

LocoGear

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Technical Bulletin - 05

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Drawings Known to be Available at the Allen County Historical Society and the California State Railroad Museum

for

Western Maryland Railway Shay #6

Shop Number 3354 - Order Number 510

and

Greenbrier, Cheat & Elk Railroad Shay #12

Shop Number 3156 - Order Number 329

Fortunately for the live steam model builder, many of the original drawings used to build both the **Western Maryland Railway #6** and **Greenbrier, Cheat & Elk #12** were saved from destruction and are available from either the California State Railroad Museum (CSRM) or the Allen County Historical Society (ACHS). Although the combined drawing collections of both museums pertaining to **WM #6** and **GC&E #12** are incomplete, nearly all of their major drawings are available.

The CSRM Library's collection includes over 60,000 original drawings for many of the locomotives built by the Lima Locomotive Works, not just the Shays. The CSRM Library reading room is open to the public Tuesday through Saturday from 1:00 to 5:00 p.m. The

CSRM Library also has an extensive collection of books, manuscripts, photographs and papers pertaining to all aspects of railroad history. The CSRM Library's collections do not circulate.

The ACHS also has an extensive collection of Lima Locomotive Works related materials including drawings and builder photos. Their drawing collection includes those formerly available from George Kadelak, and portions of the P.E. Percy collection from Jim Mengals.

To order copies of drawings from either museum, you should first contact them and obtain their drawing order form and discuss their fees. For those drawings held by CSRM, the file storage number if known is indicated in this listing and will aid when ordering the drawings from CSRM.

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On the following pages are listed 376 drawings for **WM #6** and 254 drawings for **GC&E #12** that are known to be available from each museum. However, it is not necessary to obtain every drawing listed here to build a live steam model of either **WM #6** or **GC&E #12**. On page 3 for **WM #6** and page 17 for **GC&E #12** are lists of drawings recommended to be a basic set to build a live steam model of that Shay locomotive. A number of drawings with scale dimensions are also available from **LocoGear** and are listed in **LocoGear Technical Bulletin - 07**.

For a complete list of every drawing used to build the **WM #6** compiled from the Lima **Master Index of Drawings for Construction Order #510**, a fifty five page PDF format document is available for download from the **LocoGear** website.

The drawing list on the following pages are divided into two sections. The first section (pages 4-16) is a list of all drawings known to exist for **WM #6**. The second section (pages 18-26) is a list of all drawings known to exist for **GC&E #12**. In the first section, for **WM #6**, notice that many of the drawings have a reference drawing listed. Thirty eight of these referenced drawings were used to build **GC&E #12**. For those instances the symbol **12** is used to identify this relationship. In cases like this, if the original drawing for **GC&E #12** is not available, the live steam model builder may with confidence base the part to be made on the drawing available for **WM #6**.

For example, The Boiler drawing Card Number **130-AB-5002** for **WM #6** has a reference to drawing Card Number **130-A-5001** which is the drawing for the boiler for **GC&E #12**. Both drawings are available, one from ACHS and the other from CSRM. Another example is the Mud Ring drawing Card Number **144-A-5000** for **WM #6** has a reference to drawing Card Number **143-A-5019** which is the drawing for the Mud Ring for **GC&E #12**. In this case however, the drawing for **WM #6** is available at CSRM, but the drawing for **GC&E**

#12 is not available at either museum.

When Lima designed the **WM #6**, they drew heavily upon their experience building **GC&E #12**. In some cases Lima used the same drawing for both locomotives with no revisions. However, many of the drawings for Order Number 510 (**WM #6**) are revisions of earlier drawings for Order Number 329 (**GC&E #12**). That means that a drawing listed for **WM #6** with a later revision letter (**B, C, etc.**) may also include the information necessary to build the earlier revision of the part for **GC&E #12**. For the 52 instances where the same drawing or a later revision of the same drawing was used by Lima, the symbol **12** is also used to identify this relationship in the list of drawings for **WM #6** and the symbol **6** is used in the drawing list for **GC&E #12**. In cases like this, if the original revision of a drawing for **GC&E #12** is not available, the live steam model builder may with confidence base the part to be made on the drawing available with the revisions for **WM #6**.

An interesting example of how the drawings for **GC&E #12** were revised for **WM #6** can be seen in the truck part drawings. The trucks on these two locomotives are virtually identical. The Right Side Truck Frame drawing, Card Number **933-A-5066** was assigned on November 18, 1920 to Order Number 329, to build **GC&E #12**. The first revision of this drawing was assigned Card Number **933-B-5066** on December 28, 1932 for Repair Order **R-13637** to Shop Number **3156**, (the Shop Number for **GC&E #12**). The reason for this first revision, was because in 1932 the **GC&E** added a fourth truck to **#12**. They enlarging its tender water tank from 6,000 gallons to 12,000 gallons and then needed the extra truck parts to build a matching fourth truck. This revision thus documents this modification to **#12**, although it was done by the **GC&E** shop crew at Cass, West Virginia and not by Lima. The third revision to this drawing was assigned Card Number **933-C-5066** also on De-

Contact Information for ACHS and CSRM

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Lima, OH 45801
(419) 222-9426

California State Railroad Museum Library
111 I Street
Sacramento, CA 95814
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cember 28, 1932 with minor dimensional changes and marked for “Future” use. That future use came about between July 13, 1944 and February 5, 1945 with several additional minor dimensional changes when the same drawing was used to make the right side truck frames for **WM #6**.

To further document the close relationship between **GC&E #12** and **WM #6**, nearly the same notations are used on the Left Side Truck Frame drawing Card Number **933-A-5067** with revisions **B** and **C**. A similar story can be found on the Right Side Truck Journal Box drawing with Card Number **933-A-5069** assigned to Order Number **329**. Revision Line Code **B** was assigned to Repair Order **R-13637** with a notation of the Shop Number **3156**. Revision Line Code **C** was assigned to Order Number **510** on June 14, 1944. In all cases there were minor dimensional changes with each revision.

Many of the parts that were common to both **WM #6** and **GC&E #12** were made by Lima from the same casting patterns. Comparing the Master Indexes of these two Shays finds a total of 110 casting patterns that are common to both. The following lists indicate 70 instances where Lima used

the same casting pattern for both locomotives, although some had minor revisions made to the casting pattern when used to cast parts for **WM #6**. This just provides stronger evidence that the two locomotives were literally fashioned from the same molds. For the 70 instances where the same casting patterns were used by Lima, the symbol **12** is also used to identify this relationship in the list of drawings for **WM #6** and the symbol **6** is used in the drawing list for **GC&E #12**. In cases like this, if the original drawing for one of the Shays is not available, the live steam model builder may with confidence base the part to be made on the drawing available for the other Shay.

Although the **LocoGear** castings were originally intended for **WM #6**, many of the castings can also be used to build **GC&E #12**. However, not all of the parts necessary for **GC&E #12** are currently available. Most notably absent are the slide valve cylinders and cylinder frames. Many other parts, if not exact, can still be used.

Recommended Basic List of Drawings For WM #6

Lima Card Number	Part Description for WM #6	Reference	Date	Size	Location	CSRM File #
130-AB-5002	Boiler	130-A-5001 12	7/31/44	26 x 82	ACHS	
214-A-5037	Front End Timber Arrg't		9/26/44	25 x 30	ACHS/CSRM	1 1.3
214-A-5038	Rear End Timber Arrg't		10/5/44	25 x 32	ACHS/CSRM	1 1.3
227-A-5003	Cab Steel	223-A-5013 12	8/29/44	25 x 42	ACHS/CSRM	
314-A-5031	Cylinder Clearance		11/16/44	24 x 30	CSRM	1 1.4
420-A-5014	Erecting Elevation (Engine & Tender)	428-A-5037 12	11/9/44	26 x 106	ACHS	
430-A-5000	Erecting Section (8 Half sections)		12/1/44	26 x 84	ACHS	
480-A-5000	Frame Layout		11/17/44	29 x 137	ACHS	
517-A-5002	Grate Arrangement	517-A-5001 12	9/16/44	24 x 42	CSRM	1 3.4
583-A-5008	Link Motion		12/7/44	18 x 24	CSRM	1 3.5
837-A-5000	Fuel Bunker	833-A-5003 12	9/7/44	24 x 42	ACHS/CSRM	3 1.5
858-A-5000	Tender Frame		9/12/44	26 x 52	ACHS	
884-A-5007	Tender Water Tank (6,000 Gal.)	884-A-5000 12	6/20/44	24 x 30	ACHS	
939-AC-5002	Truck Plan	939-AB-5000 12	10/26/44	27 x 66	ACHS	
913-A-5036	Throttle Arrangement	917-A-5000 12	8/23/44	18 x 24	CSRM	3 2.5

Lima Card Number	Part Description for WM #6	Reference	Date	Size	Location	CSRM File #	Pattern Number
102-A-5018	Ash Pan Operating Shaft	103-J-93	9/13/44	12 x 18	ACHS		
122-A-5003	Bell Frame For 100 Lbs. Bell	12544	1/28/21	12 x 18	ACHS		
122-A-5005	Bell 100 Lbs.	12535 12	3/2/21	12 x 18	ACHS		
122-A-5006	Bell Tongue For 100 Lbs. Bell	12535 12	3/2/21	12 x 18	ACHS		12-35
130-AB-5002	Boiler	130-A-5001 12	7/31/44	26 x 82	ACHS		
130-A-5003	Boiler Sections		4/16/45		CSRM	101 2.6	
132-A-5005	Staybolt Schedule		5/26/44	12 x 18	ACHS		
133-A-5007	Second Course Seam & Dome Liner		6/16/44	18 x 24	ACHS		
142-A-5001	Brace Rod Jaw & Lug		9/24/18	12 x 18	ACHS		
142-AP-9	Boiler Flue			12 x 18	ACHS		
144-A-5000	Mud Ring	143-A-5019 12	6/14/44	24 x 30	CSRM	1 1.2	
152-AC-5012	Standard Bolts		8/6/45	12 x 18	ACHS		
182-A-5117	Steam Gauge Bracket		9/30/44	12 x 18	ACHS		
182-A-5118	Bracket		10/5/44	12 x 18	ACHS		
182-A-5119	Lubricator Bracket Plate		10/5/44	12 x 18	ACHS		
182-AB-5064	Bottom Bracket Bearing (Bottom Half)		2/28/21	12 x 18	ACHS		18-330 12
182-AB-5120	Air Gauge Panel	182-B-406	10/23/44	12 x 18	ACHS		
183-AB-5030	Bracket Lubricator		10/5/44	18 x 24	ACHS		
187-A-5017	Bottom Bracket	A-15524 12	7/31/44	29 x 44	CSRM	1 1.2	18-527
202-A-5140	Brake Relief Valve		4/20/21	12 x 18	ACHS		
202-A-5227 12	Brake Shoe		7/28/28	12 x 18	ACHS		20-438
202-A-5296	Brake Rod Fulcrum (Back)		10/13/44	12 x 18	ACHS		
202-A-5297	Brake Cyl. Support (Back)		11/10/44	12 x 18	ACHS		
202-A-5298	Brake Cyl. Support		9/7/44	12 x 18	ACHS		
202-A-5299	Brake Beam Fulcrum		9/22/44	12 x 18	ACHS		20-86-A 12
202-A-5300	Brake Rods		9/30/44	12 x 18	ACHS		
202-A-5305	Brake Lever (Front Truck)		10/3/44	12 x 18	ACHS		
202-A-5306	Brake Cyl. Lever Center Trk.		10/3/44	12 x 18	ACHS		
202-A-5307	Brake Rod Adjustable	202-A-5013	10/25/44	12 x 18	ACHS		
202-A-5308	Brake Lever		10/4/44	12 x 18	ACHS		
202-A-5309	Air Pump Governor & Strainer Support		10/6/44	12 x 18	ACHS		

Lima Card Number	Part Description for WM #6	Reference	Date	Size	Location	CSRM File #	Pattern Number
202-A-5310	Distributing Valve Bracket		10/11/44	12 x 18	ACHS		
202-A-5313	Brake Lever Fulcrum		10/11/44	12 x 18	ACHS		
202-A-5314	Brake Rod Fulcrum (Front)		10/14/44	12 x 18	ACHS		
202-A-5316	Brake Valve Bracket		10/16/44	12 x 18	ACHS		
202-A-5317	Brake Cyl. Support (Front)	202-A-5082 12	10/16/44	12 x 18	ACHS		
202-A-5318	Brake Lever Guide Support		10/30/44	12 x 18	ACHS		
202-AB-5302	Trk. Brake Hanger		10/2/44	12 x 18	ACHS		
202-AB-5311	Brake Beam	202-A-5015 12	10/28/44	12 x 18	ACHS		
202-AC-5301	Trk. Brake Levers		9/30/44	12 x 18	ACHS		
202-AC-5303	Brake Rod Hanger Lug		10/2/44	12 x 18	ACHS		
202-AD-5304	Brake Details		10/2/44	12 x 18	ACHS		
202-AD-5319	Brake Lever Guides		10/30/44	12 x 18	ACHS		
202-AP-5312	Brake Pins		10/11/44	12 x 18	ACHS		
203-A-5024	Air Pump Support		9/14/44	18 x 24	ACHS		
203-AB-5023	Air Reservoir Support	202-A-5071 12	9/20/44	18 x 24	ACHS		
203-AF-5008 12	Brake Head	9868 12	2/22/21	18 x 24	ACHS		20-603-A 12
212-A-5002	Push Pole Pocket		1/10/21	12 x 18	ACHS		21-7 12
213-A-5081	Front End Timber Back Plate		11/8/44	18 x 24	ACHS		
214-A-5037	Front End Timber Arrgt		9/26/44	25 x 30	ACHS/CSRM	1 1.3	
214-A-5038	Rear End Timber Arrgt		10/5/44	25 x 32	ACHS/CSRM	1 1.3	
227-A-5003	Cab - Steel	223-A-5013 12	8/29/44	25 x 42	ACHS/CSRM	1 1.3	
233-A-5000	Ventilator		3/28/19	18 x 24	ACHS		
233-A-5001	Cab Back Curtain		10/12/44	18 x 24	ACHS		
233-AF-5002	Cab Deck Details		11/28/44	18 x 24	ACHS		
262-A-5010	Cylinder Cock Elbow		10/9/45	12 x 18	ACHS		26-581
263-AH-1	Valve Handles			18 x 24	ACHS		
273-A-5006	Water Gauge Marker	542-A-923	10/22/44	18 x 24	ACHS		
282-A-5040	Cylinder Cock Hand Lever Fulcrum Bracket		12/5/44	12 x 18	ACHS		
282-AB-5039	Cylinder Cock Detail	282-A-5004	10/17/44	12 x 18	ACHS		
282-AC-5036	Cylinder Cock Pins		10/16/44	12 x 18	ACHS		
282-AC-5037	Cylinder Cock Detail		10/17/44	12 x 18	ACHS		
282-AD-5038	Cylinder Cock Detail		10/18/44	12 x 18	ACHS		
283-A-5005	Blow Off Valve Arrgt.		9/26/44	18 x 24	ACHS		

Lima Card Number	Part Description for WM #6	Reference	Date	Size	Location	CSRM File #	Pattern Number
303-B-5003 12	Cross Head	7802	6/29/44	18 x 24	CSRM	1 1.4	30-191 12
310-D-157	Boiler Stays (Retraced 10/17/44)		1/25/21	18 x 24	ACHS		
314-AB-5030	Cylinder Frame	314-A-5018	11/3/44	24 x 30	CSRM	1 1.4	31-314
314-A-5031	Cylinder Clearance		11/16/44	24 x 30	CSRM	1 1.4	
317-A-5009	17" x 18" Piston Valve Cylinder		7/21/44	27 x 43	CSRM	1 1.4	31-315
322-A-5084	Steam Chest Head Top		6/22/44	12 x 18	ACHS		32-745
322-A-5085	Piston Valve Bushing	322-A-5064	6/23/44	12 x 18	ACHS		32-746
322-A-5086	Steam Chest Head Bottom		6/28/44	12 x 18	ACHS		32-747
322-AJ-112	Cylinder Head Casing Nut		6/9/04	12 x 18	ACHS		
323-B-5000 12	Cylinder Head		6/21/44	18 x 24	CSRM	1 1.5	32-225 12
363-B-5012	Dome Casing - Complete		8/30/44	18 x 24	CSRM	1 1.5	
372-A-5083	Safety Bar Pin & Key		7/4/27	12 x 18	ACHS		
372-A-5090	Dynamometer Bracket		10/22/31	12 x 18	ACHS		
372-A-5098	Uncoupling Shaft		9/27/44	12 x 18	ACHS		
372-AB-5070	Draw Bar Pin		8/24/25	12 x 18	ACHS		
372-AB-5097	Drawhead Guide	372-E-5038	8/25/44	12 x 18	ACHS		37-302
372-AL-147	Draw Bar Pin	373-S-61770	1/25/24	12 x 18	ACHS		
373-A-5025	Draft Gear Frame	373-B-5005 12	9/19/44	18 x 24	CSRM	1 1.5	
373-A-5026	Draw Head	373-A-5016 12	10/9/44	18 x 24	CSRM	1 1.5	37-355-A 12
392-A-5108	Eccentric #2 Cylinder		7/8/44	12 x 18	CSRM	1 1.5	39-529
392-A-5109	Eccentric #1 & #3 Cylinder		7/10/44	12 x 18	CSRM	1 1.5	39-527
392-A-5110	Eccentric Strap		7/26/44	12 x 18	CSRM	1 1.5	39-368 12
392-A-5111	Eccentric Rod Pin		8/14/44	12 x 18	CSRM	1 1.5	
392-A-5112	Eccentric Rod		8/15/44	12 x 18	CSRM	1 1.5	
392-A-5113	Eccentric Rod Forward		8/15/44	12 x 18	CSRM	1 1.5	
392-A-5114	Eccentric Rod		8/15/44	12 x 18	CSRM	1 1.5	
392-A-5115	Eccentric Rod Backward		8/15/44	12 x 18	CSRM	1 1.5	
420-A-5014	Erecting Elevation (Engine & Tender)	428-A-5037 12	11/9/44	26 x 106	ACHS		
428-A-5065	Backhead Arrangement		11/7/44		CSRM	101 12.1	
430-A-5000	Erecting Section (8 Half sections)		12/1/44	26 x 84	ACHS		
442-A-5108	Exhaust Flange		7/24/44	12 x 18	ACHS		44-826
442-A-5109	Exhaust Pipe Flange		8/8/44	12 x 18	ACHS		44-831
442-A-5110	Exhaust Pipe Gasket		8/4/44	12 x 18	ACHS		
442-A-5111	Exhaust Pipe Slip Joint		8/12/44	12 x 18	ACHS		44-834/835

Lima Card Number	Part Description for WM #6	Reference	Date	Size	Location	CSRM File #	Pattern Number
442-A-5112	Exhaust Drop Pipe Gasket		8/14/44	12 x 18	ACHS		
442-A-5113	Exhaust Pipe Blower Ring	442-A-208	8/31/44	12 x 18	ACHS		
443-A-5006	Exhaust Pipe & Nozzle		7/8/44	18 x 24	ACHS		44-832/833
443-A-5007	Front Exhaust Pipe		8/17/44	18 x 24	ACHS		
444-A-5000	Exhaust Drop Pipe		8/14/44	24 x 30	CSRM	1 2.1	44-827
447-A-5000	Exhaust Pipe Manifold		8/16/44	24 x 42	CSRM	1 2.1	44-828/829/830
454-A-5001	Fire Brick		12/22/20	24 x 30	CSRM	1 2.1	
480-A-5000	Frame Layout		11/17/44	29 x 137	ACHS		
482-A-5085 ¹²	Frame Boiler Saddle	5025	12/9/20	12 x 18	ACHS		48-651/648 ¹²
482-A-5215	Frame Brace Pad	13007 ¹²	7/6/44	12 x 18	ACHS		48-718
482-A-5216	Furnace Bearer Plate	482-A-5151	10/11/44	12 x 18	ACHS		
482-A-5217	Fabricated Frame Angle		12/22/44	12 x 18	ACHS		
482-AB-5134	Boiler Support Fill Block		11/15/21	12 x 18	ACHS		48-687
483-A-5068	Furnace Bearer Back	482-A-5203	7/18/44	18 x 24	ACHS		48-719
483-A-5070	Furnace Bearer Cross tie Front	483-A-5061	7/19/44	18 x 24	ACHS		48-720
483-A-5071	Frame End Casting (Engine)	483-A-5062	7/24/44	18 x 24	ACHS		44-711-B
483-AB-5072	Frame Center Plate	483-C-5025 ¹²	8/22/44	18 x 24	ACHS		48-722
488-A-5072	Frame Reinforcement		9/22/45		CSRM	102 3.4	
488-A-5073	Frame Reinforcement		10/6/45		CSRM	102 3.4	
517-A-5002	Grate Arrangement	517-A-5001 ¹²	9/16/44	24 x 42	CSRM	1 3.4	
522-A-1153	Grate Shaker Handle		6/16/37	12 x 18	CSRM	1 2.4	52-2056
522-A-1271	Grate Shaker Handle Pin		9/13/44	12 x 18	CSRM	1 2.4	
522-B-1271	Grate Shaker Handle Latch Pin		9/20/44	12 x 18	CSRM	1 2.4	
522-A-1272	Grate Shaker Bracket Latch - Front		9/15/44	12 x 18	CSRM	1 2.4	52-2140
522-B-1272	Grate Shaker Bracket Latch - Rear		9/15/44	12 x 18	CSRM	1 2.4	52-2141
522-A-5021	Grate Center Rail		12/13/20	12 x 18	ACHS		52-1344 ¹²
522-A-5022	Side Rails		12/17/20	12 x 18	ACHS		52-1345 ¹²
522-A-5023	Grate Center Rail Bracket	11821	12/13/20	12 x 18	ACHS		52-530 ¹²
522-A-5029	Grate Dead Plate		12/21/20	12 x 18	ACHS		52-1348 ¹²
522-A-5031 ¹²	Grate Rocker		12/22/20	12 x 18	ACHS		52-21 ¹²

Lima Card Number	Part Description for WM #6	Reference	Date	Size	Location	CSRM File #	Pattern Number
522-A-5152	Grate Shaker Bar	523-A-5001 12	8/30/44	12 x 18	ACHS		
522-A-5153	Grate Shaker Lever	522-A-1261	9/8/44	12 x 18	ACHS		
522-A-5154	Grate Cross Brace Support	522-A-5033 12	9/12/44	12 x 18	ACHS		
522-A-5155	Grate Shaker Rod	522-A-1260	9/13/44	12 x 18	ACHS		
522-AB-5028	Grate Cross Brace	11821	12/17/20	12 x 18	ACHS		52-531 12
522-L-1125	Grate Shaker Pins		6/17/37	12 x 18	CSRM	1 2.4	
522-U-428	Ash Pan Operator Lever Lock Pin		11/18/24	12 x 18	CSRM	1 2.3	
532-A-279	Sand Box Step		2/13/24	12 x 18	CSRM	1 2.4	53-14
532-A-5094	Cab Handle		8/28/44	12 x 18	ACHS		
532-A-5095	Hand Rail Column Bracket		10/7/44	12 x 18	ACHS		
532-A-5097	Bottom Bracket Step		10/9/44	12 x 18	ACHS		
532-A-5098	Cab Ladder Right Side		10/27/44	12 x 18	ACHS		
532-A-5099	Cab Ladder Left Side		10/25/44	12 x 18	ACHS		
532-A-5100	Cab Ladder Bracket		12/11/44	12 x 18	ACHS		
532-A-5102	Cab Handle Post		10/28/44	12 x 18	ACHS		
532-A-5103	Cab Handle Post		10/30/44	12 x 18	ACHS		
532-A-5104	Grab Handle		12/9/44	12 x 18	ACHS		
532-A-5105	Cab Handle Post	53-A-372	12/5/44	12 x 18	ACHS		
532-A-5106	Grab Handle		5/11/45	12 x 18	ACHS		
532-AB-5101	Ladder Brace		12/11/44	12 x 18	ACHS		
532-AC-5096	Hand Rail Post	532-C-893	10/7/44	12 x 18	ACHS		
534-A-5000	Cab Ladder Left Side		11/2/44	24 x 30	CSRM	1 3.4	
534-B-5000	Cab Ladder Right Side		11/2/44	24 x 30	CSRM	1 3.4	
542-AB-5009	Number Plate 16in. L. W. Incorporated		8/15/21	12 x 18	ACHS		54-6
542-A-5031	Patent Plate For Piston Valve Shay Locos		6/15/44	12 x 18	ACHS		54-871
542-A-5032	Headlight Bracket		9/20/44	12 x 18	ACHS		
542-A-5033	Dynamo Bracket	542-A-788	10/6/44	12 x 18	ACHS		
542-A-5035	Electric Fixture Bracket		10/3/44	12 x 18	ACHS		
542-AB-5034	Conduit Clamps		10/11/44	12 x 18	ACHS		
552-A-5019	Injector Support Left Side		4/14/45	12 x 18	ACHS		
552-A-5020	Injector Support Right Side		4/25/45	12 x 18	ACHS		
553-A-5001 12	Feed Hose Connection (2 1/2 inch Hose)		1/21/21	18 x 24	ACHS		55-68
572-A-5020	Boiler Lagging		7/11/44	12 x 18	ACHS		
572-A-58	Washout & Arch Tube Plug Cover			12 x 18	ACHS		
572-AC-68	Lagging Clip		6/30/24	12 x 18	ACHS		
582-A-5045	Link Block Pin		7/1/44	12 x 18	ACHS		

Lima Card Number	Part Description for WM #6	Reference	Date	Size	Location	CSRM File #	Pattern Number
582-A-5047	Link Saddle Pin		7/24/44	12 x 18	ACHS		
582-A-5048	Link Block		7/25/44	12 x 18	ACHS		
582-A-5049	Link Hanger		7/27/44	12 x 18	ACHS		
582-A-5050	Link Hanger Pin		7/27/44	12 x 18	ACHS		
582-AB-5046	Link Block Side Plates		7/25/44	12 x 18	ACHS		
583-A-5007	Link		7/15/44	18 x 24	CSRM	1 3.5	58-417/467
583-A-5008	Link Motion		12/7/44	18 x 24	CSRM	1 3.5	
592-A-5005	Oil Cup #22		2/4/21	12 x 18	ACHS		59/44/45 ¹²
592-A-5007	Grease Cup		3/18/21	12 x 18	ACHS		59-50/51/52 ¹²
592-A-5038	Connecting Rod Grease Plug		11/6/41	12 x 18	ACHS		
592-A-5040	Lubricator Bracket		10/4/44	12 x 18	ACHS		
592-A-5041	Rod Guide Arm		10/4/44	12 x 18	ACHS		
592-A-5043	Oil Can Shelf		11/2/44	12 x 18	ACHS		
592-A-5044	Trk. Center Plate Oil Piping	592-A-756	1/31/45	12 x 18	ACHS		
592-A-5046	Lubricator Feed Marking Plate		5/5/45	12 x 18	ACHS		
592-AB-5042	Oil Pump Connection & Pin	592-A-5030	10/5/44	12 x 18	ACHS		
594-A-5000	Lubricator Arrangement		10/12/44	24 x 30	CSRM	1 3.5	
632-A-5008	Blower Elbow 1in		11/9/26	12 x 18	ACHS		63-80
632-A-5020	Pipe Clamp Bracket		10/11/44	12 x 18	ACHS		
632-A-5022	Pipe Clamp		12/1/44	12 x 18	ACHS		
632-A-5023	Grease Fitting Adapter		5/1/45	12 x 18	ACHS		
632-A-709	Copper Pipe Connection			12 x 18	ACHS		
632-A-725	Pipe Pads			12 x 18	ACHS		
632-AB-5021	Pipe Support & Clamp		10/13/44	12 x 18	ACHS		
632-AF-5019	Pipe Clamp		10/6/44	12 x 18	ACHS		
640-A-5005	Piping Arrgt Engine & Tender		11/16/44	29 x 113	ACHS/CSRM	102 10.5	
643-A-5005	Piping Arrgt Damper Cylinder		10/21/44	18 x 24	CSRM		
643-A-5006	Piping Arrgt Sprinkler		12/1/44	18 x 24	CSRM		
644-A-5006	Piping Arrgt Sander - Front Trucks		12/5/44	24 x 30	CSRM		
647-A-5000	Piping Arrgt Cylinder Cocks		11/14/44		CSRM	2 2.2	
647-A-5001	Piping Arrgt Sander - Rear Trucks		12/18/44		CSRM	2 2.2	
652-A-5003 ¹²	Piston Rod Packing Stud		1/8/19	12 x 18	ACHS		
652-A-5051	Packing Stuffing Box		1/27/21	12 x 18	ACHS		65-307 ¹²
652-A-5052	Packing Stuffing Box Gland		1/27/21	12 x 18	ACHS		65-308 ¹²

Lima Card Number Part Description for WM #6						Reference	Date	Size	Location	CSRM File #	Pattern Number
652-A-5183	Piston Rod		652-A-5002 12	6/30/44	12 x 18	ACHS					
652-AB-5001 12	Piston Head 17in			12/13/18	12 x 18	ACHS				65-314 12	
652-AE-5155	Packing Rings			11/14/23	12 x 18	ACHS					
653-S-5000	Piston Packing Rings			No Date		CSRM			2 1.5	HS1705	
653-AC-5009	Piston Packing Caps, Spring Washer			8/21/44		CSRM			2 1.5	65-211 12	
662-AD-5007	Washout Plugs 1.5in. (Retraced 3/25/40)			3/21/21	12 x 18	ACHS				66-7 12	
662-AD-5010	Plugs		662-A-5007	12/3/29	12 x 18	ACHS					
682-A-5084	Reverse Gear Support			9/19/44	12 x 18	ACHS					
682-A-5085	Power Reverse Lever Support			10/11/44	12 x 18	ACHS					
684-S-902540	Type G Power Reverse Gear Inst.				18 x 24	ACHS					
692-A-5058	Reverse Shaft Arms			8/1/44	12 x 18	ACHS					
692-A-5059	Reverse Shaft Support			9/19/44	12 x 18	ACHS				69-698	
692-A-5062	Ball Coupling Assy.			8/16/44	12 x 18	ACHS					
692-AB-5063	Reach Rod			9/20/44	12 x 18	ACHS					
692-AC-5060	Reverse Shaft Lever Pin			8/3/44	12 x 18	ACHS					
692-AC-5061	Reach Rod			8/14/44	12 x 18	ACHS					
693-AB-5002	Tumbling Shaft			7/12/44	18 x 24	CSRM					
693-AF-5004	Tumbling Shaft Coupling			8/21/44	18 x 24	CSRM			2 2.2	69-700/701	
695-A-5002	Tumbling Shaft Arm Bushings			8/2/44		CSRM			2 2.2		
712-A-5062	Running Board Bracket		712-A-5002 12	10/6/44	12 x 18	ACHS					
712-A-5066	Running Board Bracket			11/1/44	12 x 18	ACHS					
712-A-5067	Running Board Bracket			11/27/44	12 x 18	ACHS					
712-AB-5065	Running Board Bracket			10/13/44	12 x 18	ACHS					
712-AE-5063	Running Board Bracket			10/9/44	12 x 18	ACHS					
712-AE-5064	Running Board Bracket			10/10/44	12 x 18	ACHS					
722-A-5026 12	Connecting Rod Brass (Crosshead End)			12/9/20	12 x 18	ACHS				72-349	
722-AB-5025 12	Connecting Rod Brass (Crank End)			12/6/20	12 x 18	ACHS				72-348	
723-A-5012	Connecting Rods			8/14/44	18 x 24	CSRM			2 3.1		
732-A-5001 12	Sand Box Valve			1/4/19	12 x 18	ACHS				73-90 12	
732-A-5022	Sand Box Valve			2/11/21	12 x 18	ACHS					
732-A-5024	Back Sand Box Top & Lid			2/14/21	12 x 18	ACHS				73-12 12 /314	

Lima Card Number	Part Description for WM #6	Reference	Date	Size	Location	CSRM File #	Pattern Number
732-A-5025	Back Sand Box Base Air Only		3/1/21	12 x 18	ACHS		
732-A-5027	Sand Box Rod Handle		3/2/21	12 x 18	ACHS		73-6 12
732-A-5043	Back Sand Box Brace		10/25/44	12 x 18	ACHS		
732-A-5044	Sand Box Lever	732-A-5011 12	1/20/45	12 x 18	ACHS		
732-AB-5004	Sand Box Lever	194	1/20/20	12 x 18	ACHS		73-20
732-AB-5042	Sand Box Step Support		9/29/44	12 x 18	ACHS		
732-AH-5032	Rear Sand Box		9/26/22	12 x 18	ACHS		
733-A-5021	Sand Box Top	733-A-5014	1/9/45	18 x 24	CSRM	2 3.1	
742-A-5153 12	Line Shaft Bearing Plate		12/6/20	12 x 18	ACHS		74-827 12
742-A-5172 12	Gear Bolt		2/8/21	12 x 18	ACHS		
742-A-5174	Crankshaft Counter Balance Strap		2/1/21	12 x 18	ACHS		
742-A-5461	Line Shaft & Crank Coupling	743-B-5005 12	6/23/44	12 x 18	ACHS		74-578 -A -B 12
742-A-5462	21" Coupling Ring Bushing	742-A-5418	6/20/44	12 x 18	ACHS		74-960
742-A-5464	7" Square Shaft	9000 12	6/23/44	12 x 18	ACHS		74-320 12
742-AB-5151 12	Line Shaft Brass		11/19/20	12 x 18	ACHS		74-825 12
742-AB-5389	Coupling Ring Grease Plug		8/16/29	12 x 18	ACHS		
742-AB-5466	7" Square Shaft Sleeve	742-A-5165 12	7/8/44	12 x 18	ACHS		74-691/692 12
742-AC-5292	Line Shaft Coupling		11/2/22	12 x 18	ACHS		74-490
742-AE-5019 12	Line Shaft Collar		12/9/18	12 x 18	ACHS		74-217
742-AH-5023 12	Line Shaft Washer	9118	12/23/18	12 x 18	ACHS		74-700
742-AL-5236 12	Pinion #20 (20 Teeth) (Retraced 1/24/49)	742-A-5109	8/17/21	12 x 18	ACHS		74-851-B 12
742-B-5389	Coupling Ring Grease Plug		3/13/31	12 x 18	CSRM	2 2.4	
743-A-5032	Counter Balance Weight	15749 12	2/1/21	18 x 24	CSRM	2 3.1	74-713/714/715/716 12
743-A-5052 12	Gear Rim #20 (49 Teeth)	743-A-5031	8/26/21	18 x 24	CSRM	2 3.1	74-852 12
743-A-5144	Line Shafts	743-A-5030 12	7/3/44	18 x 24	CSRM	2 3.1	

Lima Card Number Part Description for WM #6						Reference	Date	Size	Location	CSRM File #	Pattern Number
743-AB-5142	21" Coupling Ring	743-A-5008 12	6/19/44	18 x 24	CSRM	2 3.1	74-958/959				
745-A-5023	Crank Shaft #85	A-15711 12	7/2/44	14 x 43	CSRM	2 3.1					
752-A-5054	Cleaning Hole Flange		3/24/21	12 x 18	ACHS		75-61 12				
752-A-5055	Cleaning Hole Cover		3/23/21	12 x 18	ACHS		75-66 12				
752-A-5079	Smoke Box Front Details		12/1/23	12 x 18	ACHS		75-455				
752-A-5101	Smoke Box Liner Bracket		12/23/36	12 x 18	ACHS						
752-AC-5047	Smoke Box Brace Pad		1/31/21	12 x 18	ACHS		75-10 12				
752-AD-5104	Smoke Box Brace Details	Several	7/6/44	12 x 18	ACHS						
753-A-5036	15" Taper Smoke Stack (Std. 90-3)	12611	9/22/27	18 x 24	CSRM	2 3.2	75-12				
753-A-5049	Smoke Box Brace Assembly		7/7/44	18 x 24	CSRM	2 3.2					
762-AD-5003	Truck Bolster Springs		7/13/21	12 x 18	ACHS						
782-A-5014	Steam Turret Joint Ring	782-A-227	7/20/44	12 x 18	ACHS		78-499				
782-A-5015	Cab Turret Dry Pipe		12/27/44	12 x 18	ACHS						
782-A-5016	Safety Valve Extension	782-A-230	4/12/44	12 x 18	ACHS		78-412				
792-A-5078	Steam Pipe		8/3/44	12 x 18	ACHS		79-1089				
792-A-5079	Steam Pipe Bracket	79-A-5004	9/6/44	12 x 18	ACHS						
792-AB-5077	Steam Pipe Slip Joint		8/2/44	12 x 18	ACHS		79-1087				
792-B-110	Steam Pipe Joint Ring		4/2/28	12 x 18	CSRM	2 2.5	79-405				
792-J-100	Steam Pipe Joint Ring		No Date	12 x 18	CSRM	2 2.5	79-115				
792-P-105	Steam Pipe Joint Ring		3/31/28	12 x 18	CSRM	2 2.5	79-974				
792-R-99	Steam Pipe Joint Ring		3/29/28	12 x 18	CSRM	2 2.5	79-115				
792-Y-110	Steam Pipe Joint Ring		6/21/39	12 x 18	CSRM	2 2.5	79-932				
793-A-5001	Steam Pipe Casing - On Smoke Box		12/4/20	18 x 24	CSRM	2 3.2	79-647 12				
794-A-5001	Steam Pipe Manifold		8/2/44	24 x 30	CSRM	2 3.5	79-1084/1085/1086				
812-A-5024	Unit Joint Shield		8/30/44	12 x 18	ACHS						
812-A-5026	Damper Cyl. Arm		11/11/44	12 x 18	ACHS						
812-A-51	Superheater Deflecting Plate Stud & Clamp		4/11/21	12 x 18	ACHS						
812-AB-5025	Damper Rigging Pins	812-A-14	9/16/44	12 x 18	ACHS						
812-AK-5012	Header Support		10/6/22	12 x 18	ACHS						
817-A-5000	Superheater Smoke Box Arrangement	814-A-5002 12	8/10/44	24 x 42	CSRM	3 1.5					
823-A-5006	Tank Valve Stem Handle		4/7/21	18 x 24	CSRM	3 1.3	82-14/15 12				

Lima Card Number Part Description for WM #6									
Lima Card Number	Part Description	Reference	Date	Size	Location	CSRM File #	Pattern Number		
823-A-5008	Tank Valve - Water Arrangement		6/23/38	18 x 24	CSRM	3 1.3	82-139/145 12		
837-A-5000	Fuel Bunker	833-A-5003 12	9/7/44	24 x 42	ACHS/CSRM	3 1.5			
852-A-5004	Rear Frame Brace		8/22/44	12 x 18	ACHS				
852-A-5005	Frame End Timber Brace	11090s4	8/26/44	12 x 18	ACHS		48-3 12		
852-A-5006	Tender Frame Center Plate		8/29/44	12 x 18	ACHS				
852-A-5007	Tender Frame Detail		10/11/44	12 x 18	ACHS				
853-B-5005	Tender Frame End Casting		8/22/44	18 x 24	CSRM	3 1.4	85-110		
858-A-5000	Tender Frame		9/12/44	26 x 52	ACHS				
882-A-5010 12	Tank Ladder		12/8/20	12 x 18	ACHS				
882-A-5011 12	Tank Funnel	5091	12/14/20	12 x 18	ACHS				
884-A-5007	Tender Water Tank (6,000 Gal.)	884-A-5000 12	6/20/44	24 x 30	ACHS				
884-A-5008	Tank Shoveling Sheet		11/10/44	24 x 30	CSRM	3 2.1			
912-A-5044 12	Throttle Valve	12103s1	12/13/20	12 x 18	ACHS		91-155 12		
912-A-5045 12	Dry Pipe	Several	12/14/20	12 x 18	ACHS		91-59 12		
912-A-5088	Throttle Stuffing Box & Gland		7/17/25	12 x 18	ACHS				
912-A-5103	Throttle Lever Boss	272-A-162	10/23/44	12 x 18	ACHS				
912-A-5104	Throttle Lever Fulcrum		5/7/45	12 x 18	ACHS				
912-A-5105	Throttle Valve Support		5/7/45	12 x 18	ACHS				
912-AB-5046 12	Dry Pipe Support		1/3/21	12 x 18	ACHS				
912-AB-5050	Throttle Stuffing Box & Gland		1/22/21	12 x 18	ACHS		91-14/155 12		
912-AB-5102	Throttle Lever Quadrant	913-A-5018-19	3/19/36	12 x 18	ACHS		91-21 12		
912-AC-5015	Dry Pipe		7/12/19	12 x 18	ACHS		91-171-A 12		
912-AE-5008 12	Throttle Valve Stem		1/20/19	12 x 18	ACHS				
913-A-5015	Throttle Case		12/4/20	18 x 24	CSRM	3 2.5	91-171-A 12		

Lima Card Number	Part Description for WM #6	Reference	Date	Size	Location	CSRM File #	Pattern Number
913-A-5036	Throttle Arrangement	917-A-5000 12	8/23/44	18 x 24	CSRM	3 2.5	
913-AF-5018	Throttle Lever		2/15/21	18 x 24	ACHS		
922-A-5006	Jack Screw	15000 12	2/11/20	12 x 18	ACHS		92-5/8 12
922-A-5007	Jack Screw	15000 12	2/11/20	12 x 18	ACHS		92-3/6 12
922-A-5010	Ash Hoe		3/19/26	12 x 18	ACHS		
932-A-5001	Equipment List		9/19/44	12 x 18	CSRM		
923-A-5005	Wrecking Frogs - Inside		2/29/24	18 x 24	CSRM		92-66
923-A-5006	Wrecking Frogs - Outside		2/28/24	18 x 24	CSRM		92-67
932-A-5223 12	Trk. Diagonal Brace Bars		11/13/20	12 x 18	ACHS		
932-A-5224 12	Trk. Equalizer		11/15/20	12 x 18	ACHS		
932-A-5226 12	Trk. Diagonal Bar		11/17/20	12 x 18	ACHS		
932-A-5228 12	Trk. Journal Brass		11/17/20	12 x 18	ACHS		93-701 12
932-A-5229 12	Trk. Cross Tie Top		11/17/20	12 x 18	ACHS		93-703 12
932-A-5232 12	Trk. Cross Tie Bar Top		11/24/20	12 x 18	ACHS		
932-A-5233 12	Trk. Cross Tie Bar Top		11/24/20	12 x 18	ACHS		
932-A-5234 12	Trk. Cross Tie Bar Bottom		11/29/20	12 x 18	ACHS		
932-A-5242 12	Trk. Cross Tie Bar Top		11/18/20	12 x 18	ACHS		
932-A-5249 12	Trk. Safety Chain		1/8/21	12 x 18	ACHS		
932-A-5505	Trk. Thrust Plate	932-F-5481	3/11/28	12 x 18	ACHS		93-917
932-A-5677	Trk. Inside Box Cap	932-A-5531	6/7/44	12 x 18	ACHS		93-913
932-A-5678	Trk. Inside Journal Box	932-A-5220 12	6/8/44	12 x 18	ACHS		93-914
932-A-5679	Trk. Box Wedge Bolt	932-A-5529	6/13/44	12 x 18	ACHS		
932-A-5681	Bolster Bewel Washer		10/28/44	12 x 18	ACHS		
932-AB-5221 12	Trk. Center Plate	9608	11/10/20	12 x 18	ACHS		93-697-A 12

Lima Card Number	Part Description for WM #6	Reference	Date	Size	Location	CSRM File #	Pattern Number
932-AB-5222 12	Trk. Box Cap Right		11/13/20	12 x 18	ACHS		93-696 12
932-AB-5235 12	Trk. Cross Tie Bar Bottom		11/29/20	12 x 18	ACHS		
932-AB-5236 12	Trk. Tie Bar Bottom		11/30/20	12 x 18	ACHS		
932-AB-5239 12	Trk. Cross Tie Bar Top		11/30/20	12 x 18	ACHS		
932-AB-5240 12	Trk. Cross Tie Bar Top		11/30/20	12 x 18	ACHS		
932-AB-5682	Trk. Gear Cover		10/31/44	12 x 18	ACHS		
932-AB-5683	Trk. Gear Cover		10/31/44	12 x 18	ACHS		
932-AC-5247 12	Side Bearing Base		12/7/20	12 x 18	ACHS		93-417 12
932-AC-5295 12	Trk. Bolster End Separator		3/2/21	12 x 18	ACHS		93-407 12
932-AY-5243 12	Side Bearing Base Block		12/4/20	12 x 18	ACHS		
932-AC-5684	Trk. Gear Cover Details		11/1/44	12 x 18	ACHS		
932-AM-5404	Trk. Side Bearing Block		3/8/22	12 x 18	ACHS		93-81
933-A-5168	Thrust Plate Wedge	932-A-5559	6/9/44	18 x 24	CSRM	3 2.5	93-915
933-A-5169	Truck Pedestal Cap	932-A-5529	6/13/44	18 x 24	CSRM	3 2.5	93-916
933-A-5170	Truck Bolster	933-A-5068 12	7/5/44	18 x 24	CSRM	3 2.5	
933-B-5064 12	Left Truck Pedestal		3/8/45	18 x 24	CSRM	3 2.5	93-694 12
933-C-5066 12	Right Truck Frame (Retraced 7/12/49)		12/28/32	18 x 24	CSRM	3 2.5	93-698 12
933-C-5067 12	Left Truck Frame (Retraced 7/12/44)		12/28/32	18 x 24	CSRM	3 2.5	93-704 12
933-C-5069 12	Right Truck Journal Box (Retraced 7/1/49)	933-A-5063	6/14/44	18 x 24	CSRM	3 2.5	93-695 12
939-AC-5002	Truck Plan	939-AB-5000 12	10/26/44	27 x 66	ACHS		
942-A-5100	V.S. Crosshead Key Fit-up		6/30/44	12 x 18	ACHS		
942-A-5101	Steam Chest Valve Stem	942-A-261	6/30/44	12 x 18	ACHS		
942-A-5102	Valve Stem Crosshead		7/1/44	12 x 18	ACHS		94-442
942-A-5103	Valve Stem Crosshead Guide Bracket		7/24/44	12 x 18	ACHS		94-423
942-A-5104	Valve Stem Crosshead Guide		7/7/44	12 x 18	ACHS		94-425
942-A-5105	Valve Stem Gland		6/29/44	12 x 18	ACHS		94-426

Lima Card Number	Part Description for WM #6	Reference	Date	Size	Location	CSRM File #	Pattern Number
943-A-5008	Piston Valve		6/29/44	18 x 24	CSRM	3 2.5	94-419/4204/21
952-A-5068	Steel Tire (Section 175)	952-A-5012 12	6/23/44	12 x 18	ACHS		
953-A-5014 12	Wheel Center	953-A-5011	12/10/44	18 x 24	CSRM	3 3.1	95-263-B 12
962-A-5002 12	Whistle Elbow	962-A-24	12/27/20	12 x 18	ACHS		96-75 12
962-AB-5022	Whistle Shaft Bracket		10/11/44	12 x 18	ACHS		
962-CD-212	Whistle Rod, Counterbalance		5/8/43	12 x 18	CSRM	3 2.4	
963-A-5002	Whistle Rigging		10/11/44	18 x 24	CSRM	3 3.1	
981-A-5009	Clearance Diagram			12 x 18	ACHS		
982-A-5005	Clearance Diagram		2/2/45	12 x 18	ACHS		
992-A-460	Billet List		11/1/44	12 x 18	CSRM	3 2.4	
A-9548	Truck Bolster Spring Centers		4/1/15		CSRM	4 3.2	93-53 12
A-11149 12	Whistle Details		6/4/14	9 x 12	ACHS		
A-11911	Ash Pan Hopper & Slide		8/12/14	18 x 24	ACHS		10-147/148 12
A-15147	Tank Valve Stems			9 x 12	ACHS		
B-11138 12	Name Plate (Retraced 4/7/31)		2/13/17	9 x 12	ACHS		54-4 12
C-2934	Thermatic Syphon			24 x 36	ACHS		
H7	Stenciling Card			18 x 36	ACHS		

Recommended Basic List of Drawings For GC&E #12

Lima Card Number	Part Description for GC&E #12	Size	Location	CSRM File #
130-A-5001	Boiler		CSRM	101 2.6
187-A-5006	Steam Bracket		CSRM	1 1.2
214-B-5000	Front End Timber Arrg't	24 x 30	CSRM	1 1.3
214-B-5002	Rear End Timber Arrg't	24 x 30	CSRM	1 1.3
428-A-5037	Erecting Elevation (Engine & Tender)		CSRM	101 11.6
434-A-5001	Erecting Section	24 x 30	CSRM	1 2.1
488-A-5016	Frame Layout		CSRM	102 3.1
517-A-5001	Grate Arrangement		CSRM	1 3.4
743-A-5030	Line Shafts	18 x 24	CSRM	2 3.1
814-A-5002	Superheater Smoke Box Arrangement	24 x 42	CSRM	3 1.5
833-A-5003	Fuel Bunker	24 x 42	CSRM	3 1.5
857-A-5001	Tender Frame		CSRM	3 1.5
884-A-5000	Tender Water Tank (6,000 Gal.)	24 x 30	CSRM	
933-A-5068	Truck Bolster	18 x 24	CSRM	3 2.5
939-AB-5000	Truck Plan		CSRM	103 6.3
4911	Coupling Ring		CSRM	4 2.3
4965	7" Square Shaft Sleeve		CSRM	4 2.3
8124	Link Motion		CSRM	4 2.5
8410	Eccentric		CSRM	4 2.5
8706	Bottom Bracket Wedge		CSRM	4 2.5
8719	Bottom Bracket Bearing & Caps		CSRM	4 2.5
9055	Line Shaft & Crank Coupling		CSRM	4 3.1
A-15711	Crank Shaft #62	14 x 43	CSRM	
A-15940	Cylinder		CSRM	5 1.2

Lima Card Number	Part Description for GC&E #12	Reference	Date	Size	Location	CSRM File #	Pattern Number
3176	Brake Piston Rings		3/29/01		CSRM	4 2.2	
3839	Throttle Stuffing Box Flange		3/16/03		CSRM	4 2.2	91-152 ⑥
4345	Brake Valve		3/19/12		CSRM	4 2.3	20-38/39/40
4469	Indicator Plug		7/12/02		CSRM	4 2.3	
4755	Rod Oil Cup Assembly		11/11/02		CSRM	4 2.3	59-7/8/9/10/11
4911	Coupling Ring 21"		2/7/03		CSRM	4 2.3	74-453/454
4965	7" Square Shaft Sleeve		3/16/03		CSRM	4 2.3	74-568/569
5126	Reverse Lever Latch		5/16/03		CSRM	4 2.4	
5231	Brake Shoes		8/3/03		CSRM	4 2.4	20-431
5255	Bell Yoke Nut		7/9/09		CSRM	4 2.4	12-40
7107	Guide Oil Cup & Cap		4/21/04		CSRM	4 2.5	59-41/42
7134	Lubricator Check		1/9/35		CSRM	4 2.5	
7138	Air Pump Oil Fitting		No Date		CSRM	4 2.5	
7154	Grease Cup		5/12/11	12 x 18	ACHS/CSRM	4 2.5	59-50 ⑥
7309	Cylinder Cock Hand Lever		5/16/06		CSRM	4 2.5	28-15
7326	Cylinder Cock		11/9/12		CSRM	4 2.5	26-53/54/55/57/58
7608	Valve Yoke Key		6/19/12		CSRM	4 2.5	
7716	Packing Stuffing Box		11/6/05		CSRM	4 2.5	65-325
7717	Packing Stuffing Box & Gland		11/14/05		CSRM	4 2.5	65-307/308 ⑥
7718	Packing Swab Cap		12/27/05		CSRM	4 2.5	65-315 ⑥
7733	Packing Spring Washer		No Date		CSRM	4 2.5	65-211 ⑥
7734	Packing Vibrating Cups		No Date		CSRM	4 2.5	65-131 ⑥
7742	Piston Rod Packing (Babbit)		3/22/07		CSRM	4 2.5	
7900	Guide		8/25/05		CSRM	4 2.5	50-3 ⑥
8003	Valve Stem Crosshead		1/30/07		CSRM	4 2.5	94-60
8006	Valve Yoke Key		No Date		CSRM	4 2.5	
8008	Valve Stem Crosshead Guide		2/11/07		CSRM	4 2.5	94-58/59/109
8105	Link Hanger		3/29/29		CSRM	4 2.5	
8124	Link Motion		7/12/13		CSRM	4 2.5	58-205
8204	Tumbling Shaft		11/22/05		CSRM	4 2.5	
8223	Tumbling Shaft Collar		7/7/13		CSRM	4 2.5	69-44
8340	Tumbling Shaft Coupling		11/12/12		CSRM	4 2.5	69-58/59/60

Lima Card Number	Part Description for GC&E #12	Reference	Date	Size	Location	CSRM File #	Pattern Number
8342	Reverse Lever Shaft Bracket		8/8/13		CSRM	4 2.5	68-103
8410	Eccentric		12/9/04		CSRM	4 2.5	39-124/125
8508	Link Hanger Pin		No Date		CSRM	4 2.5	
8509	Eccentric Rod Bolts		No Date		CSRM	4 2.5	
8510	Eccentric Rod Pin		No Date		CSRM	4 2.5	
8512	Link Block Pin		10/16/07		CSRM	4 2.5	
8706	Bottom Bracket Bearing Wedge		12/18/14		CSRM	4 2.5	18-45 6
8710	Steam Bracket Brace		1/13/06		CSRM	4 2.5	
8711	Bottom Bracket Step		2/5/06		CSRM	4 2.5	53-99
8717	Bottom Bracket Caps		No Date		CSRM	4 2.5	18-57 6
8719	Bottom Bracket Bearing -Top				CSRM	4 2.5	18-328 6
8733	Bottom Bracket Wedge Screw Cap		No Date		CSRM	4 2.5	
8964	Connecting Rod Wedge		1/26/31		CSRM	4 2.5	
8975	Connecting Rods		9/5/13		CSRM	4 2.5	
9000	Square Shaft		3/17/04		CSRM	4 3.1	74-320 6
9055	Line Shaft & Crank Coupling		8/1/13		CSRM	4 3.1	74-171
9868	Brake Heads		No Date		CSRM	4 3.2	20-603 6
10006	Headlight Bracket		12/5/06	9 x 12	ACHS		
10013	Headlight Plate For Rear Headlight		2/24/13	9 x 12	ACHS		
10019	Brackets For Generator Set		6/6/17	9 x 12	ACHS		
10339	Push Pole Pocket		8/20/06	9 x 12	ACHS		21-7 6
10449	Draw Bar Guide		5/27/09		CSRM	4 3.2	37-302 6
10802	Eng. Frame End Casting		1/5/06	18 x 24	ACHS		48-521-A
10849	Safety Link (Retraced 6/7/44)	10820	5/14/15	9 x 12	ACHS		
11090	End Timber Angle Braces (Retraced 3/3/32)		2/14/10	18 x 24	ACHS		48-3
11165	Cab Arm Rest For Steel Cab Cd-11161		4/24/07	9 x 12	ACHS		
11316	Syphon 5 in.		1/26/11	9 x 12	ACHS		82-185
11329	Syphon Hose Nipple		8/31/15	9 x 12	ACHS		
11420	Hand Rail Post		8/10/06	9 x 12	ACHS		53-1/3/4/5/6
11615	Dome Cap & Ring 29 in. (Retraced 7/25/29)		10/27/06	9 x 12	ACHS		
12108	Steam Pipe Joint Ring		10/7/04		CSRM	4 3.3	79-32
12135	Throttle Lever Assembly		5/12/06		CSRM	4 3.3	
12204	Front Sand Box		10/10/05	12 x 18	ACHS/CSRM	4 3.3	73-87/88

Lima Card Number	Part Description for GC&E #12	Reference	Date	Size	Location	CSRM File #	Pattern Number
12207	Back Sand Box Base		8/28/06	9 x 12	ACHS/CSRM	4 3.3	73-5 ⑥
12208	Handle		8/17/06		CSRM	4 3.3	73-6 ⑥
12249	Back Sand Box Top & Cover		12/9/14		CSRM	4 3.3	73-11/12 ⑥
12251	Back Sand Box		5/21/15		CSRM	4 3.3	
12511	Bell		6/27/12		CSRM	4 3.3	12-25
12512	Bell Yoke		7/9/12		CSRM	4 3.3	12-27
12535	Bell Tongue		8/2/09		CSRM	4 3.3	12-35 ⑥
12541	Bell Frame		11/9/12		CSRM	4 3.3	
12911	Cleaning Hole Flange & Cover		10/24/06		CSRM	4 3.3	75-61/66 ⑥
13002	Smoke Box Brace Pad Pin		12/21/14		CSRM	4 3.4	
13003	Smoke Box Brace Pad Washer		12/21/14		CSRM	4 3.4	
13007	Smoke Box Brace Pad (Frame)		7/22/29		CSRM	4 3.4	48-16
13014	Smoke Box Brace Pad (Smoke Box)		8/14/17		CSRM	4 3.4	75-10 ⑥
13100	Ash Hoe		3/4/15		CSRM	4 3.4	
13102	Hammer - Soft		8/4/15		CSRM	4 3.4	92-16 ⑥
13523	Brake Release Check & Valve		3/21/08		CSRM	4 3.4	63-64/65
13526	Brake Cylinder Stuffing Box Gland		3/12/08		CSRM	4 3.4	20-65
15000	Jack Screw		9/20/06		CSRM	4 3.5	92-3/5/6/8 ⑥
15142	Siphon Hose Strainer		8/29/06		CSRM	4 3.5	74-713/714/
15749	Counterbalance Weight		10/27/13		CSRM	5 1.1	715/716 ⑥
130-A-5001	Boiler		12/13/20		CSRM	101 2.6	
184-A-5011	Steam Bracket Back		12/28/20	24 x 30	CSRM	1 1.2	18-384
187-A-5006	Steam Bracket		12/14/20		CSRM	1 1.2	18-116
202-A-5227 ⑥	Brake Shoe		7/28/28	12 x 18	ACHS		20-438 ⑥
203-AF-5008 ⑥	Brake Head	9868	2/22/21	18 x 24	ACHS		20-603-A ⑥
214-B-5000	Front End Timber Arrgt		12/29/20	24 x 30	CSRM	1 1.3	
214-B-5002	Rear End Timber Arrgt		12/28/20	24 x 30	CSRM	1 1.3	
223-A-5013	Cab - Steel	223-A-5006	12/21/20	18 x 24	ACHS		

Lima Card Number	Part Description for GC&E #12	Reference	Date	Size	Location	CSRM File #	Pattern Number
284-A-5000	Cylinder Cock		8/31/21	24 x 30	CSRM	1 1.3	
303-A-5003 ⑥	Cross Head	7802	12/19/20	18 x 24	CSRM	1 1.4	30-191 ⑥
314-A-5002	Cylinder Frame		12/19/20	24 x 30	CSRM	1 1.4	31-101
323-AB-5000 ⑥	Cylinder Head		12/14/18	18 x 24	CSRM	1 1.5	32-225 ⑥
363-A-5012	Dome Casing		1/14/20	18 x 24	CSRM	1 1.5	
373-A-5015	Draft Gear Frame Rear		12/8/20	18 x 24	CSRM	1 1.5	
373-A-5016	Draw Head		12/16/20	18 x 24	CSRM	1 1.5	37-355 ⑥
373-B-5005	Draft Gear Frame Front		12/16/18	18 x 24	CSRM	1 1.5	
392-AC-5002	Eccentric Rod		2/19/19	12 x 18	CSRM	1 1.5	
392-B-5018	Eccentric Strap		12/21/20	12 x 18	CSRM	1 1.5	
428-A-5037	Erecting Elevation (Engine & Tender)		1/5/20		CSRM	101 11.6	
434-A-5001	Erecting Section		12/27/20	24 x 30	CSRM	1 2.1	
454-A-5001	Fire Brick		12/22/20	24 x 30	CSRM	1 2.1	
482-A-5084	Truss Rod Bearer	12440	12/4/20	12 x 18	ACHS		48-645
482-A-5085 ⑥	Frame Boiler Saddle	5025	12/9/20	12 x 18	ACHS		48-648/651 ⑥
482-A-5087	Truss Head	12445	12/18/20	12 x 18	ACHS		
482-AB-5083	Frame Truss Pad	482-C-5010	12/1/20	12 x 18	ACHS		48-644/647
482-AC-5086	Truss Rod End Washer		12/17/20	12 x 18	ACHS		
483-A-5029	Expansion Plate		12/20/20	18 x 24	ACHS		
483-AD-5025	Frame Center Plate		11/13/20	18 x 24	ACHS		48-657
484-A-5005	Furnace Bearer Right			24 x 30	CSRM		48-646
484-A-5006	Furnace Bearer Left			24 x 30	CSRM		48-650
488-A-5016	Frame Layout		1/5/21		CSRM	102 3.1	
502-AB-5000	Guide		9/6/19	12 x 18	ACHS		
517-A-5001	Grate Arrangement		1/17/20		CSRM	1 3.4	
522-A-5031 ⑥	Grate Rocker		12/22/20	12 x 18	ACHS		52-21 ⑥
532-A-5029	Trk. Box Step Right		12/23/20	12 x 18	ACHS		
532-AD-5018	Trk. Box Step		7/13/20	12 x 18	ACHS		53-249
532-AD-5027	Cab Hand Rail		12/23/20	12 x 18	ACHS		
532-D-16	Hand Rail Columns		No Date	12 x 18	CSRM	1 2.4	53-163
533-A-5008	Cab Steps		12/23/20	18 x 24	ACHS		
533-AH-5003	Sand Box Step Bracket		10/24/19	18 x 24	ACHS		
542-A-30	Patent Plate		6/11/19	12 x 18	CSRM	1 2.5	54-6
552-D-5000	Injector Stop Valve		1/25/19	12 x 18	CSRM	1 3.2	
553-A-5000	Tank Hose Connection 3 inch Hose		1/21/21	18 x 24	ACHS		

Lima Card Number	Part Description for GC&E #12	Reference	Date	Size	Location	CSRM File #	Pattern Number
553-A-5001 ⑥	Feed Hose Connection 2 1/2 inch Hose		1/21/21	18 x 24	ACHS		
572-A-5005	Cylinder Hood		1/18/20	12 x 18	ACHS		
632-A-5	Steam Pipe Union		4/19/18	12 x 18	CSRM	2 1.1	
632-B-4	Damper Cylinder Pipe Fitting		6/10/19	12 x 18	CSRM	2 1.1	
652-A-5003 ⑥	Piston Rod Packing Stud		1/8/19	12 x 18	ACHS		
652-AB-5001 ⑥	Piston Head 17in		12/13/18	12 x 18	ACHS		65-314 ⑥
652-AB-5002	Piston Rod		1/7/19	12 x 18	ACHS		
653-F-5002	Piston Rod		No Date	18 x 24	CSRM	2 1.5	
653-S-5000	Piston Packing Rings		No Date	18 x 24	CSRM	2 1.5	
662-C-1	Arch Tube Plug		No Date	12 x 18	CSRM	2 1.4	66-65 ⑥
682-A-5003	Reverse Lever		1/18/19	12 x 18	ACHS		
683-A-5001	Reverse Lever Arrangement		7/15/27	18 x 24	CSRM	2 1.5	
683-A-5000	Reverse Lever Quadrant Plate		1/18/19	18 x 24	CSRM	2 1.5	
683-B-5001	Reverse Lever Arrangement		12/22/20	18 x 24	CSRM	2 1.5	
692-A-5012	Tumbling Shaft Box Cap		12/8/20	12 x 18	ACHS		69-11/333
692-A-5044	Counter Balance Spring Arrgt.		7/21/21	12 x 18	ACHS		
692-A-5045	Counter Balance Spring Details		8/2/21	12 x 18	ACHS		
713-D-5005	Running Board Bracket Tender		No Date	18 x 24	CSRM	2 3.1	
713-E-5005	Running Board Bracket Tender		No Date	18 x 24	CSRM	2 3.1	
713-F-5005	Running Board Bracket Engine		No Date	18 x 24	CSRM	2 3.1	
713-H-5005	Running Board Bracket Engine		No Date	18 x 24	CSRM	2 3.1	
713-J-5005	Running Board Bracket Tender		No Date	18 x 24	CSRM	2 3.1	
713-K-5005	Running Board Bracket Engine		No Date	18 x 24	CSRM	2 3.1	
713-B-5006	Running Board Tender		12/23/20	18 x 24	CSRM	2 3.1	
722-A-5026 ⑥	Connecting Rod Brass (Crosshead End)		12/9/20	12 x 18	ACHS		72-349 ⑥
722-AB-5025 ⑥	Connecting Rod Brass (Crank End)		12/6/20	12 x 18	ACHS		72-348 ⑥
732-A-5001 ⑥	Sand Box Valve		1/4/19	12 x 18	ACHS		73-90 ⑥
733-A-5011	Sand Box Base		12/13/20	18 x 24	CSRM	2 3.1	73-172
742-A-5153 ⑥	Line Shaft Bearing Plate		12/6/20	12 x 18	ACHS		74-827 ⑥
742-A-5154	Line Shaft Oil Celler	4911	12/6/20	12 x 18	ACHS		74-455/456
742-A-5172 ⑥	Gear Bolt		2/8/21	12 x 18	ACHS		

Lima Card Number	Part Description for GC&E #12	Reference	Date	Size	Location	CSR File #	Pattern Number
742-AB-5151 ⑥	Line Shaft Brass		11/19/20	12 x 18	ACHS		74-825 ⑥
742-AC-5021	Line Shaft Collar		12/11/18	12 x 18	ACHS		74-828
742-AE-5019 ⑥	Line Shaft Collar		12/9/18	12 x 18	ACHS		74-686 ⑥
742-AH-5023 ⑥	Line Shaft Washer	9118	12/23/18	12 x 18	ACHS		74-700 ⑥
742-AL-5236 ⑥	Pinion #20 (20 Teeth, Retraced 1/24/49)	742-A-5109	8/17/21	12 x 18	ACHS/CSR		74-851-B ⑥
743-A-5008	Coupling Ring		2/13/19	18 x 24	CSR	2 3.1	74-453/454
743-A-5029	Line Shaft Coupling		12/1/20	18 x 24	CSR		74-578-C
743-A-5030	Line Shafts		12/2/20	18 x 24	CSR	2 3.1	
743-A-5052 ⑥	Gear Rim #20 (49 Teeth)	743-A-5031	8/26/21	18 x 24	CSR	2 3.1	74-852 ⑥
743-B-5005	Line Shaft Coupling		12/20/18	18 x 24	CSR	2 3.1	74-578-A ⑥
752-A-5020	Smoke Stack Cone		11/30/20	12 x 18	ACHS		75-466
752-A-5021	Smoke Stack Base	12692	11/30/20	12 x 18	ACHS		75-467
752-A-5022	Smoke Stack Saddle		12/2/20	12 x 18	ACHS		75-468
752-A-5030	Draft Pipe	A-12905	12/30/20	12 x 18	ACHS		75-471
752-A-5031	Draft Pipe Support		1/4/21	12 x 18	ACHS		
752-AF-5026	Smoke Stack Rings		12/28/20	12 x 18	ACHS		
753-A-5004	Smoke Box Door Liner Bracket		7/9/18	18 x 24	CSR	2 3.2	
753-A-5008	Smoke Box Front & Door		1/2/19	18 x 24	CSR	2 3.2	
753-A-5022	Smoke Stack		11/30/20	18 x 24	CSR	2 3.2	
782-A-21	Safety Valve Joint Ring & Elbow		8/13/19	18 x 24	CSR	2 2.5	78-116/117 ⑥
782-A-5002	Turret Details		1/14/20	12 x 18	ACHS		
792-A-5032	Steam Pipe Slip Joint	792-A-5009	12/2/20	12 x 18	ACHS		79-644
792-A-5033	Steam Pipe Elbow	792-A-5015	12/3/20	12 x 18	ACHS		79-646
792-A-5034	Steam Pipe Joint Ring		12/8/20	12 x 18	ACHS		79-648
792-AY-5031	Steam Pipe		12/2/20	12 x 18	ACHS		
793-A-5001	Steam Pipe Casing		12/4/20	18 x 24	CSR	2 3.2	79-647 ⑥
812-A-18	Superheater Damper Counterweight		4/5/21	12 x 18	CSR	3 1.1	81-31
812-A-5001	Damper Cyl. Arm	L.S.Co.Prt.	7/22/19	12 x 18	ACHS		
812-AB-5006	Damper	L.S.Co.Prt.	12/24/20	12 x 18	ACHS		
813-A-5004	Superheater Header		12/21/20	18 x 24	CSR	3 1.3	
814-A-5002	Superheater Smoke Box Arrangement		1/3/21	24 x 42	CSR	3 1.5	
833-A-5003	Fuel Bunker		12/14/20	24 x 42	CSR	3 1.5	

Lima Card Number	Part Description for GC&E #12	Reference	Date	Size	Location	CSRM File #	Pattern Number
857-A-5001	Tender Frame		12/11/20		CSRM	3 1.5	
882-A-5010 ⑥	Tank Ladder		12/8/20	12 x 18	ACHS		
882-A-5011 ⑥	Tank Funnel	5091	12/14/20	12 x 18	ACHS		
884-A-5000	Tender Water Tank (6,000 Gal.)		12/6/20	24 x 30	CSRM		
912-A-5044 ⑥	Throttle Valve	12103s1	12/13/20	12 x 18	ACHS		91-155 ⑥
912-A-5045 ⑥	Dry Pipe	Several	12/14/20	12 x 18	ACHS		
912-AB-5046 ⑥	Dry Pipe Support		1/3/21	12 x 18	ACHS		
912-AE-5008 ⑥	Throttle Valve Stem		1/20/19	12 x 18	ACHS		
913-A-5015	Throttle Case		12/4/20	18 x 24	CSRM	3 2.5	91-171-A ⑥
917-A-5000	Throttle Arrangement		12/22/20		CSRM	3 2.5	
932-A-5220	Trk. Inside Box		11/9/20	12 x 18	ACHS		93-693
932-A-5223 ⑥	Trk. Diagonal Brace Bars		11/13/20	12 x 18	ACHS		
932-A-5224 ⑥	Trk. Equalizer		11/15/20	12 x 18	ACHS		
932-A-5225	Trk. Inside Box Cap	9338I4	11/17/20	12 x 18	ACHS		93-702
932-A-5226 ⑥	Trk. Diagonal Bar		11/17/20	12 x 18	ACHS		
932-A-5227	Trk. Thrust Plate		11/16/20	12 x 18	ACHS		93-699
932-A-5228 ⑥	Trk. Journal Brass		11/17/20	12 x 18	ACHS		93-701 ⑥
932-A-5229 ⑥	Trk. Cross Tie Top		11/17/20	12 x 18	ACHS		93-703 ⑥
932-A-5231	Trk. Pedestal Cap		11/20/20	12 x 18	ACHS		93-705
932-A-5232 ⑥	Trk. Cross Tie Bar Top		11/24/20	12 x 18	ACHS		
932-A-5233 ⑥	Trk. Cross Tie Bar Top		11/24/20	12 x 18	ACHS		
932-A-5234 ⑥	Trk. Cross Tie Bar Bottom		11/29/20	12 x 18	ACHS		
932-A-5241	Trk. Gear Cover Bracket		12/1/20	12 x 18	ACHS		
932-A-5242 ⑥	Trk. Cross Tie Bar Top		11/18/20	12 x 18	ACHS		

Lima Card Number Part Description for GC&E #12										Reference	Date	Size	Location	CSRM File #	Pattern Number
932-A-5249 ⑥	Trk. Safety Chain					1/8/21	12 x 18	ACHS							
932-AB-5221 ⑥	Trk. Center Plate		9608			11/10/20	12 x 18	ACHS							93-697 ⑥
932-AB-5222 ⑥	Trk. Box Cap Right					11/13/20	12 x 18	ACHS							93-696 ⑥
932-AB-5235 ⑥	Trk. Cross Tie Bar Bottom					11/29/20	12 x 18	ACHS							
932-AB-5236 ⑥	Trk. Tie Bar Bottom					11/30/20	12 x 18	ACHS							
932-AB-5237	Trk. Gear Cover					12/16/20	12 x 18	ACHS							
932-AB-5239 ⑥	Trk. Cross Tie Bar Top					11/30/20	12 x 18	ACHS							
932-AB-5240 ⑥	Trk. Cross Tie Bar Top					11/30/20	12 x 18	ACHS							
932-AC-5247 ⑥	Side Bearing Base					12/7/20	12 x 18	ACHS							93-417
932-AC-5295 ⑥	Trk. Bolster End Separator					3/2/21	12 x 18	ACHS							93-407 ⑥
932-AY-5243 ⑥	Side Bearing Base Block					12/4/20	12 x 18	ACHS							93-80/134 ⑥
933-A-5068	Truck Bolster					12/2/20	18 x 24	CSRM					3 2.5		
933-AB-5064 ⑥	Left Truck Pedestal					3/8/45	18 x 24	CSRM					3 2.5		93-694 ⑥
933-AC-5066 ⑥	Right Truck Frame					12/28/32	18 x 24	CSRM					3 2.5		93-698 ⑥
933-AC-5067 ⑥	Left Truck Frame (Retraced 7/12/44)					12/28/32	18 x 24	CSRM					3 2.5		93-704 ⑥
933-AC-5069 ⑥	Right Truck Journal Box		933-A-5063			6/14/44	18 x 24	CSRM					3 2.5		93-695 ⑥
939-AB-5000	Truck Plan					12/17/20		CSRM					103 6.3		
953-A-5014 ⑥	Wheel Center		953-A-5011			12/10/44	18 x 24	CSRM					3 3.1		95-263-B ⑥
962-A-5002 ⑥	Whistle Elbow		962-A-24			12/27/20	12 x 18	ACHS							96-75 ⑥
A-9548 ⑥	Spring Centers					4/1/15		CSRM							93-53 ⑥
A-11149 ⑥	Whistle Details					6/4/14	9 x 12	ACHS							

Lima Card Number	Part Description for GC&E #12	Reference	Date	Size	Location	CSRM File #	Pattern Number
A-11152	Cab Door Fixtures	11140	12/9/14	9 x 12	ACHS		
A-11154	Tool Box		12/16/14	9 x 12	ACHS		
A-11406	Hand Rail Columns (Retraced 1/6/30)		3/11/15	9 x 12	ACHS		53-9
A-12906	Draft Pipe Hanger Bracket		7/15/12		CSRM	4 3.3	75-478
A-12927	Smoke Box Door Liner		3/22/15		CSRM	4 3.3	75-48 6
A-12966	Superheater Damper Shaft Bearing		9/13/16		CSRM	4 3.3	81-17
A-12968	Superheater Header Suport		9/14/16		CSRM	4 3.3	
A-12969	Number Plate Stud		11/7/16		CSRM	4 3.3	
A-12972	Number Plate		11/23/16		CSRM	4 3.3	54-6 6
A-12978	Builder's Card		12/19/16		CSRM	4 3.3	54-8
A-12982	Smoke Box Front Liner		5/14/17		CSRM	4 3.3	75-398 6
A-15147	Tank Valve Stem		12/15/13		CSRM	5 1.1	
A-15711	Crank Shaft #62			14 x 43	CSRM		
A-15940	17" x 18" Piston Valve Cylinder		9/28/10		CSRM	5 1.2	31-50
A-9549	Trk. Top Bolster		5/21/15	9 x 12	ACHS		
B-11138 6	Name Plate (Retraced 4/7/31)		2/13/17	9 x 12	ACHS		54-4 6
B-12143	Throttle Bell Crank		8/28/16		CSRM	4 3.3	
T-2238	Water Gauge		4/27/92		CSRM	4 1.5	