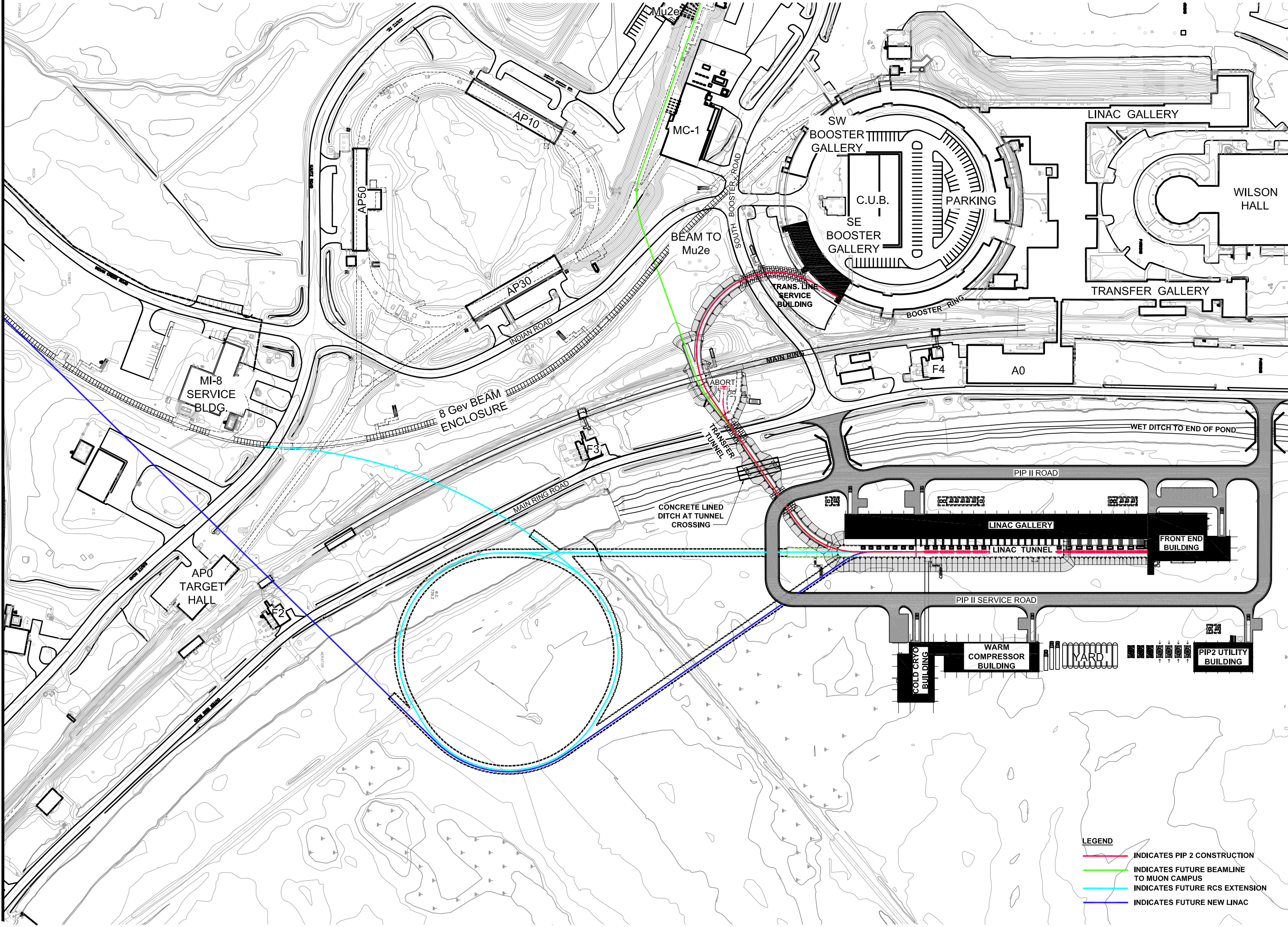
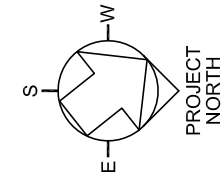


Oct 21, 2016 - 9:28am G:\4-2-3\pip2-NEW BEAM 20may2016_FUTURE BEAMS.dwg



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

SCALE:



PROTON IMPROVEMENT PLAN - II

FUTURE BEAMLINES SITE PLAN



PIP-II

DATE

28 OCT., 2016

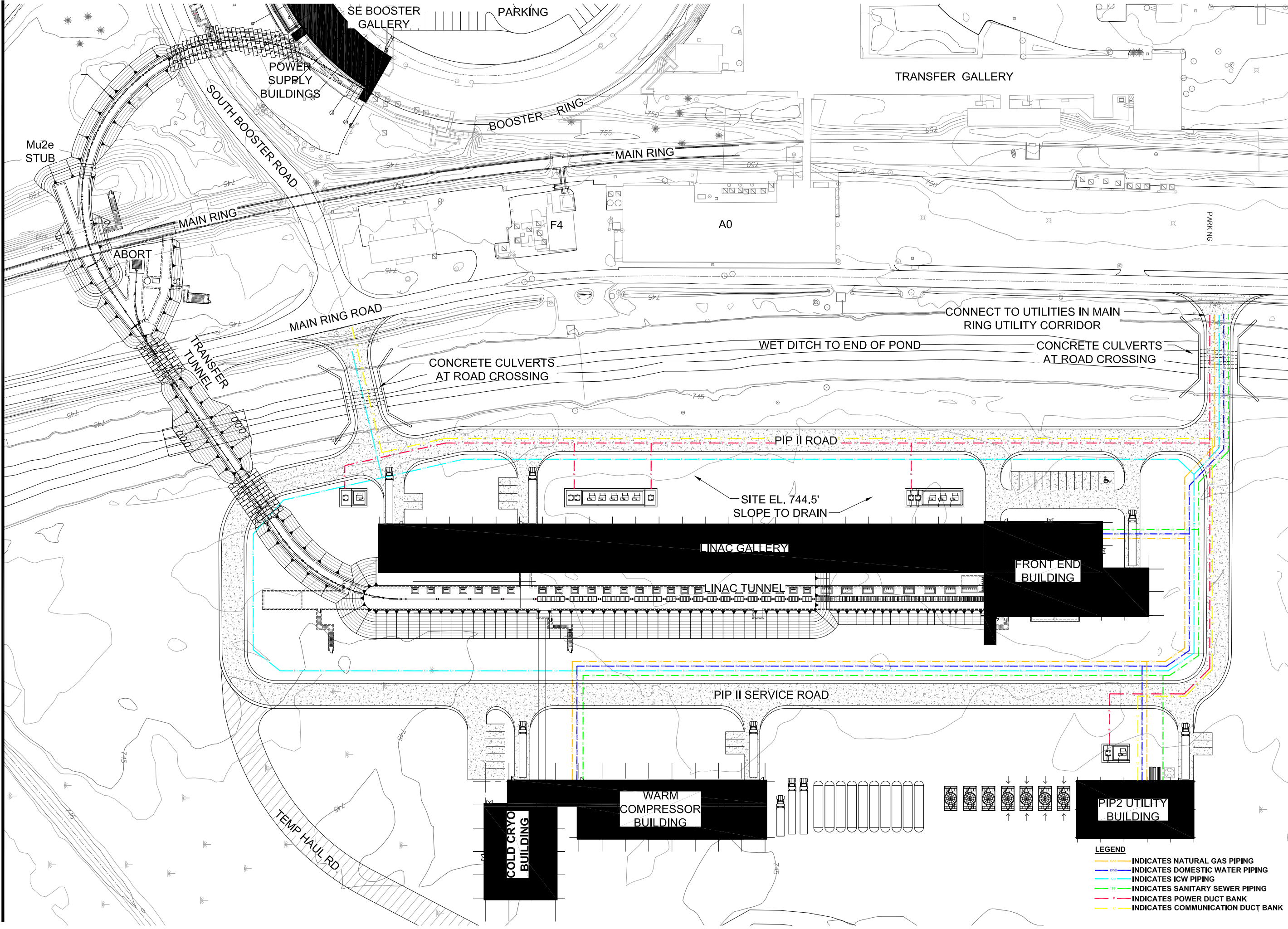
PROJECT NO.

4-2-3

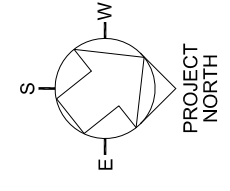
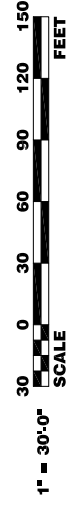
DRAWING NO.

C-2

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



SCALE:



PROTON IMPROVEMENT PLAN - II

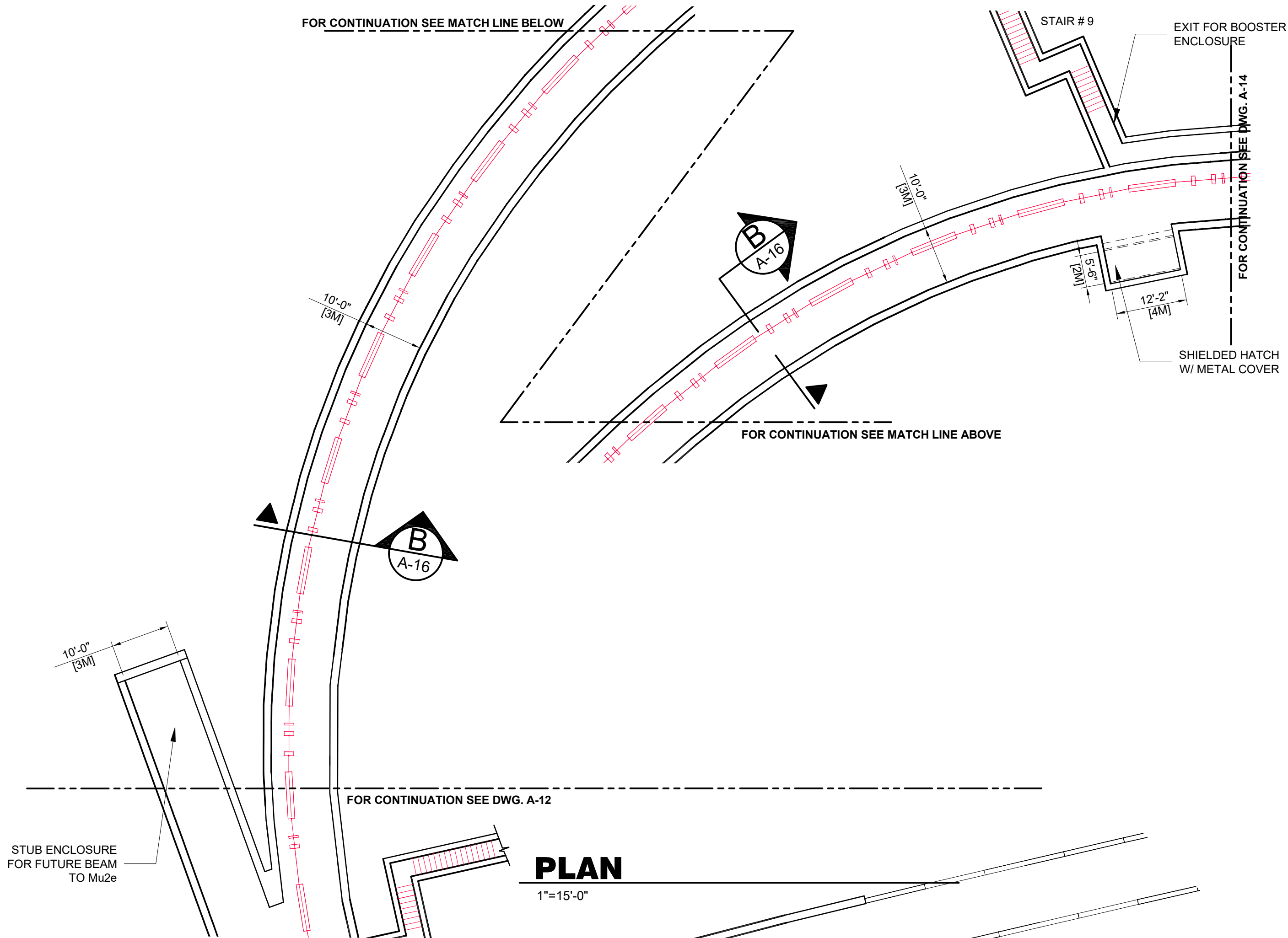
SITE UTILITIES PLAN



DATE
28 OCT., 2016

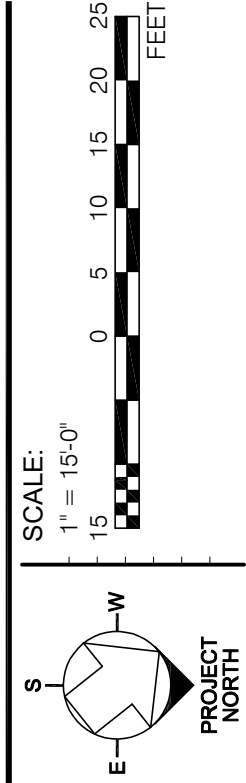
PROJECT NO.
4-2-3

DRAWING NO.
C-6



PLAN

1"=15'-0"



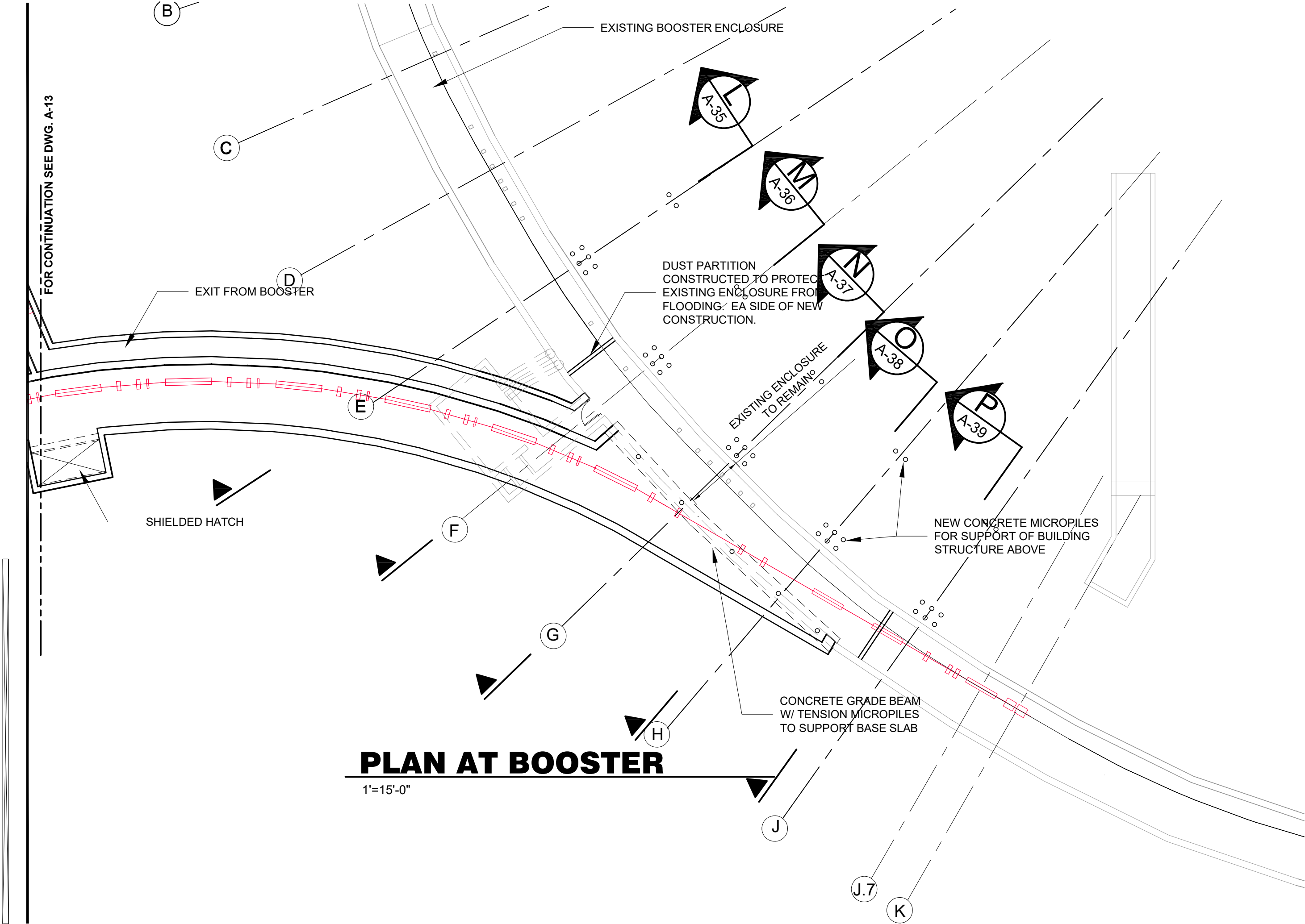
PROTON IMPROVEMENT PLAN II
TRANSPORT ENCLOSURE PLAN - SHEET 4



DATE
28 OCT. 2016

PROJECT NO.
4-2-3

DRAWING NO.
A-13



FOR CONTINUATION SEE DWG. A-13

EXISTING BOOSTER ENCLOSURE

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

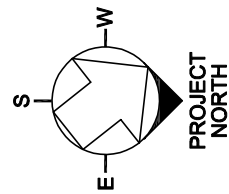
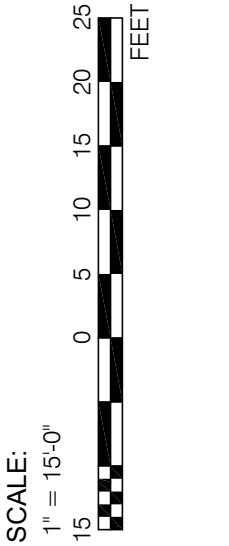
CONCRETE GRADE BEAM
W/ TENSION MICROPILES
TO SUPPORT BASE SLAB

SHIELDED HATCH

EXIT FROM BOOSTER

PLAN AT BOOSTER

1"=15'-0"



PROTON IMPROVEMENT PLAN II

TRANSFER ENCLOSURE PLAN - SHEET 5



PIP-II
616-II

DATE

28 OCT. 2016

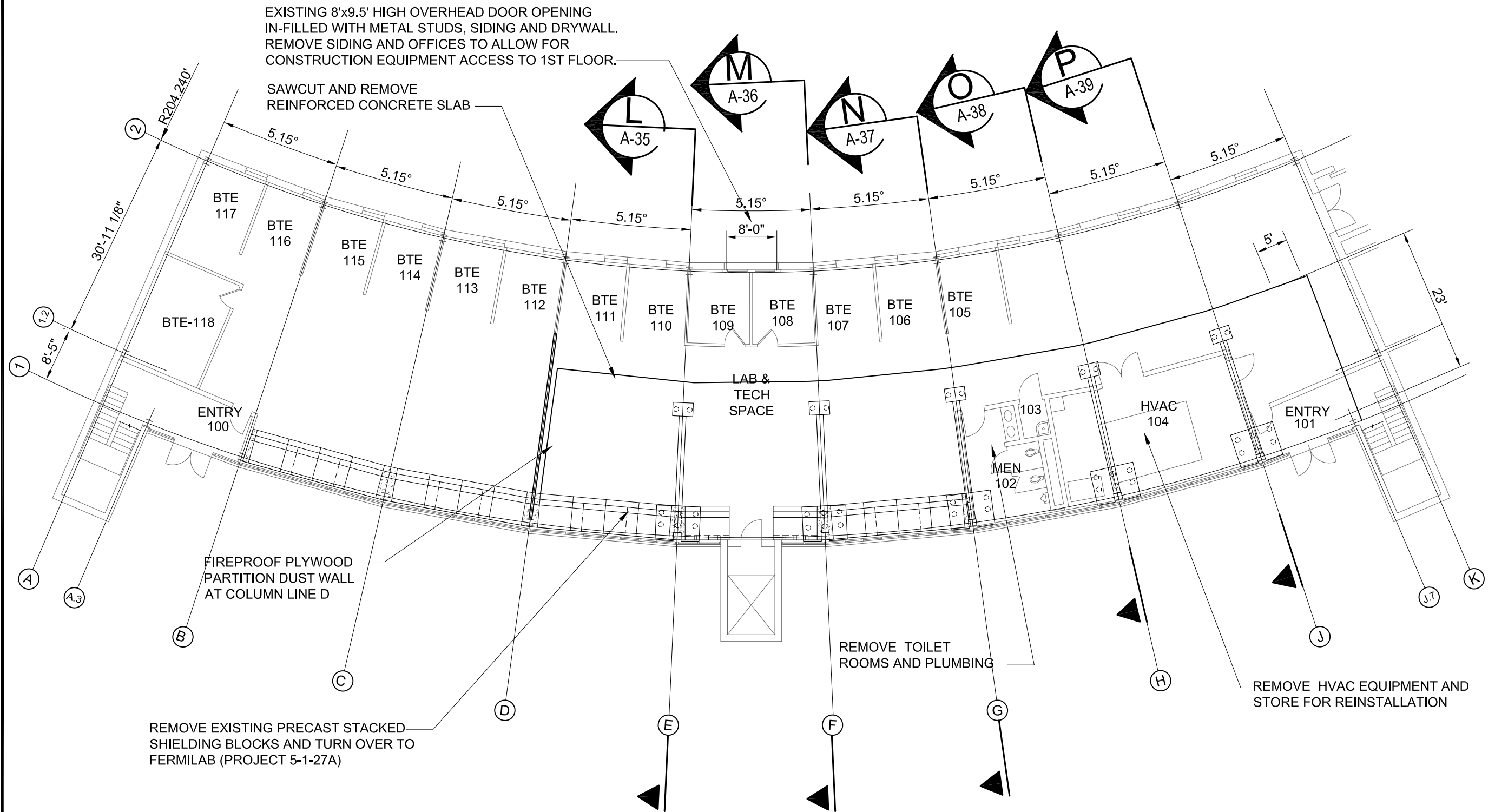
PROJECT NO.

4-2-3

DRAWING NO.

A-14

Oct 21, 2016 - 9:44am G:\4-2-3\A-25_4-2-3.dwg

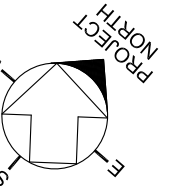
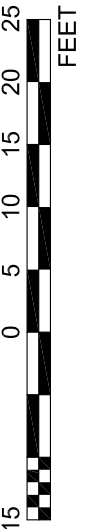


ASSUME THIS BUILDING
IS UNOCCUPIED DURING
CONSTRUCTION

DEMO PLAN - EAST BOOSTER TOWER

1" = 15'

SCALE:
1" = 15'-0"



PROTON IMPROVEMENT PLAN - II
SOUTHEAST BOOSTER BUILDING - DEMO PLAN

Fermilab

PIP-II

DATE

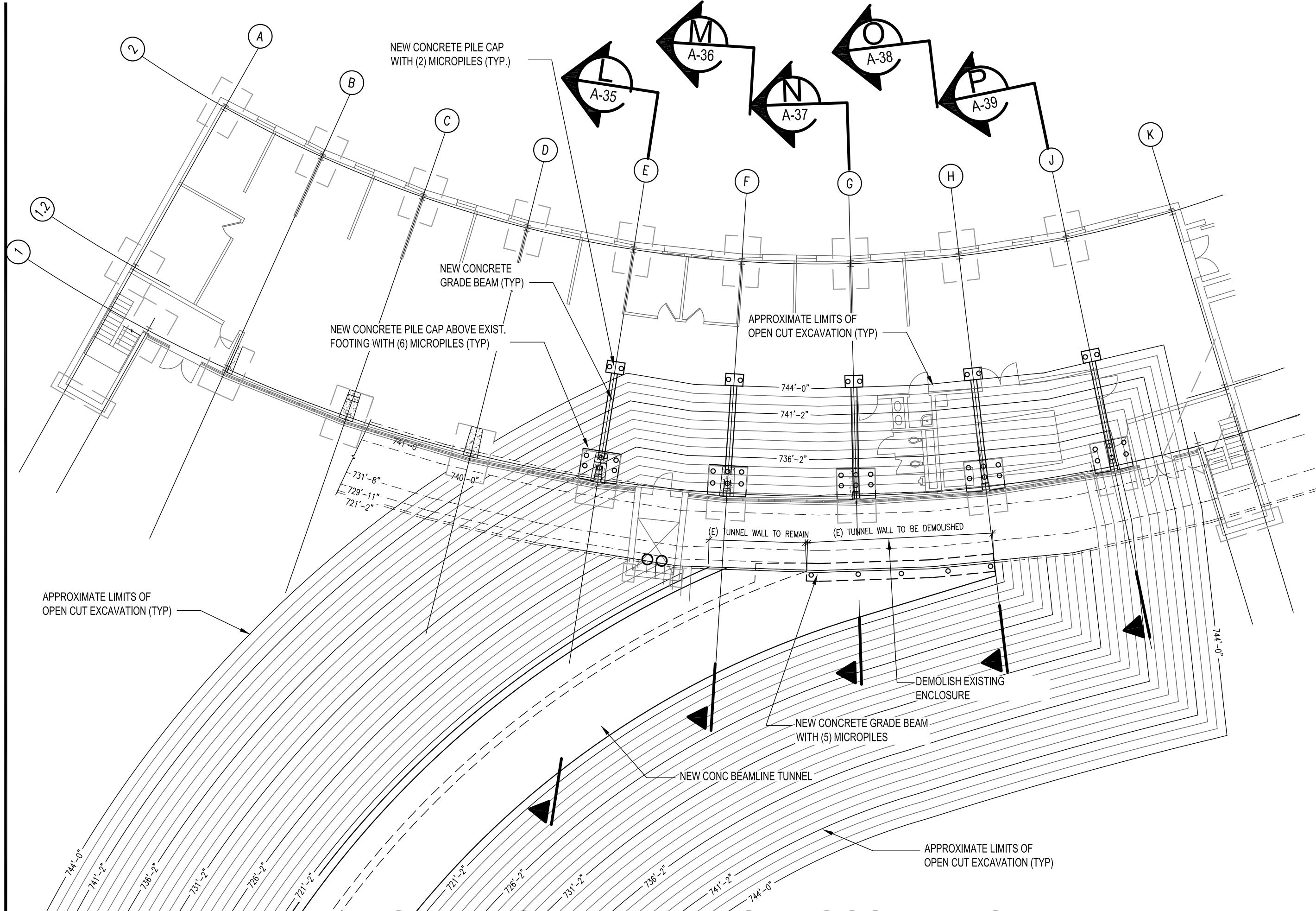
28 OCT. 2016

PROJECT NO.

4-2-3

DRAWING NO.

A-25



EXCAVATION PLAN - EAST BOOSTER TOWER

1" = 15'

SCALE: 1" = 15'-0"

FEET

PROJECT NORTH

PROTON IMPROVEMENT PLAN - II

SOUTHEAST BOOSTER BUILDING - EXCAVATION PLAN

PIP-II

DATE

28 OCT. 2016

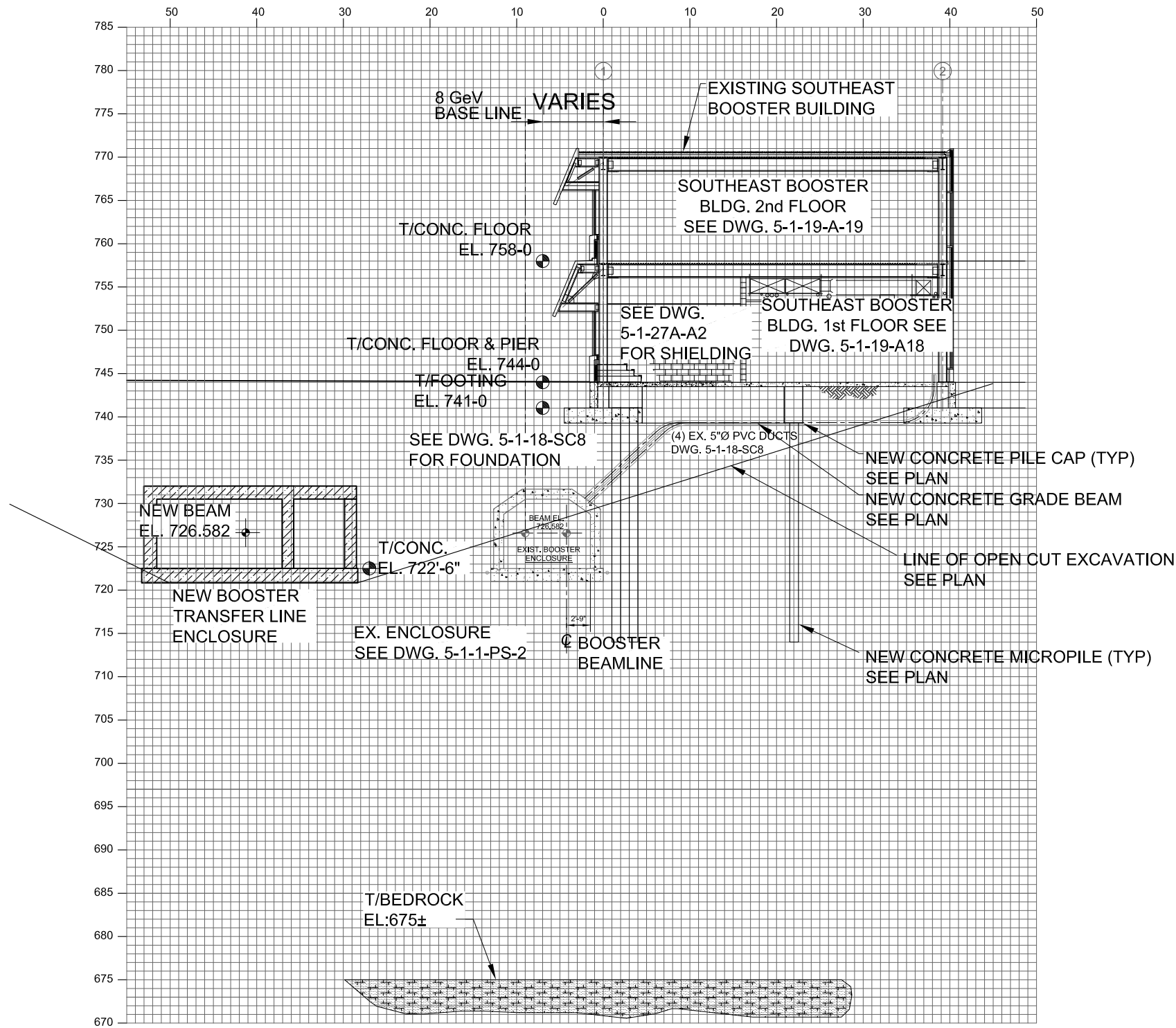
PROJECT NO.

4-2-3

DRAWING NO.

A-26

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



SECTION

SCALE: 1" = 15'

L

A-25, A-26 & A-27

ASSUME THIS BUILDING
IS UNOCCUPIED DURING
CONSTRUCTION

SCALE:
1" = 15'-0"



PROTON IMPROVEMENT PLAN - II

SECTION SHEET - 1



PIP-II

DATE

28 OCT. 2016

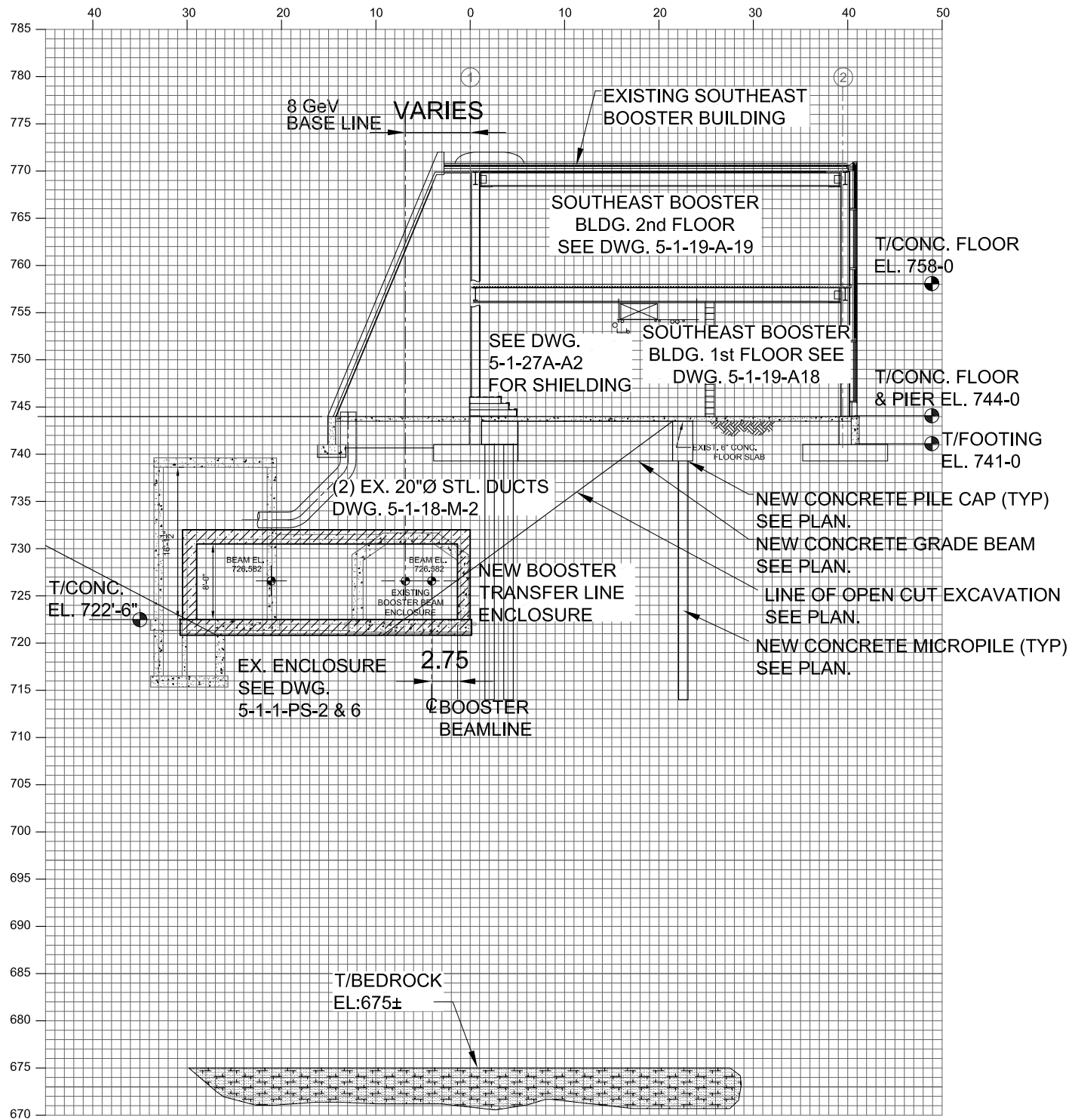
PROJECT NO.

4-2-3

DRAWING NO.

A-35

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



SECTION

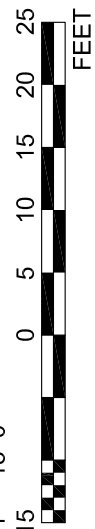
SCALE: 1" = 15'

M

A-25, A-26 & A-27

ASSUME THIS BUILDING
IS UNOCCUPIED DURING
CONSTRUCTION

SCALE:
1" = 15'-0"



PROTON IMPROVEMENT PLAN - II

SECTION SHEET - 2



PIP-II

DATE

28 OCT. 2016

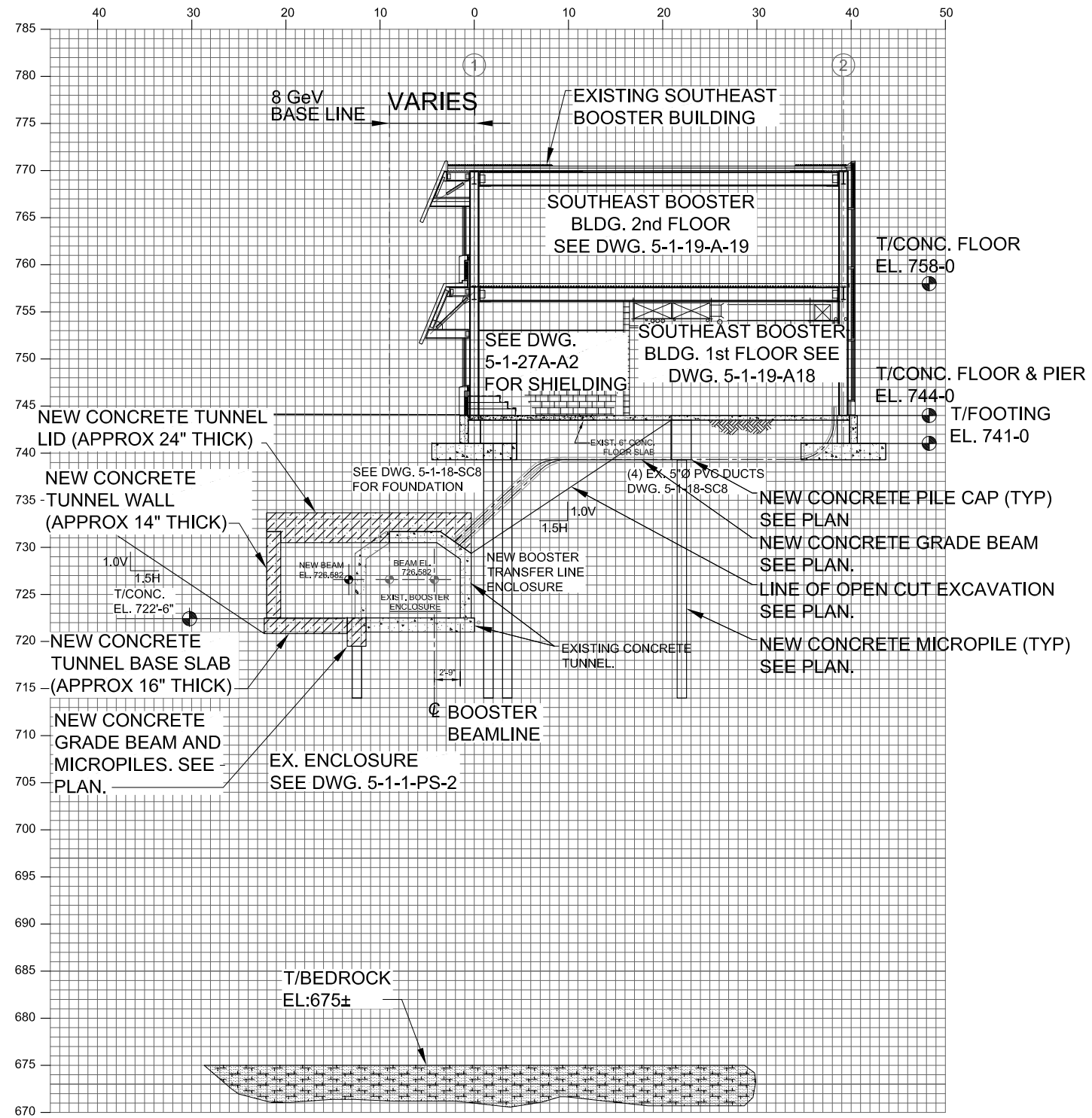
PROJECT NO.

4-2-3

DRAWING NO.

A-36

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



SECTION

SCALE: 1" = 15'

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

ASSUME THIS BUILDING
IS UNOCCUPIED DURING
CONSTRUCTION

SCALE:
1" = 15'-0"



PROTON IMPROVEMENT PLAN - II

SECTION SHEET - 3



PIP-II

DATE

28 OCT. 2016

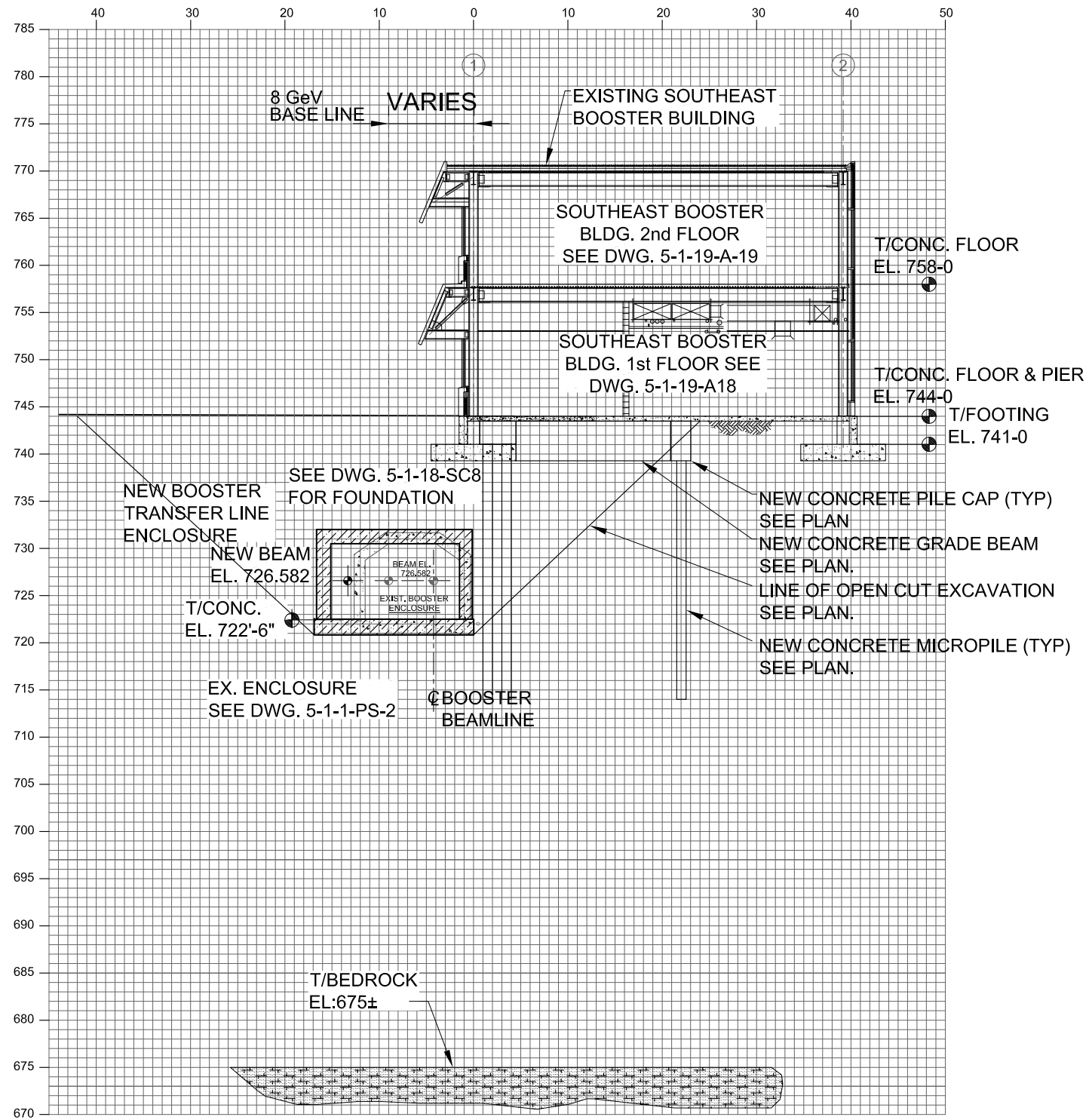
PROJECT NO.

4-2-3

DRAWING NO.

A-37

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



SECTION

SCALE: 1" = 15'

A-25, A-26 & A-27

ASSUME THIS BUILDING
IS UNOCCUPIED DURING
CONSTRUCTION

SCALE:
1" = 15'-0"



PROTON IMPROVEMENT PLAN - II

SECTION SHEET - 4



PIP-II

DATE

28 OCT. 2016

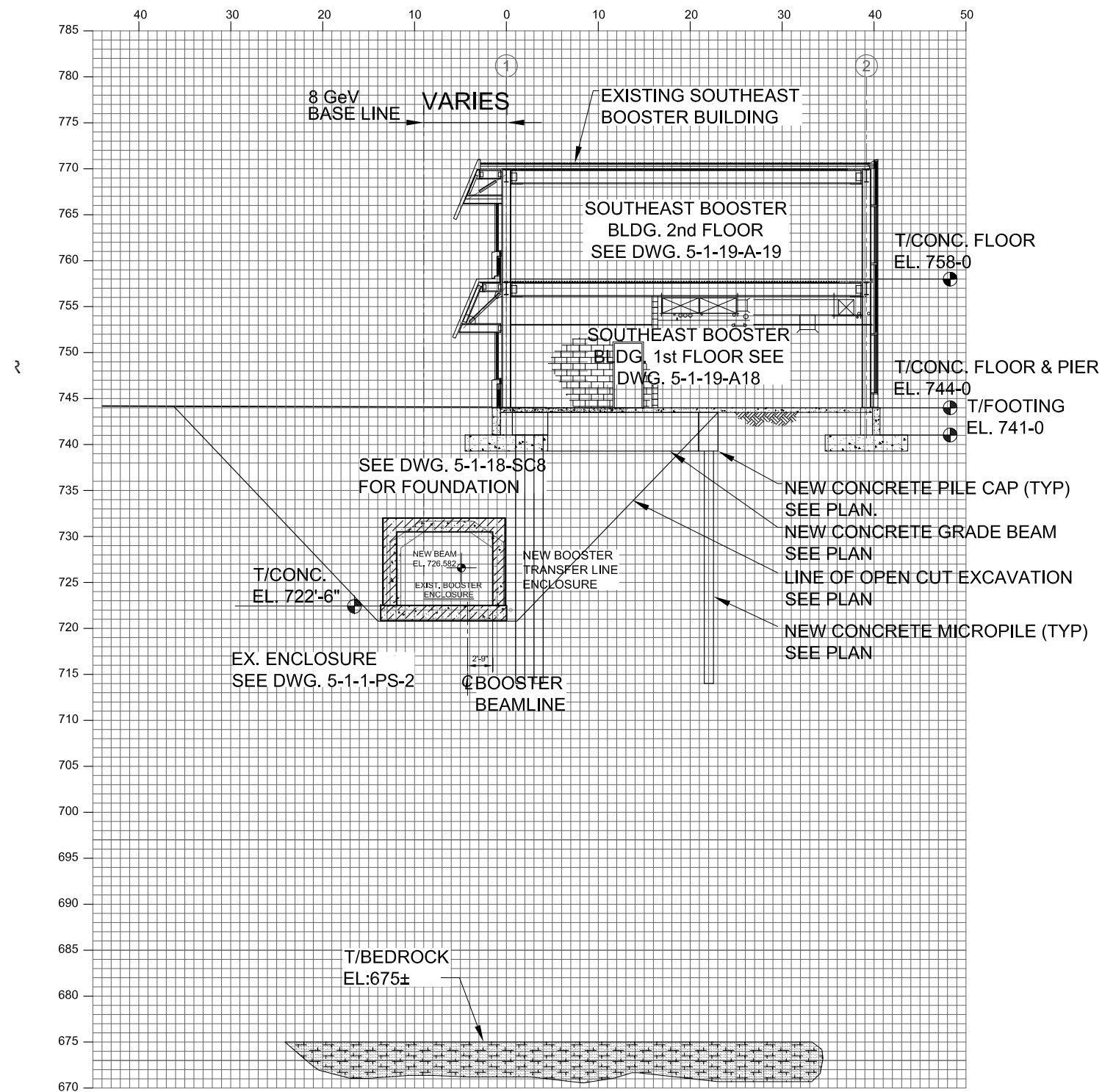
PROJECT NO.

4-2-3

DRAWING NO.

A-38

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



SECTION

SCALE: 1" = 15'

A-25, A-26 & A-27

ASSUME THIS BUILDING
IS UNOCCUPIED DURING
CONSTRUCTION

SCALE:
1" = 15'-0"



PROTON IMPROVEMENT PLAN - II

SECTION SHEET - 5



PIP-II

DATE

28 OCT. 2016

PROJECT NO.

4-2-3

DRAWING NO.

A-39