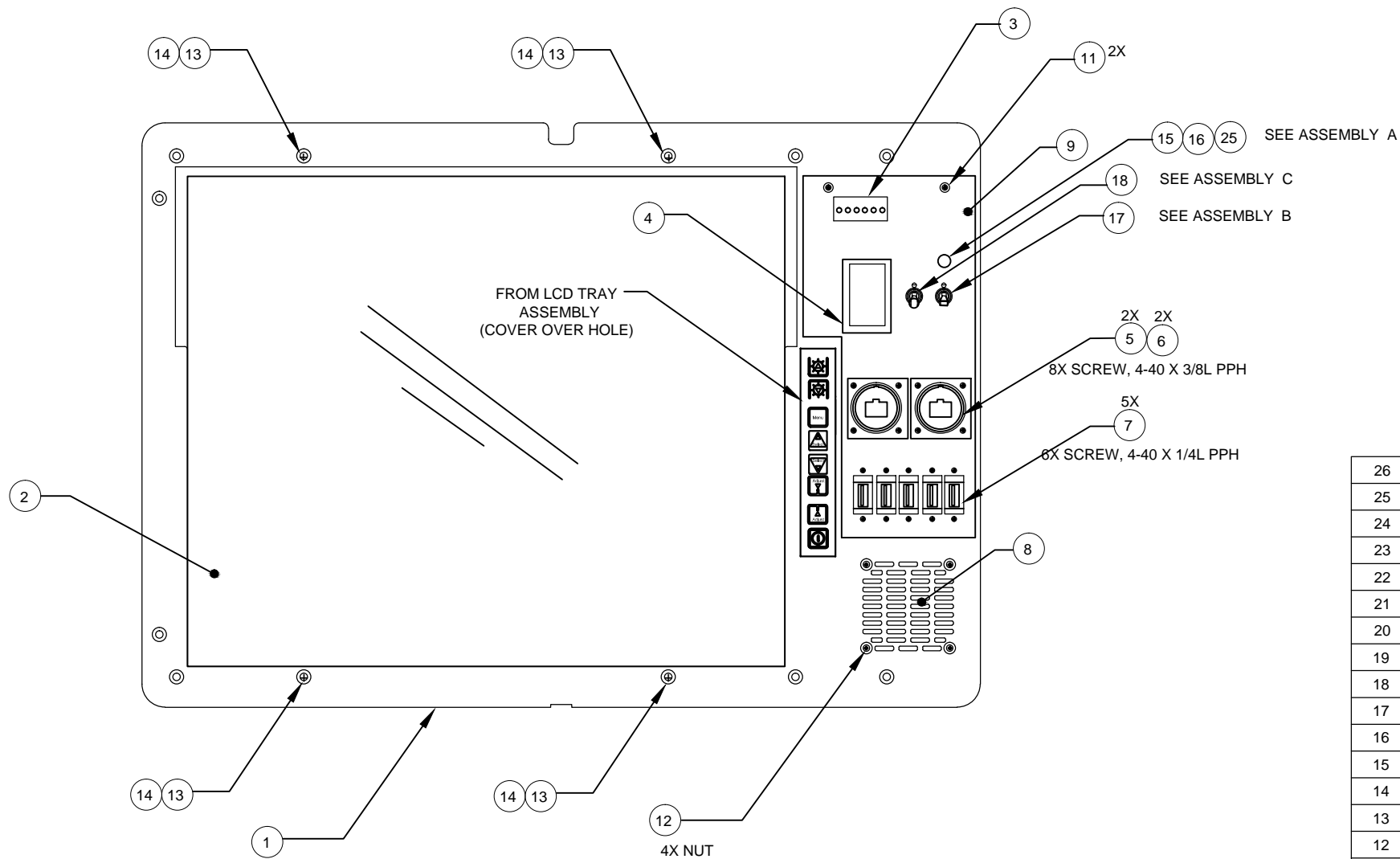


REVISION HISTORY

ZONE	REV	DESCRIPTION	APPR	DATE
ALL	0	RELEASE FOR PROTOTYPE		

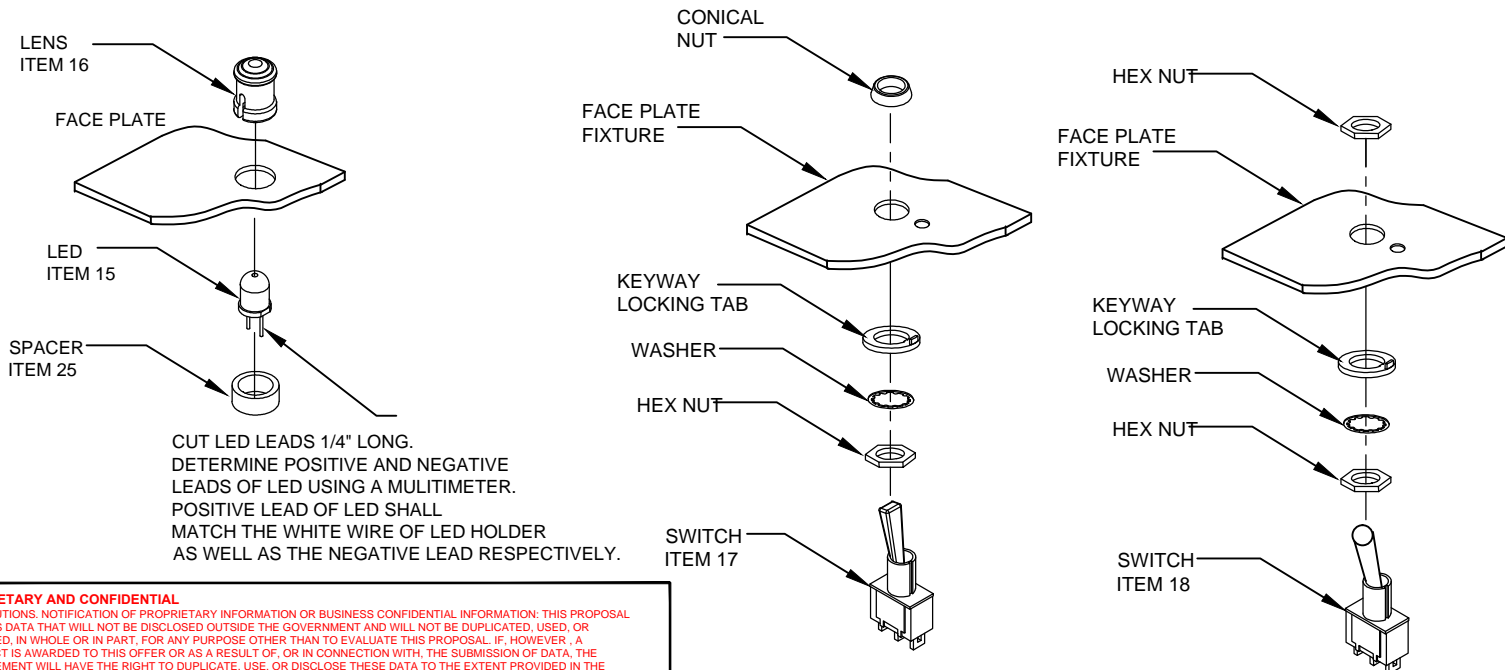
NOTES:



ASSEMBLY A

ASSEMBLY B

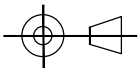
ASSEMBLY C



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26		2	090-1035	73J6048	NEWARK	TERMINAL RING 16-14 AWG	EA
25		1	210-1011	SPC125	MOUSER	LENS, SPACER	EA
24		1	103-1078	6014	MONOPRICE	CABLE, 3FT HDMI TO DVI	EA
23		2	103-1080	70126625	ALLIED ELEC	CABLE, RJ45 ETHERNET RIGHT ANGLE 2 FT	EA
22		2	090-1022	WM1837CT-ND	DIGIKEY	CONN TERM FEMALE 20-24AWG TIN	EA
21		1	091-1048	43645-0200	DIGIKEY	CONN RECEPT 2POS 3MM SINGLE ROW	EA
20		8	090-1011	16-02-0103	DIGIKEY	CONN TERM FEMALE 22-24AWG GOLD	EA
19		1	091-1275		DIGIKEY	CONN HOUSING 8POS .100 W/LATCH	EA
18		1	210-1037	7101K2ZQE	DIGIKEY	SWITCH TOGGLE SPDT SOLDER LUG	EA
17		1	210-1005	7105P3YZQE	DIGIKEY	SWITCH, TOGGLE ON-OFF-ON	EA
16		1	210-1010	CLB300CTP	MOUSER	LENS, LED, CLEAR	EA
15		1	210-1009	SSL-LX5093PGD	MOUSER	LED, GREEN	EA
14		4	140-0143	94887A171	MCMaster CARR	BINDING POST 1-1/2L	EA
13		4	140-0136	96640A129	MCMaster CARR	SCREW, BLACK 8-32 X .75 FLAT HD	EA
12		4	140-0188	96640A120	MCMaster CARR	SCREW, BLK 6-32 X 3/4 PFH 82 DEG	EA
11		2	140-0024	96640A056	MCMaster CARR	SCREW, BLK 4-40 X 3/8 PFH 82 DEG	EA
10		1	210-1037	7101K2ZQE	DIGIKEY	SWITCH TOGGLE SPDT SOLDER LUG	EA
9		1	04A-0132-02		UAV SOLUTIONS	LABEL	EA
8		1	129-0075	EFB0612HHA	DIGIKEY	FAN, 12VDC 60MM X 6MM	EA
7		5	103-1075	B00GY1JED8	AMAZON	CABLE, USB MOUNT	EA
6		2	126-0021	M85528/2-18A	PEI GENESIS	NUTPLATE, SIZE 18	EA
5		2	091-1104	RJF21B	AMPHENOL	CONNECTOR, RJ45 BULKHEAD	EA
4		1	210-1054	450-1670-ND	DIGIKEY	SWITCH ROCKER SPST 20A 125V	EA
3		1	05A-0212-01		UAV SOLUTIONS	SUBASSEMBLY, MODEM	EA
2		1	05A-0212-04		UAV SOLUTIONS	SUBASSEMBLY, LCD TRAY DISPLAY	EA
1		1	06A-0130-06		UAV SOLUTIONS	FRONT PANEL	EA

BILL OF MATERIALS



THIRD ANGLE PROJECTION IN
ACCORDANCE WITH ASME Y14.5

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES:
ANGULAR +/- 5 BEND +/- .3
TWO PLACE DECIMAL +/- .01
THREE PLACE DECIMAL +/- .005

ORIG. ENG. SKTCH NO.:

INITIALS	DATE
DRAFTER: RGB	04/18/14
CHECKER:	
ENG. APPR:	

WORKMANSHIP PER
QOP ISO STD 001 XXX

UAV SOLUTIONS
8280 PATUXENT RANGE RD. SUITE E JESSUP, MD 20794
PHONE: 240-456-0195 EMAIL: INFO@UAV-SOLUTIONS.COM

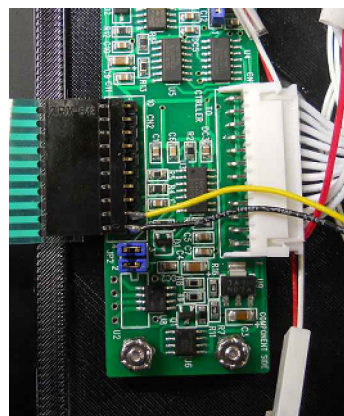
TITLE: FRONT DISPLAY ASSEMBLY

SIZE B	DWG. NO. 05A-0212-05	REV 0
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CAGE CODE: 61F14	SCALE: NTS	SHEET 1 OF 4
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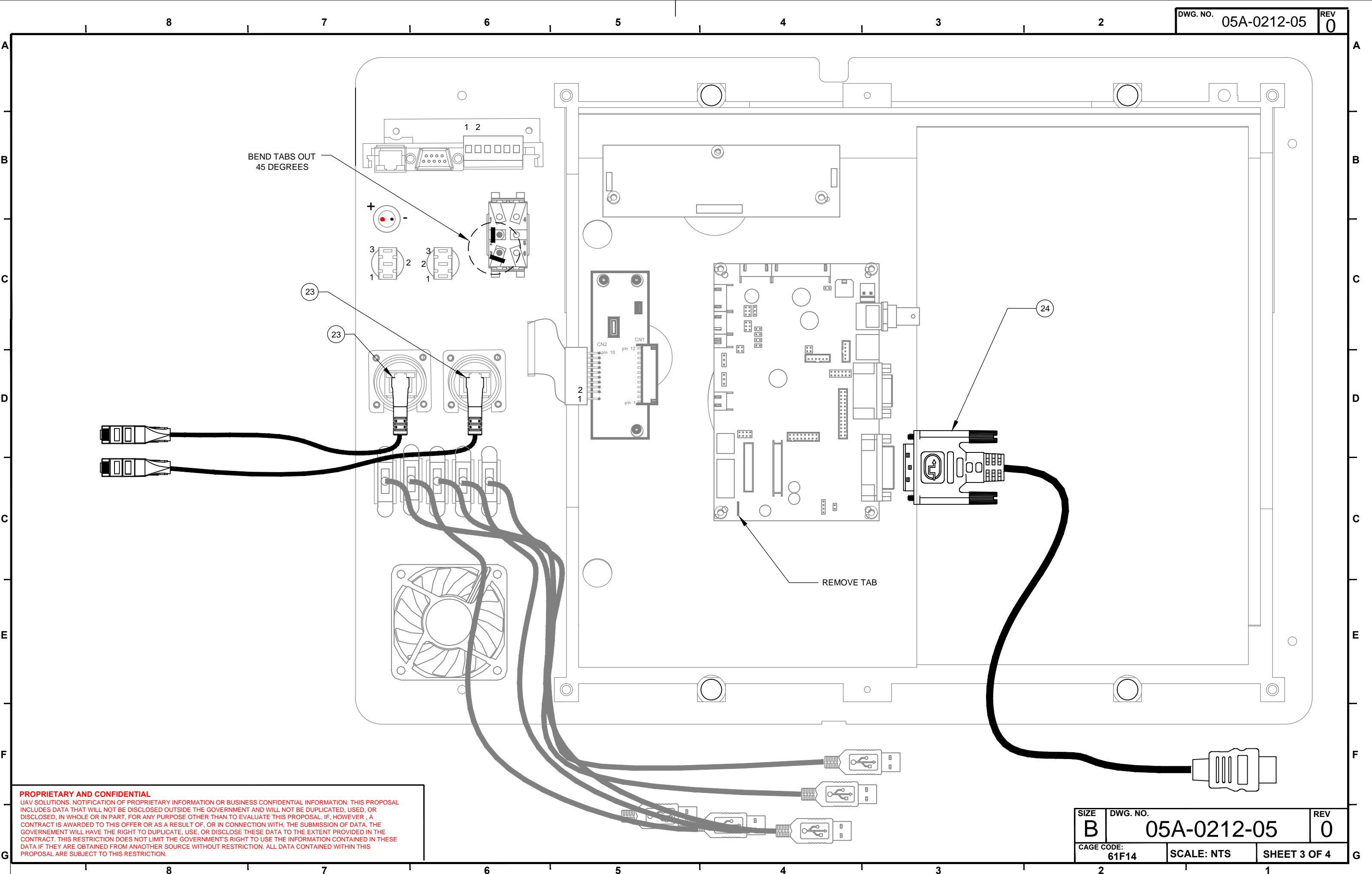
APPLICATION

1- ALL WIRES ARE 24 AWG UNLESS OTHERWISE SPECIFIED.
2- WIRING FOR 05A-0212-04 NOT SHOWN FOR CLARIFICATION
3- PIN COUNT IS ARRANGED ACCORDING TO PCB
MEMBRANE SWITCH CONNECTOR IS CONNECTED OPPOSITE PCB
PIN COUNT. DETAIL 1
4-PRE-CUT ALL WIRES TO 3 FT, SOLDER AND CRIMP PRIOR TO
CONNECTING TO CONNECTOR 1.



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DWG. NO. 05A-0212-05 REV 0

BEND TABS OUT
45 DEGREES

REMOVE TAB

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SIZE	DWG. NO.	REV
B	05A-0212-05	0
CAGE CODE:	SCALE: NTS	SHEET 3 OF 4
61F14		

REF PHOTO



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