REV.	DESCRIPTION	DRAWN	DATE
		APPD.	DATE

MW-Z = -47.000'
X = -8.190"
EL. = 746.1041'

ME-Z = -47.000'
X = +8.190"
EL. = 745.7935'

Z = -46.479'
X = 0
EL. = 745.9496'

MAGNET
Z = -45.500'
X = 0
EL. = 745.9519'

18" REF.

11 3/4 REF.

14 1/4 REF.

SEE VIEW A

VIEW A

FOR USE ON MC & WHEN SEM IS NOT USED

28" REF.

FOR USE ON ME/MW & WHEN SEM IS NOT USED

MW = -.642"
ME = -4.373"

MW = -11.983" REF.
ME = -8.252 REF.

MW = -.552"
ME = -4.302"

MW = -12.073" REF.
ME = -8.323 REF.

MW-Z = -34.7708'
X = -8.762"
EL. = 746.1230'

ME-Z = -34.7708'
X = +8.762
EL = 745.8104'

MW-Z = -34.292'
X = -8.785"
EL. = 746.1237'

ME-Z = -34.292'
X = +8.785"
EL. = 745.8110'

MAGNET
Z = -35.500'
X = 0
EL = 745.9593'

MW-Z = -32.6375'
X = -8.862"
EL = 746.1263'

MC-Z = -32.6375'
X = 0
EL = 745.9583

ME-Z = -32.6375'
X = +8.862"
EL = 745.8133'

14 1/2 REF.

8 3/4" REF.

(REF.)

22.918" REF.

4.350 REF.

10" COMP.

Z = -29.000'
X = 0
EL = 745.9583'

UPSTREAM WINDOW
Z = -14.750'
X = 0
EL. = 745.9583'

TARGET
Z = -14.5625'
X = 0
EL. = 745.9583'

DOWNSTREAM WINDOW
Z = -14.250'
X = 0
EL. = 745.9583'

6.000 REF.

2.250' REF.

3.000" REF.

18"

MW-Z = -10.7992'
X = -9.884"
EL = 746.1601'

ME-Z = -10.7992'
X = +9.884"
EL = 745.8434'

MC-Z = -10.6325'
X = 0
EL = 745.9583'

-40.5'

℄ MAGNET

-34.0180
FRONT FLANGE

79.9688
(79'-11 5/8")

TO FLANGE AT END OF BOX

6.655'
(79.860") REF.

-35.5'

5'-0"
(60.000") REF.

1.9880'
(17.787")

19.000" REF.

-29.000'
FRONT OF DUMP

14.000'
(168")
DUMP LENGTH

15.000'

TARGET

WT. = 9180#

745.2310'
BE EL

BOTTOM OF BOX EL. = 743.1250'

12.797 REF.

EL. FLR & RAILS
743.4167'

17.886 REF.

30"

4.410" REF.

-14.6325'

-28.0375

4 5/8

52 1/2

-33.6325'

6 PLC'S SEE NOTE

NOTE:

ITEM NO.	PART NO.	DESCRIPTION OR SIZE	QTY. REQ.
PARTS LIST			

UNLESS OTHERWISE SPECIFIED	ORIGINATOR	EM VILLEGAS	10-82
FRACTIONS DECIMALS ANGLES	DRAWN	VL JACOBSEN	2-3-83
± — ± — ± —	CHECKED	[illegible]	3/25/83
1. BREAK ALL SHARP EDGES 1/64 MAX.	APPROVED		
2. DO NOT SCALE DWG.	USED ON		
3. DIMENSIONING IN ACCORD WITH ANSI Y14.5 STD's.	MATERIAL-	—	
MAX. ALL MACHINED SURFACES			

FERMI NATIONAL ACCELERATOR LABORATORY
UNITED STATES DEPARTMENT OF ENERGY

MESON TEV II TARGET TRAIN ASSY

EXPERIMENTAL AREAS DEPT

SCALE	FILMED	DRAWING NUMBER	REV.
1"-1'-0"		1214-ME-174072	A

SHEET 1 OF 2