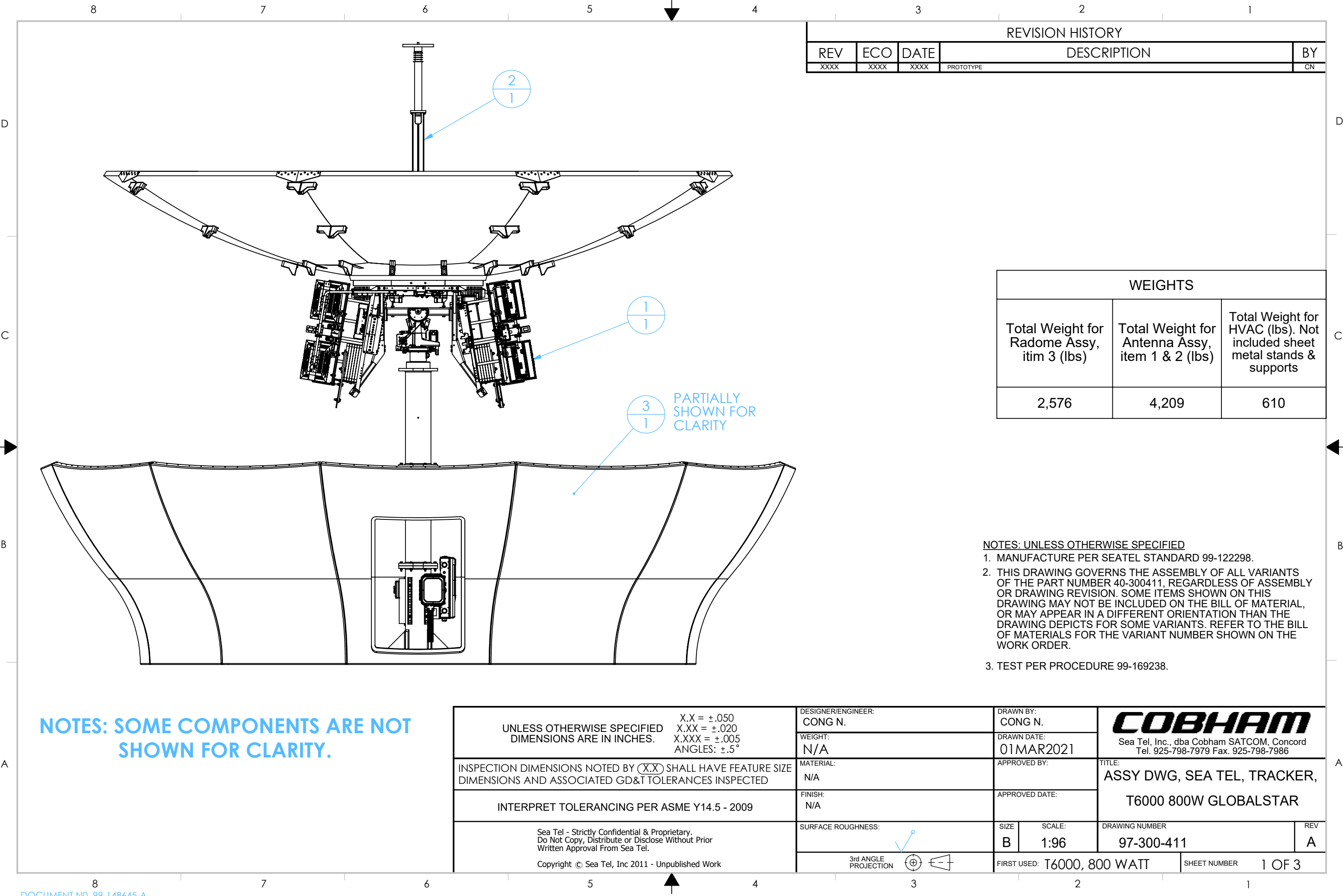


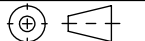


REVISION HISTORY				
REV	ECO	DATE	DESCRIPTION	BY
XXXX	XXXX	XXXX	PROTOTYPE	CN

WEIGHTS		
Total Weight for Radome Assy, item 3 (lbs)	Total Weight for Antenna Assy, item 1 & 2 (lbs)	Total Weight for HVAC (lbs). Not included sheet metal stands & supports
2,576	4,209	610

- NOTES: UNLESS OTHERWISE SPECIFIED
- MANUFACTURE PER SEATEL STANDARD 99-122298.
 - THIS DRAWING GOVERNS THE ASSEMBLY OF ALL VARIANTS OF THE PART NUMBER 40-300411, REGARDLESS OF ASSEMBLY OR DRAWING REVISION. SOME ITEMS SHOWN ON THIS DRAWING MAY NOT BE INCLUDED ON THE BILL OF MATERIAL, OR MAY APPEAR IN A DIFFERENT ORIENTATION THAN THE DRAWING DEPICTS FOR SOME VARIANTS. REFER TO THE BILL OF MATERIALS FOR THE VARIANT NUMBER SHOWN ON THE WORK ORDER.
 - TEST PER PROCEDURE 99-169238.

NOTES: SOME COMPONENTS ARE NOT SHOWN FOR CLARITY.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. X.X = ±.050 X.XX = ±.020 X.XXX = ±.005 ANGLES: ±.5°	DESIGNER/ENGINEER: CONG N.	DRAWN BY: CONG N.		COBHAM Sea Tel, Inc., dba Cobham SATCOM, Concord Tel. 925-798-7979 Fax. 925-798-7986	
	WEIGHT: N/A	DRAWN DATE: 01MAR2021			
INSPECTION DIMENSIONS NOTED BY (X.X) SHALL HAVE FEATURE SIZE DIMENSIONS AND ASSOCIATED GD&T TOLERANCES INSPECTED	MATERIAL: N/A	APPROVED BY:		TITLE: ASSY DWG, SEA TEL, TRACKER, T6000 800W GLOBALSTAR	
	FINISH: N/A	APPROVED DATE:			
INTERPRET TOLERANCING PER ASME Y14.5 - 2009					
Sea Tel - Strictly Confidential & Proprietary. Do Not Copy, Distribute or Disclose Without Prior Written Approval From Sea Tel. Copyright © Sea Tel, Inc 2011 - Unpublished Work	SURFACE ROUGHNESS: 	SIZE B	SCALE: 1:96	DRAWING NUMBER 97-300-411	REV A
		FIRST USED: T6000, 800 WATT		SHEET NUMBER 1 OF 3	

8 7 6 5 4 3 2 1

D
C
B
A

D
C
B
A

EQUIPMENT FRAME ASSY
P/N 62-174530 REF.

SOME COMPONENTS ARE NOT
SHOWN FOR CLARITY

30
2

78 70
30 30
2X REF.

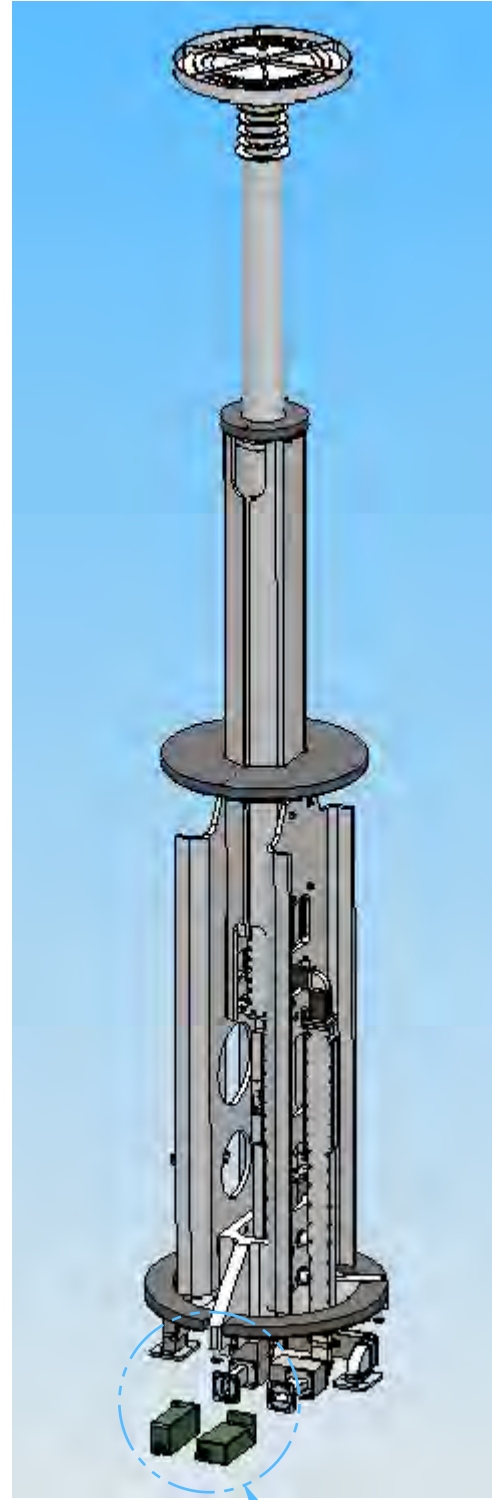
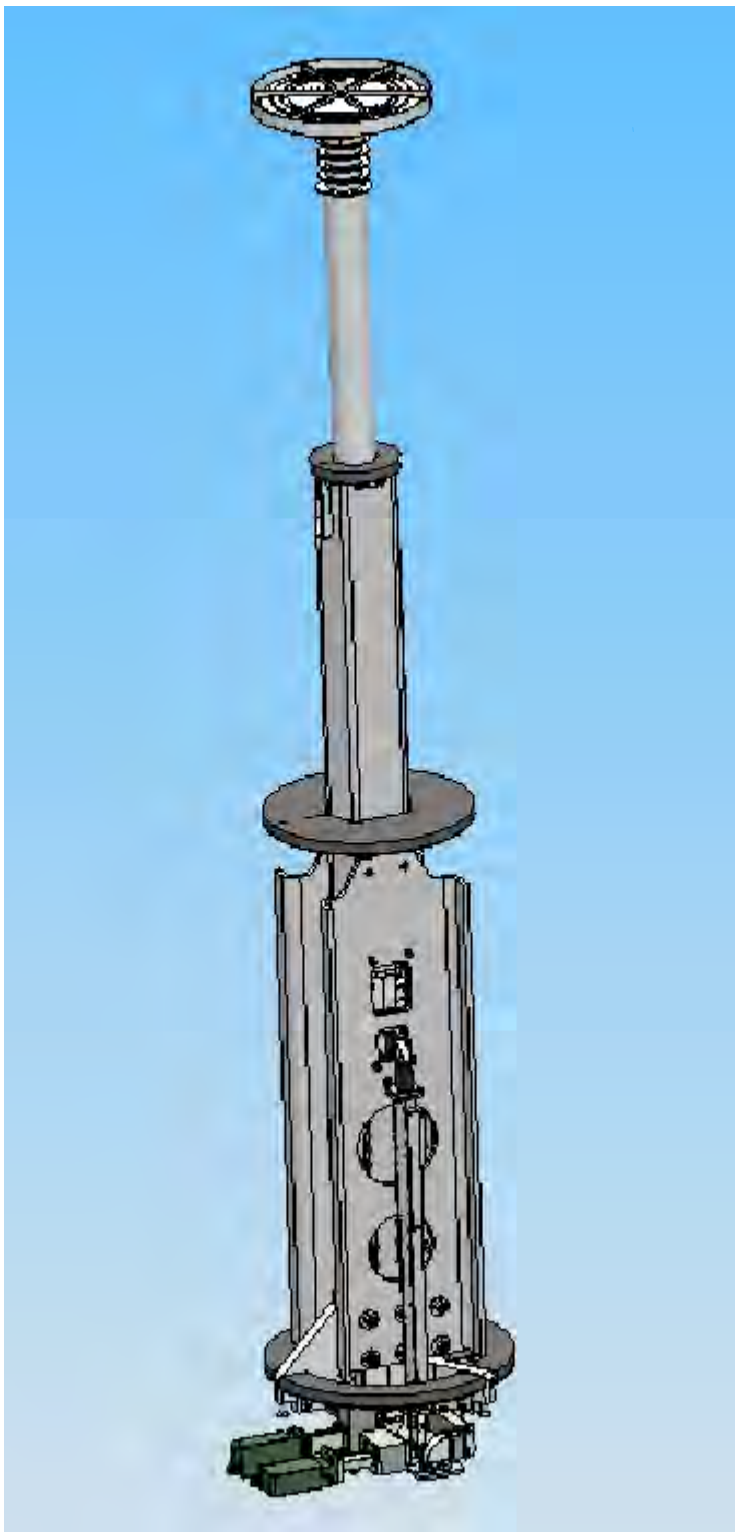
42 41
1 1



SIZE	SCALE:	DRAWING NUMBER	REV
B	1:16	97-300411	A
FIRST USED: T6000 800W			SHEET NUMBER 2 OF 3

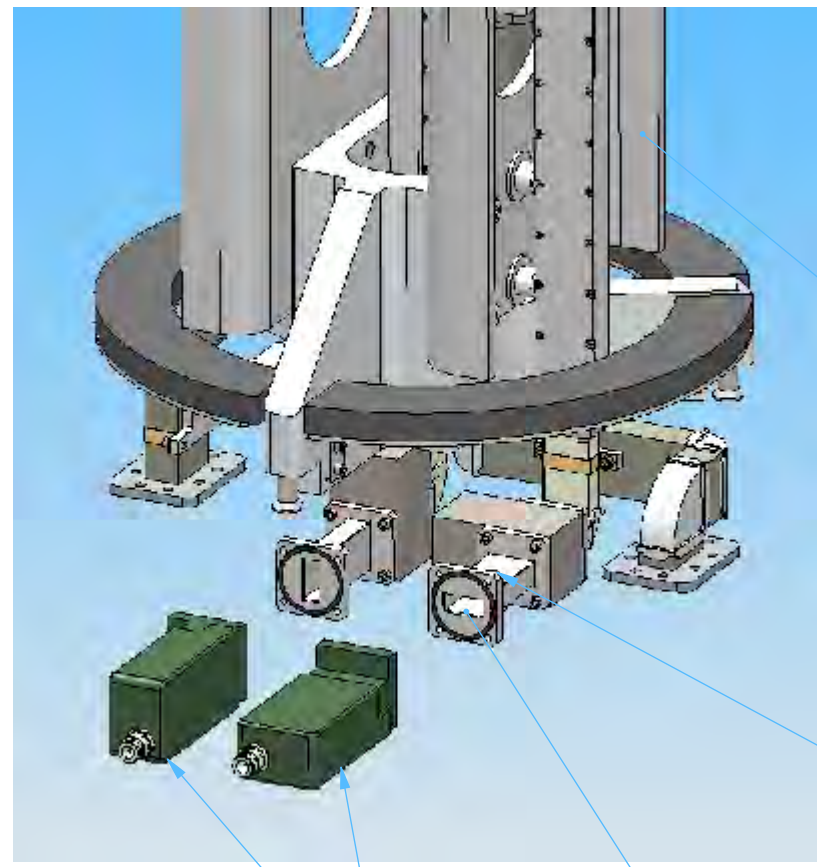
8 7 6 5 4 3 2 1

D
C
B
A



SEE DETAIL A

ANTENNA ASSY (ITEM 2) TO LNB (ITEM 20)
SOME COMPONENTS NOT SHOWN FOR CLARITY



FEED TOWER ASSY, REF.

8X 8X
50 58

2X COUPLER REF.
ORIENTATION OF OPENING SHOULD
BE MATCH WITH OPENINGS
OF ITEM 20 (LNB)

20

DETAIL A

D
C
B
A

SIZE	SCALE:	DRAWING NUMBER	REV
B	1:24	97-300411	A
		SHEET NUMBER	3 OF 3

8 7 6 5 4 3 2 1

ORACLE BOM Explosion Report

Item Number: DL-174525-A
Description: SYSTEM BLOCK LIST, TRACKER 6000 800W
Item Revision: Introductory
Date as of: 03/24/2021 06:37:34 AM PDT

Find Num	Qty	Inventory Unit (LN6)	Number	Rev	Description / Title	BOM Notes
0	1	pcs	92-174525	Introductory	SYSTEM BLOCK DIAGRAM, TRACKER 6000 800W	
1	1	pcs	62-174525	A.26 ECO-00038953	GENERAL ASSY, T6000 800 WATT	
2	1	pcs	62-162996	A.03 MCO-00049561	ANTENNA ASSY, T6000	
3	1	pcs	62-163000	A.05 MCO-00049343	FEED TOWER ASSY, T6000	
4	1	pcs	62-166957	C MCO-00049240	FEED CORE ASSY, T6000	
5	2	pcs	88-207866-000	A MCO-00049206	LNB, X-BAND, 6.875-7.055 GHz, LO 9.160 GHz	
6	2	pcs	88-207867-008	MCO-00050339	SSPB, TERRASAT 800W, 5.09-5.25 GHz, L.O. Freq 4.25	
7	1	pcs	62-165842	A.03 ECO-00039414	RADOME LIGHTING KIT, T6000	
8	1	pcs	62-171768	A.06 ECO-00039325	KIT, OBSTRUCTION LIGHT AND LIGHTNING DIVERTER	
9	1	ea	88-207608-000	MCO-00047453	ETHERNET TERMINAL AND DEVICE SERVER	
10	1	pcs	62-164506	A.01 MCO-00046477	ENCLOSURE ASSY, ICU3,	
11	1	ea	62-169591	A.02 MCO-00049240	POWER SUPPLY ASSY, 48V, T6000	
12	1	pcs	62-170032	A.02 MCO-00049240	MOTOR DRIVER ASSY, T6000	
13	3	pcs	62-164367	A.05 ECO-00037049	STEPPER MOTOR ASSY, T6000	
14	1	pcs	62-166500	A.03 ECO-00036881	ENCODER ASSY, AZ, GLOBALSTAR	
15	1	pcs	62-168745	A.01 MCO-00049240	MOTION PLATFORM ASSY, T6000	
16	1	ea	37-131383-A	03 ECO-00037654	GARMIN GPS MODULE, SERIAL, RJ-12, 190"	
20	1	pcs	62-174825	A.06 ECO-00039444	IF INTERFACE & 10MHz DISTRIBUTION ASSY, T6000,800W	

Created By: Mike Needham
Create Time: 03/24/2021 06:37:52 AM PDT

ORACLE BOM Explosion Report

Item Number: DL-174525-A

Description: SYSTEM BLOCK LIST, TRACKER 6000 800W

Item Revision: Introductory

Date as of: 03/24/2021 06:37:34 AM PDT

Find Num	Qty	Inventory Unit (LN6)	Number	Rev	Description / Title	
21	1	pcs	62-164829	A.11 MCO-00052922	POWER MONITOR ASSY	
22	1	pcs	88-207606-000	MCO-00027205	ETHERNET SWITCH, INDUSTRIAL 16 PORT MANAGED	
23	1	pcs	62-169043	A.01 ECO-00036750	REMOTE TERMINAL UNIT ASSY, WITH SOFTWARE	
24	1	pcs	32-207177-000	MCO-00030603	CLIMATE REMOTE MONITOR, TEMPERATURE & HUMIDITY	
25	2	pcs	37-207334-000	MCO-00043402	Geist RTAFHD3-12, Remote Temp, Hum, Airflow sensor	
26	1	pcs	62-166690	A.03 ECO-00038908	MUTE INTERFACE BOX ASSY	
27	1	pcs	62-166653	A.04 ECO-00036750	SAFETY CIRCUIT INTERFACE BOX ASSY	
28	1	pcs	62-165834	A.02 ECO-00037710	REMOTE E STOP ASSY, IP66, SPST-NC	
29	1	pcs	62-164608	A.01 ECO-00037869	MUTE DOOR SENSOR KIT	
30	1	pcs	62-173278	A.04 ECO-00039316	CIRCUIT BREAKER ASSY, 3 PHASE 32 AMP, T6000, 800W	
31	1	pcs	62-167225	A MCO-00049240	POWER STRIP KIT, 2 POLE 10A CB, 6 IEC C13 OUTPUT	
32	1	pcs	88-207375-009	MCO-00050918	POWER RING ASSY, 9CH, 30 AMP	
33	1	pcs	31-207540-000	MCO-00024447	POWER STRIP, ONE C14 TO FOUR C13, WITH GROUND LEAD	
34	2	pcs	62-174694	A.02 ECO-00039248	PWR DISTRIBUTION UNIT, 30 AMPS, 100/240VAC, 3POS	
35	3	ea	37-207202-024	MCO-00045963	CORD, 15AMP IEC-C14 TO C13 AUTOLOCK 24"	ICU POWER, : & 10MHz ENC
36	1	ea	37-207202-048	MCO-00045963	CORD, 15AMP IEC-C14 TO C13 AUTOLOCK 48"	48VDC POWE
37	1	ea	37-207202-060	MCO-00045963	CORD, 15AMP IEC-C14 TO C13 AUTOLOCK 60"	POWER MON
38	2	pcs	37-174754-A	02 ECO-00038326	POWER CORD ASSY, TERRASAT IBUC	
39	4	pcs	37-174753-A	02 ...	POWER CORD ASSY, TERRASAT 800W SSPA	

Created By: Mike Needham

Create Time: 03/24/2021 06:37:52 AM PDT

ORACLE BOM Explosion Report

Item Number: DL-174525-A
Description: SYSTEM BLOCK LIST, TRACKER 6000 800W
Item Revision: Introductory
Date as of: 03/24/2021 06:37:34 AM PDT

Find Num	Qty	Inventory Unit (LN6)	Number	Rev	Description / Title	B
				...ECO-00038327		
40	1	ea	37-166694-A	03 ECO-00035043	HARNESS ASSY, STEPPER MOTOR DRIVER, PWR & AZ ECN.	
41	1	ea	37-169805-A	02 ECO-00039159	HARNESS ASSY, T6000 48VDC PSU-FDM, DE9P-SE9S, 84"	
42	2	ea	37-169829-A	01 ECO-00034194	CABLE ASSEY, DA-15S TO DA-15P, MTR TO FDM 18"	AZ / CL MOT
43	1	ea	37-169534-A	01 ECO-00034118	CABLE ASSEY, DA-15S TO DA-15P, MTR TO FDM 72"	EL MOTOR
44	1	ea	37-151143-A	02 MCO-00026371	CABLE ASS'Y, DE9P TO DE9S, 3 TP W/SHIELD, 96 INCH	LEVEL PLAT
45	1	ea	37-169964-A	05 ECO-00035135	HARNESS ASSEY, ICU3 TO DUAL WR34 BB SW	
46	1	pcs	37-166654-A	04 MCO-00045413	HARNESS, ICU FEED TO MUTE INTERFACE BOX	
47	1	ea	37-168019-A	01 ECO-00032921	HARNESS ASSY, POWER MONITOR TO ETHERNET SWITCH	
48	1	ea	37-168108-A	01 ECO-00032924	HARNESS ASSY, POWER MONITOR TO RTU	
49	1	ea	37-168109-A	02 ECO-00033931	HARNESS ASSY, POWER MONITOR TO CLIMATE MONITOR	
50	2	pcs	37-167573-A	01 MCO-00045413	HARNESS ASSY, RS232+MUTE ICU TO MUTE INTERFACE BOX	
51	2	pcs	37-167575-A	05 ECO-00039387	HARNESS ASSY, TERRASAT RF M&C - MUTE INTERFACE BOX	
52	2	ea	37-207196-003	MCO-00044914	PATCH CABLE, CAT5e SH, RA-DOWNSTREIGHT, 1ft	RTU / WEAT
53	1	ea	37-207196-000	MCO-00027715	PATCH CABLE, CAT5e SH, RA-DOWN/STREIGHT. 24"	ICU-3 COMM
54	1	ea	37-169042-A	02 ECO-00035043	PATCH CORD, RJ45-RA / IP67-RJ45, LHCP BUC, 7FT	RIGHT HANI
55	1	pcs	37-175661-A	02 ECO-00038818	PATCH CORD, RJ45-RA / IP67-RJ45, LHCP BUC, 10FT	LEFT HAND
56	2	pcs	37-207301-107	MCO-00041220	FLAT PATCH CORD, SHIELDED CAT6, GRN, 5M	PED. COMM

Created By: Mike Needham
Create Time: 03/24/2021 06:37:52 AM PDT

ORACLE BOM Explosion Report

Item Number: DL-174525-A
Description: SYSTEM BLOCK LIST, TRACKER 6000 800W
Item Revision: Introductory
Date as of: 03/24/2021 06:37:34 AM PDT

Find Num	Qty	Inventory Unit (LN6)	Number	Rev	Description / Title	
57	1	ea	37-207350-000	MCO-00044399	CABLE ASSY, USB B PLUG TO USB A SOCKET, 2M	POWER M
58	1	ea	37-168936-A	02 ECO-00035043	CABLE ASSEY, RA M8 S TO FI M8 P, 22 AWG, PUR	E-STOP / L
59	1	pcs	37-173647-A	02 ECO-00038781	HARNESS ASSY, 25 PIN D-SUB M TO M5 FEMALE 26 AWG	10MHz SEI
60	6	ea	37-207126-004	MCO-00045412	COAX CABLE ASSY, SRC316T SMA(M)-SMA(M), 12 FT	AZ RF COA
61	1	ea	128722-41036GRN	A.02 ECO-00008544	CABLE ASSY, LMR-240, N (M) - SMA (M), 36 IN, GRN	RIGHT HAI
62	1	pcs	37-207145-003	MCO-00034899	COAX CABLE ASSY, LMR240UF, SMA(M)-N(M), 60IN	LEFT HANI
63	2	pcs	37-207138-003	MCO-00018387	COAX CABLE ASSY, RG316DB, SMA(M)-SMA(M), 24"	RXIF OUT
64	2	ea	37-207119-007	MCO-00026461	COAX CABLE, SRC316T, SMA (M)RA - N (M)RA, 3ft	LEFT & RIC
65	2	ea	141095-631060	02 ECO-00011962	CABLE ASSY, SRC316 TRI SHIELD, SMA (M)RA - SMA(M),	RXIF TO IC
66	2	ea	37-207356-048	MCO-00045322	COAX CABLE ASSY, RG316DS, SMA(RAM) TO SMA(RAM) 48"	TEST RX F
67	1	ea	37-207197-002	MCO-00027625	COAX CABLE ASSY, RG174, SMA(M)-SMA(M), 24"	10MHz TO
68	6	ea	128722-11014VIO	MCO-00012113	CABLE ASSY, LMR-240, SMA (M) - SMA (M), 14 IN, VIO	TX RF OUT
69	1	pcs	37-207144-000	MCO-00018809	COAX CABLE ASSY, LMR240UF, SMA(M)-SMA(M), 24IN	WG COUP
70	1	pcs	37-207144-108	MCO-00041735	COAX CABLE ASSY, LMR240UF, SMA(M)-SMA(M), 108IN	WG COUP
71	2	pcs	37-207144-120	MCO-00041456	COAX CABLE ASSY, LMR240UF, SMA(M)-SMA(M), 120IN	TX/RF OUT
72	4	pcs	37-207139-002	MCO-00052787	COAX CABLE ASSY, RG316DB, SMA(M)-SMA(M)RA, 18"	
73	4	ea	37-207199-001	MCO-00027508	COAX CABLE ASSY, RG174 SMA(RAM)-SMA(RAM), 12"	10MHz OU

Created By: Mike Needham
Create Time: 03/24/2021 06:37:52 AM PDT

ORACLE BOM Explosion Report

Item Number: DL-174525-A
Description: SYSTEM BLOCK LIST, TRACKER 6000 800W
Item Revision: Introductory
Date as of: 03/24/2021 06:37:34 AM PDT

Find Num	Qty	Inventory Unit (LN6)	Number	Rev	Description / Title	BOM Notes
80	1	pcs	37-165007-A	01 MCO-00045413	WAVEGUIDE, WR112, E-BEND,1.26X2.98" T6000	
81	2	pcs	46-163106-A	01 MCO-00049235	BAND PASS FILTER, WR112, 6.875 - 7.055 GHz	
82	1	pcs	41-166956-A	01 MCO-00049205	WAVEGUIDE ELBOW, WR112, RECEIVE LINE, T6000	
83	1	pcs	41-167316-A	01 MCO-00049205	WAVEGUIDE, WR-112 UG, 90 DEG H-BEND,	
85	2	pcs	46-207221-001	MCO-00044595	WR112 UG-F/UG-G, RING COUPLER, 40dB, 6.7-7.1MHz	
86	2	pcs	46-207222-000	MCO-00042482	WR112 UG TO UG WAVEGUIDE ISOLATOR, 6.75 - 7.10 GHz	
90	2	pcs	46-163006-A	01 MCO-00049235	WR159 BAND PASS FILTER, 5-5.25 GHz	
91	1	pcs	37-165005-A	01 MCO-00045413	WAVEGUIDE, WR159, TWIST MULTI BEND, T6000	
92	1	pcs	37-165006-A	01 MCO-00045413	WAVEGUIDE, WR159, 7.94" EXTENTION, T6000	
93	1	pcs	37-165004-A	01 MCO-00045413	WAVEGUIDE, WR159, MULTI BEND, T6000	
94	2	pcs	33-207238-001	MCO-00046926	WAVEGUIDE SW, WEATHERIZED, WR159, DPDT, 24VDC, LAT	
95	2	pcs	46-207218-000	MCO-00042340	TERMINATION, WR159, LOW POWER, 80W, CPRG	
96	2	pcs	41-164105-A	02 MCO-00049204	WAVEGUIDE, WR159, FROM BB SWITCH TO LOAD, T6000	
97	2	pcs	46-207219-001	MCO-00051089	TERMINATION, WR159, HIGH POWER, 1000W, CPRG	
98	2	pcs	46-164143-A	04 MCO-00049235	WAVEGUIDE ASSY, WR159, COUPLER, 40dB, 3 SMA PORTS	
99	2	pcs	41-174716-A	02 ECO-00037833	WAVEGUIDE, WR159, FROM BUC TO COUPLER, T6000 800W	
100	2	pcs	46-167061-A	01 MCO-00049235	NOTCH FILTER, SMA, 5096MHz-5249MHz, 5W	
101	2	pcs	46-167063-A	01 ...	COAX FILTER, SMA, 5091MHz-5092MHz, 5W	

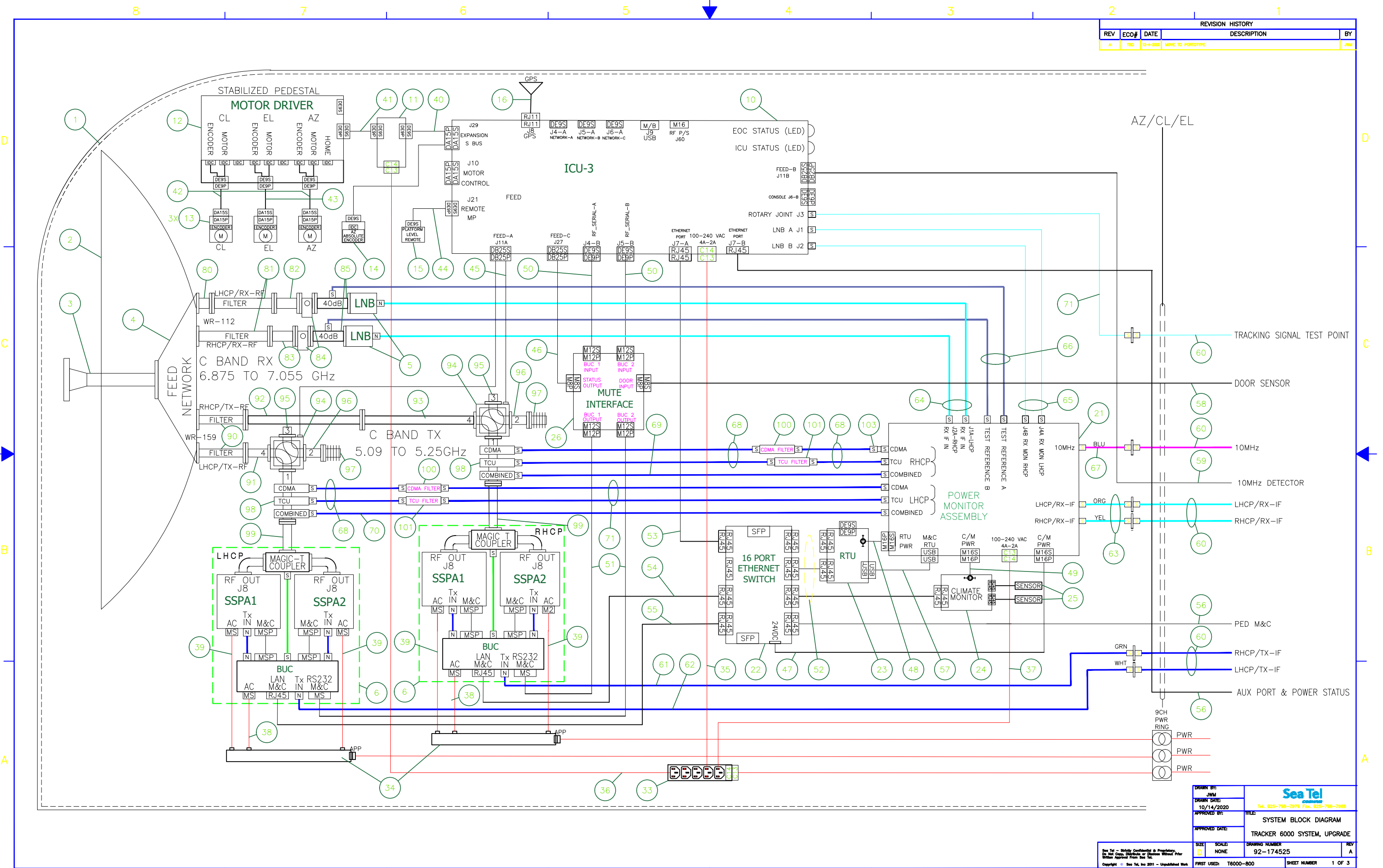
Created By: Mike Needham
Create Time: 03/24/2021 06:37:52 AM PDT

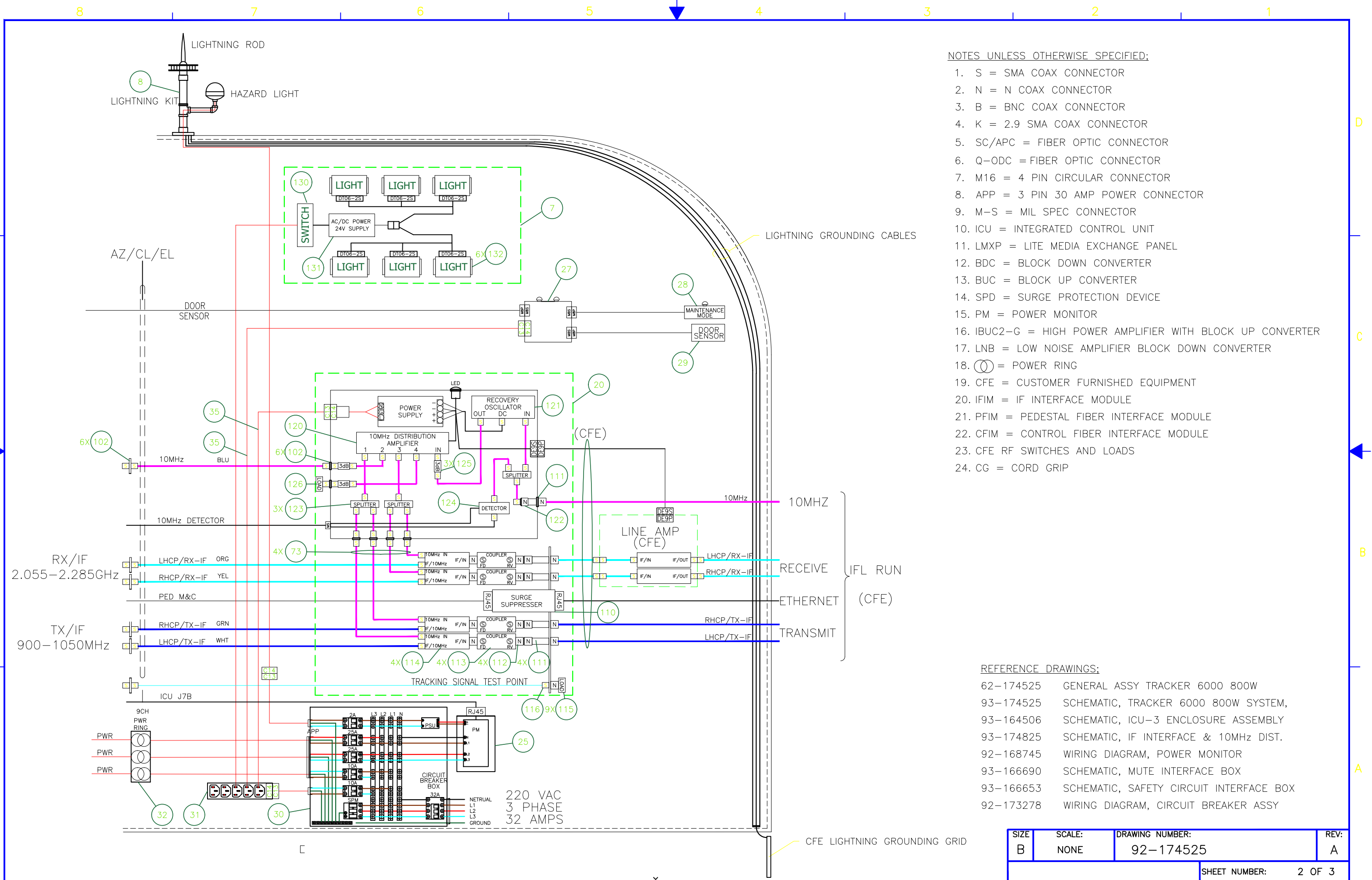
ORACLE BOM Explosion Report

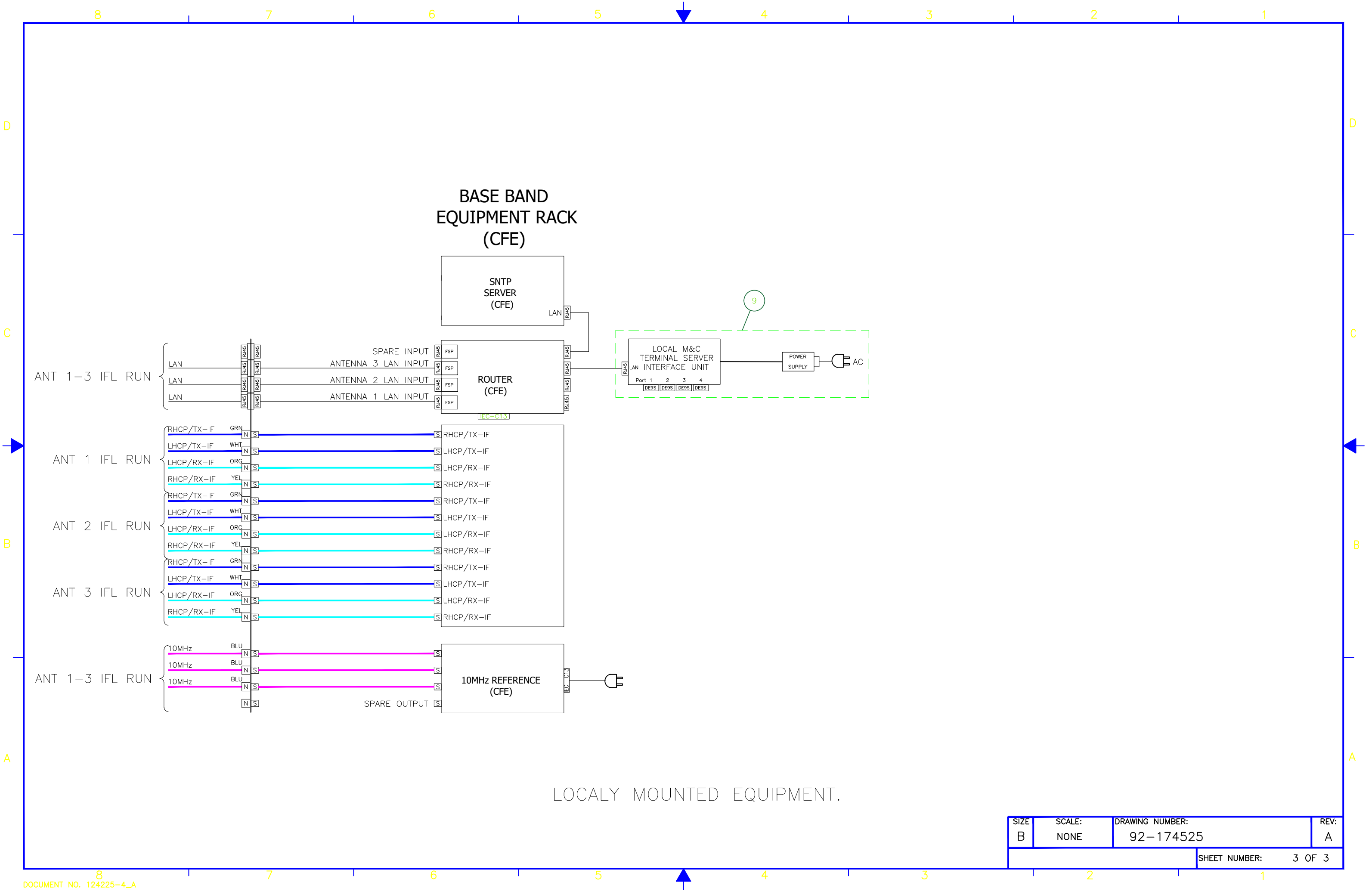
Item Number: DL-174525-A
Description: SYSTEM BLOCK LIST, TRACKER 6000 800W
Item Revision: Introductory
Date as of: 03/24/2021 06:37:34 AM PDT

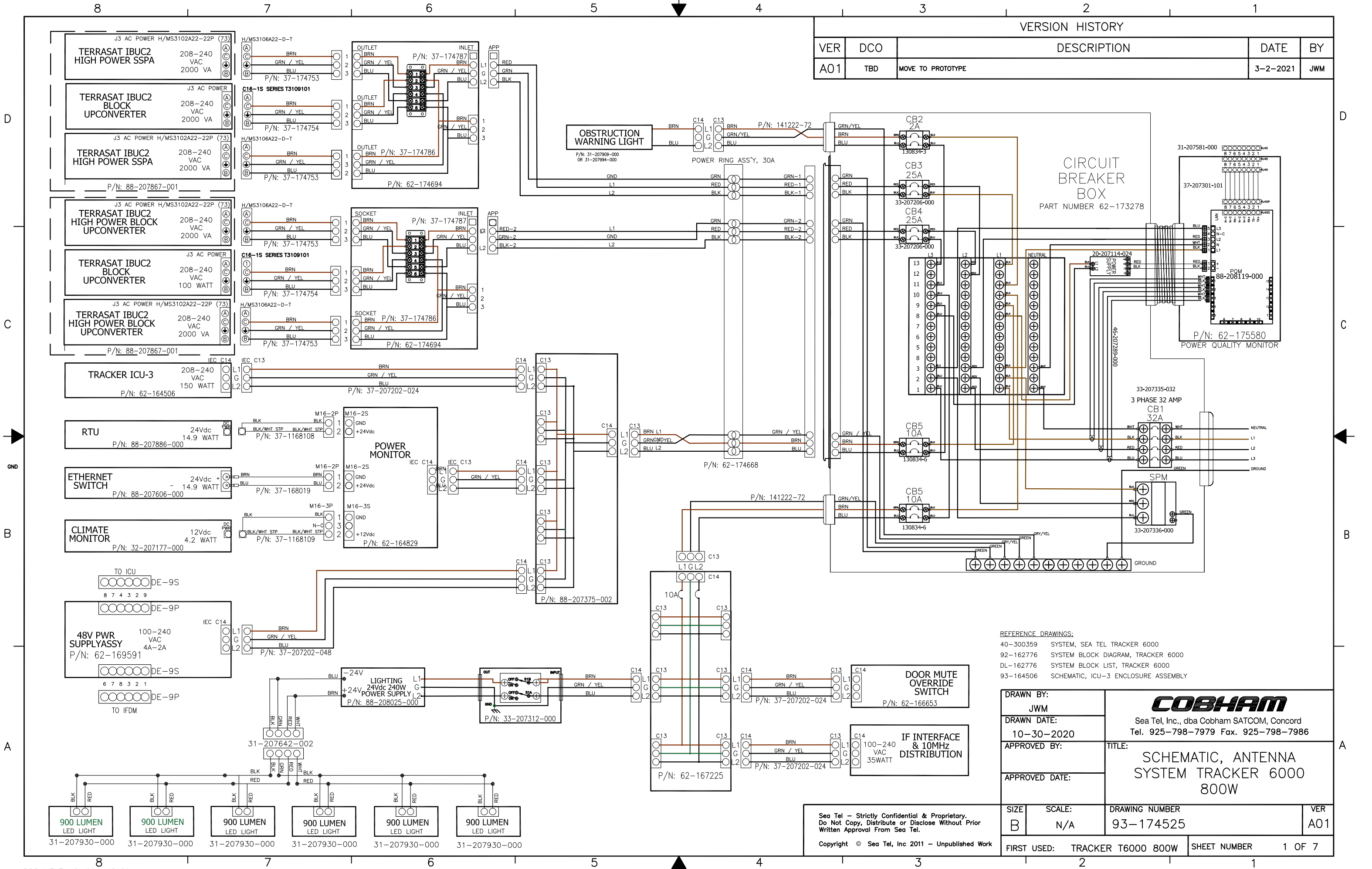
Find Num	Qty	Inventory Unit (LN6)	Number	Rev	Description / Title	BOM Notes
				...MCO-00049235		
102	12	ea	115492-10	MCO-00052788	ADAPTER, SMA(F)-SMA(F), BULKHEAD	
103	1	ea	115492-13	MCO-00019951	ADAPTER, SMA(M)-SMA(F), 90 DEGREE	
110	1	pcs	46-207226-000	MCO-00051112	RJ45 SURGE SUPRESSER	
111	5	pcs	136131	MCO-00020808	CONNECTOR, N(F)-N(F), BULKHEAD, LIGHTNING ARRESTER	
112	4	ea	110567-17	MCO-00048312	ADAPTER, N(M)-N(M)	
113	4	pcs	46-207224-000	MCO-00039869	COUPLER, BI-DIRECTIONAL, 800 TO 2300 MHZ, N	
114	4	pcs	46-207227-000	MCO-00044397	BIAS-T & 10MHz DIPLEXER, 3AMP, NORSAT BT-4333M	
115	9	pcs	46-207144-001	MCO-00050064	COAXIAL TERMINATION, 50 OHM, N MALE, WITH CHAIN	
116	1	ea	115492-28	MCO-00053445	ADAPTER, SMA(F)-N(F), BULKHEAD	
120	1	pcs	88-207345-000	MCO-00017898	10MHz 4 PORT DISTRIBUTION AMPLIFIER	
121	1	pcs	27-207097-000	MCO-00041046	10 MHz Recovery Oscillator, LREC-888X-11XX-02, SMA	
122	1	ea	31-207377-000	MCO-00013589	Adapter, SMA(F) to N(M), 50 Ohm, 6 GHz	
123	3	pcs	130838-2	A.01 ECO-00008545	POWER DIVIDER, 2 WAY O DEG, 10 - 2000 MHz, SMA	
124	1	ea	88-208045-000	MCO-00049428	POWER DETECTOR, COAXIAL, 50 OHM, 10 TO 8000 MHz	
125	3	ea	110495-3	MCO-00027635	ATTENUATOR, 3 dB, SMA, 2 WATT, DC-18GHz	
126	1	ea	112330-2	MCO-00026479	TERMINATOR, SMA MALE, 2 WATT, DC-18 GHz	
130	1	ea	33-207312-000	MCO-00047453	SWITCH, TOGGLE, 2 POLE, 15A, 120/277VAC, IVORY	
131	1	pcs	88-208025-000	MCO-00047693	POWER SUPPLY, 240W, MEANWELL 24V 10A LED DRVR	
132	6	ea	31-207930-000	MCO-00045323	VEHICLE LIGHT, LED, 12-24 VDC 900 LUMENS IP69K	
			DL-174525-A	Introductory	SYSTEM BLOCK LIST, TRACKER 6000 800W	

Created By: Mike Needham
Create Time: 03/24/2021 06:37:52 AM PDT





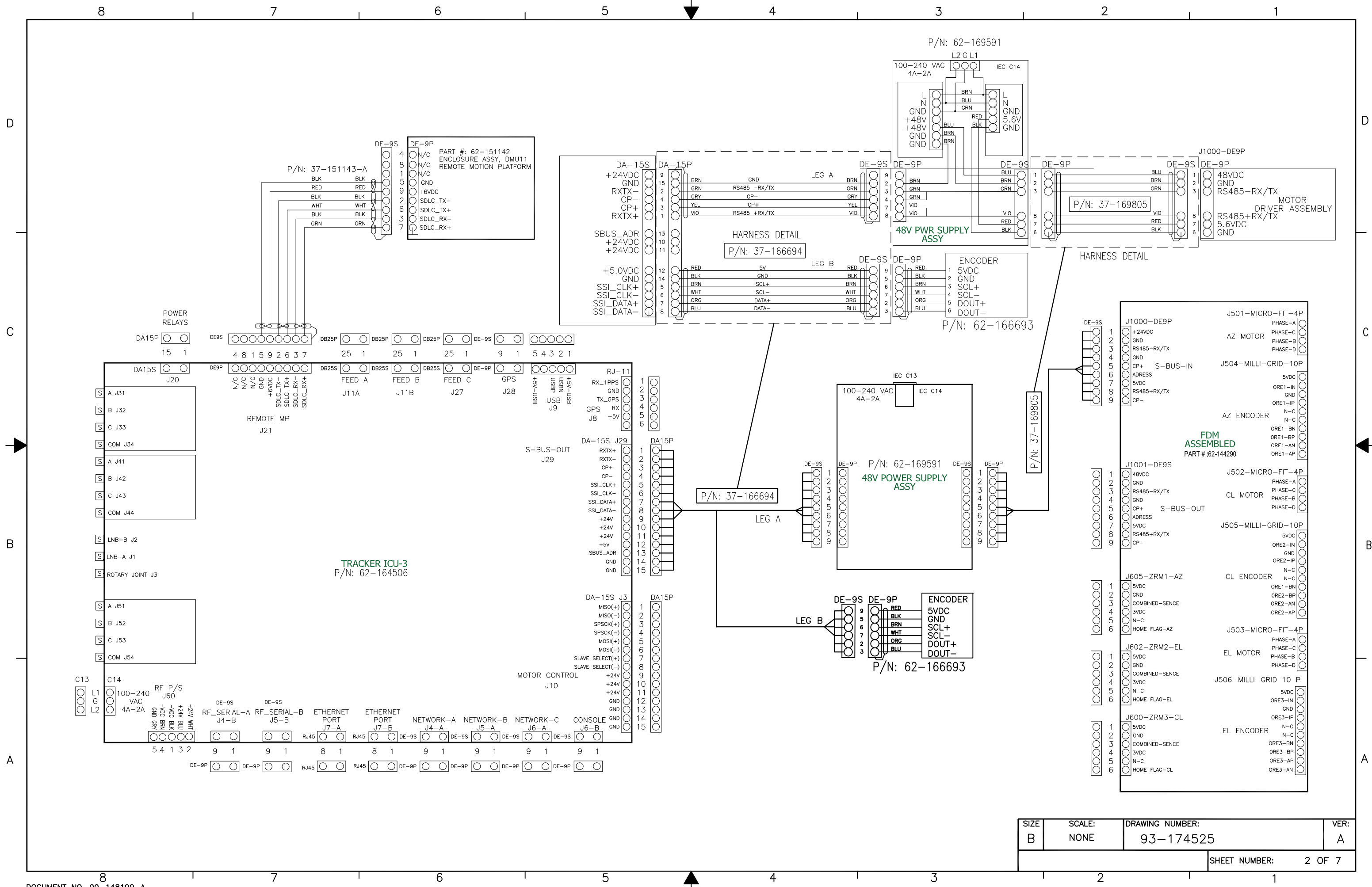




VERSION HISTORY				
VER	DCO	DESCRIPTION	DATE	BY
A01	TBD	MOVE TO PROTOTYPE	3-2-2021	JWM

REFERENCE DRAWINGS:
40-300359 SYSTEM, SEA TEL TRACKER 6000
92-162776 SYSTEM BLOCK DIAGRAM, TRACKER 6000
DL-162776 SYSTEM BLOCK LIST, TRACKER 6000
93-164506 SCHEMATIC, ICU-3 ENCLOSURE ASSEMBLY

DRAWN BY: JWM		COBHAM Sea Tel, Inc., dba Cobham SATCOM, Concord Tel. 925-798-7979 Fax. 925-798-7986	
DRAWN DATE: 10-30-2020			
APPROVED BY:		TITLE: SCHEMATIC, ANTENNA SYSTEM TRACKER 6000 800W	
APPROVED DATE:			
SIZE B	SCALE: N/A	DRAWING NUMBER 93-174525	VER A01
FIRST USED: TRACKER T6000 800W		SHEET NUMBER 1 OF 7	



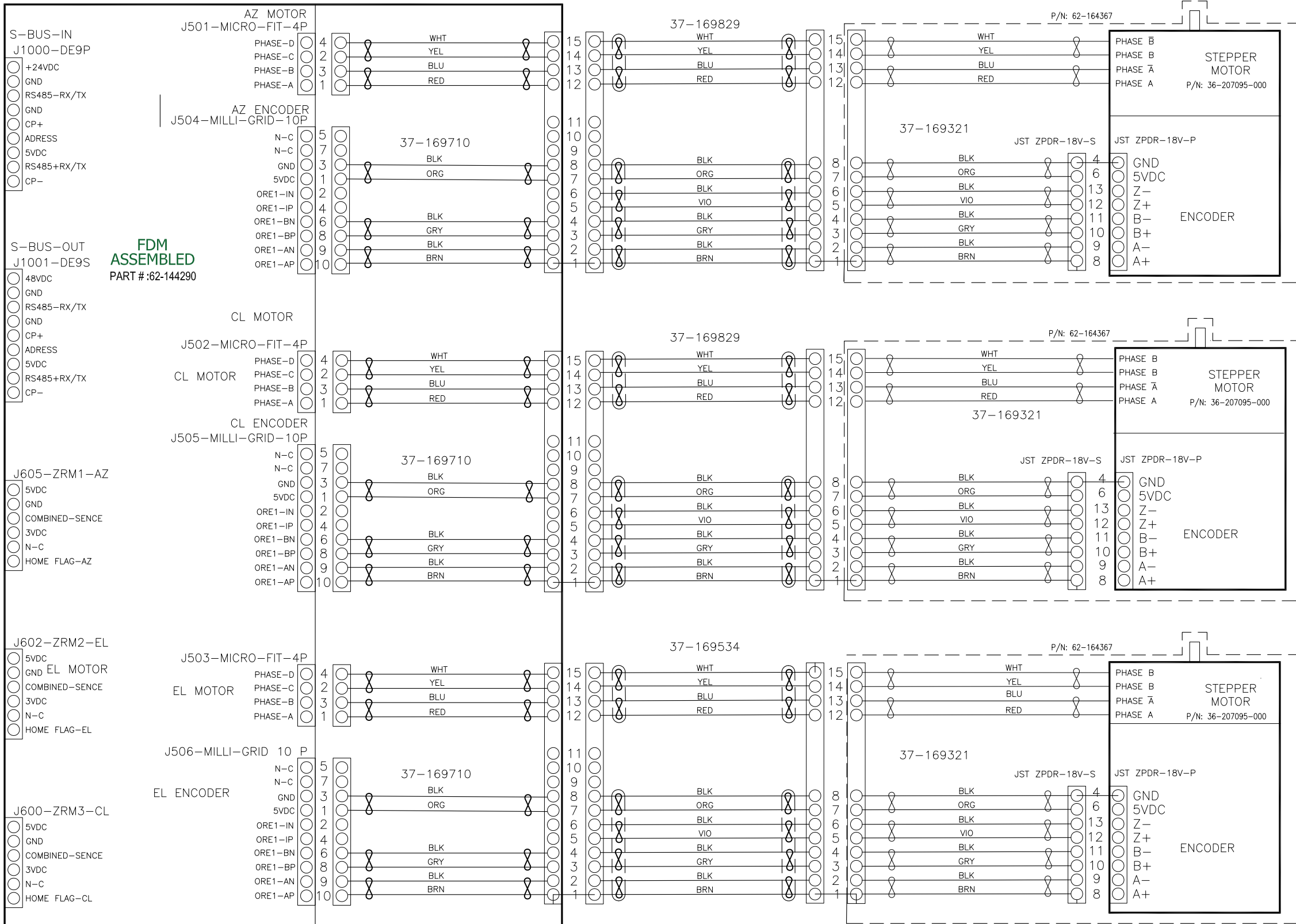
SIZE	SCALE:	DRAWING NUMBER:	VER:
B	NONE	93-174525	A
SHEET NUMBER:			2 OF 7

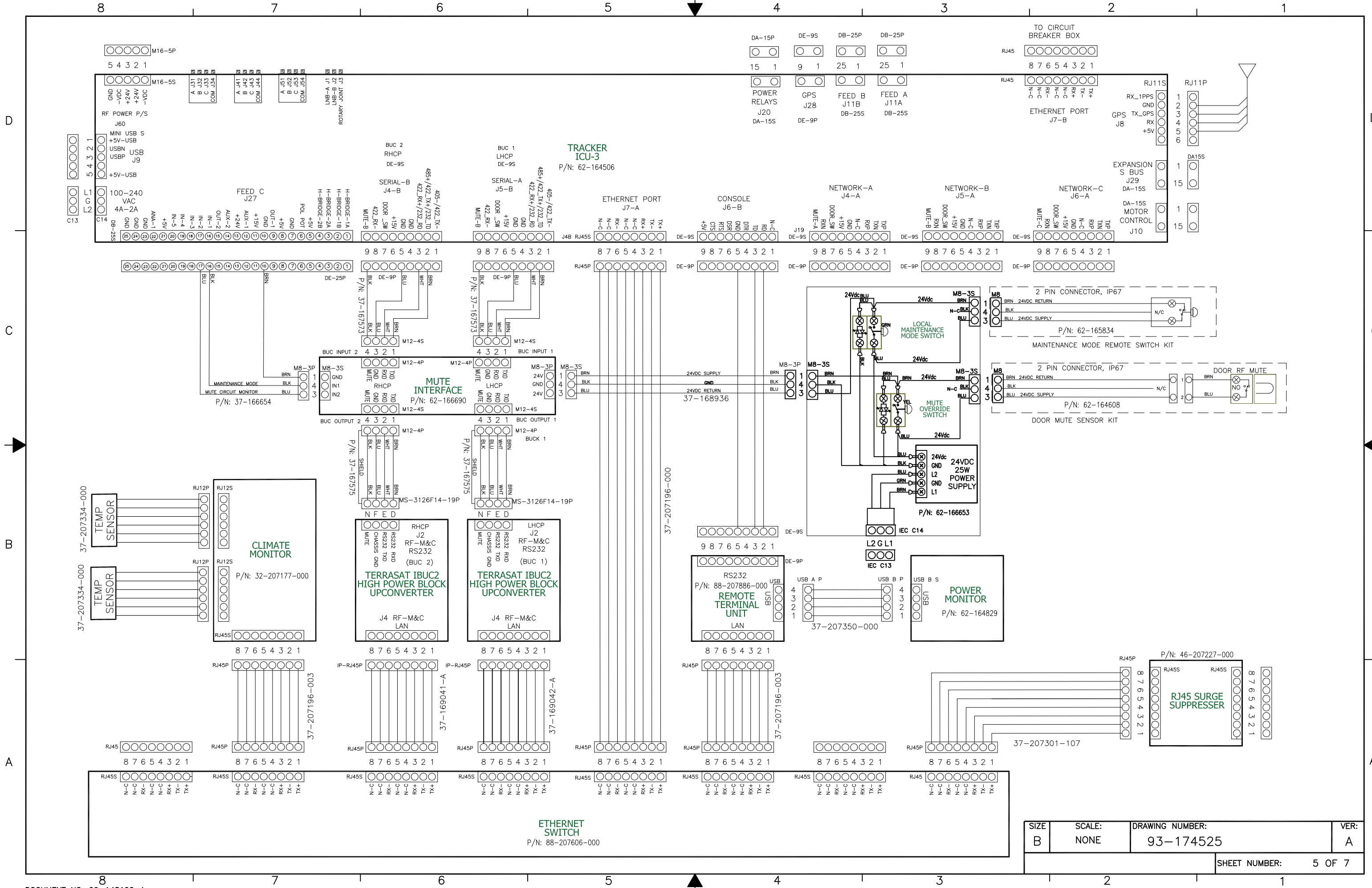
D

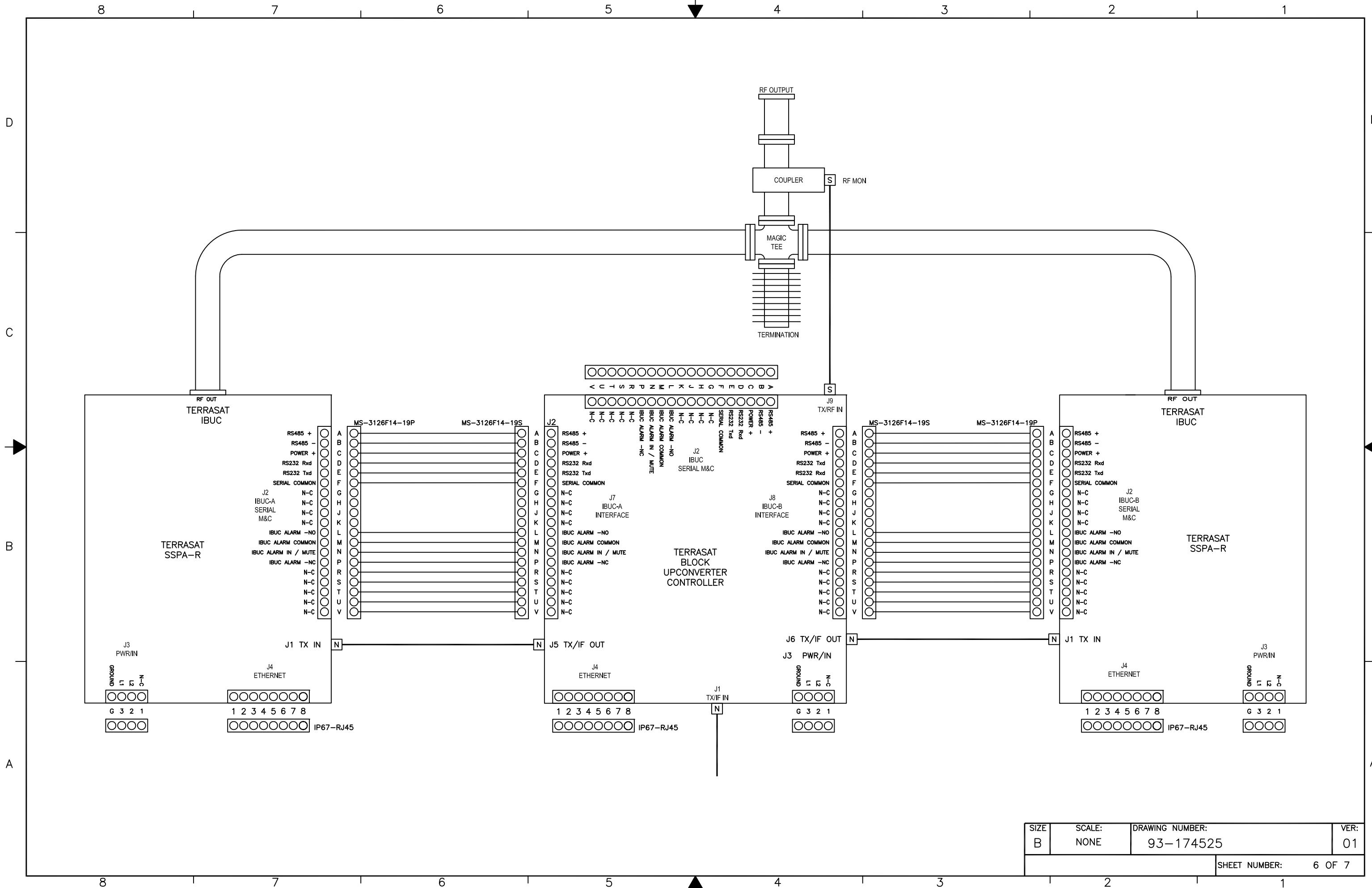
C

B

A







SIZE	SCALE:	DRAWING NUMBER:	VER:
B	NONE	93-174525	01
SHEET NUMBER:			6 OF 7

D

C

B

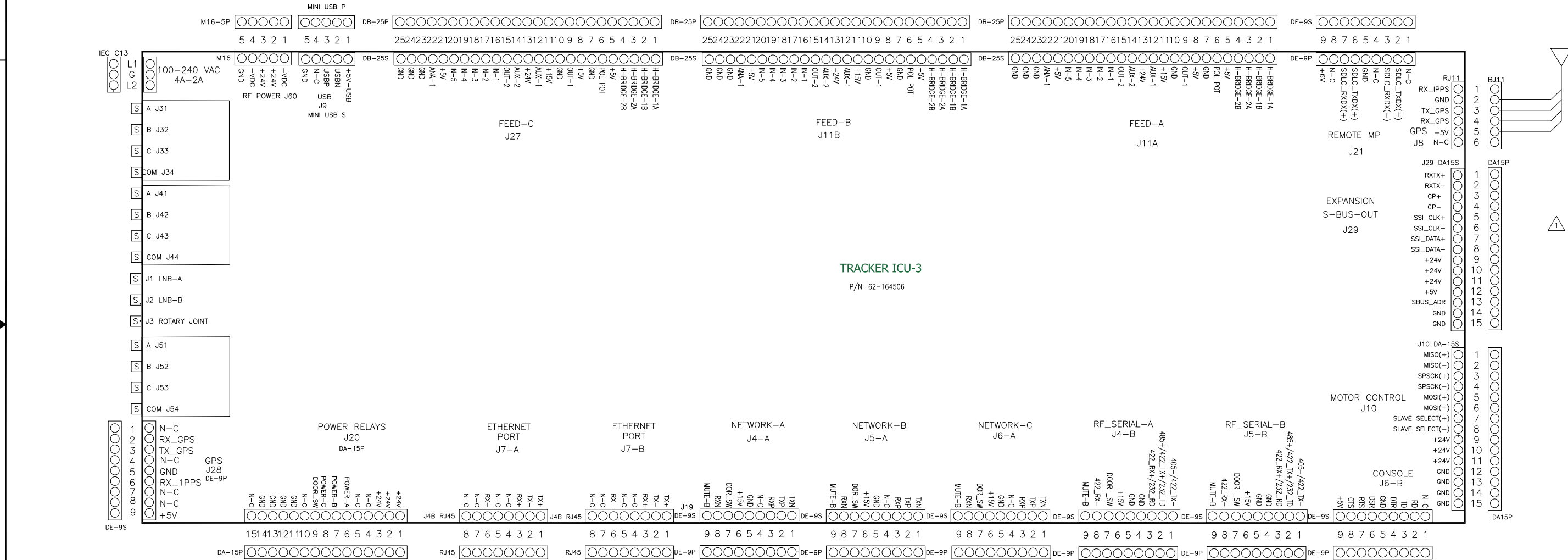
A

D

C

B

A



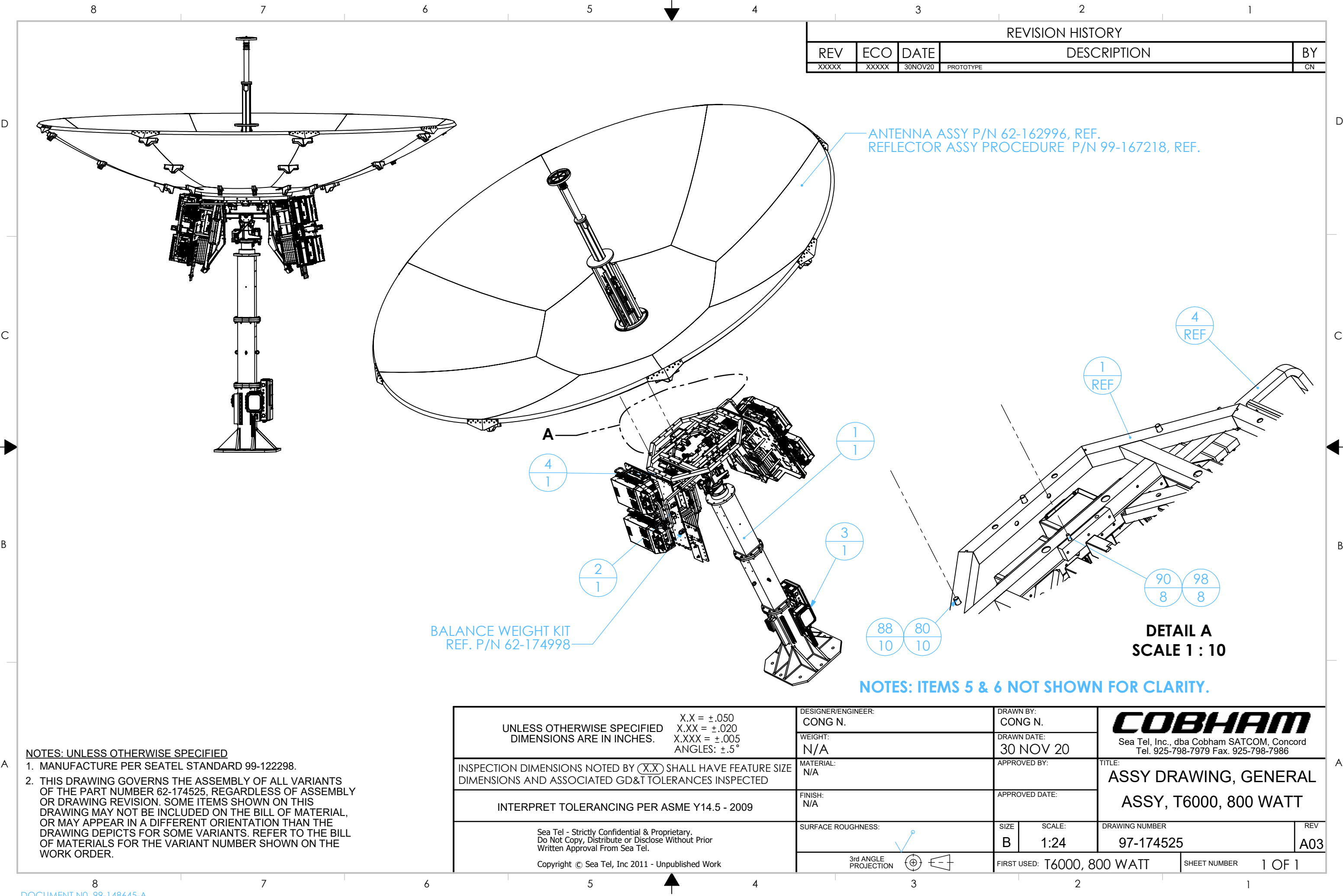
SIZE	SCALE:	DRAWING NUMBER:	VER:
B	NONE	93-174525	A
SHEET NUMBER:			7 OF 7

ORACLE BOM Explosion Report

Item Number: 62-174525
Description: GENERAL ASSY, T6000 800 WATT
Item Revision: A.26 ECO-00038953
Date as of: 03/24/2021 06:36:42 AM PDT

Find Num	Qty	Inventory Unit (LN6)	Number	Rev	Description / Title	BOM Notes
0	REF	pcs	97-174525	A.03 ECO-00039369	ASSY DRAWING, T6000, 800 WATT	
1	1	pcs	62-174526	A.07 ECO-00038786	PEDESTAL ASSY, T6000, 800 WATT	
2	1	pcs	62-174531	A.08 ECO-00039304	ELECT. EQUIP. FRAME ASSY, T6000 800W	
3	1	pcs	62-174534	A.02 ECO-00039087	ELECT. EQUIP. PEDESTAL ASSY, T6000 800W	
4	1	pcs	62-174535	A.05 ECO-00038911	TX WAVEGUIDE RUN KIT, T6000 800W	
5	1	ea	62-175119	A.01 ECO-00038243	BRACKET KIT, SERVICE, T6000 800W	NOT SHOWN
6	1	pcs	62-175087	A ECO-00038120	LABEL INSTALLATION, TRACKER 6000 800W	NOT SHOWN
10	1	ea	62-175222	A.02 ECO-00039371	HARDWARE KIT, FIELD INSTALLATION, T6000 800W	NOT SHOWN
80	10	ea	51-207532-000	MCO-00044396	SCREW, SOCKET HD, 5/8-11, 1 INCH LONG, SS	
88	10	ea	114580-035	MCO-00012113	WASHER, FLAT, 5/8, SS.	
90	8	ea	51-207531-000	MCO-00044395	SCREW, SOCKET HD, 3/8-24, 2-3/4 LONG, SS	
98	8	ea	114580-031	MCO-00012114	WASHER, FLAT, 3/8, SS.	
99	1	ea	37-131383-A	03 ECO-00037654	GARMIN GPS MODULE, SERIAL, RJ-12, 190"	NOT SHOWN
		pcs	62-174525	A.26 ECO-00038953	GENERAL ASSY, T6000 800 WATT	

Created By: Mike Needham
Create Time: 03/24/2021 06:37:52 AM PDT



REVISION HISTORY				
REV	ECO	DATE	DESCRIPTION	BY
XXXXX	XXXXX	30NOV20	PROTOTYPE	CN

ANTENNA ASSY P/N 62-162996, REF.
REFLECTOR ASSY PROCEDURE P/N 99-167218, REF.

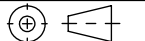
BALANCE WEIGHT KIT
REF. P/N 62-174998

DETAIL A
SCALE 1 : 10

NOTES: ITEMS 5 & 6 NOT SHOWN FOR CLARITY.

NOTES: UNLESS OTHERWISE SPECIFIED

1. MANUFACTURE PER SEATEL STANDARD 99-122298.
2. THIS DRAWING GOVERNS THE ASSEMBLY OF ALL VARIANTS OF THE PART NUMBER 62-174525, REGARDLESS OF ASSEMBLY OR DRAWING REVISION. SOME ITEMS SHOWN ON THIS DRAWING MAY NOT BE INCLUDED ON THE BILL OF MATERIAL, OR MAY APPEAR IN A DIFFERENT ORIENTATION THAN THE DRAWING DEPICTS FOR SOME VARIANTS. REFER TO THE BILL OF MATERIALS FOR THE VARIANT NUMBER SHOWN ON THE WORK ORDER.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.	X.X = ±.050 X.XX = ±.020 X.XXX = ±.005 ANGLES: ±.5°	DESIGNER/ENGINEER: CONG N.	DRAWN BY: CONG N.		COBHAM Sea Tel, Inc., dba Cobham SATCOM, Concord Tel. 925-798-7979 Fax. 925-798-7986		
	WEIGHT: N/A	DRAWN DATE: 30 NOV 20					
INSPECTION DIMENSIONS NOTED BY (X.X) SHALL HAVE FEATURE SIZE DIMENSIONS AND ASSOCIATED GD&T TOLERANCES INSPECTED	MATERIAL: N/A	APPROVED BY:		TITLE: ASSY DRAWING, GENERAL ASSY, T6000, 800 WATT			
INTERPRET TOLERANCING PER ASME Y14.5 - 2009	FINISH: N/A	APPROVED DATE:					
Sea Tel - Strictly Confidential & Proprietary. Do Not Copy, Distribute or Disclose Without Prior Written Approval From Sea Tel. Copyright © Sea Tel, Inc 2011 - Unpublished Work	SURFACE ROUGHNESS: 	SIZE B	SCALE: 1:24	DRAWING NUMBER 97-174525			REV A03
		FIRST USED: T6000, 800 WATT			SHEET NUMBER 1 OF 1		

ORACLE BOM Explosion Report

Item Number: 62-174526
Description: PEDESTAL ASSY, T6000, 800 WATT
Item Revision: A.07 ECO-00038786
Date as of: 03/24/2021 06:36:42 AM PDT

Find Num	Qty	Inventory Unit (LN6)	Number	Rev	Description / Title	BOI
0	REF	pcs	97-174526	A ECO-00038191	DRAWING, PEDESTAL ASSY, T6000 800 WATT	
1	1	pcs	62-162998	A.04 MCO-00049343	BASE STAND ASSY, T6000	
2	1	pcs	62-174527	A.05 ECO-00038786	CANISTER ASSY, T6000 800W	
3	1	pcs	62-174530	A.02 ECO-00038755	EQUIPMENT FRAME ASSY, T6000 800W	
4	1	ea	41-166755-A	02 ECO-00038626	WELDMENT, MOUTING, REFLECTOR, T6000	
5	4	ea	41-166788-A	01 MCO-00049205	MOUNTING BLOCK, CENTER RING, REFLECTOR, T6000	
6	1	pcs	62-175328	A ECO-00038426	AZ CABLE KIT, TRACKER 6000 800W	NOT SHOWI
7	1	pcs	62-168967	A.02 MCO-00049343	SMA BANK, T6000	ONLY 2X BR
8	1	pcs	62-174528	A.02 ECO-00038783	APP, 10 POLE CABLE CONNECTOR KIT	
10	1	pcs	41-148283-A	02 MCO-00025304	BRACKET, POWERPOLE RECEPTICLE MOUNTING, 3 CIRCUIT	
40	44	in	41-207805-375	MCO-00047497	ROPE, 0.375 IN, SHOCK ABSORBING, NYLON	
41	1	pcs	52-207108-018	MCO-00020648	NUT, OVAL EYE, 1/2-13 THREAD	
42	2	in	120117-080	MCO-00012113	HEAT SHRINK, 1/2 DIA, BLK, SUMITUBE B2	
44	1	pcs	51-207506-000	MCO-00042884	SCREW SET M10X40mm CPSS,316 SS	
50	12	ea	119973-148	MCO-00012113	SCREW, SOCKET HD, M8 X 25, SS.	
58	12	ea	114580-270	MCO-00012113	WASHER, FLAT, M8, SS.	
60	6	pcs	51-207507-000	MCO-00042884	SCREW, SOCKET HEAD, M12 X 70, SS	
70	8	ea	51-207189-000	MCO-00012860	SCREW, SOCKET HD, GRADE 8 5/8-11 X 1 1/2 IN	
78	16	ea	53-207161-000	MCO-00044308	WASHER, FLAT, 5/8, SMALL OD 1.00", SS	
79	8	pcs	52-207086-000	MCO-00012861	NUT, COUPLING, 5/8-11 X 2 1/8, GRADE 8 STEEL	
80	2	pcs	51-207298-000	MCO-00020848	SCREW, SOCKET HEAD, M3 X 35, SS	
88	4	ea	114580-215	MCO-00012113	WASHER, FLAT, M3, SMALL PATTERN, SS.	

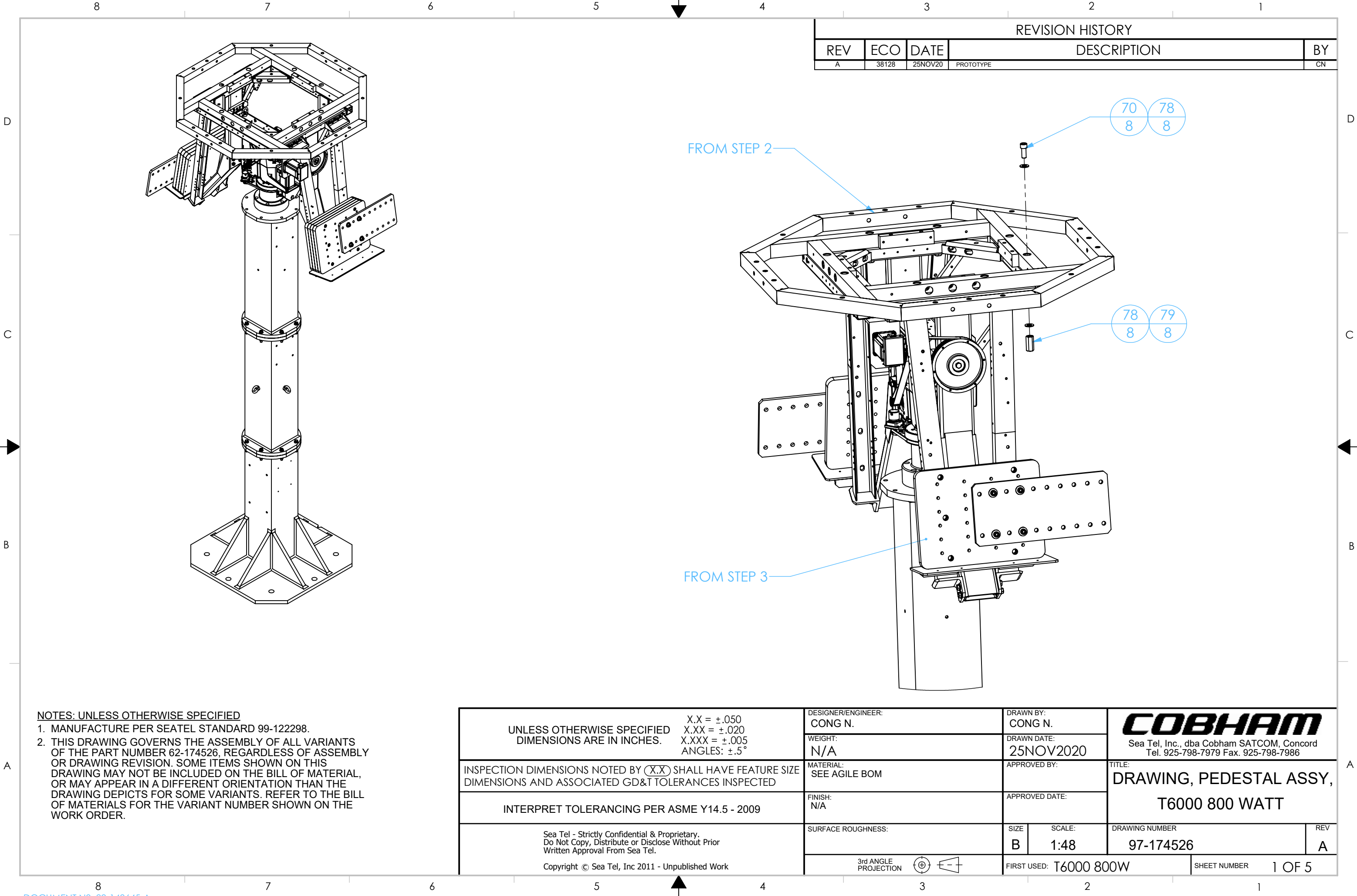
Created By: Mike Needham
Create Time: 03/24/2021 06:37:52 AM PDT

ORACLE BOM Explosion Report

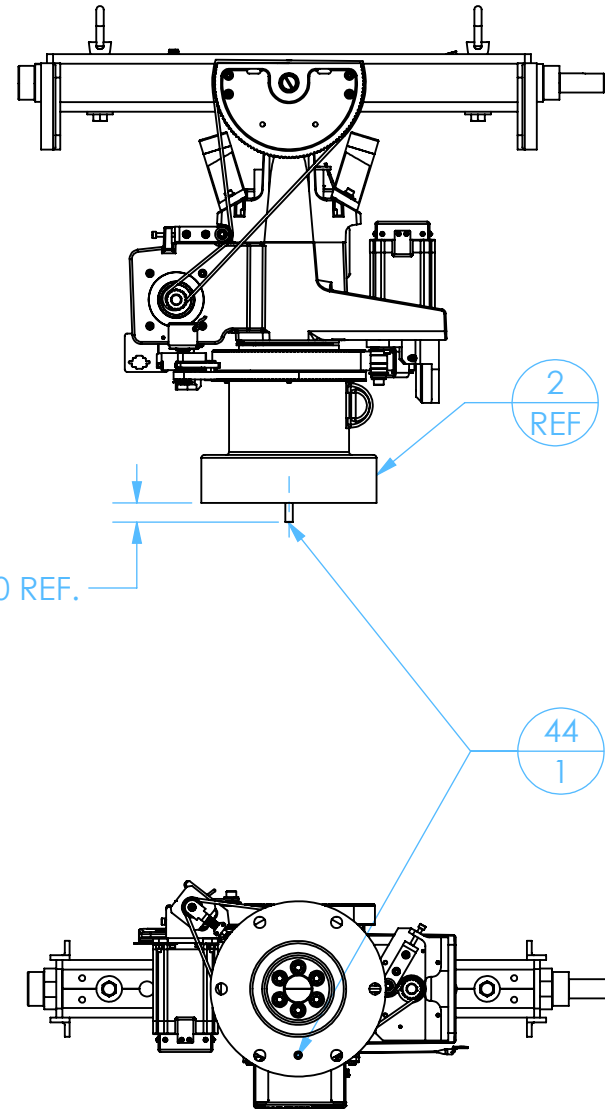
Item Number: 62-174526
Description: PEDESTAL ASSY, T6000, 800 WATT
Item Revision: A.07 ECO-00038786
Date as of: 03/24/2021 06:36:42 AM PDT

Find Num	Qty	Inventory Unit (LN6)	Number	Rev	Description / Title	BOM Notes
89	2	ea	120089-211	MCO-00023264	NUT, HEX, M3, SS.	
90	4	ea	114622-546	MCO-00012113	SCREW, HEX HD, FULL THRD, 1/4-20 x 1-1/2, SS.	
98	8	ea	114580-029	MCO-00012113	WASHER, FLAT, 1/4, SS.	
99	4	ea	114583-029	MCO-00012113	NUT, HEX, 1/4-20, SS.	
		pcs	62-174526	A.07 ECO-00038786	PEDESTAL ASSY, T6000, 800 WATT	

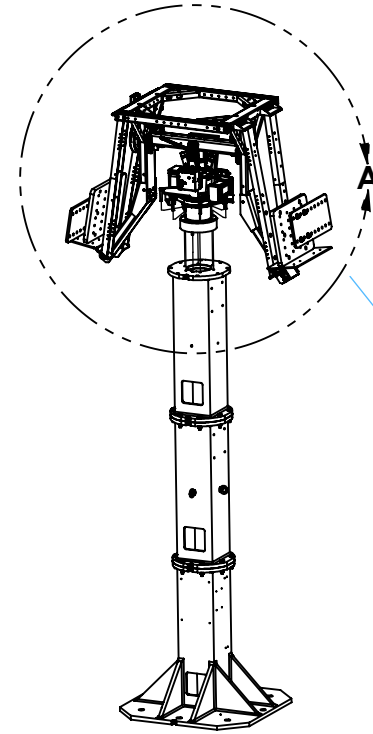
Created By: Mike Needham
Create Time: 03/24/2021 06:37:52 AM PDT



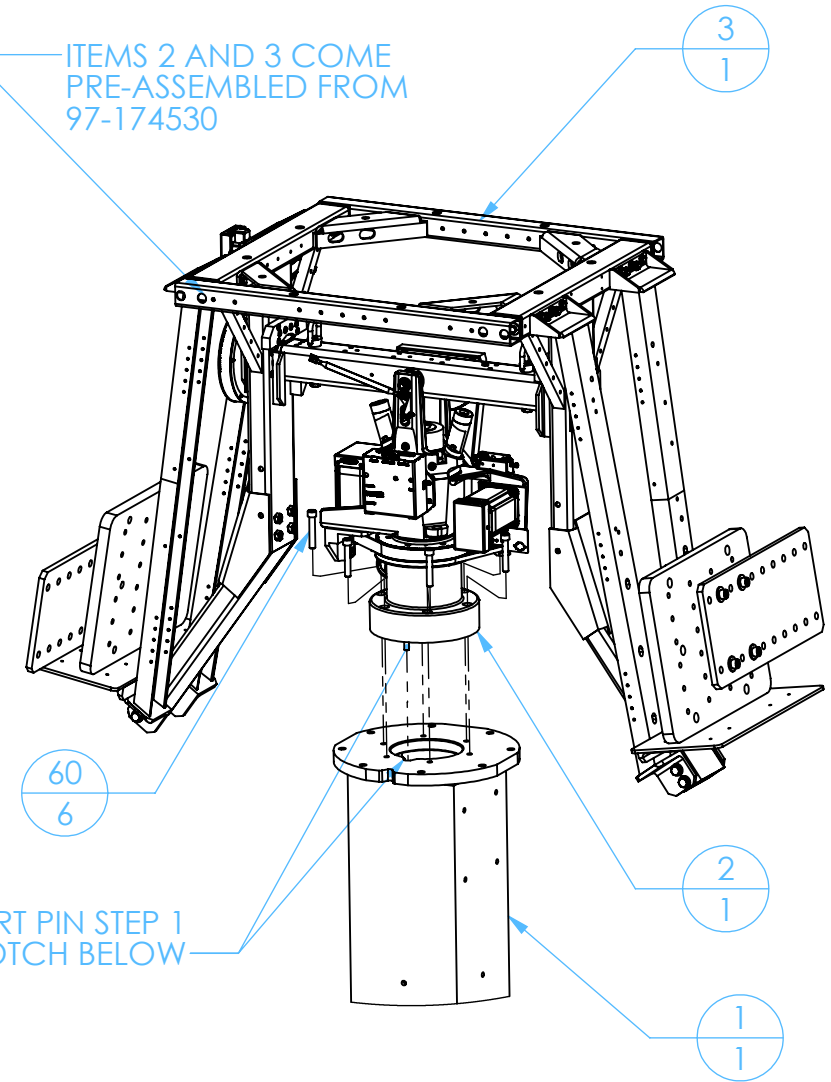
STEP 1



STEP 3



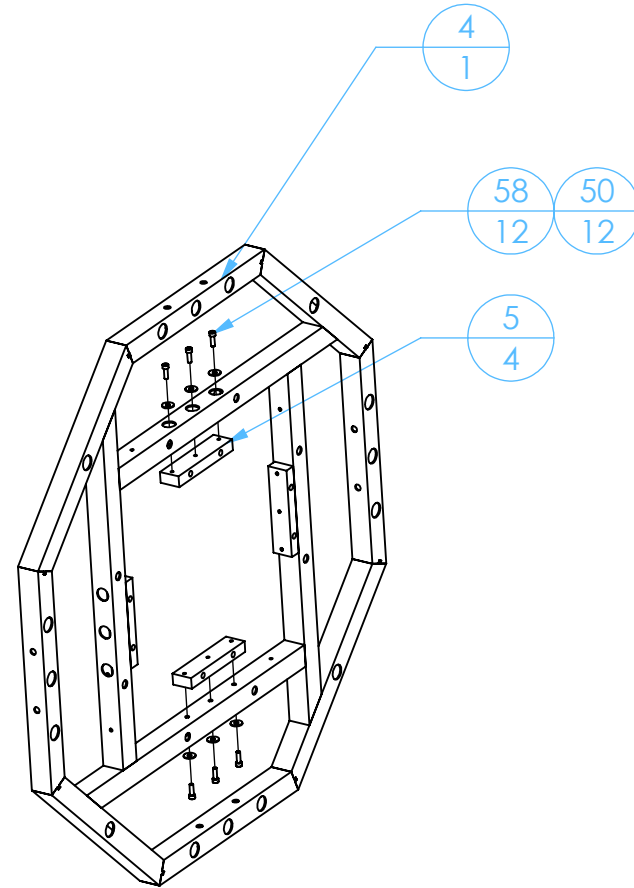
ITEMS 2 AND 3 COME
PRE-ASSEMBLED FROM
97-174530



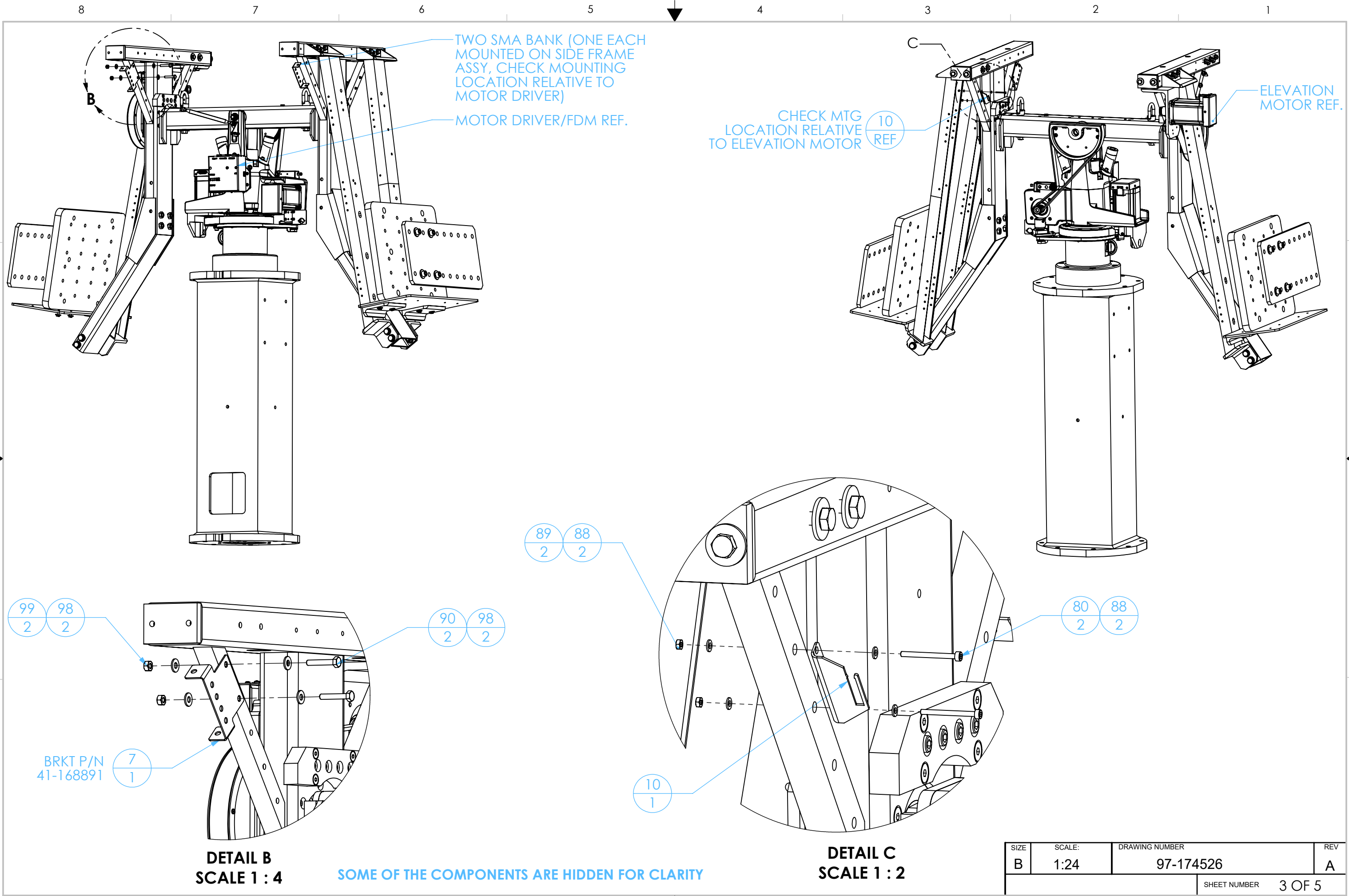
INSERT PIN STEP 1
IN ALIGNMENT NOTCH BELOW

DETAIL A
SCALE 1 : 16

STEP 2



SIZE	SCALE:	DRAWING NUMBER	REV
B	1:48	97-174526	A
		SHEET NUMBER	2 OF 5

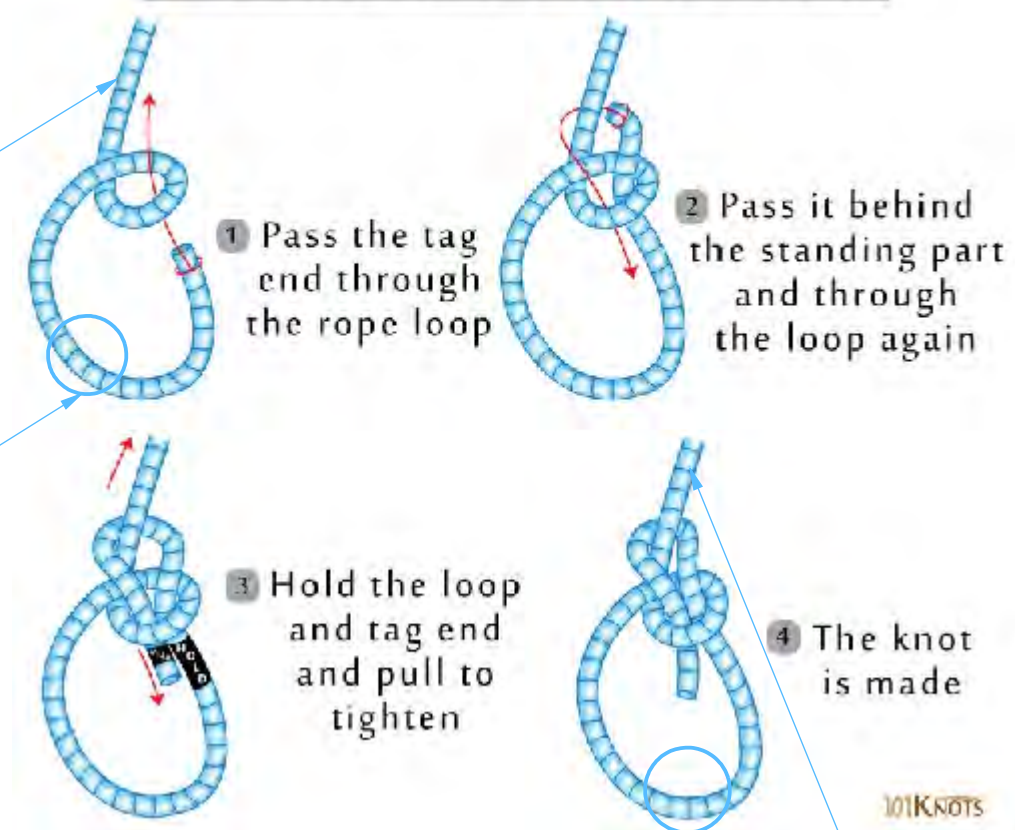




STEP-1

- CUT APPROX. 44" ROPE ITEM 40.
- TIE ONE END (SEE BOWLINE KNOT INSTRUCTIONS) OF ROPE TO TIE-DOWN RING (ITEM-47,ASSEMBLY 62-163002) AND PASS OTHER END FROM AZ TENSIONER BRACKET (41-163047-A).
- HEAT SHRINK (120117-080, ITEM 42)ROPE END (THE ONE THAT IS RING SIDE- SEE IMAGE).

Bowline Knot Directions



THIS END TOWARDS AZ
TENSIONER BRACKET
(NOT SHOWN)

TIE-DOWN RING SIDE
(NOT SHOWN)

SIZE	SCALE:	DRAWING NUMBER	REV
B	1:48	97-174526	A
		SHEET NUMBER	4 OF 5



STEP-2
-PASS OTHER END (LOOSE END) FROM EYE NUT AND MAKE A BOWLINE KNOT.



(40)

(41)

(42)

1" HEAT SHRINK/
YELLOW TAPE



STEP-3
-ROTATE CANISTER ASSEMBLY ONE COMPLETE REVOLUTION TO CHECK CORRECT ROPE SIZE.
-CANISTER SHOULD BE ABLE TO MAKE AT LEAST ONE COMPLETE REVOLUTION AND NOT MORE. IF CANISTER EXCEED ONE ROTATION, UNTIE AND RE-DO STEP-2.

SIZE	SCALE:	DRAWING NUMBER	REV
B	1:48	97-174526	A
		SHEET NUMBER	5 OF 5

ORACLE BOM Explosion Report

Item Number: 62-174534

Description: ELECT. EQUIP. PEDESTAL ASSY, T6000 800W

Item Revision: A.02 ECO-00039087

Date as of: 03/24/2021 06:36:42 AM PDT

Find Num	Qty	Inventory Unit (LN6)	Number	Rev	Description / Title	BOM Notes
0	REF	pcs	97-174534	A.01 ECO-00039087	MOUNTING ELECT. EQUIP PEDESTAL ASSY, T6000 800W	
1	1	pcs	62-174825	A.06 ECO-00039444	IF INTERFACE & 10MHz DISTRIBUTION ASSY, T6000,800W	
2	1	pcs	62-173278	A.04 ECO-00039316	CIRCUIT BREAKER ASSY, 3 PHASE 32 AMP, T6000, 800W	
3	1	pcs	62-166653	A.04 ECO-00036750	SAFETY CIRCUIT INTERFACE BOX ASSY	
4	1	pcs	62-167225	A MCO-00049240	POWER STRIP KIT, 2 POLE 10A CB, 6 IEC C13 OUTPUT	
5	1	pcs	62-167226	A.01 MCO-00049240	UNISTRUT KIT, 1 5/8 X 1 5/8 CHANNEL 18IN LG, 304S	
6	1	pcs	62-175580	A.01 ECO-00039183	POWER QUALITY MONITOR SUB ASS'Y	
10	1	pcs	41-174980-A	02 ECO-00039052	PLATE STANDOFF, ENCLOSURE CIRCUIT BREAKER	
20	8	ea	119973-134	MCO-00012113	SCREW, SOCKET HD, M6 X 12, SS.	
21	4	ea	119973-135	MCO-00012113	SCREW, SOCKET HD, M6 X 16, SS.	
22	2	ea	119973-139	MCO-00012113	SCREW, SOCKET HD, M6 X 30, SS.	
26	4	ea	119973-128	MCO-00030005	SCREW, SOCKET HD, M5 X 20, SS.	
27	4	ea	119973-129	MCO-00012113	SCREW, SOCKET HD, M5 X 25, SS.	
30	8	ea	131552-150	MCO-00012113	WASHER, FENDER, M6, 18-8 SS. (18MM OD)	
31	6	ea	09C000794	MCO-00013956	M6 LOCK WASHER,11.8MM O.D.,18-8 S.S	
32	4	ea	114580-240	MCO-00012113	WASHER, FLAT, M5, SS.	
33	8	pcs	114580-450	MCO-00012544	WASHER, SMALL PATTERN, M6, SS	
36	2	ea	120089-251	MCO-00047258	NUT, HEX, M6, SS.	
37	4	ea	114581-240	MCO-00012113	WASHER, LOCK, M5, SS.	
40	4	ea	51-207519-000	MCO-00044128	SCREW M12-1.25 X 25MM L SHCS 304SS	
45	4	ea	140150-290	MCO-00012115	WASHER, FLAT, M12, STEEL ZINC PLATED	
		pcs	62-174534	A.02 ECO-00039087	ELECT. EQUIP. PEDESTAL ASSY, T6000 800W	

Created By: Mike Needham

Create Time: 03/24/2021 06:37:52 AM PDT

REVISION HISTORY				
REV	ECO	DATE	DESCRIPTION	BY
XX	XXXXX	XXXXXX	XXXXX	XX

31
4

30
4

21
4

2
1

1
1

20
4

33
4

36
2

31
2

30
4

22
2

6
1

3
1

26
4

REMOVE LID &
FASTEN TO PEDESTAL

4
1

20
4

33
4

37
4

32
4

27
4

10
1

45
4

40
4

5
1

OPENING LOCATION,

FOR CLARITY ONLY THE BOTTOM OF PEDESTAL SHOWN

OPENING LOCATION,
NEAR SIDE

NOTES: UNLESS OTHERWISE SPECIFIED

1. MANUFACTURE PER SEATEL STANDARD 99-122298.
2. THIS DRAWING GOVERNS THE ASSEMBLY OF ALL VARIANTS OF THE PART NUMBER 62-174534, REGARDLESS OF ASSEMBLY OR DRAWING REVISION. SOME ITEMS SHOWN ON THIS DRAWING MAY NOT BE INCLUDED ON THE BILL OF MATERIAL, OR MAY APPEAR IN A DIFFERENT ORIENTATION THAN THE DRAWING DEPICTS FOR SOME VARIANTS. REFER TO THE BILL OF MATERIALS FOR THE VARIANT NUMBER SHOWN ON THE WORK ORDER.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.	X.X = ±.050 X.XX = ±.020 X.XXX = ±.005 ANGLES: ±.5°	DESIGNER/ENGINEER: CONG N.	DRAWN BY: CONG N.		COBHAM Sea Tel, Inc., dba Cobham SATCOM, Concord Tel. 925-798-7979 Fax. 925-798-7986		
		WEIGHT: N/A	DRAWN DATE: 11/30/2020				
INSPECTION DIMENSIONS NOTED BY (X.X) SHALL HAVE FEATURE SIZE DIMENSIONS AND ASSOCIATED GD&T TOLERANCES INSPECTED		MATERIAL: SEE BOM	APPROVED BY:		TITLE: ASSY DWG, ELECT. EQUIP. PEDESTAL ASSY, T6000 800W		
INTERPRET TOLERANCING PER ASME Y14.5 - 2009		FINISH: N/A	APPROVED DATE:				
Sea Tel - Strictly Confidential & Proprietary. Do Not Copy, Distribute or Disclose Without Prior Written Approval From Sea Tel. Copyright © Sea Tel, Inc 2011 - Unpublished Work		SURFACE ROUGHNESS:	SIZE	SCALE:	DRAWING NUMBER		REV
		3rd ANGLE PROJECTION	B	1:8	97-174534		A01
			FIRST USED: T6000 800 W		SHEET NUMBER 1 OF 1		