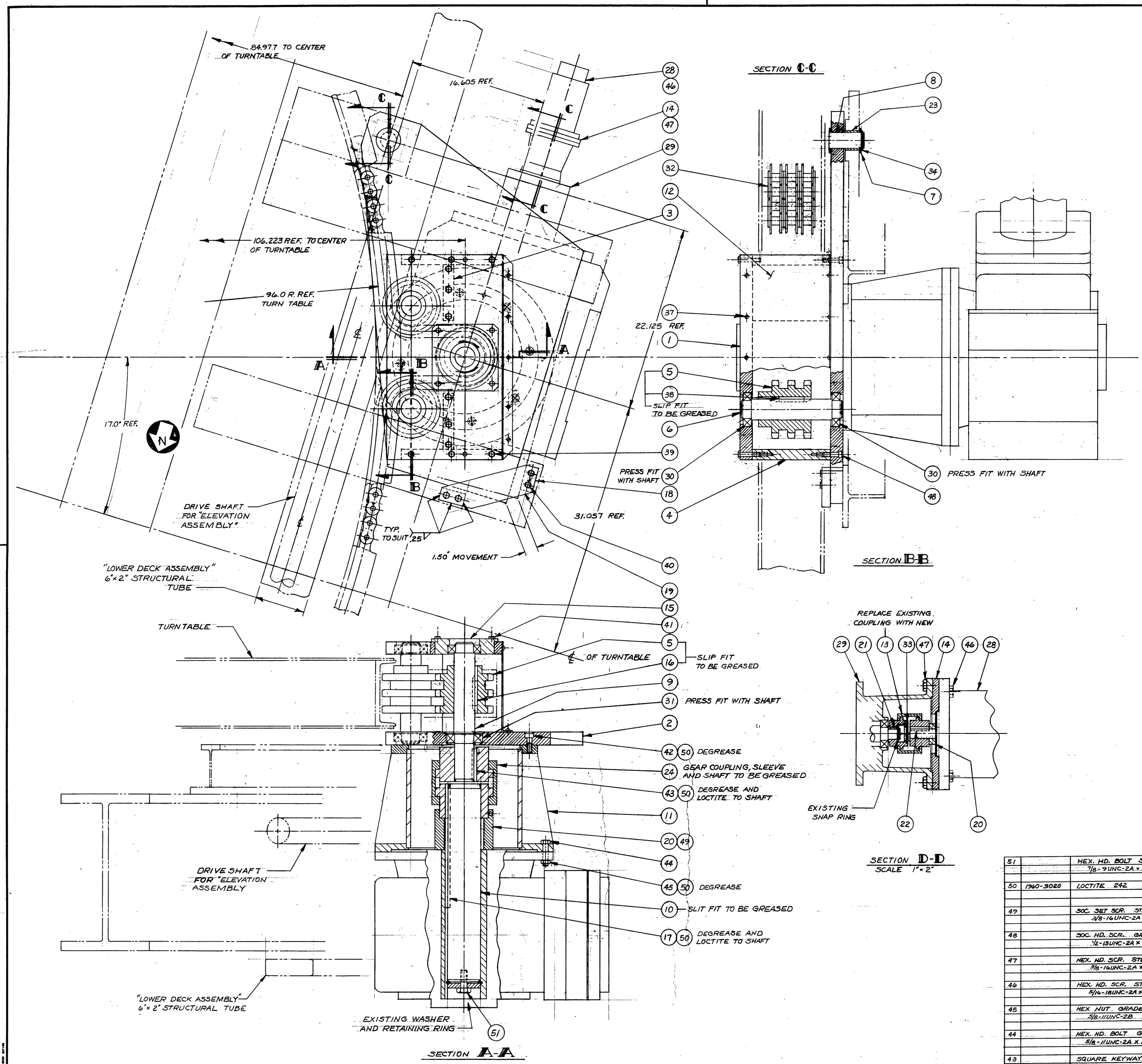
REV.	DESCRIPTION	DRAWN / APPD.	DATE / DATE



ITEM NO.	PART NO.	DESCRIPTION OR SIZE	QTY. REQ.
42		SOC. HD. SCR. GRADE 8 5/8-11UNC-2A x 2.00 LG.	6
41		HEX. HD. BOLT STEEL 1/2-13UNC-2A x 1.00 LG.	4
40		HEX. HD. BOLT GRADE 8 1/2-13UNC-2A x 1.75 LG.	4
39		HEX. HD. BOLT GRADE 8 1/2-13UNC-2A x 2.25 LG.	12
38		SQUARE KEYWAY STEEL .625 SQ. x 3.06" LG.	2
37		ROUND HD. SCR. STEEL 1/4-20UNC-2A x .38 LG.	10
36			
35			
34		SPIRAL RETAINING RING P/N WS-200 "SMALLY STEEL RING" WHEELING ILL 60090	1
33		HOLE PLUG P/N 33-50726 "TRW INC." ROSEMOUNT ILL 60016	1
32		ROLLER CHAIN STEEL ANSI 140-3 ANSI 140-3 10 FT. LENGTH NOTE: PIN DIA. MUST BE .5000 - .5005 DIA.	1
31		SHERE-ROL BEARING P/N SB-22212-SS AS BELOW	1
30		SPHERE-ROL BEARING P/N SB-22211-SS "Mc GILL MANUF. CO. INC. VALPARAISO, ND. 46383	5
29		HELICAL BEVEL GEAR REDUCER P/N KAF126R70 LP54 H6A 6880 "SEW EURODRIVE INC." DES PLAINES, ILL. 60016	1
28		SERVO MOTOR P/N SMR-2-400 "MTS SYSTEM CORP." EDEN PRAIRE,	1
27			
26			
25			
24	MC-272597	DRIVE SHAFT COUPLING	1
23	MB-272954	BUSHING PIVOT PIN	1
CD22K 22	MB-272887	REWORK SERVO MOTOR KEY	1
21	MB-272886	REWORK REDUCER SQ. KEY	1
20	MB-272908	REDUCER/COUPLING SPACER	1
19	MC-272907	HOLD DOWN BAR	1
18	MB-272906	HOLD DOWN SPACER	2
17	MB-272905	REDUCER KEY	7
16	MB-272904	BREAK AWAY KEY	1
15	MC-272901	BEARING ADAPTER PLATE	1
14	MC-272789	MOTOR REDUCER ADAPTER	1
13	MC-272788	MOTOR/REDUCER COUPLING	1
12	MD-272787	CHAIN DRIVE COVER	1
11	MD-272786	MTG PLT/ REDUCER ADAPTER	1
10	MC-272784	REDUCER DRIVE SHAFT	1
9	MC-272783	SPROCKET DRIVE SHAFT	1
8	MB-272782	PIVOT PIN	1
7	MB-272781	WASHER, PIVOT PIN	1
6	MC-272737	SPROCKET IDLER SHAFT	2
5	MC-272735	SPROCKET	
4	MD-272730	BEARING SIDE MTG. PLT.	2
3	MC-272729	BEARING INTERIOR MTG. PLT.	2
2	ME-272727	MOTOR MOUNTING PLATE	1
1	ME-272726	BEARING TOP PLATE	1
51		HEX. HD. BOLT STEEL 7/8-9UNC-2A x 1.50	1
50	1960-3020	LOCTITE 242	A/R
49		SOC. SET SCR. STEEL CUP PT. 3/8-16UNC-2A x .50 LG.	3
48		SOC. HD. SCR. GRADE 8 1/2-13UNC-2A x 2.00 LG.	12
47		HEX. HD. SCR. STEEL 3/8-16UNC-2A x .75 LG	4
46		HEX. HD. SCR. STEEL 5/16-18UNC-2A x .88 LG.	4
45		HEX NUT GRADE 8 5/8-11UNC-2B	8
44		HEX. HD. BOLT GRADE 8 5/8-11UNC-2A x 2.75	8
43		SQUARE KEYWAY STEEL .625 SQ. x 4.19 LG.	1

PARTS LIST

UNLESS OTHERWISE SPECIFIED			ORIGINATOR	E. L. BLACK	
FRACTIONS	DECIMALS	ANGLES	DRAWN	C. PITTS	4-28-89
± —	± —	± —	CHECKED	CLIFF PITTS	4-28-89
1. BREAK ALL SHARP EDGES 1/64 MAX.			APPROVED	J.F. LINDBERG	5-18-89
2. DO NOT SCALE DWG.			USED ON	9209.150-ME-272759	
3. DIMENSIONING IN ACCORD WITH ANSI Y14.5 STD's.			MATERIAL-	—	
√ MAX. ALL MACHINED SURFACES					

FERMI NATIONAL ACCELERATOR LABORATORY
UNITED STATES DEPARTMENT OF ENERGY

E-740 DØ TEST-ASSEMBLY CHAIN DRIVE ROTATION MOTION SYSTEM

RD./MECH. DEPT.

SCALE	FILMED	DRAWING NUMBER	REV.
1=4		9209.150-ME-272795	