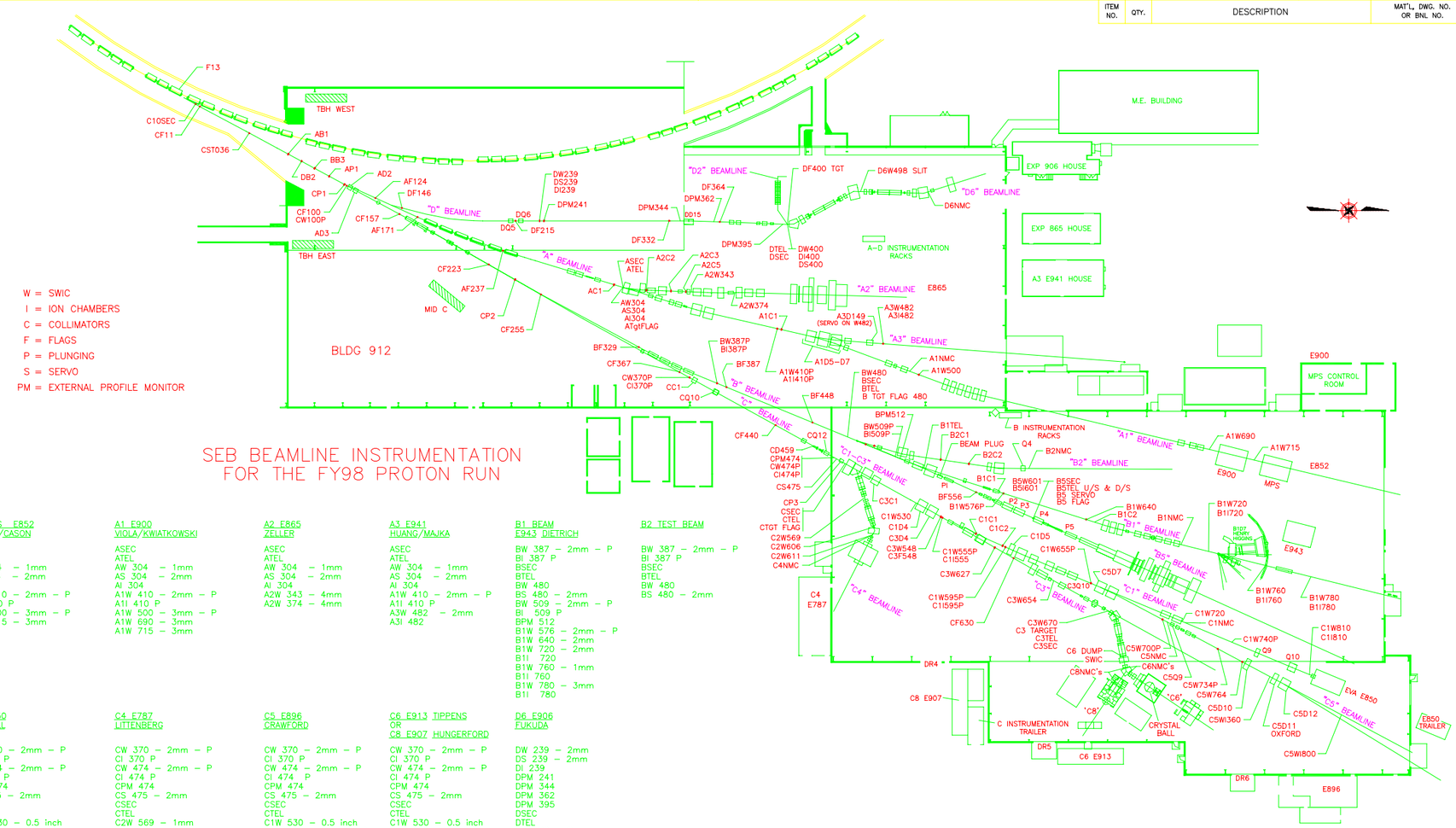
ITEM NO.	QTY.	DESCRIPTION	MAT'L, DWG. NO. OR BNL NO.



W = SWIC
I = ION CHAMBERS
C = COLLIMATORS
F = FLAGS
P = PLUNGING
S = SERVO
PM = EXTERNAL PROFILE MONITOR

SEB BEAMLINE INSTRUMENTATION FOR THE FY98 PROTON RUN

A1 MPS E852
CHUNG/CASON

ASEC
ATEL
AW 304 – 1mm
AS 304 – 2mm
AI 304
A1W 410 – 2mm – P
A1I 410 P
A1W 500 – 3mm – P
A1W 715 – 3mm

A1 E900
VIOLA/KWIATKOWSKI

ASEC
ATEL
AW 304 – 1mm
AS 304 – 2mm
AI 304
A1W 410 – 2mm – P
A1I 410 P
A1W 500 – 3mm – P
A1W 690 – 3mm
A1W 715 – 3mm

A2 E865
ZELLER

ASEC
ATEL
AW 304 – 1mm
AS 304 – 2mm
AI 304
A2W 343 – 4mm
A2W 374 – 4mm

A3 E941
HUANG/MAJKA

ASEC
ATEL
AW 304 – 1mm
AS 304 – 2mm
AI 304
A1W 410 – 2mm – P
A1I 410 P
A3W 482 – 2mm
A3I 482

B1 BEAM
E943 DIETRICH

BW 387 – 2mm – P
BI 387 P
BSEC
BTEL
BW 480
BS 480 – 2mm
BW 509 – 2mm – P
BI 509 P
BPM 512
B1W 576 – 2mm – P
B1W 640 – 2mm
B1W 720 – 2mm
B1I 720
B1W 760 – 1mm
B1I 760
B1W 780 – 3mm
B1I 780

B2 TEST BEAM

BW 387 – 2mm – P
BI 387 P
BSEC
BTEL
BW 480
BS 480 – 2mm

C1 E850
CARROLL

CW 370 – 2mm – P
CI 370 P
CW 474 – 2mm – P
CI 474 P
CPM 474
CS 475 – 2mm
CSEC
CTEL
C1W 530 – 0.5 inch
C1W 555 – 2mm – P
C1I 555 P
C1W 595 – 2mm – P
C1I 595 P
C1W 655 – 3mm – P
C1W 720 – 3mm
C1W 740 – 2mm – P
C1W 810 – 3mm
C1I 810

C4 E787
LITTENBERG

CW 370 – 2mm – P
CI 370 P
CW 474 – 2mm – P
CI 474 P
CPM 474
CS 475 – 2mm
CSEC
CTEL
C2W 569 – 1mm
C2W 606 – 1mm
C2W 611 – 3mm

C5 E896
CRAWFORD

CW 370 – 2mm – P
CI 370 P
CW 474 – 2mm – P
CI 474 P
CPM 474
CS 475 – 2mm
CSEC
CTEL
C1W 530 – 0.5 inch
C1W 555 – 2mm – P
C1I 555 P
C1W 595 – 2mm – P
C1W 655 – 3mm – P
C5W 700 – 3mm – P
C5W 734 – 2mm – P
C5W 764 – 2mm
C5W 1360 – 2mm
C5W 1800 – 3mm

C6 E913 TIPPENS
OR
C8 E907 HUNGERFORD

CW 370 – 2mm – P
CI 370 P
CW 474 – 2mm – P
CI 474 P
CPM 474
CS 475 – 2mm
CSEC
CTEL
C1W 530 – 0.5 inch
C3W 548 – 0.5 inch
C3W 627 – 0.5 inch
C3W 654 – 0.5 inch
C3W 670 – 2mm – TGT
C6DUMP SWIC

D6 E906
FUKUDA

DW 239 – 2mm
DS 239 – 2mm
DI 239
DPM 241
DPM 344
DPM 362
DSEC
DTEL
DW 400 – 2mm
DI 400
DS 400 – 2mm
D6W 498 SLIT

NOTES:

THIS IS A NEW DRAWING NUMBER TO SEPARATE HEP FROM HIP RUN INSTRUMENTATION INFORMATION. THE DRAWING NUMBER FOR THE 1997 HEP RUN IS D13–M–7090–4 REV 'B'. DRAWING D13–M–7090–4 REV 'C' AND UP WILL BE FOR HIP RUNS.

EXPERIMENTERS:

PLEASE DO NOT ADJUST SWIC HI VOLTAGE. ASK MCR TO CONTACT INSTRUMENTATION OR TARGET DESK. REQUEST NEW INSTRUMENTS BY CONTACTING LIASON ENGINEER OR PHYSICIST.

REV.	ZONE	ECN NO.	DATE	BY	CKR	ENG. APP.	SUPV. APP.

AGS

INTERPRET DRAWING AS PER ANSI Y14.5M 1982
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
DECIMAL TOLERANCES .X ±.030 .XX ±.015 .XXX ±.005
ANGULAR TOLERANCE ± .5°
125 BREAK SHARP EDGES
FINISH MAX. .03 MIN. .01
OUTSTANDING ECN

Q.A. CATEGORY A-3

		DATE
DRAWN BY	KMBROWN	5-21-98
CHECKED BY		
SAFETY APPROVAL		
VACUUM APPROVAL		
DESIGN SUPV APPROVAL		
ENGINEER APPROVAL		
SUPVR. APPROVAL		

JOB NUMBER	USED ON DWG. NO.	NO. PER ASS'Y
D13-6M-72		1

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

FY98 – HEP
EXPERIMENTAL BEAM LINES
INSTRUMENTATION

DRAWING NUMBER D13–M–7133–4 REV. A

MATERIAL: ——— SCALE: NONE WEIGHT: – SHEET 1 OF 1

D13–M–7133–4

*AUTOCAD