



# Booster Connection Alternatives

Steve Dixon

Booster Connection

14 February 2019

In partnership with:

India/DAE

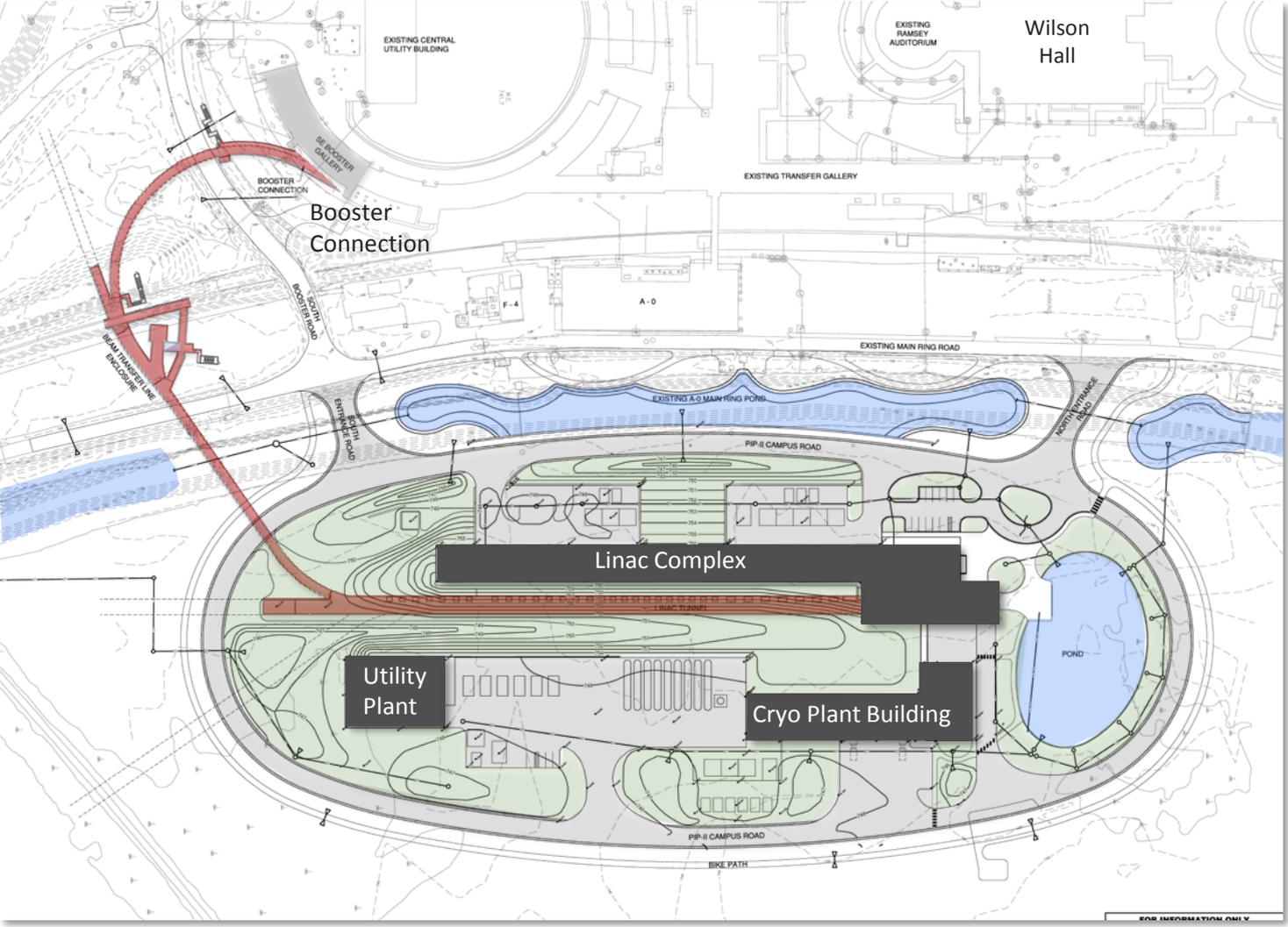
Italy/INFN

UK/STFC

France/CEA/Irfu, CNRS/IN2P3

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# PIP-II Siting

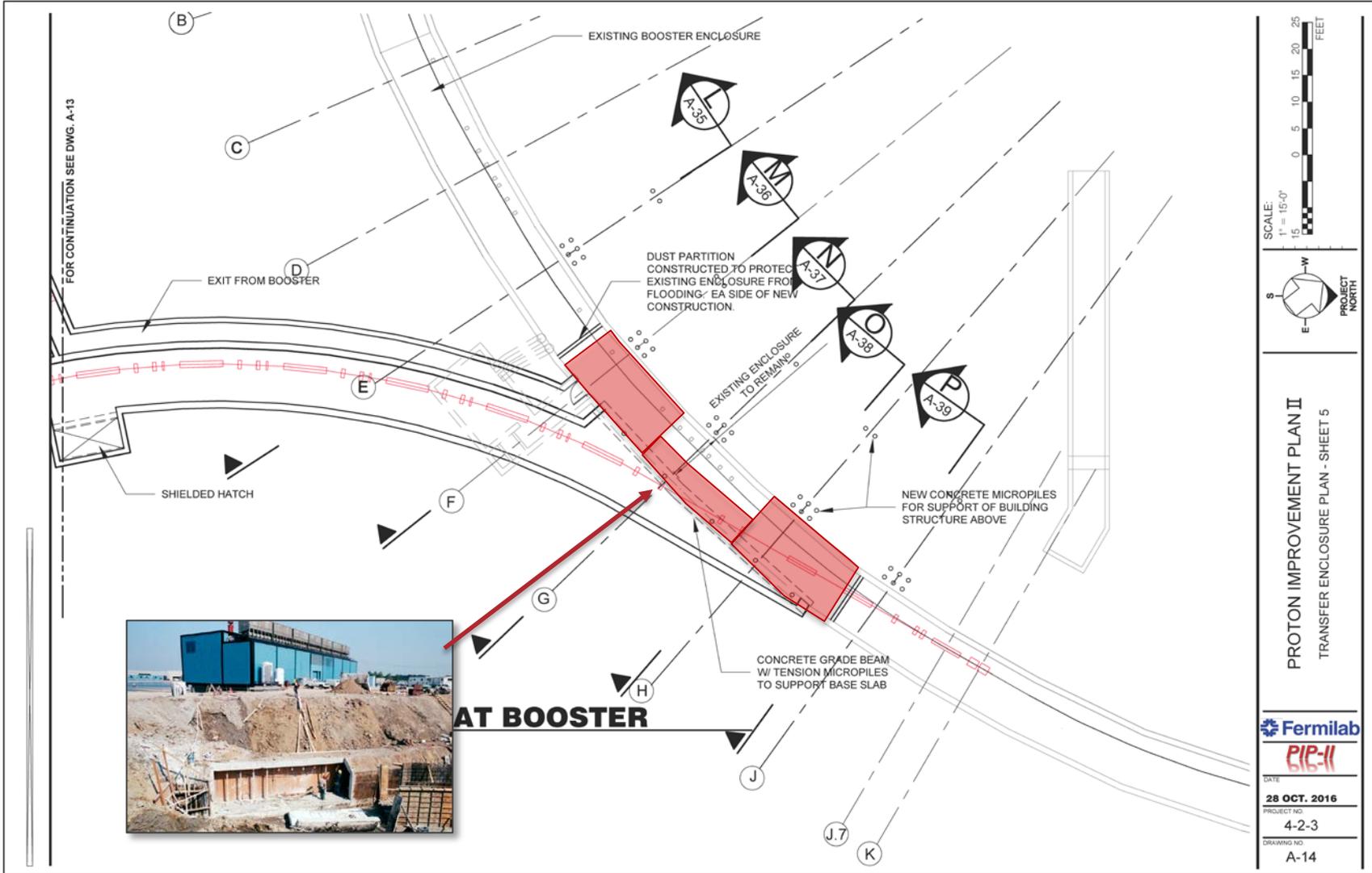


# Booster Connection – Construction Photos

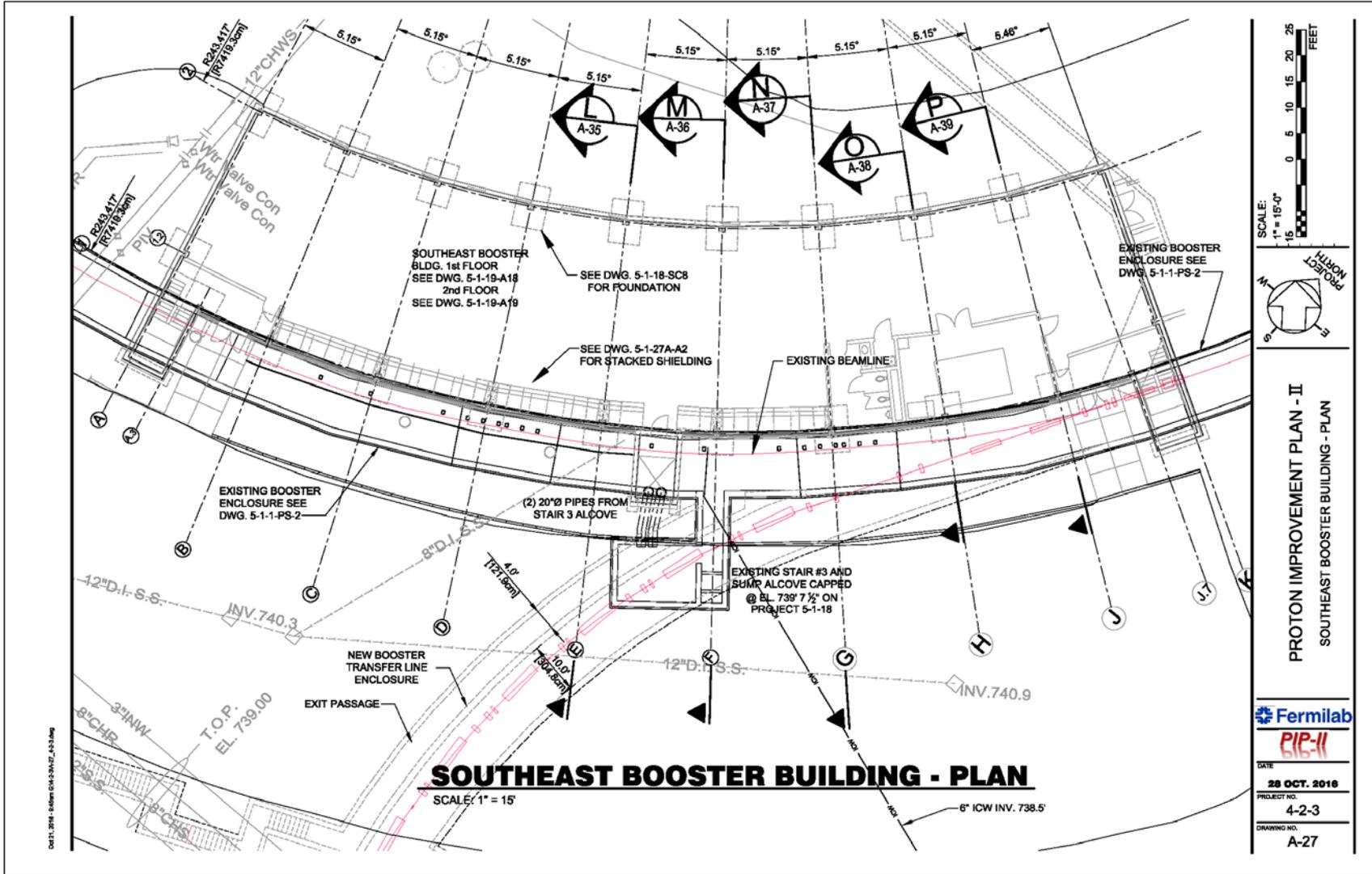


Photos from 1970

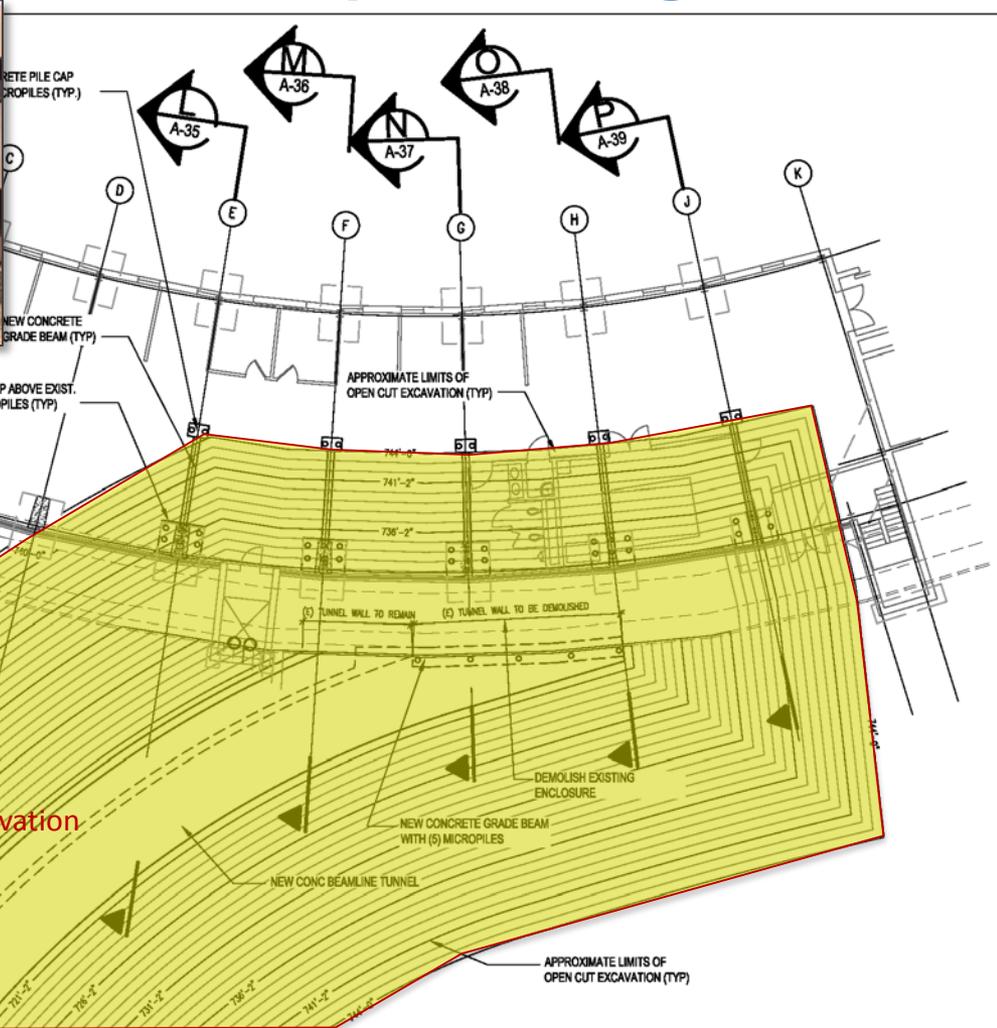
# Booster Connection – Conceptual Design



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SCALE: 1" = 15'-0"

15' 10' 5' 0' 5' 10' 15' 20' 25' FEET

HUMAN LOGGING

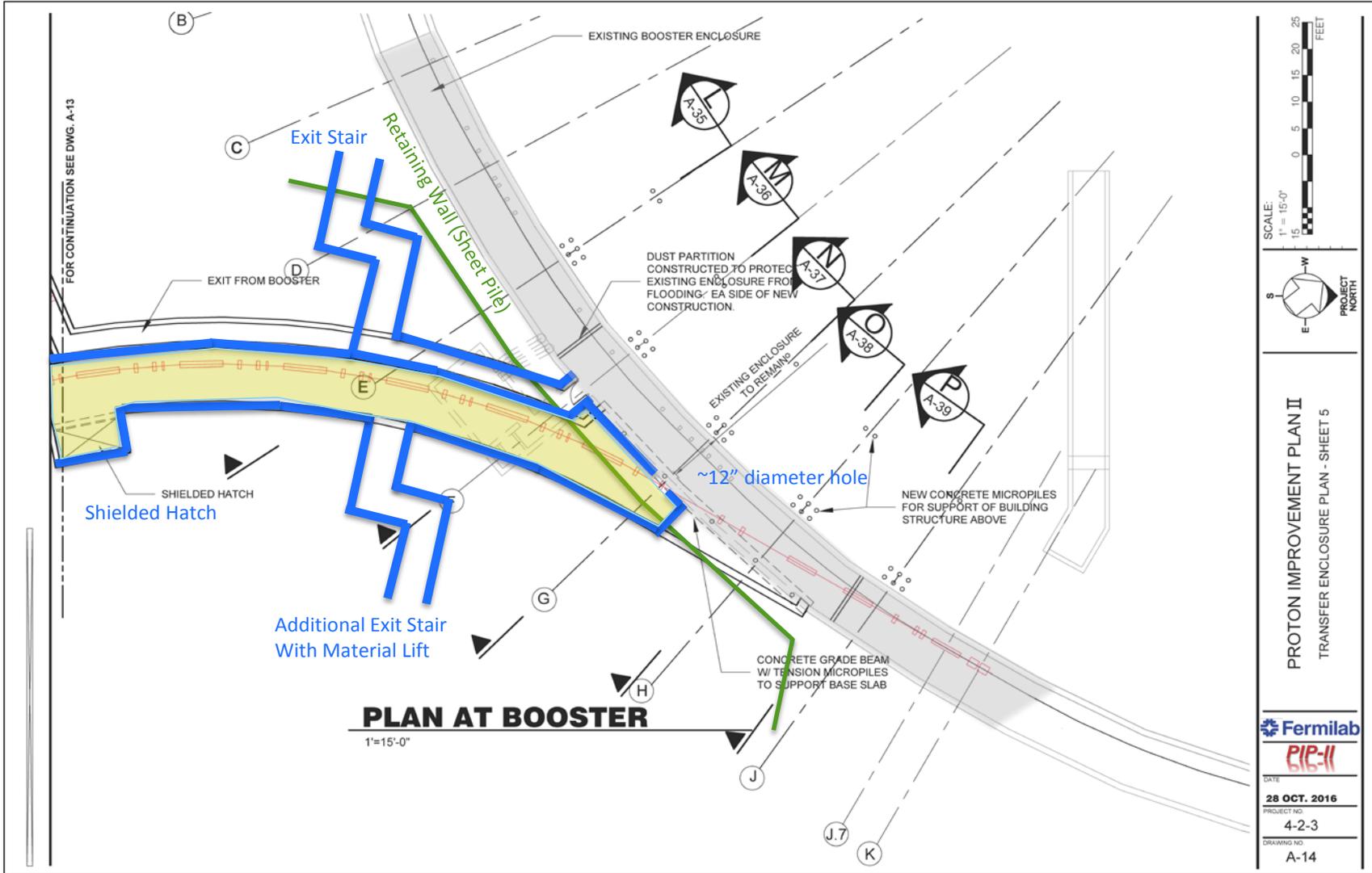
PROTON IMPROVEMENT PLAN - II  
SOUTHEAST BOOSTER BUILDING - EXCAVATION PLAN

Fermilab  
PIP-II

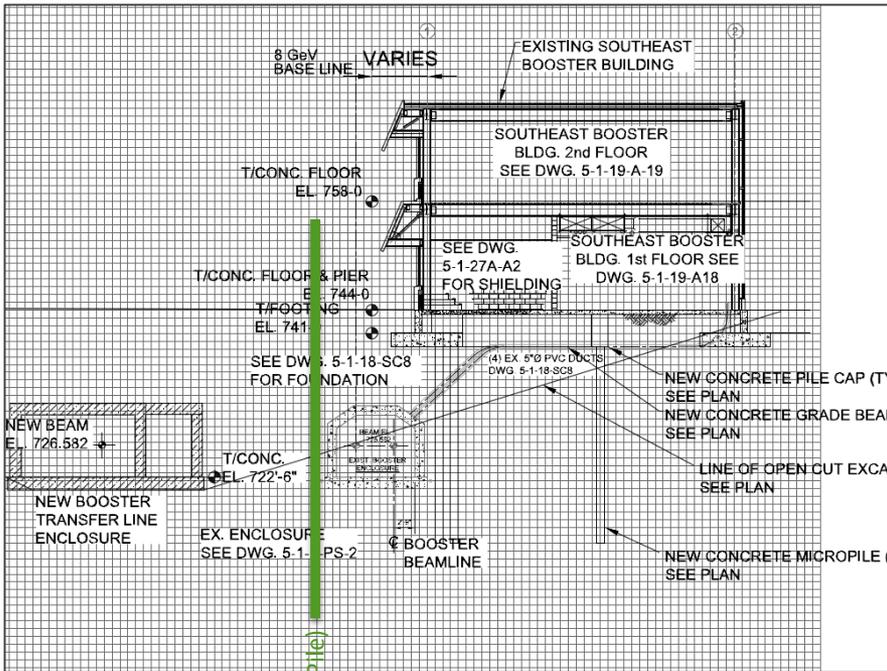
DATE: 28 OCT. 2016  
PROJECT NO.: 4-2-3  
DRAWING NO.: A-26

**EXCAVATION PLAN - EAST BOOSTER TOWER**  
1" = 15'

# Booster Connection – Alternate Design

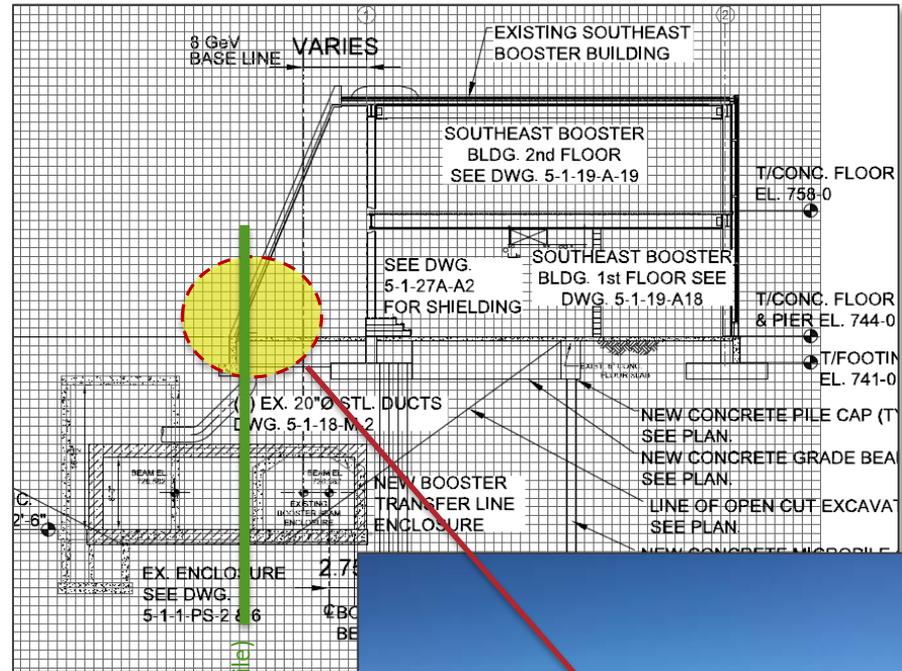


# Booster Connection – Alternate Design



From A-35

Retaining Wall (Sheet Pile)



From A-36

Retaining Wall (Sheet Pile)



**END**