



Reference	Description	Grid Ref
RF1	RF Amplifier	D2
RF2	RF Amplifier	F1
PG1	Vacuum Pump Group	D1
PG2	Vacuum Pump Group	F2
PG3	Vacuum Pump Group	F5
PG5	Vacuum Pump Group	E7
X1	Steering Magnet - Horizontal	E3
XY2	Steering Magnet - Horizontal & Vertical	E3
XY3	Steering Magnet - Horizontal & Vertical	E5
XY4	Steering Magnet - Horizontal & Vertical	E7
IX	Steering Magnet - Horizontal	E2
SWM	Switching Magnet	E5
Q1	Quadropole Magnet	E3
Q2	Quadropole Magnet	E6
Q3	Quadropole Magnet	E7
FS1	Flip Screen	E6
FS2	Flip Screen	E7
FS3	Flip Screen	E8
SBD1	Stray Beam Detector	E3
SBD2	Stray Beam Detector	E4
SBD3	Stray Beam Detector	E5
BEV	Beam Exit Valve	E2
BLV1	Beam Line Valve	E7
BLV2	Beam Line Valve	D5
BLV3	Beam Line Valve	F5
BC1	Beam Collimator	E3
FC1	Faraday Cup	E4
BPM1	Beam Profile Monitor	E4
BPM2	Beam Profile Monitor	E5
BP1	Beam Plug	E6

Douglas Cyclotron Clatterbridge Centre of Oncology Clatterbridge Road Merseyside CH63 4JY United Kingdom	BEAMLINER ELEMENTS			
	CYCLOTRON			
DRAWN BY B.MARSLAND	SIZE A4	ALL DIMENSIONS IN MILLIMETRES	DWG NO	REV A
DATE 17 October 2008	SCALE N/A	© CCO 2008	SHEET	1 OF 1