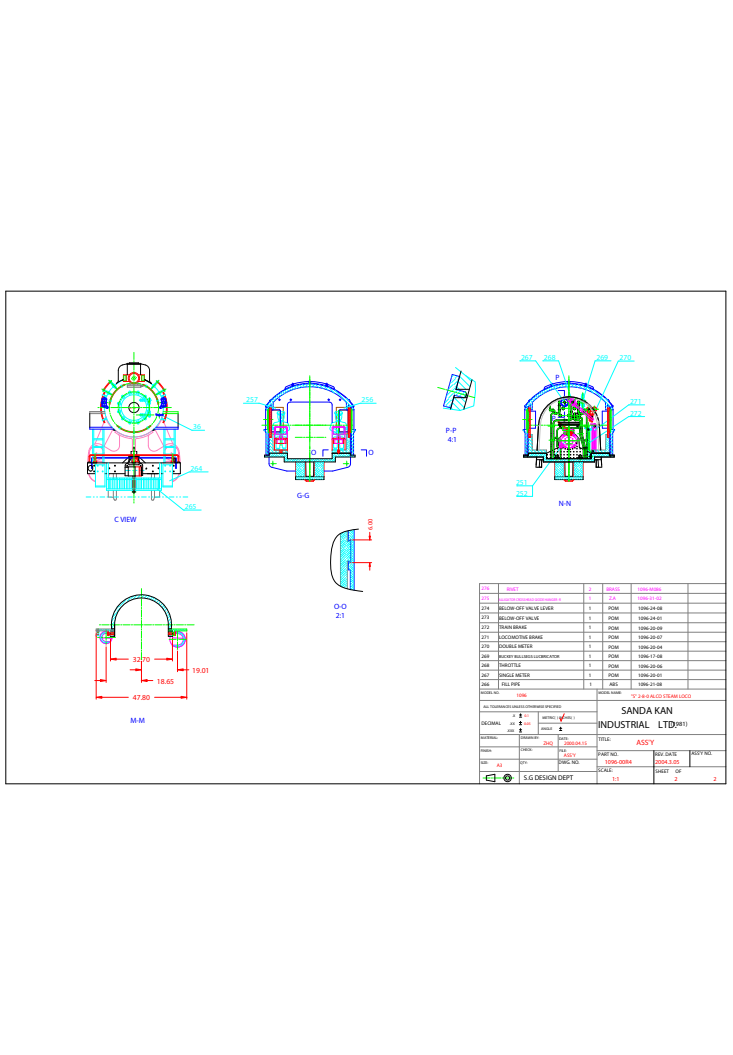

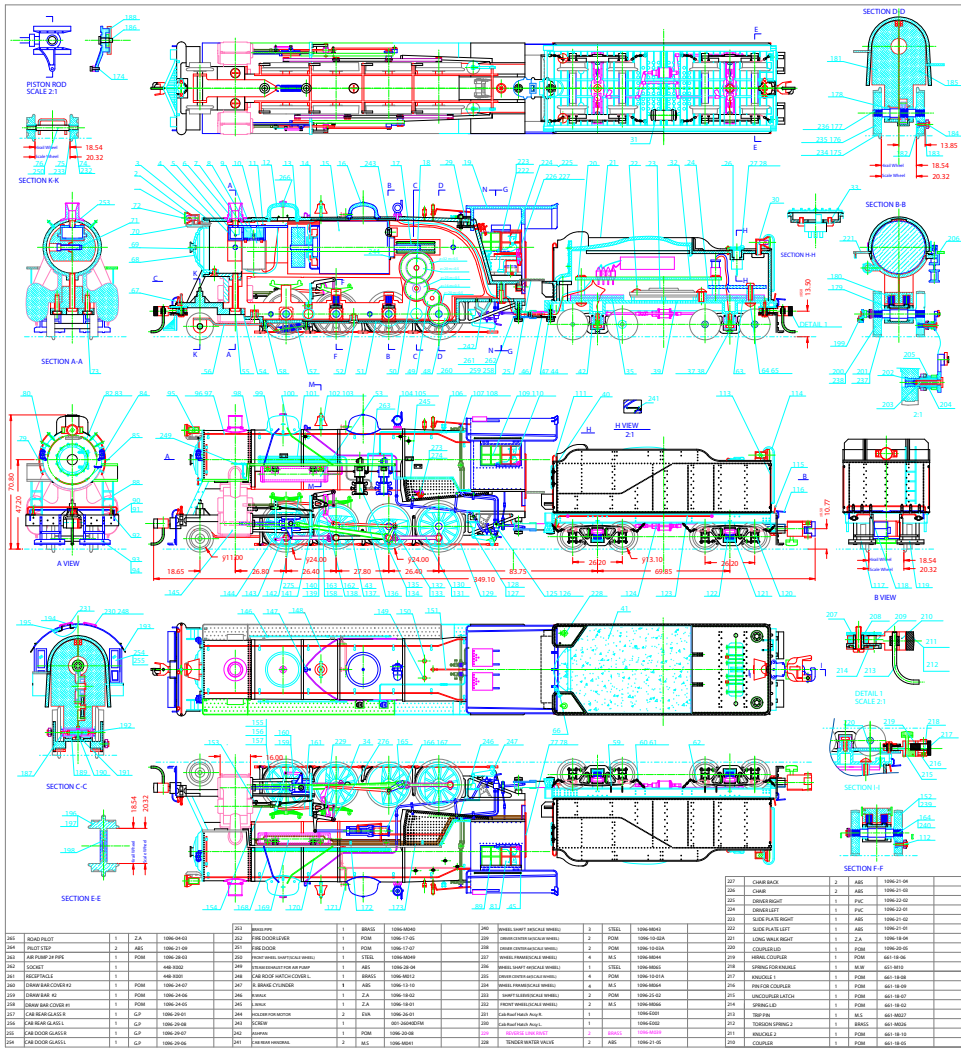

NO	DESCRIPTION	QTY	MATL	PART NO	REMARS
276	RIVET	2	BRASS	1096-00086	
275	ROCKER ARM WITH BUSH HANGER 2	1	Z.A	1096-01-02	
274	BELOW OFF VALVE LEVER	1	POM	1096-24-08	
273	BELOW OFF VALVE	1	POM	1096-24-01	
272	TRAIN BRAKE	1	POM	1096-20-09	
271	LOCOMOTIVE BRAKE	1	POM	1096-20-07	
270	DOUBLE METER	1	POM	1096-20-04	
269	RUCKEY BULLBULS LUCBRICATOR	1	POM	1096-17-08	
268	THROTTLE	1	POM	1096-20-06	
267	SINGLE METER	1	POM	1096-20-01	
266	FILL PIPE	1	ABS	1096-21-08	

MODEL NO: 1096
MODEL NAME: "2'-2-8-0-ALCO STEAM LOCO"
ALL TOLERANCES UNLESS OTHERWISE SPECIFIED
DECIMAL .X ±0.1 .XX ± .XXX ± ANGLE ±
METRIC (MM) (INCH)
MATERIAL: DRAWN BY: ZHQ DATE: 2003.04.15
Finish: CHECK: APP: ASS'Y
SIZE: A3 QTY: DWG. NO: 1096-00084
SCALE: 1:1 SHEET OF 2 2
S.G DESIGN DEPT
SANDA KAN INDUSTRIAL LTD(081)
TITLE: ASS'Y
PART NO. 1096-00084 REV. DATE 2004.3.05 ASSY NO.

NO	DESCRIPTION	QTY	MATL	PART NO	REMARS
209	TORSION SPRING 1	1	M.W	661-M605	
208	DRAFT GEAR BOX	1	POM	661-18-01	
207	COUPLER LID	1	POM	661-18-03	
206	LONG HANDRAIL LEFT	1	Z.A	1096-10-03	
205	STEEL SLEEVE LONG	2	STEEL	1096-M074	
204	STEEL SLEEVE SHORT	2	STEEL	1096-M073	
203	CRANK SCREW	2	M.S	1096-M072	
202	BRASS NUTS LONG	2	BRASS	1096-M071	
201	WHEEL FRAME	4	M.S	1096-M070	
200	DRIVER CENTER 1#	2	POM	1096-10-03	
199	CLEVIS PIN	2	BRASS	1096-M069	
198	SHAFT SLEEVE	4	POM	1096-21-03	
197	CODE-110 SCALE WHEEL	8	BRASS	650-M085R1	
196	WIRAL WHEEL	8	BRASS	650-M085R1	
195	CAB ROOF Hatch Plate	2	BRASS	1096-M013	
194	CAB ROOF HATCH COVER R.	1	BRASS	1096-M011	
193	SHADE PLATE	2	BRASS	1096-M063	
192	ELECTRIC CONTACT SPRING	4	S.W	1096-M062	
191	PLUG	2		1096-R005	
190	INSULATE COVER	4	PC	1096-19-04	
189	INSULATE SLEEVE	4	PC	1096-19-06	
188	FECTOSIA PLATE	2	BRASS	1096-M061	
187	ELECTRIC CONTACT SHANT	4	F.BRASS	1096-M056	
186	CROSSHEAD GUIDE PART	2	BRASS	1096-M068	
185	CHASSIS LEFT	1	Z.A	1096-02-02	
184	SCREW	6	M.S	1096-M060	
183	WASHER	8	M.S	1096-M059	
182	BRASS NUT SHORT	6	BRASS	1096-M058	
181	CHASSIS RIGHT	1	Z.A	1096-02-01	
180	WHEEL SPRING	4	S.W	1096-M057	
179	BUSH SUPPORT	2	POM	1096-21-05	
178	AXLE BUSH	8	B16-M0205B2		
177	WHEEL SHAFT 2#	1	STEEL	1096-M055	
176	DRIVER CENTER 1#	4	POM	1096-10-01	
175	WHEEL FRAME	4	M.S	1096-M054	
174	RIVET	10	BRASS	1096-M077	
173	WIRE PIPE 5#	1	M.S	1096-M053	
172	AIR PIPE HOLDER	4	POM	1096-21-07	
171	STEAM SUPPLY FROM STEAM DOME	1	POM	1096-17-04	
170	WIRE PIPE 4#	1	M.S	1096-M052	
169	K. AIR RESERVOIR	1	ABS	1096-13-02	
168	WIRE PIPE 3#	1	M.S	1096-M051	
167	Power Reverse Control Rod	1	POM	1096-17-06	
166	POWER REVERSE	1	ABS	1096-07-11	
165	ECCENTRIC CRANK II	1	Z.A	1096-23-03	
164	WHEEL SHAFT 1#	3	STEEL	1096-M076	
163	SIDE ROD 1#	1	S.S	1096-M084	
162	WALSCHAERT REVERSE LINK #2	2	Z.A	1096-23-05	
161	RADIUS ROD	2	CHANNEL STEEL	1096-M004	
160	RIGHT ALLIGATOR CROSSHEAD	1	Z.A	1096-23-09	
159	LEFT ALLIGATOR CROSSHEAD	1	Z.A	1096-23-08	
158	SIDE ROD 6#	1	S.S	1096-M085	
157	SCREW	4		001-1M0MEDPM	
156	R. CROSSHEAD GUIDES	1	Z.A	1096-22-07	
155	L. CROSSHEAD GUIDES	1	Z.A	1096-22-06	
154	VALVE STEAM ROD	2	POM	1096-21-11	
153	VALVE STEAM GUIDE	2	POM	1096-21-10	
152	DRIVER CENTER 2#	2	POM	1096-10-02	
151	WHISTLE	1	POM	1096-20-03	
150	RELIEF VALVE 2#	1	ABS	1096-11-02	
149	RELIEF VALVE 1#	1	ABS	1096-11-04	
148	BOILER FEED PIPE	1	M.S	1096-M047	
147	BOILER CHECK VALVE	1	POM	1096-20-02	
146	HEAT EXCHANGE PIPE 8.	1	POM	1096-12-02	
145	CYLINDER	1	Z.A	1096-05-01	
144	SMALL ROD 2#	2	CHANNEL STEEL	1096-M046	
143	SMALL ROD 1#	2	CHANNEL STEEL	1096-M045	
142	LEAF SPRING	4	POM	1096-25-06	
141	ELASTIC FOR CROSSHEAD GUIDE WASHER 2	1	Z.A	1096-21-01	
140	R. WALSCHAERT VALVE GEAR HANGER	1	ABS	1096-11-02	
139	L. WALSCHAERT VALVE GEAR HANGER	1	ABS	1096-11-01	
138	RIN.SCHAERT REVERSE LINK #1	2	Z.A	1096-23-04	
137	SIDE ROD 3#	1	S.S	1096-M082	
136	MAIN ROD	2	S.S	1096-M079	
135	AIR PUMP 2#	1	ABS	1096-07-02	
134	AIR PUMP 1#	1	ABS	1096-07-01	
133	CRANK ROD	2	CHANNEL STEEL	1096-M042	
132	ECCENTRIC CRANK I.	1	Z.A	1096-23-02	
131	SIDE ROD 2#	1	S.S	1096-M081	
130	SIDE ROD 1#	1	S.S	1096-M080	
129	BRAKE ROD	1	POM	1096-28-01	
128	BRAKE CYLINDER#2#	2	ABS	1096-13-09	
127	L. BRAKE CYLINDER	1	ABS	1096-13-08	
126	R.VARCODER(ROLLER PIN) ELECTORE AND SPRING	1	POM	1096-12-04	
125	L.VARCODER(ROLLER PIN) ELECTORE AND SPRING	1	POM	1096-12-03	
124	TENDER BRAKE	1	ABS	1096-21-06	
123	TENDER BRAKE PIPE	1	M.S	1096-M038	
122	TRUCK SPRING	8	S.W	1096-M037	
121	SPRING BASE	4	POM	1096-25-09	
120	TENDER TRUCK	4	Z.A	1096-16-01	
119	R. TENDER STEP	1	ABS	1096-13-06	
118	TENDER GRAB	2	M.S	1096-M036	
117	L. TENDER STEP	1	ABS	1096-13-05	
116	TENDER LEFT BAR	1	M.S	B096-M035	
115	TENDER LEFT BAR HANDRAIL	1	M.S	1096-M034	
114	TENDER LADDER	1	POM	1096-17-09	
113	TENDER HANDRAIL BEAR	2	M.S	1096-M032	
112	SCREW	2	M.S	1096-M075	
111	TENDER HANDRAIL FRONT	2	M.S	1096-M031	
110	L. CAB GLASS(MOVE)	1	GP	1096-29-05	
109	L. CAB GLASS	1	GP	1096-29-04	
108	HAND WHEEL	2	POM	1096-25-08	
107	STEAM TURBITE BUCKET WALVES	1	POM	1096-17-02	
106	COMPRESSOR STEAM SUPPLY PIPE	1	POM	1096-17-01	
105	GENERATOR BRACKET	1	ABS	1096-07-06	
104	GENERATOR	1	ABS	1096-07-05	
103	BEEL	1	BRASS	1096-M030	
102	BEEL BASE	1	POM	1096-17-03	
101	HEAT EXCHANGE PIPE L.	1	POM	1096-12-01	
100	WIRE PIPE 2#	1	M.S	1096-M029	
99	WIRE PIPE 1#	1	M.S	1096-M028	
98	PIPE (BEHIND STACK)	1	M.S	1096-M027	
97	LONG HANDRAIL STATION	14	BRASS	1096-M026	
96	LONG HANDRAIL	2	M.S	1096-M025	
95	NUMBER PLATE	4	PC	1096-19-03	
94	R. PILOT STEP	1	ABS	1096-13-04	
93	L. PILOT STEP	1	ABS	1096-13-03	
92	LIFT BAR	1	M.S	1096-M024	
91	PILOT HANDRAIL STATION	1	BRASS	1096-M022	
90	PILOT HANDRAIL	1	M.S	1096-M022	
89	R. CAB GLASS	1	GP	1096-29-03	
88	RUNNING BOARD STAIRS	2	ABS	1096-07-10	
87					
86					
85	Boiler Cover Handrail Down	1	M.S	1096-M021	
84	LIGAT MARKER LEFT	1	ABS	1096-07-08	
83	HANDERAIL BASE	13	BRASS	1096-M020	
82	BOILER COVER HANDRAIL	2	M.S	1096-M019	
81	R. CAB GLASS(MOVE)	1	GP	1096-29-02	
80	LIGAT MARKER RIGHT	1	ABS	1096-07-07	
79	BOILER HANDRAIL SHORT	2	M.S	1096-M067	
78	CAB HANDRAIL R.	1	M.S	1096-M050	
77	CAB HANDRAIL L.	1	M.S	1096-M018	
76	FRONT WHEEL SHAFT	1	STEEL	1096-M017	
75	SHAFT SLEEVE(WIRAL WHEEL)	2	POM	1096-25-01	
74	FRONT WHEEL(WIRAL WHEEL)	2	BRASS	1096-M016	
73	SCREW	2	M.S	001-3G24N0MM	
72	BULB 12V (@2.0P°5)	2			
71	SCREW	4	M.S	001-2G010DPM	
70	HEADLIGHT BRACKET	1	ABS	1096-07-04	
69	NUMBER PLATE	1	ABS	1096-07-03	
68	SMOKE BOX FRONT	1	Z.A	1096-04-01	
67	LIFT BAR STATION	3	BRASS	1096-M015	
66	BRAKE WHEEL	1	POM	1096-28-02	
65	SCREW	4		001-2G060DPM	
64	NUT	4		001-2G0NNUT	
63	WEIGHT BEAR	2	M.S	1096-M004	
62	CHAIN BASE	8	BRASS	1096-M010	
61	CHAIN	8		448-R8027	
60	SCREW RIVET	8		001-0T030ZRU	
59	REPAIRER COUPLER	4	M.S	1096-M014	
58	SCREW	2		001-1T030DPWB	
57	FRONT LEAD TRUCK SPRING	1	S.W	1096-M009	
56	FRONT LEAD TRUCK	1	M.S	1096-M008	
55	SCREW	1	M.S	001-2G100NBM	
54	PILOT FOOT BUNDOS	1	Z.A	1096-04-02	
53	L. AIR RESERVOIR	1	ABS	1096-13-01	
52	SCREW	2	M.S	001-2G040DPM	
51	UNDER FRAME	1	POM	1096-08-01	
50	GEAR 2/T	1	POM	1096-09-02	
49	GEAR 1/T	1	POM	1096-09-03	
48	GEAR 2/T	1	POM	1096-09-04	
47	WASHER	2	M.S	050-T101	
46	DRAW BAR #1	1	POM	1096-24-04	
45	CAB ROOF HANDRAIL	2	M.S	1096-M007	
44	SCREW	2		001-1M0EDPB	
43	SIDE ROD 4#	1	S.S	1096-M083	
42	TENDER TRUCK BOLSTER	2	POM	1096-25-04	
41	COAL	1	ABS	1096-27-01	
40	Tender Handrail Front 1#	2	M.S	1096-M005	
39	TENDER UNDER FRAME	1	ABS	1096-14-01	
38	TERMINAL	4		006-T10010-16	
37	SCREW	4		001-1H020DBR	
36	SMOKE BOX FRONT STEP	1	ABS	1096-21-10	
35	WEIGHT FRONT	2	M.S	1096-M003	
34	LIFTING LINE	2	CHAIN	1096-M078	
33	SCREW	2		001-2H060DPB	
32	PCB	1	FR4	1096-9004	
31	AIR TANK	1	ABS	1096-21-07	
30	SUNBEAM REARLIGHT	1	PC	1096-19-05	
29	PIECO PLATE	1	M.S	1096-M033	
28	WATER BOX COVER HOLDER	2	Z.A	1096-21-05	
27	WATER BOX COVER	1	ABS	1096-07-09	
26	SLIDE SWITCH	1		S31203	
25	STEP PLATE	1	ABS	1096-13-07	
24	PCB SOUND	1	FR4	1096-9003	
23	SPEAKER 1.5"	1			
22	SCREW	3		001-1T030DPWB	
21	TENDER BODY	1	ABS	1096-15-01	
20	SCREW	8		001-2G060DPB	
19	CAB	1	Z.A	1096-03-01	
18	GEAR 2/T.GOT	1	POM	1096-09-01	
17	WORM	1	MS	1096-8002	
16	STEAM DOME	1	Z.A	1096-03-02	
15	MOTOR	1		06-380SH-20150	
14	SLEEVE	1	POM	1096-24-02	
13	FLY	1	BRASS	1096-R8001	
12	SAND DOME	1	Z.A	1096-06-02	
11	SCREW	4		001-1G030DPM	
10	SCREW	2		001-1G010DPM	
9	MOTOR	1		06-130SH-20150 (TYPE-180SH)	
8	SMOKE PCB	1	FR4	1096-9002	
7	SMOKE CHAMBER FAN	1	POM	1096-24-03	
6	STACK	1	Z.A	1096-06-01	
5	SMOKE CHAMBER HEAT PIPE	1		1096-R001	
4	SMOKE CHAMBER	1	Z.A	1096-06-04	
3	BODY	1	Z.A	1096-01-01	
2	SUN BEAM HEADLIGHT	1	PC	1096-19-01	
1	SUN BEAM HEADLIGHT CLASS	2	PC	1096-19-02	

MODEL NO: 1096
MODEL NAME: "2'-2-8-0-ALCO STEAM LOCO"
ALL TOLERANCES UNLESS OTHERWISE SPECIFIED
DECIMAL .X ±0.1 .XX ± .XXX ± ANGLE ±
METRIC (MM) (INCH)
MATERIAL: DRAWN BY: ZHQ DATE: 2003.04.15
Finish: CHECK: APP: ASS'Y
SIZE: A14 QTY: DWG. NO: 1096-00084
SCALE: 1:1 SHEET OF 1 2
S.G DESIGN DEPT
SANDA KAN INDUSTRIAL LTD(081)
TITLE: ASS'Y
PART NO. 1096-00084 REV. DATE 2004.3.05 ASSY NO.