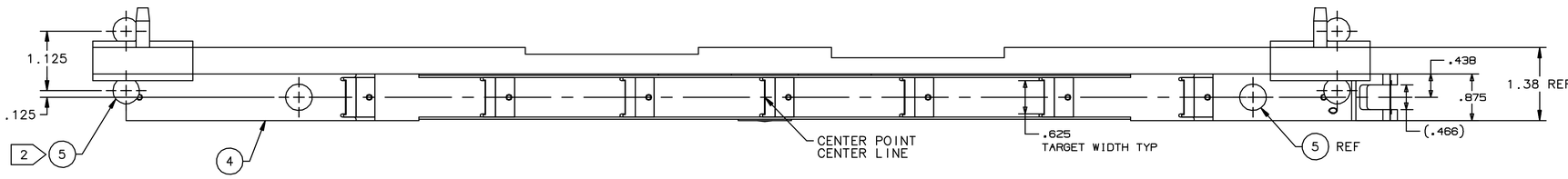
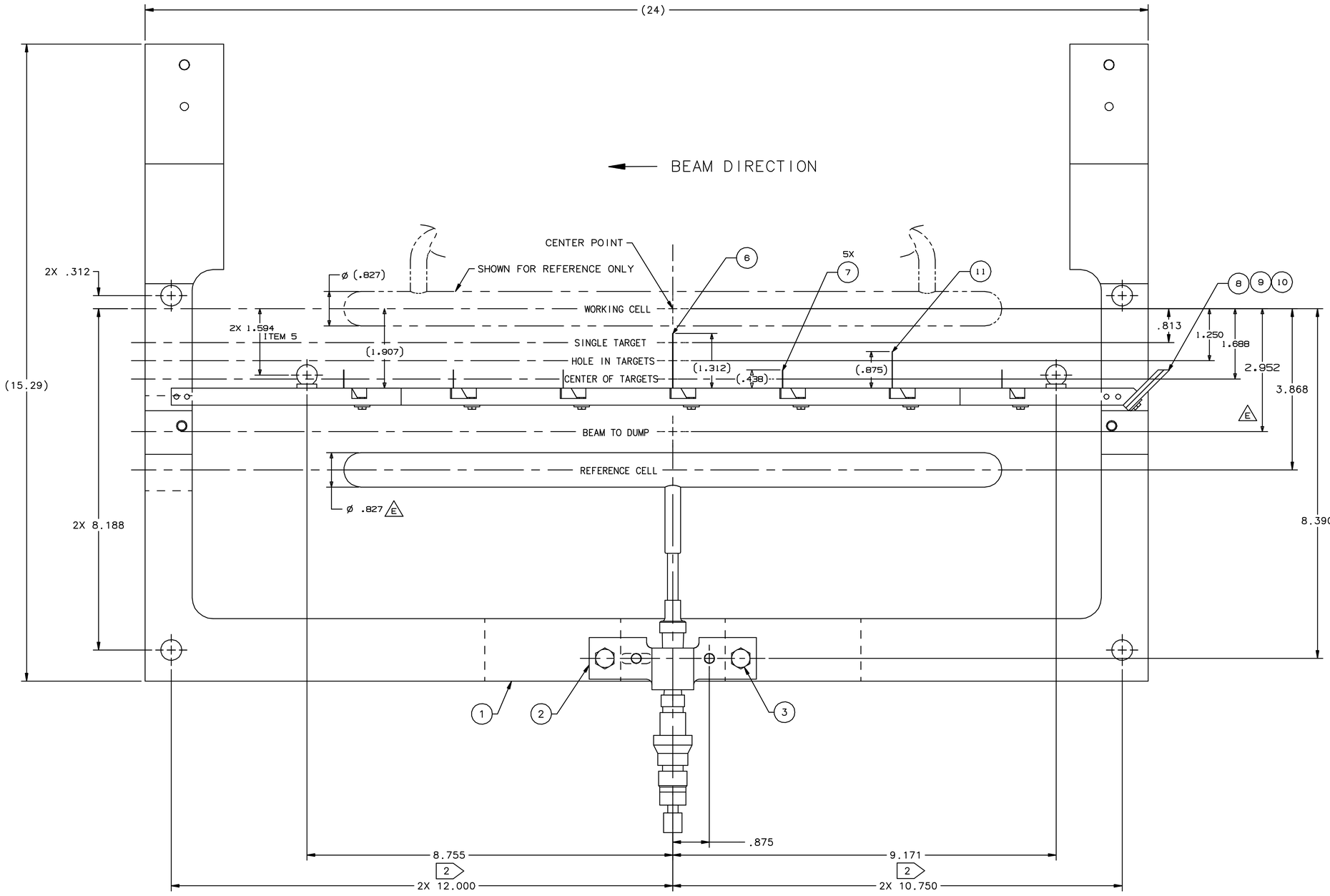
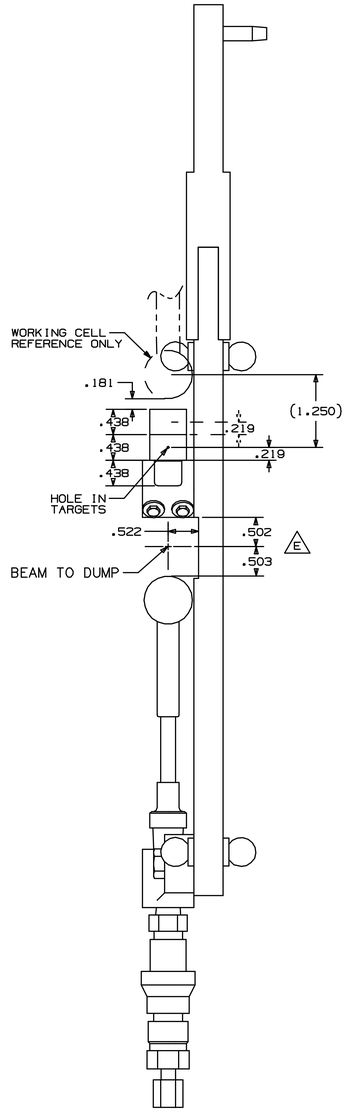
REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED
-	A	REFERENCE CELL MOVED DOWN .250 UPDATED DRAWING AND DIMENSIONS	6/23/16	
-	B	CHANGED PART NUMBER ITEM 2	8/17/16	
-	C	DESIGN CHANGE ADDED ITEMS AND NOTES	4/9/18	BCM
-	D	ADDED ITEM 11, ADDED DIMENSIONS	5/24/18	BCM
-	E	CHANGED REFERENCE CELL DIA., WAS Ø .748 UPDATED DIMENSIONS	1/7/19	BCM







NOTES:

1. WEIGHT IS APPROXIMATELY 3.4 LBS.
2. 9 TOOLING BALLS ARE SHOWN & LOCATED FOR ALIGNMENT PURPOSES. ONLY 4 TOOLING BALLS PER LADDER PLATE (ITEM 1) CAN BE USED AT ANY ONE TIME.
3. REMOVE ALL TOOLING BALLS BEFORE USE.
4. FOR ITEMS NOT LISTED ON THIS DRAWING SEE A06010-03-04-1100.

PARTS LIST

	QTY REQD	ITEM NO	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION	NOTES
D	1	11	67507-00087-03	CARBON TARGET W/HOLE SHORT	-	-
	1	10	67507-00089-03	BeO TARGET	-	-
	1	9	67507-00089-02	BeO TARGET HOLDER	-	-
C	1	8	67507-00089-01	BeO MOUNTING PLATE	-	-
	5	7	67507-00087-02	CARBON TARGET	-	-
	1	6	67507-00087-01	CARBON TARGET W/HOLE	-	-
2	4	5	McMASTER-CARR 31325A27	SHOULDER TOOLING BALL 1/2 BALL DIA.	STEEL	-
	1	4	A06010-03-04-1100	CALIBRATION TARGET ASSY	-	-
	2	3	McMASTER-CARR 94555A319	HEX HEAD SCREW 1/4-20 UNC x 3/4 LG	CERAMIC	-
	1	2	67507-00057	REFERENCE CELL ASSY	-	-
	1	1	67507-00037	LADDER PLATE MODIFICATION	-	-

PARTS LIST

EACH SHEET OF MULTI-SHEET DRAWINGS SHALL ALWAYS HAVE THE SAME REVISION LEVEL

In accordance with the Jefferson Lab ESH&Q manual
Subject Matter Expert(SME) signatures may be required

DOCUMENT CONTROL STAMP	
MATERIAL	-
FINISH MACHINED SURFACES 125 √ UNLESS OTHERWISE NOTED	
DEBURR & BREAK ALL SHARP EDGES	
DO NOT SCALE DRAWING	

DIM & TOL PER ASME Y14.5
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ARE
FRACTIONS ± N/A
DECIMAL X ± 1 XX ± 01 XXX ± 005
ANGLES ± 30'

THIRD ANGLE PROJECTION

TRACKING NO N/A

APPROVALS	DATE
DRAWN METZGER	6/06/16
CHECKED	
APPROVED	
APPROVED	

United States Department of Energy — Thomas Jefferson National Accelerator Facility — Newport News Virginia

HALL C
A1N
TARGET LADDER ASSY

SIZE E | DWG NO 67507-00047 | REV E
SCALE 1:1 | USED ON ASSY NO 67507-00051 | SHEET 1 OF 1

Approved: 1/7/2019; E-Sign ID : 379908; signed by: Ap. 1: D. Young; C.: D. Young; D: T. Fuell