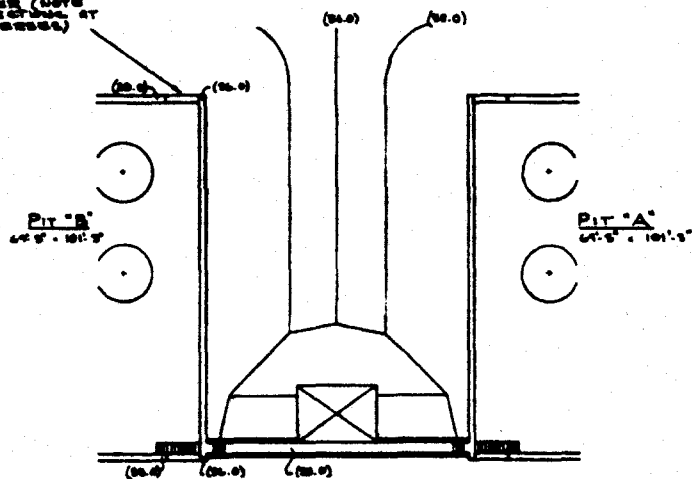


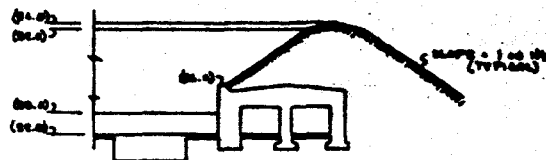
(DEPTH FIVE 64'-3" - 82'-9")

ELLS (TYPICAL)

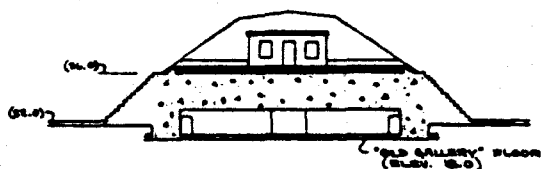
INTERSECTION OF THE FRONT
ELLS (ELLS) WITH THE TRAVERSE
ELLS (ELLS) TO HOLD BACK THE
SLOPING EARTH COVER (NOTE
IN DIFFERENT DIRECTIONS AT
FOR 4 SIDE TRAVERSES)



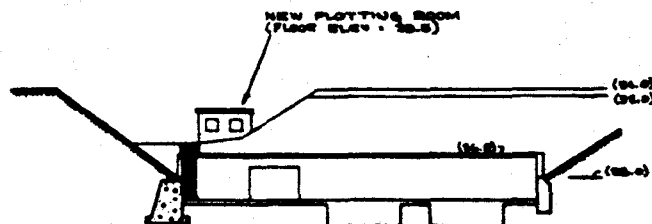
PLAN OF CENTER TRAVERSE - BTTY KELLOGG
1" = 25'



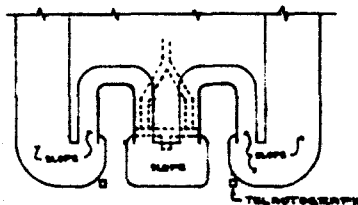
SECTION AA
1" = 25'



SECTION BB
1" = 25'



SECTION C-C
1" = 25'



ORIGINAL APPEARANCE
BTTY LINCOLN
1" = 100'

NOTE THE ORIGINAL POSITION OF TELETYPE
SEATS WAS LEFT UNCHANGED - TO
AID DETERMINING PRE. CONTROL CABLES

NOTES

1. RECONSTRUCTED FROM DRAWINGS IN:
"CONNECTIONS RELATIVE TO PORTIFICATIONS" 1915-16
COPY OF ENGINEER, BOSTON DISTRICT, HQ-17, SERIES 618,
FILES 248 012 - PHOS, WALTHAM, MASS.
2. PARTIALLY VERIFIED BY FIELD OFFICER, HQ-12
- SITE OF "LINE" USED AS PREVIOUS ACCESS FOR
OFFICER'S ROOM AFTER UNTHROTTLED
- LARGELY HEAVY TOWER CONSTRUCTED ON TOP
OF "KELLOGG"
3. MODIFICATIONS DESIGNED TO MINIMIZE SETTING OF
EXISTING HEAVY CONCRETE SECTIONS.
4. CONFUSION EXISTED ABOUT FLOOR LEVELS - APPARENTLY
"OLD" GALLERY FLOOR AT ELEV. 100 - 1.0' (FROM) NEW
PIT FLOOR - VARIOUS NOTES SEEM TO IMPLY THAT
THE FLOOR OF 5 OF THE 4 ORIGINAL PITS HAD PREVIOUSLY
BEEN BRIDGED TO A ELLS (PRESUMABLY DUE TO POOR DRAINAGE
IN ORIGINAL PITS)

PER ROOM (TYR)
1" = 8' HIGH

ILL ROOM (TYR)
1" = 12' 8' HIGH

TE ROOM (TYR)
1" = 11' 8' HIGH

5. MAGNETS ALWAYS
PLACED SO THAT SHELL
IS PLACED BETWEEN
AND ROOMS & EXPOSED
IS (I.E. FINDER ROOM
SELECTED BY GATE FILL
SMALL ROOM)

LEGEND

- ORIGINAL (1890's) CONC.
REMOVED
- ORIGINAL (1890's) CONC.
LEFT IN PLACE
- NEWLY PLACED CONC.
(1910-1916)

MODIFICATIONS TO

BTTYS LINCOLN & KELLOGG
FORT BANKS - BOSTON

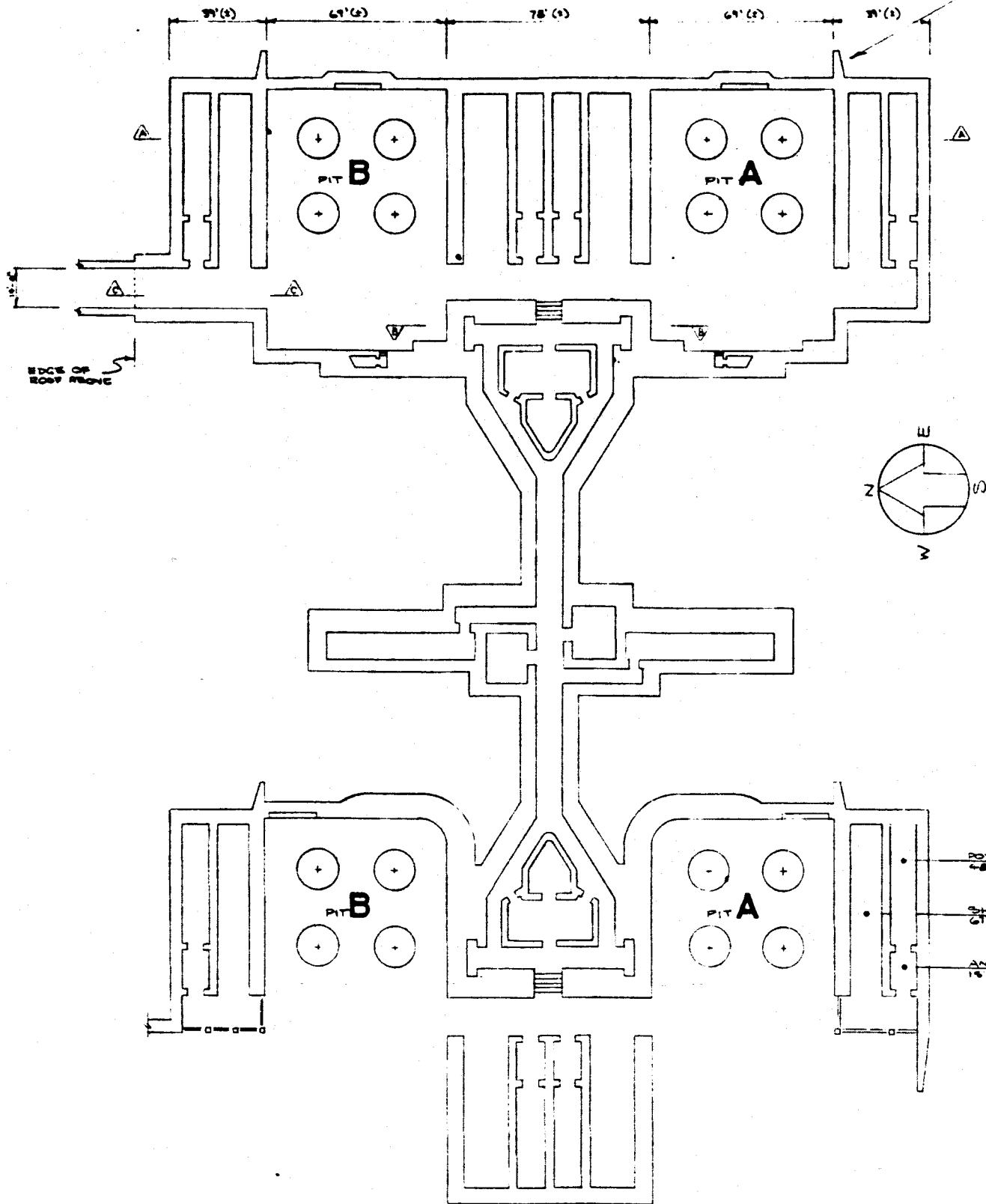
1910 - 1917

(RECONSTRUCTED FROM VARIOUS FILES IN THE NATIONAL ARCHIVES)

SCALE: 1" = 25'
UNLESS NOTED

THOMAS VAUGHAN
NOVEMBER, 1982
DECEMBER, 1982

BTRY SANFORD KELLOGG
(EACH PIT 69'-5" x 101'-5")



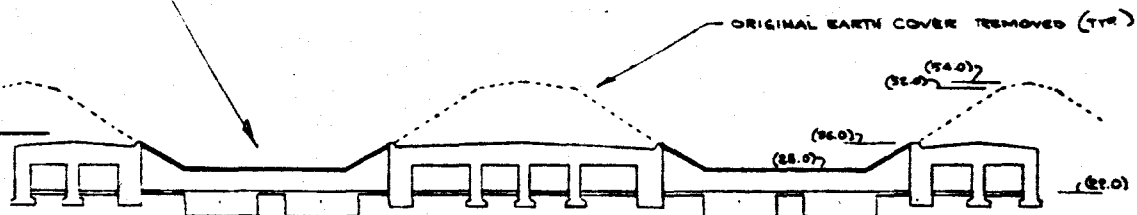
BTRY BENJAMIN LINCOLN
(BOTH PITS 69'-5" x 88'-9")

ALTHOUGH SHOWN ON ORIGINAL LINED SKETCHES, I NOW QUESTION WHETHER THEY EXIST - BASED ON PHOTOS THAT SHOW BOTH CORNERS OF THE PIT TO BE THE SAME

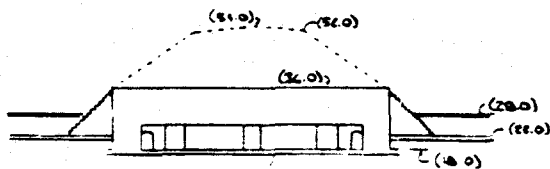
NOTE

THE FRONT (EAST) & REAR (WEST) WALLS ARE 8'-0" LOWER THAN THE SIDE WALLS EXCEPT @ CORNERS

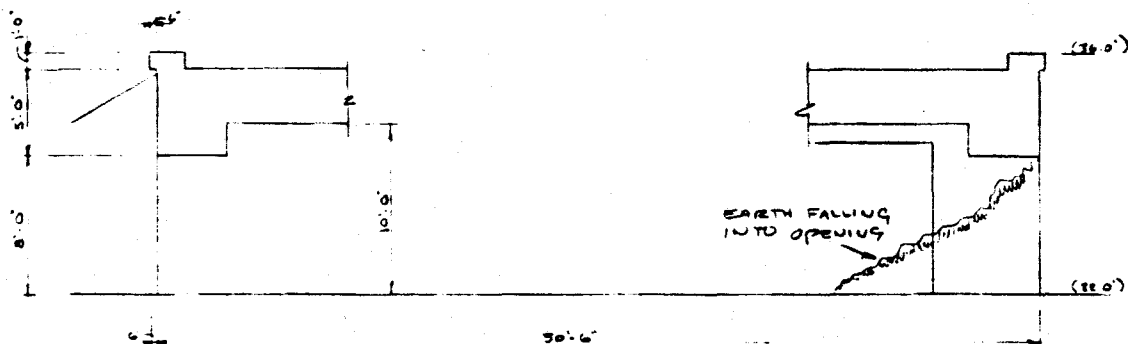
APPROXIMATE GENERAL LEVEL OF THE CURRENT GROUND SURFACE?



SECTION A-A
1" = 25'



SECTION B-B
1" = 25'



SECTION C-C
1" = 25'

UNDER ROOM (TYPICAL)
8' - 11' x 8' HIGH

CELL ROOM (TYP)
10' - 12' x 8' HIGH

RE-ROOM (TYP)
10' - 11' x 8' HIGH

MAGAZINE FLOOR PLAN

EXCAVATION OF
BATTERIES LINCOLN & KELLOGG
FORT BANKS - WINTHROP, MASS.

1989

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CDSG
COAST DEFENSE
STUDY GROUP

SCALE: 1" = 25' (1:300)
UNLESS NOTED
10-SEP-1989