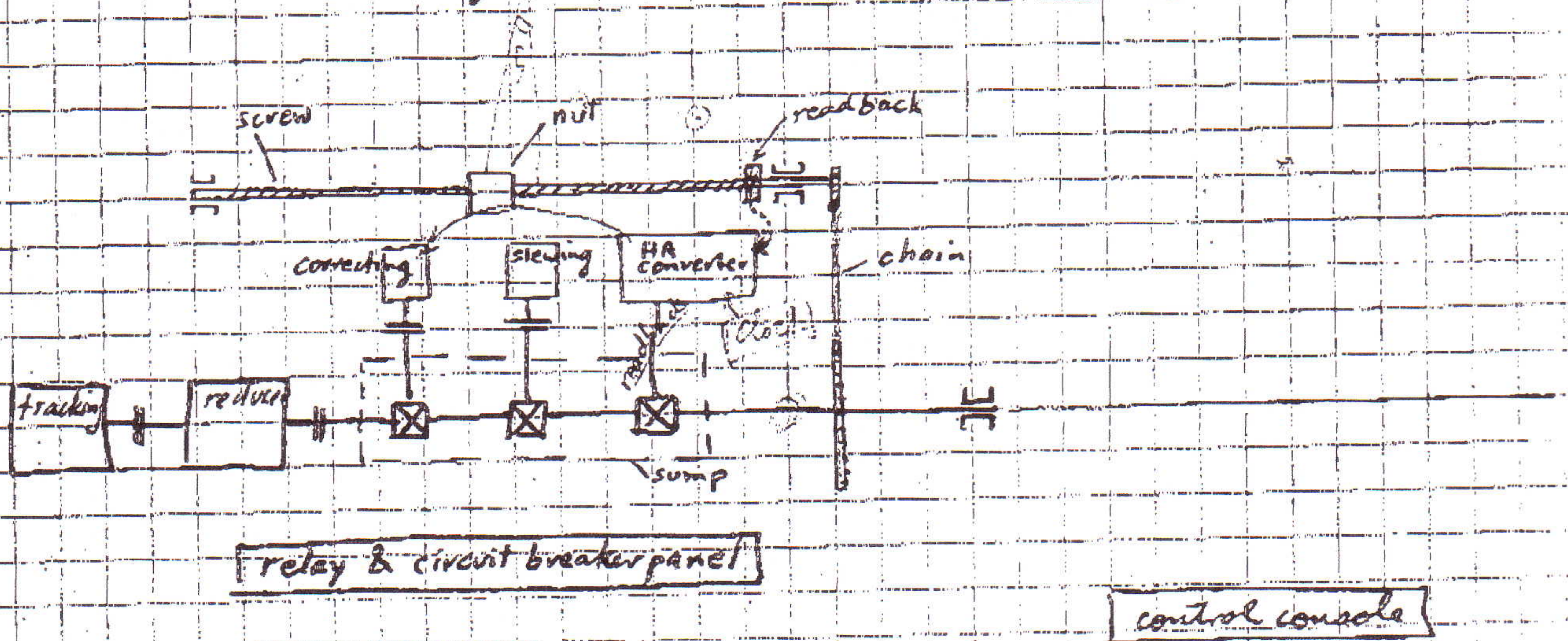


How Angle Drive

27 April 1965

ItemsTracking motor
reducerCorrecting motor
differentialSlewing motor
differential

HA converter, synchros, differentials, gears, function generator, counters

Relay and circuit breaker panel

Motor box housing
bedplate

Shafting, couplings, chain drive

Oil sump

Control console, counter, synchros, relays, switches, lights, limits

HA screw and bearings

HA slider, nut and nut guide

Limit switches, relays,

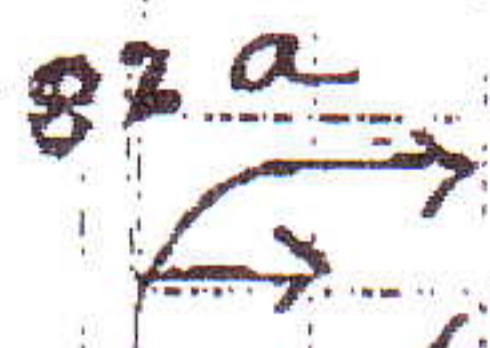
Shear pins

Safety pin

Readback (compensates for endplay?)

Mechanical Drive - Hour angle

Ryan



Slewing motor and differential	300	Alcoa
Tracking motor and gear reducer	300	Duan
Differential connecting motor and differential	100	
Gear reducer Hour angle converter, synchros, differentials, gears, function generator, counters, etc.	500	
Relay and circuit breaker panel	500	
Motor box housing, bedplate	150	Orde
Shafting, couplings, chain drive, bearings	300	
Oil sump	100	T
Control console, counters, synchros, relays, switches, lights, limit setting, etc.	500	diameter
Hour angle screw and bearings	400	out.
Hour angle slider nut and nut guide	400	the rig
Limit switches, relays	150	instead
Shear pins	20	or be p
Safety pin, solenoid	200	pairing
Backlash	50	Z
	<u>3520</u>	used
		Other m
		means

Declination drive

Motor, reducer	3000	
Gear gear machining or winch & cable run	300	
Brake, solenoid controls	200	
Limits, shear pin	150	
Control relay, limit brakes	100	
Instrument gear, counter, synchro, mounting	300	
Control panel, counter, switches, readout etc.	420	
	<u>5750</u>	total