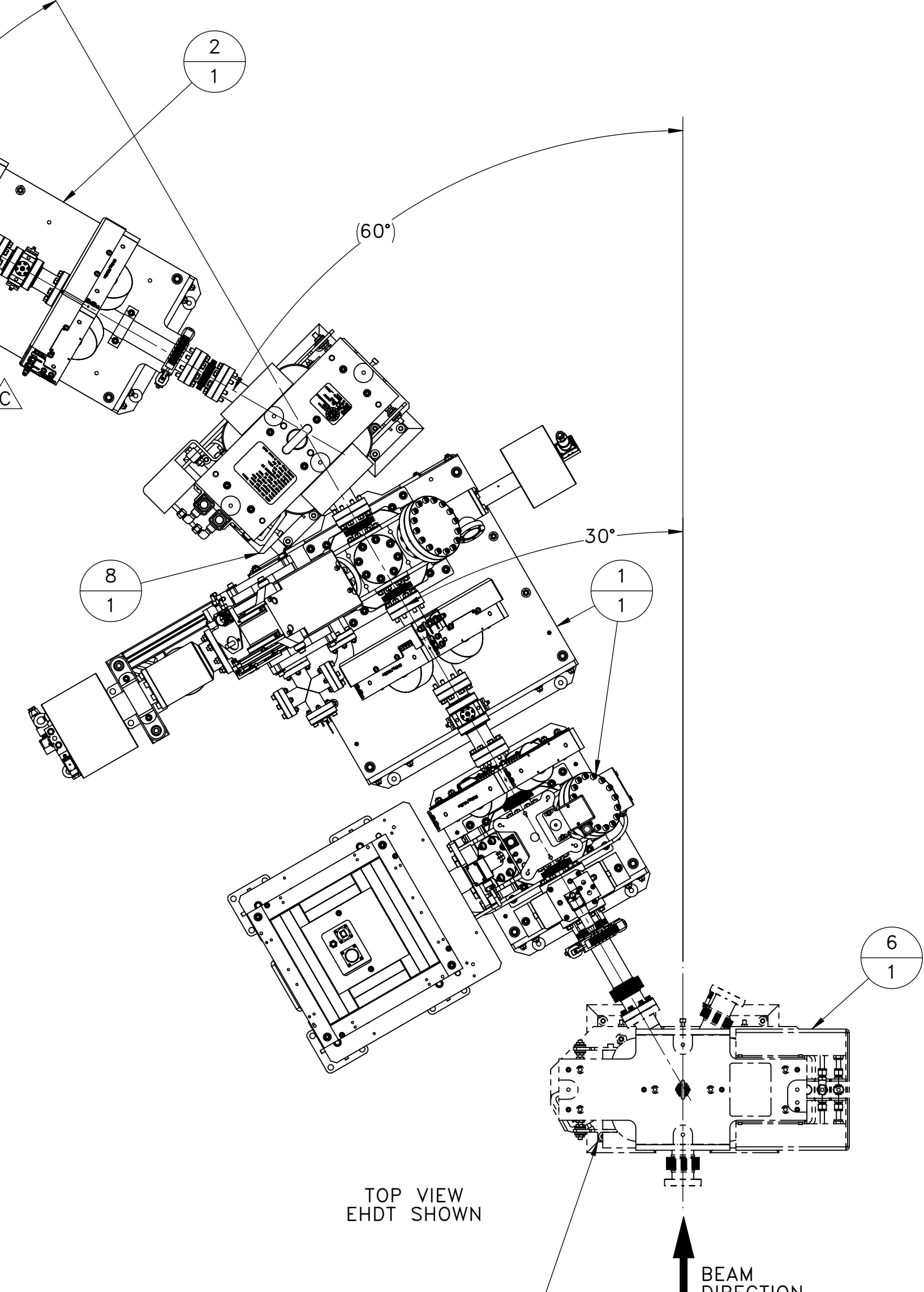
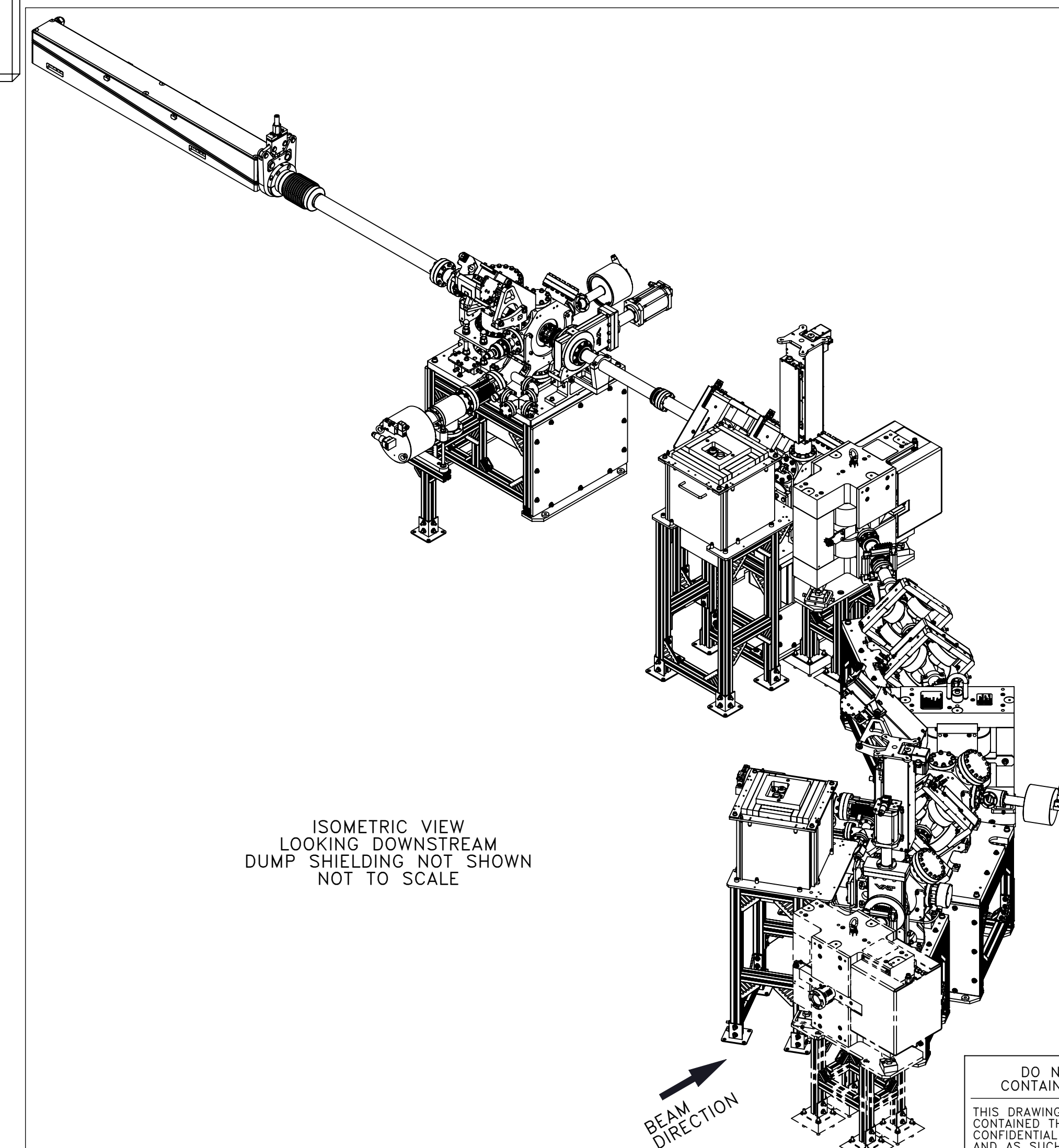


ITEM	REF No.	DESCRIPTION	MATERIAL	QTY.
1	TEL4557	BEAMLINE SECTION 1		1
2	TEL4558	BEAMLINE SECTION 2		1
3	TEL4559	BEAMLINE SECTION 3		1
4	TEL4560	BEAMLINE SECTION 4		1
5	TEL4561	BEAMLINE SECTION 5		1
6	TMD0014	EHAT-MB4 DIPOLE MAGNET GENERAL ASS'Y		1
7	TMD0016	EHDT-MB4 DIPOLE MAGNET GENERAL ASS'Y		1
8	TMD0015	EHDT-MB2 DIPOLE MAGNET GENERAL ASS'Y		1
9	TSH0170	100kW SHIELDING		-
11	TSH0293	OVERALL LAYOUT		1
12	TEL4561	BEAMLINE SECTION 5		-
13	TEL4962	100kW COLLIMATOR		-



NOTE:  
 △ -SEE SHEET 2 FOR 100 kW SHIELDING LAYOUT.

ISOMETRIC VIEW  
 LOOKING DOWNSTREAM  
 DUMP SHIELDING NOT SHOWN  
 NOT TO SCALE

TOP VIEW  
 EHDT SHOWN

TOLERANCES UNLESS OTHERWISE SPECIFIED		
DECIMALS	X	± 0.5
	.X	± 0.2
	.XX	± 0.1
ANGULAR		± 1.0°
SURFACE FINISH		3.2 µm

ALL DIMS IN MILLIMETRES

REV	DATE	REVISION DESCRIPTION	BY	APPD
C	1/24/2017	ECO-3497 - MAGNET ORIENTATION UPDATE	Quinn Temmel	E. GUEIRE
B	9/15/2014	ECO-3473 - ADDED SHIELDING, UPDATED BEAMLINE	Quinn Temmel	G. STANFORD
A	7/4/2014	ECO-3356 - CHANGE CONTROL APPLIES	Quinn Temmel	D. PREODY

**TRIUMF**  
 4004 WESBROOK MALL  
 VANCOUVER, BRITISH COLUMBIA  
 CANADA V6T-2A3

CANADA'S NATIONAL LABORATORY FOR  
 PARTICLE AND NUCLEAR PHYSICS

DO NOT COPY, THIS DOCUMENT  
 CONTAINS PROPRIETARY INFORMATION

DESIGNED TRIUMF  
 DRAWN Q. TEMMEL  
 CHECKED T. EMMENS  
 REA/WPN # 1569  
 TRACKING # P-0104

DESIGNED TRIUMF	SUB-ASSY TEL2996
DRAWN Q. TEMMEL	ASSEMBLY TEL1814
CHECKED T. EMMENS	
REA/WPN # 1569	
TRACKING # P-0104	

**EHDT  
 BEAMLINE SECTION  
 ARIEL**

SCALE: 1:10  
 DATE: 19JUN2014

DWG NO. TEL3054

SIZE SHEET 1 OF 2 REV C

BEAM DIRECTION

COLLIMATOR SHIELDING.  
SUPPORT STRUTS FOR  
INSTALLATION NOT SHOWN.

FUTURE INSTALLATION  
OF MRAST6V AND  
MRAST6H  
RASTER MAGNETS.

100kW SHIELDING.

9  
1

12  
1

TOP VIEW  
EHD1 SHOWN

EHD1 MB4 (ITEM 7) INCLUDED  
AS GHOSTED REFERENCE ONLY.

BEAM DIRECTION

CROPPED VIEW WITH BROKEN-OUT SECTION  
TO SHOW BEAMLINE LEVEL.

<b>TRIUMF</b>		4004 WESBROOK MALL VANCOUVER, BRITISH COLUMBIA CANADA V6T-2A3	CANADA'S NATIONAL LABORATORY FOR PARTICLE AND NUCLEAR PHYSICS
SCALE	1:10	DWG. NO.	SIZE SHEET 2 REV
USE IN CONJUNCTION WITH SHEET No. 1		THIRD-ANGLE PROJECTION	TEL3054 D OF 2 C