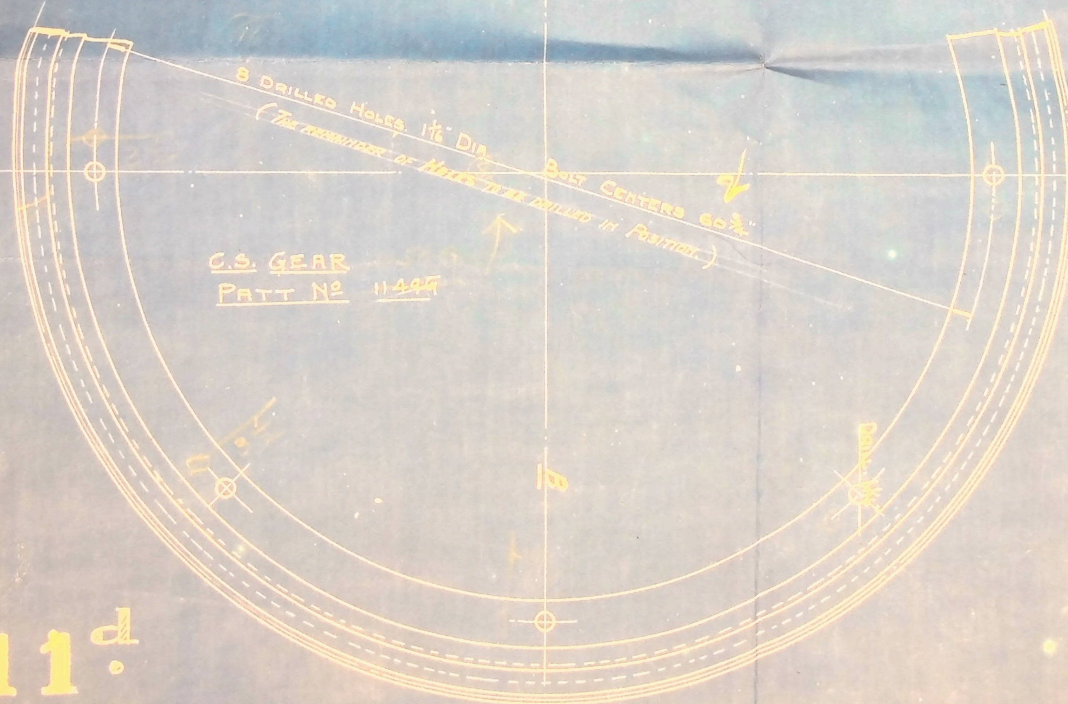


*6" Fillet*  
*2 1/2" Rough Turn.*  
*3/8" Turn.*  
*6" Dia*



*6" Mill*

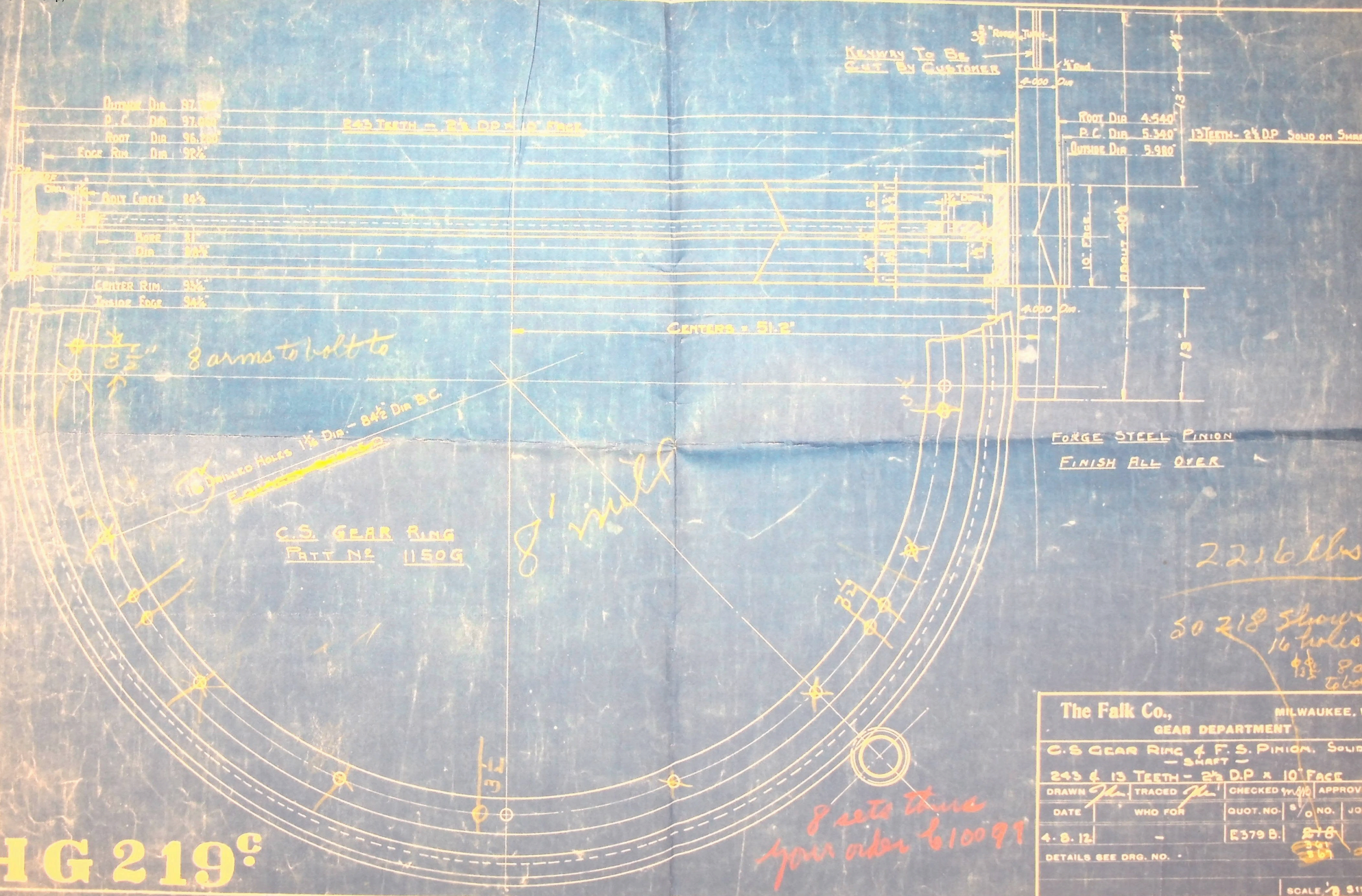
FORGE STEEL PINION  
 FINISH ALL OVER

*Order from Mill Section May 4 to Falk Co. W.H.S.*

*6" MILL*

The Falk Co.,		MILWAUKEE, WIS.		
GEAR DEPARTMENT				
C.S. GEAR RING & FORGED STEEL PINION - SOLID ON - SHAFT -				
213 & 13 TEETH - 3 D.P x 8" FACE				
DRAWN	TRACED	CHECKED	APPROVED	
DATE	WHO FOR	QUOT. NO.	8/10 NO.	JOB NO.
3.27.12		5329A	217	
DETAILS SEE DRG. NO. --				
SCALE 3/8" = 1"				

**HG 211<sup>d</sup>**



HG 219<sup>c</sup>

FORGE STEEL PINION  
FINISH ALL OVER

2216 lbs  
50 218 Shows  
16 holes  
1/2" for  
to bolt

8 sets thru  
your order 610097

C.S. GEAR RING  
PART NO. 11509

16 Pinhole Holes 1/2" Dia. - 8 1/2" Dia B.C.  
Flange

8 arms to bolt to

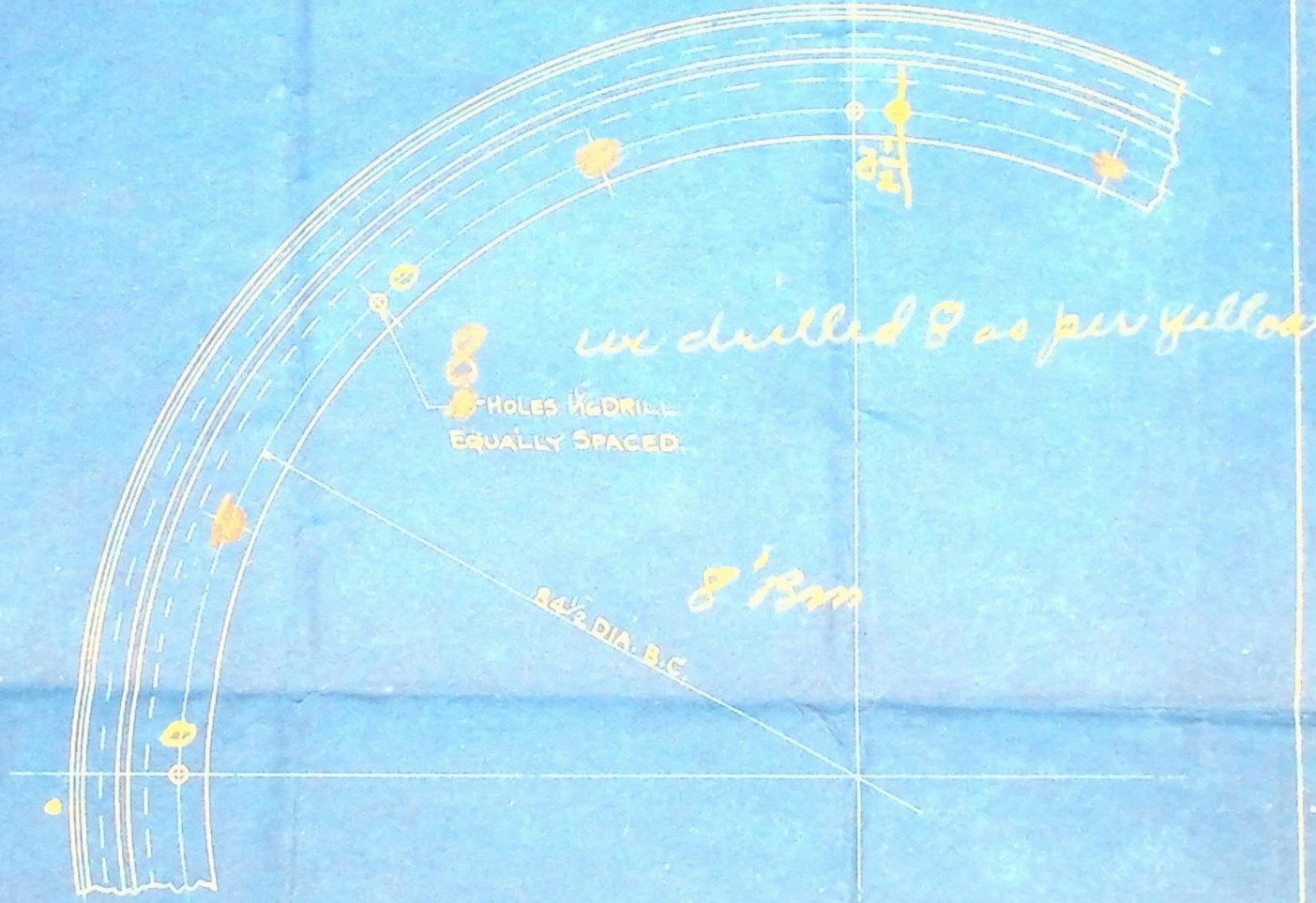
Keyway To Be  
CUT BY CUSTOMER

24 TEETH - 2 1/2 DP 10' FACE

CENTERS = 51.2"

JOB No.		S. O. 2369		NOTE				INQUIRY No.		
PATT. NO.	NO. REQ.	MATERIAL	NO. ARMS	TEETH	PITCH	FACE	CENTERS	R. P. M.	RF. WEIGHT	FIN. WEIGHT
1150-G	5	CAST ST.	-	243	2 1/2 DP	10"	51.200"			

Adams Township, MI



TURN OUT DIA. 97.700"  
 P.C. DIA. 97.060"  
 ROOT DIA. 96.260"  
 INS. RIM DIA. 94 1/4"



FOR 5 MILLS  
 NOV. 1915 - B.M. THE FALK CO.

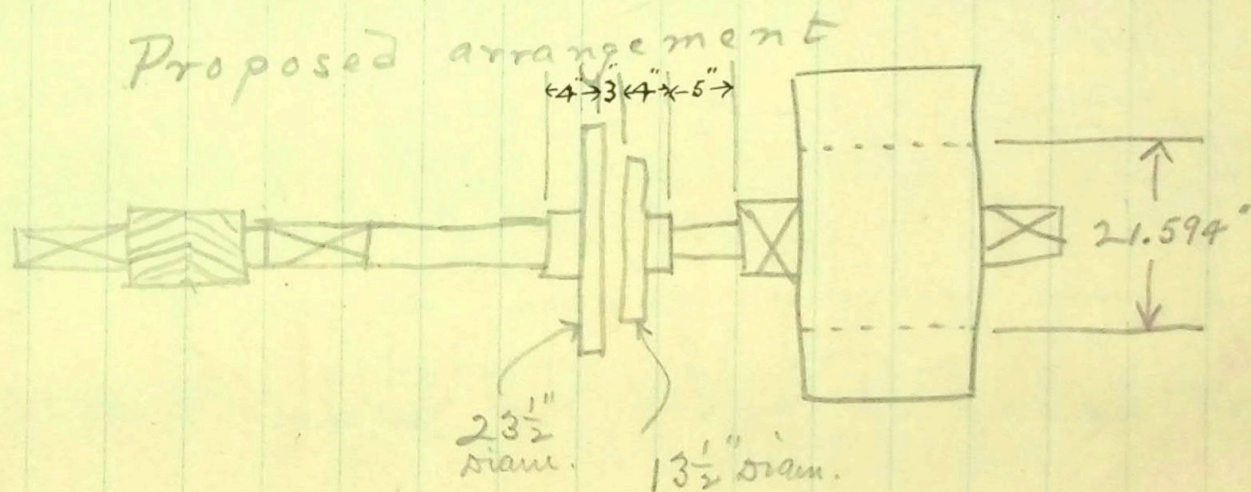
O.K. ST. N. DATE 11-12-15.

HGS. 938 PINION SEE H. G. S. 939

GEAR DEPARTMENT  
 MILWAUKEE, WIS.



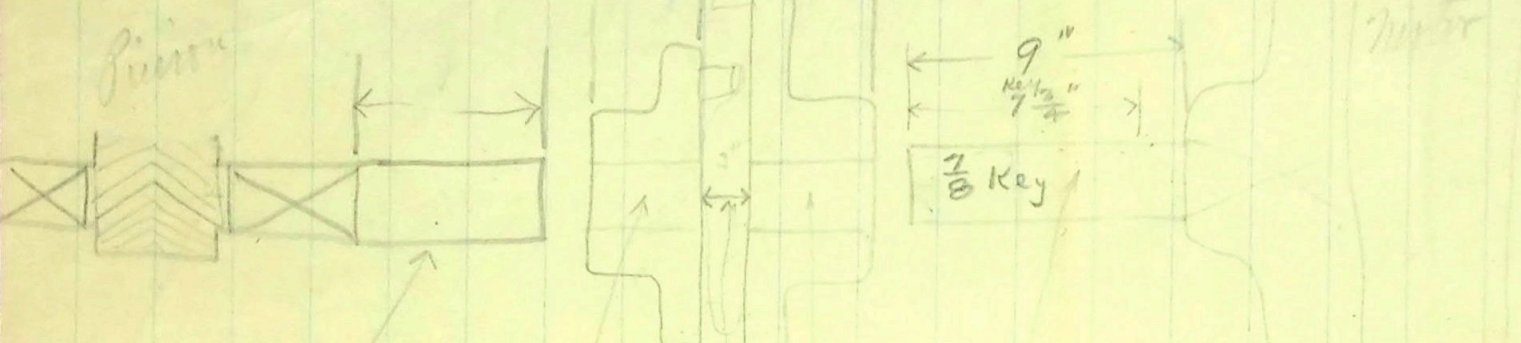
changed Dec 2, 1912  
Large coupling on motor  
m. 2,



using small half of coupling for driving member  
Richards says he can bush it if necessary to make  
a fit on motor shaft

6' mill	3 $\frac{1}{4}$ "	3 $\frac{1}{4}$ "
8' "	5"	4"

only copy & have of this work.



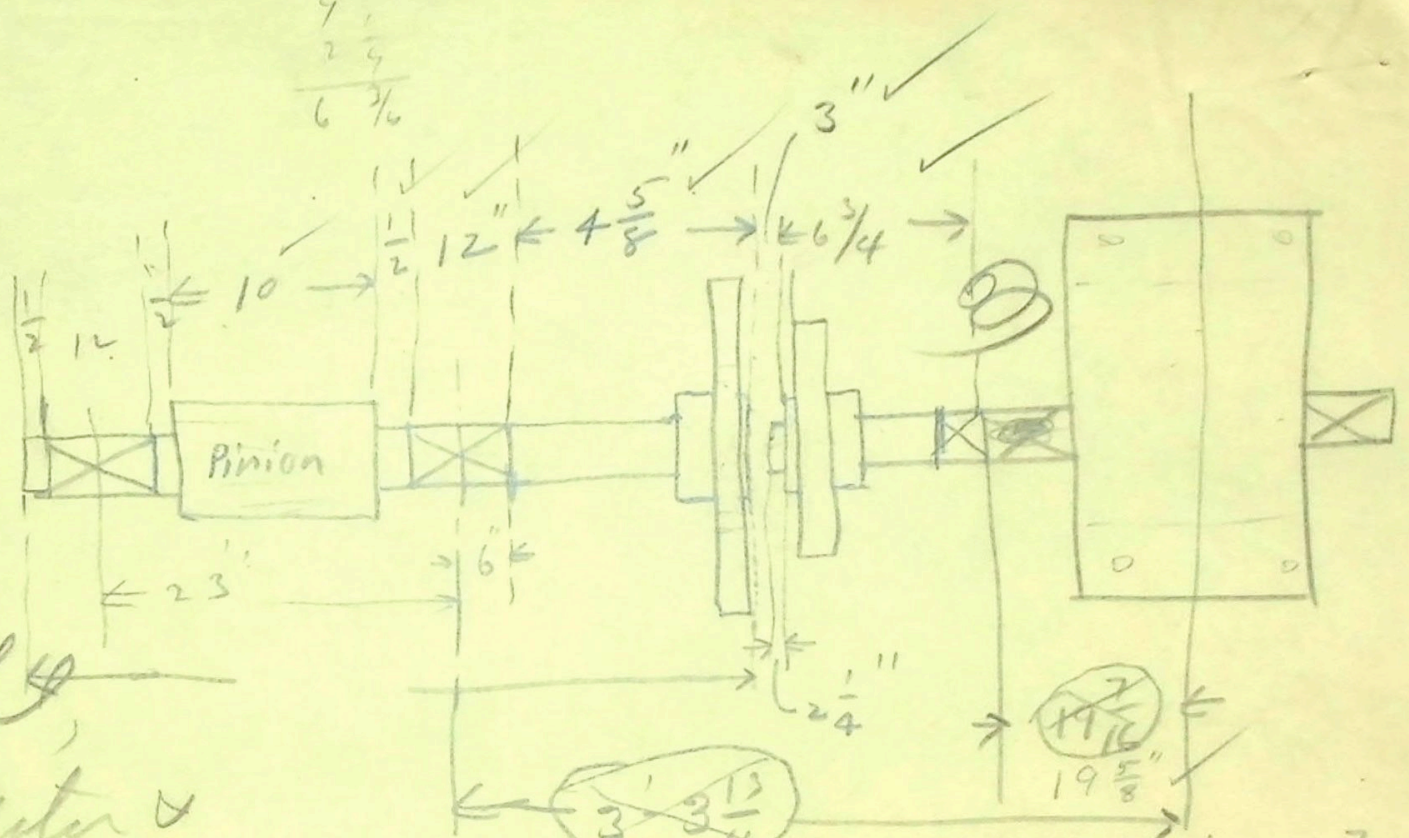
6' mill Rough 2  $\frac{7}{8}$ " } finished 2  $\frac{3}{4}$ " } 2 1/2" Rough 2  $\frac{3}{8}$ " } finished 3  $\frac{1}{2}$ " }  
 8' " 3  $\frac{5}{8}$ " " 3  $\frac{1}{2}$ " 3" " 3  $\frac{3}{8}$ " " 3  $\frac{1}{2}$ " } material is ordered these sizes  
 6' = 60" 6' = 98"  
 8' = 103" 8' = 151"

\$ complete  
 6' - 2250 (Ropes - 250 set @ = 17'-6" of  $\frac{1}{2}$ " rope)  
 8' - 3600 " 375 " @ = 20'-8" "  $\frac{5}{8}$ " "

10 - 25HP motors for 6' mills - 7 have 5 couplings size  $\frac{1}{4}$   
 30 - 50HP " " 8" " 4 " "  $\frac{1}{2}$

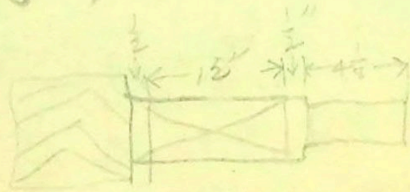
5 1/2  
 5 1/2  
 5 1/2

$$\begin{array}{r} 9 \\ 2\frac{3}{4} \\ \hline 6\frac{3}{4} \end{array}$$



8' Mill

Relation of Motor & Pinion etc.



Ok. Mason. OK. no. R. "1912"

9/51

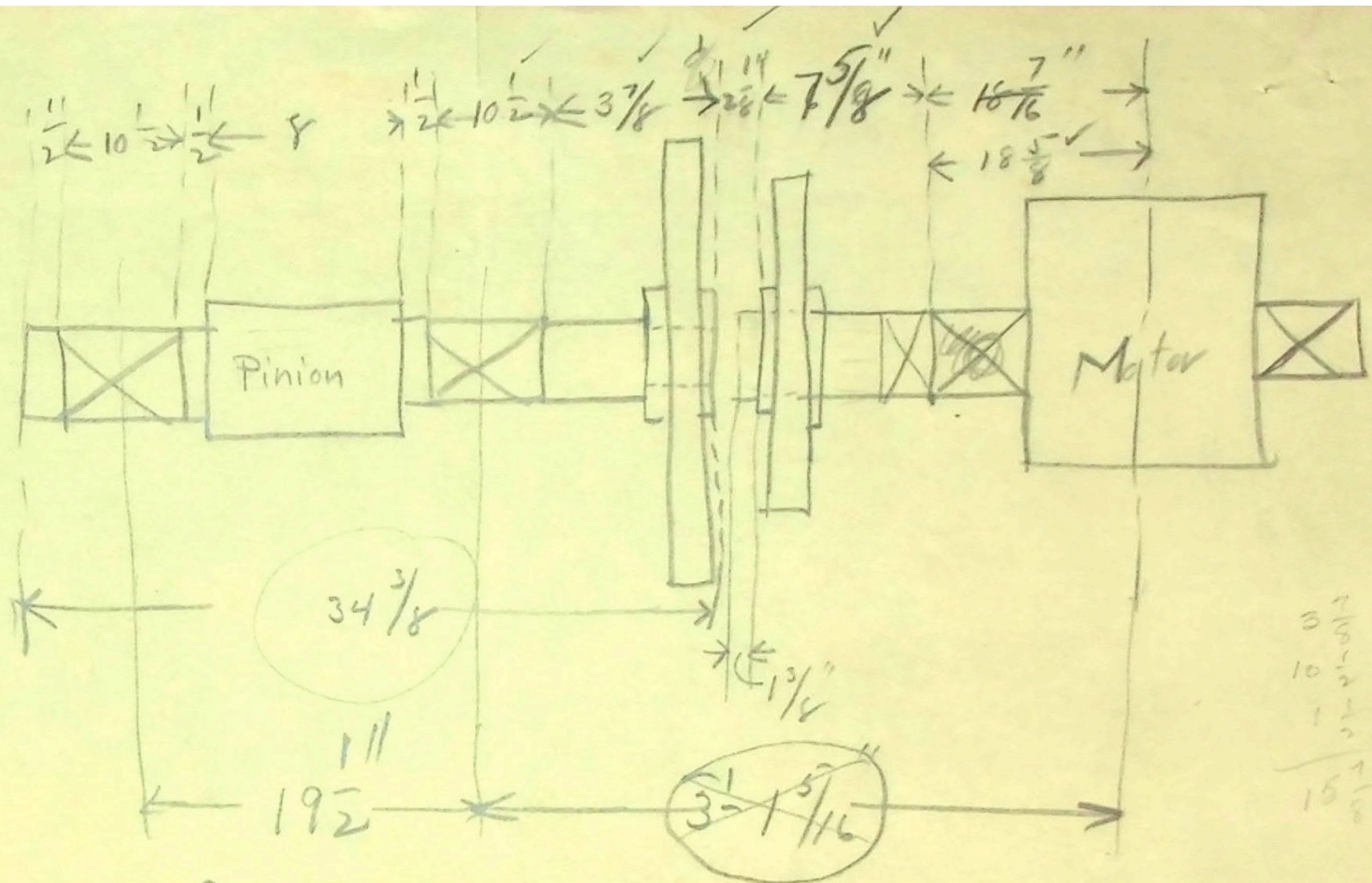
$$\begin{array}{r} 19\frac{7}{16} \\ 6\frac{12}{16} \\ 3\frac{10}{16} \\ 4\frac{10}{16} \\ 6 \\ \hline 39\frac{13}{16} \end{array}$$

$$\begin{array}{r} 1-7\frac{7}{16} \\ 9\frac{3}{4} \\ 4\frac{5}{8} \\ 6 \\ \hline 3-3\frac{13}{16} \end{array}$$

H. Mercer







6 ft. mill  
 Relation of Motor & Pinion

5 1/4  
 3  
 2  
 7  
 18  
 37 1/4  
 3 - 1 1/2

3 - 1 1/2 *at Mason*

1 - 6 7/16  
 7 10/16  
 6 4/16  
 5 1/16  
 3 - 0 5/16

2  
 16  
 5

*W. D. M...*