



NOTES:
 1. THIS DRAWING IS A PRELIMINARY LAY-OUT.
 2. FINAL DESIGN MIGHT RESULT IN CHANGES UPON OVERALL DIMENSIONS.
 3. BEAMLINE HEIGHT IS 1200 MMH.

Item	Description
35	HE analyzing magnet
34	Retractable aperture
33	High power x-stif
32	Pulsed beamline
31	High energy switching magnet
30	Q pole lens
29	HV multiplier and rectifier stack
28	High energy accelerator (low
27	Generating ion injector (low
26	Space charge limit (SCL)
25	Capacitive pickup (CPU)
24	Terminal gas stripper
23	Low energy accelerator tube
22	Q-shout
21	Injector switching magnet
20	Future polarized ion source
19	Drift (for future buncher)
18	Main power cabinet
17	Negative sputter ion source
16	Nuclear astrophysics beamline
15	SO10 sample carousel
14	Buncher
13	Retractable Faraday cup
12	Manual aperture
11	Beam profile monitor
10	Chopper
9	Einzel lens
8	Y-steerer
7	X and Y steerer
6	Injector analyzing magnet
5	Thin charge exchange canal
4	SO 120 multicusp HV source
3	SO 120 multicusp HE source
2	Control desk
1	SFS system

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THE DOCUMENT IS PRELIMINARY REPRESENTATION OF
 THE DESIGN AND SHALL BE SUBJECT TO CHANGE WITHOUT
 NOTICE. NO PARTS SHALL BE ORDERED OR MANUFACTURED
 WITHOUT OUR WRITTEN PERMISSION.

PROJECT: 3 MV Tandem 2X Multicusp + Dual
 SHEET: 2 OF 2
 REVISION: M. Wrogoop
 : 18-11-2007
 A
 A28083-05

SCALE: 1:1.30
 CHECKED: :
 CREATED: M. Wrogoop
 : 18-11-2007