KAUTZ ROAD

SOUTH BOOSTER ROAD

BOOSTER BUILDING

LINAC BUILDING

24" RCP

CIVIL / TOPO Invert 24" Dia. 739.79

CIVIL / TOPO Invert 24" Dia. 740.29

CIVIL / TOPO Invert 24" Dia. 740.25

CIVIL / TOPO Invert 16" Dia. 741.59

CIVIL / TOPO Invert 12" Dia. 741.48

CIVIL / TOPO Invert 12" Dia. 741.38

CIVIL / TOPO Invert 12" Dia. 745.30

CIVIL / TOPO Invert 12" Dia. 742.46

CIVIL / TOPO BENCH MARK 746.03

CIVIL / TOPO Invert 12" Dia. 742.05

CIVIL / TOPO Invert 12" Dia. 742.04

CIVIL / TOPO Invert 745.17

N= 99474.8 E= 99280.3

N= 99474.8 E= 99345.8

N= 99517.9 E= 99345.8

N= 99591.1 E= 99407.4

N= 99269.3 E= 99389.6

N= 99257.1 E= 99411.8

24" O.D. DISCHARGE PIPE INV. EL. 737.0 (E)

4" D.I. PD (E)

2" ICW (E)

(4" COMM DUCTS)

(3" DWS)

(1 1/2" GAS)

(6" ICW)

(EXIST. 10" ICW)

(EXIST. 4" GAS)

(EXIST. 6" DWS)

EXISTING TRANSFORMERS

EXIST CONC

F/F=744.0

E99,250

E99,500

N99,250

N99,500

N99,750

745

750

755

760

REV.	DATE	DESCRIPTIONS
		REVISIONS

	NAME	DATE
DESIGNED		
DRAWN	R. ALBER	
CHECKED		
APPROVED		
SUBMITTED		

PROJECT NORTH

SCALE:

1" = 20'-0"

20 0 20 40

SCALE FEET

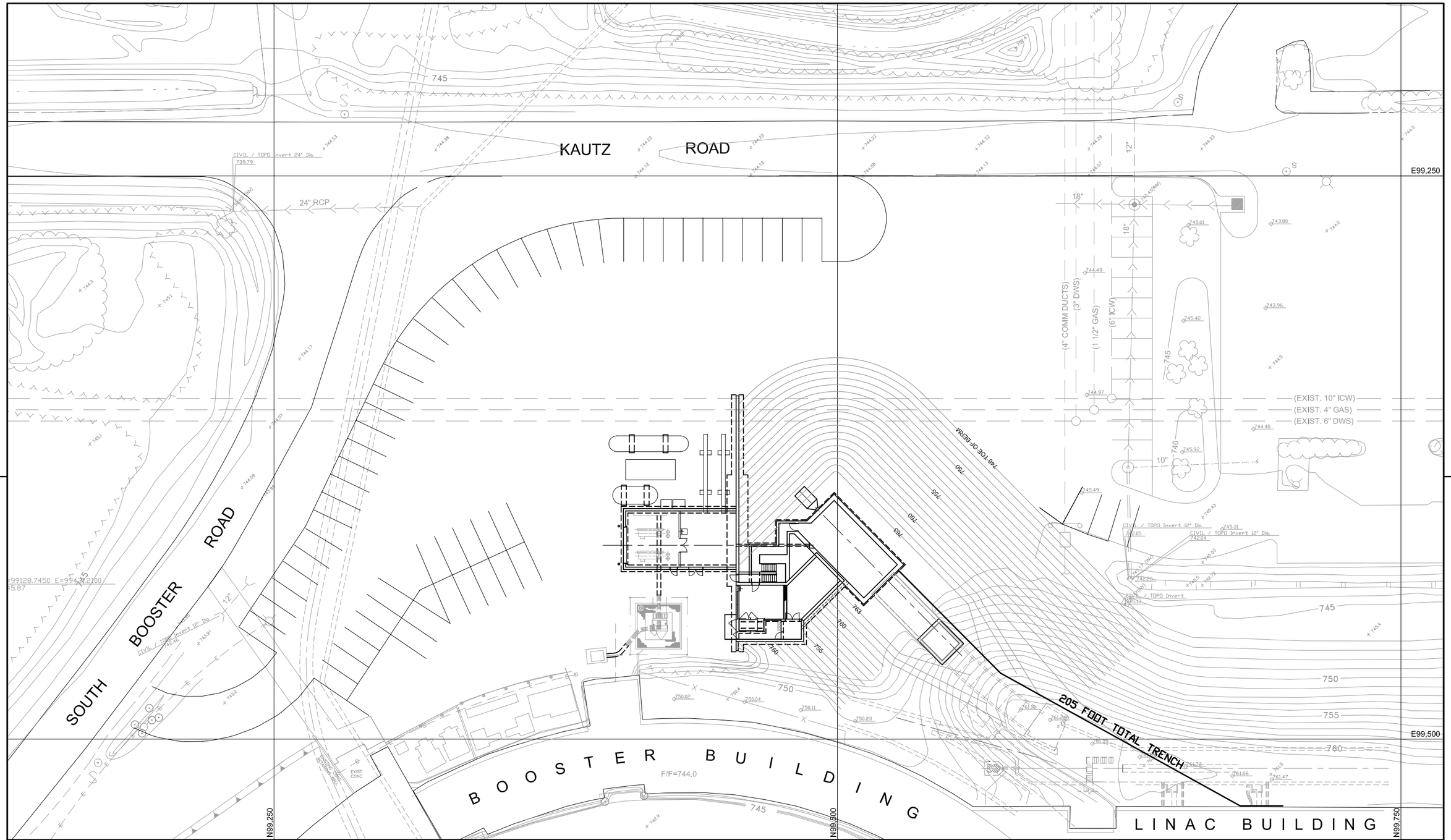
FERMI NATIONAL ACCELERATOR LABORATORY

UNITED STATES DEPARTMENT OF ENERGY

MuCOOL ENCLOSURE

EXISTING SITE PLAN

DRAWING NO. **4-1-35** **C-1** REV.



REV.	DATE	DESCRIPTIONS
		REVISIONS

	NAME	DATE
DESIGNED		
DRAWN	R. ALBER	
CHECKED		
APPROVED		
SUBMITTED		

PROJECT NORTH

SCALE:

1" = 20'-0"

20 0 20 40
SCALE FEET

FERMI NATIONAL ACCELERATOR LABORATORY

UNITED STATES DEPARTMENT OF ENERGY

MuCOOL ENCLOSURE

NEW SITE PLAN

DRAWING NO. **4-1-35** **C-2** REV.

KAUTZ ROAD

BOOSTER ROAD

BOOSTER BUILDING

LINAC BUILDING

TREE TO BE REMOVED BY OTHERS, TYPICAL

LIGHT TO REMAIN

18" CULVERT TO BE REMOVED

CONSTRUCTION STAGING AREA PAVEMENT REMOVAL 2540 S.Y.

N= 99474.8 E= 99280.3

CONSTRUCTION FENCE 630 L.F.

N= 99474.8 E= 99315.2

N= 99512.4 E= 99315.2

SAWCUT EXIST. PAV'T. 204 L.F.

24" RCP

24"Ø D.I. DISCHARGE PIPE INV. EL. 737.0 (E)

SAWCUT EXIST. PAV'T. 25 L.F.

N= 99269.3 E= 99389.6

N= 99257.1 E= 99411.8

18" CULVERT TO BE REMOVED

MON. WELL TO REMAIN

LIGHT TO BE RELOCATED

LIGHT TO BE RELOCATED

N= 99600.7 E= 99405.0

SIDEWALK REMOVAL 234 S.F.

LIGHT TO REMAIN

CONSTRUCTION STAGING AREA PAVEMENT REMOVAL 770.2 S.Y.

DEMOLISH AND REMOVE PRECAST 'L' SHAPE STRUCTURE AND SLAB

EXIST. CONC. LINAC ACCESS

LIGHT TO REMAIN

GUARDRAIL TO REMAIN

ACCESS DOORS CONSTRUCTION AREA SIGNAGE REQUIRED

EXISTING TRANSFORMERS

EXISTING TRANSFORMERS

F/F=744.0

(EXIST. 10" ICW)

(EXIST. 4" GAS)

(EXIST. 6" DWS)

(4" COMM DUCTS) (3" DWS)

(1 1/2" GAS)

(6" ICW)

CIVIL / TOPO BENCH MARK

E99,500

N99,250

N99,500

N99,750

LEGEND

LIMITS OF PAVEMENT REMOVAL HATCHING	
EXISTING CONCRETE SIDEWALK TO BE REMOVED	
EXISTING CULVERT TO BE REMOVED	
TREE TO BE REMOVED	
EXISTING PAVED AREA	
EXISTING TURF AREA	
EXISTING LIGHT	

REV.	DATE	DESCRIPTIONS

REVISIONS

	NAME	DATE
DESIGNED		
DRAWN	R. ALBER	
CHECKED		
APPROVED		
SUBMITTED		

PROJECT NORTH

SCALE:

1" = 20'-0"

20 0 20 40

SCALE FEET

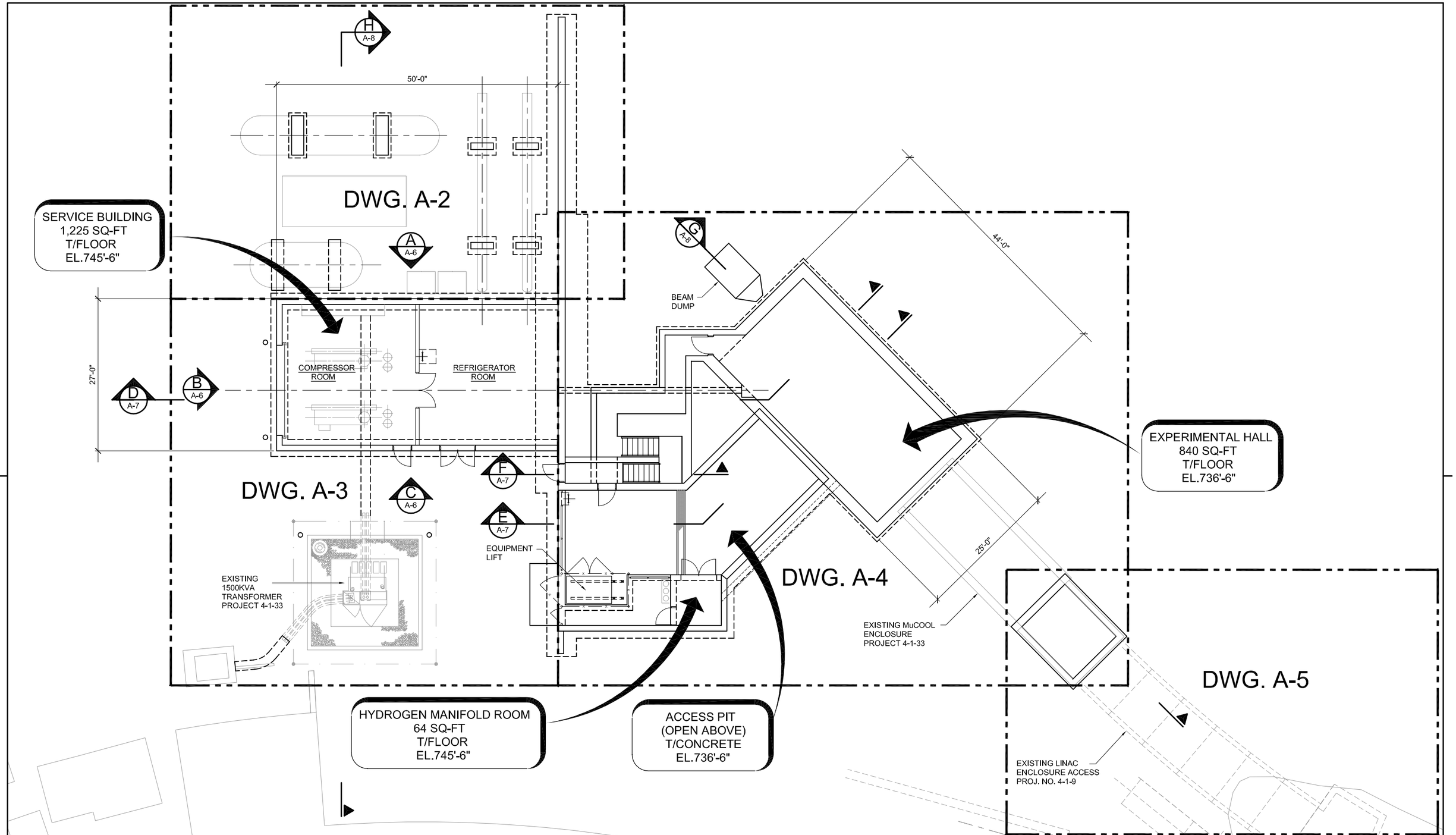
FERMI NATIONAL ACCELERATOR LABORATORY

UNITED STATES DEPARTMENT OF ENERGY

MuCOOL ENCLOSURE

EXISTING SITE PLAN W/ DEMOLITION

DRAWING NO. 4-1-35 D-1 REV.



REV.	DATE	DESCRIPTIONS
		REVISIONS

	NAME	DATE
DESIGNED		
DRAWN	R. Alber	
CHECKED		
APPROVED		
SUBMITTED		

W
S
E
PROJECT NORTH

SCALE:

1/8"= 1'-0" 8 0 8 16 SCALE FEET

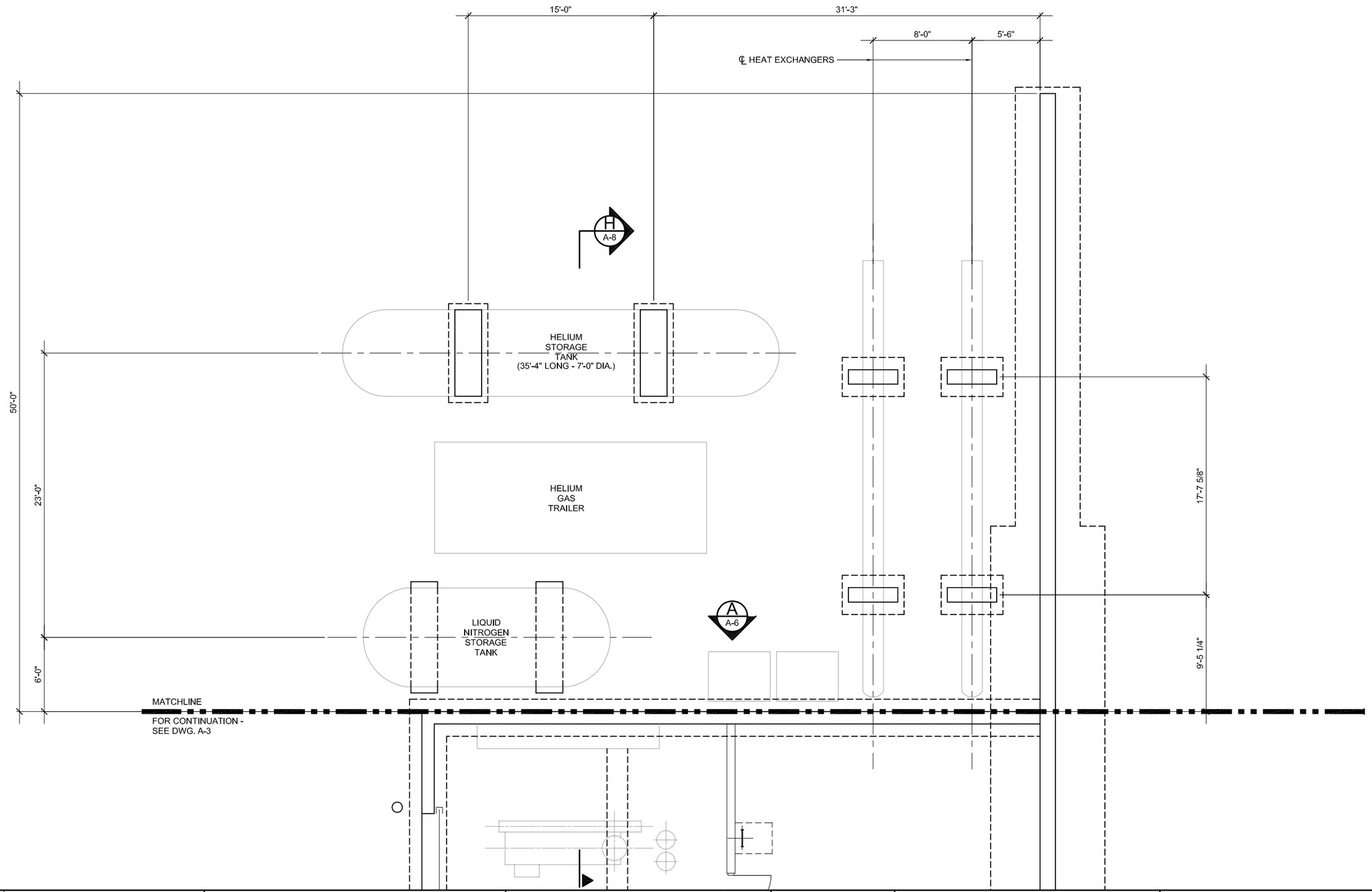
FERMI NATIONAL ACCELERATOR LABORATORY

UNITED STATES DEPARTMENT OF ENERGY

MuCOOL ENCLOSURE

OVERALL ARCHITECTURAL PLAN

DRAWING NO. **4-1-35** **A-1** REV.



REV.	DATE	DESCRIPTIONS

REVISIONS

	NAME	DATE
DESIGNED		
DRAWN	R. Alber	
CHECKED		
APPROVED		
SUBMITTED		

PROJECT NORTH (W, S, E)

SCALE:
1/4"=1'-0"
4 0 4 8
SCALE FEET

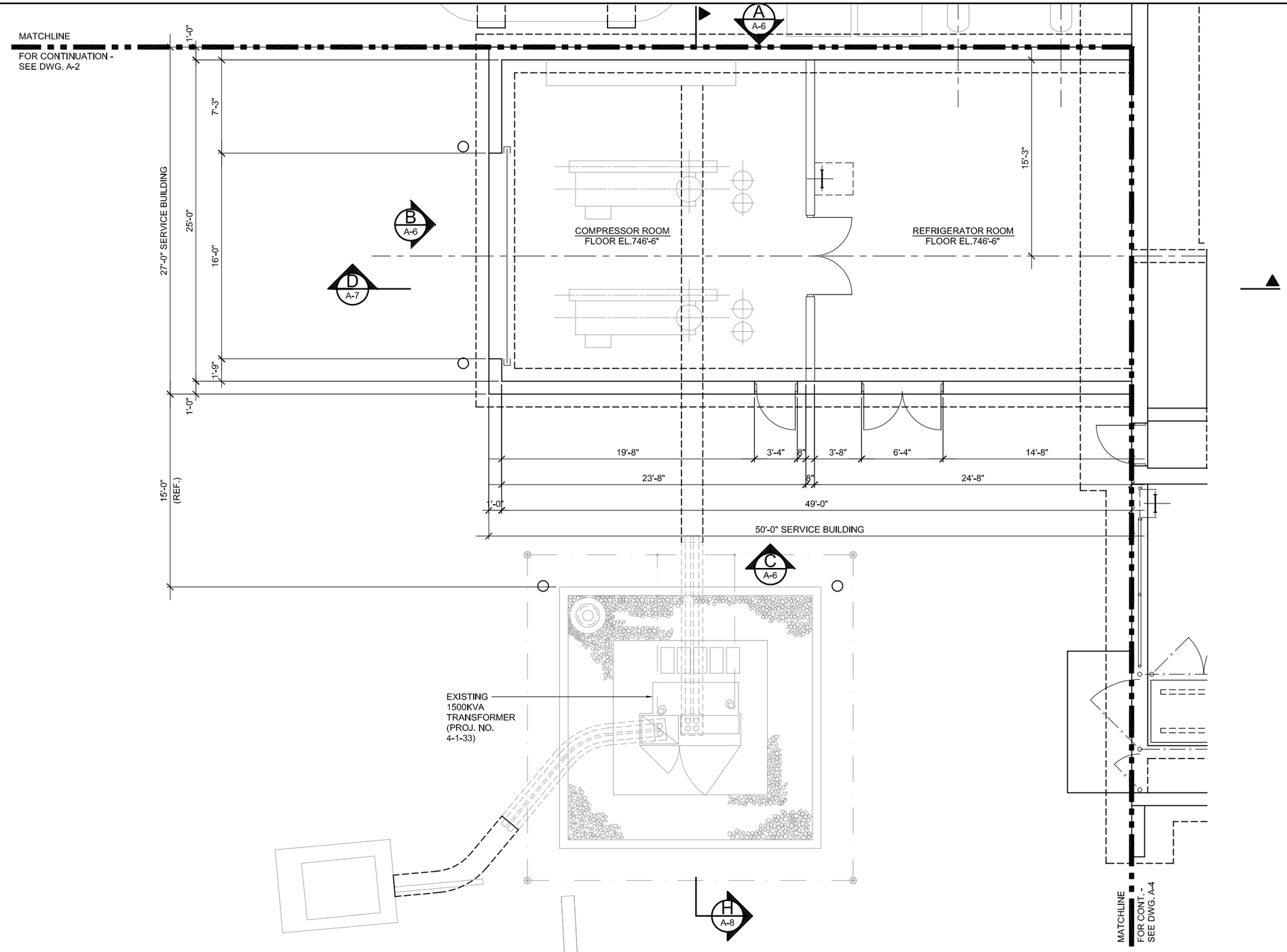
FERMI NATIONAL ACCELERATOR LABORATORY

UNITED STATES DEPARTMENT OF ENERGY

MuCOOL ENCLOSURE

ENLARGED PLAN - SHEET 1 OF 4

DRAWING NO. **4-1-35** **A-2** REV.



REV.	DATE	DESCRIPTIONS

REVISIONS

	NAME	DATE
DESIGNED		
DRAWN	R. Alber	
CHECKED		
APPROVED		
SUBMITTED		

W S E

PROJECT NORTH

SCALE:

1/4"=1'-0" 4 0 4 8 SCALE FEET

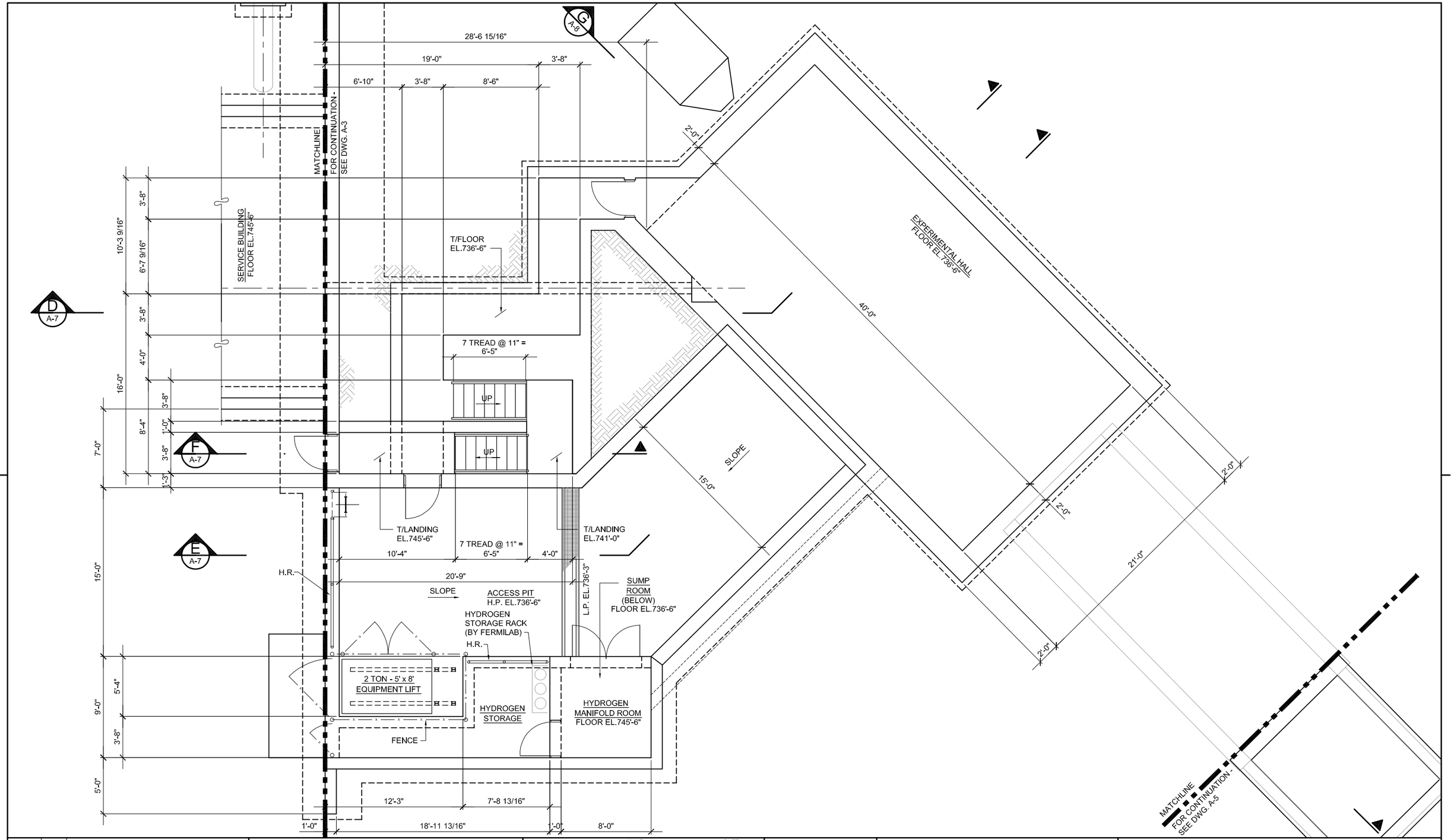
FERMI NATIONAL ACCELERATOR LABORATORY

UNITED STATES DEPARTMENT OF ENERGY

MuCOOL ENCLOSURE

ENLARGED PLAN - SHEET 2 OF 4

DRAWING NO. **4-1-35** **A-3** REV.



REV.	DATE	DESCRIPTIONS

REVISIONS

	NAME	DATE
DESIGNED		
DRAWN	R. Alber	
CHECKED		
APPROVED		
SUBMITTED		

PROJECT NORTH (W, S, E)

SCALE:

1/4"=1'-0" 4 0 4 8 SCALE FEET

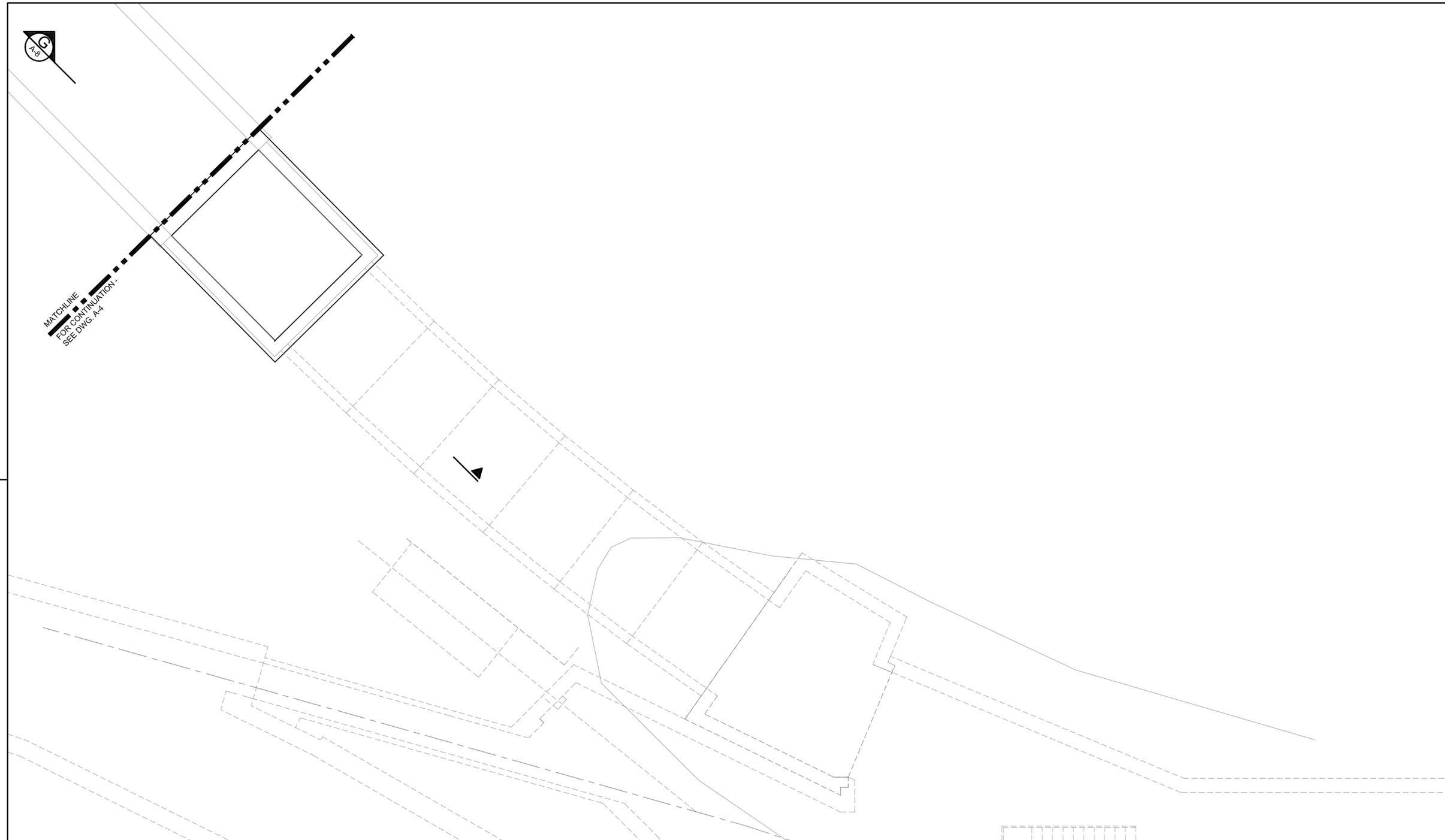
FERMI NATIONAL ACCELERATOR LABORATORY

UNITED STATES DEPARTMENT OF ENERGY

MuCOOL ENCLOSURE

ENLARGED PLAN - SHEET 3 OF 4

DRAWING NO. **4-1-35** **A-4** REV.



REV.	DATE	DESCRIPTIONS

REVISIONS

	NAME	DATE
DESIGNED		
DRAWN	**R. Alber**	
CHECKED		
APPROVED		
SUBMITTED		

W
S
E
PROJECT NORTH

SCALE:

1/4"=1'-0"

4 0 4 8
SCALE FEET

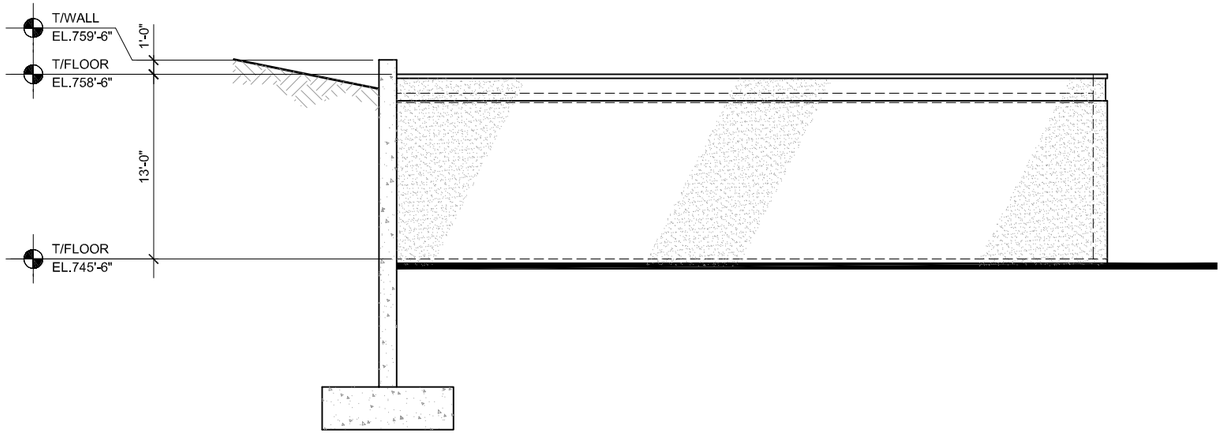
FERMI NATIONAL ACCELERATOR LABORATORY

UNITED STATES DEPARTMENT OF ENERGY

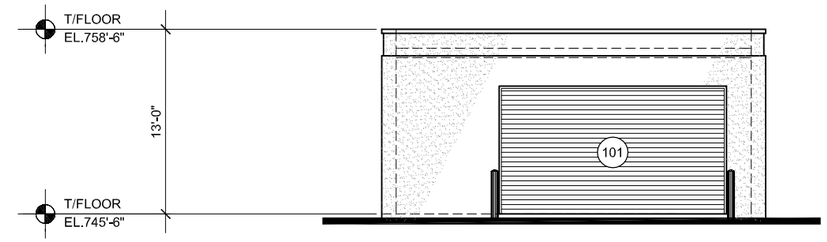
MuCOOL ENCLOSURE

ENLARGED PLAN - SHEET 4 OF 4

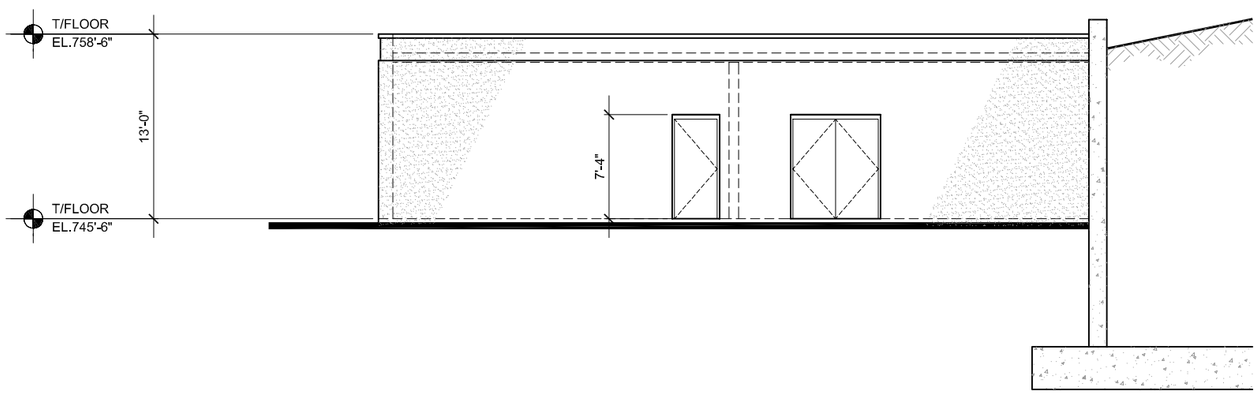
DRAWING NO. **4-1-35** **A-5** REV.



SERVICE BUILDING
WEST ELEVATION A
SCALE: 3/16"=1'-0" A-1, A-2, A-3



SERVICE BUILDING
SOUTH ELEVATION B
SCALE: 3/16"=1'-0" A-1, A-2, A-3



SERVICE BUILDING
EAST ELEVATION C
SCALE: 3/16"=1'-0" A-1, A-2, A-3

REV.	DATE	DESCRIPTIONS

REVISIONS

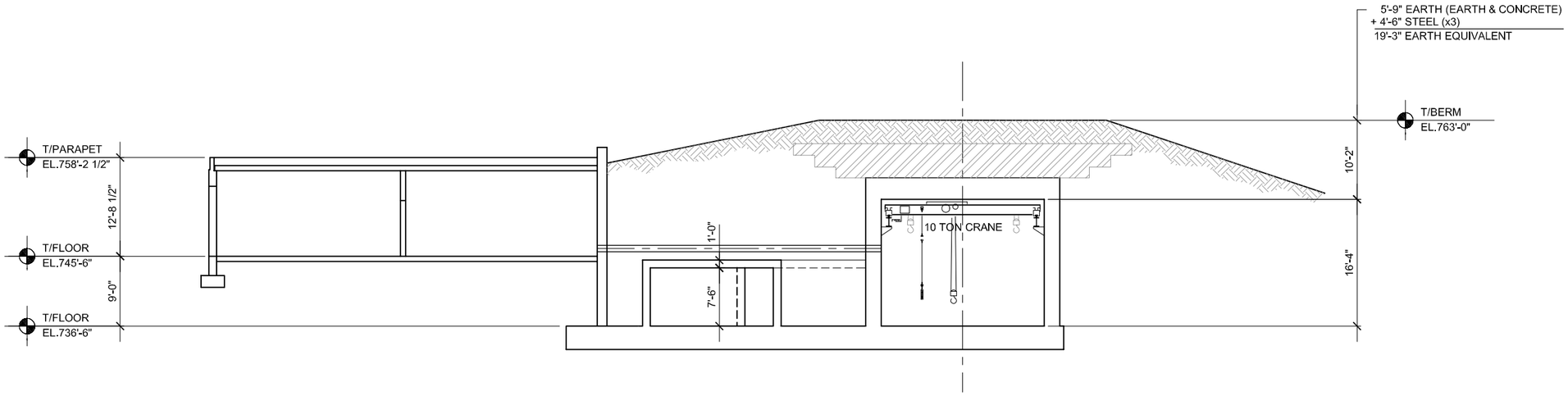
	NAME	DATE
DESIGNED		
DRAWN	R. Alber	
CHECKED		
APPROVED		
SUBMITTED		

SCALE:
3/16"=1'-0"
2 0 2 4 6 8 10 12 14
SCALE FEET

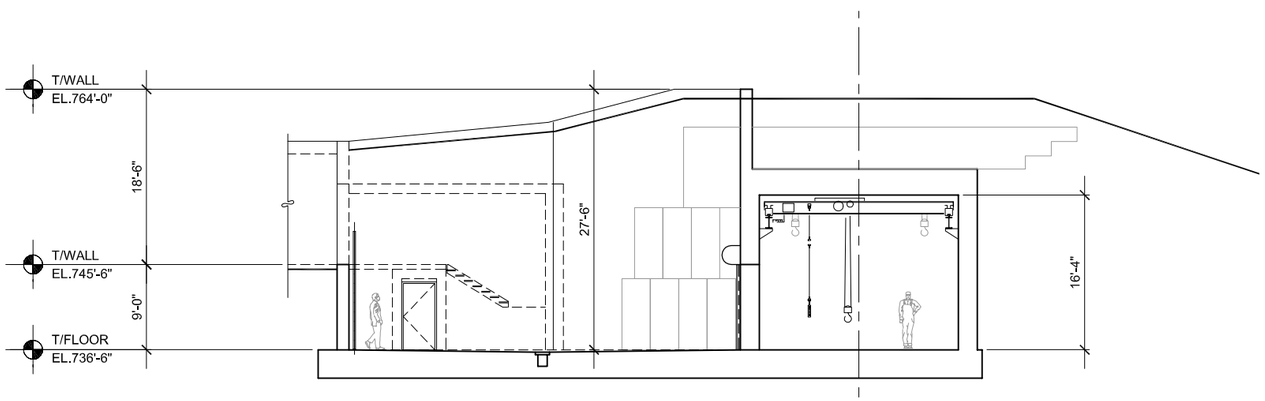
FERMI NATIONAL ACCELERATOR LABORATORY
UNITED STATES DEPARTMENT OF ENERGY

MuCOOL ENCLOSURE
SERVICE BUILDING ELEVATIONS

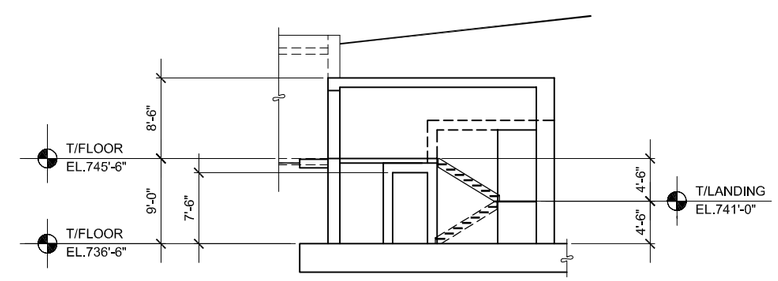
DRAWING NO. **4-1-35** **A-6** REV.



SECTION D
SCALE: 1/8"=1'-0"
A-1, A-3, A-4



SECTION E
SCALE: 1/8"=1'-0"
A-1, A-4



SECTION F
SCALE: 1/8"=1'-0"
A-1, A-4

REV.	DATE	DESCRIPTIONS

REVISIONS

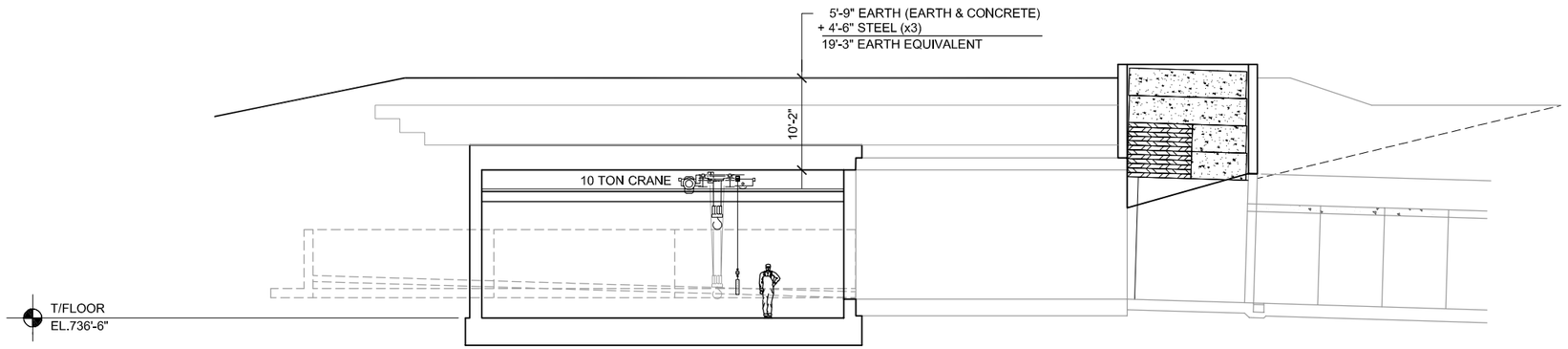
	NAME	DATE
DESIGNED		
DRAWN	R. Alber	
CHECKED		
APPROVED		
SUBMITTED		

SCALE:
1/8"=1'-0"
8 0 8 16
SCALE FEET

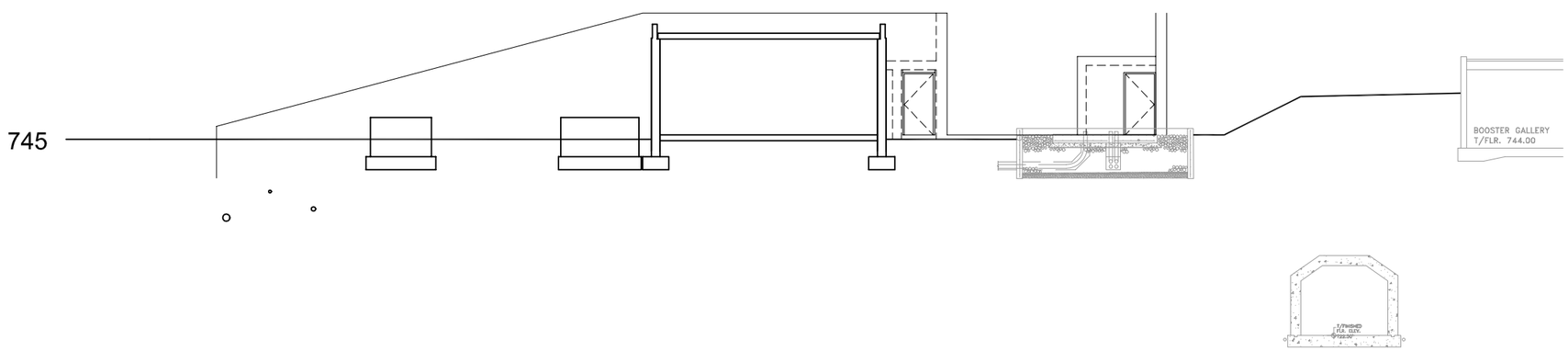
FERMI NATIONAL ACCELERATOR LABORATORY
UNITED STATES DEPARTMENT OF ENERGY

MuCOOL ENCLOSURE
ARCHITECTURAL SECTIONS

DRAWING NO. **4-1-35** **A-7** REV.



SECTION G
SCALE: 1/8"=1'-0"
A-1, A-4, A-5



SECTION H
SCALE: 1/8"=1'-0"
A-1, A-2, A-3

REV.	DATE	DESCRIPTIONS

REVISIONS

	NAME	DATE
DESIGNED		
DRAWN	R. Alber	
CHECKED		
APPROVED		
SUBMITTED		

SCALE:
1/8"=1'-0" 8 0 8 16 SCALE FEET

FERMI NATIONAL ACCELERATOR LABORATORY
UNITED STATES DEPARTMENT OF ENERGY

MuCOOL ENCLOSURE
ARCHITECTURAL SECTIONS

DRAWING NO. **4-1-35** **A-8** REV.