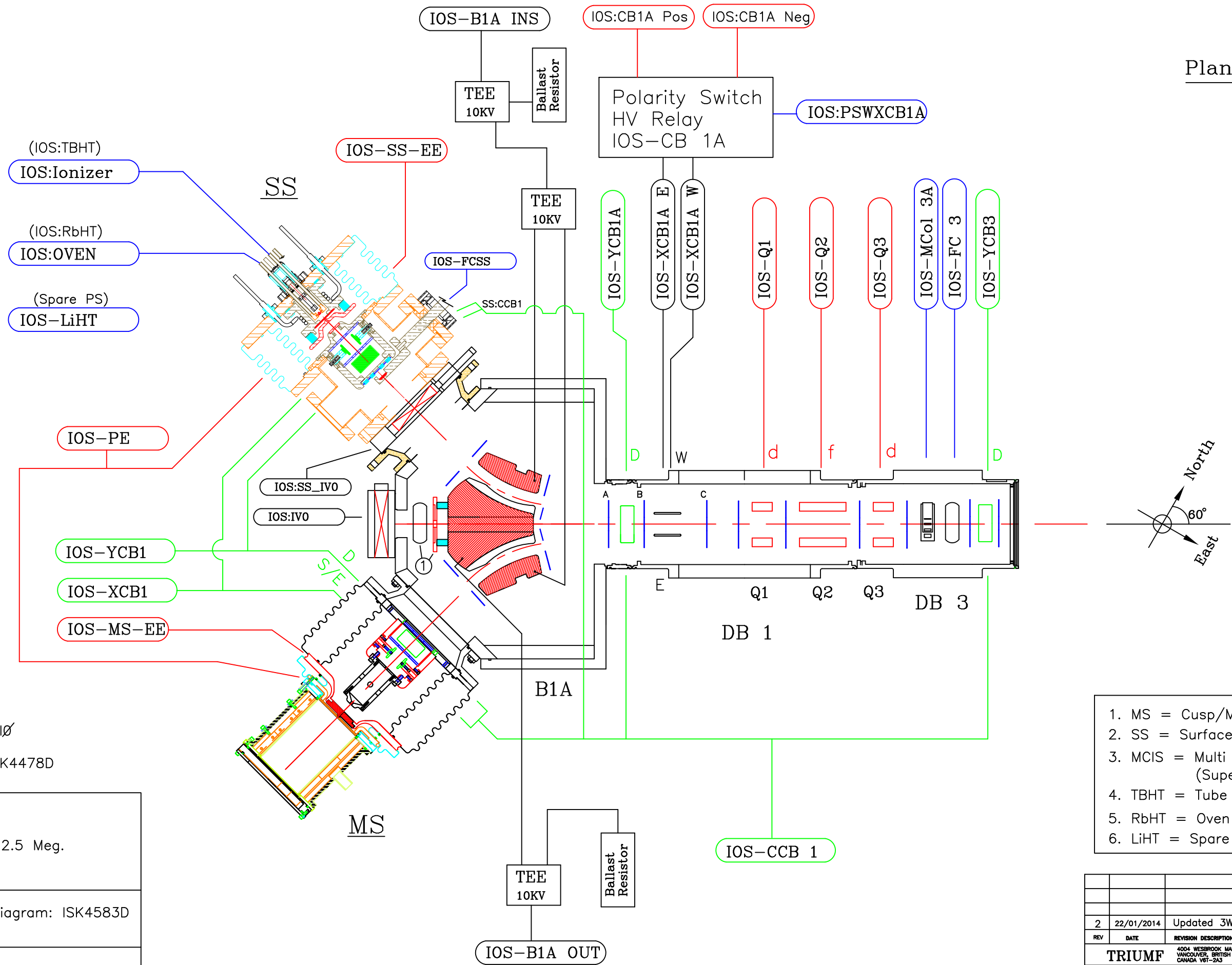


Plan View



① MCIS:FCØ & MCIS:CoIØ

Note: MCIS Optics ref: ISK4478D

Notes:

1. Ballast Resistors = 12.5 Meg.
(2 x 25M/4W/30KV)
(MOX 3-13 type)

2. SS & MS Electrical diagram: ISK4583D

3. Skimmers size for DB-1
Skimmer 1A = 2.60" x 1.00"
Skimmer 1B = 1.70" x 1.00"
Skimmer 1C = 1.20" dia.

1. MS = Cusp/Microwave Source
2. SS = Surface Source
3. MCIS = Multi Charge Ion Source (Super Nanogan)
4. TBHT = Tube Heater (Ionizer)
5. RbHT = Oven
6. LiHT = Spare P/S (12V 220A)

REV	DATE	REVISION DESCRIPTION	BY	APP'D
2	22/01/2014	Updated 3Way Bender	RD	

TRIUMF 4004 WESBROOK MALL VANCOUVER, BRITISH COLUMBIA CANADA V6T-2A3 CANADA'S NATIONAL MESON FACILITY
 OLIS - Optics
 New Surface Source and Old/original Microwave Source

DRAWN	Ray Dube	APPROVED	DWG NO.	REV
DATE	15/01/2014		ISK4585D	2