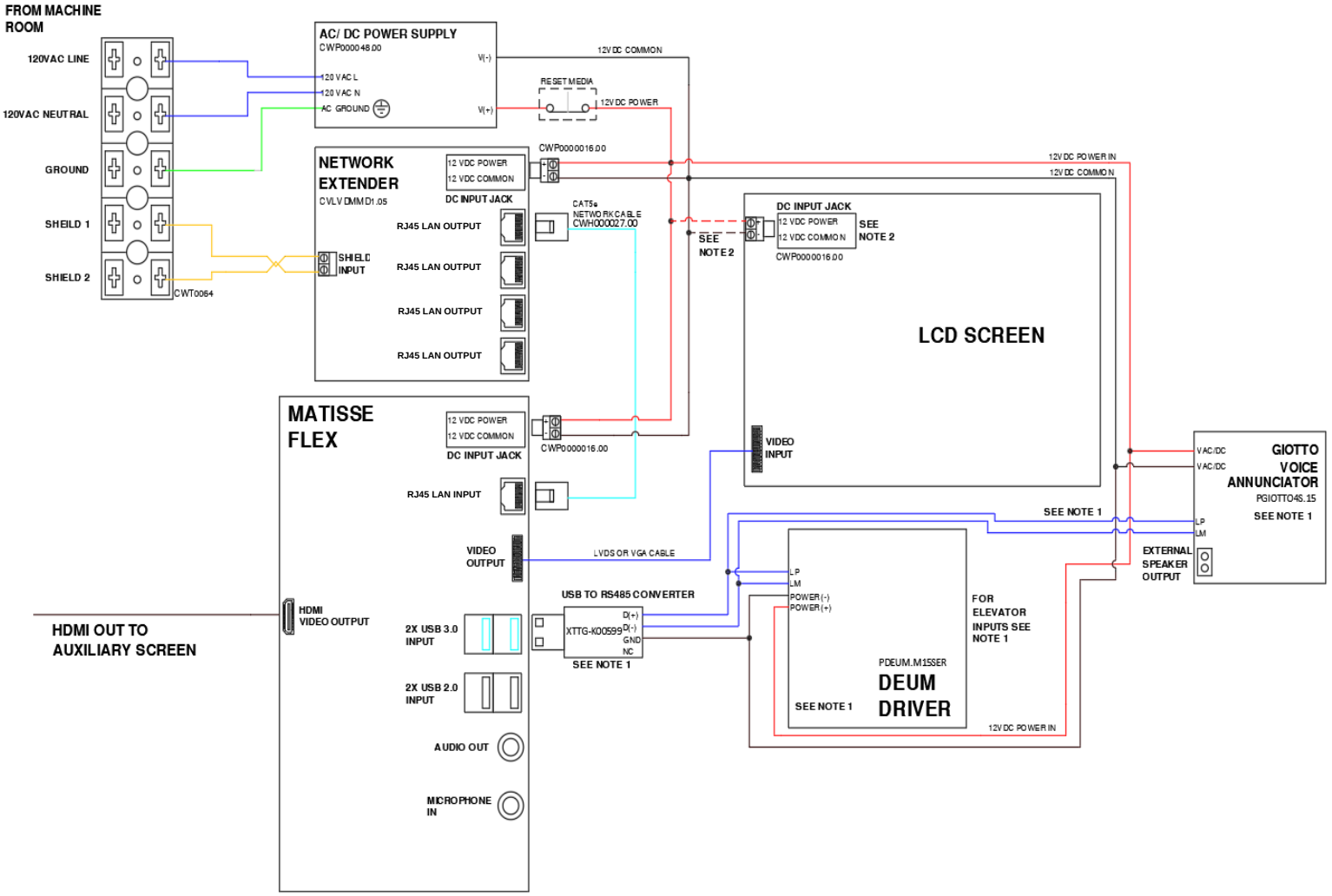
NOTE 2: WHEN CONNECTING THE **LCD SCREEN TO MATISSEEFLEX VIA VGA** CONNECT THE 12V POWER TO THE LCD POWER INPUT USING THE POWER PLUG CWP0000016.00

Voltage: 120 VAC	Signal Format:
Controller:	Code Year:

Drawing Name:
Matisse Flex PI/Digital Signage Using CAN
With LCD Screen MAIN COP Electrical Wiring Diagram

Drawing No:		Rev:	Qty:
NETWORK-WIREKIT		1	1

4 MATISSE FLEX – DIGITAL SIGNAGE + PI (LINE/FLOOR, BINARY, KONE, SEC, QL, HX) – MAIN COP (NO VMS)



Notes:

NOTE 1: FOR ELEVATOR FLOOR INPUTS, PRIORITY MESSAGES, REFER TO DEUM POSITION INDICATOR ENCODER QUICK GUIDE. FOR SERIAL ELEVATOR INPUTS WITH VOICE ANNUNCIATION USE PDEUM.M1SSER WITH PGIOTTO4S.15 CONNECT THE LP AND LM SIGNALS TO PDEUM1S.SER AND TO GIOTTO4S.15

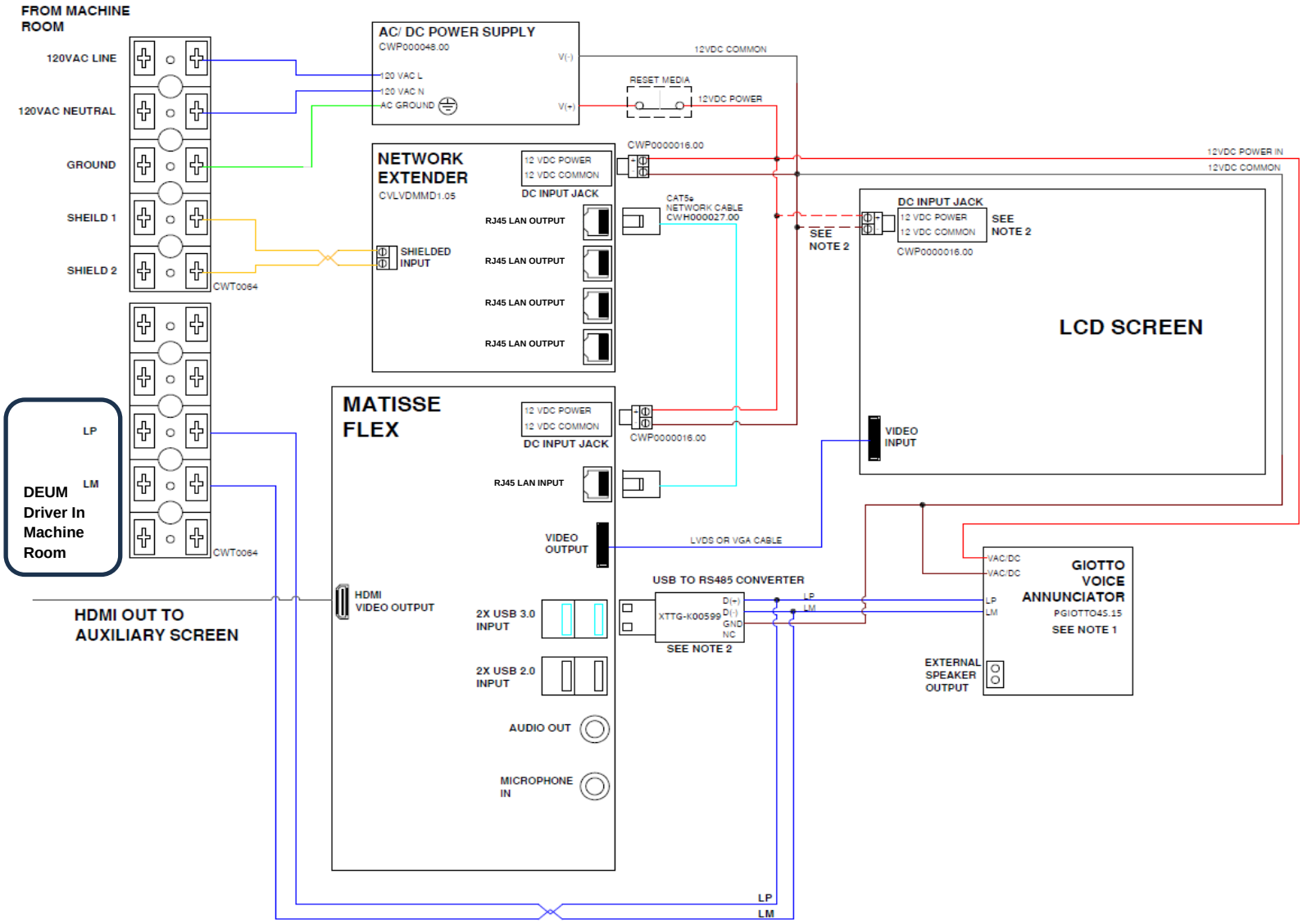
NOTE 2: WHEN CONNECTING THE **LCD SCREEN TO MATISSEEFLEX VIA VGA** CONNECT THE 12V POWER TO THE LCD POWER INPUT USING THE POWER PLUG CWP0000016.00

Voltage: 120 VAC	Signal Format:
Controller:	Code Year:

Drawing Name: Matisse Flex PI/Digital Signage Using Line Floor/Binary With LCD Screen MAIN COP Electrical Wiring Diagram

Drawing No:		Rev:	Qty:
NETWORK-WIREKIT		1	1

5 MATISSE FLEX PI - DIGITAL SIGNAGE + PI (LINE/FLOOR, BINARY) - MAIN COP (NO VMS) -DEUM DRIVER IN MACHINE ROOM



Notes:

NOTE 1: FOR ELEVATOR FLOOR INPUTS, PRIORITY MESSAGES, REFER TO DEUM POSITION INDICATOR ENCODER QUICK GUIDE. FOR SERIAL ELEVATOR INPUTS WITH VOICE ANNUNCIATION USE PDEUM.M1SSER WITH PGIOTTO4S.15 CONNECT THE LP AND LM SIGNALS TO PDEUM15.SER AND TO GIOTTO4S.15

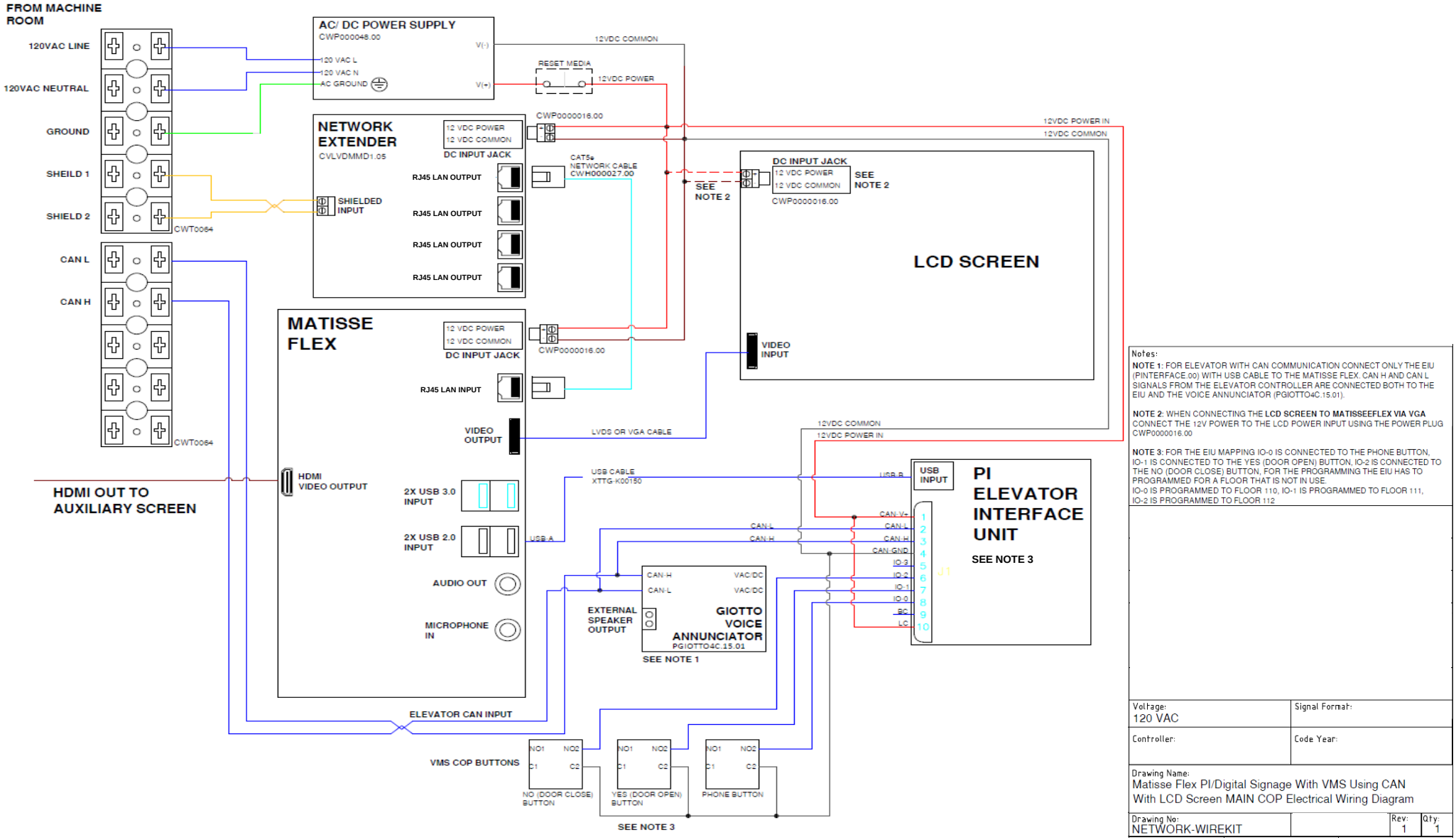
NOTE 2: WHEN CONNECTING THE **LCD SCREEN TO MATISSEEFLEX VIA VGA** CONNECT THE 12V POWER TO THE LCD POWER INPUT USING THE POWER PLUG CWP0000016.00

Voltage: 120 VAC	Signal Format:
Controller:	Code Year:

Drawing Name:
Matisse Flex PI/Digital Signage Using Line Floor/Binary
With DEUM Driver In Machine Room Box
MAIN COP Electrical Wiring Diagram

Drawing No:		Rev:	Qty:
NETWORK-WIREKIT		1	1

6 MATISSE FLEX - DIGITAL SIGNAGE + PI (CAN PROTOCOL) + VMS – MAIN



Notes:

NOTE 1: FOR ELEVATOR WITH CAN COMMUNICATION CONNECT ONLY THE EIU (PINTERFACE.00) WITH USB CABLE TO THE MATISSE FLEX. CAN H AND CAN L SIGNALS FROM THE ELEVATOR CONTROLLER ARE CONNECTED BOTH TO THE EIU AND THE VOICE ANNUNCIATOR (PGIOTTO4C.15.01).

NOTE 2: WHEN CONNECTING THE **LCD SCREEN TO MATISSEEFLEX VIA VGA** CONNECT THE 12V POWER TO THE LCD POWER INPUT USING THE POWER PLUG CWP0000016.00

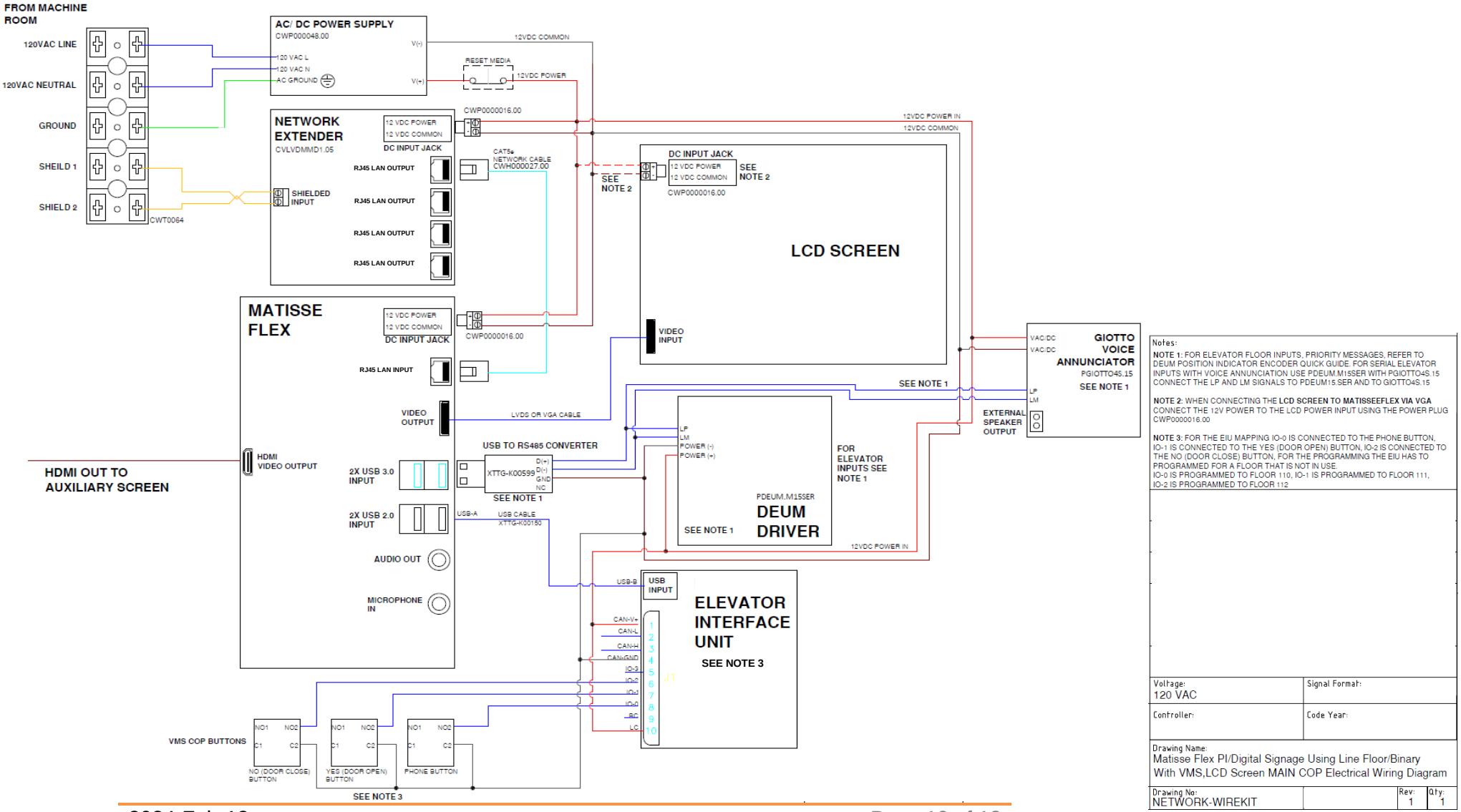
NOTE 3: FOR THE EIU MAPPING IO-0 IS CONNECTED TO THE PHONE BUTTON, IO-1 IS CONNECTED TO THE YES (DOOR OPEN) BUTTON, IO-2 IS CONNECTED TO THE NO (DOOR CLOSE) BUTTON, FOR THE PROGRAMMING THE EIU HAS TO PROGRAMMED FOR A FLOOR THAT IS NOT IN USE.
IO-0 IS PROGRAMMED TO FLOOR 110, IO-1 IS PROGRAMMED TO FLOOR 111, IO-2 IS PROGRAMMED TO FLOOR 112

Voltage: 120 VAC	Signal Format:
Controller:	Code Year:

Drawing Name: Matisse Flex PI/Digital Signage With VMS Using CAN With LCD Screen MAIN COP Electrical Wiring Diagram

Drawing No:		Rev:	Qty:
NETWORK-WIREKIT		1	1

7 MATISSE FLEX – DIGITAL SIGNAGE + PI (LINE/FLOOR, BINARY, KONE, SEC, QL, HX) + VMS – MAIN COP



Notes:

NOTE 1: FOR ELEVATOR FLOOR INPUTS, PRIORITY MESSAGES, REFER TO DEUM POSITION INDICATOR ENCODER QUICK GUIDE. FOR SERIAL ELEVATOR INPUTS WITH VOICE ANNUNCIATION USE PDEUM.M15SER WITH PGIOTTO4S.15 CONNECT THE LP AND LM SIGNALS TO PDEUM15.SER AND TO GIOTTO4S.15

NOTE 2: WHEN CONNECTING THE **LCD SCREEN TO MATISSEEFLEX VIA VGA** CONNECT THE 12V POWER TO THE LCD POWER INPUT USING THE POWER PLUG CWP0000016.00

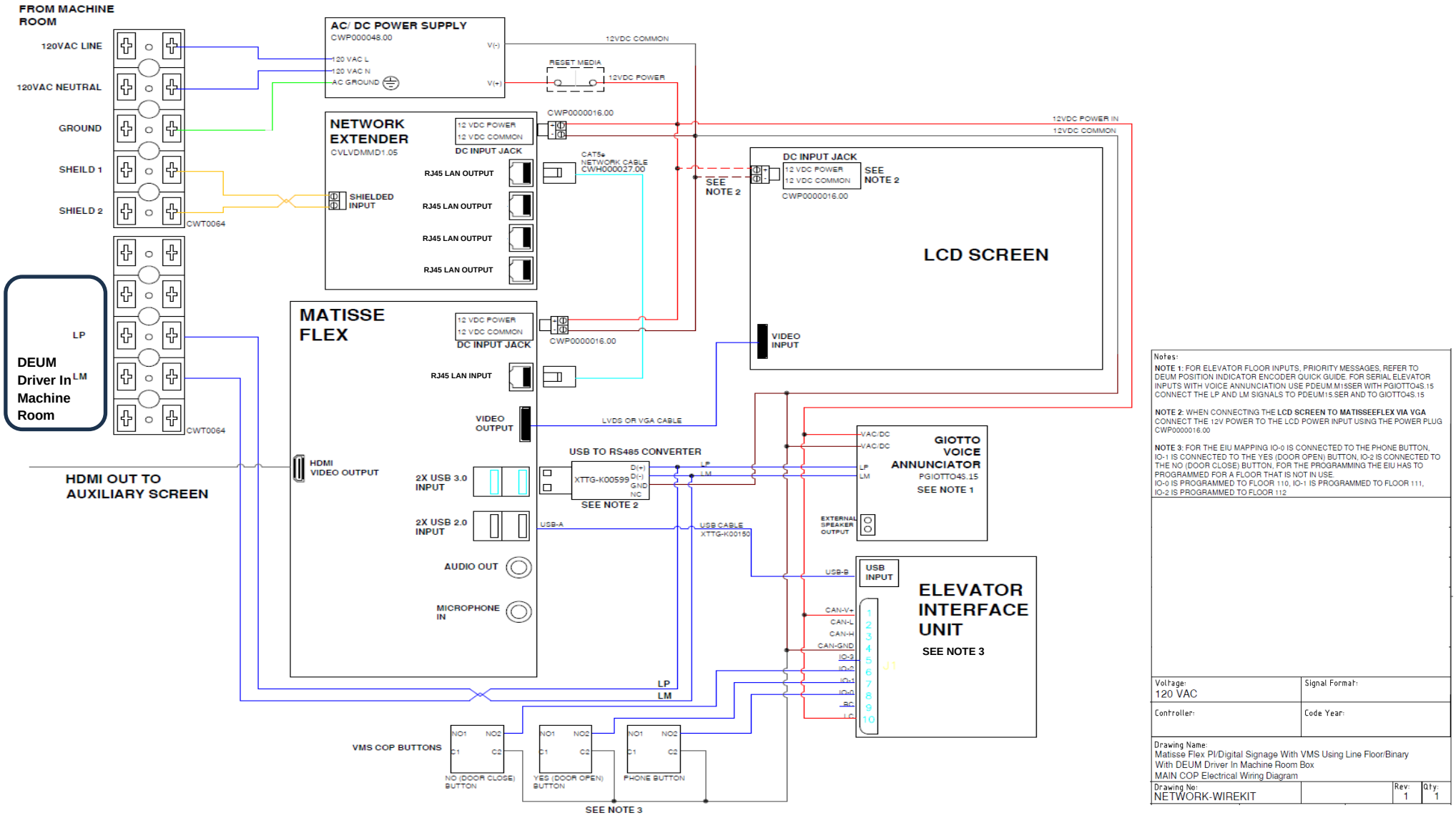
NOTE 3: FOR THE EIU MAPPING IO-0 IS CONNECTED TO THE PHONE BUTTON, IO-1 IS CONNECTED TO THE YES (DOOR OPEN) BUTTON, IO-2 IS CONNECTED TO THE NO (DOOR CLOSE) BUTTON, FOR THE PROGRAMMING THE EIU HAS TO PROGRAMMED FOR A FLOOR THAT IS NOT IN USE.
IO-0 IS PROGRAMMED TO FLOOR 110, IO-1 IS PROGRAMMED TO FLOOR 111, IO-2 IS PROGRAMMED TO FLOOR 112

Voltage: 120 VAC	Signal Format:
Controller:	Code Year:

Drawing Name: Matisse Flex PI/Digital Signage Using Line Floor/Binary With VMS,LCD Screen MAIN COP Electrical Wiring Diagram

Drawing No:		Rev:	Qty:
NETWORK-WIREKIT		1	1

8 MATISSE FLEX PI - DIGITAL SIGNAGE + PI (LINE/FLOOR, BINARY) + VMS - MAIN COP – DEUM DRIVER IN MACHINE ROOM



Notes:

NOTE 1: FOR ELEVATOR FLOOR INPUTS, PRIORITY MESSAGES, REFER TO DEUM POSITION INDICATOR ENCODER QUICK GUIDE. FOR SERIAL ELEVATOR INPUTS WITH VOICE ANNUNCIATION USE PDEUM.M15SER WITH PGIOTTO4S.15 CONNECT THE LP AND LM SIGNALS TO PDEUM15.SER AND TO GIOTTO4S.15

NOTE 2: WHEN CONNECTING THE **LCD SCREEN TO MATISSEEFLEX VIA VGA** CONNECT THE 12V POWER TO THE LCD POWER INPUT USING THE POWER PLUG CWP0000016.00

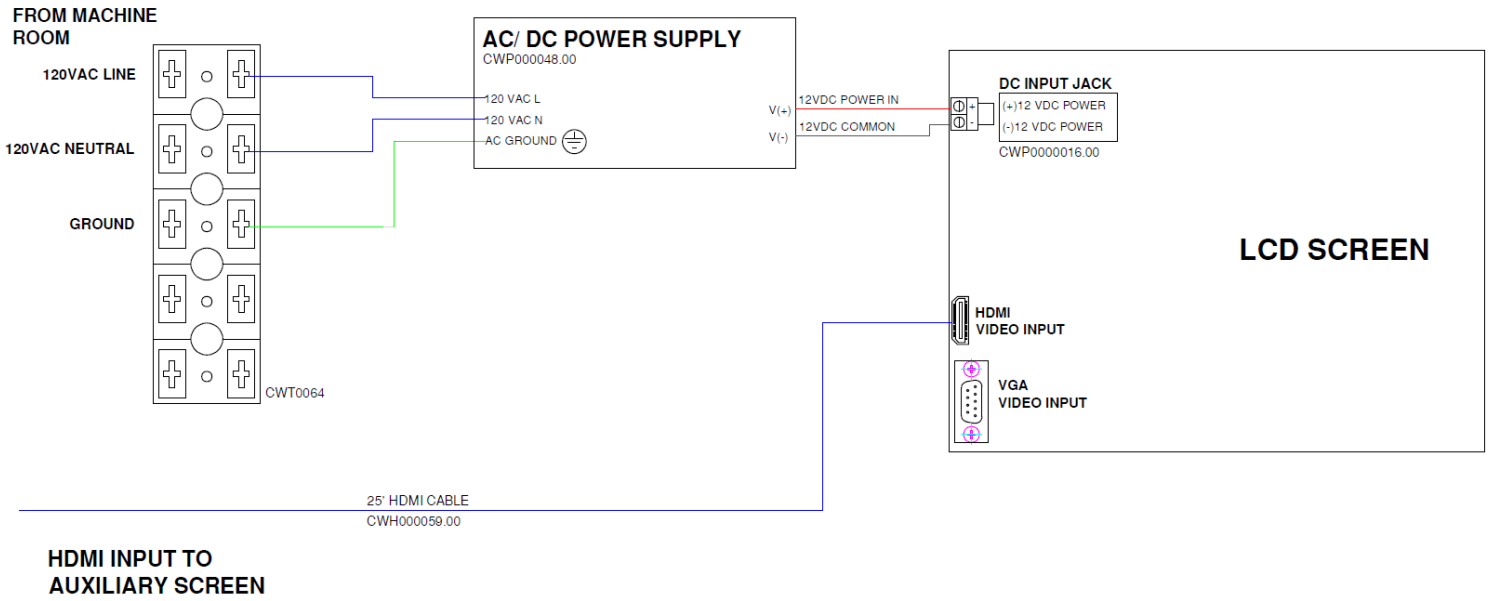
NOTE 3: FOR THE EIU MAPPING IO-0 IS CONNECTED TO THE PHONE BUTTON, IO-1 IS CONNECTED TO THE YES (DOOR OPEN) BUTTON, IO-2 IS CONNECTED TO THE NO (DOOR CLOSE) BUTTON, FOR THE PROGRAMMING THE EIU HAS TO PROGRAMMED FOR A FLOOR THAT IS NOT IN USE.
IO-0 IS PROGRAMMED TO FLOOR 110, IO-1 IS PROGRAMMED TO FLOOR 111, IO-2 IS PROGRAMMED TO FLOOR 112

Voltage: 120 VAC	Signal Format:
Controller:	Code Year:

Drawing Name:
Matisse Flex PI/Digital Signage With VMS Using Line Floor/Binary With DEUM Driver In Machine Room Box
MAIN COP Electrical Wiring Diagram

Drawing No: NETWORK-WIREKIT		Rev: 1	Qty: 1

9 MATISSE FLEX PI / DIGITAL SIGNAGE AUX COP ELECTRICAL WIRING DIAGRAM



Notes:

Voltage: 120 VAC	Signal Format:
Controller:	Code Year:

Drawing Name:
Matisse Flex PI/Digital Signage With LCD Screen
AUX COP Electrical Wiring Diagram

Drawing No:		Rev:	Qty:
NETWORK-WIREKIT		1	1

10 TTG NETWORK WIRING DIAGRAM