



- NOTES:
- FISSION CHAMBER AND ITS RELATED PARTS ARE PROVIDED BY EXPERIMENT E02-017 (DIRECT MEASUREMENT OF LIFETIME OF HEAVY HYPERNUCLEI).
 - REMOVE FOUR BOLTS ON FISSION CHAMBER BOTTOM FLANGE IN THE LOCATIONS INDICATED & REPLACE FOUR BOLTS WITH ITEMS: 21, 9, 8.

QTY	ITEM NO.	DESCRIPTION	MATERIAL
4	21	THREADED ROD .375-16 UNC X 7.00 LG	STAINLESS STEEL
4	20	.375 WASHER Ø1.00	STAINLESS STEEL
2	19	THREADED ROD .50-13 UNC X 3.00 LG	STAINLESS STEEL
2	18	.50 FLAT WASHER	STAINLESS STEEL
2	17	.50-13 UNC HEX NUT	SILICON BRONZE
1	16	CLAMP L BRACKET	STAINLESS STEEL
8	15	.25-20 UNC X 1.0 LG SHCS	STAINLESS STEEL
4	14	PUSHER BLOCK	STAINLESS STEEL
4	13	SWIVEL SCREW CLAMP .375-16 UNC CL-31-SSCS-S	STAINLESS STEEL
2	12	.375-16 UNC X 1.50 LG SHCS	STAINLESS STEEL
1	11	.375-16 UNC X 1.0 LG SHCS	STAINLESS STEEL
6	10	SUPPORT FOR BEAM DUMPS-DETAILS	STAINLESS STEEL
29	9	.375 FLAT WASHER	SILICON BRONZE
30	8	.375-16 UNC HEX NUT	SILICON BRONZE
6	7	THREADED ROD .375-16 UNC X 10.5 LG	SILICON BRONZE
1	6	17KW BEAM DUMP-ASSY	
2	5	MUELLER A-11211 3/4 NTP CAST COPPER UNION	
1	4	EXP2446084-0014 FISSION CHAMBER SPACER	
1	3	FISSION CHAMBER	
1	2	BEAM DUMP SLIDER PLATE	
1	1	PHOTON DUMP TABLE ASSEMBLY	

DOCUMENT CONTROL STAMP

DCG

FINISH TO UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
FRACTIONS 2/32 3/32 1/8 3/16 1/4 3/8 1/2 5/8 3/4 7/8 1 1 1/4 1 1/2 1 3/4 2 2 1/4 2 1/2 3 3 1/4 3 1/2 4 4 1/4 4 1/2 5 5 1/4 5 1/2 6 6 1/4 6 1/2 7 7 1/4 7 1/2 8 8 1/4 8 1/2 9 9 1/4 9 1/2 10 10 1/4 10 1/2 11 11 1/4 11 1/2 12 12 1/4 12 1/2 13 13 1/4 13 1/2 14 14 1/4 14 1/2 15 15 1/4 15 1/2 16 16 1/4 16 1/2 17 17 1/4 17 1/2 18 18 1/4 18 1/2 19 19 1/4 19 1/2 20 20 1/4 20 1/2 21 21 1/4 21 1/2

DO NOT SCALE DRAWING

DATE: 01/15/08
DRAWN: G. RYAN / 6 HNS (GAW/8)
APPROVED: [Signature]
HKS AND HES SPECTROMETERS
FISSION CHAMBER/PHOTON DUMP ASSY
EXP-244-6084-0012
SCALE: 1:1