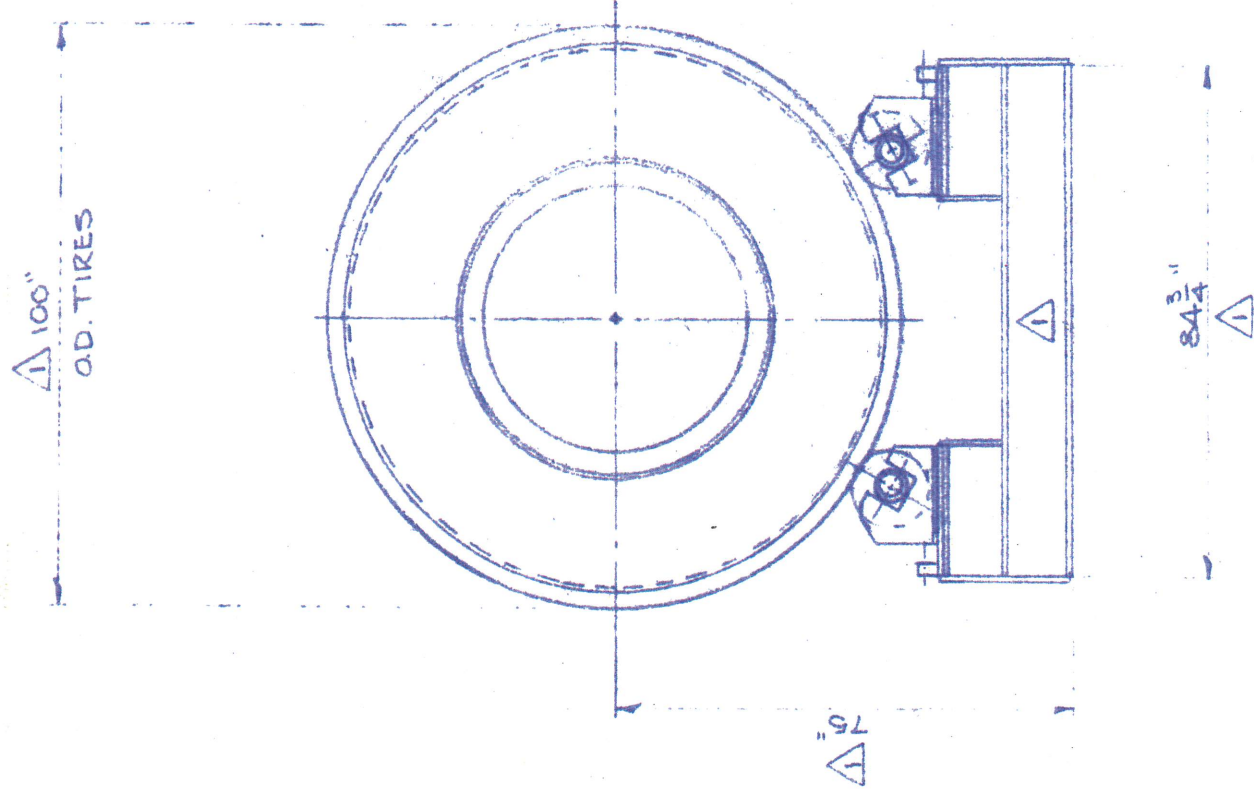
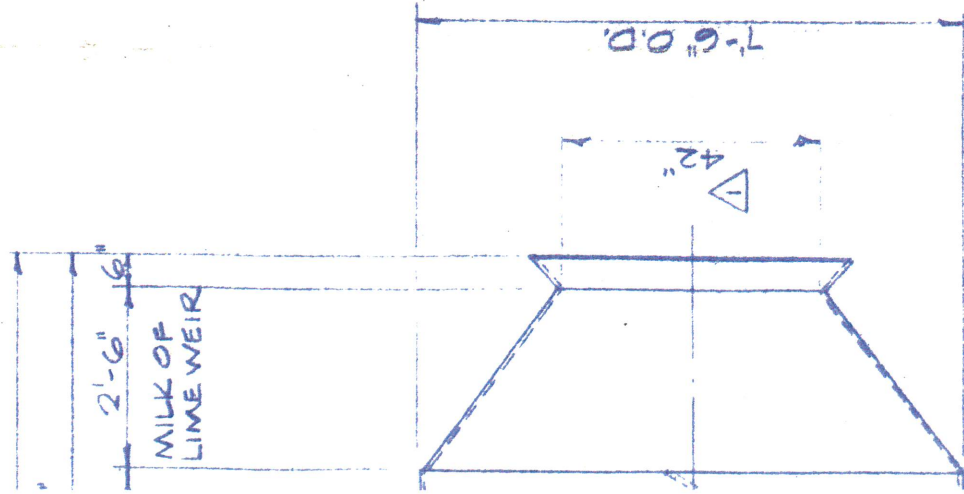


100 lbs
80 lbs

15
16

ONE
TWO

THRUST ROLLER BASE ASSEMBLY
THRUST ROLLER ASSEMBLIES



A	CHANGED TRUNNION CRADLE TO AS BUILT" ADDED DIMS. & ANCHOR BOLT	ALL 10/4/83
	REV	DATE
DESCRIPTION		BY
PROPOSED 38'-0" X 7'-6" DIA LIME SLAKER FOR HOLLY SUGAR CO. BRAUNLEY, CA.		DATE
SCALE: 3/8" = 1'-0"		DRAWN BY: SAL
DATE: 4/1/83		REVISED
LUCAS Engineering, Inc.		
4205 FOX STREET DENVER, COLORADO 80216 Tel: 303-458-7460.		
DRAWING NUMBER		72-953

PECIFICATIONS:

ILK OF LIME

PRODUCTION RATE:
RETENTION TIME:
OUTLET TEMPERATURE:

CONCURRENT

280 GPM
2.6 MIN.
180°F

COUNTERCURRENT

280 GPM
2.6 MIN.
212°F

SLCINED LIME

PRODUCTION RATE:
INLET SOLIDS/LIQUID RATIO:
RESIDENCE TIME

325 #/MIN
1:4
10 MIN.

325 #/MIN
1:4
10 MIN.

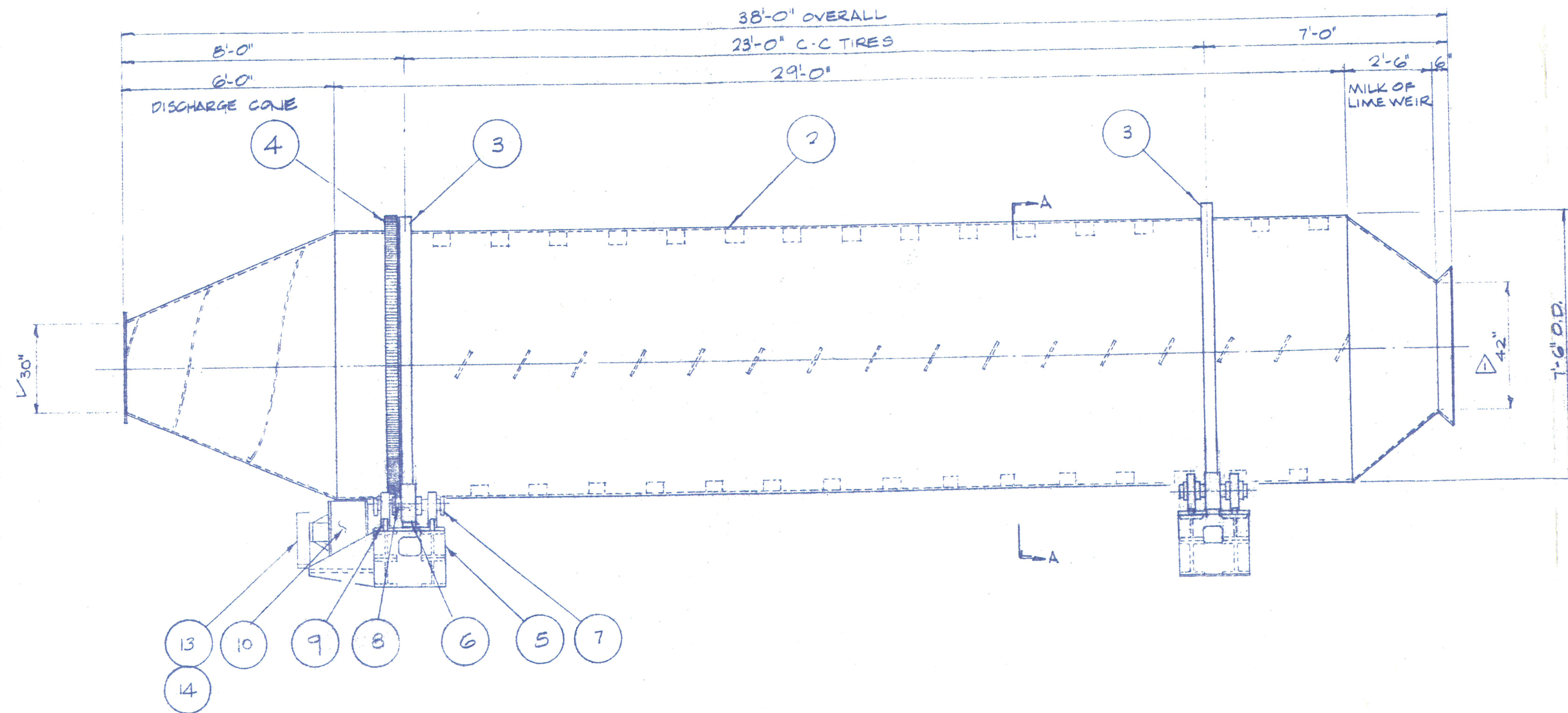
STIMATED WEIGHTS:

SHELL ASSEMBLY WITH TIRES AND GEAR
TRUNNION ASSEMBLY DRIVE END
TRUNNION ASSEMBLY BACK END
REDUCER
MOTOR
BELT GUARD
DRIVE ASSEMBLY

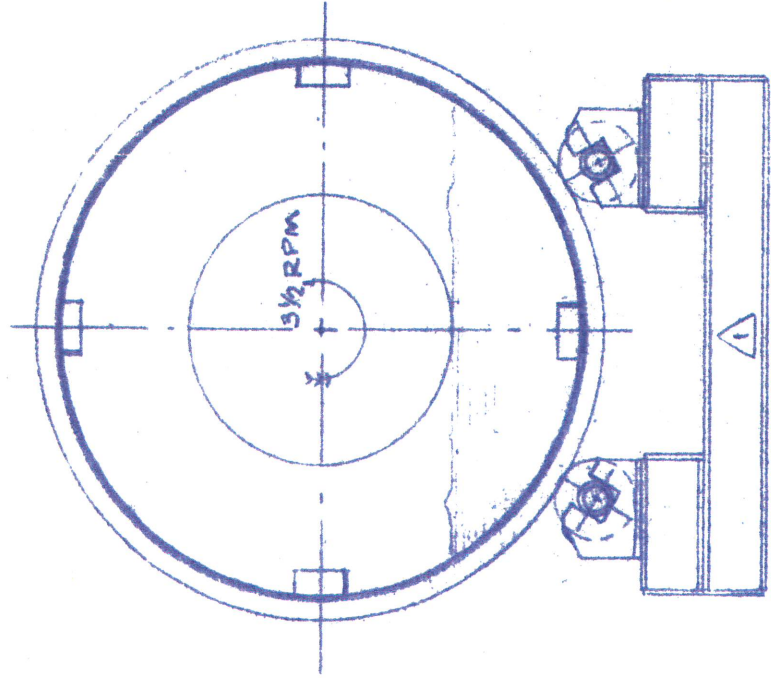
17,770 lbs
3140 lbs
2350 lbs
680 lbs
120 lbs
100 lbs
80 lbs

MATERIALS REQUIRED FOR ONE LIME SLAKER

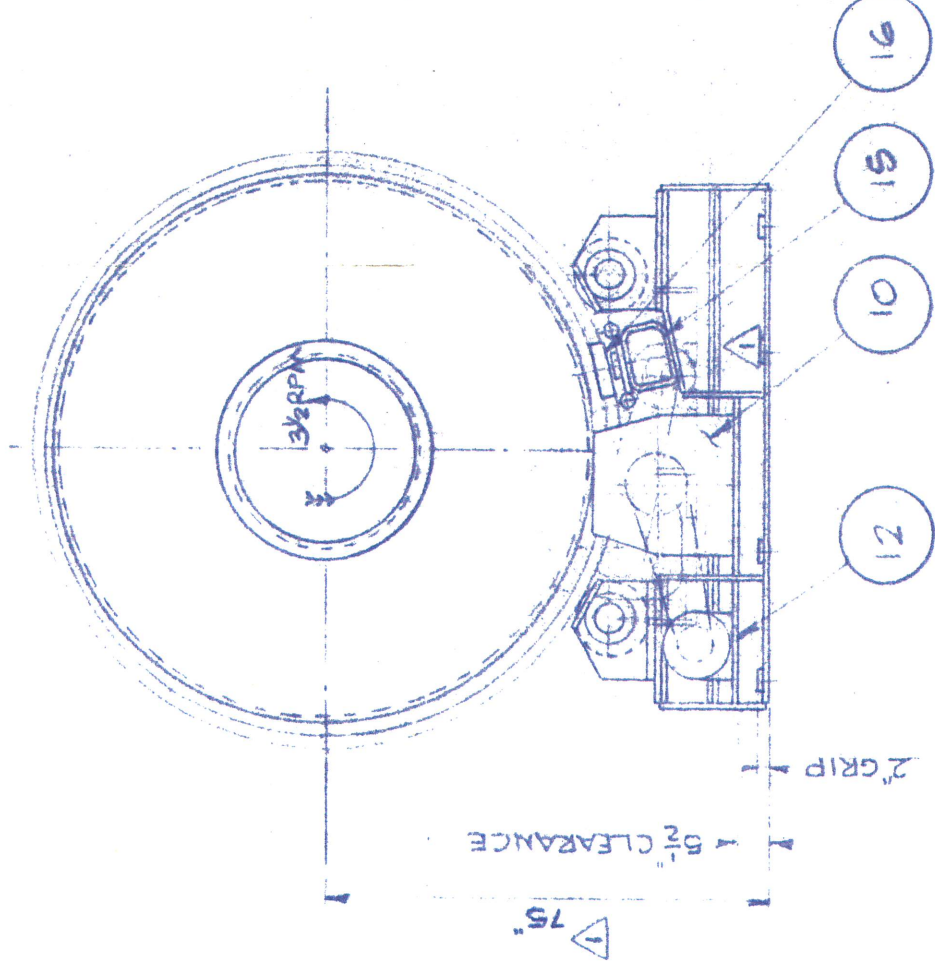
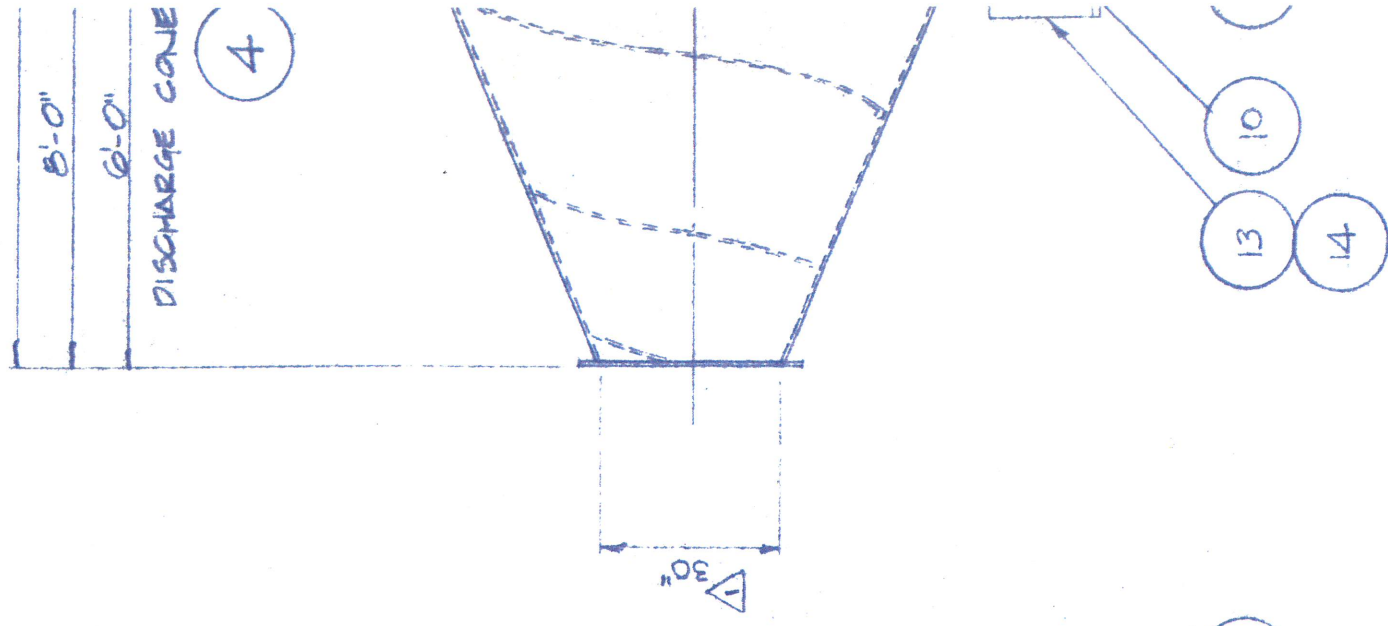
ITEM NUMBER	NUMBER REQUIRED	DESCRIPTION	MAT
1	ONE	LIME SLAKER ASSEMBLY	
2	ONE	SHELL ASSEMBLY 3/8" PLATE	A-36
3	TWO	TIRE ASSEMBLIES 100" O.D. X 9 1/4" I.D. X 5" FACE WIDTH	
4	ONE	GEAR SET: RING GEAR (AGMA CLASS G) 2 D.P. X 100 TEETH X 5" FACE, PINION (AGMA CLASS G) 2 D.P. X 19 TEETH X 5 1/2" FACE WIDTH.	
5	TWO	TRUNNION BASE ASSEMBLIES	A-36
6	FOUR	TRUNNION ROLLERS 13 1/2" O.D. CROWNED WITH 6" FACE WIDTH	
7	FOUR	TRUNNION BEARINGS - TIMKEN TYPE "AP" CLASS B (4 1/4" X 8")	
8	FOUR	TRUNNION SHAFTS 4 1/4" DIA.	
9	EIGHT	TRUNNION BLOCKS	
10	ONE	SPEED REDUCER DODGE TM 700 24:1 DOUBLE REDUCTION	
11	ONE	MOTOR - 15 HP. 1750 RPM 60 Φ 440 V. TEFC FRAME 254T	
12	ONE	DRIVE BASE ASSEMBLY	
13	ONE	DRIVE ASSEMBLY - DRIVE SHEAVE 5.6" O.D. X 1 5/8" BORE X 3 GROOVE, DRIVEN SHEAVE 10.6" O.D. X 2" BORE, MATCHED SET OF BELTS	
14	ONE	BELT GUARD	
15	ONE	THRUST ROLLER BASE ASSEMBLY	
16	TWO	THRUST ROLLER ASSEMBLIES	



1 PROPOSED LIME SLAKER ASSEMBLY
 3/8" = 1'-0"

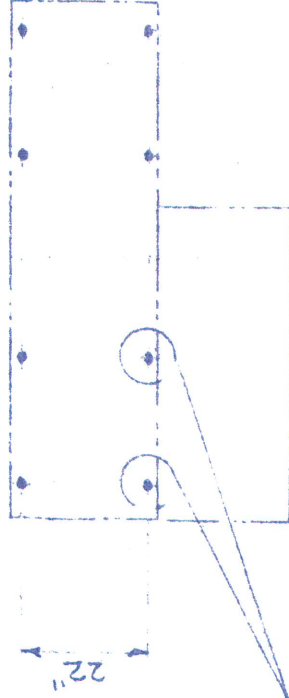


SECTION "A-A"



20 3/4" 16 5/8" 16 3/8" 20 3/4"

PLANT
NORTH



NOTE: THESE TWO ANCHOR BOLTS MAY HAVE TO BE SHORTENED TO CLEAR MOTOR/REDUCER SCOOP

△ ANCHOR BOLT PLAN-DRIVE END