

38'-3" SPAN

STOCK ROOM

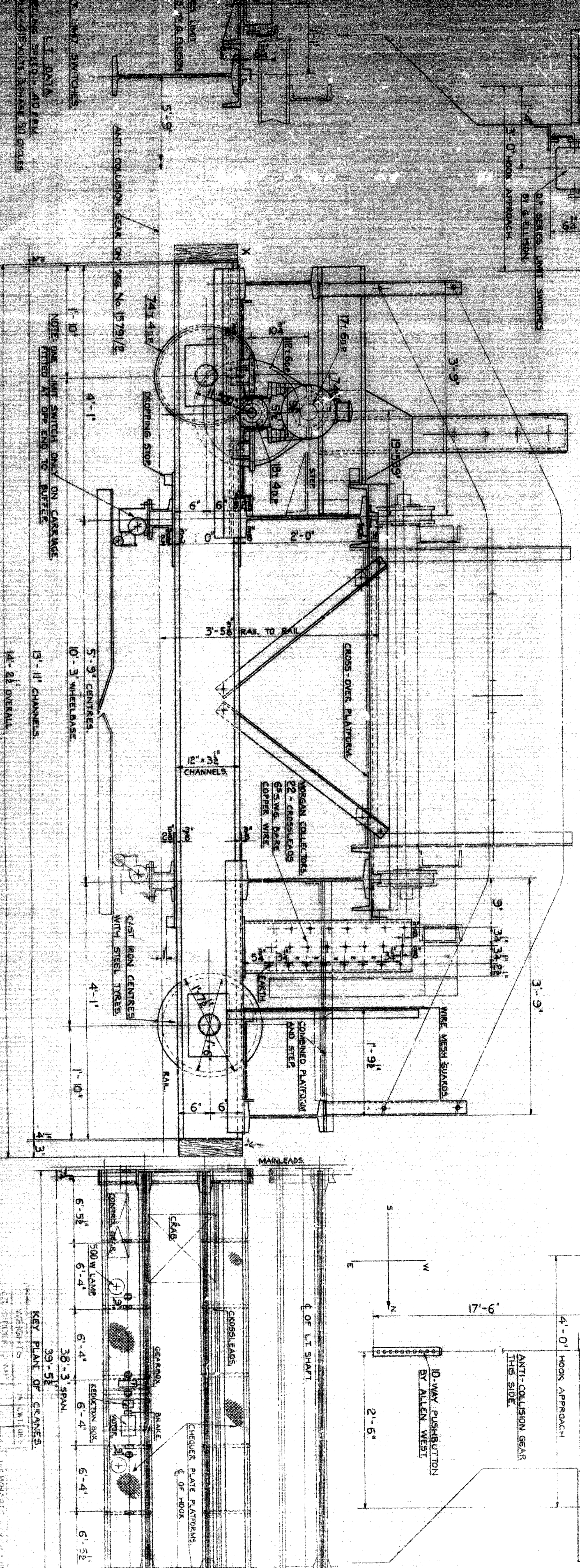
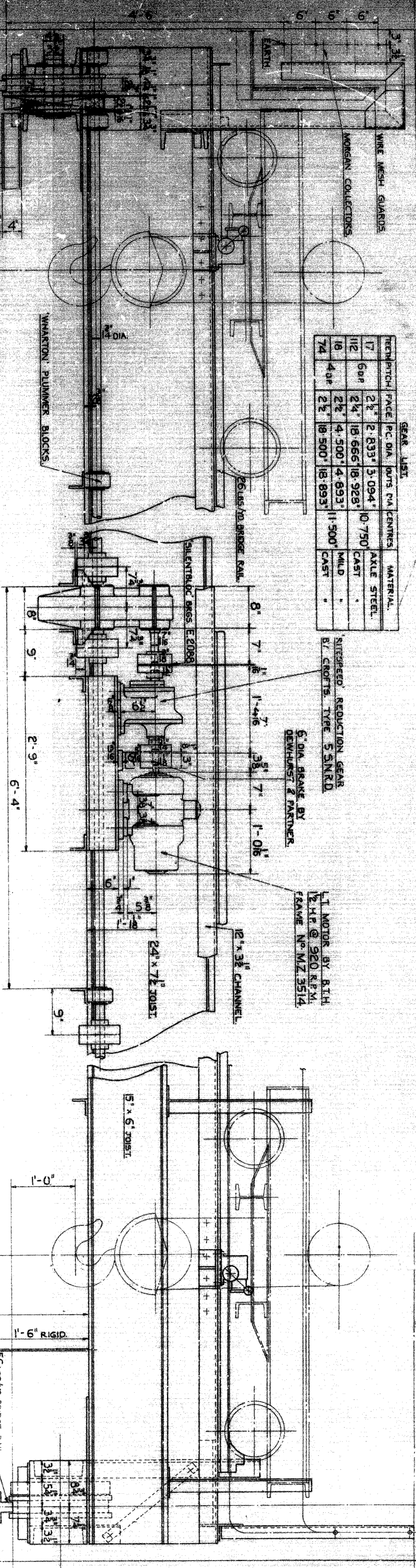
GEAR LIST

TEETH	PITCH	FACE	P.C. DIA.	OUTS. P.A.	CENTRES	MATERIAL
17	60p	2 1/4"	2.833"	3.094"	10.750"	AXLE STEEL
112	60p	2 1/4"	18.666"	18.928"		CAST
18	40p	2 1/4"	4.500"	4.893"		MILD
74	40p	2 1/4"	18.500"	18.893"	11.500"	CAST

SINTERED REDUCTION GEAR
BY GUYTON TYRE 5 S/N RD

5" DIA. BRAKE BY
DEWHURST & PARTNER

LT MOTOR BY BTH
1.1 HP @ 220 RPM
FRAME NO. MZ 3514



NOTE: ONE LIGHT SWITCH ONLY ON CARRIAGE
FITTED AT OP. END TO BUFFER

13'-11" CHANNELS
10'-3" WHEELBASE
5'-9" CENTRES
14'-2 1/2" OVERALL

ORDER No. 15791 2-SETS

LT GEAR FOR 8 TONS 4 MOTOR CRANE (CRANE HAS BUFFERS AT X; I-CRANE HAS BUFFERS AT Y.)

7 G.V. PROTON SYNCHROTRON
INJECTOR ROOM

KEY PLAN OF CRANES

CRANE	SPAN	W	E	N	S
1	39'-5"	6'-4"	6'-4"	6'-4"	6'-4"
2	39'-5"	6'-4"	6'-4"	6'-4"	6'-4"
TOTAL		6'-4"	6'-4"	6'-4"	6'-4"

DESIGNED BY: H. W. HARRIS
DRAWN BY: S. B. BROWN
CHECKED BY: S. B. BROWN
DATE: 15/7/64
DRAWING NUMBER: 15791/4
HAND: 21/7/64

CONTRACTOR: WHARTON CRANE & HOIST Co. Ltd.
CONTRACTOR: REDBUSH STOCKPORT
CONTRACTOR: UNITED KINGDOM ATOMIC ENERGY AUTHORITY
CONTRACTOR: A. E. R. HARWELL

CONTRACTORS: MERZ AND McLELLAN
CONTRACTORS: NEWCASTLE-UPON-TYNE

7 G.V. PROTON SYNCHROTRON PROJECT
LT GEAR FOR 8 TONS 4 MOTOR CRANE

CHECKED BY: H. W. HARRIS
APPROVED BY: S. B. BROWN
DRAWING NUMBER: 15791/4
SCALE: AS SHOWN
DATE: 21/7/64
CORNER

RECORD DRG