Top view

e+
beam
dump

0.6m

Wall
muon
spoiler

muon
spoiler
hall

0.6m

5m

-349m from IP

(a)

5.2m

muon
spoiler
hall

wall
muon
spoiler

3.32m

75cm

Cross-sectional view

(b)

beam
pipe

muon
spoiler
yoke

2.5cm
ϕ

(c)

Z / m

FERMILAB-CONF-07-276-AD

SUPPRESSION OF MUON BACKGROUNDS GENERATED
IN THE ILC BEAM DELIVERY SYSTEM *

A.I. Drozhdin, N.V. Mokhov, N. Nakao†, S.I. Striganov,
Fermilab, Bavia, IL 60510, USA L. Keller, SLAC, Stanford,
CA 94025, USA