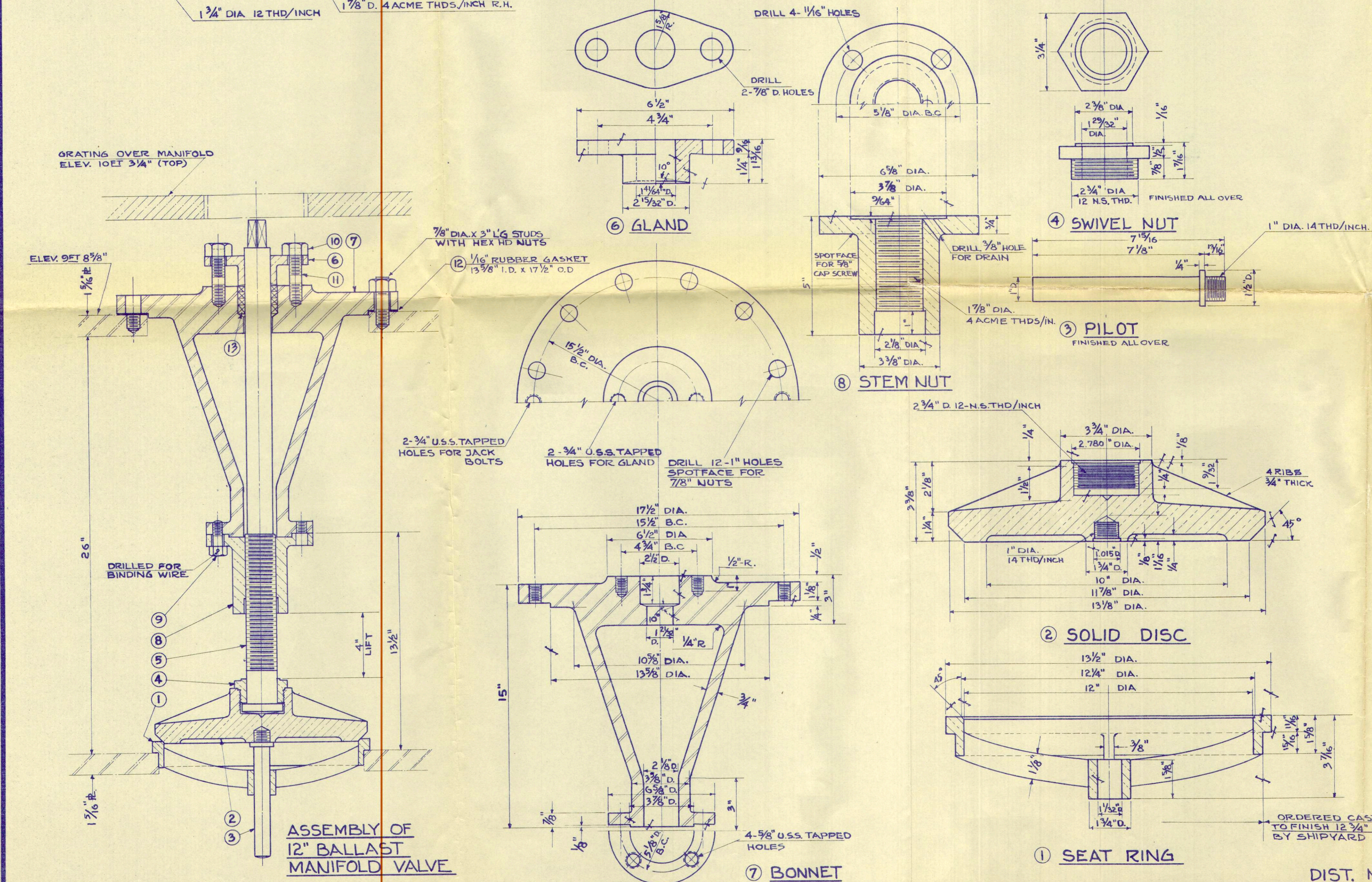
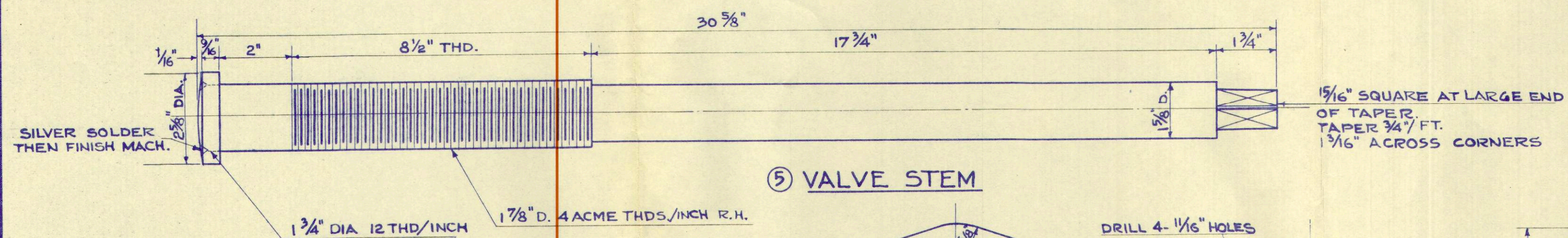


<u>BILL OF MATERIAL (ONE ASSEMBLY)</u>					
ITEM NO	QTY REQD	DESCRIPTION	MAT'L	PAT.	ORDER
1		SEAT RING	BRZ	SCOTT 351	BUY
2		SOLID DISC	BRZ	SCOTT 351	BUY
3		PILOT	BRZ	SCOTT 351	BUY
4		SWIVEL NUT	BRZ	SCOTT 351	BUY
5		VALVE STEM	TOBIN BRZ.		MAKE
6		GLAND	SAE64 BRZ	16722	MAKE
7		BONNET	C.I.	16721	MAKE
8		STEM NUT	SAE64 BRZ	16723	MAKE
9		CAP SCREW 5/8"x 1 1/2"	ST'L		STOCK
10		HEX NUT 3/4" DIA. U.S.S.	ST'L		STOCK
11		STUDS 3/4" D x 3 1/2" L G U.S.S.	ST'L		STOCK
12		GASKET 1/16" THICK	RUBBER		STOCK
13		7/16" SQ PACKING			STOCK

John T. Arbiter 4-18-57

36	COLUMBIA TRANS. CO	301		
NO.	N A M E	HULL	ENG.	S. Y. O.

CONSTRUCTION LIST

DETAILS OF 12" BALLAST MANIFOLD

Great Lakes Engineering Works

DETROIT, MICH.

DRAWN HIDER APPROVED _____

TRACED JS ENGINEERING DEPT. APPROVED _____

CHECKED LSK SCALE 3" = 3/8" SIZE = 1 FOOT DATE MARCH 15 '57

DIST. No 402

DRG № 78-13

APR 10 1957