

RAILROAD PRODUCTS

INCLUDES:

- **Hand Holds**
- **Center Pins**
- **Sill Steps**
- **Ladders**
- **Release Rods**
- **Door Bars**



This catalog contains tabulated drawings of the basic railroad products currently furnished by JENNMAR McSweeney.

Your exact requirements may be ordered by inserting the variable dimensions on the appropriate drawing and faxing it to us at (740) 377-3363.

Once your requirements are known, we will assign a part number to establish a permanent cross file index for future reference.

If you need a part not contained in this catalog, we can custom manufacture whatever you need. Just give us a call and put our extensive forging experience to work for you.

**Call Customer Service at:
(740) 377-3354**



PHONE:
740-377-3354
FAX:
740-377-3363

ADDRESS:
235 Commerce Drive
South Point, OH 45680



RAILROAD PRODUCTS

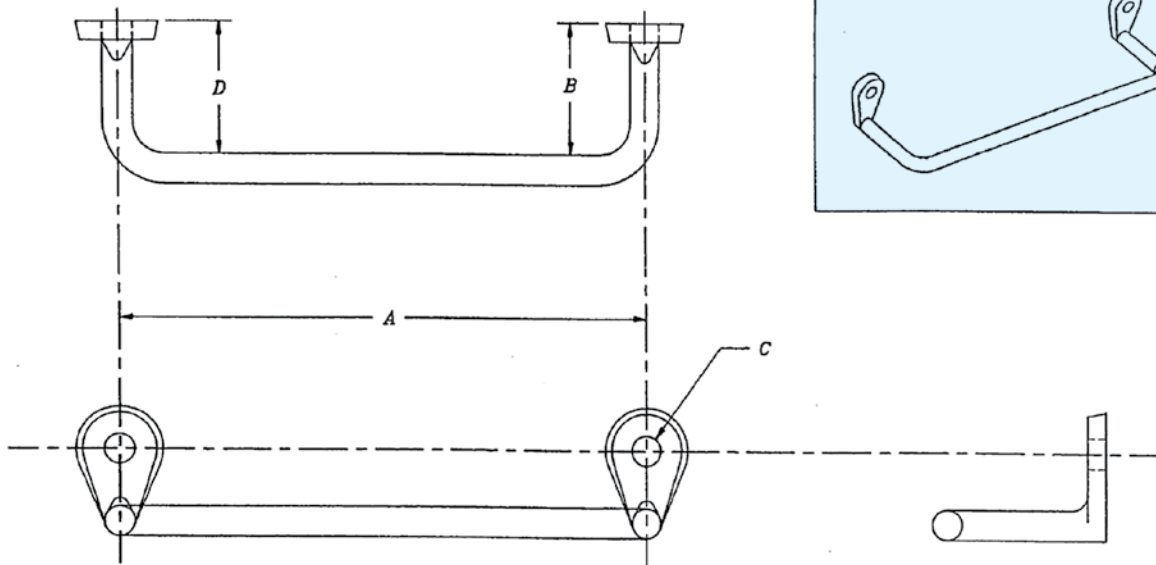
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- **Release Rods**
- **Door Bars**



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TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
 HOT FORM 1600° - 1800° F
 NO GOUGES, NICKS, OR CRACKS ALLOWED
 REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FINIS

MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

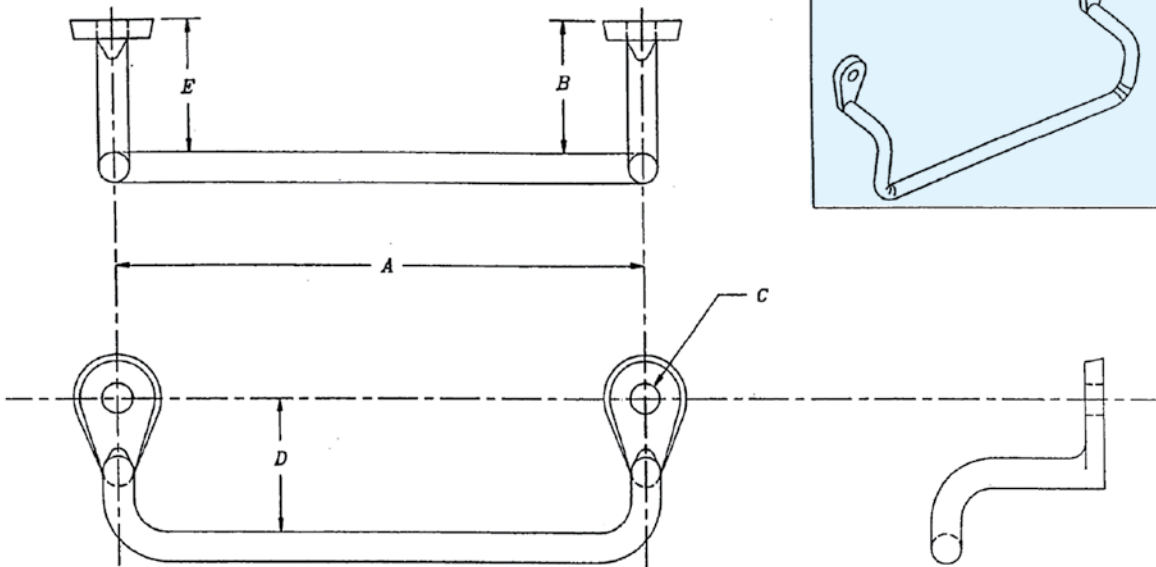
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McSWEENEYS INC
 POB 7995 HUNTINGTON, WV 25779
 (740) 894-4618 (FAX)
 (740) 894-3353

DRAWN BY	GT	CHK'D	DATE
PART NAME	PART NUMBER		
HANDHOLD		HH-101-MC	

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TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
 HOT FORM 1600° - 1800° F
 NO GOUGES, NICKS, OR CRACKS ALLOWED
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MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

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DRAWN BY	GT	CHK'D	DATE
PART NAME	PART NUMBER		
HANDHOLD		HH-102-MC	

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TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
 HOT FORM 1600° - 1800° F
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MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

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HANDHOLD		HH-103-MC		

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TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
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MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

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HANDHOLD		HH-104-MC		

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MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

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PART NAME		PART NUMBER	
HANDHOLD		HH-105-MC	

MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

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PART NAME		PART NUMBER	
HANDHOLD		HH-106-MC	

TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
 HOT FORM 1600° - 1800° F
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MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

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HANDHOLD		HH-107-MC	

McSWEENEYS INC
 POB 7995 HUNTINGTON, WV 25775
 (740) 894-4618 (FAX)
 (740) 894-3353

TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
 HOT FORM 1600° - 1800° F
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MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

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HANDHOLD		HH-108-MC	

McSWEENEYS INC
 POB 7995 HUNTINGTON, WV 25775
 (740) 894-4618 (FAX)
 (740) 894-3353

TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
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MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

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HANDHOLD		HH-109-MC	

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MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

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PART NAME		PART NUMBER	
HANDHOLD		HH-111-MC	

TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
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 (740) 894-4618 (FAX)
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PART NAME		PART NUMBER	
HANDHOLD		HH-112-MC	

TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
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HANDHOLD		HH-113-MC	

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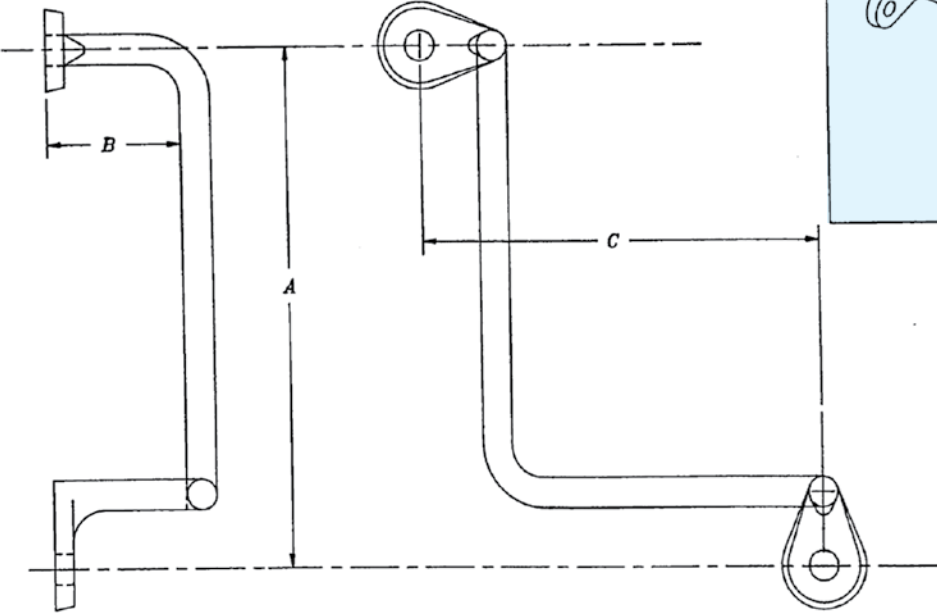
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PART NAME		PART NUMBER	
HANDHOLD		HH-118-MC	

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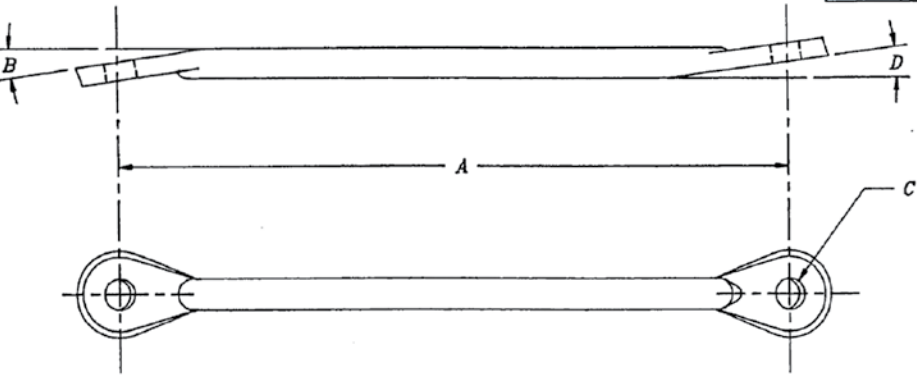
TOLERANCES: UNLESS OTHERWISE NOTED
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MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

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DRAWN BY CT CHK'D DATE
 PART NAME PART NUMBER
 HANDHOLD HH-119-MC



TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
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MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

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DRAWN BY CT CHK'D DATE
 PART NAME PART NUMBER
 HANDHOLD HH-120-MC

TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
 HOT FORM 1600° - 1800° F
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MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

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 (740) 894-4618 (FAX)
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PART NAME				PART NUMBER			
HANDHOLD				HH-121-MC			

TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
 HOT FORM 1600° - 1800° F
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MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

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DRAWN BY		GT		CHK'D		DATE	
PART NAME				PART NUMBER			
HANDHOLD				HH-121-MC			

TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
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MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

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DRAWN BY CT	CHK'D	DATE
PART NAME		PART NUMBER
HANDHOLD		HH-121-MC

TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
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MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

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McSWEENEYS INC
 POB 7995 HUNTINGTON, WV 25775
 (740) 894-4618 (FAX)
 (740) 894-3353

DRAWN BY CT	CHK'D	DATE
PART NAME		PART NUMBER
HANDHOLD		HH-124-MC

TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
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MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

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PART NAME		PART NUMBER
HANDHOLD		HH-125-MC

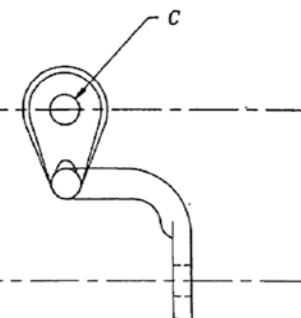
TOLERANCES: UNLESS OTHERWISE NOTED
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MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

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PART NAME		PART NUMBER
HANDHOLD		HH-126-MC



DRAWN BY <i>GT</i>		CHK'D	DATE
PART NAME		PART NUMBER	
HANDHOLD		HH-127-MC	

DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$ HOT FORM 1600° - 1800° F NO GOUGES, NICKS, OR CRACKS ALLOWED REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FINs											REVISIONS		
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HANDHOLD		HH-128-M	

HOT FORM 1600° - 1800° F													REVISIONS		
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FIRST PCS INSPECTION: _____
 LAST PCS INSPECTION: _____

MATERIAL: 3/4" ROUND STEEL ASTM A-576 GRADE 1015-1020

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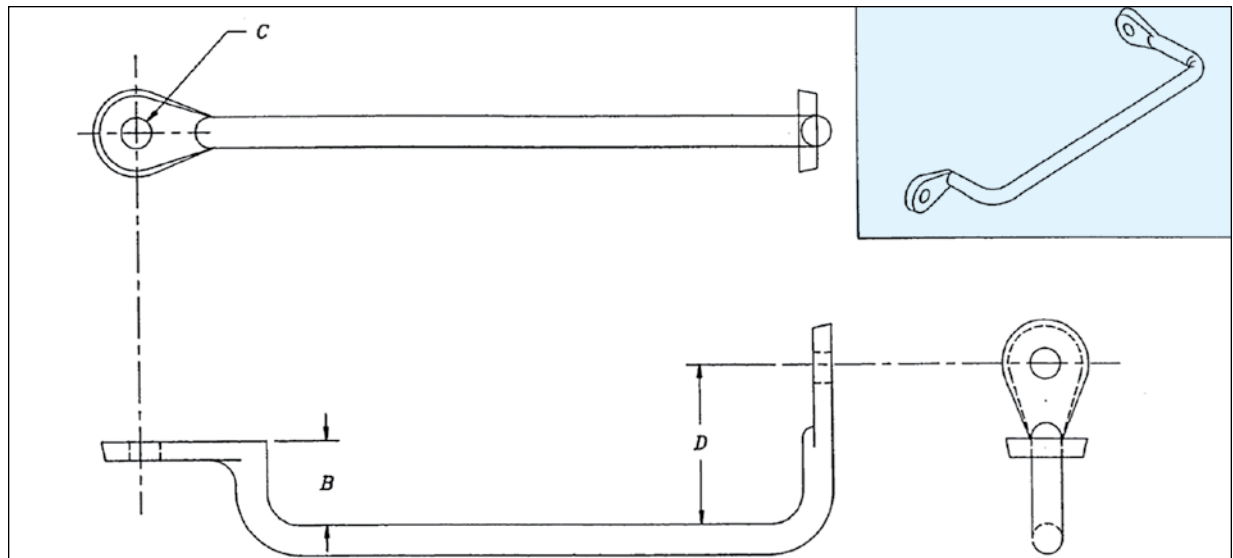
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	PART NAME		PART NUMBER	
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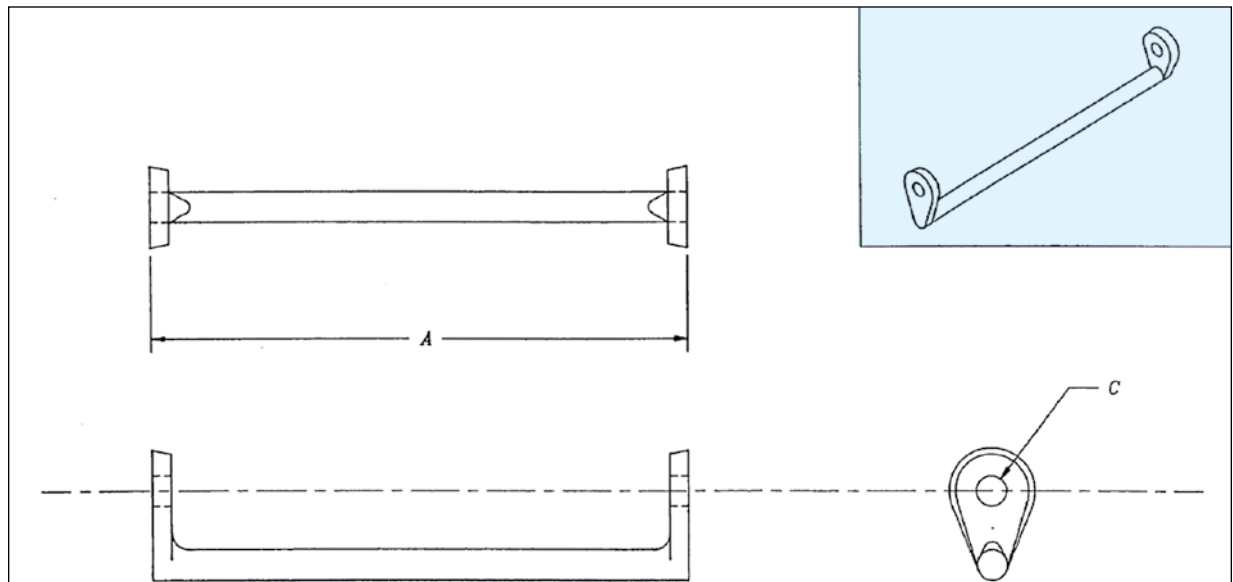
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 NO GOUGES, NICKS, OR CRACKS ALLOWED
 REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FINIS

MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

													REVISIONS			 McSWEENEYS INC POB 7995 HUNTINGTON, WV 25775 (740) 894-4618 (FAX) (740) 894-3353		
													NO.	PREVIOUSLY	DATE			
													1				DRAWN BY	GT
													2				CHK'D	DATE
													3				PART NAME	PART NUMBER
													4				HANDHOLD	HH-131-MC
A	B	C	D	E	F	G	H	I	J	K	L	M	5					



TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
 HOT FORM 1600° - 1800° F
 NO GOUGES, NICKS, OR CRACKS ALLOWED
 REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FINIS

MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

													REVISIONS			 McSWEENEYS INC POB 7995 HUNTINGTON, WV 25775 (740) 894-4618 (FAX) (740) 894-3353		
													NO.	PREVIOUSLY	DATE			
													1				DRAWN BY	GT
													2				CHK'D	DATE
													3				PART NAME	PART NUMBER
													4				HANDHOLD	HH-132-MC
A	B	C	D	E	F	G	H	I	J	K	L	M	5					

TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
 HOT FORM 1600° - 1800° F
 NO GOUGES, NICKS, OR CRACKS ALLOWED
 REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FINS

MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

REVISIONS				
NO.	PREVIOUSLY	DATE		
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DRAWN BY CT		CHK'D	DATE
PART NAME		PART NUMBER	
HANDHOLD		HH-133-MC	

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 POB 7995 HUNTINGTON, WV 25779
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 (740) 894-3353

TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
 HOT FORM 1600° - 1800° F
 NO GOUGES, NICKS, OR CRACKS ALLOWED
 REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FINS

MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

REVISIONS				
NO.	PREVIOUSLY	DATE		
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DRAWN BY CT		CHK'D	DATE
PART NAME		PART NUMBER	
HANDHOLD		HH-134-MC	

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HH-149-MC
OPTIONAL
HH-139-MC
HH-142-MC

TOLERANCES: UNLESS OTHERWISE NOTED
DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
HOT FORM 1600° - 1800° F
NO GOUGES, NICKS, OR CRACKS ALLOWED
REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FIN

FIRST PCS INSPECTION: _____
LAST PCS INSPECTION: _____

MATERIAL: 3/4" ROUND STEEL ASTM A-576 GRADE 1015-1020

REVISIONS												
NO.	PREVIOUSLY	DATE										
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McSWEENEYS INC
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(740) 894-4618 (FAX)
(740) 894-3353

DRAWN BY	GT	CHK'D	DATE
PART NAME		PART NUMBER HH-135	
HANDHOLD		REF NUMBER	

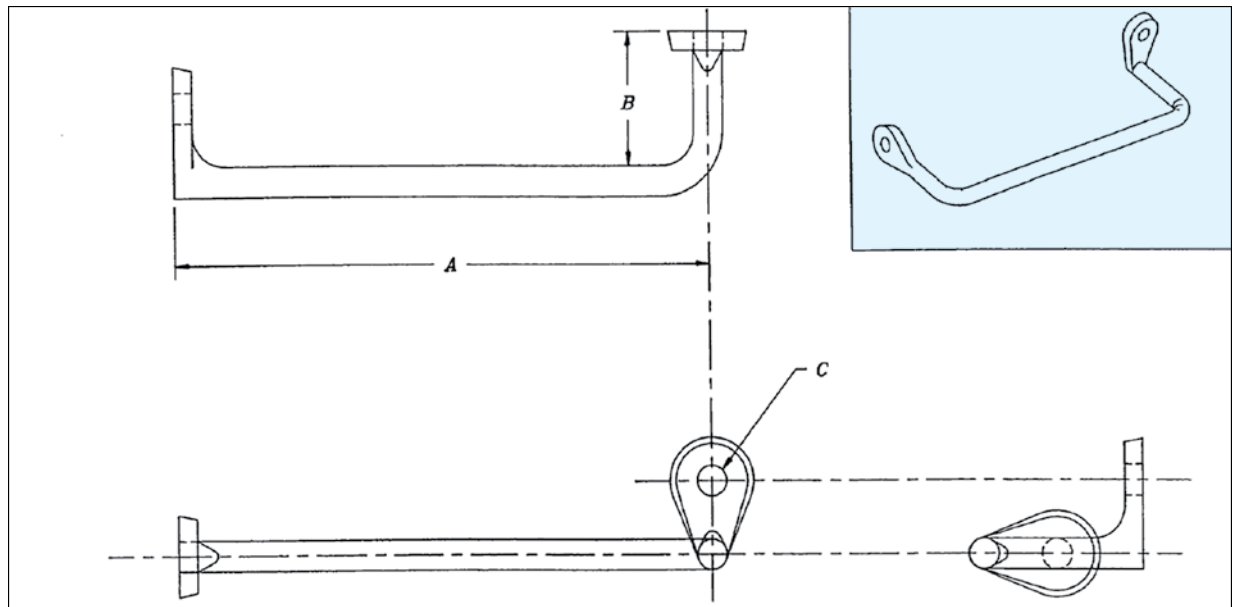
TOLERANCES: UNLESS OTHERWISE NOTED
DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
HOT FORM 1600° - 1800° F
NO GOUGES, NICKS, OR CRACKS ALLOWED
REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FIN

MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

REVISIONS		
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PART NAME		PART NUMBER	
HANDHOLD		HH-136-MC	

McSWEENEYS INC
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(740) 894-3353



TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
 HOT FORM 1600° - 1800° F
 NO GOUGES, NICKS, OR CRACKS ALLOWED
 REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FINS

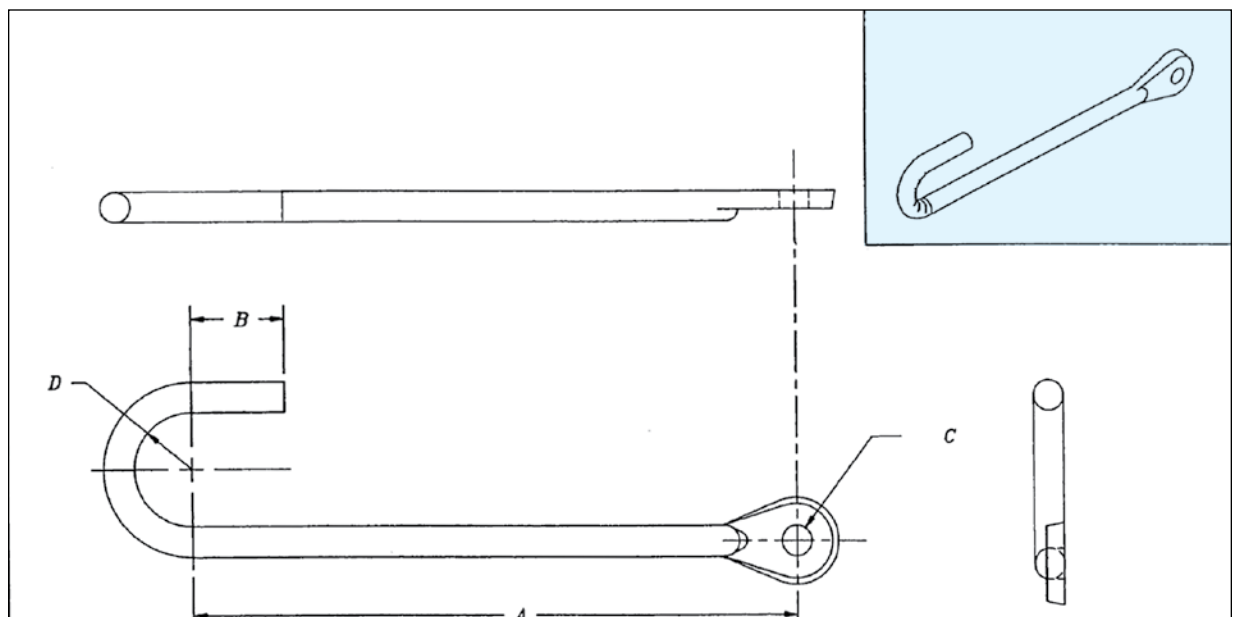
MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

REVISIONS		
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McSWEENEYS INC
 POB 7995 HUNTINGTON, WV 25779
 (740) 894-4618 (FAX)
 (740) 894-3353

DRAWN BY CT	CHK'D	DATE
PART NAME		PART NUMBER
HANDHOLD		HH-136-MC



TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
 HOT FORM 1600° - 1800° F
 NO GOUGES, NICKS, OR CRACKS ALLOWED
 REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FINS

MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

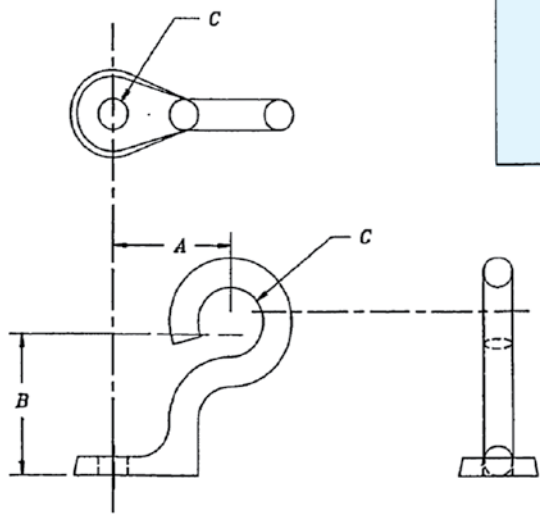
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 (740) 894-4618 (FAX)
 (740) 894-3353

DRAWN BY CT	CHK'D	DATE
PART NAME		PART NUMBER
HANDHOLD		HH-138-MC





TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
 HOT FORM 1600° - 1800° F
 NO GOUGES, NICKS, OR CRACKS ALLOWED
 REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FINS

MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

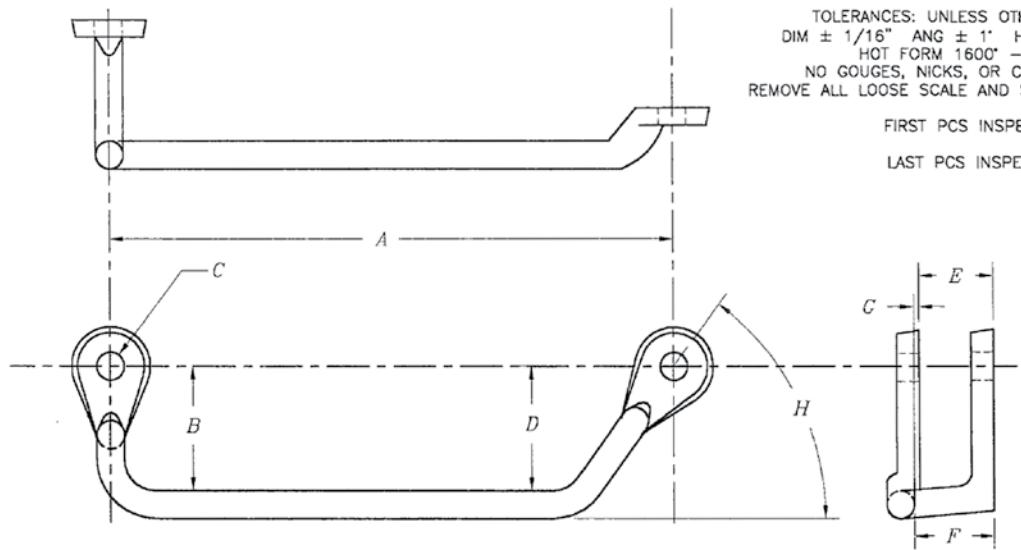
															REVISIONS				McSWEENEYS INC. POB 7995 HUNTINGTON, WV 25779 (740) 894-4618 (FAX) (740) 894-3353		
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DRAWN BY GT	CHK'D	DATE
PART NAME		PART NUMBER
HANDHOLD		HH-139-MC

TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
 HOT FORM 1600° - 1800° F
 NO GOUGES, NICKS, OR CRACKS ALLOWED
 REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FINS

FIRST PCS INSPECTION: _____

LAST PCS INSPECTION: _____



MATERIAL: 3/4" ROUND STEEL ASTM A-576 GRADE 1015-1020

															REVISIONS				McSWEENEYS INC. POB 7995 HUNTINGTON, WV 25779 (740) 894-4618 (FAX) (740) 894-3353		
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B	C	D	E	F	G	H	I	J	K	L	M	N	O	P							

DRAWN BY GT	CHK'D	DATE
PART NAME		PART NUMBER
HANDHOLD		HH-140
		REF NUMBER

TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
 HOT FORM 1600° - 1800° F
 NO GOUGES, NICKS, OR CRACKS ALLOWED
 REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FINS

MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

													REVISIONS		
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DRAWN BY	GT	CHK'D	DATE
PART NAME	HANDHOLD		PART NUMBER
		HH-141-MC	

TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
 HOT FORM 1600° - 1800° F
 NO GOUGES, NICKS, OR CRACKS ALLOWED
 REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FINS

MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

													REVISIONS		
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 (740) 894-4618 (FAX)
 (740) 894-3353

DRAWN BY	GT	CHK'D	DATE
PART NAME	HANDHOLD		PART NUMBER
		HH-142-MC	

TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
 HOT FORM 1600° - 1800° F
 NO GOUGES, NICKS, OR CRACKS ALLOWED
 REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FINIS

MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

													REVISIONS				McSWEENEYS INC POB 7995 HUNTINGTON, WV 25779 (740) 894-4618 (FAX) (740) 894-3353		
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													PART NAME		PART NUMBER				
													HANDHOLD		HH-143-MC				

TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
 HOT FORM 1600° - 1800° F
 NO GOUGES, NICKS, OR CRACKS ALLOWED
 REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FINIS

MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

													REVISIONS				McSWEENEYS INC POB 7995 HUNTINGTON, WV 25779 (740) 894-4618 (FAX) (740) 894-3353		
													NO.	PREVIOUSLY	DATE				
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													PART NAME		PART NUMBER				
													HANDHOLD		HH-144-MC				

TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
 HOT FORM 1600° - 1800° F
 NO GOUGES, NICKS, OR CRACKS ALLOWED
 REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FINS

MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

REVISIONS		
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McSWEENEYS INC.
 POB 7995 HUNTINGTON, WV 25779
 (740) 894-4618 (FAX)
 (740) 894-3353

DRAWN BY CT CHK'D DATE
 PART NAME PART NUMBER
 HANDHOLD HH-145-MC

TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
 HOT FORM 1600° - 1800° F
 NO GOUGES, NICKS, OR CRACKS ALLOWED
 REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FINS

MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

REVISIONS		
NO.	PREVIOUSLY	DATE
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McSWEENEYS INC.
 POB 7995 HUNTINGTON, WV 25779
 (740) 894-4618 (FAX)
 (740) 894-3353

DRAWN BY CT CHK'D DATE
 PART NAME PART NUMBER
 HANDHOLD HH-146-MC

TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
 HOT FORM 1600° - 1800° F
 NO GOUGES, NICKS, OR CRACKS ALLOWED
 REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FINIS

MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

REVISIONS		
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McSWEENEYS INC.
 POB 7995 HUNTINGTON, WV 25779
 (740) 894-4618 (FAX)
 (740) 894-3353

DRAWN BY *GT* CHK'D _____ DATE _____
 PART NAME _____ PART NUMBER _____
 HANDHOLD HH-147-MC

TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
 HOT FORM 1600° - 1800° F
 NO GOUGES, NICKS, OR CRACKS ALLOWED
 REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FINIS

MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

REVISIONS		
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McSWEENEYS INC.
 POB 7995 HUNTINGTON, WV 25779
 (740) 894-4618 (FAX)
 (740) 894-3353

DRAWN BY *GT* CHK'D _____ DATE _____
 PART NAME _____ PART NUMBER _____
 HANDHOLD HH-148-MC

TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
 HOT FORM 1600° - 1800° F
 NO GOUGES, NICKS, OR CRACKS ALLOWED
 REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FINIS

MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

REVISIONS		
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DRAWN BY CT		CHK'D	DATE
PART NAME		PART NUMBER	
HANDHOLD		HH-148-MC	

McSWEENEYS INC.
 POB 7995 HUNTINGTON, WV 25779
 (740) 894-4618 (FAX)
 (740) 894-3353

TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
 HOT FORM 1600° - 1800° F
 NO GOUGES, NICKS, OR CRACKS ALLOWED
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MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

REVISIONS		
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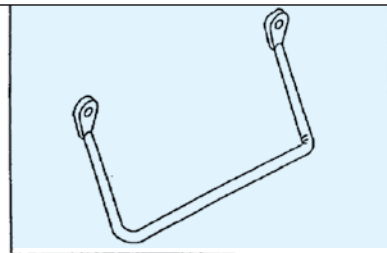
DRAWN BY CT		CHK'D	DATE
PART NAME		PART NUMBER	
HANDHOLD		HH-149-MC	

McSWEENEYS INC.
 POB 7995 HUNTINGTON, WV 25779
 (740) 894-4618 (FAX)
 (740) 894-3353



DIM $\pm$ 1/16" ANG $\pm$ 1" HOLE DIM $\pm$ 1/32"
 HOT FORM 1600" - 1800" F
 NO GOUGES, NICKS, OR CRACKS ALLOWED
 REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FINS

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 NO GOUGES, NICKS, OR CRACKS ALLOWED
 REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FINS

REVISIONS

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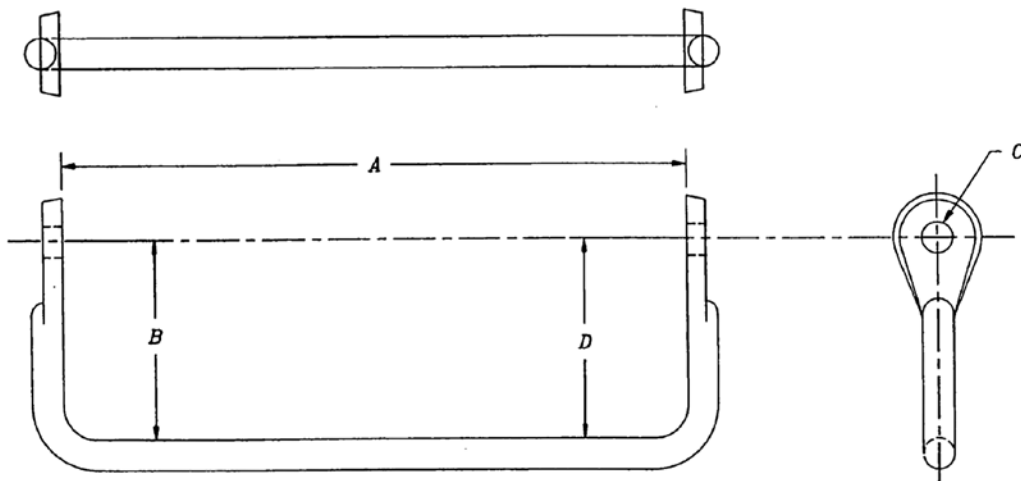
McSWEENEYS INC.

POB 7995 HUNTINGTON, WV 25779

(740) 894-4618 (FAX)

(740) 894-3353

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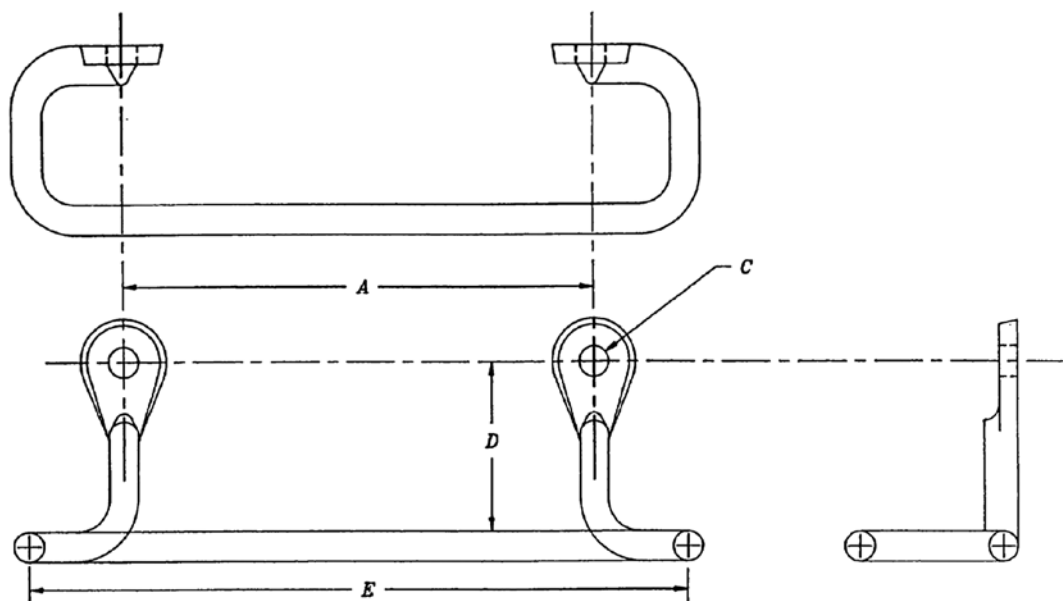
TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
 HOT FORM 1600° - 1800° F
 NO GOUGES, NICKS, OR CRACKS ALLOWED
 REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FINIS

MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

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														PART NAME	PART NUMBER
														HANDHOLD	HH-152-MC



McSWEENEYS INC.
 POB 7995 HUNTINGTON, WV 25779
 (740) 894-4618 (FAX)
 (740) 894-3353



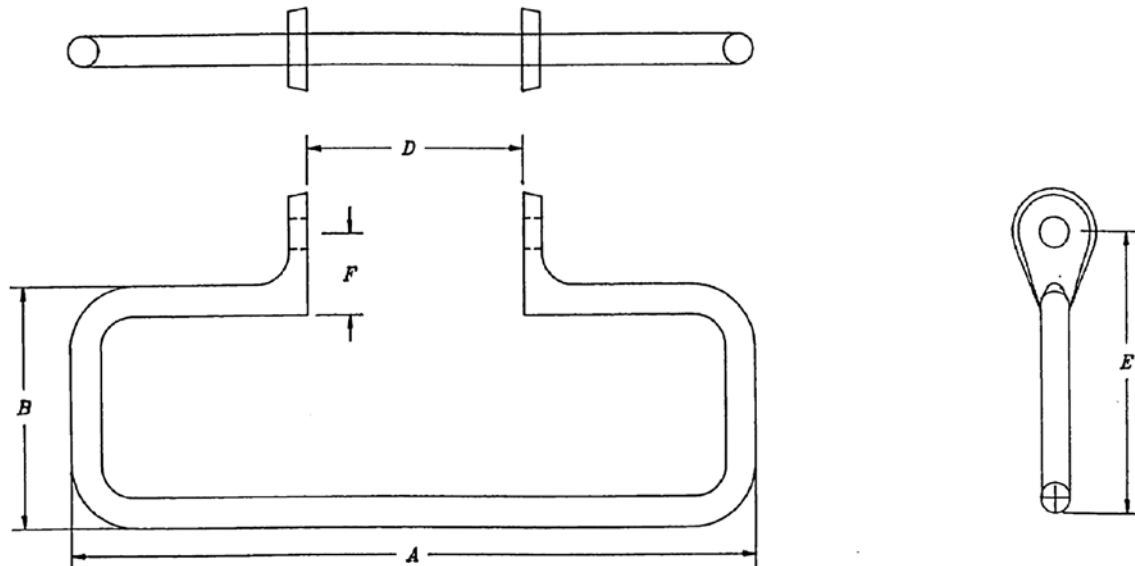
TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
 HOT FORM 1600° - 1800° F
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 REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FINIS

MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

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														PART NAME	PART NUMBER
														HANDHOLD	HH-153-MC



McSWEENEYS INC.
 POB 7995 HUNTINGTON, WV 25779
 (740) 894-4618 (FAX)
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TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
 HOT FORM 1600° - 1800° F
 NO GOUGES, NICKS, OR CRACKS ALLOWED
 REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FINS

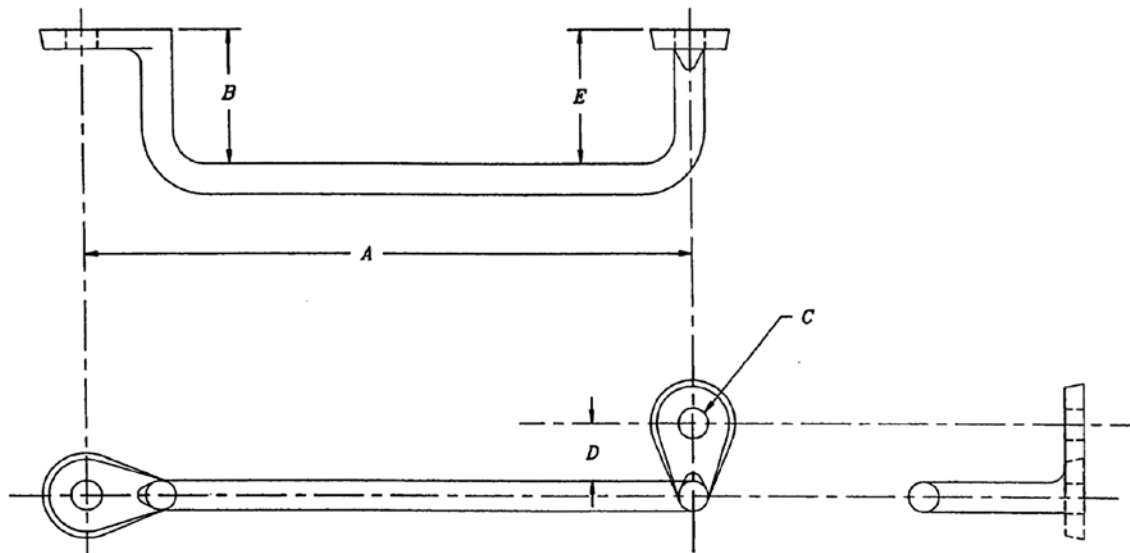
MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

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McSWEENEYS INC.
 POB 7995 HUNTINGTON, WV 25779
 (740) 894-4618 (FAX)
 (740) 894-3353

DRAWN BY	GT	CHK'D	DATE
PART NAME	PART NUMBER		
HANDHOLD	HH-154-MC		



TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
 HOT FORM 1600° - 1800° F
 NO GOUGES, NICKS, OR CRACKS ALLOWED
 REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FINS

MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

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McSWEENEYS INC.
 POB 7995 HUNTINGTON, WV 25779
 (740) 894-4618 (FAX)
 (740) 894-3353

DRAWN BY	GT	CHK'D	DATE
PART NAME	PART NUMBER		
HANDHOLD	HH-155-MC		

TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
 HOT FORM 1600° - 1800° F
 NO GOUGES, NICKS, OR CRACKS ALLOWED
 REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FINIS

MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

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McSWEENEYS INC. POB 7995 HUNTINGTON, WV 25779 (740) 894-4618 (FAX) (740) 894-3353		DRAWN BY	GT	CHK'D	DATE
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		HANDHOLD		HH-156-MC	

TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
 HOT FORM 1600° - 1800° F
 NO GOUGES, NICKS, OR CRACKS ALLOWED
 REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FINIS

MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

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McSWEENEYS INC. POB 7995 HUNTINGTON, WV 25779 (740) 894-4618 (FAX) (740) 894-3353		DRAWN BY	GT	CHK'D	DATE
		PART NAME		PART NUMBER	
		HANDHOLD		HH-157-MC	

TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
 HOT FORM 1600° - 1800° F
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 REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FINS

MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

REVISIONS				
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McSWEENEYS INC.
 POB 7995 HUNTINGTON, WV 25779
 (740) 894-4618 (FAX)
 (740) 894-3353

DRAWN BY CT	CHK'D	DATE
PART NAME		PART NUMBER
HANDHOLD		HH-158-MC

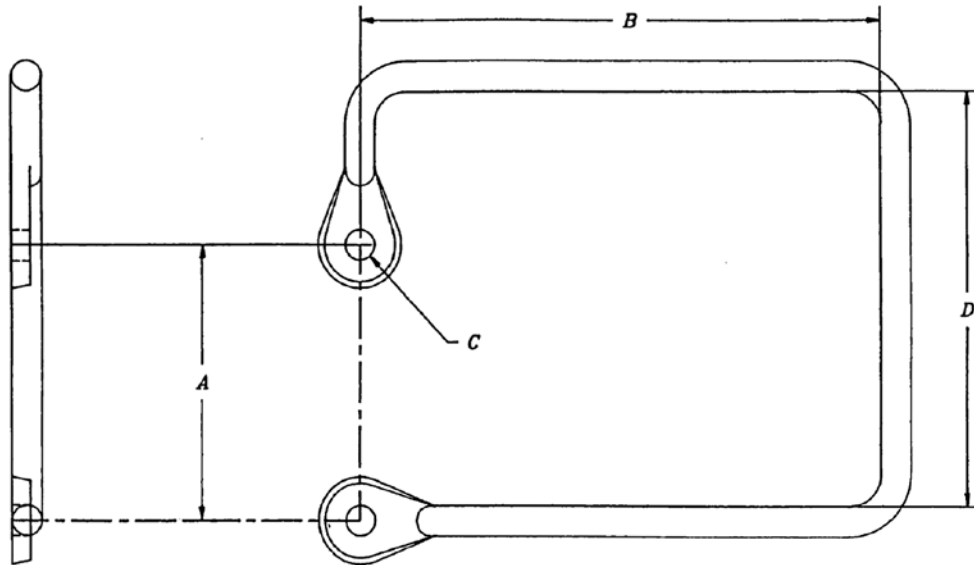
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 REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FINS

MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

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McSWEENEYS INC.
 POB 7995 HUNTINGTON, WV 25779
 (740) 894-4618 (FAX)
 (740) 894-3353

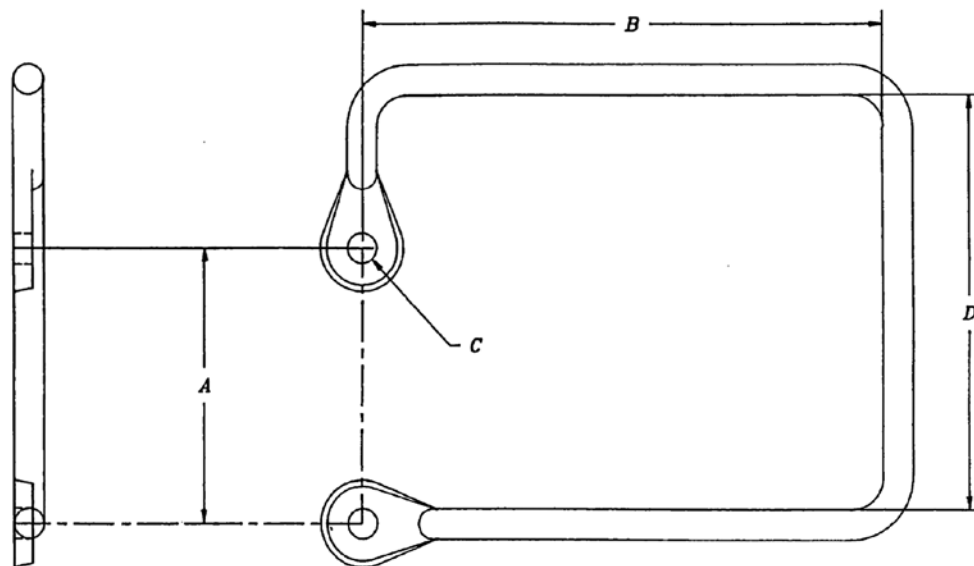
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PART NAME		PART NUMBER
HANDHOLD		HH-159-MC



TOLERANCES: UNLESS OTHERWISE NOTED
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 HOT FORM 1600° - 1800° F
 NO GOUGES, NICKS, OR CRACKS ALLOWED
 REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FINIS

MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

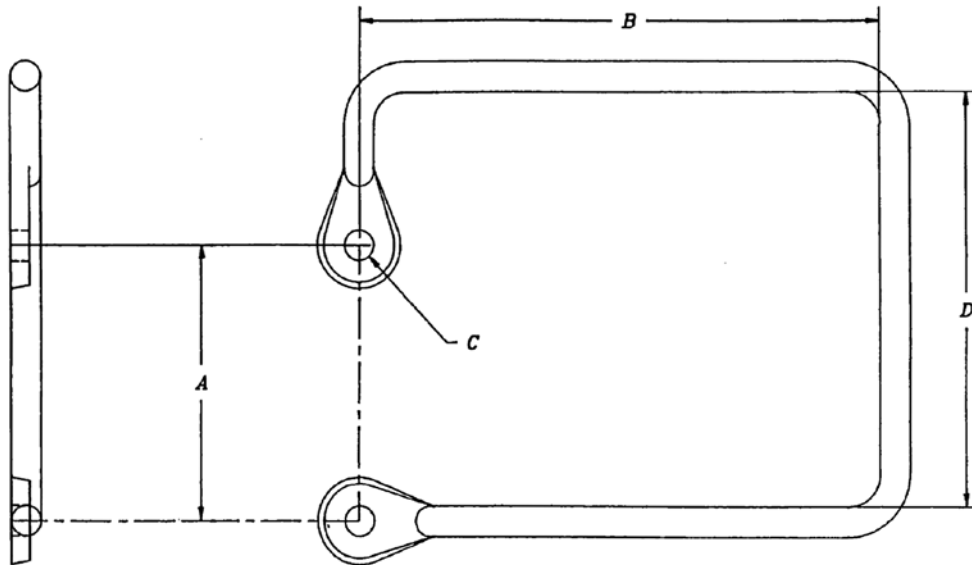
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TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
 HOT FORM 1600° - 1800° F
 NO GOUGES, NICKS, OR CRACKS ALLOWED
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MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

													REVISIONS			 McSWEENEYS INC. POB 7995 HUNTINGTON, WV 25779 (740) 894-4618 (FAX) (740) 894-3353
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A	B	C	D	E	F	G	H	I	J	K	L	M	5			



TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
 HOT FORM 1600° - 1800° F
 NO GOUGES, NICKS, OR CRACKS ALLOWED
 REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FINIS

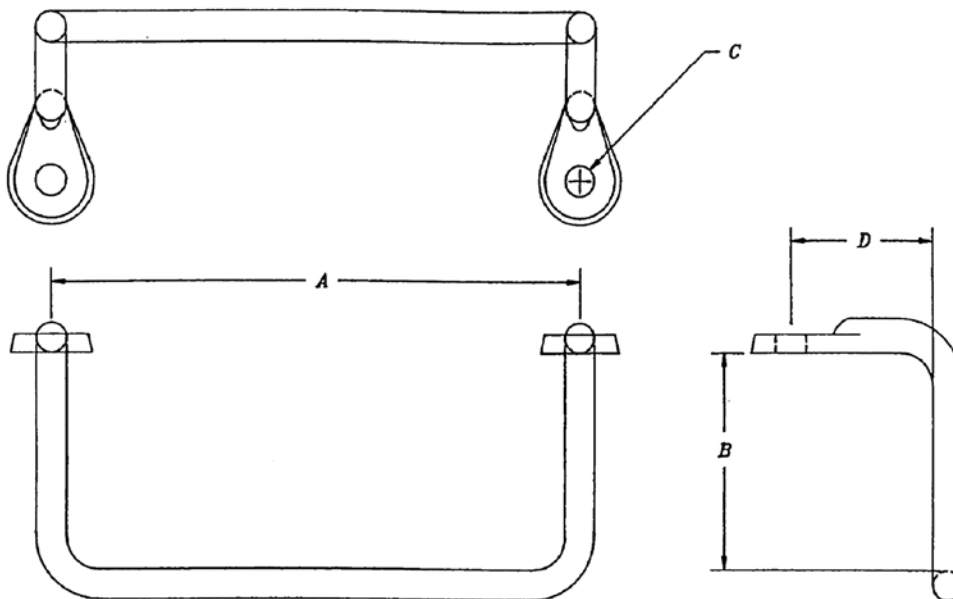
MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

													REVISIONS		
													NO.	PREVIOUSLY	DATE
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McSWEENEYS INC.
 POB 7995 HUNTINGTON, WV 25779
 (740) 894-4618 (FAX)
 (740) 894-3353

DRAWN BY	CT	CHK'D	DATE
PART NAME	PART NUMBER		
HANDHOLD	HH-162-MC		



TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
 HOT FORM 1600° - 1800° F
 NO GOUGES, NICKS, OR CRACKS ALLOWED
 REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FINIS

MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

													REVISIONS		
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A	B	C	D	E	F	G	H	I	J	K	L	M			



McSWEENEYS INC.
 POB 7995 HUNTINGTON, WV 25779
 (740) 894-4618 (FAX)
 (740) 894-3353

DRAWN BY	CT	CHK'D	DATE
PART NAME	PART NUMBER		
HANDHOLD	HH-163-MC		

TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
 HOT FORM 1600° - 1800° F
 NO GOUGES, NICKS, OR CRACKS ALLOWED
 REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FINS

MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

													REVISIONS				McSWEENEYS INC. POB 7995 HUNTINGTON, WV 25779 (740) 894-4618 (FAX) (740) 894-3353	
													NO.	PREVIOUSLY	DATE			
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													5					

DRAWN BY CT	CHK'D	DATE
PART NAME HANDHOLD		PART NUMBER HH-164-MC

TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
 HOT FORM 1600° - 1800° F
 NO GOUGES, NICKS, OR CRACKS ALLOWED
 REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FINS

MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

													REVISIONS				McSWEENEYS INC. POB 7995 HUNTINGTON, WV 25779 (740) 894-4618 (FAX) (740) 894-3353	
													NO.	PREVIOUSLY	DATE			
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DRAWN BY CT	CHK'D	DATE
PART NAME HANDHOLD		PART NUMBER HH-165-MC

TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
 HOT FORM 1600° - 1800° F
 NO GOUGES, NICKS, OR CRACKS ALLOWED
 REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FINIS

MATERIAL: 3/4" ROUND IRON ASTM A-576 GRADE 1015-1020

REVISIONS				
NO.	PREVIOUSLY	DATE		
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DRAWN BY GT		CHK'D	DATE
PART NAME		PART NUMBER	
HANDHOLD		HH-166-MC	

McSWEENEYS INC.
 POB 7995 HUNTINGTON, WV 25779
 (740) 894-4618 (FAX)
 (740) 894-3353

TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
 HOT FORM 1600° - 1800° F
 NO GOUGES, NICKS, OR CRACKS ALLOWED
 REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FINIS

FIRST PCS INSPECTION: _____
 LAST PCS INSPECTION: _____

MATERIAL: 3/4" ROUND STEEL ASTM A-576 GRADE 1015-1020

REVISIONS				
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DRAWN BY GT		CHK'D	DATE
PART NAME		PART NUMBER	
HANDHOLD		HH-167	
		REF NUMBER	

McSWEENEYS INC.
 POB 7995 HUNTINGTON, WV 25779
 (740) 894-4618 (FAX)
 (740) 894-3353

TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
 HOT FORM 1600° - 1800° F
 NO GOUGES, NICKS, OR CRACKS ALLOWED
 REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FIN

FIRST PCS INSPECTION: _____
 LAST PCS INSPECTION: _____

MATERIAL: 3/4" ROUND STEEL ASTM A-576 GRADE 1015-102

REVISIONS										
NO.	PREVIOUSLY	DATE								
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McSWEENEYS I.
 POB 7995 HUNTINGTON, WV 2
 (740) 894-4618 (FAX)
 (740) 894-3353

DRAWN BY GT		CHK'D	DATE
PART NAME		PART NUMBER	HH-166
HANDHOLD		REF NUMBER	117-458

TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
 HOT FORM 1600° - 1800° F
 NO GOUGES, NICKS, OR CRACKS ALLOWED
 REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FIN

FIRST PCS INSPECTION: _____
 LAST PCS INSPECTION: _____

MATERIAL: 3/4" ROUND STEEL ASTM A-576 GRADE 1015-102

REVISIONS						
NO.	PREVIOUSLY	DATE				
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047	9	6 7/8	11/16	9 1/4	9 1/4	3/4
037	18	4 1/8	11/16	16 3/8	16 3/8	3/4
REF#	A	B	C	D	E	

McSWEENEYS I.
 POB 7995 HUNTINGTON, WV 2
 (740) 894-4618 (FAX)
 (740) 894-3353

DRAWN BY GT		CHK'D	DATE
PART NAME		PART NUMBER	HH-169
HANDHOLD		REF NUMBER	4580037-45

TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16$ " ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32$ "
 HOT FORM 1600° - 1800° F
 NO GOUGES, NICKS, OR CRACKS ALLOWED
 REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FINS

FIRST PCS INSPECTION: _____
 LAST PCS INSPECTION: _____

MATERIAL: 3/4" ROUND STEEL ASTM A-576 GRADE 1015-1020

REVISIONS	
NO.	DATE
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BEND TO SUIT

McSWEENEYS INC
 POB 7995 HUNTINGTON, WV 25702
 (740) 894-4618 (FAX)
 (740) 894-3353

DRAWN BY GT CHK'D DATE
 PART NAME HANDHOLD PART NUMBER HH-172
 REF NUMBER 45800

TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16$ " ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32$ "
 HOT FORM 1600° - 1800° F
 NO GOUGES, NICKS, OR CRACKS ALLOWED
 REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FINS

FIRST PCS INSPECTION: _____
 LAST PCS INSPECTION: _____

MATERIAL: 1" ROUND STEEL ASTM A-576 GRADE 1015-1020

REVISIONS	
NO.	DATE
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McSWEENEYS INC
 POB 7995 HUNTINGTON, WV 25702
 (740) 894-4618 (FAX)
 (740) 894-3353

DRAWN BY GT CHK'D DATE
 PART NAME HANDHOLD PART NUMBER HH-173-MC
 REF NUMBER

TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
 HOT FORM 1600° - 1800° F
 NO GOUGES, NICKS, OR CRACKS ALLOWED
 REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FINS

FIRST PCS INSPECTION: _____
 LAST PCS INSPECTION: _____

MATERIAL: 3/4" ROUND STEEL ASTM A-576 GRADE 1015-1020

													REVISIONS		
													NO.	PREVIOUSLY	DATE
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McSWEENEYS INC.
 POB 7995 HUNTINGTON, WV 25779
 (740) 894-4618 (FAX)
 (740) 894-3353

DRAWN BY	GT	CHK'D	DATE
PART NAME		PART NUMBER	
HANDHOLD		HH-174-MC	
		REF NUMBER	

TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
 HOT FORM 1600° - 1800° F
 NO GOUGES, NICKS, OR CRACKS ALLOWED
 REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FINS

FIRST PCS INSPECTION: _____
 LAST PCS INSPECTION: _____

MATERIAL: 3/4" ROUND STEEL ASTM A-576 GRADE 1015-1020

													REVISIONS		
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McSWEENEYS INC.
 POB 7995 HUNTINGTON, WV 25779
 (740) 894-4618 (FAX)
 (740) 894-3353

DRAWN BY	GT	CHK'D	DATE
PART NAME		PART NUMBER	
HANDHOLD		HH-175-MC	
		REF NUMBER	

TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
 HOT FORM 1600° - 1800° F
 NO GOUGES, NICKS, OR CRACKS ALLOWED
 REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FINS

FIRST PCS INSPECTION: _____
 LAST PCS INSPECTION: _____

MATERIAL: 3/4" ROUND STEEL ASTM A-576 GRADE 1015-1020

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McSWEENEYS INC
 POB 7995 HUNTINGTON, WV 25777
 (740) 894-4618 (FAX)
 (740) 894-3353

DRAWN BY GT	CHK'D	DATE
PART NAME HANDHOLD		PART NUMBER HH-176-MC
		REF NUMBER

TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
 HOT FORM 1600° - 1800° F
 NO GOUGES, NICKS, OR CRACKS ALLOWED
 REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FINS

FIRST PCS INSPECTION: _____
 LAST PCS INSPECTION: _____

MATERIAL: 3/4" ROUND STEEL ASTM A-576 GRADE 1015-1020

											REVISIONS		
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McSWEENEYS INC
 POB 7995 HUNTINGTON, WV 25777
 (740) 894-4618 (FAX)
 (740) 894-3353

DRAWN BY GT	CHK'D	DATE
PART NAME HANDHOLD		PART NUMBER HH-177-MC
		REF NUMBER

TOLERANCES: UNLESS OTHERWISE NOTED
 DIM $\pm 1/16"$ ANG $\pm 1^\circ$ HOLE DIM $\pm 1/32"$
 HOT FORM 1600° - 1800° F
 NO GOUGES, NICKS, OR CRACKS ALLOWED
 REMOVE ALL LOOSE SCALE AND SHARP EDGES OR FINIS

FIRST PCS INSPECTION: _____
 LAST PCS INSPECTION: _____

MATERIAL: 3/4" ROUND STEEL ASTM A-576 GRADE 1015-1020

REVISIONS										
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McSWEENEYS INC.
 POB 7995 HUNTINGTON, WV 25779
 (740) 894-4618 (FAX)
 (740) 894-3353

DRAWN BY GT	CHK'D	DATE
PART NAME HANDHOLD		PART NUMBER HH-178-MC
		REF NUMBER

CP-T1E

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TOLERANCES (EXCEPT AS NOTED)	
DECIMAL	$\pm .005$
FRACTIONAL	$\pm 1/64$
ANGULAR	$\pm 1^\circ$

MATERIAL: 1 3/4"φ x 15" A36

REVISIONS		
NO.	PREVIOUSLY	DATE
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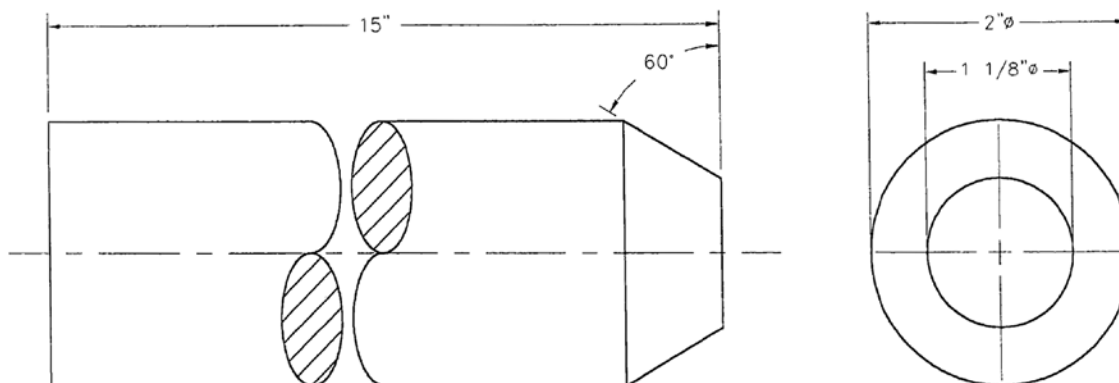
McSWEENEYS INC.
 POB 7995 HUNTINGTON, WV 25779

CENTER PIN
w/TAPER ON ONE END ONLY

DRAWN BY GT	SCALE FULL	MATERIAL A36
CHK'D	DATE 4/18/00	DRAWING NO.
REDRAWN BY	REDRAWN DATE	J4

ES	ENG	MFG	Q.A.
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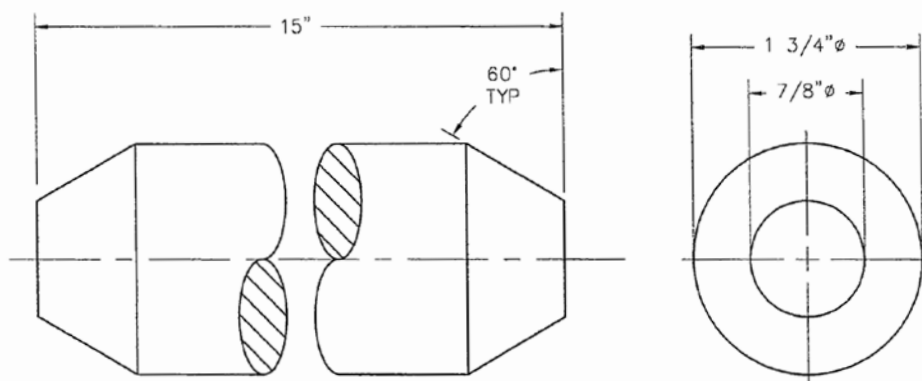
CP-T1E-



△ MATERIAL: 2"Ø ASTM 576, GRADE 1018-1020 x 15"

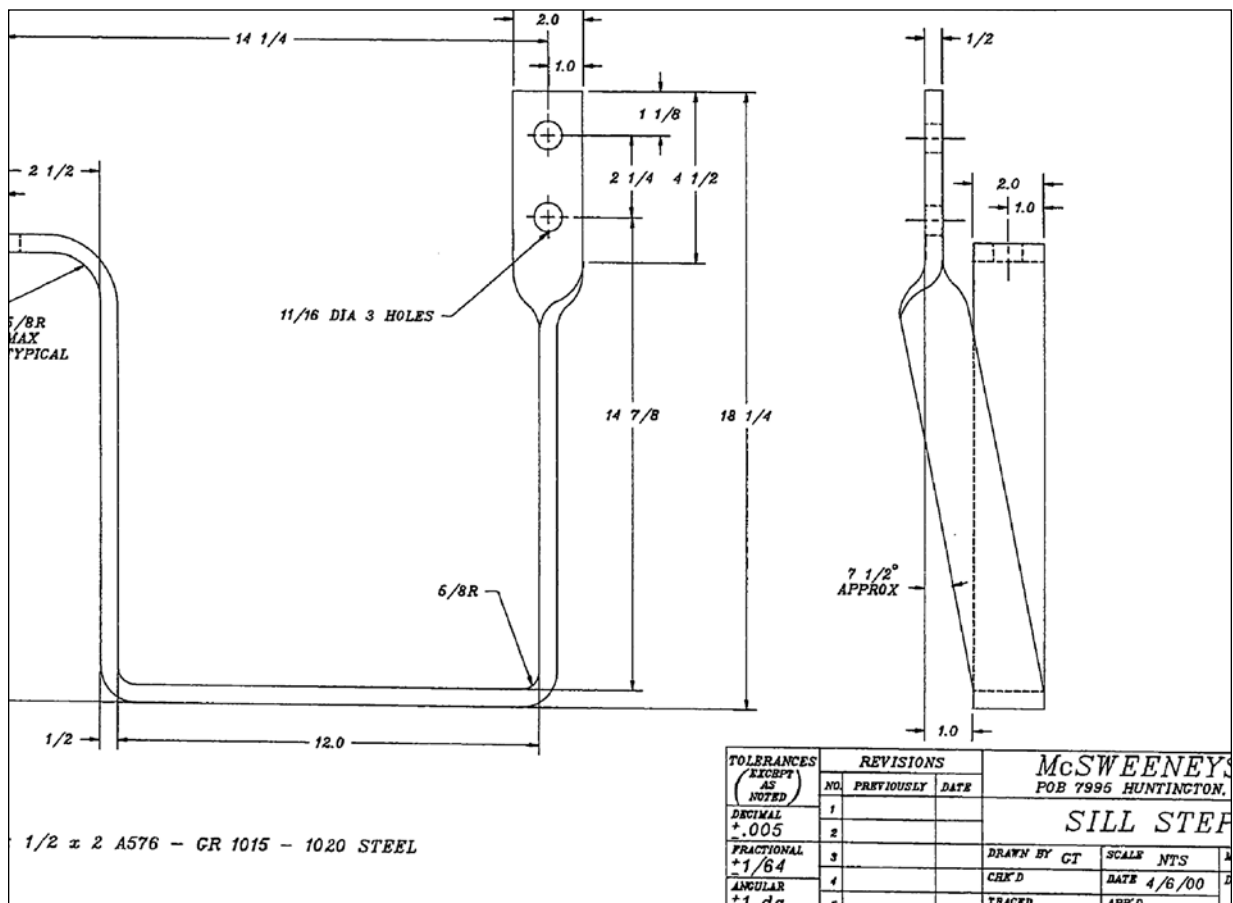
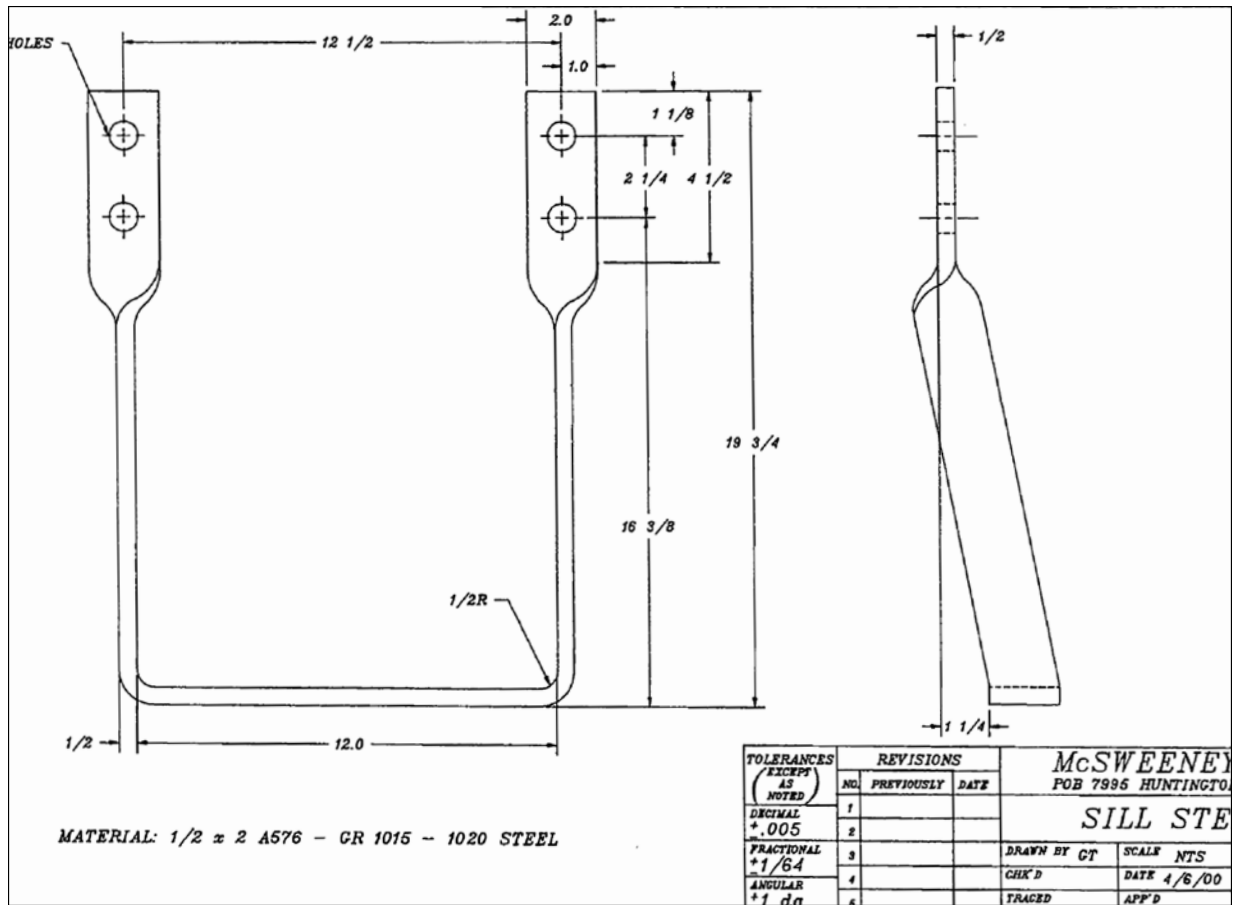
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				NO.	PREVIOUSLY	DATE			
				△	WAS A36 PER JERRY K	2-3-04 GT			
				2			CENTER PIN 2"Ø w/TAPER ON ONE END ONLY		
				3			DRAWN BY	GT	SCALE FULL
SALES	ENG	MFG	Q.A.	4			CHK'D	DATE	MATERIAL A
				5			REDRAWN BY	REDRAWN DATE	DRAWING NO. J4-

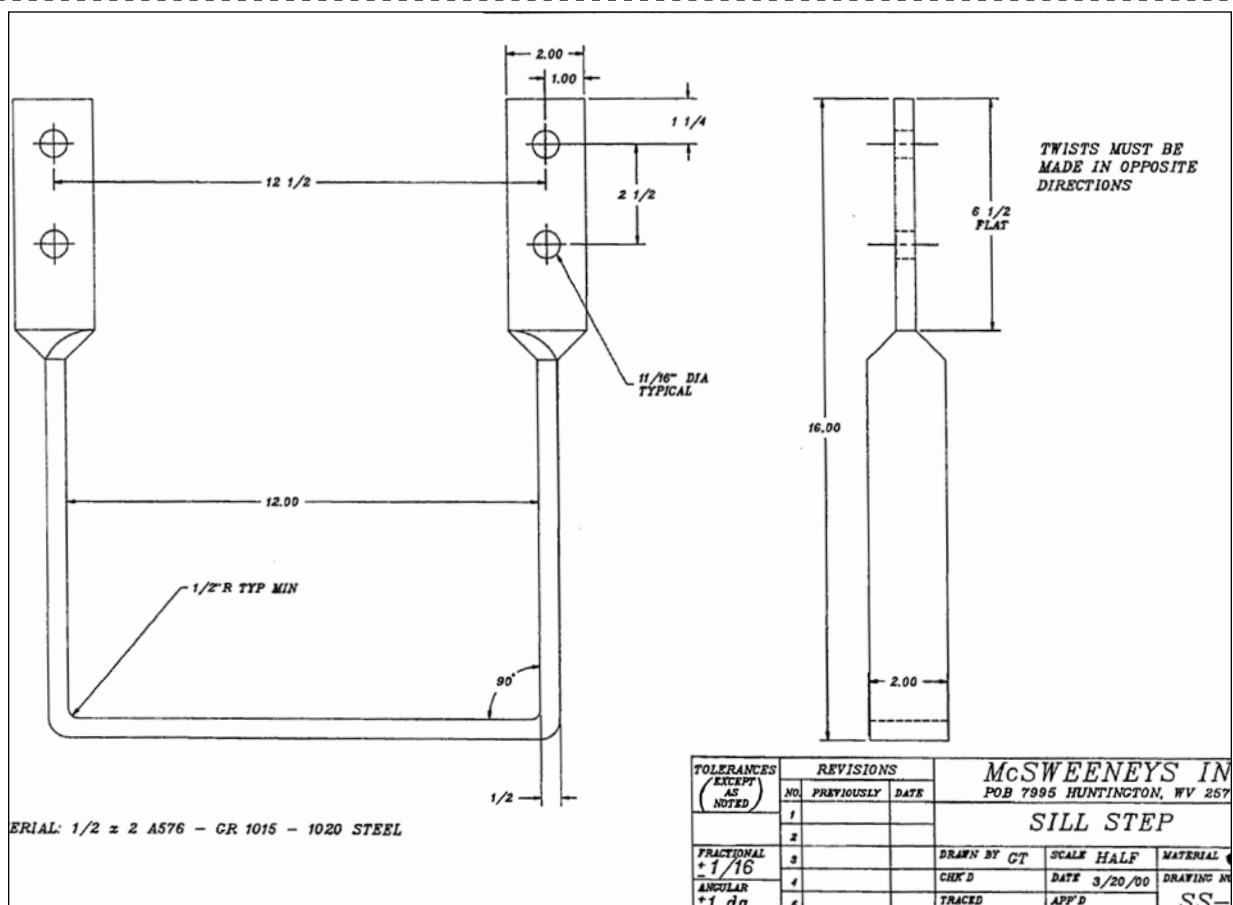
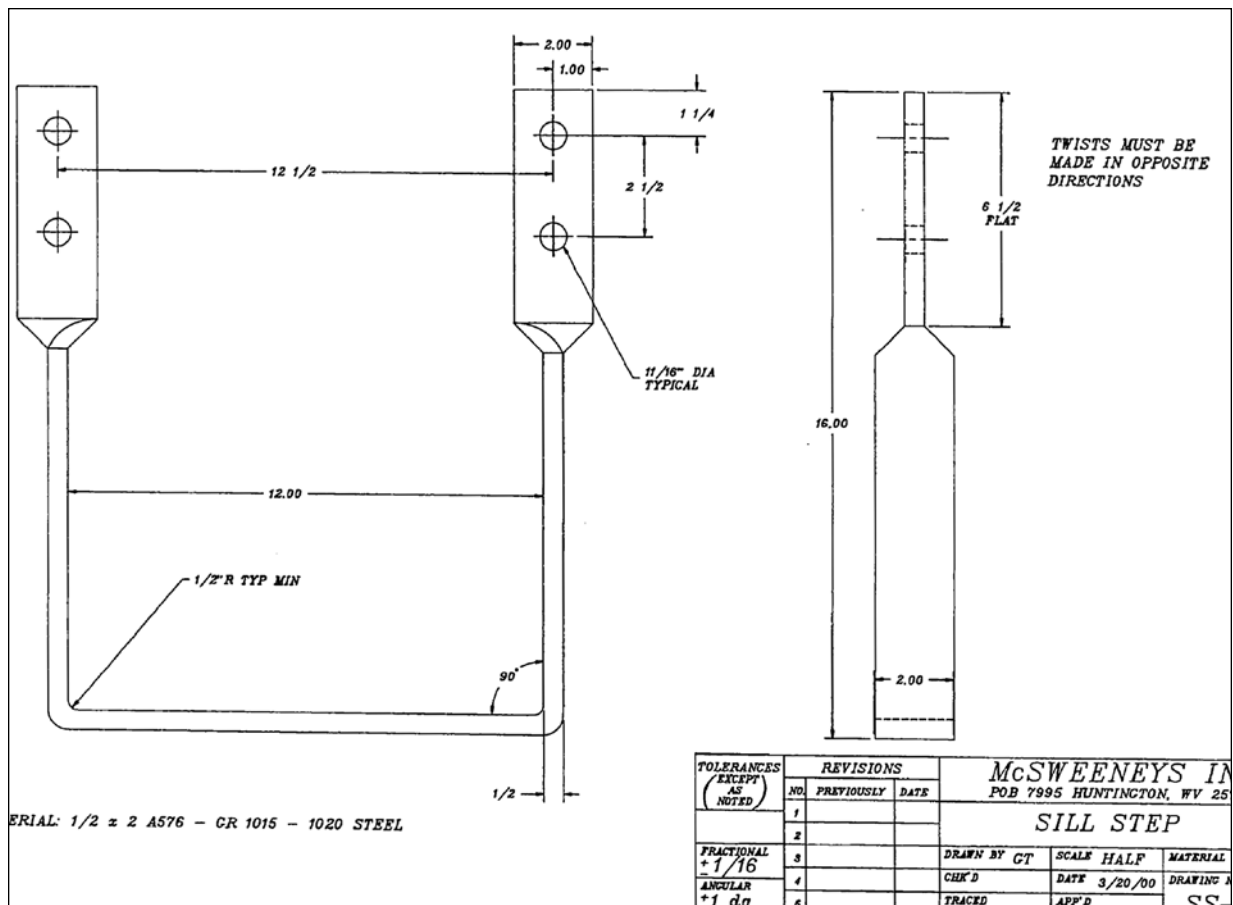
CP-T2E

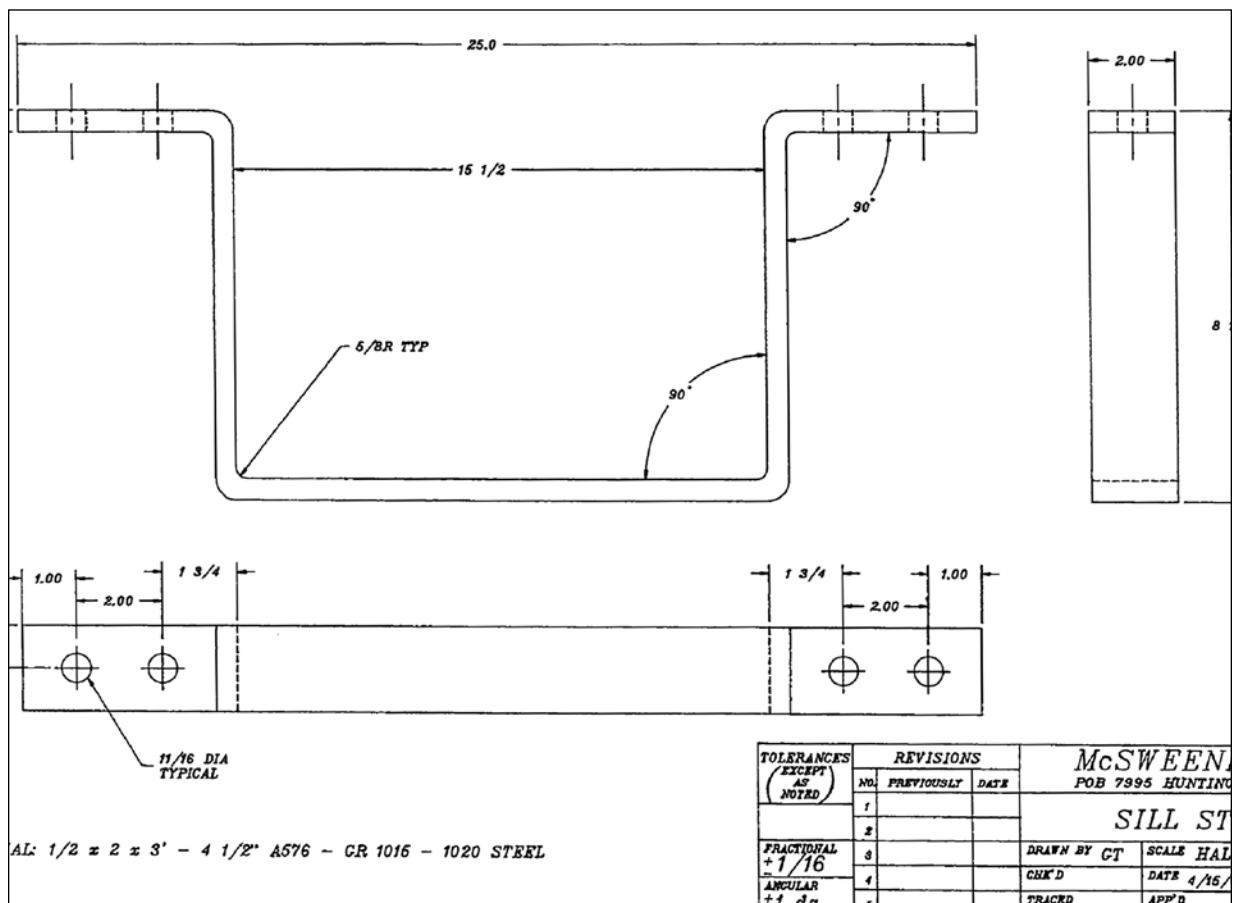
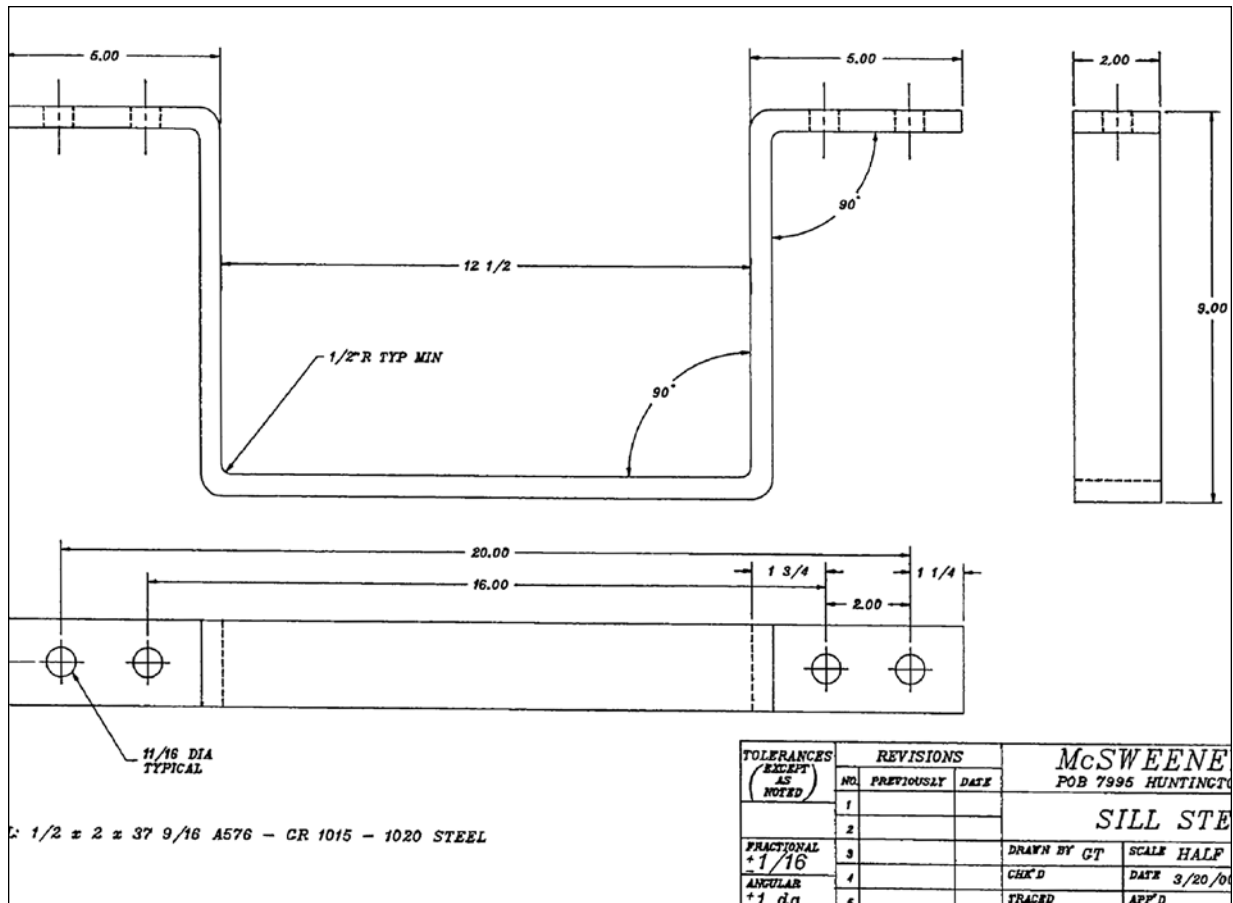


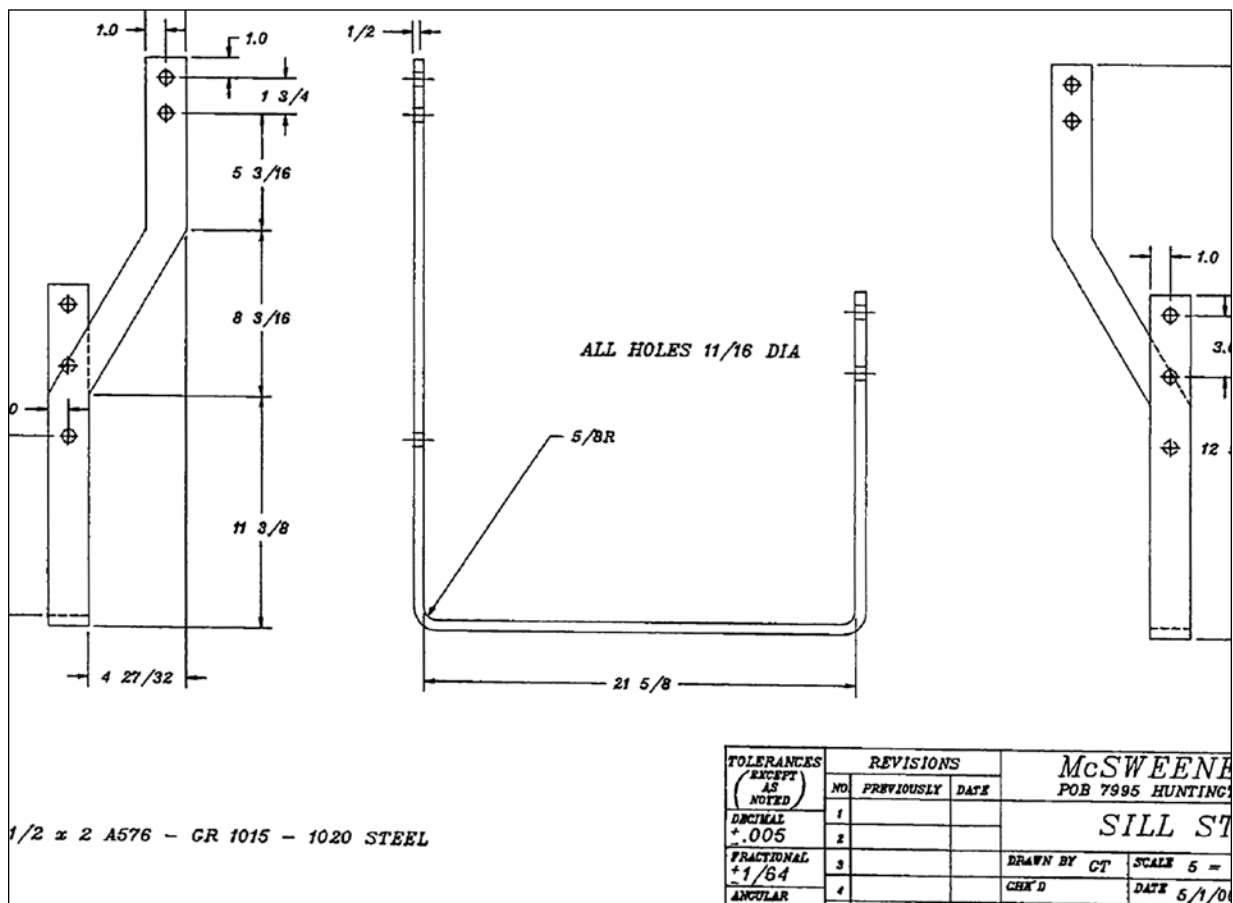
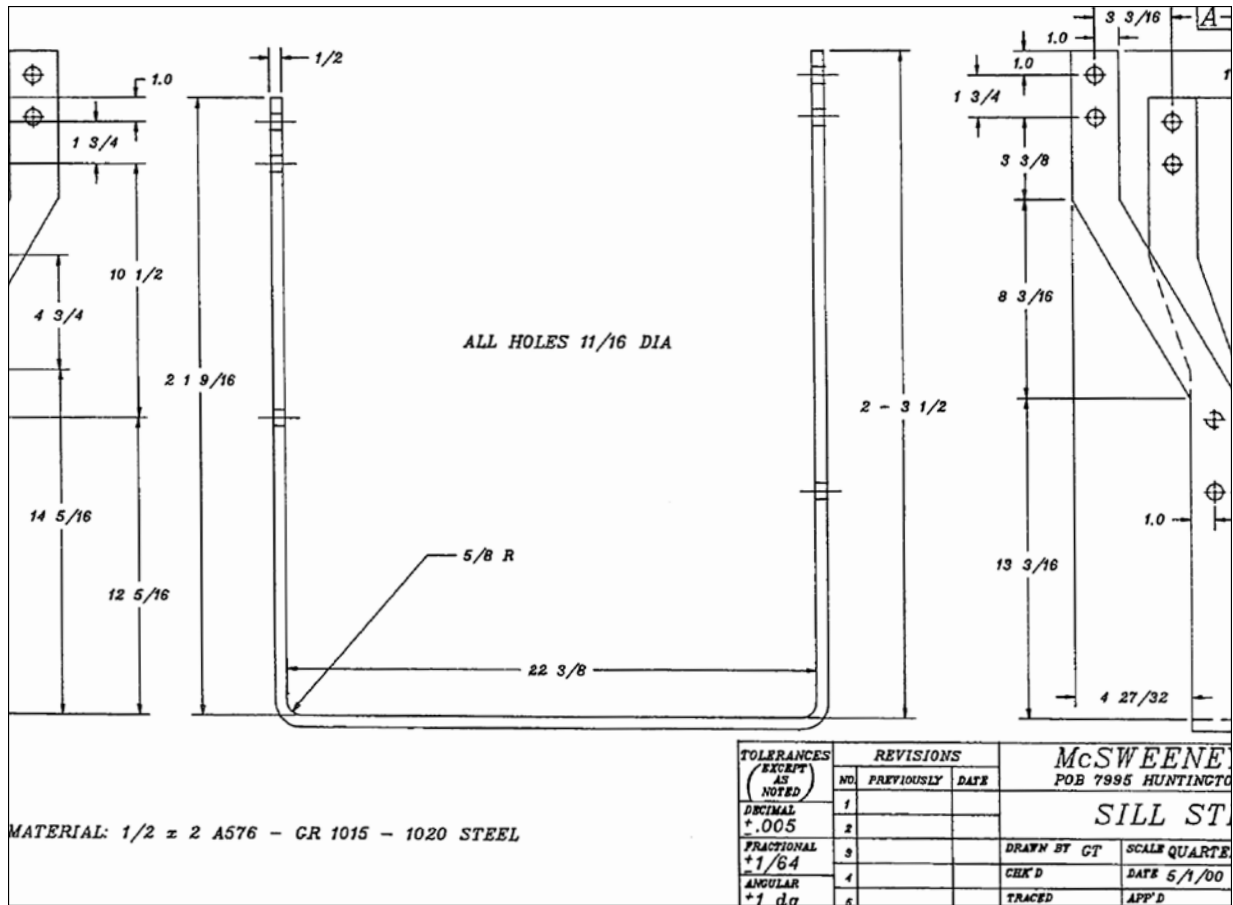
MATERIAL: 1 3/4"Ø x 15" A36

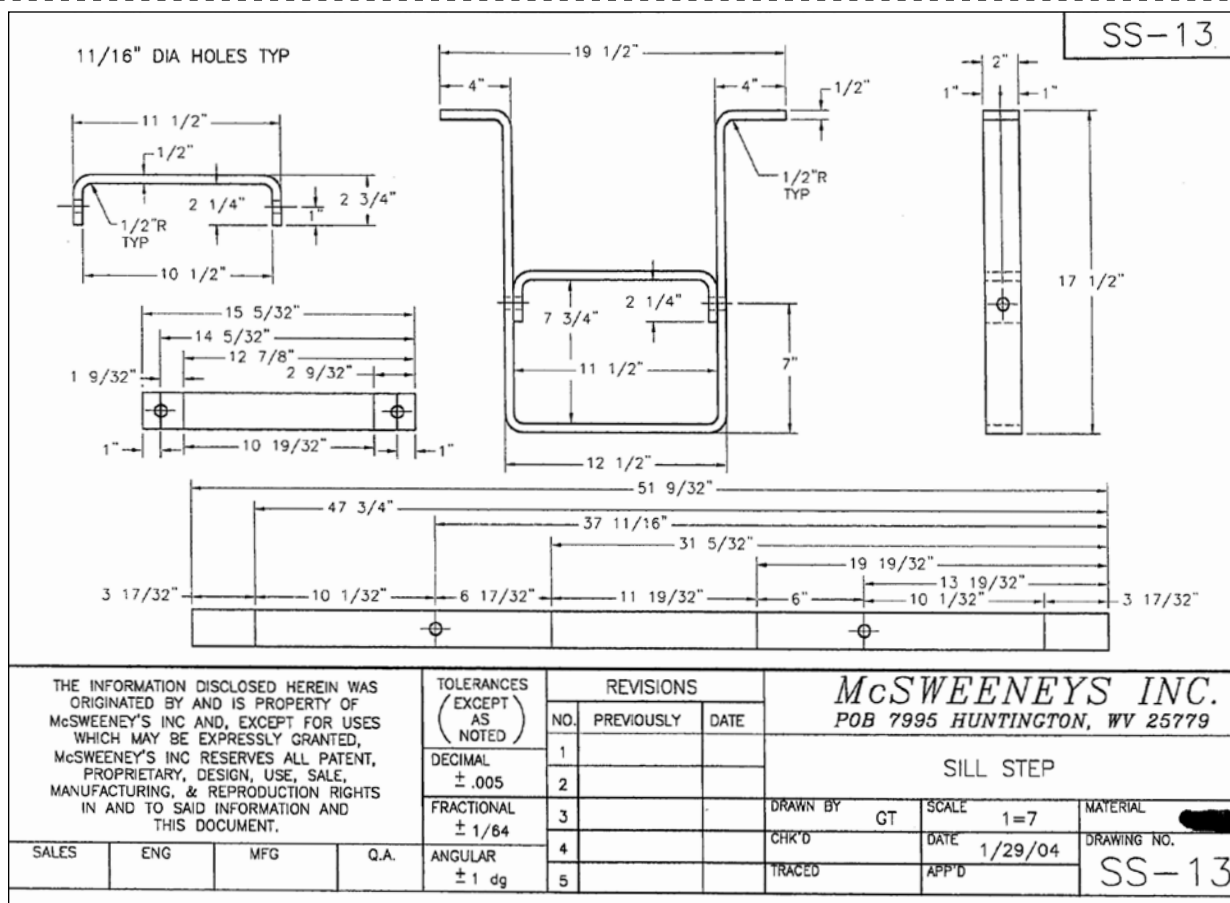
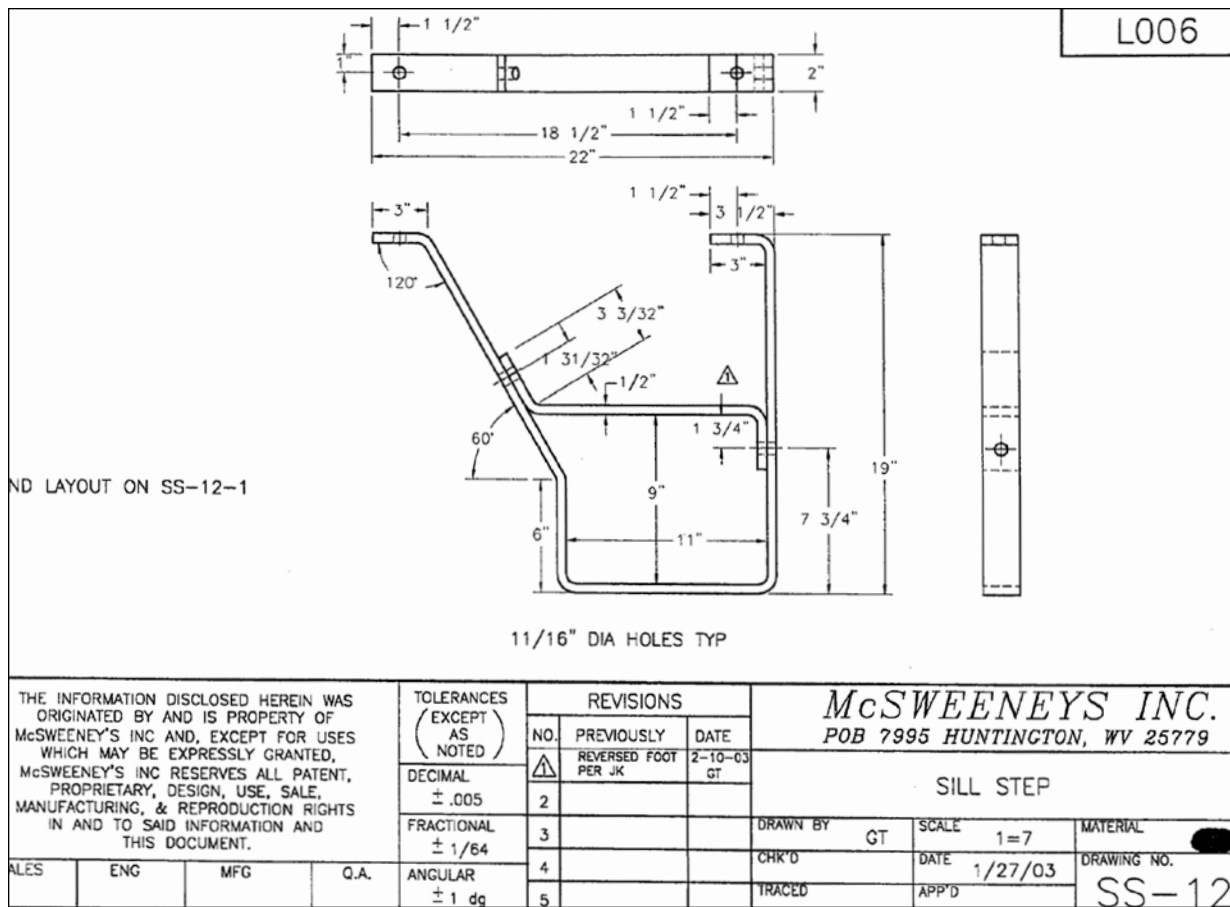
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				NO.	PREVIOUSLY	DATE			
				1			CENTER PIN w/TAPER ON BOTH ENDS		
				2			DRAWN BY	GT	SCALE FULL
				3			CHK'D	DATE	MATERIAL A36
LES	ENG	MFG	Q.A.	4			REDRAWN BY	REDRAWN DATE	DRAWING NO. J11
				5					

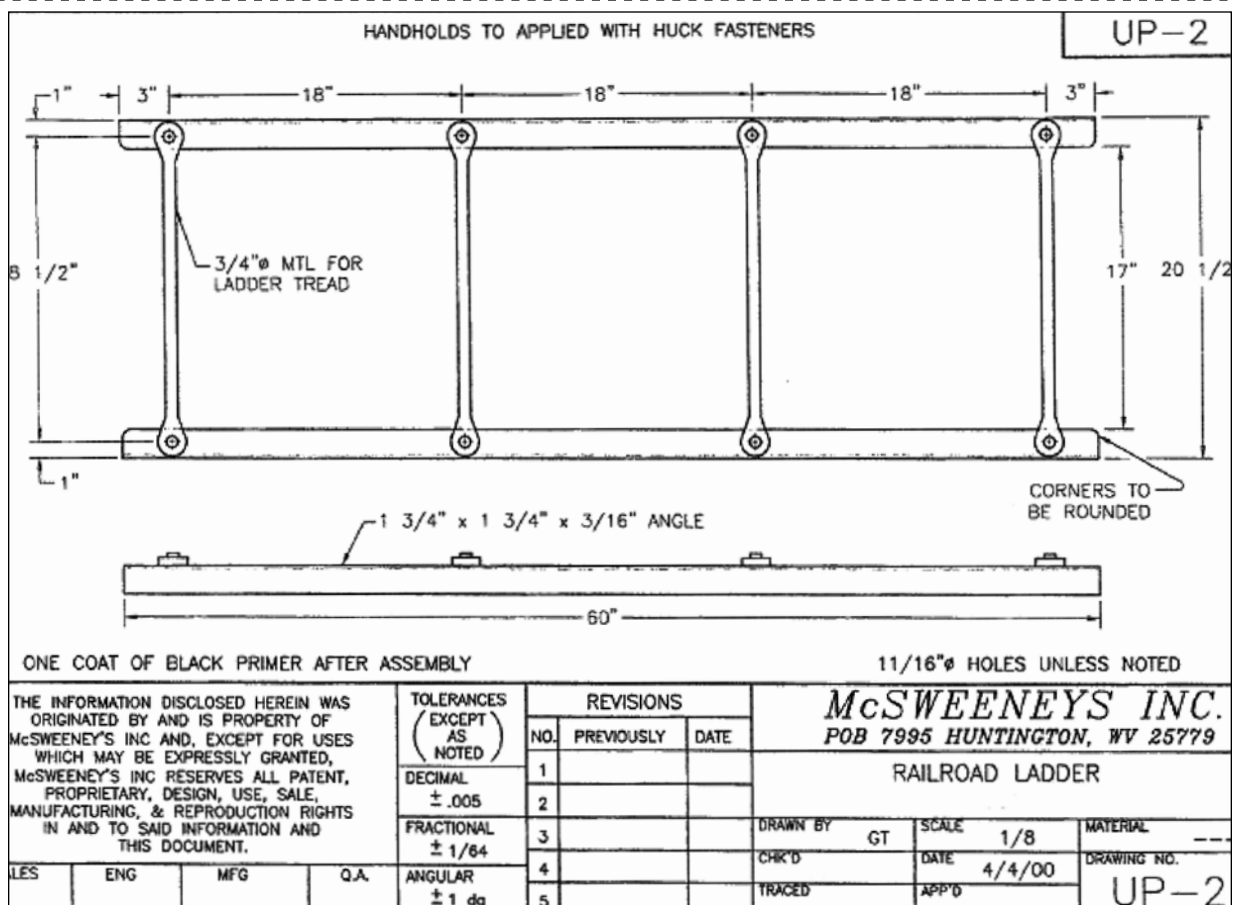
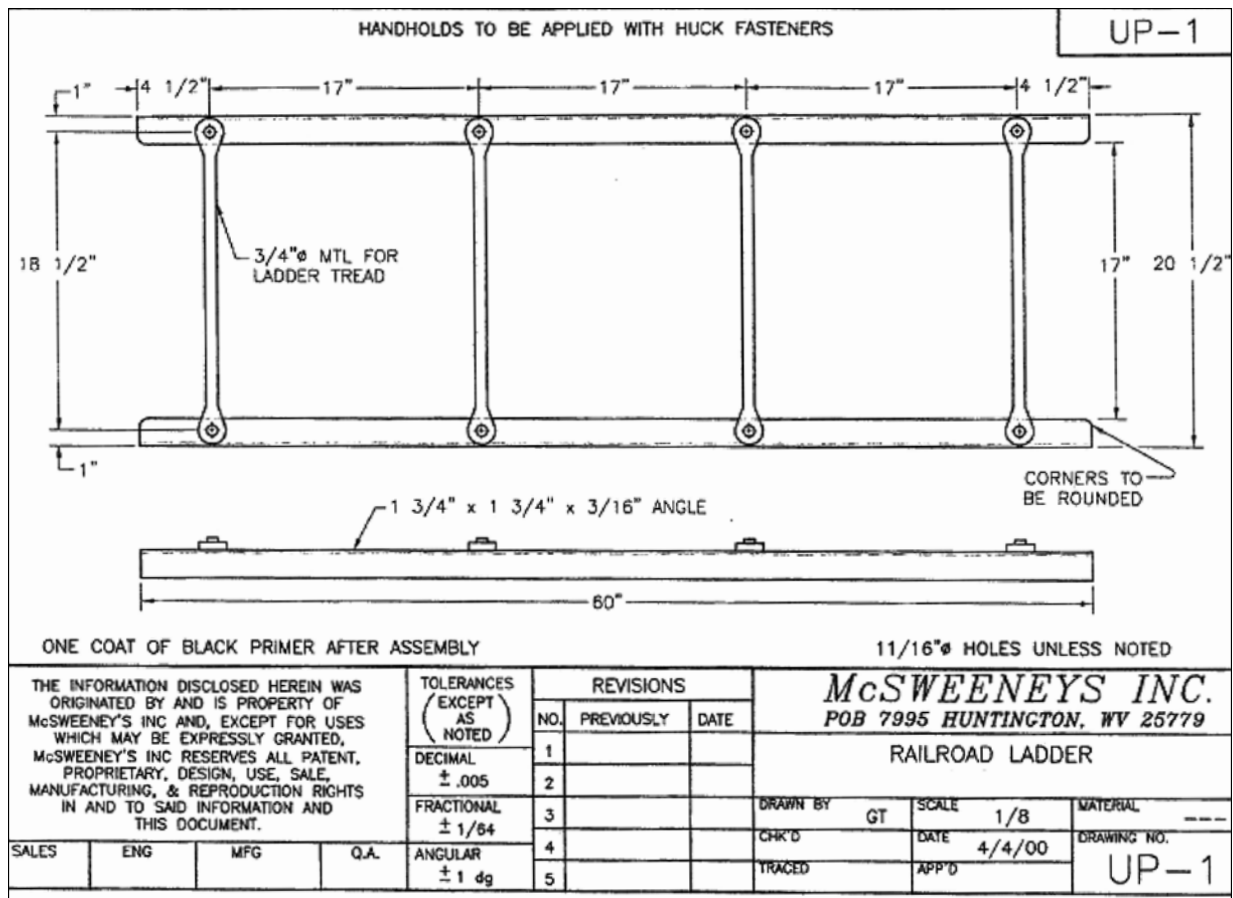


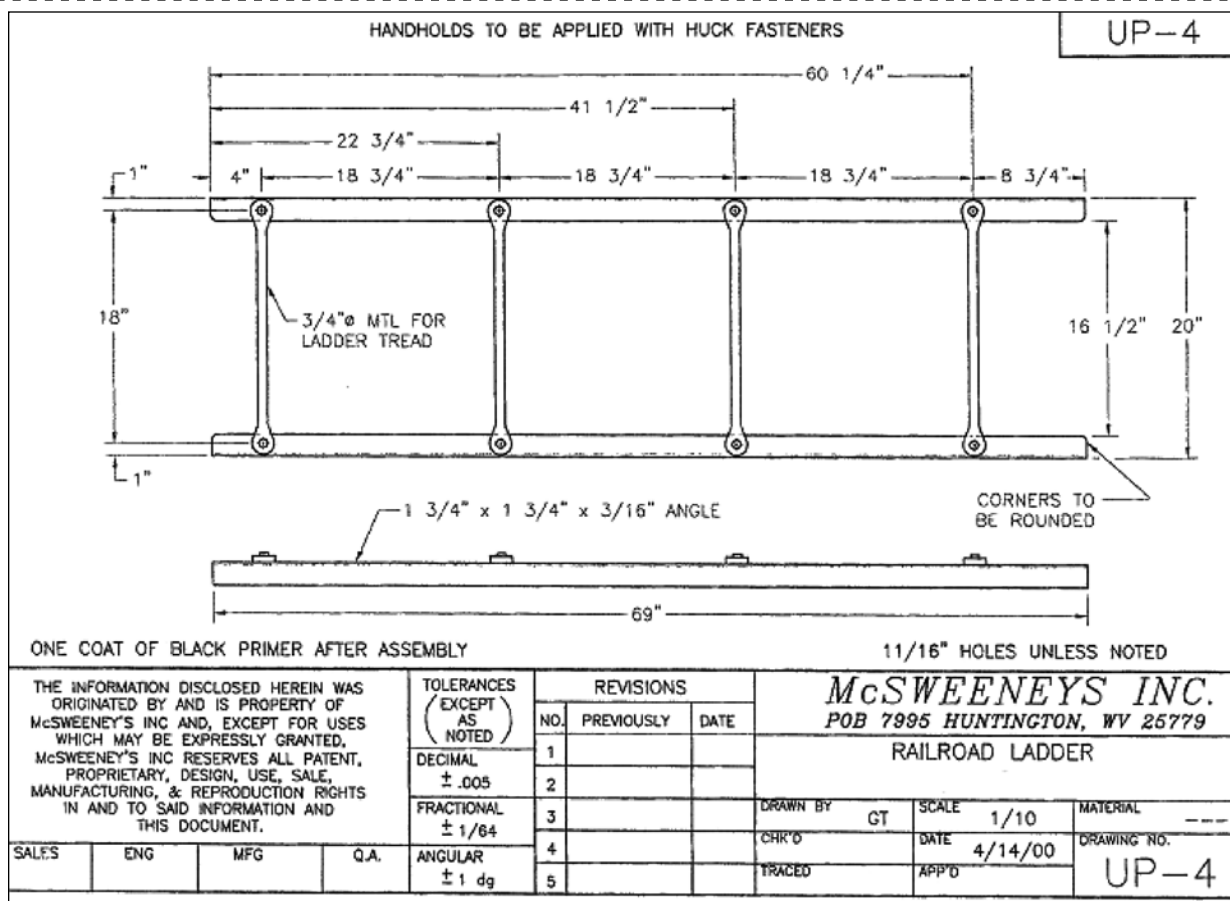
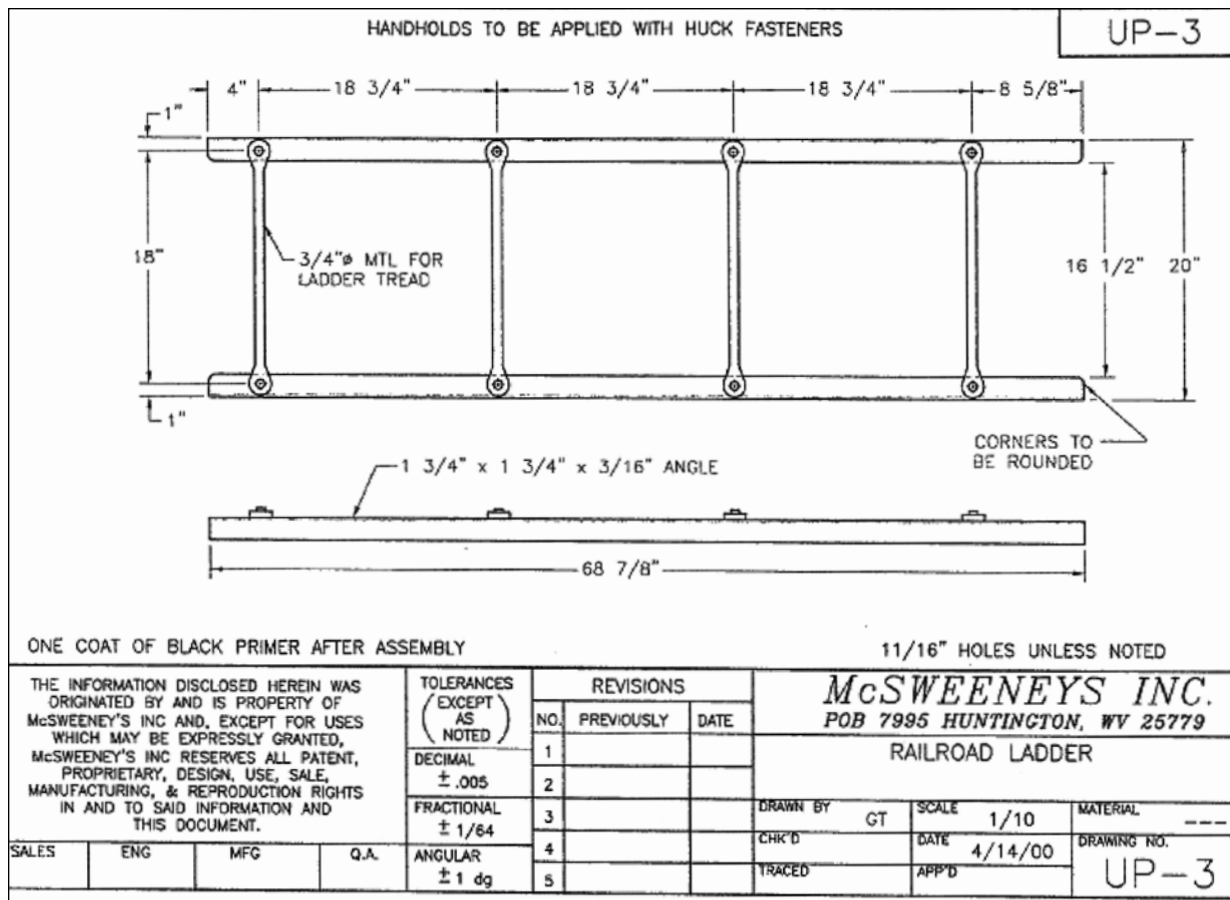


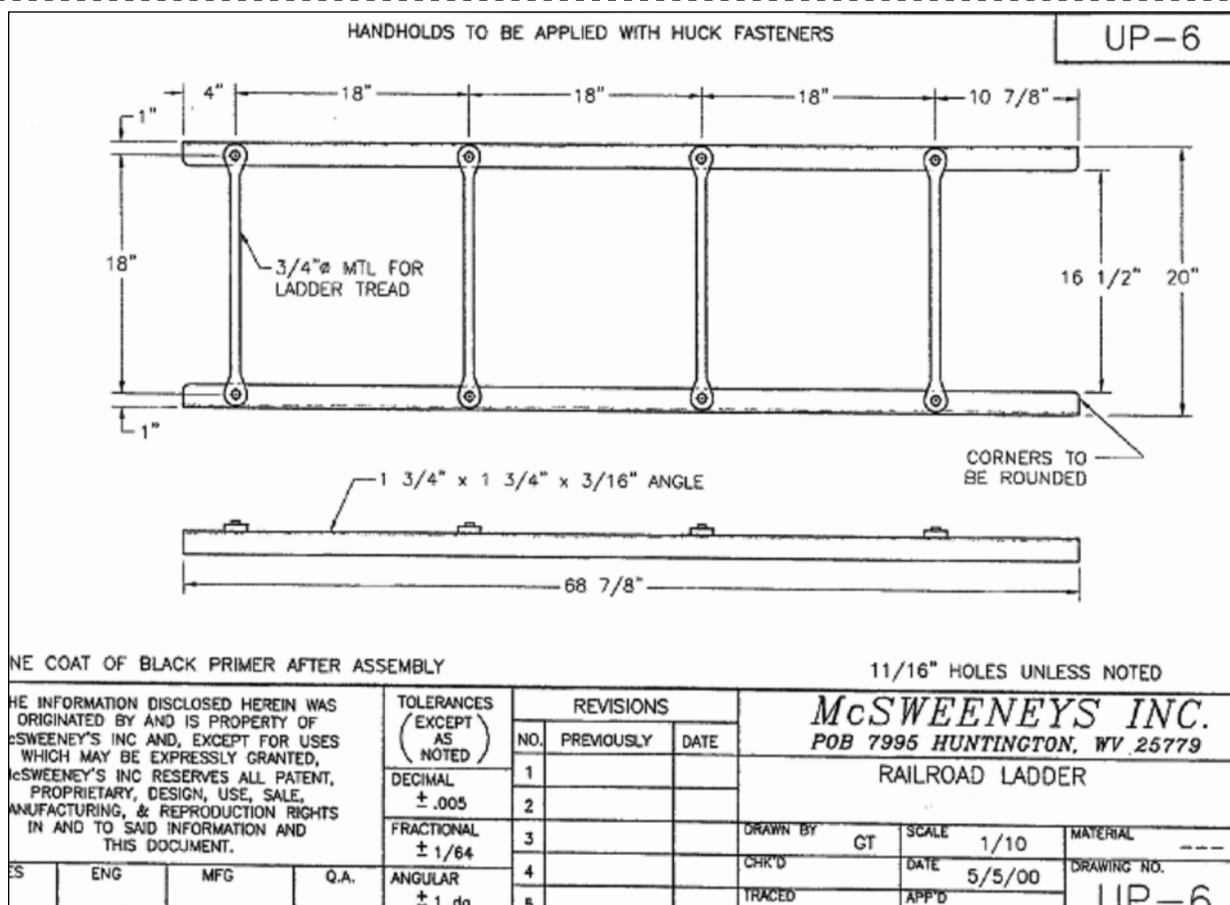
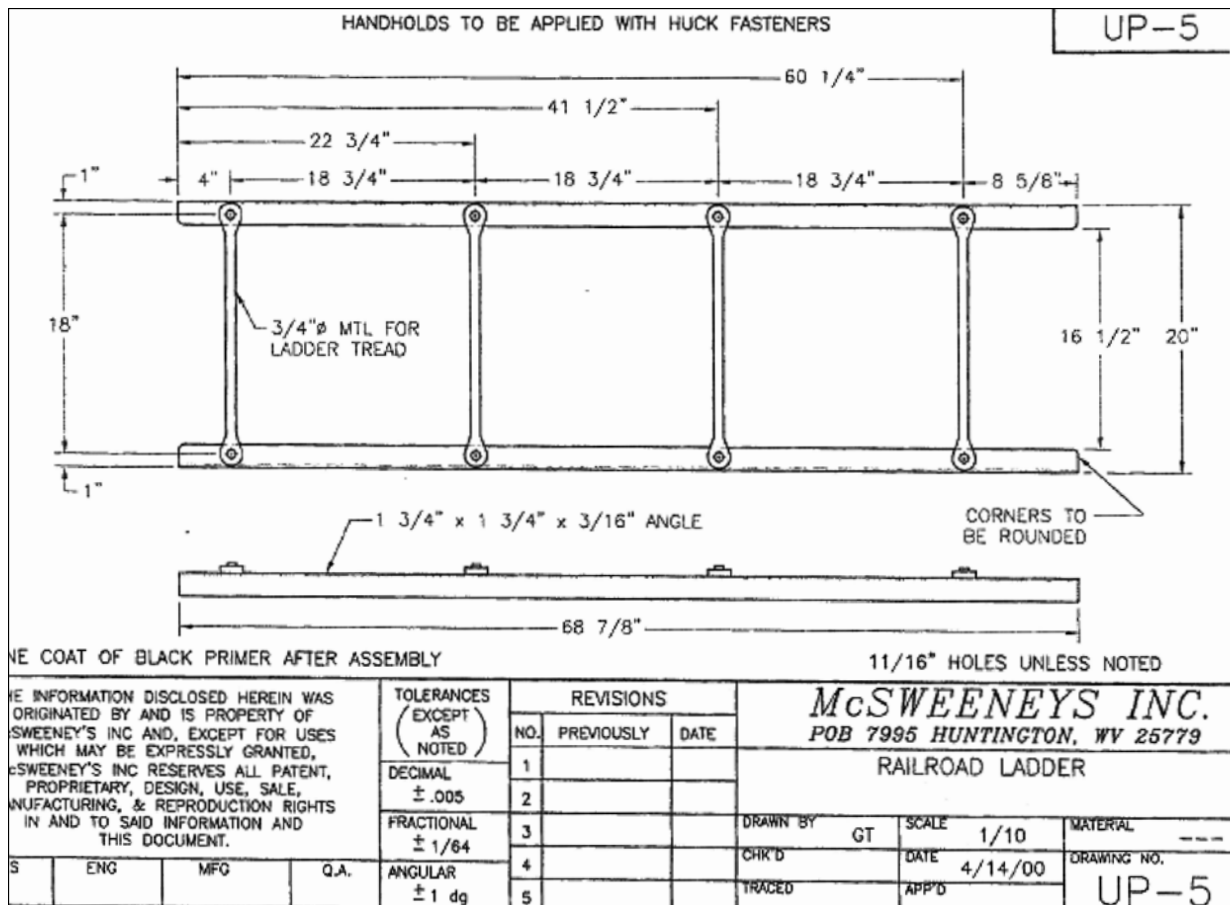


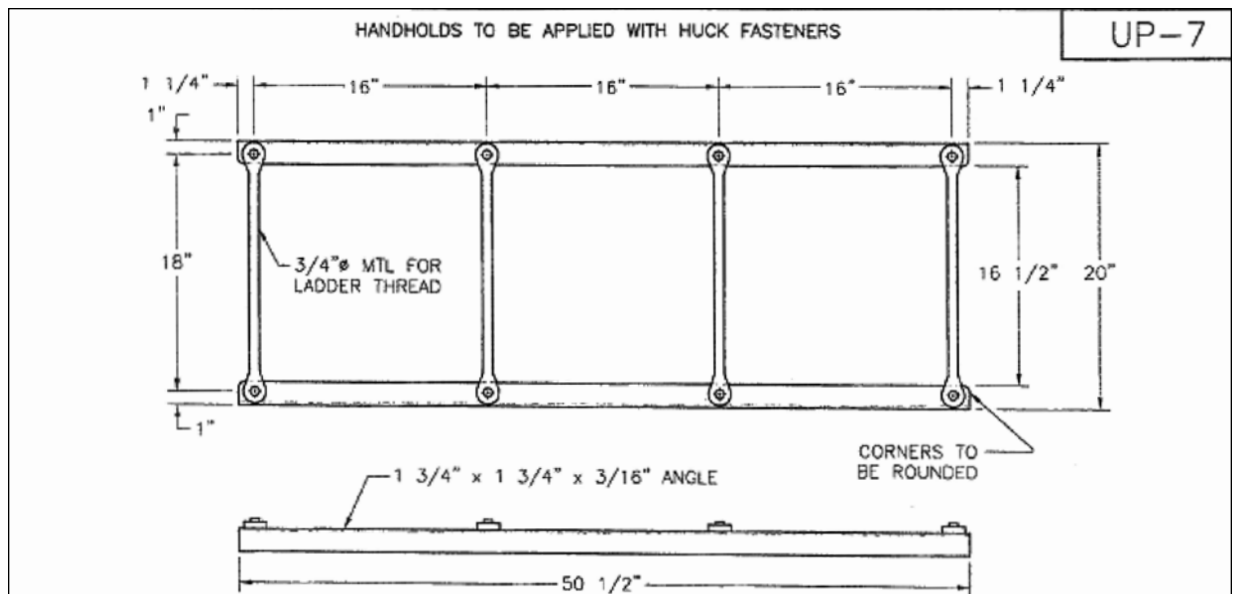












ONE COAT OF BLACK PRIMER AFTER ASSEMBLY

11/16" HOLES UNLESS NOTED

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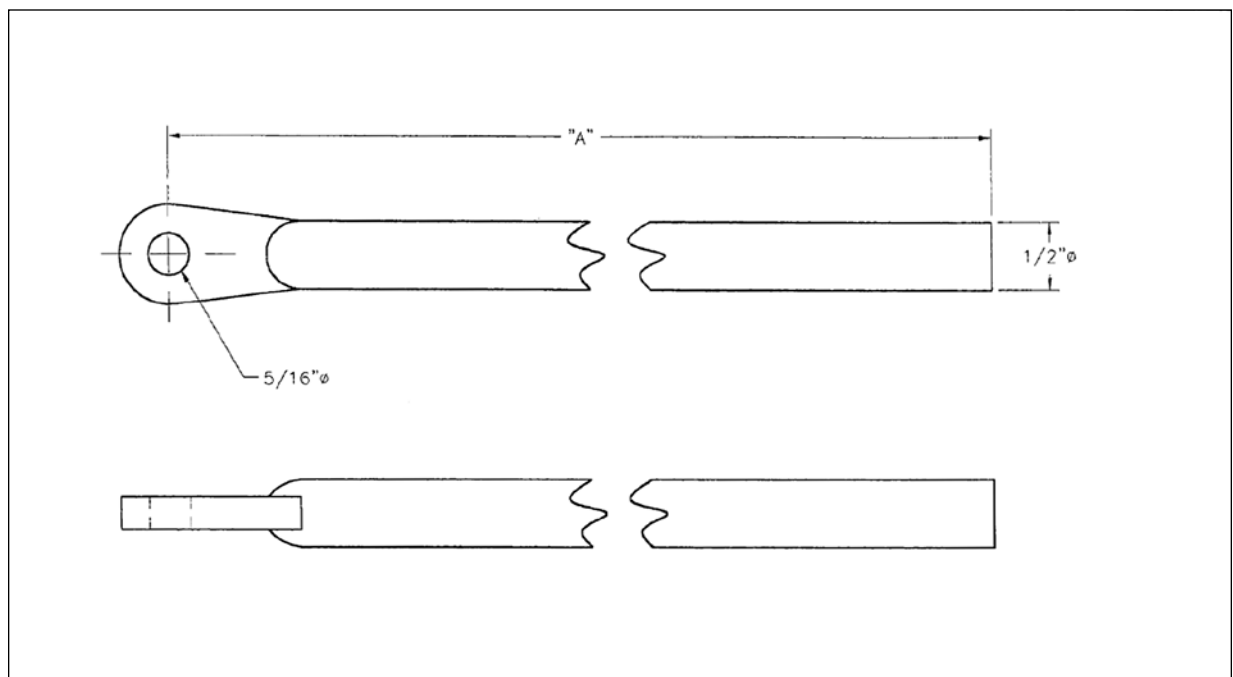
TOLERANCES (EXCEPT AS NOTED)
DECIMAL ± .005
FRACTIONAL ± 1/64
ANGULAR ± 1 dg

REVISIONS		
NO.	PREVIOUSLY	DATE
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McSWEENEYS INC.
POB 7995 HUNTINGTON, WV 25779

RAILROAD LADDER

DRAWN BY	GT	SCALE	1/10	MATERIAL	---
CHK'D		DATE	5/18/00	DRAWING NO.	UP-7
TRACED		APP'D			



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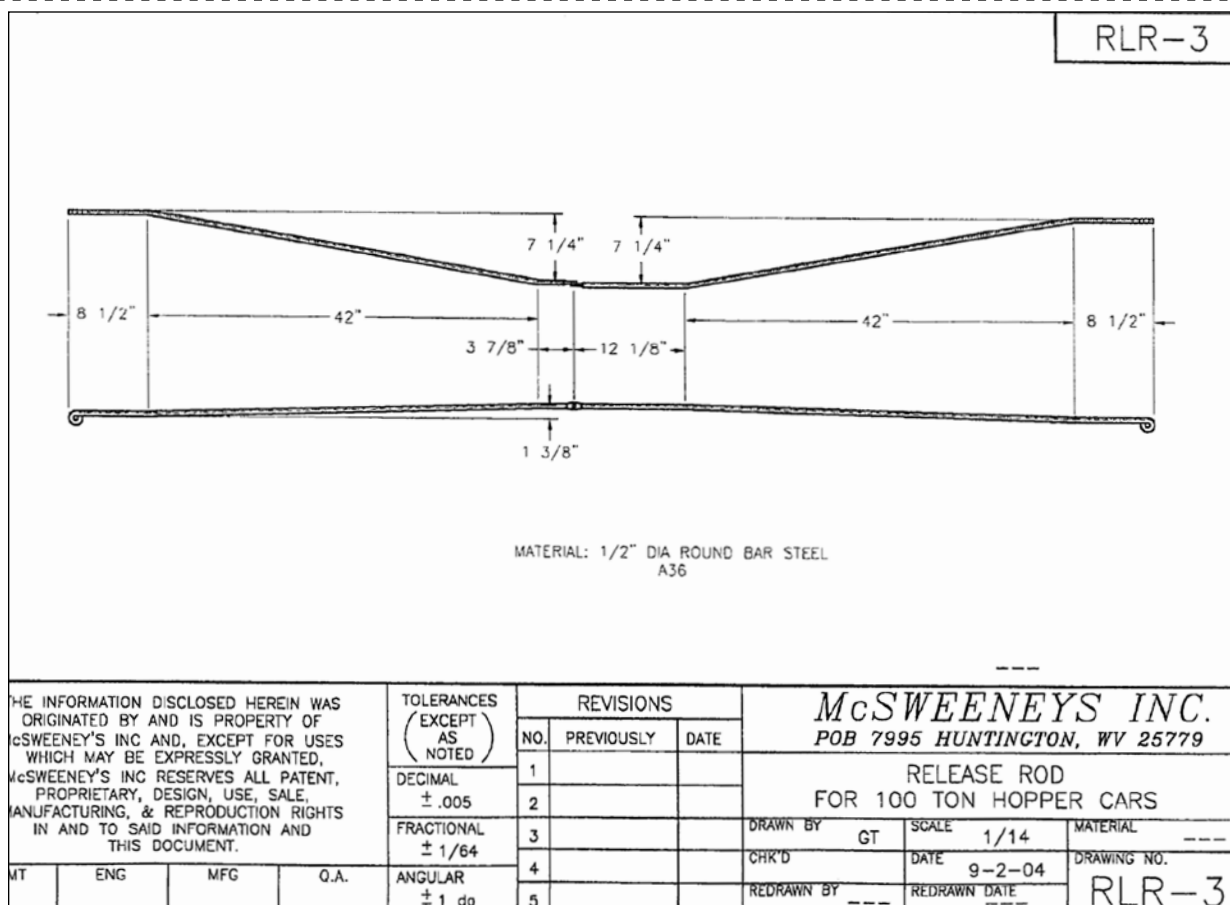
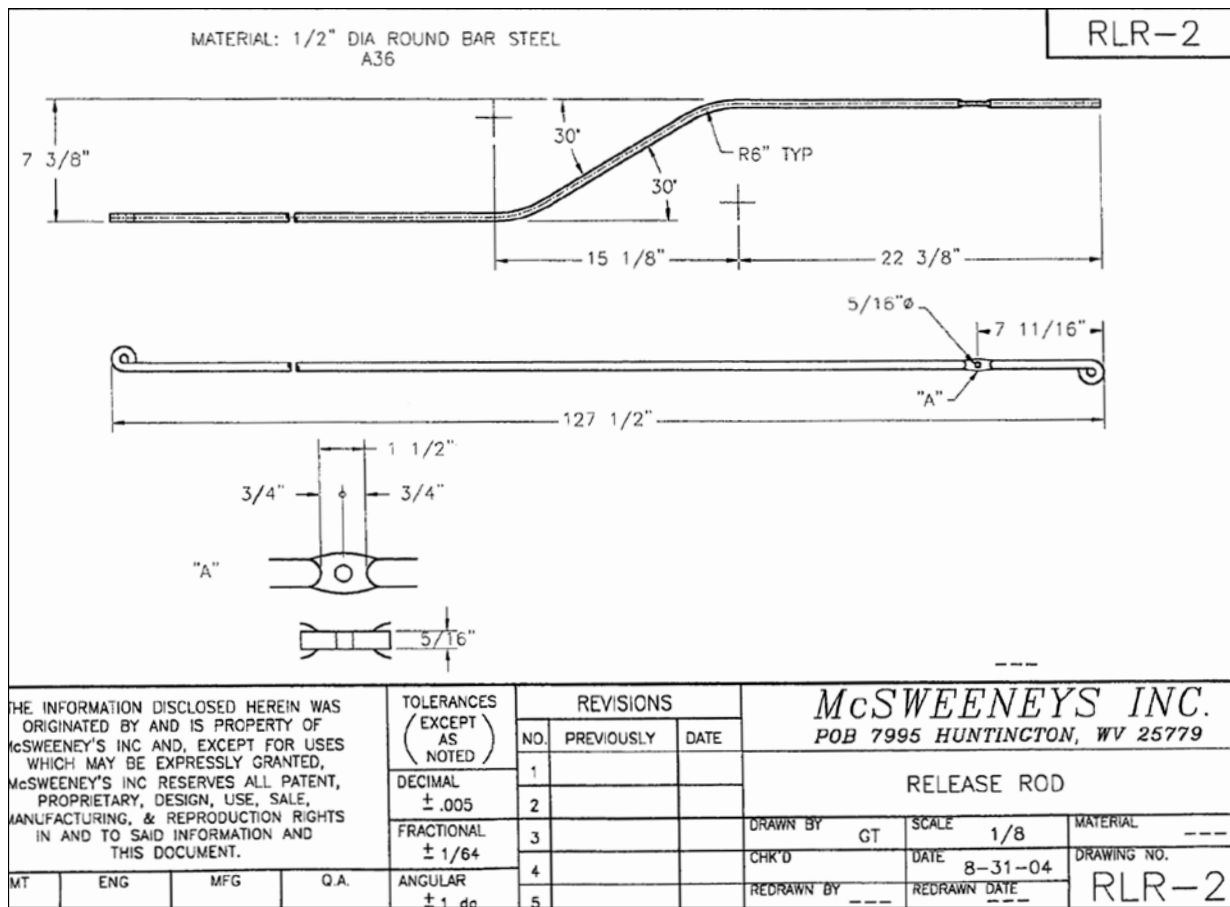
TOLERANCES (EXCEPT AS NOTED)
DECIMAL ± .005
FRACTIONAL ± 1/64
ANGULAR ± 1 dg

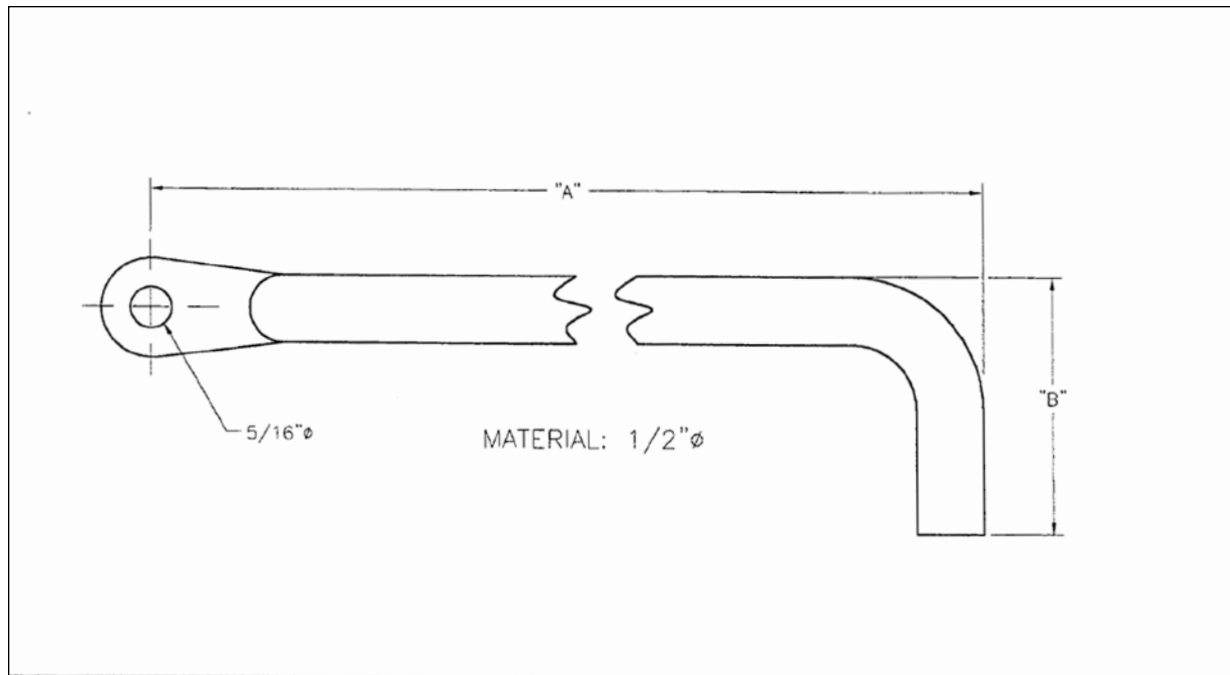
REVISIONS		
NO.	PREVIOUSLY	DATE
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McSWEENEYS INC.
POB 7995 HUNTINGTON, WV 25779

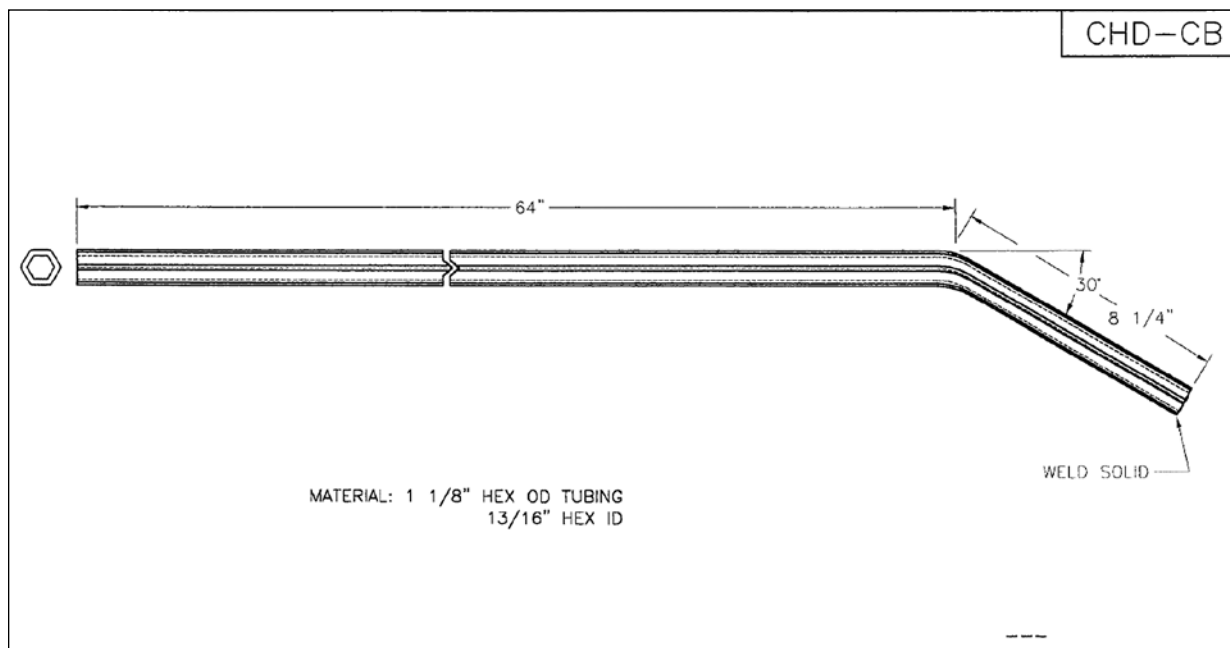
RELEASE ROD

DRAWN BY	GT	SCALE	FULL	MATERIAL	A36
CHK'D		DATE	8-27-04	DRAWING NO.	RLR-1
REDRAWN BY	---	REDRAWN DATE	---		





THE INFORMATION DISCLOSED HEREIN WAS ORIGINATED BY AND IS PROPERTY OF SWEENEY'S INC AND, EXCEPT FOR USES WHICH MAY BE EXPRESSLY GRANTED, SWEENEY'S INC RESERVES ALL PATENT, PROPRIETARY, DESIGN, USE, SALE, MANUFACTURING, & REPRODUCTION RIGHTS IN AND TO SAID INFORMATION AND THIS DOCUMENT.				TOLERANCES (EXCEPT AS NOTED)		REVISIONS			McSWEENEYS INC. POB 7995 HUNTINGTON, WV 25779							
				DECIMAL ± .005	NO.	PREVIOUSLY	DATE	1	2	RELEASE ROD						
				FRACTIONAL ± 1/64	3	4	5	DRAWN BY		GT	SCALE		FULL	MATERIAL		A36
								CHK'D			DATE		8-27-04	DRAWING NO.		RLR-4
				ANGULAR ± 1 dg	4	5		REDRAWN BY		---	REDRAWN DATE		---			
ENG	MFG	Q.A.														



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						NO.	PREVIOUSLY	DATE							
				DECIMAL ± .005	1			COAL HOPPER DOOR CLOSING BAR							
					2										
				FRACTIONAL ± 1/64	3			DRAWN BY	GT	SCALE	1/4	MATERIAL	---		
4			CHK'D			DATE	9-14-04	DRAWING NO.	A3339						
5			REDRAWN BY	---	REDRAWN DATE	---									
MGMT	ENG	MFG	Q.A.	ANGULAR ± 1 dg											

This catalog contains tabulated drawings of the basic railroad products currently furnished by JENNMAR McSweeney.

Your exact requirements may be ordered by inserting the variable dimensions on the appropriate drawing and faxing it to us at (740) 377-3363.

Once your requirements are known, we will assign a part number to establish a permanent cross file index for future reference.

If you need a part not contained in this catalog, we can custom manufacture whatever you need. Just give us a call and put our extensive forging experience to work for you.

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