LS-39
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STORAGE RING GEOMETRY

-STOR-RING (11/19/85) E. A. Crosbie E. A. C

LSSR LAYOUT OF MAGNET DESIGN CRITERIA

	(meters)
L	3.00
Q1	0.50
L11	0.15
S1	0.40
L12	0.15
Q2	0.90
L21	0.15
S2	0.40
L22	0.15
Q3	0.50
L3	0.75
M	2.45
L41	0.51
S3	0.40
L42	0.09
Q4	0.50
L5	0.50
Q5	0.50
L61	0.30
S4/2	0.20
TOTAL REFLECT	12.50

L = Drift

Q = Quadrupole

S = Sextupole

M = Magnet

Maximum Desired Magnet Fields at 7 GeV

Magnet	0.94 T
Quadrupoles	20 T/M
Sextupoles	350 T/M^2