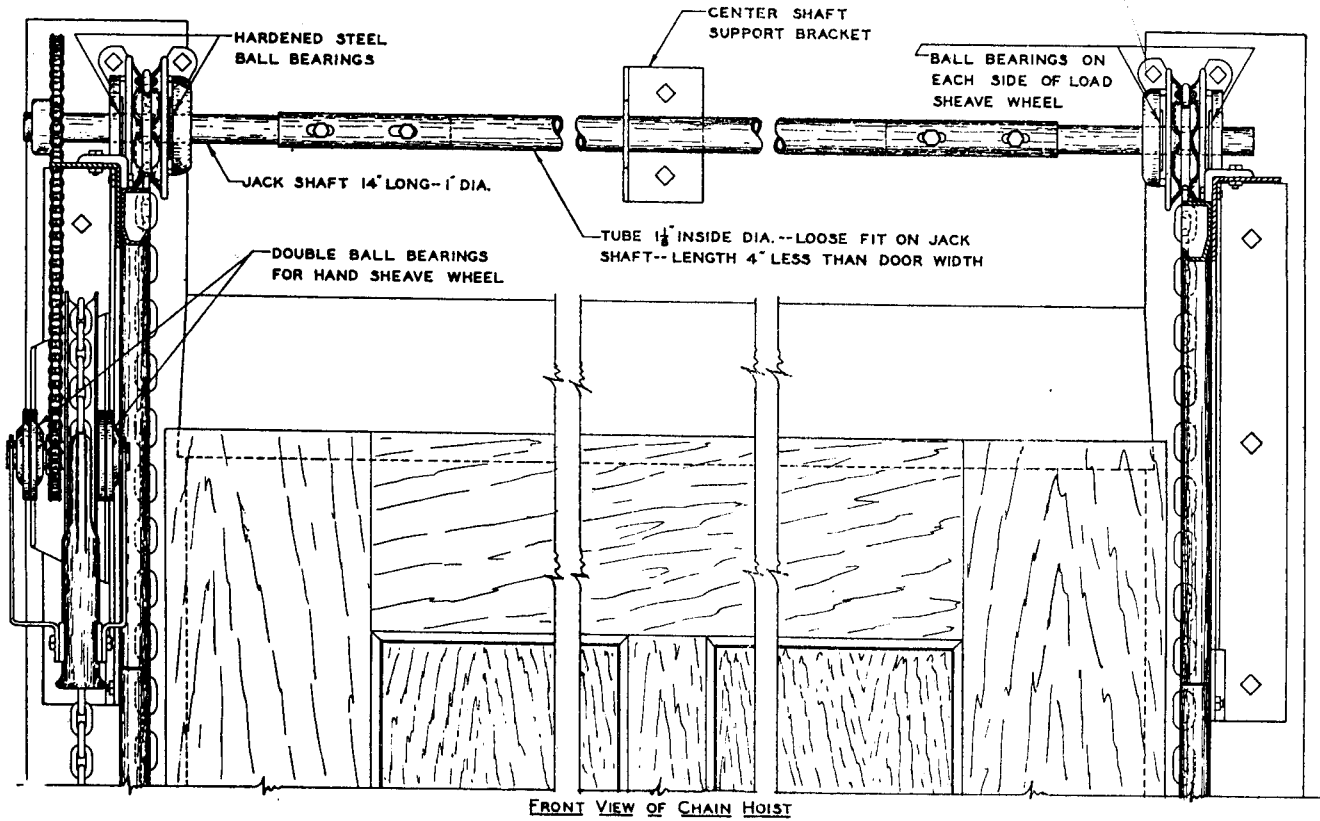
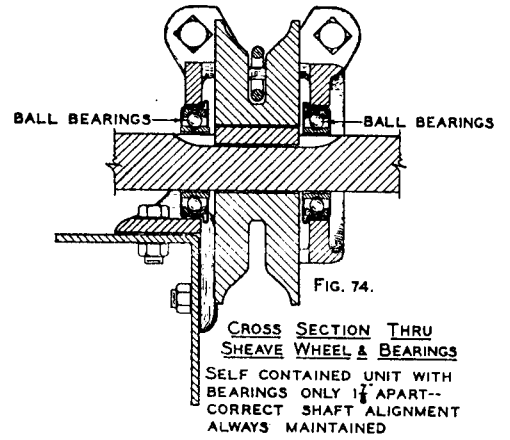
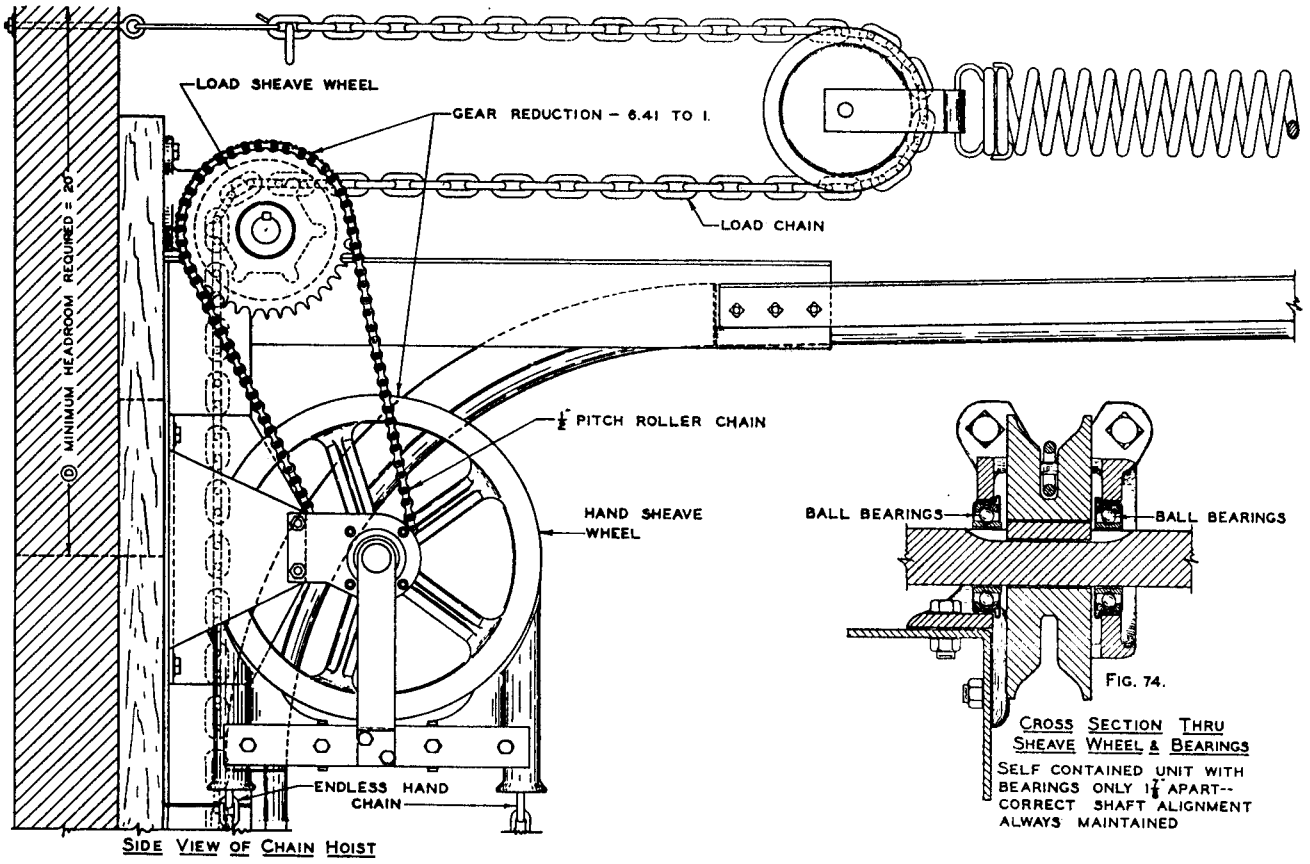
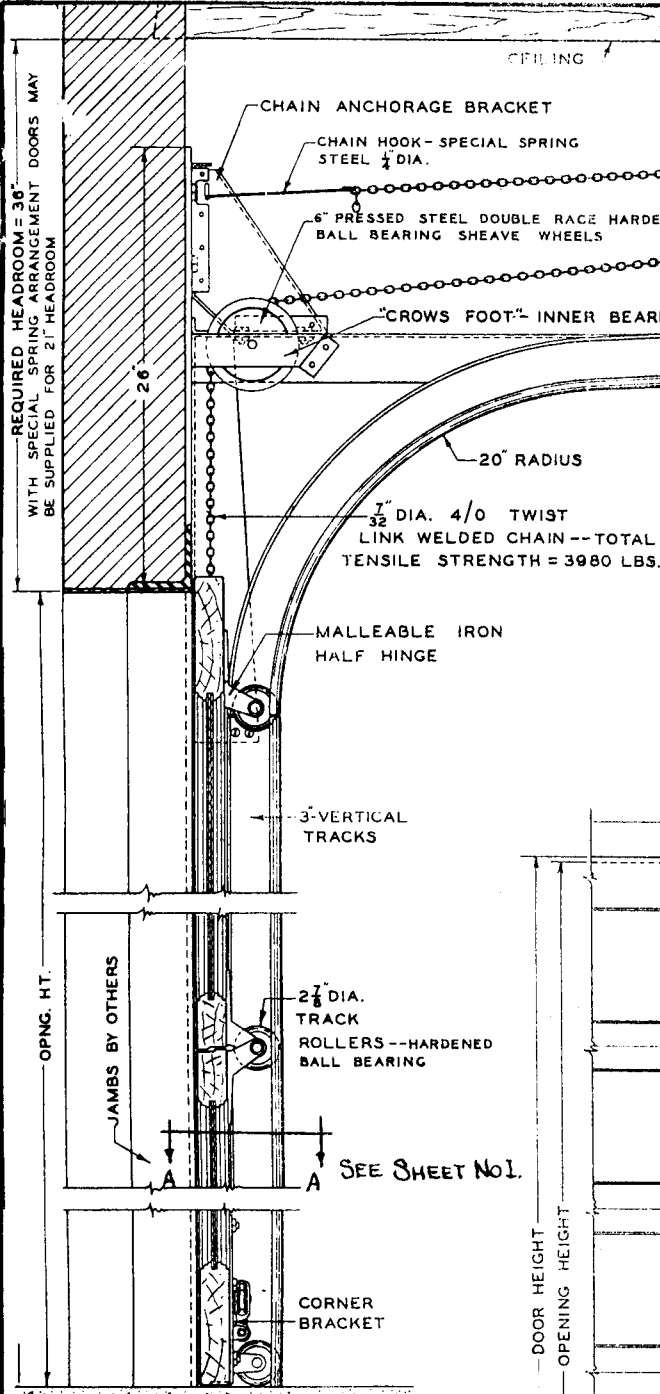


**NO. 10 CHAIN HOIST**—For Use on Model M-1 and G-1 Doors

See Page 9-B for Door Details

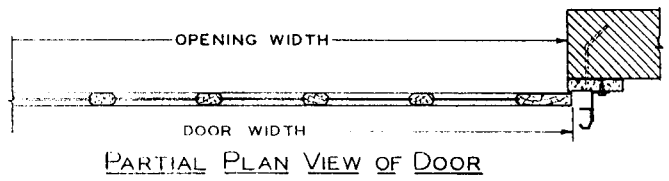
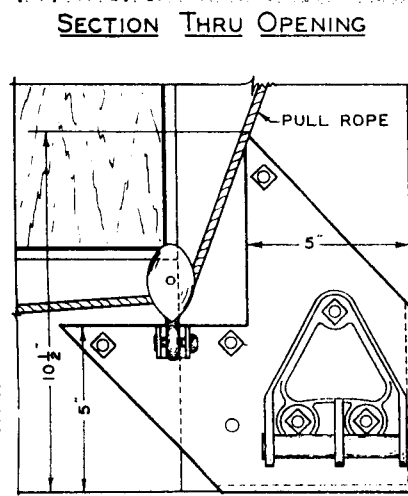
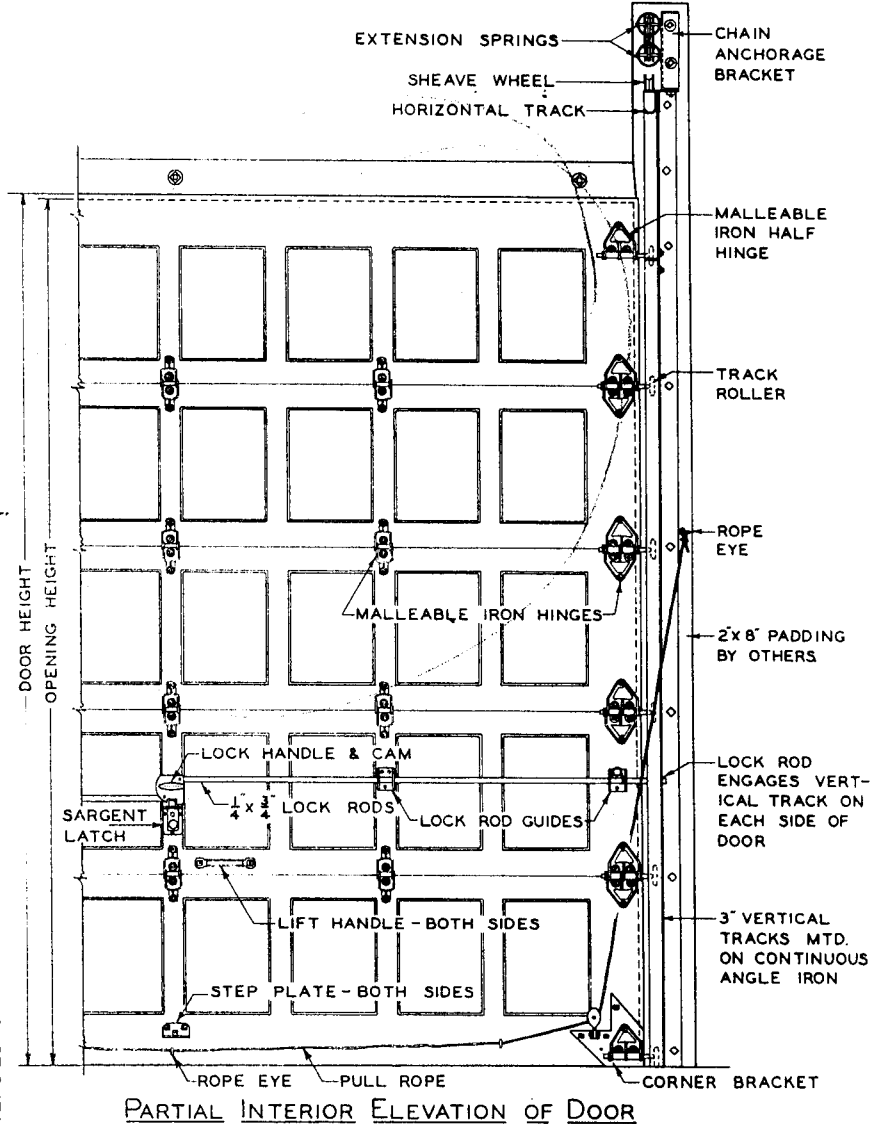
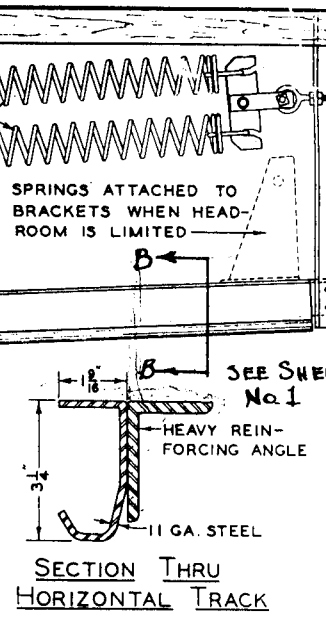


ROWE MANUFACTURING CO., GALESBURG, ILL., U. S. A.



SCHEDULE FOR REINFORCING ANGLE ON HORIZONTAL TRACKS

DOOR HT.	AREA	SIZE OF ANGLE
10'-4" TO 12'-4"	100" TO 144"	3/16" x 1 1/2" x 1 1/2"
12'-4" TO 13'-4"	144" TO 168"	3/16" x 2" x 2"
ABOVE 13'-4"	OVER 168"	1/4" x 2" x 3"

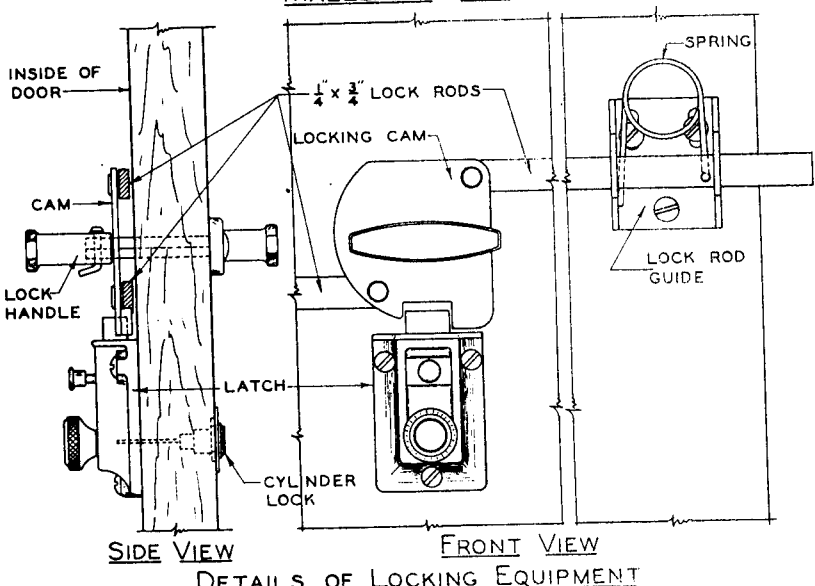
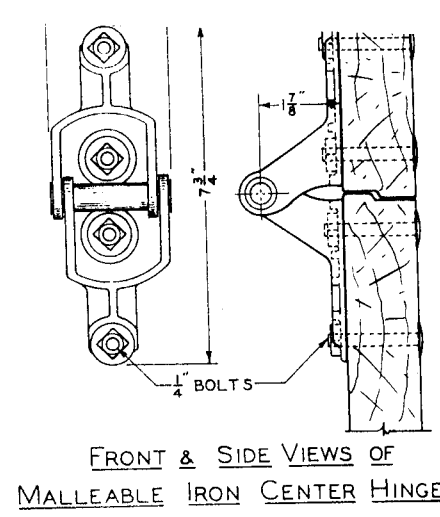
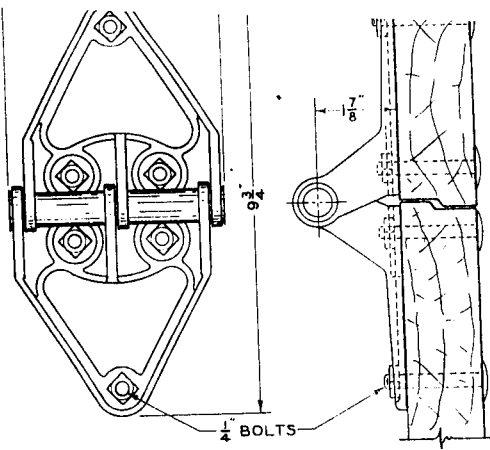
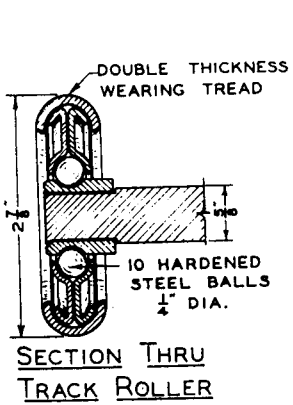
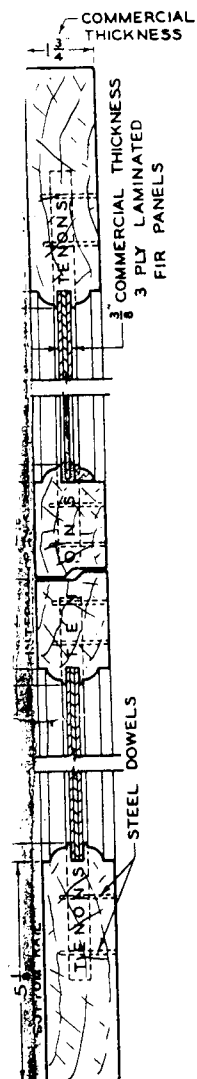


TRACK & TRACK ROLLER NOT SHOWN ON ABOVE VIEW.  
FRONT VIEW OF CORNER BRACKET

PARTIAL PLAN VIEW OF DOOR

FIG. No.

3" TRAC



- PANEL SCHEDULE -

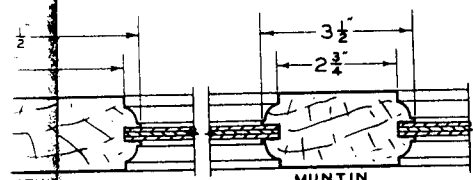
OPENING WIDTH	NO. PANELS
6'-6" TO 10'-6"	6
10'-7" TO 12'-6"	8
12'-7" TO 14'-6"	10
14'-7" TO 16'-6"	12
16'-7" TO 20'-6"	14

- SECTION SCHEDULE -

OPENING HEIGHT	NO. SECT.
6'-5" TO 8'-6"	4
8'-7" TO 10'-6"	5
10'-7" TO 12'-6"	6
12'-7" TO 14'-6"	7
14'-7" TO 16'-6"	8

VERTICAL SECTION THRU DOOR

14'-7" AND WIDER OR OVER  
FT. IN AREA HAVE  
BOTTOM RAILS = 7 1/2"  
MEDIATE RAILS = 7"  
TILES = 7 1/2"



DETAILS OF LOCKING EQUIPMENT

MODEL G-I

1 1/4" THICK -- 36" HEADROOM REQD. -- 5 1/2" SIDEROOM REQD. -- 20" RADIUS  
DOOR SECTIONS:- STILES AND RAILS ARE REGULARLY BUILT OF SITKA SPRUCE WITH 3 PLY LAMINATED FIR PANELS 3/8" THICK FINISHED TO 1/16". OTHER WOODS AVAILABLE ON SPECIAL ORDER. ALL DOOR JOINTS ARE BLIND MORTISE AND TENON STEEL DOWELED AND WATER-PROOF GLUED. SPECIAL SECTION AND PANEL DESIGNS ARE FURNISHED WHEN REQUIRED. [EXTRA] ANY ONE OR ALL SECTIONS MAY BE LEFT OPEN FOR GLASS. GLASS AND GLAZING ARE NOT INCLUDED. [EXTRA]

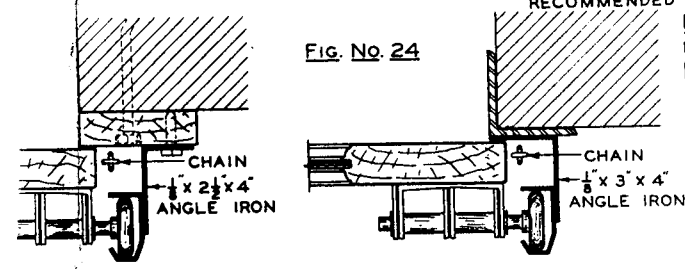
PRIME COAT:- NOT REGULARLY INCLUDED BUT WILL BE SUPPLIED AT EXTRA CHARGE WHEN SPECIFIED. PRIME COAT - ALUMINUM OR WHITE LEAD AND OIL.

HARDWARE IS AS SHOWN ON THIS DRAWING. ALL ROLLERS AND SHEAVE WHEELS ARE BALL BEARING. VERTICAL TRACKS ARE MOUNTED ON CONTINUOUS ANGLE IRON. COUNTERBALANCING SPRINGS ARE SUPPLIED FOR BALANCING DOOR GLAZED WITH DOUBLE STRENGTH GLASS. IF OTHER GLASS IS USED BE SURE TO ADVISE KIND WHEN SENDING ORDER. DOORS FOR OPNGS. 12'-6" TO 14'-6" WIDE HAVE SECTIONS REINFORCED WITH U-BAR STIFFENERS. DOORS FOR OPNGS. OVER 14'-6" WIDE HAVE SECTIONS REINFORCED WITH U-BAR TRUSSES. CENTER TRACK SUPPORT IS RECOMMENDED FOR DOORS OVER 22'-0" WIDE.

RUSTPROOFING:- BOLTS, NUTS, SCREWS, ETC. ARE CADMIUM PLATED. REMAINDER HARDWARE IS COMPLETELY PARKERIZED AND PAINTED WITH METALLIC PAINT. [SPRINGS AND BEARINGS PAINTED ONLY]

CHAIN HOIST:- RECOMMENDED FOR DOORS 12'-0" HIGH OR HIGHER AND FOR DOORS WITH 200 SQ. FT. OR MORE AREA.

FIG. No 24



1 1/2" GA. STEEL-MOUNTED ON 1/2" CONTINUOUS ANGLE IRON  
5 1/2" SIDEROOM REQUIRED  
STANDARD JAMB DETAILS

**Rowe Overhead Type Doors**  
STANDARD DETAILS  
MODEL G-I HEAVY DUTY

Rowe Manufacturing Co. Galesburg, Ill.

DATE: 2-3-41  
BY: A. J. R.

No. 515

**NO. 10 CHAIN HOIST—For Use on Model M-I and G-I Doors**

**USES**—Recommended for large and heavy doors; hoists should be used where areas exceed 179 Sq. Ft. or where height exceeds 12 feet.

**DOOR MODELS**—May be used on Model M-I Doors, page 9-A, and Model G-I, page 9-C.

**HEADROOM**—For Model M-I Doors 20" clear space above door opening if springs are above horizontal tracks—14" if springs are below tracks. For Model G-I Doors, 25" if springs above—21" if springs below horizontal track.

**SIDEROOM**—6" for Model M-I—6½" for Model G-I is required on the side the hand sheave wheel is located—opposite side same as required by model of door used (i. e.; M-I 5", G-I 5 to 5½").

**GEAR RATIO**—6.41 to 1 reduction—allows easy and free hand operation.

**LOAD CHAINS**—Two 7/32" diameter No. 4/0 Matched Link Chains—total tensile strength, 3980 lbs.

**LOAD SHEAVE WHEEL**—Supported by ball bearings on each side of the sheave wheel—no chance to sag or bind and cause friction as the load chain always has a direct balanced center pull. See Fig. 74.

**JACK SHAFT**—1" diameter by 13" long for each load sheave wheel unit. Supported by two hardened steel ball bearings each containing 17 balls, placed only 17/8" apart. See Fig. 74. This close spacing of ball bearings eliminates crooked or mis-aligned shafts which are a common cause of poor door operation. The jack shaft, load sheave wheel, ball bearings and curved track sections are all factory assembled, and are not locally built at the job site.

**ALIGNMENT**—Of R. H. side jack shaft to L. H. side jack shaft is unnecessary—may be as much as 1" out of alignment without causing added friction. This makes installation easier and adds years to the life of the door.

**HEADER CONNECTING TUBE**—A steel tube 1½" inside diameter is provided for loose fit connection over end of each jack shaft. Length of tube is door width less 4". Wide doors have center support bracket for this connecting tube.

**DOOR ADJUSTMENT**—A flange adjusting collar is provided on the header connecting tube for leveling the hang of the door. No turnbuckles are required.

**HAND SHEAVE WHEEL**—10¼" pitch diameter—2 ball bearings. Uses 2/0 Elwell straight link chain having smooth rounded corners making a safe and easy hand grip. (Because of danger of hand lacerations, inferior chains having exposed sharp edges are not used.) The Hand Sheave Wheel is regularly located on L. H. side of door, but may be located on R. H. side if requested—no extra charge.

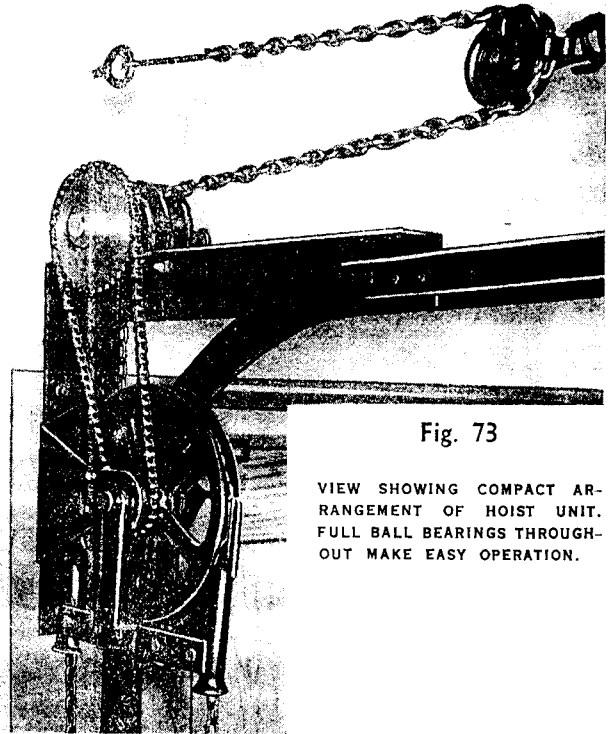


Fig. 73

VIEW SHOWING COMPACT ARRANGEMENT OF HOIST UNIT. FULL BALL BEARINGS THROUGHOUT MAKE EASY OPERATION.

**ADVANTAGES OF RO-WAY NO. 10 CHAIN HOIST**

1. Every bearing a *BALL BEARING* gives easy operation.
2. Accurate alignment of load sheave wheel shafts *IS NOT NECESSARY*.
3. Only 1¼" *ADDITIONAL SIDEROOM* required on hand chain side—no additional sideroom required on other side.
4. *EASY TO INSTALL*, because jack shaft unit is assembled and attached to the curved track section at the factory.