

	05	74	DGDA-MXR2T-0001	12VDC SOCKET	MUZH	AZ
	05	73	MG001031-B	USB JACK	MG00CI	AZ
	01	72	43239-241524	50A RV RECEPTAL	LEASURE RV	AZ
	01	71	PIC0GLFREM0TE	INVERTER BREAKER	AIMS	AZ
	01	70	BR140	40A CIRCUIT BREAKER	CUTLER HAMMER	AZ
	01	69	BR120	20A CIRCUIT BREAKER	CUTLER HAMMER	HD
	04	68	5-20R	115VAC SOCKET	NEMA	HD
	01	67	89-4008	FAN SWITCH	G&C SYSTEMS B.V.	OEM
	01	66	30-3004	FAN POWER CONTROLLER	G&C SYSTEMS B.V.	OEM
	01	65	LE MANS	FAN	G&C SYSTEMS B.V.	OEM
	01	64	ATC-30	MINI FUSE 30A	ATC	AZ
	01	63	ATC-10	MINI FUSE 10A	ATC	AZ
	01	62	ATC-7.5	MINI FUSE 7.5	ATC	AZ
	01	61	4WAY-FUSEB-YFRD	AFT FUSE BOX	BUNKER INDUST	AZ
	01	60	180-00003-00	TERMINAL BLOCK	ADVANCE MC	AZ
	01	59	DUO-10	WATER HEATER	MERCURY RV	AZ
	01	58	S2Q-P/12VDC	UV LIGHT	VIQIA	OEM
	01	57	BA-RO/P/12	UV POWER SUPPLY	VIQIA	OEM
	01	56	8523755281	HOURLMETER	JAYRON	AZ
	01	55	470059	CELL BOOST RECEIVER	WEBOOST	OEM
	01	54	311239	CELL BOOST INSIDE ANT	WEBOOST	OEM
	01	53	314445	CELL BOOST OUTSIDE ANT	WEBOOST	OEM
	01	52	KCD2-102N-R	RED SWITCH	MXUTEUK	AZ
	01	51	KCD2-102N-A	AMBER SWITCH	MXUTEUK	AZ
	01	50	KCD2-102N-G	GREEN SWITCH	MXUTEUK	AZ
	01	49	KCD2-102N-B	BLUE SWITCH	MXUTEUK	AZ
	01	48	BYT-7A108	WATER PUMP	BAYITE	AZ
	01	47	ATM 5A	MINI FUSE 5A	ATM	AZ
	02	46	XL5242M0	REMOTE MODULE	EMYLO	AZ
	02	45	PA-14P-40-50	SOLAR PANEL ACTUATOR	PROGRESSIVE AUTO.	AZ
	02	44	7277-2-7.5	7.5A CIRCUIT BREAKER	KLIXON	AZ
	02	43	M81824/1-3	YELLOW MINI SEAL	TE CONNECTIVITY	AZ
	02	42	SR3P-06F3	RELAY SPRING	IDEC	MR
	02	41	SR3P-05	RELAY SOCKET	IDEC	MR
	02	40	RR2KP-UDC12V	RELAY	IDEC	MR
	11	39	640174-1	18 AWG SPADE LUG	TE CONNECTIVITY	AZ
	02	38	NGR25481BNAAN	ROCKER SWITCH MOM	ITT CANNON	AZ
	08	37	MC4	SOLAR CONNECTORS	NEWARK	AZ
	04	36	VBHN3305A16	SOLAR PANELS	PANISONIC	OEM
	16	35	1-32454-0	18 AWG TERMINAL LUG #10	TE CONNECTIVITY	AZ
	02	34	7277-5-15	15A CIRCUIT BREAKER	KLIXON	AZ
	01	33	HUB-1	SOLAR METER HUB	MORNINGSTAR	MS
	01	32	TS-M-2	SOLAR METER	MORNINGSTAR	MS
	01	31	PIC0GLF40W12V120V	INVERTER CHARGER	AIMS	AZ
	01	30	WF-8930-50	POWER DISTRIBUTION	WFCO	AZ
	01	29	DC1212-60	VOLTAGE CONVERTER	RENOGY	RE
	02	28	TRISTAR-60	SOLAR CONTROLLER	MORNINGSTAR	MS
	05	27	MAX-60	60A FUSE	BUSSMANN	NE
	06	26	01520001TXN	MAXI FUSE HOLDER	LITTLEFUSE	NE
	10	25	52041-1	8 AWG 1/4 TERMINAL LUG	TE CONNECTIVITY	AZ
	03	24	M8R2X030A045	60A DIODE ASSEMBLY	GENESIC	AZ
	05	23	321869	00 AWG 1/4 TERMINAL LUG	TE CONNECTIVITY	AZ
	01	22	M8RT40020R	400A DIODE ASSEMBLY	GENESIC	AZ
	30	21	M81824/1-2	BLUE MINI SEAL	TE CONNECTIVITY	AZ
	01	20	1577635-1	BLUE 5/16 TERMINAL LUG	TE CONNECTIVITY	AZ
	01	19	ABC-1-R	1A BARREL FUSE	EATON BUSSMANN	AZ
	01	18	92AH1076	IN-LINE FUSE HOLDER	EATON BUSSMANN	AZ
	01	17	P/O RBM500-US	BATTERY MONITOR/METER	RENOGY	AZ
	01	16	RBM500-US	BATTERY SHUNT	RENOGY	AZ
	01	15	52291-4	8 AWG 5/16 TERMINAL LUG	TE CONNECTIVITY	AZ
	AR	14	THHN8BLK	8 AWG WIRE BLK	STOCK WIRE	AZ
	AR	13	THHN8RED	8 AWG WIRE RED	STOCK WIRE	AZ
	01	12	B5EA6007B	DUAL BATTERY SWITCH	BLUE SEA SYSTEM	AZ
	01	11	ANL-350	350A FUSE	BLUE SEA SYSTEM	AZ
	01	10	B55-5503	LARGE FUSE HOLDER	BLUE SEA SYSTEM	AZ
	02	09	321873	00 AWG 1/2 TERMINAL LUG	TE CONNECTIVITY	AZ
	03	08	HS4-30	HEAT SHRINK BLK PER FT	THOMAS & BETTS	AZ
	03	07	HS4-30R	HEAT SHRINK RED PER FT	THOMAS & BETTS	AZ
	30	06	321870	00 AWG 5/16 TERMINAL LUG	SOLISTRAND	AZ
	AR	05	26121500B	00 AWG WIRE BLK	49000000	AZ
	AR	04	26121500R	00 AWG WIRE RED	49000000	AZ
	02	03	4512V200	BATTERY BMS	LYNX	LB
	02	02	LB12V100P	BATTERY PRISMATIC	LYNX	LB
	04	01	LB12V100E	BATTERY ENCASED	LYNX	AZ

GENERAL NOTES:

- SOLAR CONTROLLERS, HUB AND METER INSTALLED IAW MORNINGSTAR TRISTAR DOC. MS-001156 V4.4
- SOLAR CONTROLLERS REPROGRAMMED FOR LITHIUM BATTERIES IAW MORNINGSTAR DOC. MS-002938 V3.3
- VOLTAGE CONVERTER INSTALLED IAW RENOGY DCC1212-204060 MANUAL
- BATTERY MONITOR INSTALLED IAW RENOGY RBM500 MANUAL
- INVERTER CHARGER AND METER INSTALLED IAW AIMS POWER DOC. PIC0GLF10W-PIC0GLF60W
- DISTRIBUTION PANEL INSTALLED IAW WFCO MANUAL CD-M-00004-6
- LIFT INSTALLED IAW HYDRALIFT MANUAL 42-4874 STD-INSTALLATION-MANUAL 0516
- CARBON POD LIGHTS INSTALLED IAW KCLITES #615-RELAY WIRE HARNESS DOCUMENT
- BATTERY THERMOSTAT INSTALLED IAW WEEWOODAY ENCLOSED DIAGRAM
- SOLAR PANEL ACTUATORS INSTALLED IAW PROGRESSIVE AUTOMATION DATA SHEET PA-15P
- BED/COUCH & SHOWER PAN ACTUATOR INSTALLED IAW WINDYNATION ACTUATOR WIRELESS CONTROLLER USER MANUAL
- CELL BOOSTER INSTALLED IAW WEBOOST MANUAL GDE000354 REV 1
- UV LIGHT INSTALLED IAW VIQIA OWNERS MANUAL 520104 REV AC
- WATER HEATER INSTALLED IAW MERCURY RV WATER HEATERA DUO-10/AQU-10 MANUAL DATED 21/12/21
- FAN INSTALLED IAW G&C SYSTEMS ROOFTOP VENTILATOR TECHNICAL DETAILS 1
- INTERNAL VENTILATION VALVE V12 INSTALLED IAW G&C SYSTEMS INTERNAL VALVE TECHNICAL DETAILS 2
- FAN CONTROL INSTALLED IAW G&C SYSTEMS ROOFTOP VENTILATORS TECHNICAL DETAILS 8
18. AFT FUSE BOX INSTALLED IAW BUNKER INDUSTRIES ENCLOSED PRODUCT DETAILS
- HOURLMETER INSTALLED IAW JAYRON ENCLOSED INSTRUCTIONS
- INTERIOR LIGHTS INSTALLED IAW WORTON ENCLOSED INSTRUCTIONS
- DIESEL HEATER INSTALLED IAW EBERSPACHER MANUAL 252361909767
- AWNING INSTALLED IAW FIAMMA F65 EAGLE MANUAL AD IS 98690-074 REV P
- FWD FAN INSTALLED IAW CAFRAMO MANUAL 7012MN001 REV 00

CONF / QTY	ITEM NO.	PART NUMBER	DESCRIPTION	VENDOR	SOURCE/NOTES
	01	111	5ZW26-40-660V	40A 3 POLES 3 POSTIONS	PEISSY AZ
	01	110	VTEU-3000	3KVA CONVERTER 220/110	LVYUAN AZ
	01	109	61493	CARAVAN CEE POWER PLUG	SCHWABE AZ
	AR	108	AMW-318	18 AWG WIRE BLACK	OEM HD
	AR	107	AMW-328	18 AWG WIRE RED	OEM HD
	01	106	907 905 55 02	SWITCH AUX LIGHTS	MERCEDES BENZ OM
	01	105	907 905 13 05	SWITCH CONVERTER ON/OFF	MERCEDES BENZ OM
	02	104	320569	YELLOW 1/4 TERMINAL LUG	AMP AZ
	01	103	XX328	WATER PUMP	BAYITE AZ
	01	102	1012CABBX	SIROCCO II BLACK	SEEKR/CAFRAMO AZ
	01	101	H61901A2-1	LED STRIP LIGHT 16 FT	GOVEE AZ
	01	100	WRT001	LED PUCK LIGHTS 4 EA	WORTON AZ
	02	99	96422	CARBON POD 70W HID	KC LITES OEM
	01	98	ACT-2PCS30IN	SHOWER PAN ACTUATOR	WINDYNATION AZ
	02	97	ACT-2PCS12IN	COUCH/BED ACTUATOR	WINDYNATION AZ
	03	96	ABC-10	10A FUSE	ATC AZ
	08	95	Y76134	HEATING PADS	GAOHOI AZ
	02	94	X042	THERMISTAT	WEEWOODAY AZ
	02	93	M7D77-POE	CAMERA	MICROSEVEN AZ
	01	92	S12D48K144Z	48VDC CONVERTER	DOW AZ
	01	91	G5108PEV3	NETWORK SWITCH	NETGEAR AZ
	01	90	12-19-285W	19VDC CONVERTER	KNACRO AZ
	01	89	NUCSIRYH	COMPUTER	INTEL AZ
	01	88	07755C01R	AWNING	FLAMMA OEM
	01	87	98655-950	AWNING SWITCH	FLAMMA OEM
	01	86	98655-994	AWNING CONTROLLER	FLAMMA OEM
	01	85	225101004103	HEATER CONTROL UNIT	ESPARSPACHER HS
	01	84	221000341300	HEATER THERMOSTAT	ESPARSPACHER HS
	01	83	252361050000	D5 DIESEL HEATER	ESPARSPACHER HS
	01	82	D607888	FRIDGE	NORCOLD AZ
	02	81	MS23224-1	SWITCH GUARD RED	EATON AZ
	02	80	MS35059-22	SWITCH SPST	EATON AZ
	AR	79	THHN6BLK	6 AWG WIRE BLK	STOCK WIRE AZ
	AR	78	THHN6RED	6 AWG WIRE RED	STOCK WIRE AZ
	01	77	CFLUG-06AG-38	6 AWG 5/16 TERMINAL LUG	WINDYNATION AZ
	04	76	49-340	ANDERSON CONNECTOR	PHILMORE AZ
	01	75	402475	LIFT	HYDRALIFT OEM

- BATT 1 - 12VDC (006)
- BATT 1 - 12VDC (102)
- BATT 2 - 12VDC (030)
- BATT 2 - 12VDC (125)
- RV PWR - 12VDC (001)
- RV GND - 12VDC (003)
- SOURCE - 12VDC (235)
- SOURCE - 12VDC (125)
- MOTOR CNTRL OUT (204)
- MOTOR CNTRL IN (154)
- SOLAR PANEL - (244)
- SOLAR PANEL - (154)

N/A	DWG FILE NAME LOCATION
DASH NO.	USED ON
	APPLICATION

MATERIAL	UNLESS OTHERWISE SPECIFIED	CONTRACT NUMBER	TIKISPRINTER LLC
ALL DIM ARE IN INCHES	TOL	XX ± .010 XXX ± .005 ANGLE ± 2°	DRAWN CHECK ENGR
INTERPRET DRAWING PER 000-STD-000 BREAK ALL SHARP EDGES		MFG DA APPO	Electrical Schematic
		CAGE CODE	SIZE A DWG NO. TIKISPRINTER-01012017-1001 REV E
		SCALE 1/1 WT. NA	SHEET 1 of 6

VENDOR LIST

HS HEATSO
OEM ORIGINAL MANUFACTURER
HD HOME DEPOT
MR MOUSER
RE RENOGY
NE NEWARK
LB LYNX BATTERIES
AZ AMAZON



- 01 PART OF BATTERY SHUNT HARNESS
- 02 PART OF IN-LINE FUSE HOLDER
- 03 PART OF ACTUATOR WIRE HARNESS
- 04 ETHERNET CABLE PART OF HUB KIT
- 05 RG6 PART OF CELL BOOSTER KIT
- 06 POWER PLUG PART OF CELL BOOSTER KIT
- 07 PART OF UV LIGHT WIRE HARNESS
- 08 ETHERNET CABLE PART OF INVERTER/CONVERTER KIT
- 09 PART OF HEATER WIRE HARNESS KIT
- 10 PART OF AWNING WIRE HARNESS KIT
- 11 POWER PLUG PART OF COMPUTER POWER SUPPLY
- 12 POWER PLUG PART OF SWITCH/ROUTER POWER SUPPLY
- 13 ETHERNET CABLE
- 14 PART OF KC LITES WIRE HARNESS KIT

CIRCUIT WIRE & SEQ AWG WIRE COLOR
EXAMPLE: UUU VV W XX YYZ

UUU CIRCUIT
VV W WIRE & SEQUENCE
XX AWG
Z COLOR

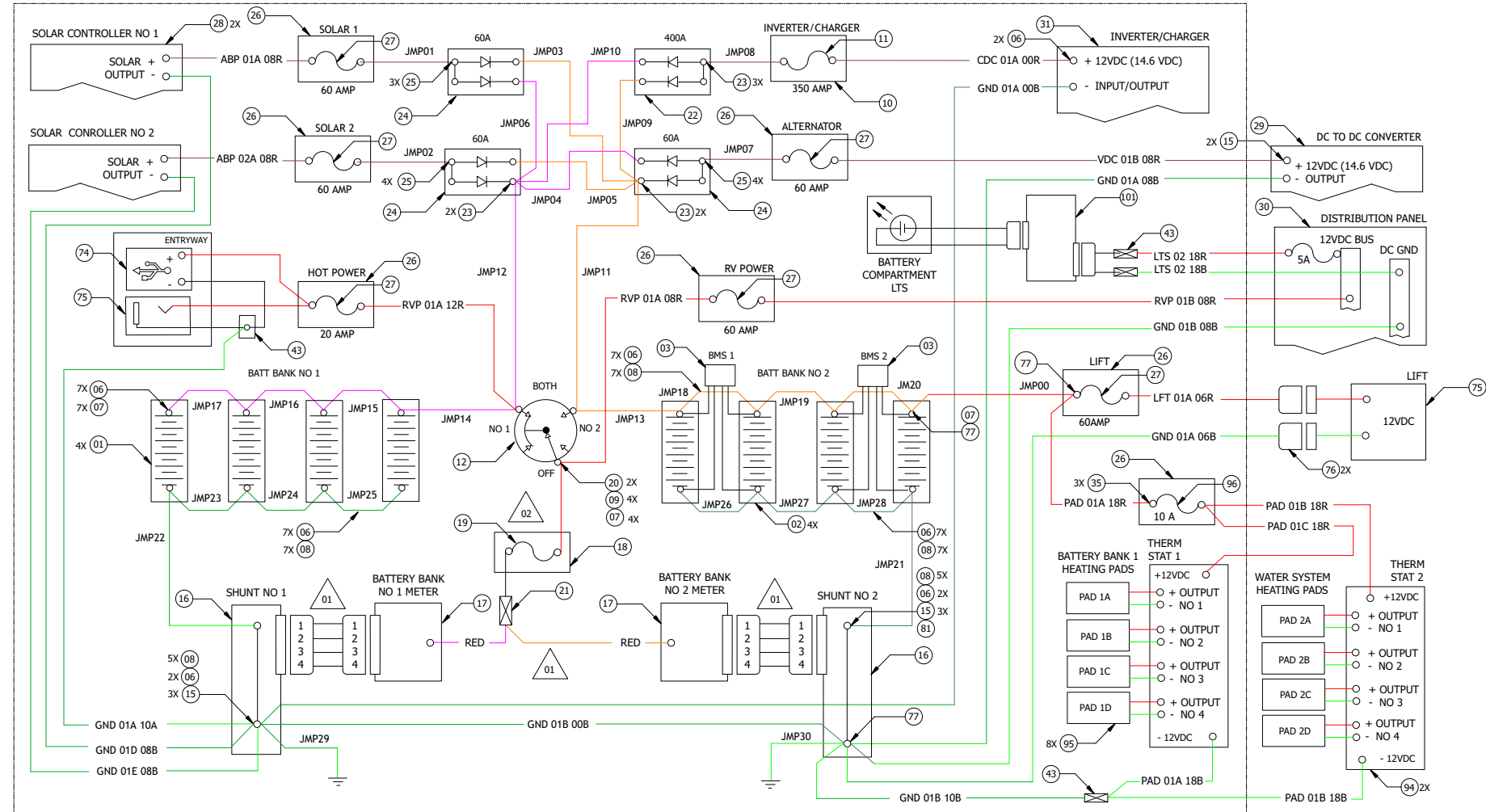
R=RED, B=BLACK & W=WHITE
YELL/W= YELLOW & WHITE
ORG/W = ORANGE & WHITE

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	IR	INITIAL RELEASE	20170101	GZADAR
	A	SINGLE BATTERY BANK AND 2 SOLAR PANELS	20210101	GZADAR
	B	DUAL BATTERY BANKS AND 4 SOLAR PANELS	20230723	GZADAR
	C	INTERLOCKS FOR AWNING & SOLAR PANELS	20240501	GZADAR
	D	REDRAWN WITH QCAD & CLEAN UP	20241104	GZADAR
	E	UPDATED TO 220VAC & CAMERA SYSTEM	20250801	GZADAR

DWG NO. TIKISPRINTER-01012017-1001

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
		SEE SHEET 1		

BATTERY COMPARTMENT



JUMPERS

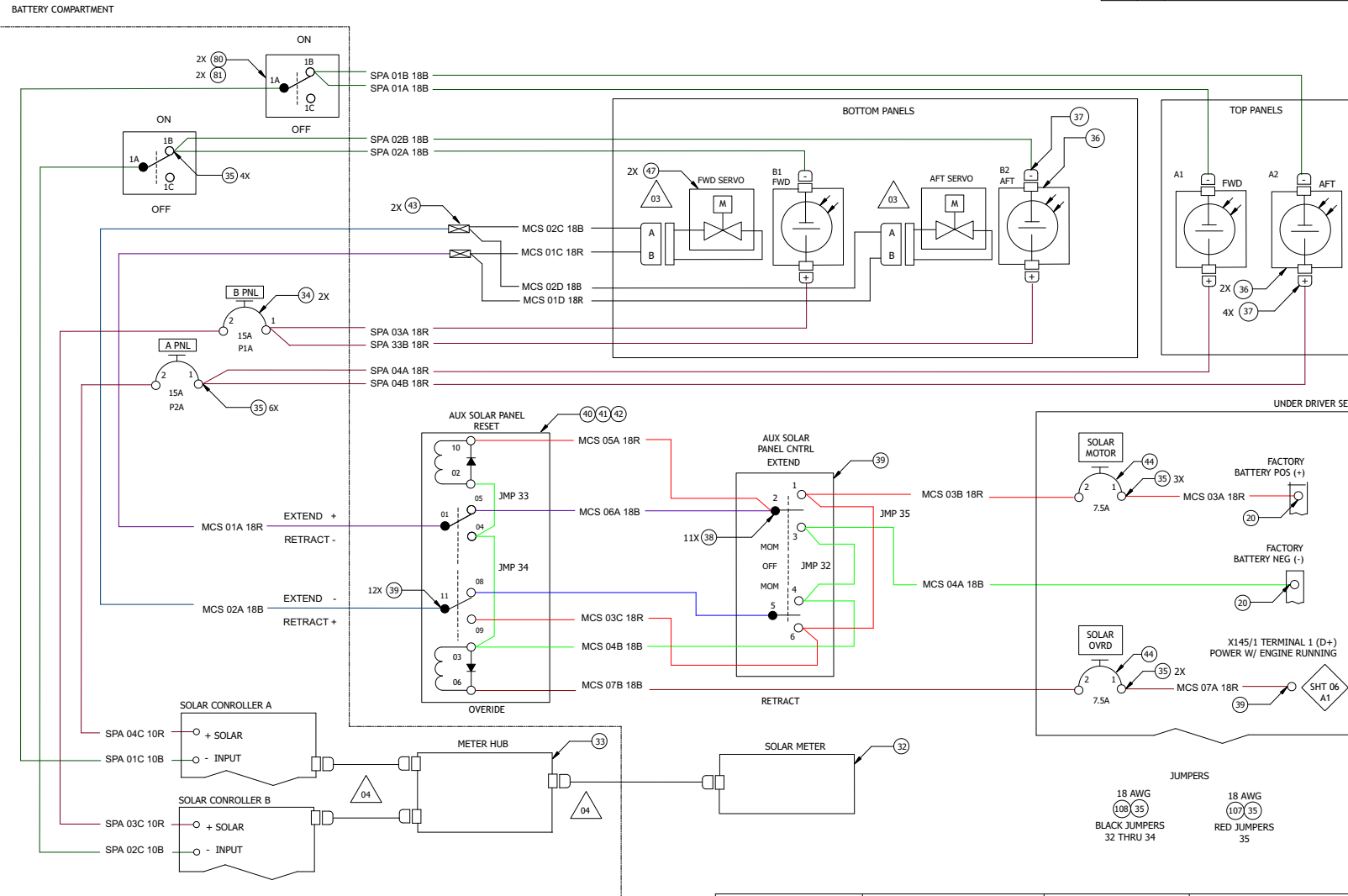
06 AWG RED JUMPERS 00	08 AWG RED JUMPERS 01 THRU 07	00 AWG RED JUMPERS 08 THRU 20	00 AWG BLACK JUMPERS 22 THRU 30
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N/A	DWG FILE NAME LOCATION
DASH NO.	USED ON
	APPLICATION

MATERIAL		UNLESS OTHERWISE SPECIFIED		CONTRACT NUMBER		TIKISPRINTER	
ALL DIM. ARE IN INCHES	TOL.	XX	± .010	DRAWN		Electrical Schematic	
		XXX	± .005	CHECK			
		ANGLE	± 2°	ENG			
INTERPRET DRAWING PER DOD-STD-100. BREAK ALL SHARP EDGES		MEG		DA		SIZE A	DWG NO. TIKISPRINTER-01012017-1001
		APPD		CAGE CODE		SCALE 1/1	WT. NA
						SHEET 2 of 6	REV E

DWG NO. TIKISPRINTER-01012017-1001

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
		SEE SHEET 1		



JUMPERS
18 AWG
BLACK JUMPERS
32 THRU 34
18 AWG
RED JUMPERS
35

MATERIAL		UNLESS OTHERWISE SPECIFIED		CONTRACT NUMBER		TIKISPRINTER	
ALL DIM. ARE IN INCHES	TOL.	XX XXX ANGLE	: : : 2"	DRAWN	CHECK	SIZE A	DWG NO. TIKISPRINTER-01012017-1001
INTERPRET DRAWING PER 000-STD-100. BREAK ALL SHARP EDGES		MEG		CAGE CODE		REVISIONS	
DASH NO.		USED ON		SCALE		SHEET	
APPLICATION				1/1		3 of 6	

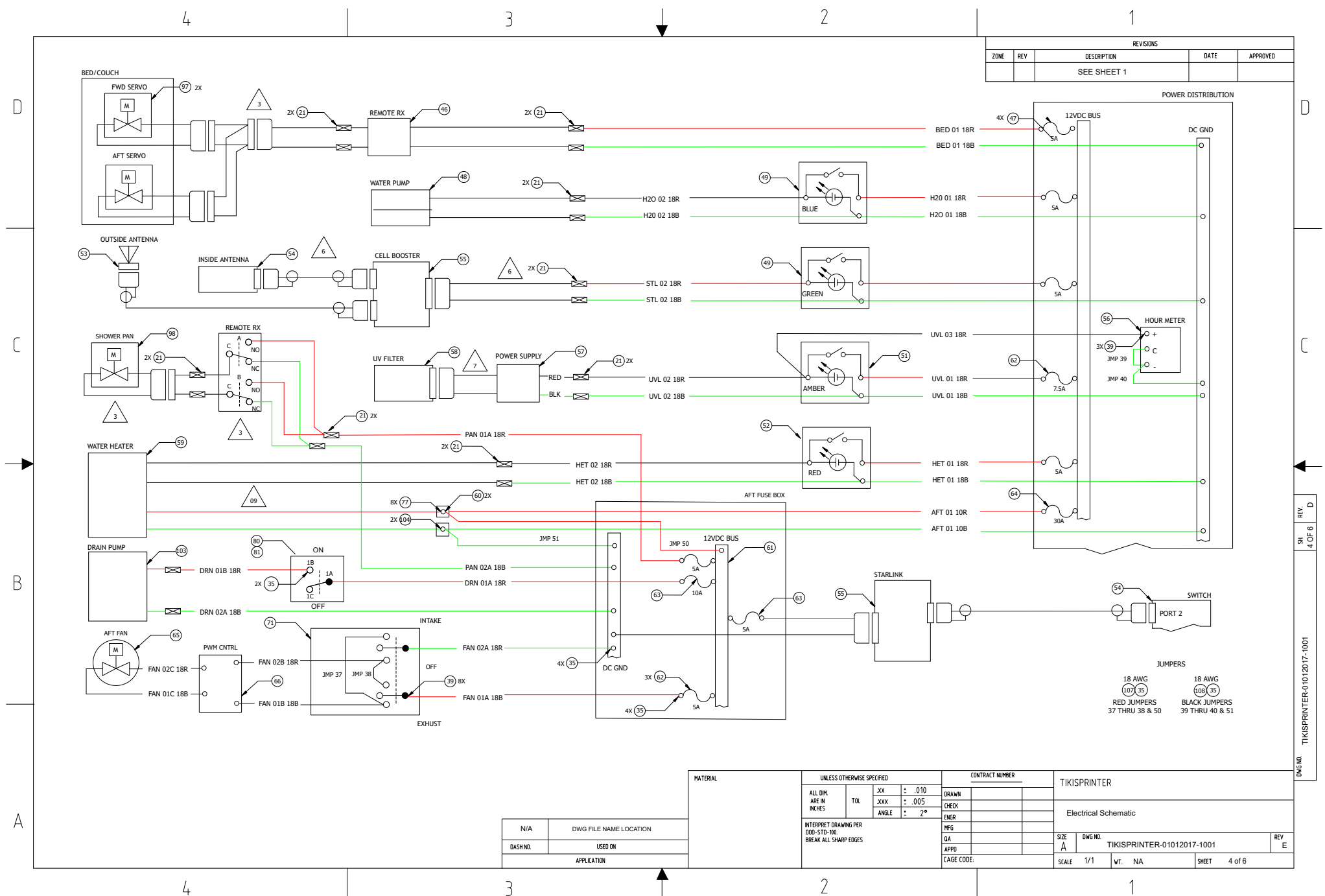
N/A	DWG FILE NAME LOCATION
DASH NO.	USED ON
APPLICATION	

DWG NO. TIKISPRINTER-01012017-1001

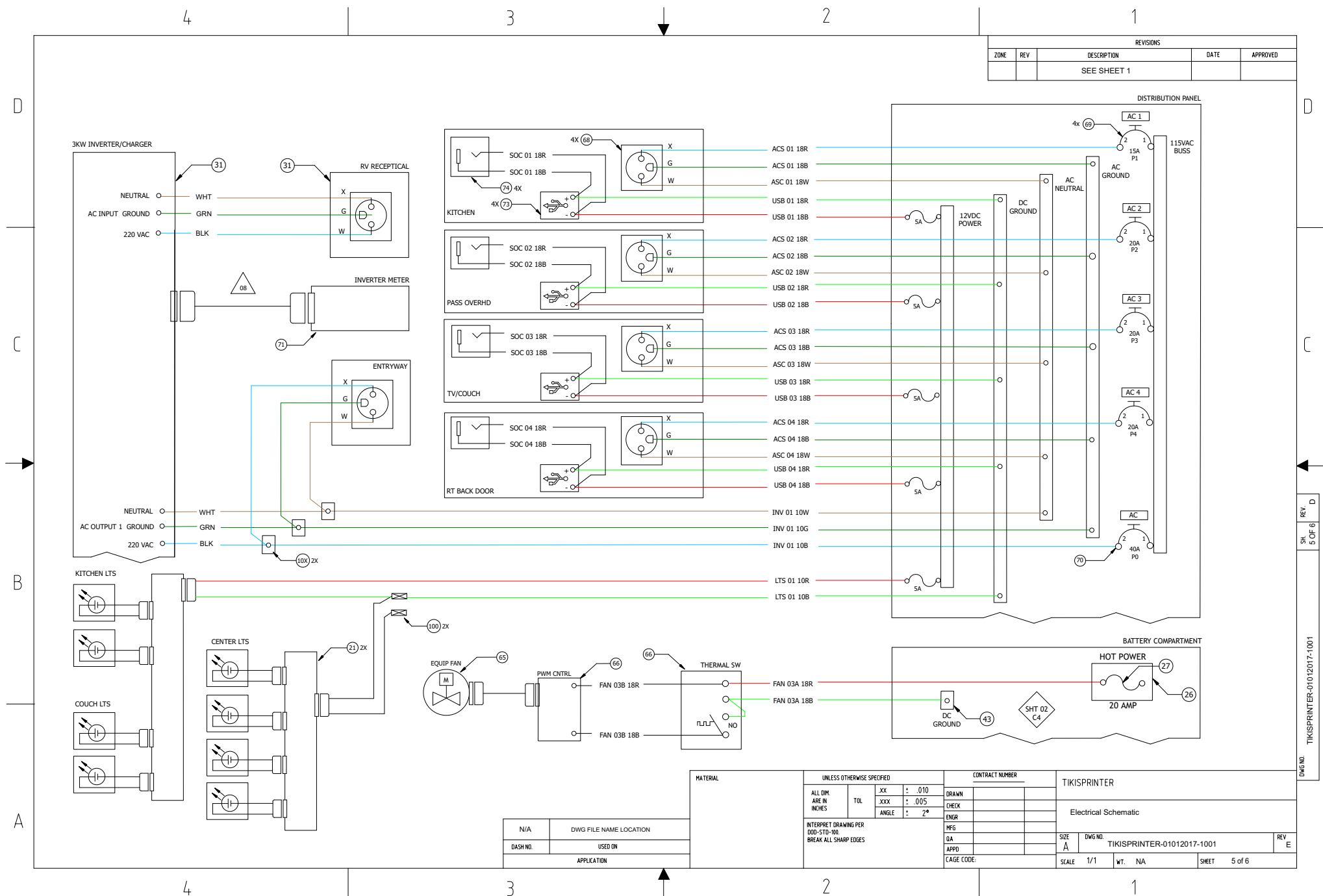
SH. 3 OF 6

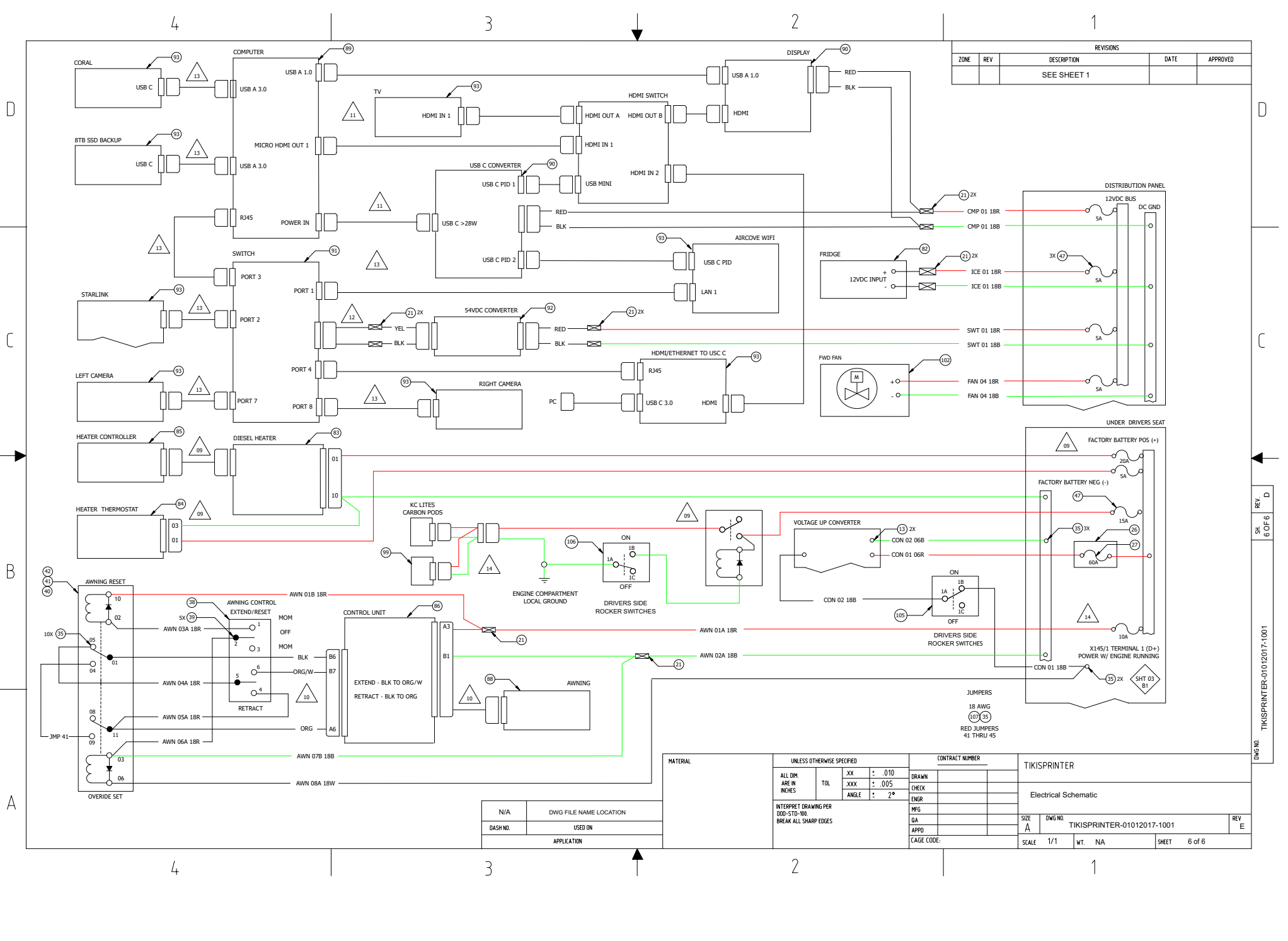
REV.

D



DWG NO. TIKISPRINTER-01012017-1001





REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
		SEE SHEET 1		

SH. 6 OF 6
REV. D
DWG NO. TIKISPRINTER-01012017-1001

UNLESS OTHERWISE SPECIFIED			CONTRACT NUMBER		
ALL DIM. ARE IN INCHES	TOL	XX XXX ANGLE	± .010 ± .005 ± 2°	DRAWN	
INTERPRET DRAWING PER DOD-STD-100 BREAK ALL SHARP EDGES			CHECK		
			ENGR		
			MFG		
			QA		
			APPO		
			CAGE CODE		

TIKISPRINTER			
Electrical Schematic			
SIZE A	DWG NO. TIKISPRINTER-01012017-1001	REV E	
SCALE 1/1	WT. NA	SHEET 6 of 6	

N/A	DWG FILE NAME LOCATION
DASH NO.	USED ON
APPLICATION	

JUMPERS
18 AWG
(107/35)
RED JUMPERS
41 THRU 45