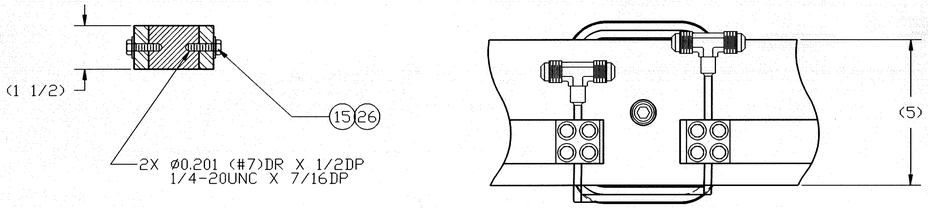
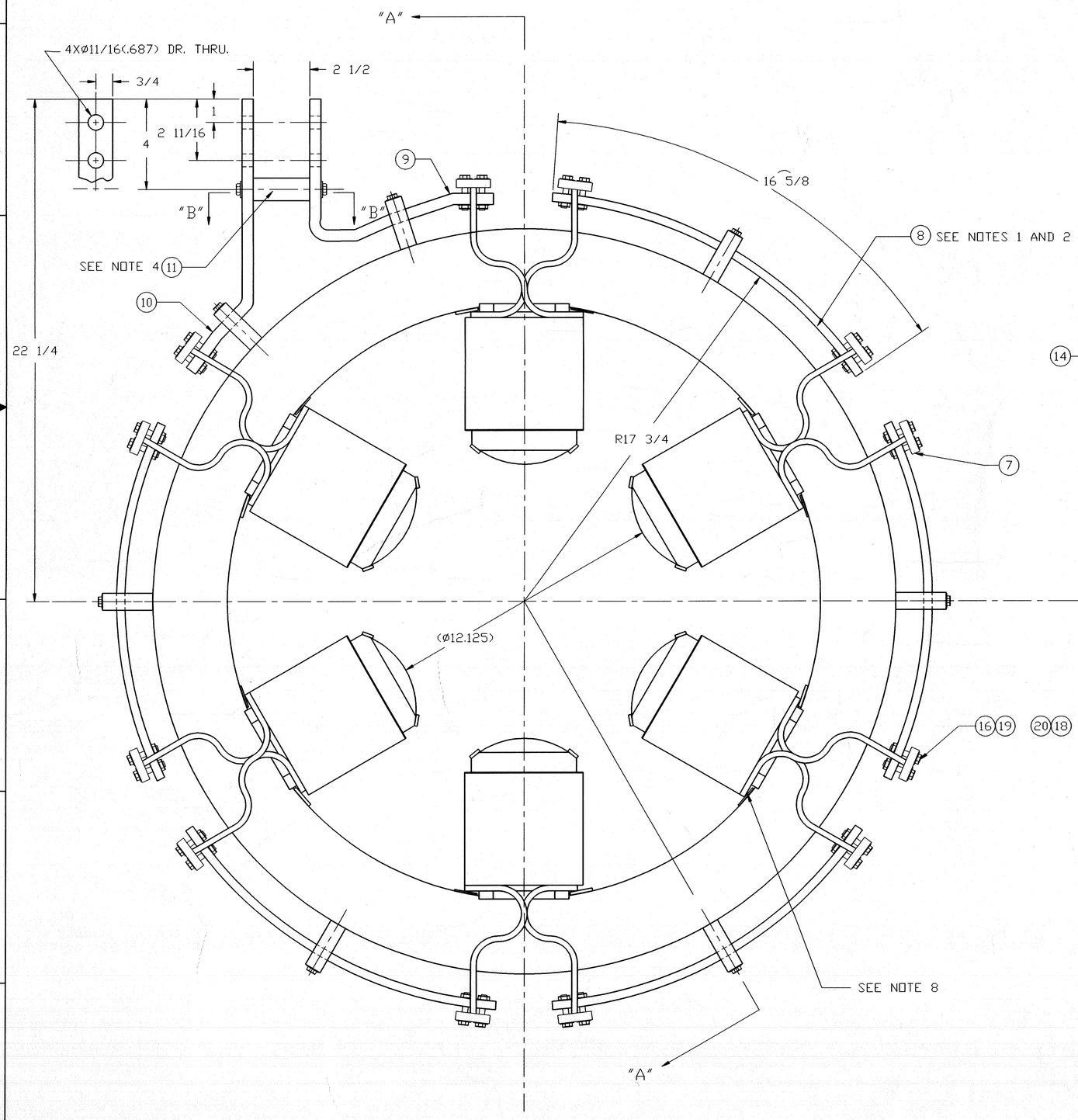
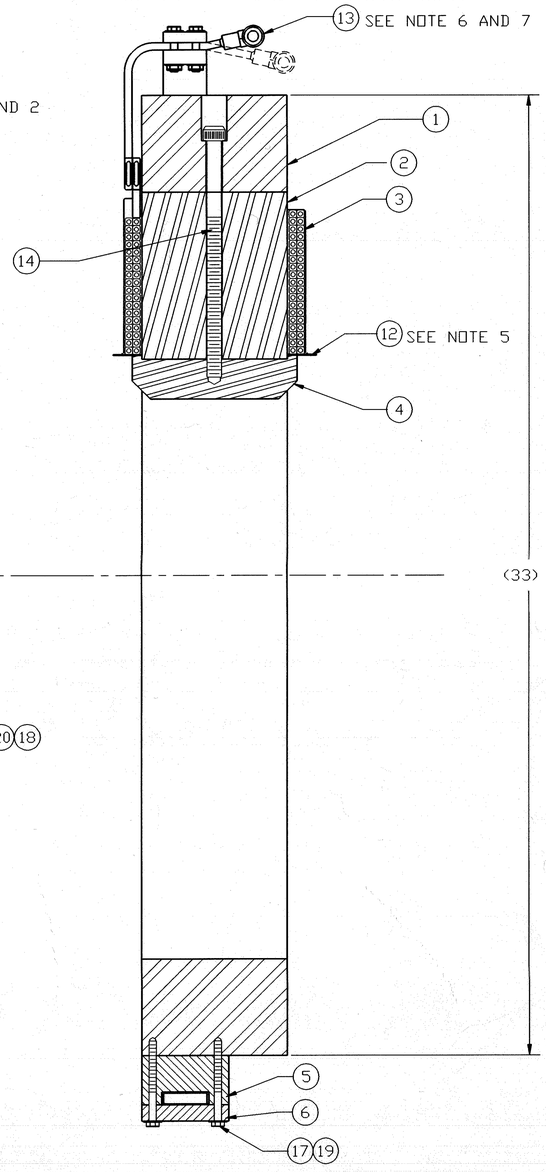
ITEM NO.	QTY.	DESCRIPTION	MAT'L. DWG. NO. OR BNL NO.
1	1	MAGNET STEEL (SEE NOTE-9)	D14-M-1374-4
2	6	COIL CORE	D14-M-1375-1
3	6	COIL	D12-M-5695-4
4	6	POLE TIP	D14-M-1376-2
5	7	PHENOLIC STAND OFF	D12-M-5696-2
6	7	PHENOLIC STAND OFF CAP	D12-M-5697-1
7	12	CLAMP PLATE	D12-M-5698-1
8	5	BUSS BAR 3/8 X 1 1/2	(ETP) CU.
9	1	BUSS BAR #2 3/8 X 1 1/2	(ETP) CU.
10	1	BUSS BAR #3 3/8 X 1 1/2	(ETP) CU.
11	1	SPACER 1" GRADE LE PHEN.	BNL# G-05630
12	6	SHIELD 1/16" GRADE LE PHEN.	BNL# G-05550
13	12	MODIFIED REDUCING UNION TEE	BRASS
14	6	SOC.HD. 1/2-13UNC X 8LG. GRADE 8	STEEL
15	2	HEX.HD. 1/4-20UNC X1LG. SST	BNL# T-12640
16	48	HEX.HD. 1/4-20UNC X1.5LG. SST	BNL# T-12640
17	14	HEX.HD. 1/4-20UNC X3LG. SST.	BNL# T-12660
18	62	NUT,HEX. 1/4-20UNC SST.	BNL# T-81828
19	62	WASHER, FLAT, 1/4 NOM. SST.	BNL# T-84124
20	50	WASHER, LOCK 1/4 NOM. SST.	BNL# T-86728



SECTION B-B



SECTION A-A



NOTES:

1. BUSS BAR TO BE FIELD FABRICATED.
2. ANY EXPOSED BUSS BAR THAT IS NOT AN ELECTRICAL CONTACT ARE TO BE COVERED BY SHRINK TUBING.
3. CLAMP PLATES TO BE FIELD FABRICATED
4. SPACER TO BE FIELD FABRICATED
5. SHIELDS TO BE FIELD FABRICATED
6. "IMPERIAL EASTMAN" REDUCING UNION TEE, 45 DEG. FLARE, 1/2"X1/2"X3/8" OD TUBE, BRASS (PN 659F-08X08X06) FIELD MODIFIED AND BRAZED ON COIL END
7. TEES ARE OFFSET IN ORDER TO AVOID INTERFERENCE WITH WATER HOSES
8. PHEN. GRADE LE SHIMS (1"WD X5"LG) TO BE CUSTOM FITTED AND GLUED INTO PLACE
9. SEE MODIFIED MAGNET STEEL DWG.№D12-M-5809-5 FOR JOB# D13-2M-95 (LESB III)

QA CATEGORY A-3

JOB NUMBER	USED ON DWG. NO.	NO. PER ASS'Y
D13-2M-95	~~D13-M-6450-5~~	1
D12-1M-82	D12-M-5776-5	
D12-1M-80	D12-M-5596-5	1
D12-1M-80	D12-M-5595-5	1

NO. REQ.	ACCT. NO.	I.L.R. NO.	ORDER NO.	DEPT.

DEC. ± — ANG. ± — MAX. — MIN. —
TOLERANCE BREAK SHARP EDGES
0-20° ± 1/32 20°-60° ± 1/16 OVER 60° ± FRACTIONAL TOLERANCE
FINISH √

DATE	MATERIAL	SCALE	WEIGHT
9/26/90	SEE P/L	HALF	760#

DRAWN BY	CHECKED BY	ENG. APP.	SUPVR. APP.
J.DELALIO	J.ADDINO		

BROOKHAVEN NATIONAL LABORATORY
ASSOCIATED UNIVERSITIES, INC.
UPTON, N.Y. 11973

AGS EXPERIMENTAL MAGNET
SEXTUPOLE MAGNET
ASSEMBLY

DRAWING NUMBER D12-M-5680-5 REV. A

D12-M-5680-5

CODE #09

REV.	ZONE	DESCRIPTION	BY	DATE	CKR	APP

*AUTOCAD