PARTS LIST

Use with Assembly Drawings: WPL30988D
WPL30989D
WPL30990D

Recommended spare parts shown by asterisk (*)

Part No.	Name	Part No.	Name
1	Cylinder Beam	60	Bracket
2	Resistance Beam	61	Flange
3	Outer Support	62	Support
4	Ram	74 *	Packing
5	Main Gland	75	Manifold
6	Ram Cap	76	Valve
8	Ram Ring	77	Flange
11	Bearing	79	“O” Ring
12	Bearing	82	Pipe
13	Shaft	83	Gauge
14	Shaft	84	Snubber
15	Shaft	85	Bolt
16	Spacer	86	Pipe
17	Spacer	87	Pipe
18	Spacer	88	Flange
22	Cylinder Beam Key	89	Elbow
23	Resistance Beam Key	93	Elbow
24	Resistance Beam Key	94	Pipe
36	Tension Bar	95	Pipe
37	Pin	96	Pipe
38	Guide Rod	106	“O” Ring
39	Bearing	109	Plate
40	Pin	115	Wheel
41	Bolt	116	Bearing
42	Bolt	117	Bushing
43	Valve	118	Tubing
44 *	“O” Ring	137	Key
45 *	Back-Up Washer	334	Throat Bushing
46	Sheave	335	Packing Ring
47	Bushing	462	Union
48	Shaft	505	Eye Bolt
50	Pillow Block	799	Plate
51	Bracket	1101	Cap
52	Pin	1102	Cap
53	Sheave	1103	Collar
54	Bearing	1104	Collar
55	Rope Anchor	1105	Collar
56	Rope	1106	Collar
57 *	Micro Switch	1107	Split Collar
58	Bracket	1108	Axle Extension
59	Bracket	1110	Axle Extension

PARTS LIST

Use with Assembly Drawings: WPL30988D
WPL30989D
WPL30990D

Recommended spare parts shown by asterisk (*)

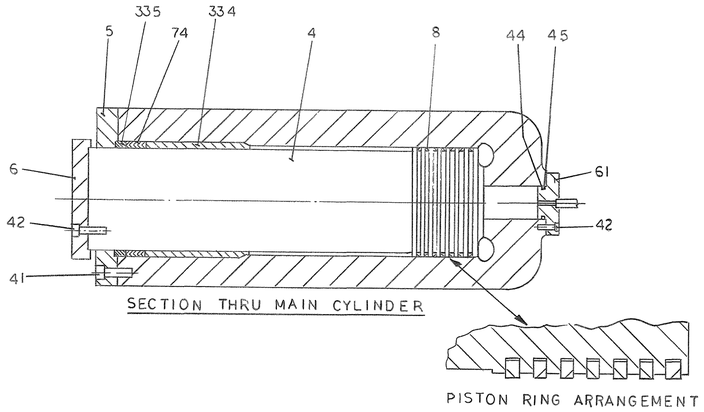
Part No.	Name	Part No.	Name
1111	Axle Extension	9208	Name Plate
1112	Collar	9209	Crane Control
1113	Split Collar	9210	Ballast Resistor
1114	Split Collar	9212	Cord Reel
1120	Cap	9218	Cable
1121	Ram center	9219	Connector
1901	Ram extension	9223	Cable
2112	Rider Ring	9226	Connector
2137	Valve	9227	Box
2201	Pump	9229	Cable
2202	Reservoir	9230	Cable
2203 *	Pump	9232	Connector
2204 *	Pump	9235	Wire
2205	Strainer	9236	Rigid Conduit
2208	Strainer	9237	Coupling
2209	Air Bleep Valve	9240	Box
2210 *	Relief Valve	9241	Safety Switch
2211 *	Unloading Valve	9242 *	Fuses
2212	Gauge Assembly	9243	Name Plate
2213	Check Valve	9244	Warning Sign
2214	Filter	9245	Voltage Sign
2215	Gauge Assembly	9401	Starter
2216	Motor	9402 *	Heater Element
2225 *	Filter Element	9403	Name Plate
2226	Directional Valve	9404 *	Fuse
2231	Gauge	9405	Enclosure
2299	Oil	9406	Pushbutton
5001	Panel	9407	Transformer
5002	Remote Pressure Valve	9408	Bracket
5003	Selector Switch	9409	Hanger
5004	Pushbutton	9410	Junction Box
5005	Gauge	9411	Relay
5006	Enclosure	9412	Socket
5007	Name Plate	9413	Fuseblock
5110	Stop	9414 *	Fuse
5126	Coupling	9415	Connector
5135	Bracket	9416	Name Plate
5140	Sling	9417	Name Plate
9202	Box	9418	Pushbutton
9204	Box	9419	Shielded Cable
9206	Enclosure	9420	Connector
9207	Pushbutton	9421	Cord Grip

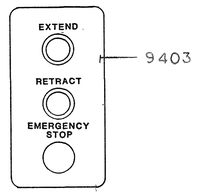
PARTS LIST

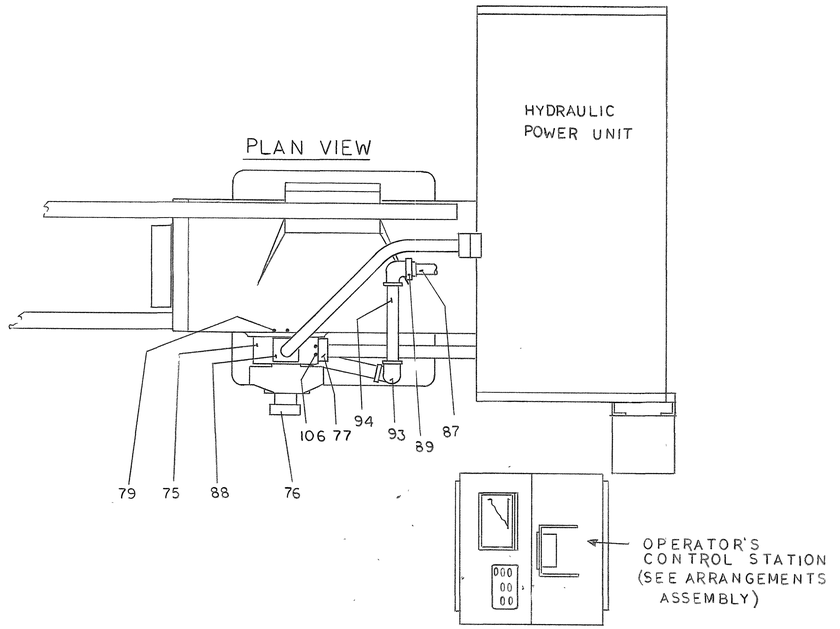
Use with Assembly Drawings: WPL30988D
WPL30989D
WPL30990D

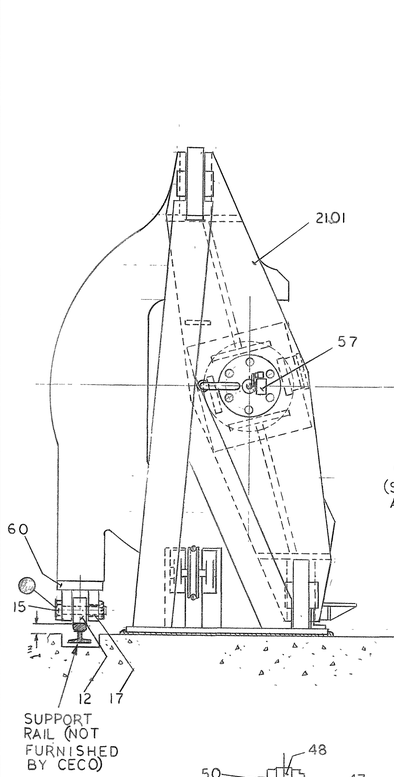
Recommended spare parts shown by asterisk (*)

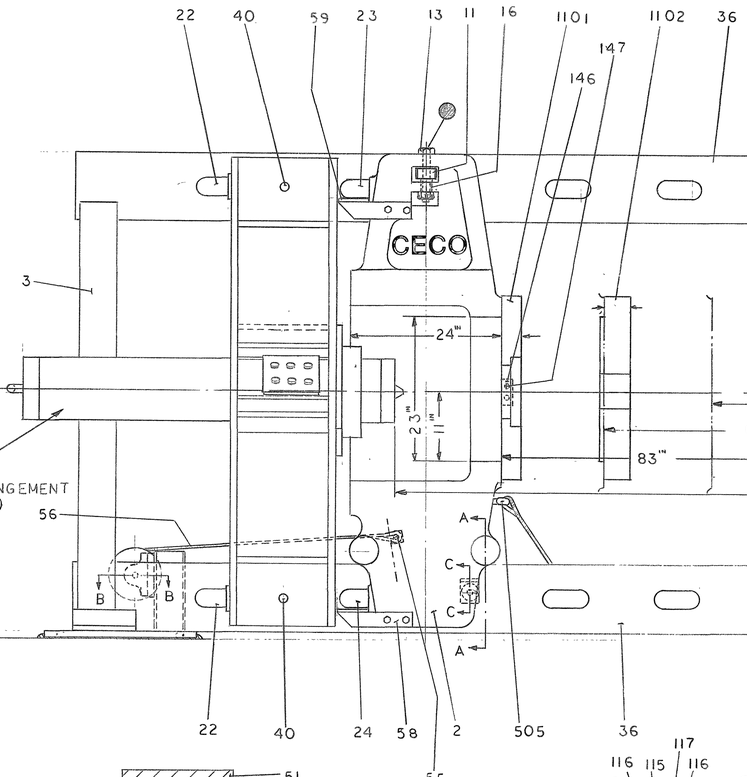
Part No.	Name	Part No.	Name
9422	Cord Grip	9501	Condulet
9423	Cord Grip	9502	Light
9424	Cord Grip	9503	Name Plate
9425	Cord Grip	9504	Fuseblok
9426	Power Cord	9505 *	Fuse
9427	Power Cord	9506 *	Fuse
9428	Wire	9507	Connector
9429	Wire	9508	Terminal Block
9430	Wire	9509	Receptacle
9431	Spacer	9510	Locknut
9454	Connector	9511	Bushing
9455	Adapter	9512	Condulet
9457	Condulet	9513	Name Plate
9458	Locknut	9514	Enclosure
9459	Bushing	9515	Solid State Signal
9460	Rigid Conduit	9901	Recording Gauge
9471	Console	9902	Pressure Transmitter
9472	Panel	9905 *	Chart Paper
9473	Processor	9905 *	Pen Pack
9474	Rack	9906	Shut-Off Valve
9475	Cable		
9476	Programmer		
9477	Cable		
9478	Input Module		
9479	Input Module		
9480	Output Module		
9481	Output Module		
9482	Illum. Pushbutton		
9483	Potentiometer		
9484	Selectro Switch		
9485	Driver Card		
9486	Cable		
9487	Enclosure		
9488	Panel		
9489	Enclosure		
9490	Rigid Conduit		
9491	Connector		
9492	Rigid Conduit		
9493	Coupling		
9497	Adapter		
9498	Rigid Conduit		
9499	Connector		

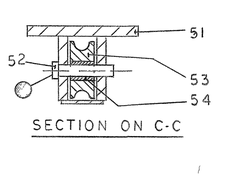


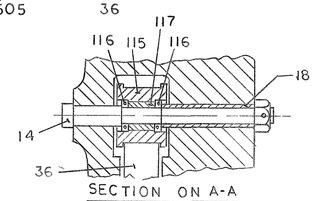


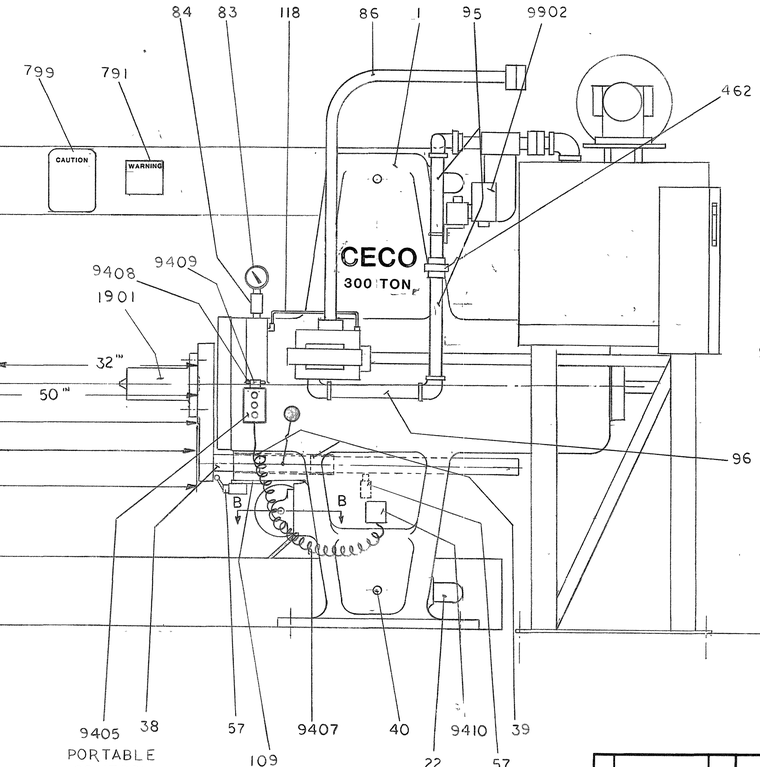








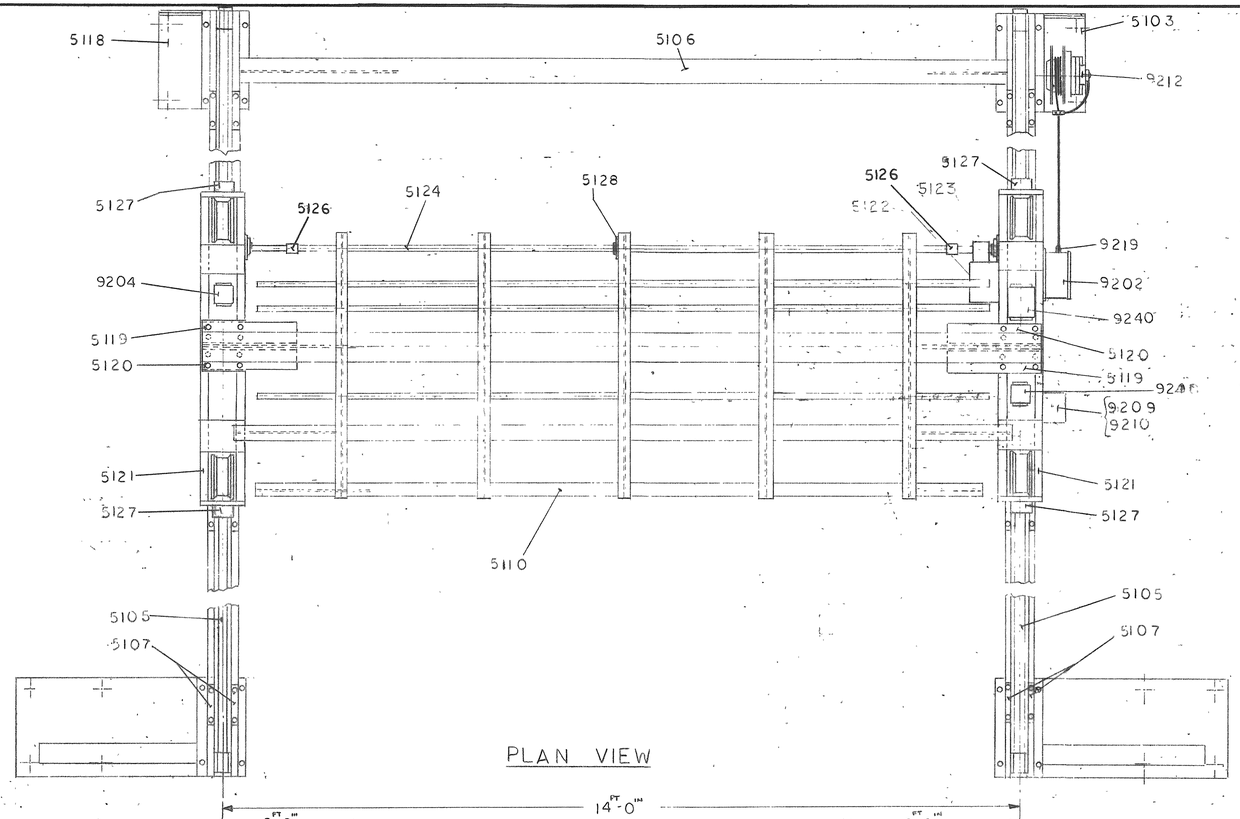




GREASE PRESSURE GUN ONCE A WEEK
4 - POINTS

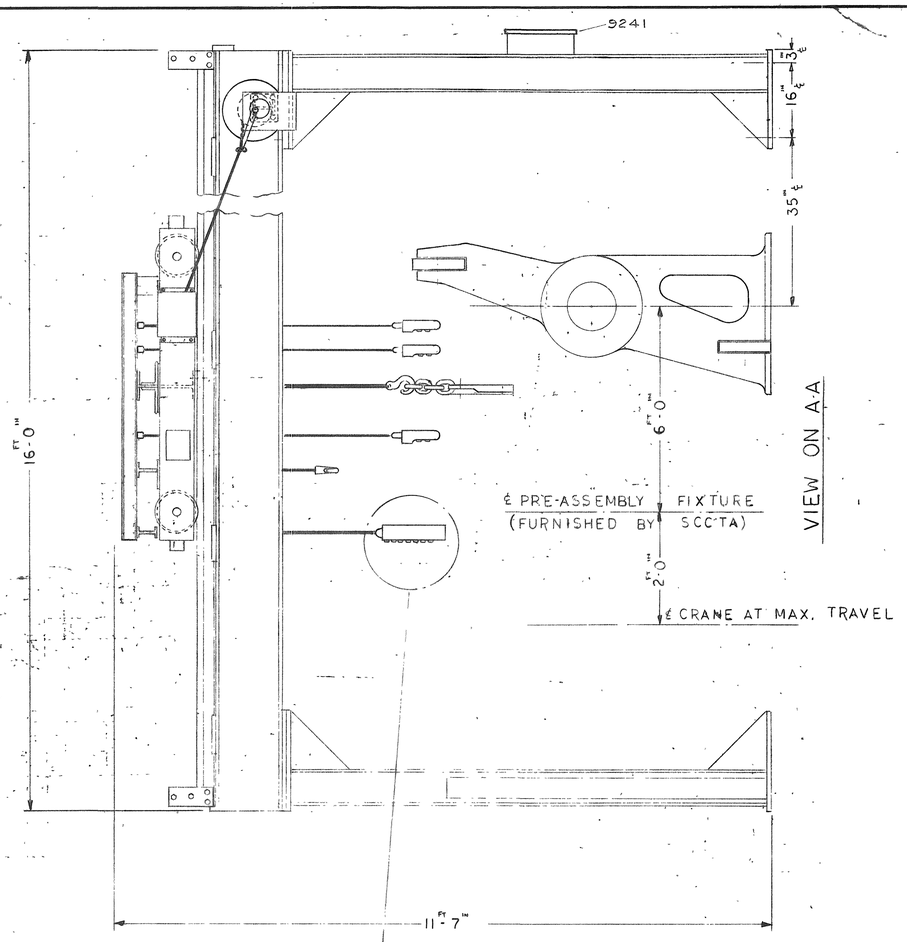
					CHAMBERSBURG ENGINEERING COMPANY Chambersburg, Pennsylvania, U. S. A.	Machining Tolerance If Not Specified	Part Number
					"PROPERTY OF CHAMBERSBURG ENGINEERING COMPANY—TO BE RETURNED UPON REQUEST AND USED ONLY IN REFERENCE TO CONTRACTS OR PROPOSALS OF THIS CORPORATION. REPRODUCTION OF THIS PRINT OR UNAUTHORIZED USE OF PATENTED OR PATENTABLE FEATURES DISCLOSED HEREIN IS PROHIBITED."	Title ASSEMBLY	
					Drawn DAR 3-21-89	Scale 1"=1FT-0"	
					Checked JFE 5-1-89		
					Approved	Print Date	SIZE 54-3
Rev No.	Revision	By	Date		Eng Ref 2881-L		WPL DRAWING NUMBER 30988D
Ro Wt.		Fin Wt.			Part No.		

York Blue Print Co., Inc. 10 9155-2472

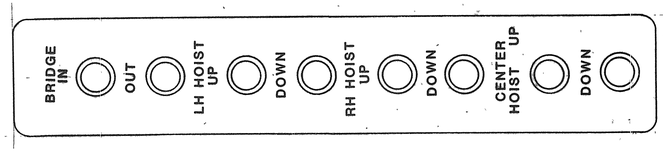


PLAN VIEW

FRONT VIEW



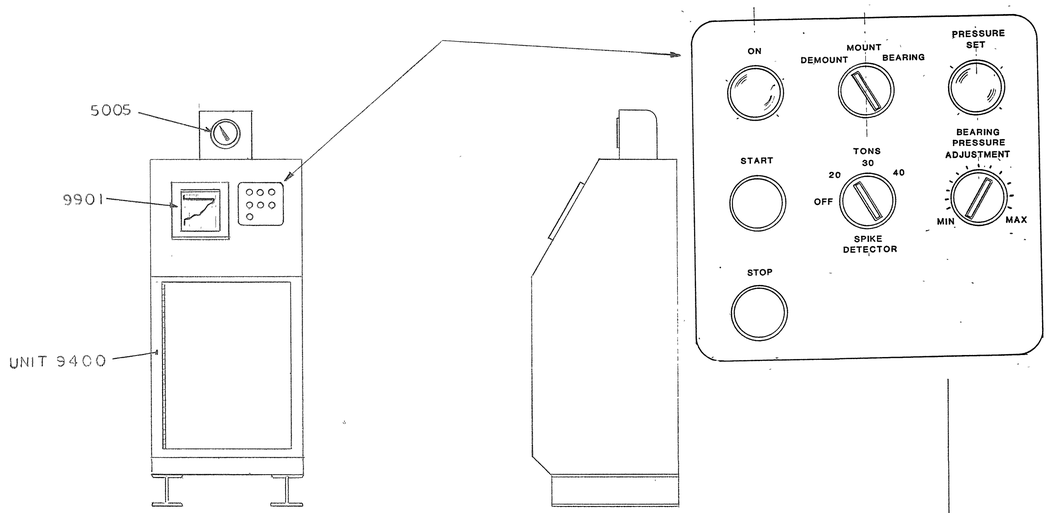
VIEW ON A-A



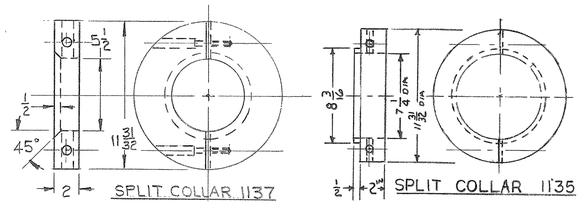
ENLARGED VIEW
PENDENT CONTROL STATION

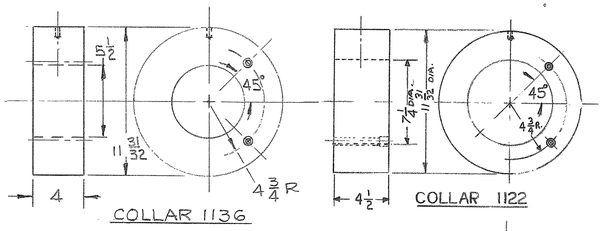
					CHAMBERSBURG ENGINEERING COMPANY Chambersburg, Pennsylvania, U. S. A.	Machining Tolerance If Not Specified	Part Number
					"PROPERTY OF CHAMBERSBURG ENGINEERING COMPANY—TO BE RETURNED UPON REQUEST AND USED ONLY IN REFERENCE TO CONTRACTS OR PROPOSALS OF THIS CORPORATION. REPRODUCTION OF THIS PRINT OR UNAUTHORIZED USE OF PATENTED OR PATENTABLE FEATURES DISCLOSED HEREIN IS PROHIBITED."	Title ASSEMBLY WHEEL SET TRANSFER CRANE	
					Drawn DAS 3-30-95 Checked [illegible] 3-1-95 Approved	Scale	
Rev No	Revision	By	Date		Eng Ref 2881-L	Print Date	SIZE D DRAWING NUMBER WPL 30989D
Re No					Patt No.		
Wt.		Fin Wt					

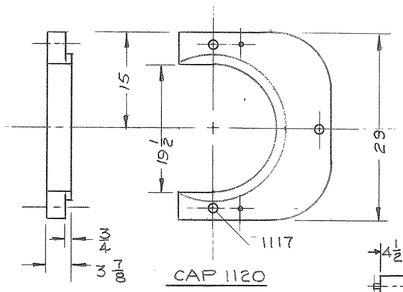
York Blue Print Co., Inc. 10 9155-2472

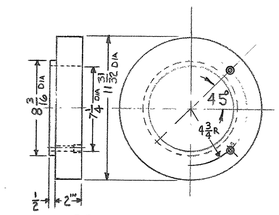


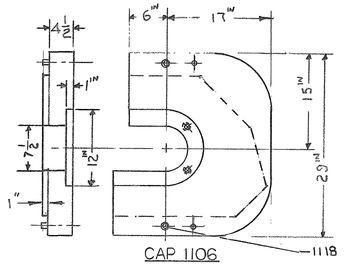
OPERATOR'S CONTROL STATION

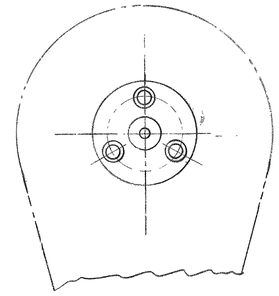


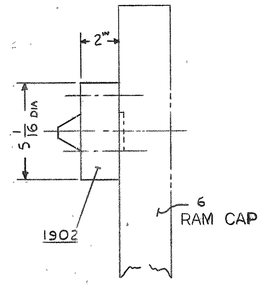


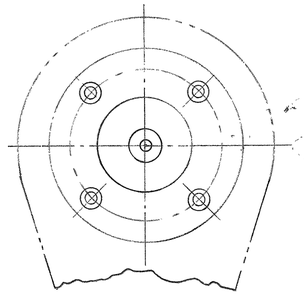


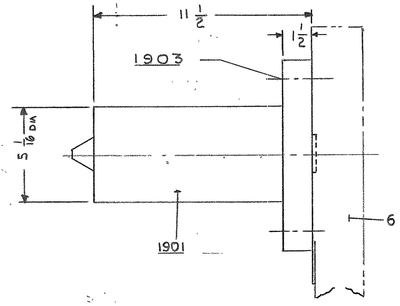


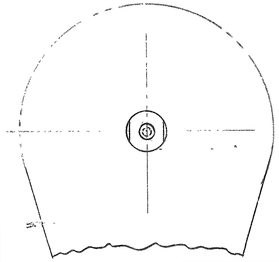


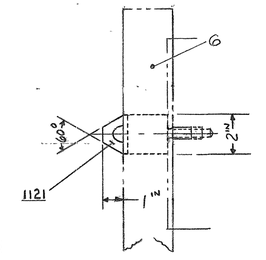




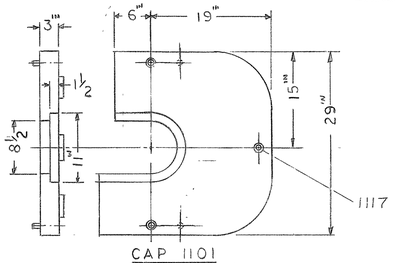


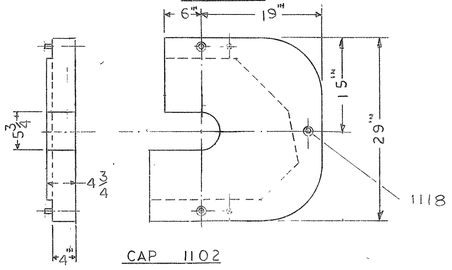




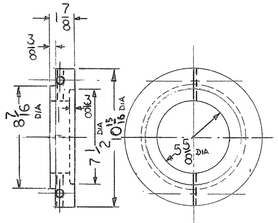


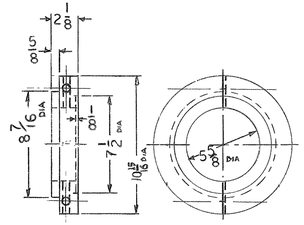
RAM EXTENSIONS

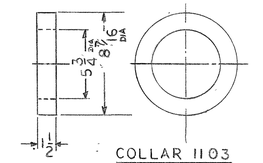


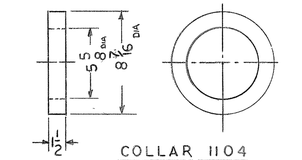


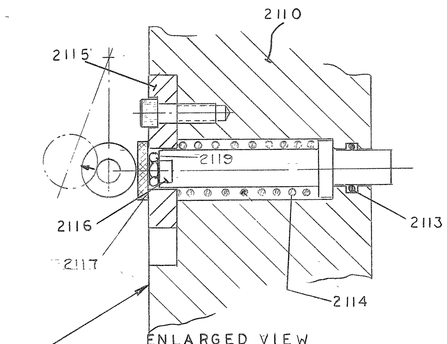
FIXTURES



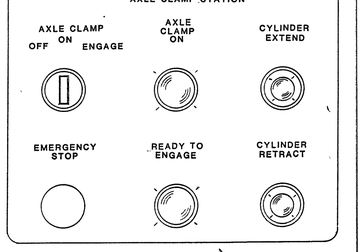


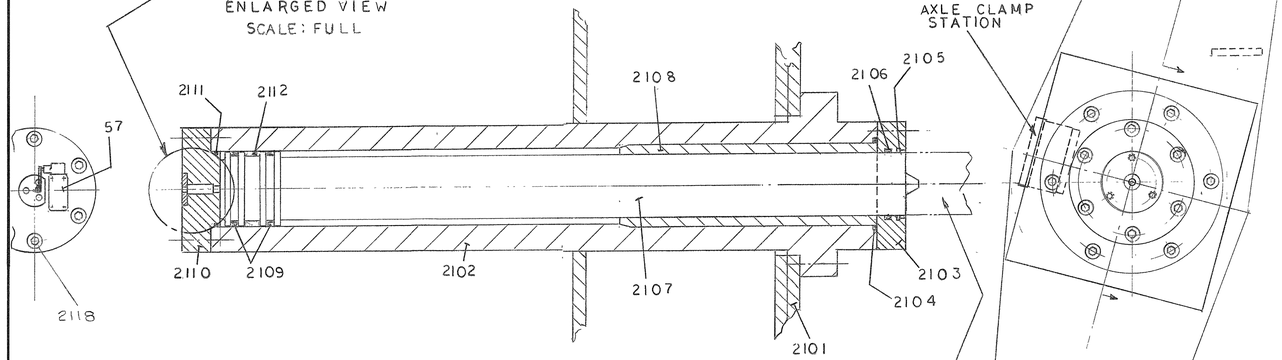






ENLARGED VIEW
SCALE: FULL





SECTION THRU AXLE SUPPORT CYLINDER

SCALE 2" = 1' - 0"

Rev No.	Revision	By	Date
2	ADDED COLLARS 1136, 1137	GB	6/4/90
1	ADDED Ram EXTEN. 1121, CAP 1109, AND COLLARS 1119, 1122, 1125	JMH	1/25/90

Rev No. Wt.	
Fin Wt.	
Part No.	
Eng Ref	2881-L
Print Date	

CHAMBERSBURG ENGINEERING COMPANY
Chambersburg, Pennsylvania, U. S. A.

"PROPERTY OF CHAMBERSBURG ENGINEERING COMPANY—TO BE RETURNED UPON REQUEST AND USED ONLY IN REFERENCE TO CONTRACTS OR PROPOSALS OF THIS CORPORATION. REPRODUCTION OR PRINT OR ANY UNAUTHORIZED USE OF PATENTED OR PATENTABLE FEATURES DISCLOSED HEREIN IS PROHIBITED."

Drawn	DAR 4-5-89
Checked	CJC 5-2-89
Approved	
Scale	

Machining Tolerance If Not Specified

Part Number

Title: ARRANGEMENTS ASSEMBLY

SIZE: 543

DRAWING NUMBER: WPL 30990 D

York Blue Print Co., Inc. 10 9155-2472