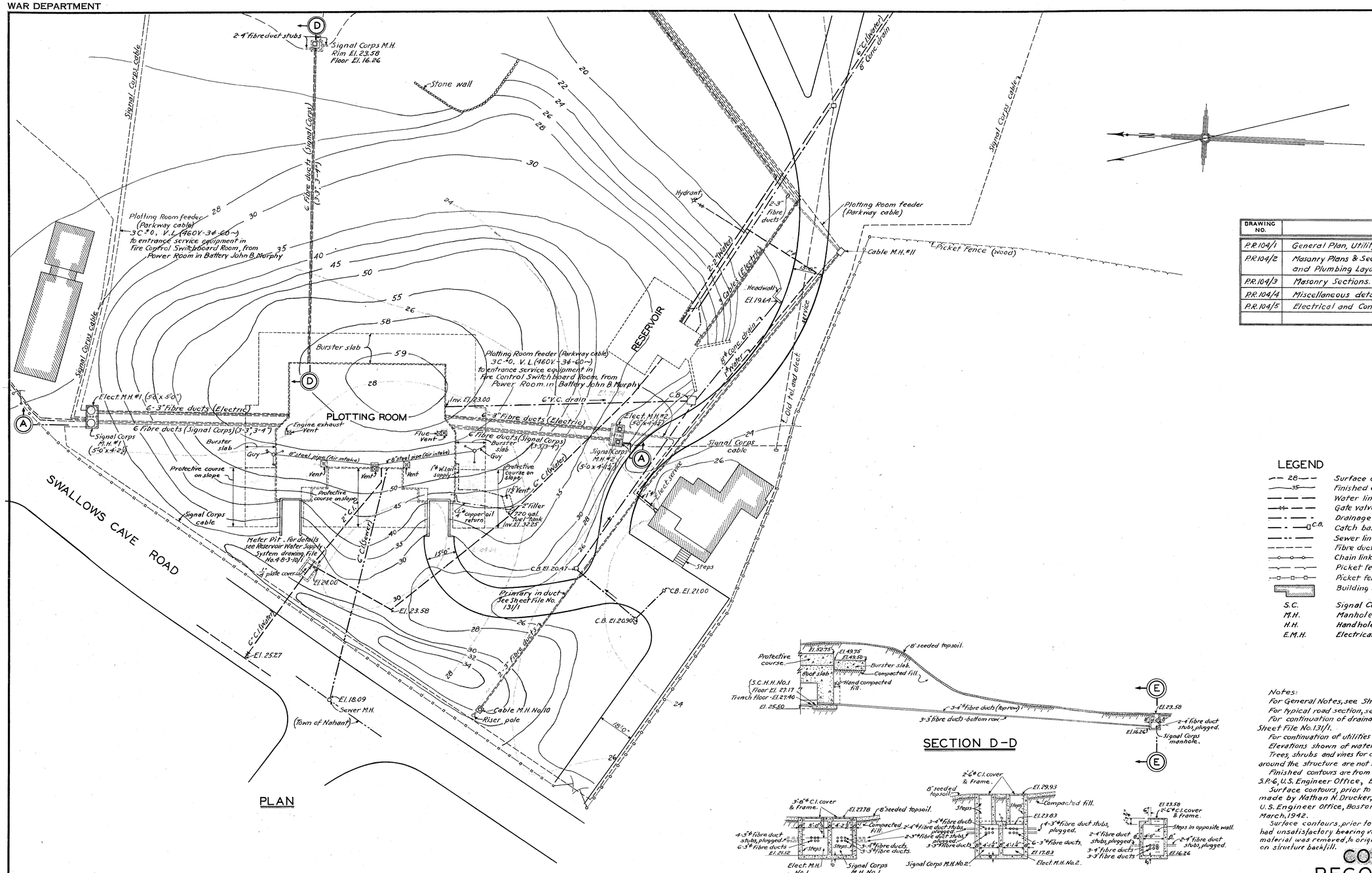



PLAN

| DRAWING NO. | TITLE | SHEET NO. |
|---|---|---|
| P.R. 104/1 | General Plan, Utility Layout & Index. | 1 |
| P.R. 104/2 | Masonry Plans & Sections; Equipment/Water, Drainage and Plumbing Layouts. | 2 |
| P.R. 104/3 | Masonry Sections. | 3 |
| P.R. 104/4 | Miscellaneous details. | 4 |
| P.R. 104/5 | Electrical and Conduit Layouts | 5 |
| | | |

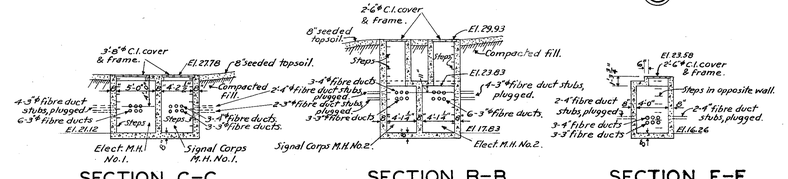
## LEGEND

- 28 — Surface contour prior to construction
- 35 — Finished contours
- Water line
- Gate valve
- Drainage line (closed joint)
- C.B. — Catch basin
- Sewer line
- Fibre ducts, conduits and cables (underground)
- Chain link fence
- Picket fence (wood)
- Picket fence (iron)
- Building retained

| | |
|---|---|
| S.C. | Signal Corps |
| M.H. | Manhole |
| H.H. | Handhole |
| E.M.H. | Electrical manhole |




SECTION D-D




SECTION C-C
SCALE: 1/8" = 1'-0"

SECTION B-B
SCALE: 1/8" = 1'-0"

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

Note: Cable racks and pulling in irons installed in all manholes.

Notes:

For General Notes, see Sheet 2.

For typical road section, see Sheet File No. 131/1.

For continuation of drainage and water lines, ducts and cables, see Sheet File No. 131/1.

For continuation of utilities into structure see Sheets 2 and 5.

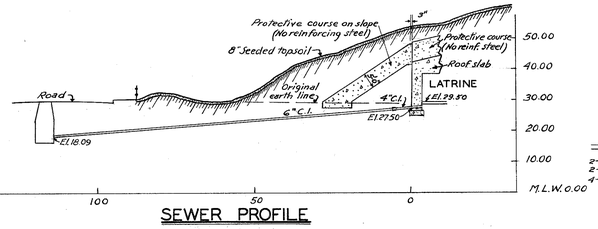
Elevations shown of water, sewer and drain lines, refer to invert of pipe.

Trees, shrubs and vines for concealment on top of, on side slopes of and around the structure are not shown.

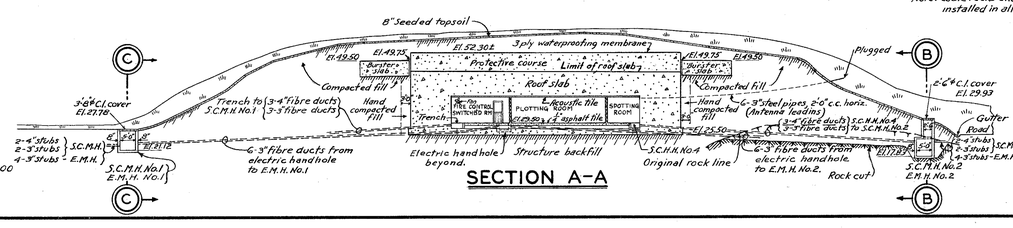
Finished contours are from topographic survey made by R.J. Twombly, S.P.-6, U.S. Engineer Office, Boston, Mass., dated December, 1943.

Surface contours, prior to construction, are from topographic survey made by Nathan N. Drucker, S.P.-3, and Joseph Archambault Jr, S.P.-3, U.S. Engineer Office, Boston, Mass., dated Dec. 1940 to Feb. 1941 and March, 1942.

Surface contours, prior to construction, represent filled ground which had unsatisfactory bearing value for construction purposes. Therefor this material was removed, to original ground surface, and construction was made on structure backfill.




SEWER PROFILE




SECTION A-A

CONFIDENTIAL
RECORD DRAWING

CLASSIFICATION (changed) BY AUTHORITY OF

| NO. | CHARACTER | DATE | BY |
|---|---|---|---|
| | REVISIONS | | |

# HARBOR DEFENSES OF BOSTON

## PLOTTING ROOM

## BATTERY JOHN B. MURPHY (NO. 104)

## GENERAL PLAN, UTILITY LAYOUT & INDEX

IN 5 SHEETS — SHEET NO. 1 — SCALE: 1" = 20' FT.

U. S. ENGINEER OFFICE, BOSTON, MASS. — DECEMBER, 1944

APPROVAL RECOMMENDED: John E. Allen, Chief Engineering Division

APPROVED: Thomas J. Tuttle, Colonel, Corps of Engineers, District Engineer

SUBMITTED: Chief Design Section, Dr. Engineer

Peter A. Murphy, Engineer

DES. BY R.J.B. DR. BY G.R.&R.A.B. TR. BY W.A.W. CH. BY R.J.B.

FILE NO. P.R. 104/1

BOSTON BLUE PRINT CO.