

PROTON IMPROVEMENT PLAN - II
FUTURE BEAMLINES SITE PLAN



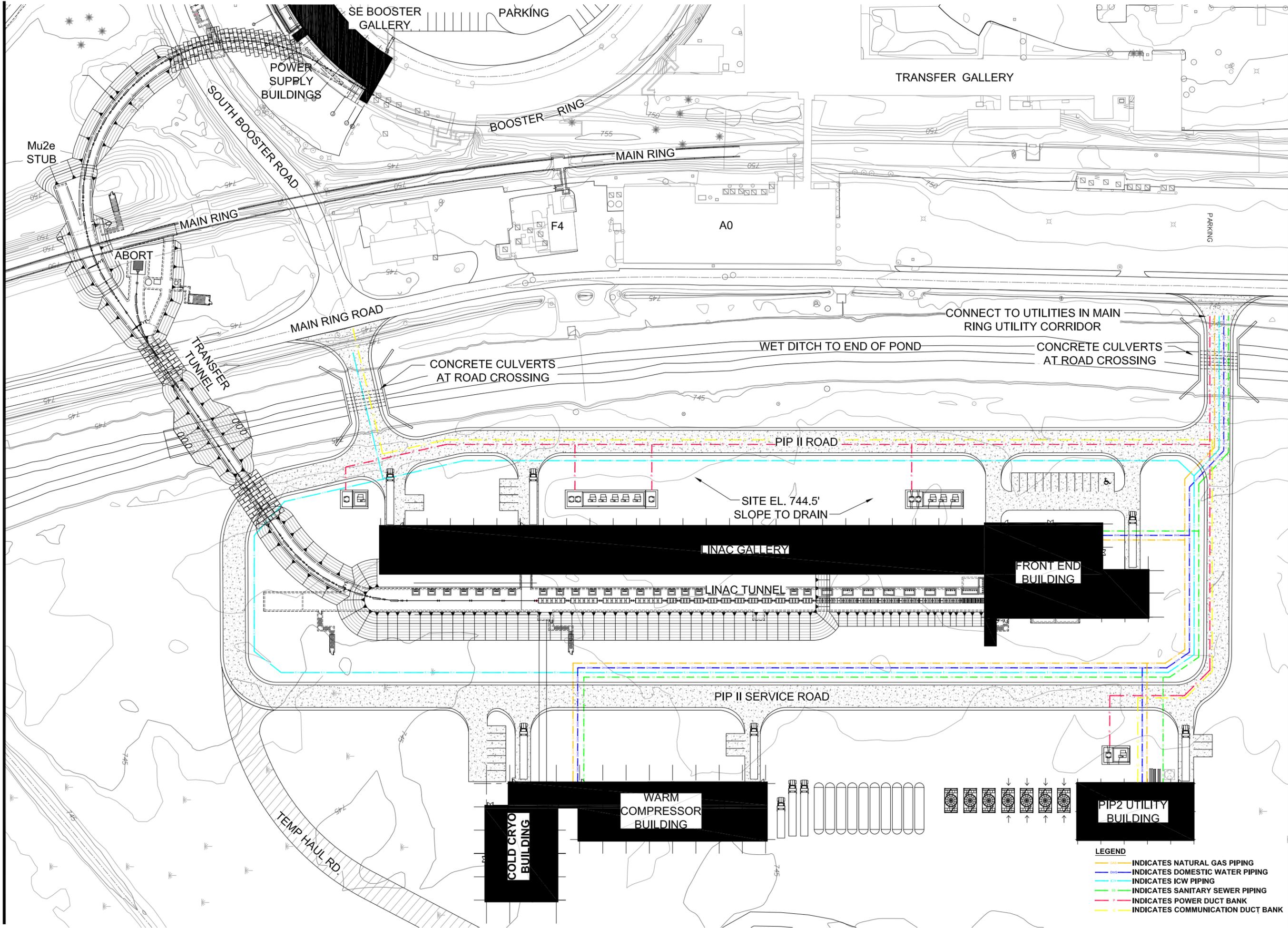
DATE
28 OCT., 2016

PROJECT NO.
4-2-3

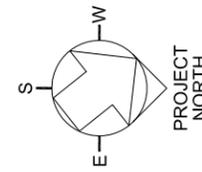
DRAWING NO.
C-2

- LEGEND**
- INDICATES PIP 2 CONSTRUCTION
 - INDICATES FUTURE BEAMLINE TO MUON CAMPUS
 - INDICATES FUTURE RCS EXTENSION
 - INDICATES FUTURE NEW LINAC

Oct 21, 2016 - 9:37am G:\4-2-3\pip2-NEW BEAM 20may2016_WETLAND_recover.dwg



SCALE:
 1" = 30'-0"
 SCALE
 0 30 60 90 120 150
 FEET



PROTON IMPROVEMENT PLAN - II

SITE UTILITIES PLAN



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C-6

- LEGEND**
- INDICATES NATURAL GAS PIPING
 - INDICATES DOMESTIC WATER PIPING
 - INDICATES ICW PIPING
 - INDICATES SANITARY SEWER PIPING
 - INDICATES POWER DUCT BANK
 - INDICATES COMMUNICATION DUCT BANK

FOR CONTINUATION SEE MATCH LINE BELOW

STAIR #9

EXIT FOR BOOSTER ENCLOSURE

FOR CONTINUATION SEE DWG. A-14

10'-0"
[3M]

10'-0"
[3M]

5'-6"
[2M]

12'-2"
[4M]

SHIELDED HATCH
W/ METAL COVER

B
A-16

B
A-16

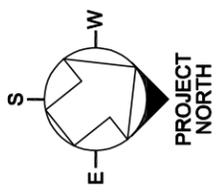
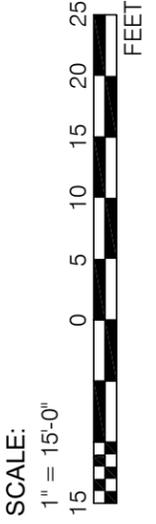
FOR CONTINUATION SEE MATCH LINE ABOVE

FOR CONTINUATION SEE DWG. A-12

STUB ENCLOSURE
FOR FUTURE BEAM
TO Mu2e

PLAN

1"=15'-0"



PROTON IMPROVEMENT PLAN II
TRANSPORT ENCLOSURE PLAN - SHEET 4



PIP-II
616-II

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A-13

FOR CONTINUATION SEE DWG. A-13

B

C

D

E

F

G

H

J

J.7

K

EXISTING BOOSTER ENCLOSURE

EXIT FROM BOOSTER

SHIELDED HATCH

DUST PARTITION
CONSTRUCTED TO PROTECT
EXISTING ENCLOSURE FROM
FLOODING. EA SIDE OF NEW
CONSTRUCTION.

EXISTING ENCLOSURE
TO REMAIN

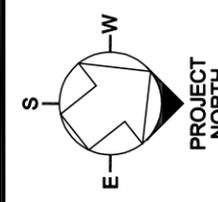
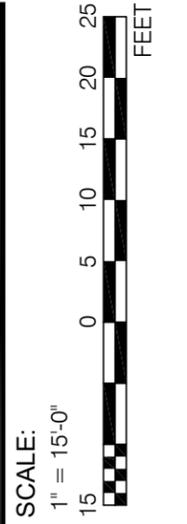
NEW CONCRETE MICROPILES
FOR SUPPORT OF BUILDING
STRUCTURE ABOVE

CONCRETE GRADE BEAM
W/ TENSION MICROPILES
TO SUPPORT BASE SLAB



PLAN AT BOOSTER

1"=15'-0"



PROTON IMPROVEMENT PLAN II

TRANSFER ENCLOSURE PLAN - SHEET 5



PIP-II
616-II

DATE

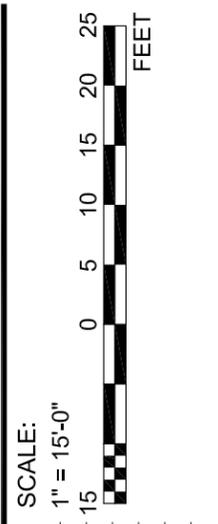
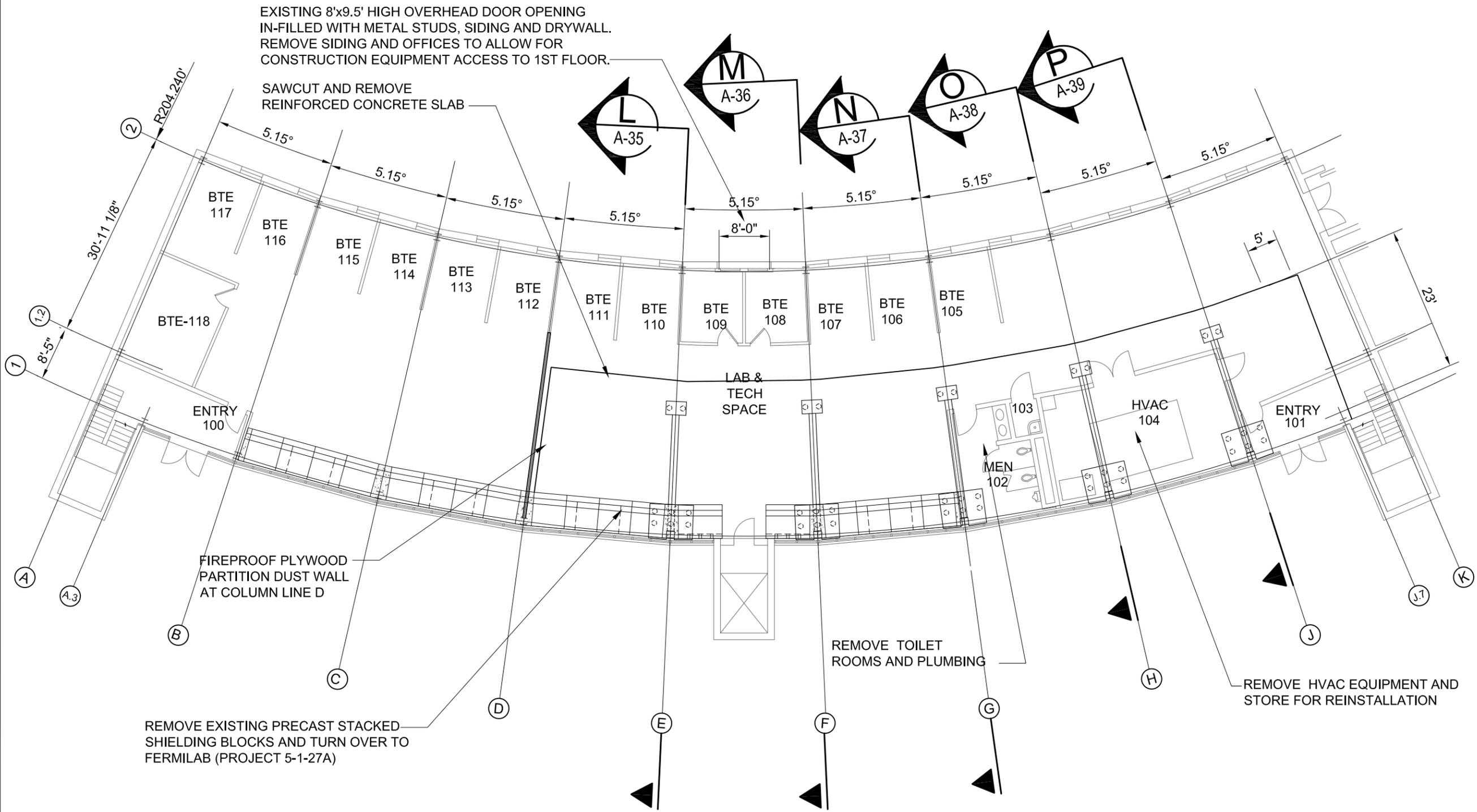
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A-14



PROTON IMPROVEMENT PLAN - II
SOUTHEAST BOOSTER BUILDING - DEMO PLAN

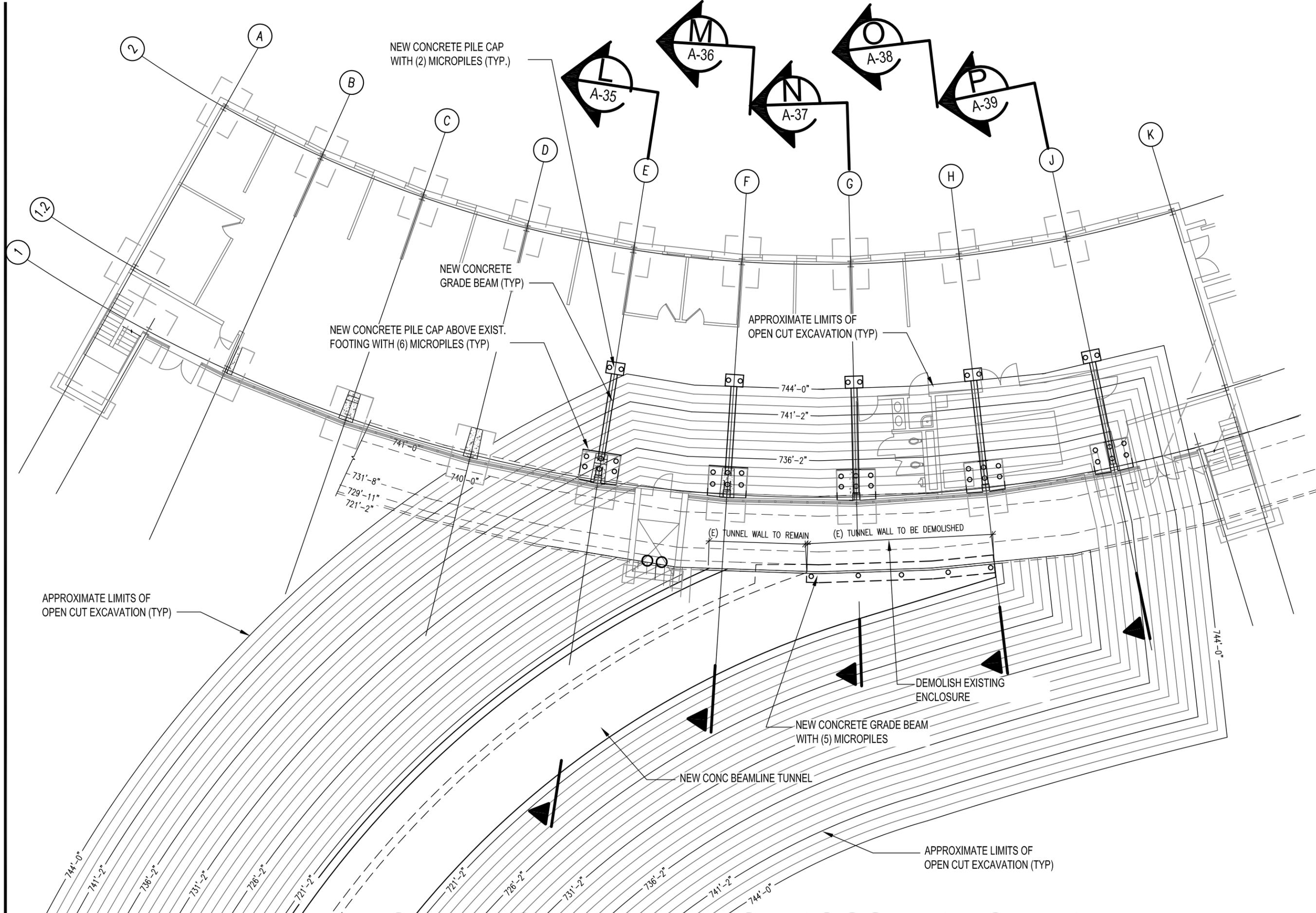
ASSUME THIS BUILDING IS UNOCCUPIED DURING CONSTRUCTION

DEMO PLAN - EAST BOOSTER TOWER

1" = 15'

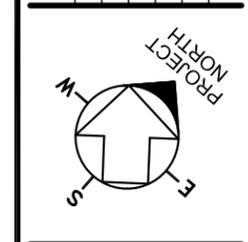
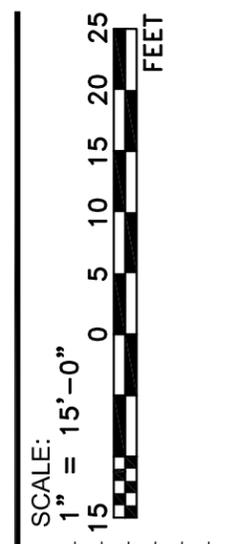


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A-25



EXCAVATION PLAN - EAST BOOSTER TOWER

1" = 15'



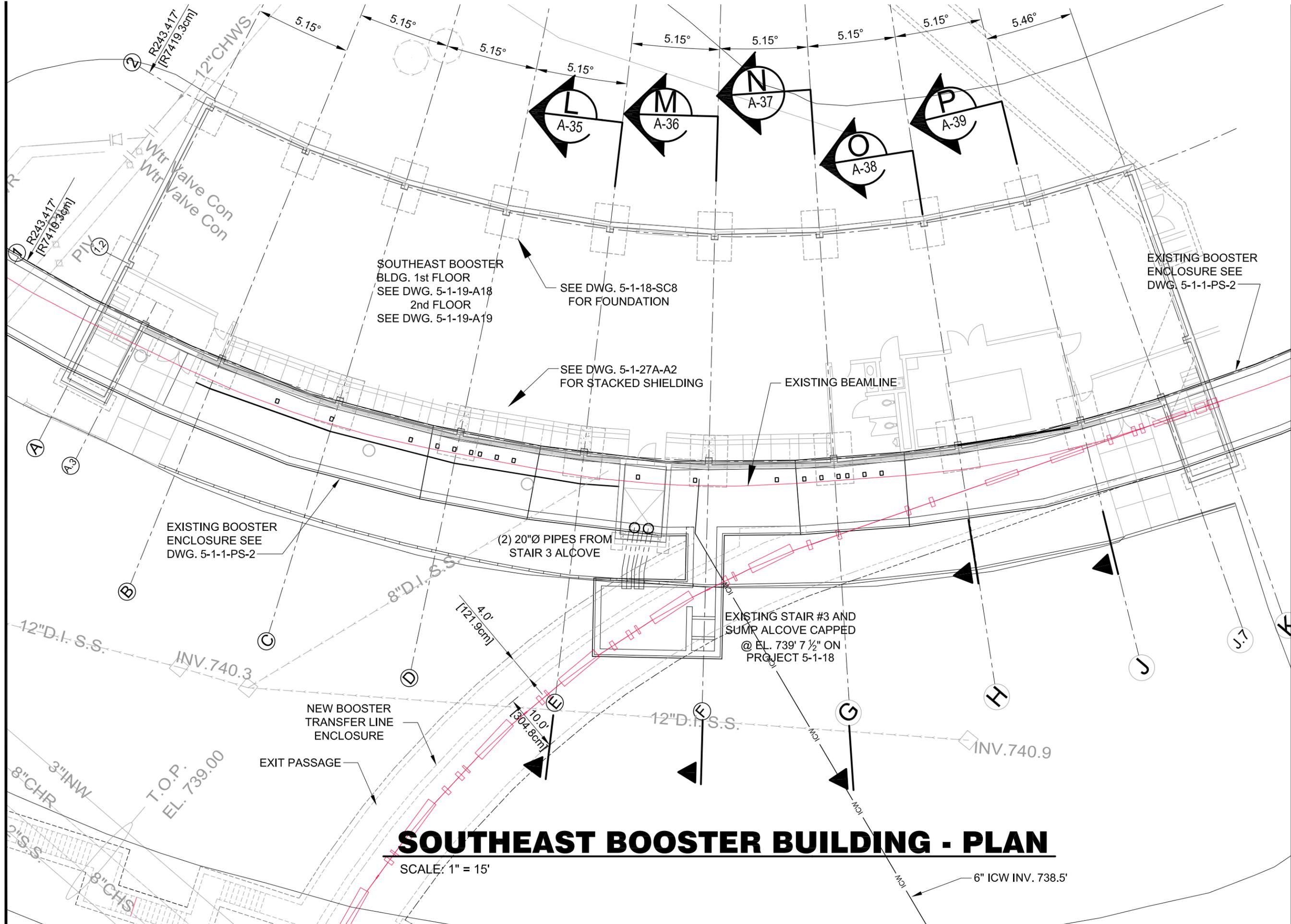
PROTON IMPROVEMENT PLAN - II
SOUTHEAST BOOSTER BUILDING - EXCAVATION PLAN



DATE	28 OCT. 2016
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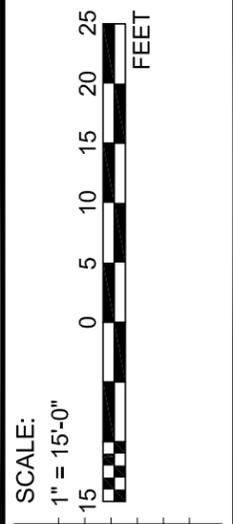
Oct 21, 2016 - 9:45am C:\4-2-3\A-26_4-2-3.dwg

Oct 21, 2016 - 9:45am G:\4-2-3\A-27_4-2-3.dwg



SOUTHEAST BOOSTER BUILDING - PLAN

SCALE: 1" = 15'



PROTON IMPROVEMENT PLAN - II

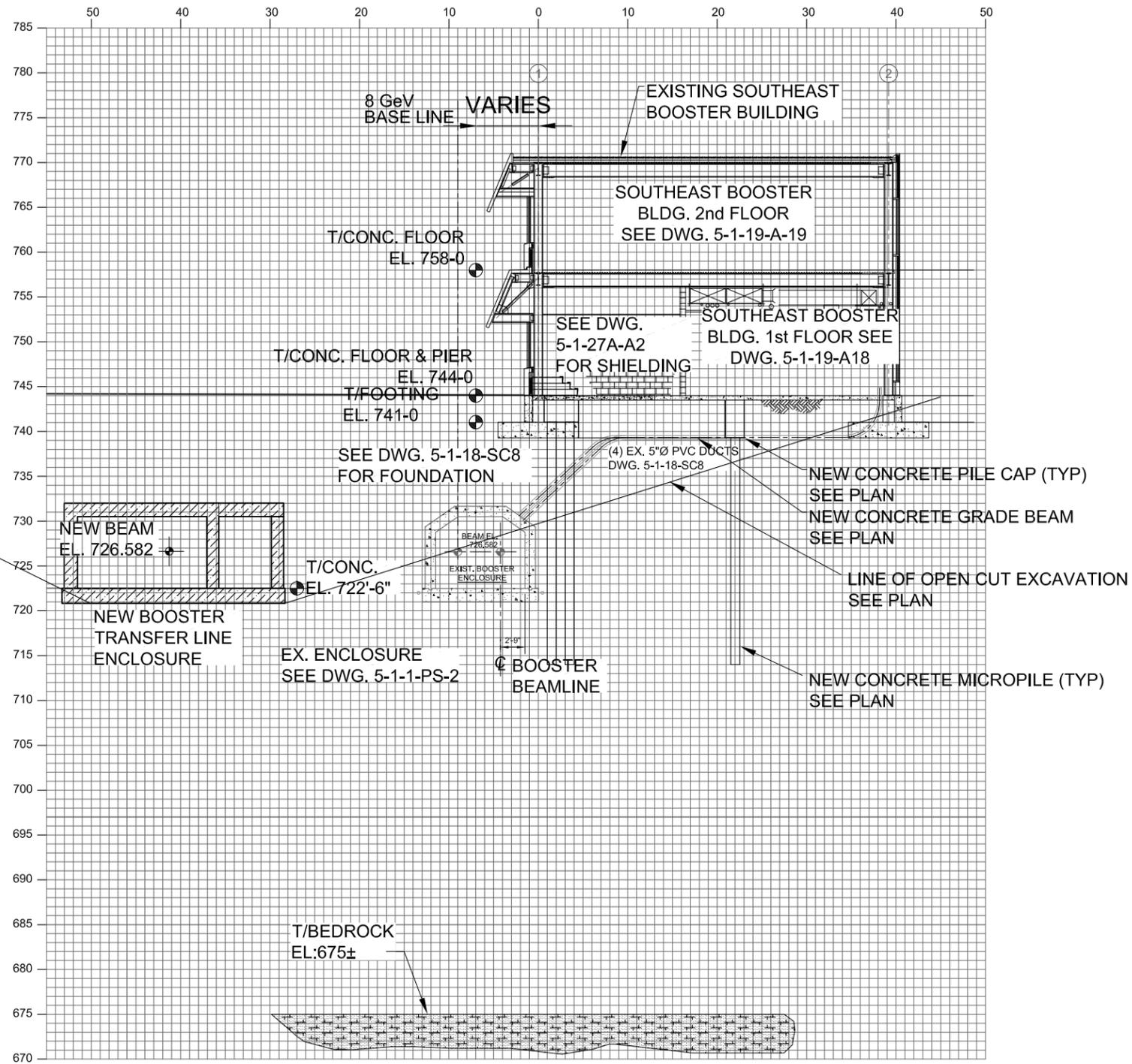
SOUTHEAST BOOSTER BUILDING - PLAN



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6" ICW INV. 738.5'

Oct 21, 2016 - 10:14am G:\4-2-3\boosters-sections-DETAILS.dwg



SCALE: 1" = 15'-0"



PROTON IMPROVEMENT PLAN - II
SECTION SHEET - 1



PIP-II

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DRAWING NO.
A-35

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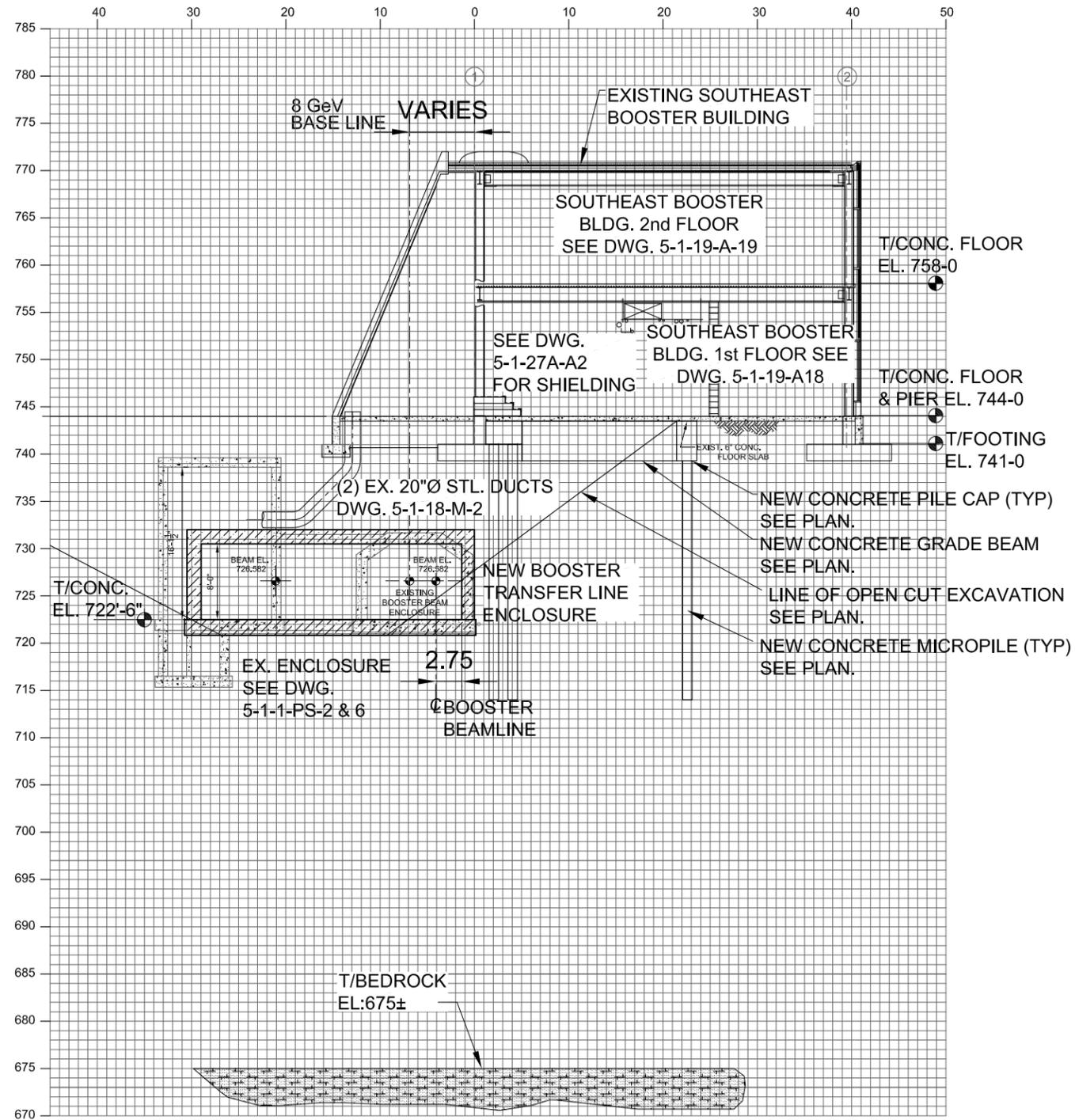
SECTION

SCALE: 1" = 15'



A-25, A-26 & A-27

Oct 21, 2016 - 10:11am G:\4-2-3\boosterssections-DETAILS.dwg



SCALE: 1" = 15'-0"



PROTON IMPROVEMENT PLAN - II
SECTION SHEET - 2



PIP-II

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DRAWING NO.
A-36

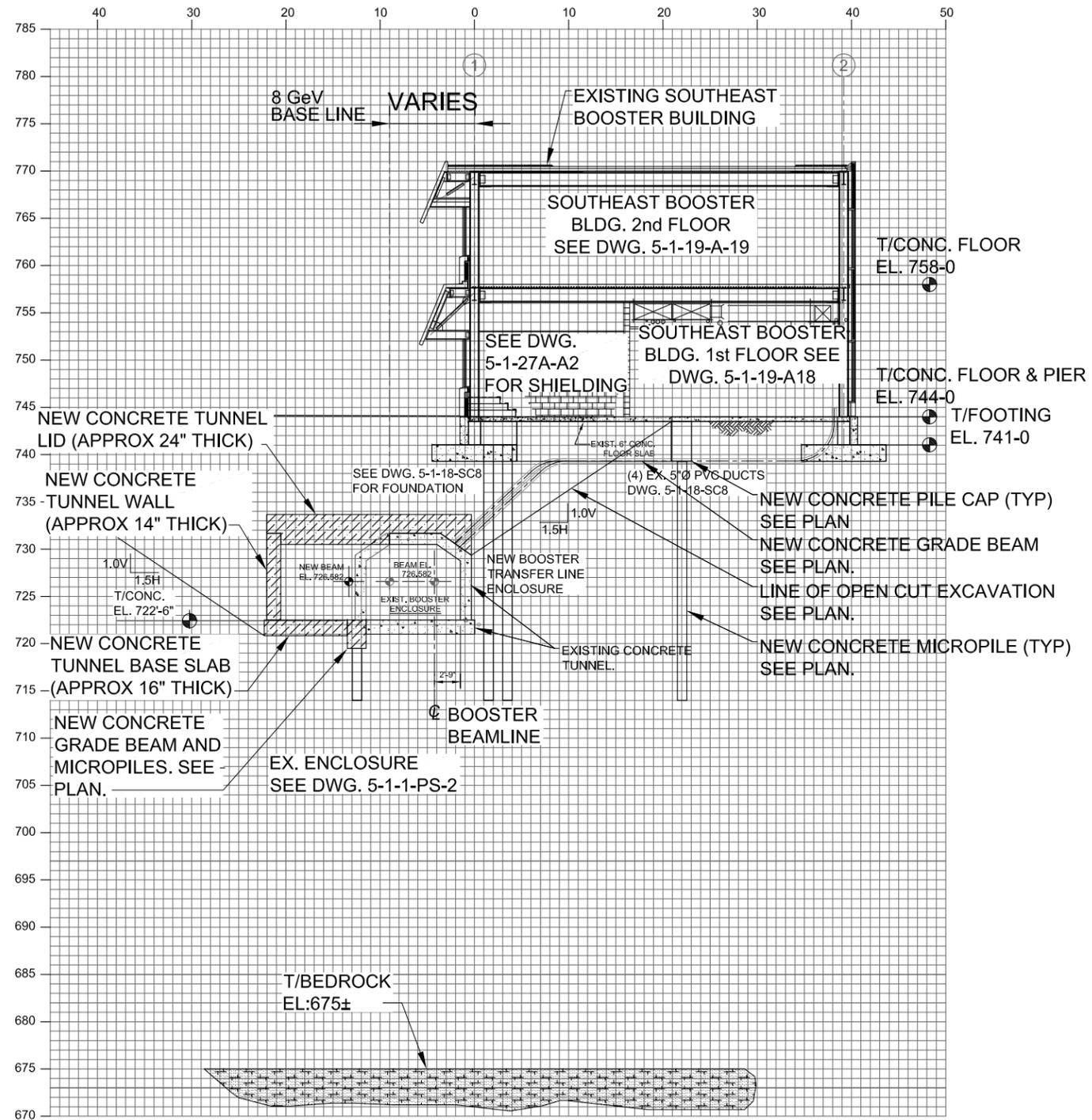
ASSUME THIS BUILDING IS UNOCCUPIED DURING CONSTRUCTION

SECTION

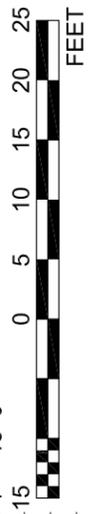
SCALE: 1" = 15'

M

A-25, A-26 & A-27



SCALE:
1" = 15'-0"



PROTON IMPROVEMENT PLAN - II
 SECTION SHEET - 3

ASSUME THIS BUILDING IS UNOCCUPIED DURING CONSTRUCTION

SECTION

SCALE: 1" = 15'

N
A-25, A-26 & A-27



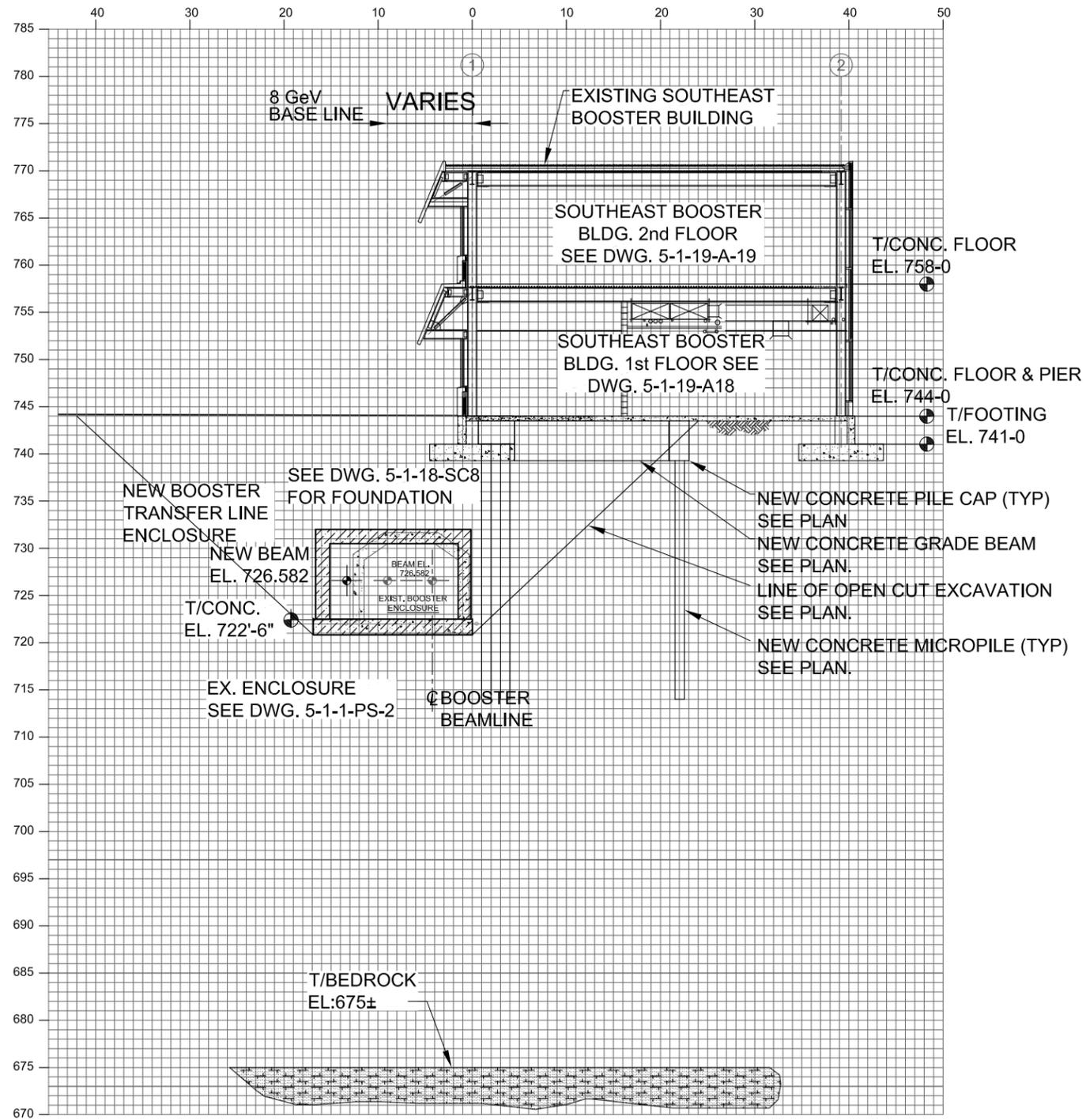
PIP-II

DATE
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PROJECT NO.
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DRAWING NO.
A-37

Oct 21, 2016 - 10:11am G:\4-2-3\boosters-sections-DETAILS.dwg



SCALE: 1" = 15'-0"



PROTON IMPROVEMENT PLAN - II
SECTION SHEET - 4

SECTION

SCALE: 1" = 15'

O
A-25, A-26 & A-27

ASSUME THIS BUILDING IS UNOCCUPIED DURING CONSTRUCTION

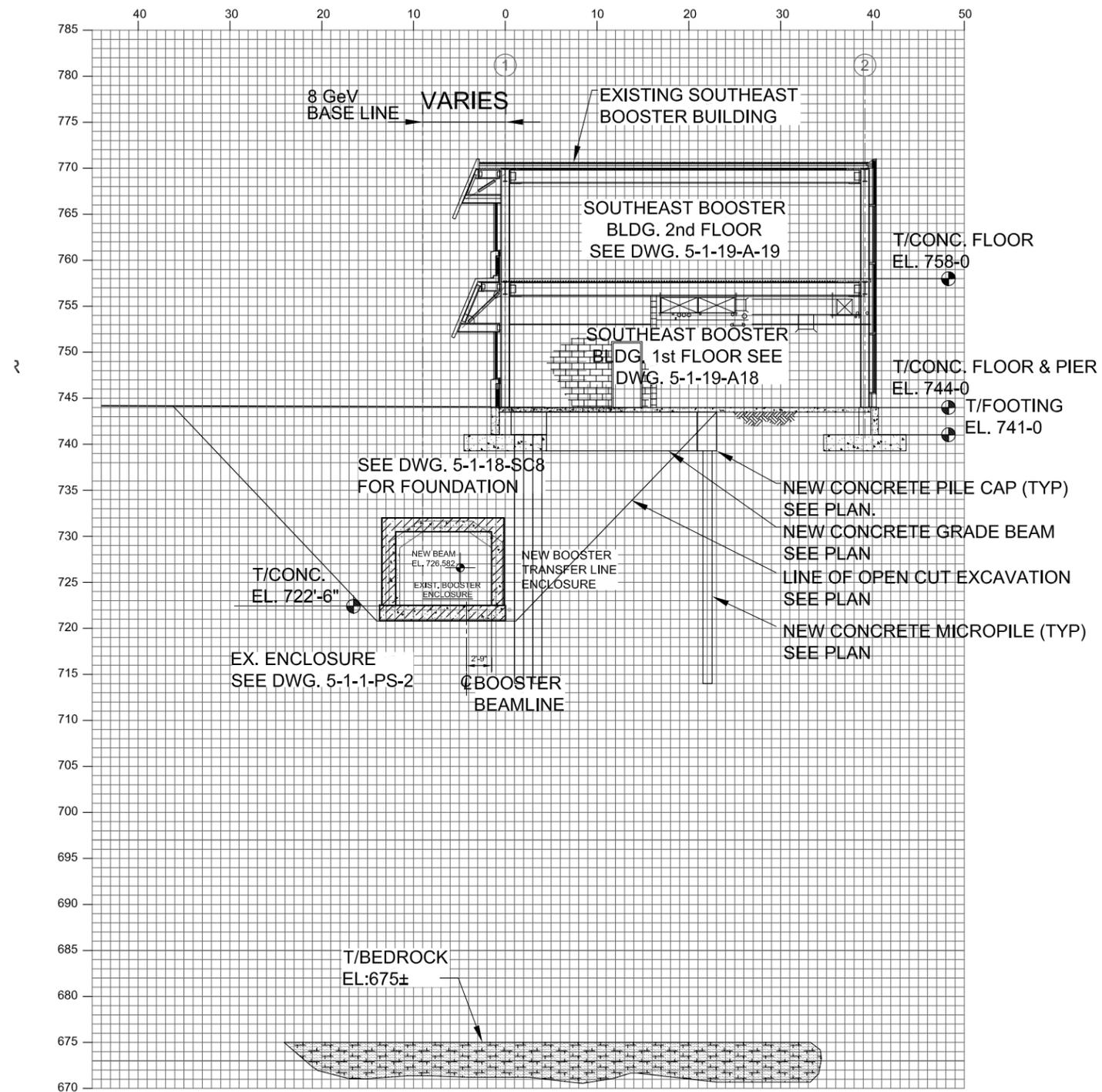


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PROJECT NO.
4-2-3

DRAWING NO.
A-38

Oct 21, 2016 - 10:12am G:\4-2-3\boosters\sections-DETAILS.dwg



SCALE: 1" = 15'-0"



PROTON IMPROVEMENT PLAN - II
SECTION SHEET - 5

SECTION

SCALE: 1" = 15'

P
A-25, A-26 & A-27

ASSUME THIS BUILDING IS UNOCCUPIED DURING CONSTRUCTION



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DRAWING NO.
A-39