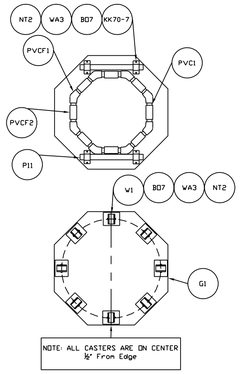
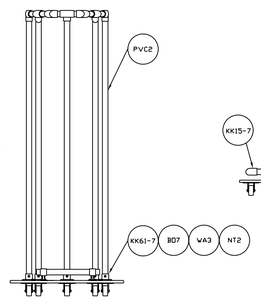
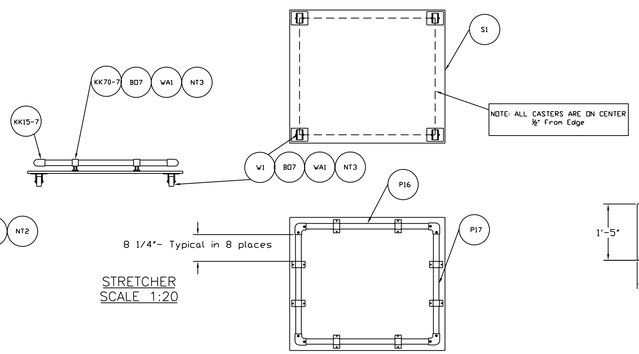
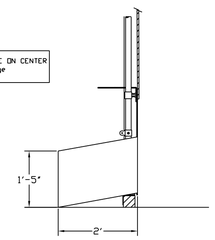


GOAL C–C
SCALE 1:20

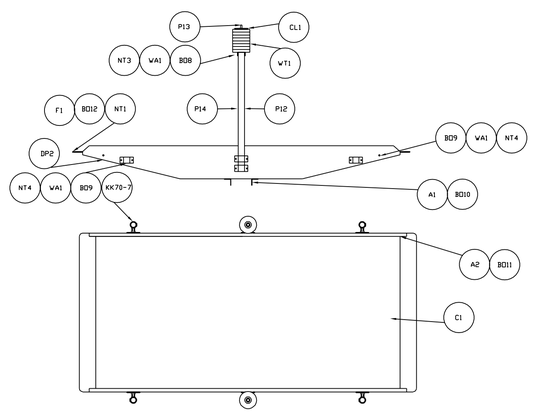




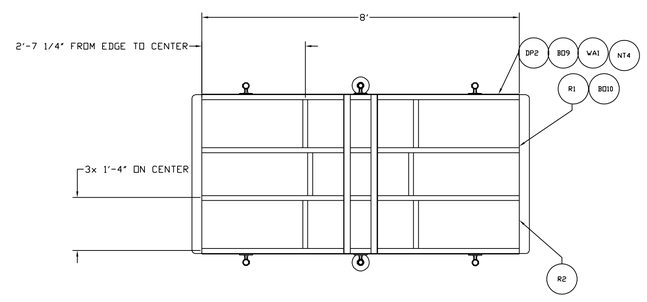
STRETCHER
SCALE 1:20



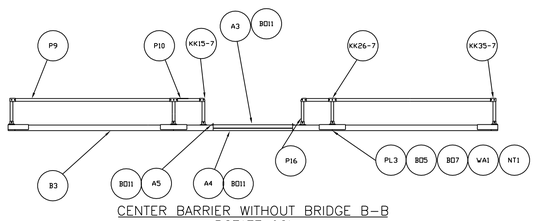
BALL CHUTE
SECTION D–D
SCALE 1:20



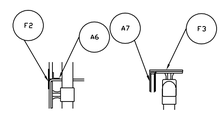
BRIDGE A–A
SCALE 1:20



BOTTOM VIEW OF BRIDGE
SCALE 1:20



CENTER BARRIER WITHOUT BRIDGE B–B
ROTATE 90°



ACRYLIC SUPPORT SECTIONS E–E AND F–F
SCALE 1:10

2001 Field Components

Line #	Assembly	Part #	Description	# Req.	Material	Length
1	Goal	PVC1	horizontal supports	8(goal)	PVC 1-½" Schedule 40 Pipe	3'-10 1/8"
2	Goal	PVC2	vertical supports	8(goal)	PVC 1-½" Schedule 40 Pipe	77-3/8"
3	Goal	W1	horizontal braces	8(goal)	2-4 wood lumber	
4	Goal	PVCF1	45° elbow fittings	8(goal)	PVC 1-½" Schedule 40 Elbow Fitting	
5	Goal	PVCF2	tee fittings	8(goal)	PVC 1-½" Schedule 40 Tee Fitting	
6	Goal	KK70-7	for securing P11	8(goal)	Kee Klamp Railsupport	
7	Goal	KK61-7	base flanges for PVC2	8(goal)	Kee Klamps Fitting	
8	Goal	KK77-7	slotted bar	4(goal)	Kee Klamps Fitting	
9	Goal	P11	horizontal pipe	2(goal)	1-1/4" Schedule 40 Aluminum pipe	13'-
10	Goal	G1	goal hoop	1(goal)	sheet ¼" a/c plywood	28 ¾"
11	Goal	BD7	for attaching KK70-7, KK61-7, W1	72(goal)	¼-20x1 ¾" carriage bolt	1 ¾"
12	Goal	WA3	for attaching KK70-7, KK61-7, W1 to P2	72(goal)	¼" ID lock washer	
13	Goal	NT2	for attaching KK70-7, KK61-7, W1 to P2	72(goal)	¼-20 nut	
14	Bridge	P1	lg arch bridge	2	1/8" x 5" steel flatstock	47 3/8"
15	Bridge	A1	gusset angle	2	1/8" x 2" angle	4'-
16	Bridge	A2	for attaching C1 to K2	2	1"x1"x1/8" flat bar aluminum	28"
17	Bridge	KK70-7	counterweight support	8	Kee Klamps Railsupport	
18	Bridge	R1	bridge support	2	2x6 Kee Klamps	8'-
19	Bridge	R2	stop strap	1	sheet ¼" a/c plywood	4'x2'
20	Bridge	P12	weight support	2	1-1/4" Schedule 40 Steel pipe	4'x8'
21	Bridge	P12	weight support	2	1-1/4" Schedule 40 Steel pipe	37'-
22	Bridge	P13	weight support	2	¾" Schedule 40 Steel pipe	11'-
23	Bridge	P14	weight support	2	1-1/2" Schedule 80 Steel pipe	24"
24	Bridge	W11	weight	10	3 lb. weight	
25	Bridge	DP4	diamond plate bracket	2	1/8" Aluminum sheet	9-3/8"x8"
26	Bridge	BD5	for attaching P12,P13, and P14	8	¼-20x1" hex head bolt	2"
27	Bridge	WA1	for attaching P12, P13, and P14, and KK70-7 to DP2	22	¼" ID flat washer	
28	Bridge	NT3	for attaching P12,P13, and P14	2	¼-20 nylon lock nut	
29	Bridge	BD9	for attaching KK70-7 to DP2	20	3/8-20x2 ¼" carriage bolt	2 ¼"
30	Bridge	NT4	for attaching KK70-7 to DP2	20	3/8-20 nylon lock nut	
31	Bridge	BD10	for attaching A1 to R2	26	¼-20x1" carriage bolt	1"
32	Bridge	BD11	for attaching A2 to R2 and C1	26	#10x1 ¼" sheet metal screw (flat head)	1 ¼"
33	Bridge	C1	weight clamp	2	sheet weight clamp, 1-1/8	
34	Bridge	BD12	for attaching P1 to R2 and C1	10	¼-20 1 ¼" flat phillips head	1 ¼"
35	Bridge	NT1	for attaching P1 to R2 and C1	10	¼-20 hex nut insert	
36	Stretcher	KK15-7	90° elbow fitting	4	Kee Klamps Elbow	
37	Stretcher	KK26-7	tee fitting	2	Kee Klamps Railsupport	
38	Stretcher	P16	railing post	2	1-1/4" Schedule 40 Aluminum pipe	42"
39	Stretcher	P17	railing post	2	1-1/4" Schedule 40 Aluminum pipe	36 3/16"
40	Stretcher	W1	counterweight	4	2-4 wood lumber	
41	Stretcher	S1	stretcher support	1	sheet ¾" a/c plywood	48 ¾" x 48"
42	Stretcher	BD7	for attaching KK70-7 to S1	32	¼-20x1 ¾" carriage bolt	1 ¾"
43	Stretcher	WA1	for attaching KK70-7 to S1	32	¼" ID flat washer	
44	Stretcher	NT3	for attaching KK70-7 to S1	32	¼-20 nylon lock nut	
45	Field Bunker	B1	field bunker	18	4x4 Rem-Fir Lumber	96"
46	Field Bunker	P11	corner bunker inner slider	4	3"x2" angle steel	12"x12"
47	Field Bunker	P12	straight bunker inner slider	14	3"x2" angle steel	16"
48	Field Bunker	BD7	for attaching P1 & P12 to B1	56	¼-20x1 ¾" carriage bolt	1 ¾"
49	Field Bunker	WA1	for attaching P1 & P12 to B1	56	¼" ID flat washer	
50	Field Bunker	NT1	for attaching P1 & P12 to B1	56	¼-20 hex nut insert	
51	Field Bunker	BD14	for attaching P1 & P12 to B1	20	¼-11 lag screw	3"
52	Field Bunker	P8	ball holder	4	1-1/4" Schedule 40 Aluminum pipe	84"
53	Field Bunker	P7	center rack holder	6	1-1/4" Schedule 40 Aluminum pipe	92 ¾"
54	Field Bunker	P9	holder support supports	8	1-1/4" Schedule 40 Aluminum pipe	16"
55	Field Bunker	KK66-7	base flanges for PL3 and PL2	20	Kee Klamps Fitting	
56	Field Bunker	KK70-7	90° elbow fitting	2	Kee Klamps Two Socket Cross	
57	Field Bunker	KK70-7	90° three way fitting	2	Kee Klamps Six Outlet Tee	
58	Field Bunker	KK77-7	slotted bar	10	Kee Klamps Fitting	
59	Field Bunker	KK19-7	variable angle fitting for field gate	4	Kee Klamps Adjustable Side Outlet Tee	
60	Field Bunker	B2	field holder	4	4x4 Rem-Fir Lumber	72"
61	Field Bunker	B3	field holder	2	4x4 Rem-Fir Lumber	84"
62	Center Barrier	P3	horizontal barrier	2	1-1/4" Schedule 40 Aluminum pipe	96"
63	Center Barrier	P10	barrier support	4	1-1/4" Schedule 40 Aluminum pipe	16"
64	Center Barrier	B3	bridge holder	3	4x6 Rem-Fir Lumber	96"
65	Center Barrier	A5	bridge post mount angle	2	2"x 2"x1/8" steel angle	4"
66	Center Barrier	A4	bridge support	2	1 ¾"x1 ¾"x1/8" steel angle	4"
67	Center Barrier	A3	gusset angle plate	2	4"x4" 1/8" angle steel	3 ¾"
68	Center Barrier	KK26-7	90° elbow fitting	2	Kee Klamps Two Socket Cross	
69	Center Barrier	KK35-7	tee fitting	2	Kee Klamps Three Socket Cross	
70	Center Barrier	KK77-7	slotted bar	2	Kee Klamps Fitting	
71	Center Barrier	KK61-7	base flanges for PL4	4	Kee Klamps Fitting	
72	Center Barrier	PL3	straight bunker inner slider	2	3"x3" angle steel	16"
73	Center Barrier	BD11	for attaching A3,A4 and A5 to B3	16	#10x1 ¼" sheet metal screw (flat head)	1 ¼"
74	Center Barrier	BD5	for attaching PL4 to B1 and B3	8	¼-20x1 ¼" hex head bolt	1 ¼"
75	Center Barrier	BD7	for attaching PL3 to B1 and B3	8	¼-20x1 ¾" bolt	1 ¾"
76	Center Barrier	WA1	for attaching PL3 to B1 and B3	12	¼" ID flat washer	
77	Center Barrier	NT1	for attaching PL3 to B1 and B3	8	¼-20 hex nut insert	
78	Center Barrier	PL4	center barrier support	4	1/8" x 3" 90° angle	12"
79	Center Barrier	P16	barrier straight support	2	1-1/4" Schedule 40 Steel pipe	14 ¾"
80	Alliance Station	P5	corner wall upright	4	1-1/4" Schedule 40 Aluminum pipe	20"
81	Alliance Station	P6	corner wall upright	4	1-1/4" Schedule 40 Aluminum pipe	77 ¾"
82	Alliance Station	P1	horizontal barrier	4	1-1/4" Schedule 40 Aluminum pipe	46"
83	Alliance Station	P12	horizontal barrier	10	1-1/4" Schedule 40 Aluminum pipe	93"
84	Alliance Station	P11	safety shield	8	¼" clear acrylic	4'x4'
85	Alliance Station	DP1	diamond plate door station	4	3/16" Aluminum sheet	4'x8'
86	Alliance Station	BD3	for attaching A6 to DP1 and PL1 to B1	144	¼-20x1 ¾" hex head bolt	1 ¾"
87	Alliance Station	BD7	for attaching DP1 to B1	48	¼-11 lag screw	1 ¾"
88	Alliance Station	WA1	for attaching A6 to DP1 and PL1 to B1	138	¼" ID flat washer	
89	Alliance Station	WA2	for attaching DP1 to B1	6	3/4"x2 ¼" plywood spacer (mounted behind)	8"
90	Alliance Station	NT2	for attaching DP1 to KK70-7	132	¼-20 nut	
91	Alliance Station	NT3	for attaching PL1 & P12 to B1	48	¼-20 nylon nut insert	
92	Alliance Station	BC1	Rail Chain	8	1/2"x10" chrome	24"
93	Alliance Station	KK10-7	90° butt joint fitting	8	Kee Klamps Tee	
94	Alliance Station	KK19-7	for connecting P3 first	4	Kee Klamps Swivel Coupling	
95	Alliance Station	KK13-7	90° elbow fitting	4	Kee Klamps Elbow	
96	Alliance Station	KK20-7	90° tee fitting	2	Kee Klamps Two Socket Tee	
97	Alliance Station	KK26-7	90° joint fitting	6	Kee Klamps Two Socket Cross	
98	Alliance Station	KKC28-7	connection with bars	2	Kee Klamps Connection Bars	
99	Alliance Station	KKC38-7	connection with bars	6	Kee Klamps Connected Bars	
100	Alliance Station	KK70-7	for securing DP1 and P3	36	Kee Klamps Railsupport	
101	Alliance Station	KK77-7	slotted bar	4	Kee Klamps Plastic Fine	
102	Alliance Station	T1	Team ID sign	8		
103	Alliance Station	A6	bottom mount angle	6	2"x 2"x1/8" aluminum angle (1/8")	8'-
104	Alliance Station	A7	top support angle	6	2"x 2"x1/8" aluminum channel (1/8")	8'-
105	Alliance Station	P2	top support flat stock	6	3" aluminum flat stock, 1/8" thick sheet	8'-
106	Alliance Station	P3	top support flat stock	24	¼"x3" aluminum flat stock	4'-
107	Alliance Station	BD13	for attaching PL4 to B2 and B1 and P3,P2 to B2 and B1	6	¼-20 x ¾" through bolt	4 ¾"
108	Alliance Station	NT2	for attaching PL4 to B2 and B1 and P3,P2 to B2 and B1	6	¼-20 nut	
109	Alliance Station	WA1	for attaching PL4 to B2 and B1 and P3,P2 to B2 and B1	18	¼" ID flat washer	
110	Alliance Station	NT1	for attaching PL4 to B2 and B1 and P3,P2 to B2 and B1	12	¼-20 hex nut insert	
111	Alliance Station	BD14	for attaching PL4 to B2 and B1 and P3,P2 to B2 and B1	12	¼-11 lag screw	3"
112	Alliance Station	PL5	angle support	8	1/8" x 3" angle	12"x12"
113	Alliance Station	PL4	center support	4	1/8" x 3" 90° angle	12"x12"
114	Field Base	C2	alarms field cannot	1	Bearfield 2013 jack coal	36"x48"

last revised 01/03/01 — refer to DWG NO. 01-FLD-0001-D

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Sheet	2 of 2