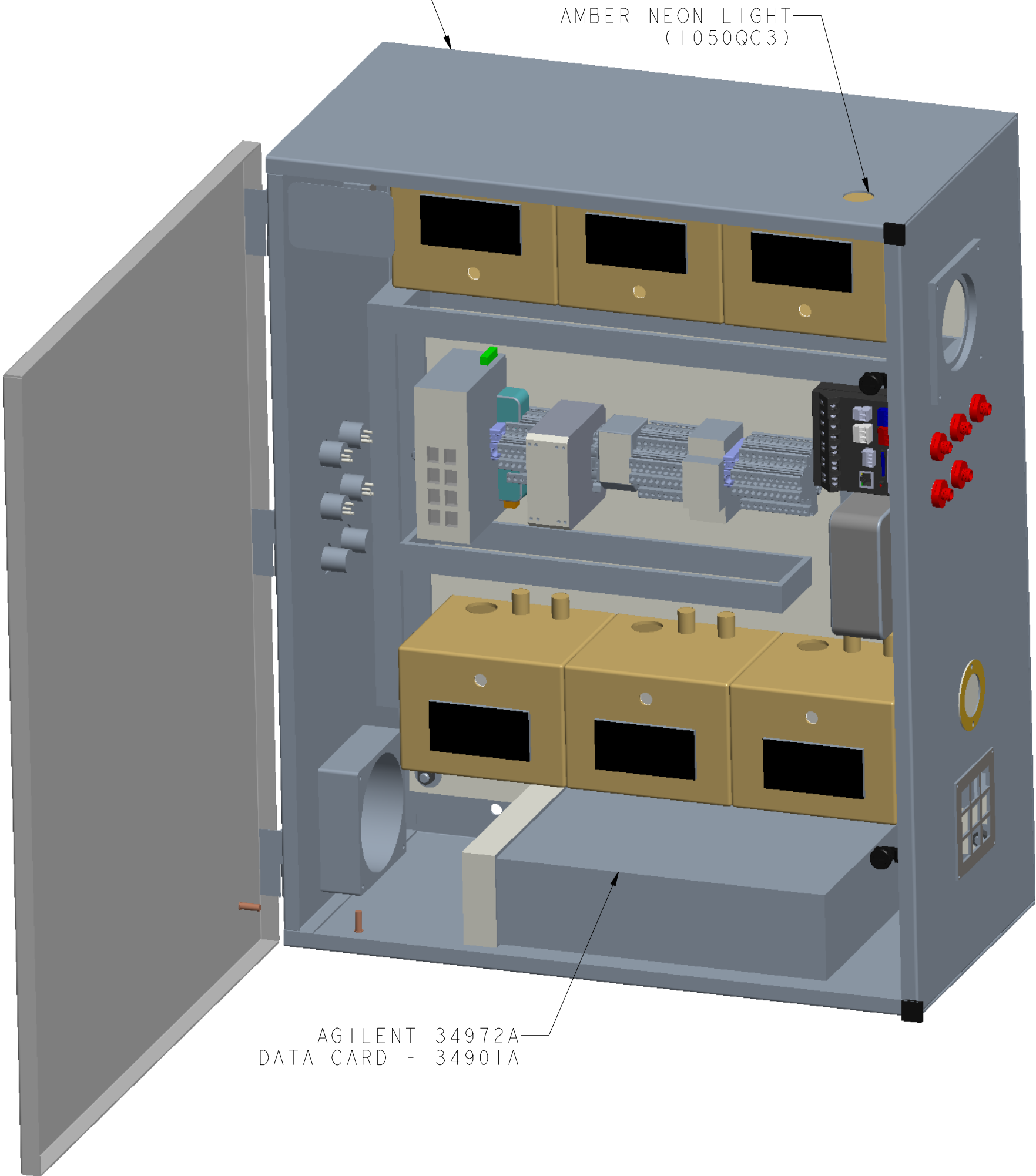
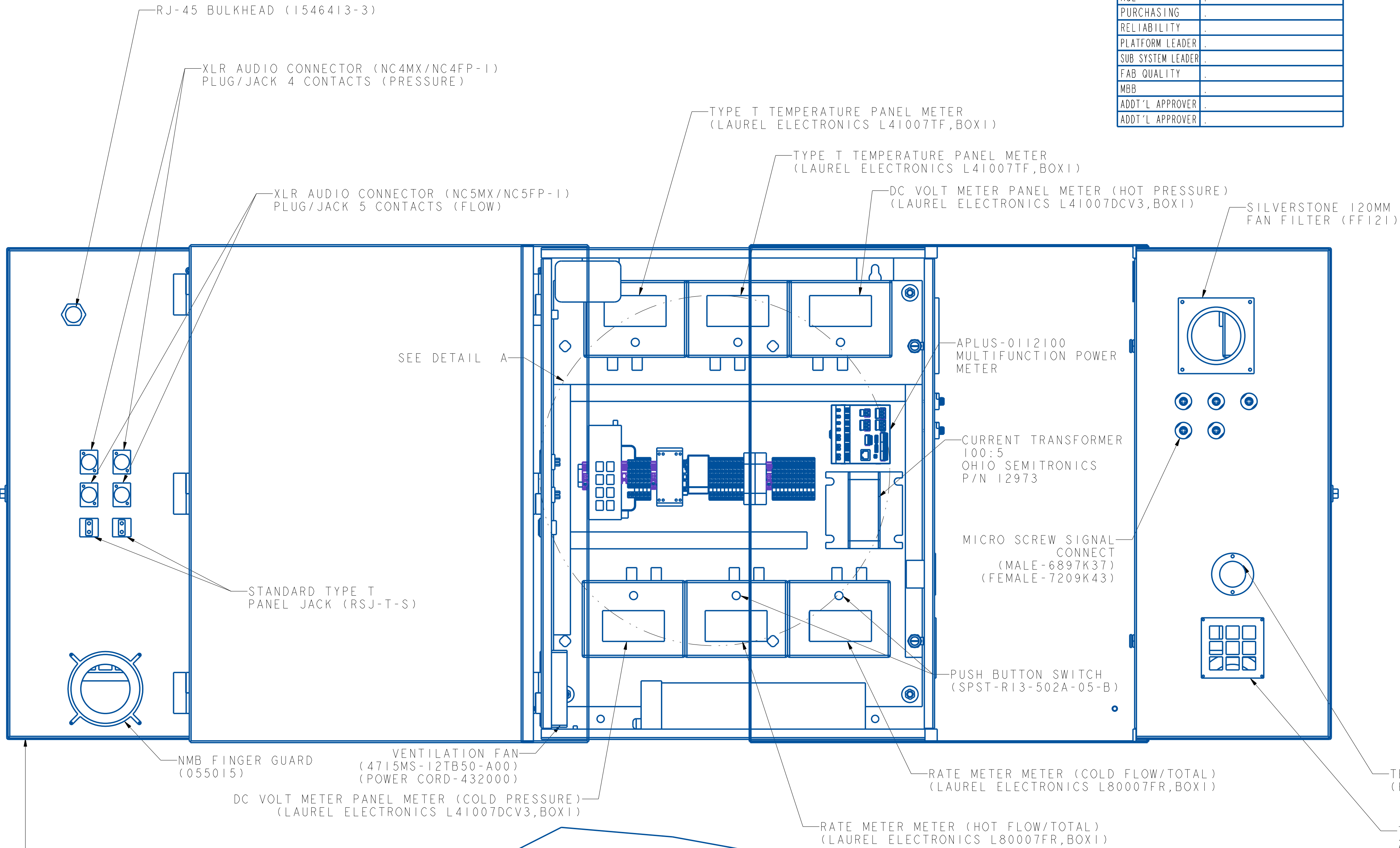


REV. 0 CTQ TABLE (DIMENSIONS FOR REFERENCE ONLY)			SYM LOCATION	PART	SHT	ZONE	FEATURE DESCRIPTION	DIM	TOLERANCE		MIN. Z(LT)
									+	-	

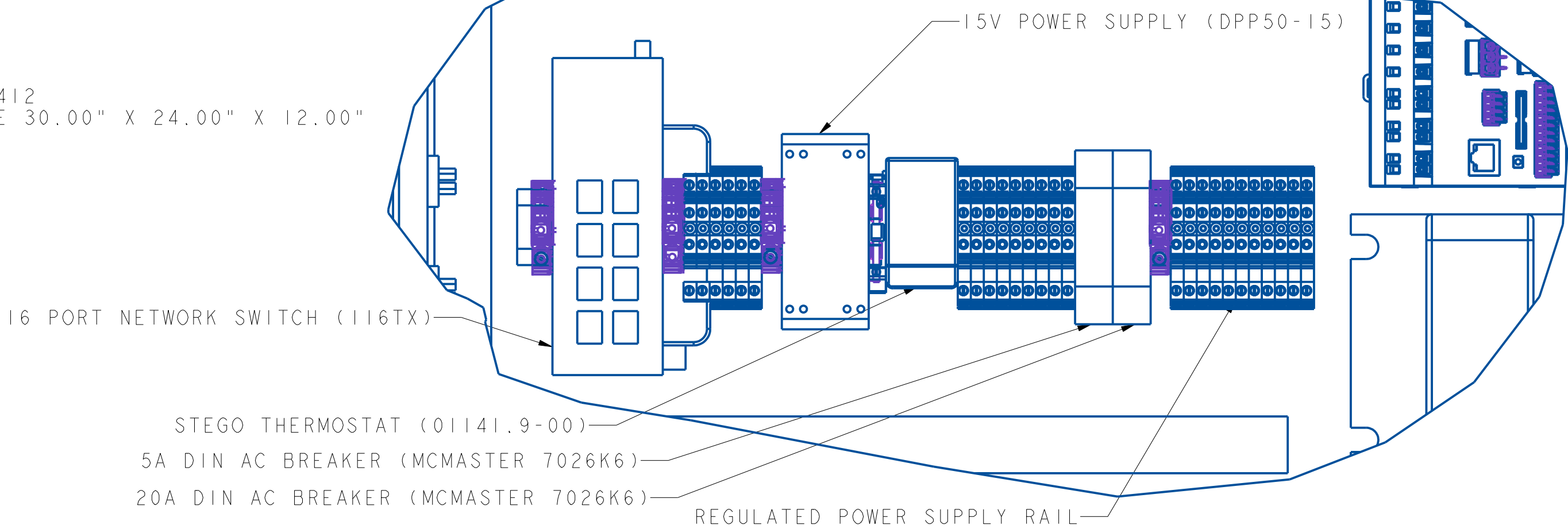
SIGNOFF BLOCK	
FUNCTION	NAME
PROJECT ENGINEER	
DESIGN MANAGER	
SITE QUALITY	
PMQE	
ME/AME	
AGENCY	
PE CHAIRMAN	
AGE	
PURCHASING	
RELIABILITY	
PLATFORM LEADER	
SUB SYSTEM LEADER	
FAB QUALITY	
MBB	
ADD'L APPROVER	
ADD'L APPROVER	

DWG NO	DRW0001	SHT	1
REVISION			
REV	BCN:	-	-
	DATE:	-	-
CAD FILE NAME		PART	REV

DURING INSTALL HARDWIRE BOX USING EMT 3/4" CONDUIT CONTROL POWER AND TEST POWER ARE ON SEPERATE CIRCUITS



- NOTES:
1. CONNECT EACH INDIVIDUAL DEVICE TO THE ETHERNET SWITCH
 2. CONNECT ETHERNET SWITCH TO RJ-45 BULKHEAD
 3. THERMOCOUPLE WIRE REQUIRED FOR ALL THERMOCOUPLE CONNECTIONS
 4. 12 AWG UNLESS OTHERWISE NOTED



DO NOT SCALE THIS DRAWING		THIRD ANGLE PROJECTION		UNLESS OTHERWISE SPECIFIED		APPROVED BY:		DATE		GENERAL ELECTRIC	
				DIMENSIONS ARE IN INCHES. DIMENSIONS IN [] ARE IN MM. TOLERANCES ON:		DRAWN				TECHNOLOGY DEPT. LOC. LOUISVILLE, KY.	
				2 PL DECIMALS ±		CHECKED		CJS		8/31/18	
				3 PL DECIMALS ±		ENGRG.		CJS		8/31/18	
				ANGLES ±°		ISSUED		CJS		8/31/18	
				FRACTIONS ±							
				ARTICLE OR MATERIAL MUST CONFORM TO RoHS PROCEDURE SI 900000S013P001 & P002 AND REACH PROCEDURE SI 900000S014P001 & P002							
				PART MUST CONFORM TO SI 900000S004P001 & P002 GEA TOXICITY PROCEDURE							
						Q RW#JHOHDVHG					
										API WASH PERFORMANCE	
										DRW0001	
										SHEET: 1 OF 1	

Agilent 34792A - Card 1 (34901A)					Agilent 34792A - Card 1 Continued				
Channel	Channel Label	Wire #	Color	Description	Channel	Channel Label	Wire #	Color	Description
101	L	TYPE T THERMOCOUPLE	RED	TC 1	111	L	TYPE T THERMOCOUPLE	RED	TC 11
102	H	TYPE T THERMOCOUPLE	BLUE	TC 2	112	L	TYPE T THERMOCOUPLE	BLUE	TC 12
103	L	TYPE T THERMOCOUPLE	RED	TC 3	113	-	AC/DC CURRENT CLAMP	BLACK	DC CLAMP 1
104	H	TYPE T THERMOCOUPLE	BLUE	TC 4	114	+	AC/DC CURRENT CLAMP	WHITE(OUT)	DC CLAMP 1
105	L	TYPE T THERMOCOUPLE	RED	TC 5	115	-	AC/DC CURRENT CLAMP	BLACK	DC CLAMP 2
106	H	TYPE T THERMOCOUPLE	BLUE	TC 6	116	+	AC/DC CURRENT CLAMP	WHITE(OUT)	DC CLAMP 2
107	L	TYPE T THERMOCOUPLE	RED	TC 7	117	-	AC/DC CURRENT CLAMP	BLACK	DC CLAMP 3
108	H	TYPE T THERMOCOUPLE	BLUE	TC 8	118	+	AC/DC CURRENT CLAMP	WHITE(OUT)	DC CLAMP 3
109	L	TYPE T THERMOCOUPLE	RED	TC 9	119	-	AC/DC CURRENT CLAMP	BLACK	DC CLAMP 4
110	H	TYPE T THERMOCOUPLE	BLUE	TC 10				WHITE(OUT)	DC CLAMP 4

SPLIT-CORE DC CURRENT TRANSDUCER (HCT-0010-005 HALL EFFECT) or Split Core AC Current DCT-0016-10

EXTERNAL SENSOR (NOT PART OF PANEL BUILD)

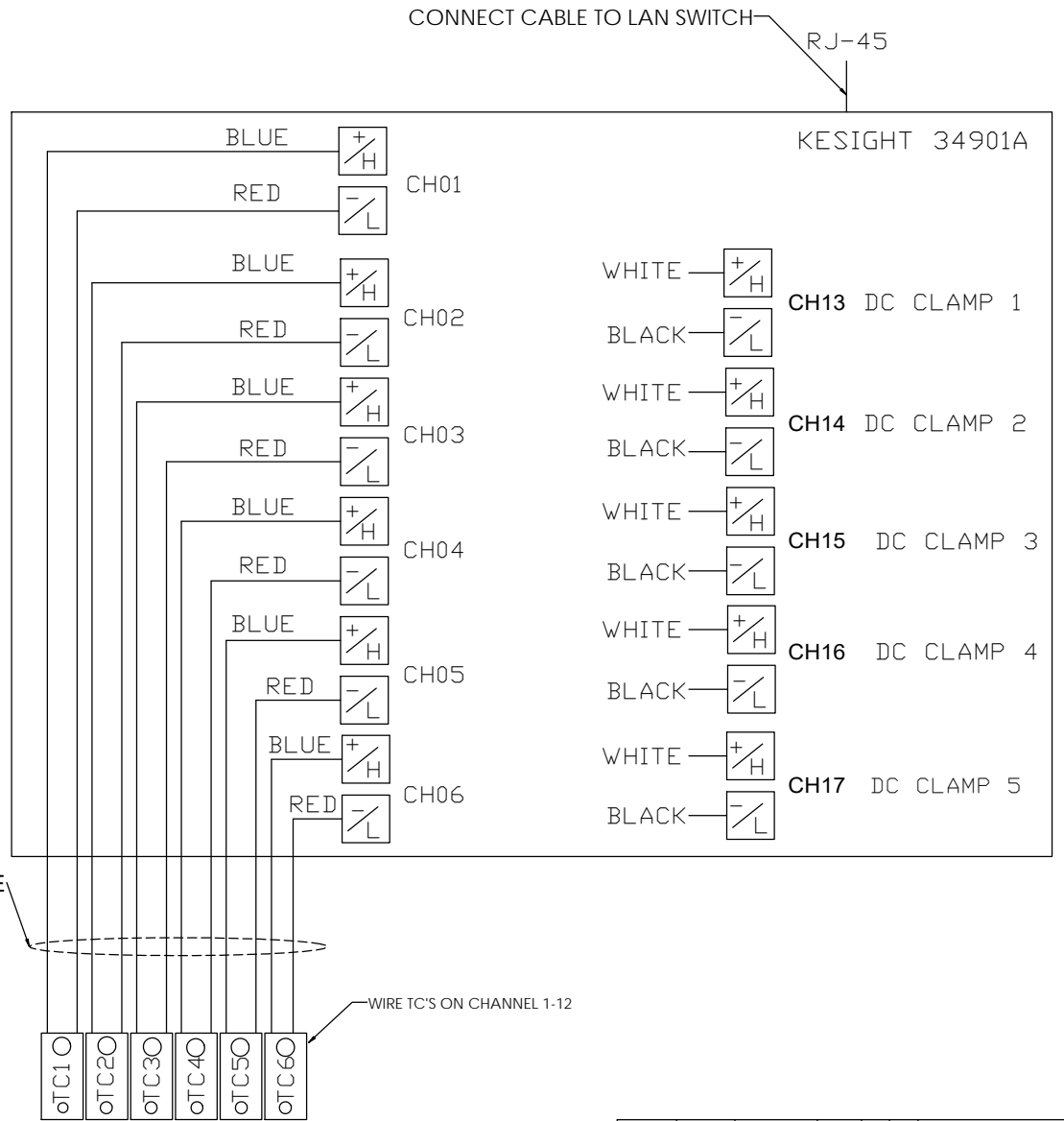
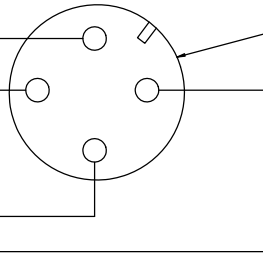
RED (+15VDC)
GREEN (-15VDC)
WHITE (OUT)
BLACK (COM)

GW-4 12 PAIR TYPE T CABLE

CLAMP EVENT SENSOR RECEPTACLE (QTY 5)

MICROSCREW MALE (6897K37)

+ 15 VDC (WHITE)
- 15 VDC (BLUE)
SIGNAL (BLACK)
COM (BROWN)



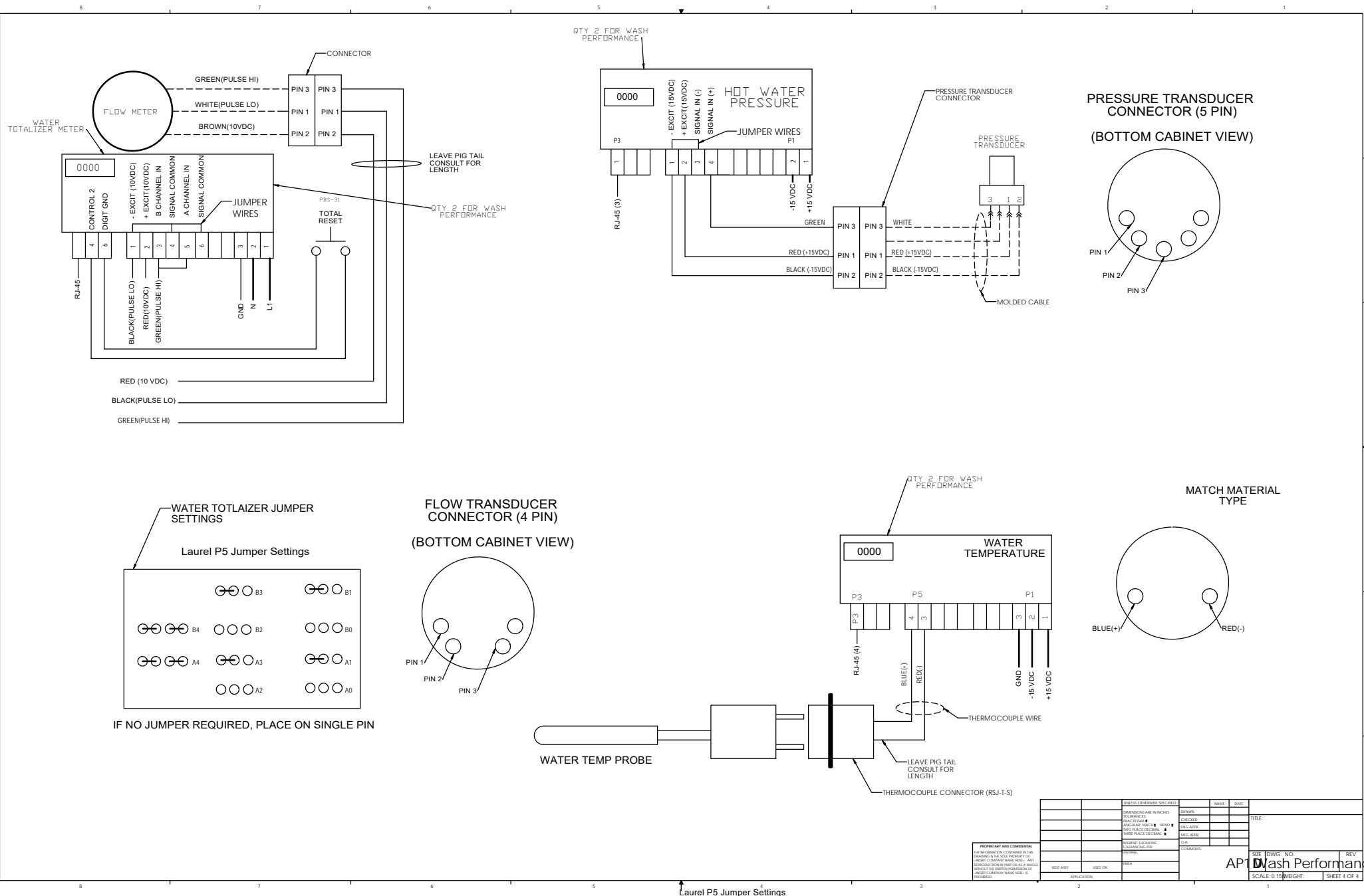
UNLESS OTHERWISE SPECIFIED		DATE	BY
DESIGNED	CJS	10/4/16	
CHECKED	CJS	10/4/16	
APPROVED	CJS	10/4/16	
REVISIONS			
NO. REV. DATE	DESCRIPTION	BY	DATE
1	1	CJS	10/4/16
REVISIONS			
NO. REV. DATE	DESCRIPTION	BY	DATE
1	1	CJS	10/4/16
REVISIONS			
NO. REV. DATE	DESCRIPTION	BY	DATE
1	1	CJS	10/4/16

AP3 DISHWASHER DOE STATIONS

AP1 Dash Performance

SCALE: 1:1

SHEET 3 OF 4

[illegible]

SIZE	DWG. NO.	REV
AP1	Wash Performance	

BILL OF MATERIALS (1 panel)							
ITEM	QTY	PART NUMBER	MANUFACTURER	DESCRIPTION	Price	Totals	Status
PBS-1	1	N1A302412	Hammond	NEMA 1 DOOR TYPE 30" X 24" X 12"	\$287.34	\$287.34	Supplier Order
	1	AP3024	Hammond	Enclosure Panel N1A Series 26" x 22.50"	\$62.20	\$62.20	Supplier Order
	1	0112100	Camille Bauer/Ohio Semitronics	APLUS-Multifunction Power Meter (Ethernet no display)	\$1,470.00	\$1,470.00	Supplier Order
	1	12973	Ohio Semitronics	Current Transformer 100:5	\$103.00	\$103.00	Supplier Order
GI-11	1	116TX	RED LION/NEWARK	16 PORT NETWORK SWITCH	\$378.00	\$378.00	Supplier Order
GI-2	3	KEYSIGHT 34972A	Newark	DATA LOGGER	\$2,064.00	\$6,192.00	Supplier Order
GI-3	3	KEYSIGHT 34901A	Newark	20 CH MULTIPLEXER (TC/VOLTAGE)	\$548.00	\$1,644.00	In-House
GI-6	2	L41007DCV3, BOX1	LAUREL ELECTRONICS	DC Volt Meter Display with Ethernet	\$390.00	\$780.00	Supplier Order
GI-7	2	L41007TF, BOX1	LAUREL ELECTRONICS	T Type Temperature Panel Meter with Ethernet	\$390.00	\$780.00	Supplier Order
GI-5	2	L80007FR, BOX1	LAUREL ELECTRONICS	COUNTER/RATE INDICATOR (ETHERNET)	\$390.00	\$780.00	Supplier Order
PBS-31	2	R13-502A-05-B	MULTICOMP-NEWARK	PUSH BUTTON SWITCH SPST, OFF-(ON)	\$1.91	\$3.82	Supplier Order
PBS-4	1	DPP50-15	TDK-Lambda	15V Power Supply	\$70.93	\$70.93	Supplier Order
PBS-43	1	011419-00	NEWARK	Stego Thermostat	\$22.74	\$22.74	Supplier Order
PBS-32	2	NC4MX	NEUTRIK	XLR AUDIO CONNECTOR PLUG 4 CONTACTS (PRESSURE)	\$6.13	\$12.26	Supplier Order
PBS-33	2	NC4FP-1	NEUTRIK	XLR AUDIO CONNECTOR JACK 4 CONTACTS (PRESSURE)	\$9.80	\$19.60	Supplier Order
PBS-34	2	NC5MX	NEUTRIK	XLR AUDIO CONNECTOR PLUG 5 CONTACTS (FLOW)	\$7.61	\$15.22	Supplier Order
PBS-35	2	NC5FP-1	NEUTRIK	XLR AUDIO CONNECTOR JACK 5 CONTACTS (FLOW)	\$13.01	\$26.02	Supplier Order
PBS-39	1	4715MS-12TB50-A00	NEWARK	VENTILATION FAN	\$17.25	\$17.25	Supplier Order
PBS-40	1	055015	NEWARK	NMB TECHNOLOGIES FINGER GUARD	\$2.18	\$2.18	Supplier Order
PBS-41	1	432000	NEWARK	NMB TECH FAN POWER CORD	\$2.38	\$2.38	Supplier Order
PBS-42	1	FF121	NEWARK	SILVERSTONE 120MM FAN FILTER	\$4.99	\$4.99	Supplier Order
PBS-12	1	1546413-3	NEWARK	RJ-45 BULKHEAD	\$25.76	\$25.76	Supplier Order
PBS-38	1	MJP2-12-T	OMEGA ELECTRONICS	MINIATURE SQUARE TC PANEL JACK TYPE T (12 TC's, two rows of 6)	\$44.30	\$44.30	Supplier Order
GW-18	2	RSJ-T-S	OMEGA ELECTRONICS	STANDARD TYPE T PANEL JACK	\$2.40	\$4.80	Supplier Order
	1	HBL5279C	NEWARK	Power Entry Connector	\$22.97	\$22.97	Supplier Order
PBS-14	1	1050QC3	CML	AMBER NEON LIGHT	\$2.50	\$2.50	Supplier Order
	5	7209K43	McMasterCarr	Micro Screw Signal Connector Female	\$26.82	\$134.10	Supplier Order
	5	6897K37	McMasterCarr	MicroScrew Male	\$14.25	\$71.25	Supplier Order
	3	HCT-0010	Magnetlab	SPLIT-Core DC Current Transducer			Supplier Order
	2	DCT-0016-10	Magnetlab	Split Core AC Transducer			Supplier Order
	1	7026K6	McMASTER CARR	5A DIN Breaker	\$17.90	\$17.90	Supplier Order
	1	7026K6	McMASTER CARR	20A DIN Breaker	\$17.90	\$17.90	Supplier Order
GW-13	10	12TX24SPP	OMEGA ELECTRONICS	THERMOCOUPLE EXTENSION CABLE 12 PR. TYPE T	\$6.15	\$61.50	Supplier Order
GW-17	A/R	PP-T-24-SLE-25	OMEGA ELECTRONICS	THERMOCOUPLE EXTENSION WIRE 1 PR. TYPE T	\$20.90	\$20.90	Supplier Order
	29	CDL4UN(I.S)	ALTECH	TERMINAL	\$0.77	\$22.33	Supplier Order
	2	CA702	ALTECH	END STOP 502-3212	\$1.04	\$2.08	Supplier Order
	A/R	MT6	ALTECH	ID MARKER FOR CDL4UN(I.S)	\$5.94	\$5.94	Supplier Order
	A/R	2094.0/1M	ALTECH	DIN 3' RAIL #502-2020 35mm x 7.5mm	\$5.07	\$5.07	Supplier Order
	A/R	CA722/10	ALTECH	INTERNAL JUMPER 10 POLE FOR CDL4UN(I.S)	\$2.41	\$2.41	Supplier Order
	A/R	SPCDL4U	ALTECH	PARTITION PLATE FOR CDL4UN(I.S)	\$0.34	\$0.34	Supplier Order
	A/R	T1-1515W-1	AUTOMATION DIRECT	WIRE DUCT, 1.50 x 1.50 WHT, SLOTTED, 2M, W/ COVER	\$17.00	\$17.00	Supplier Order
	A/R	105900	STAPLES	5' LAN CABLE (STP Cat6A)	\$6.19	\$6.19	Supplier Order
	A/R		McMASTER CARR	MISCELLANEOUS HARDWARE			