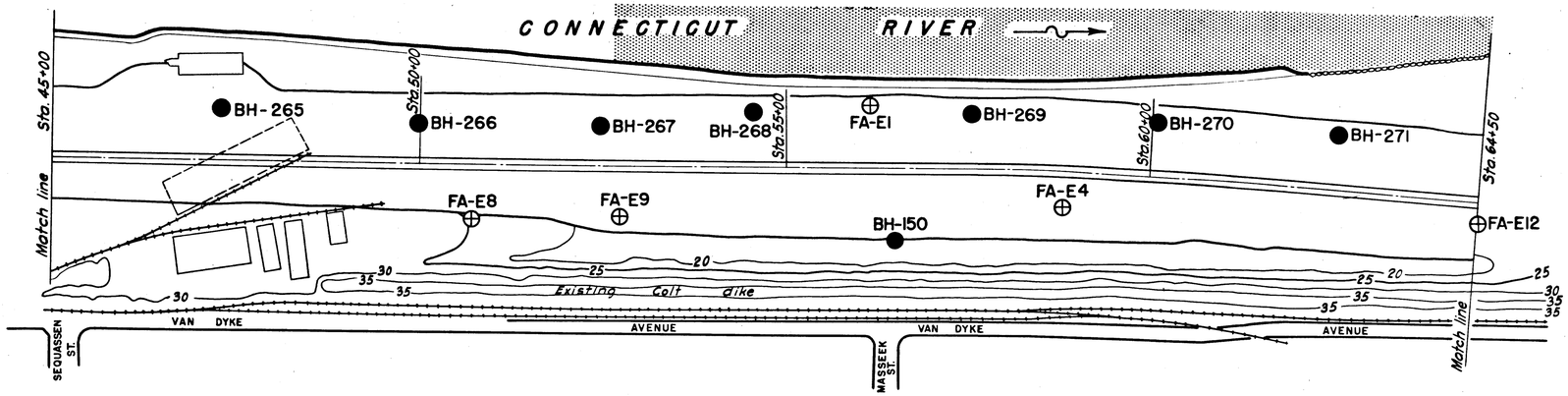
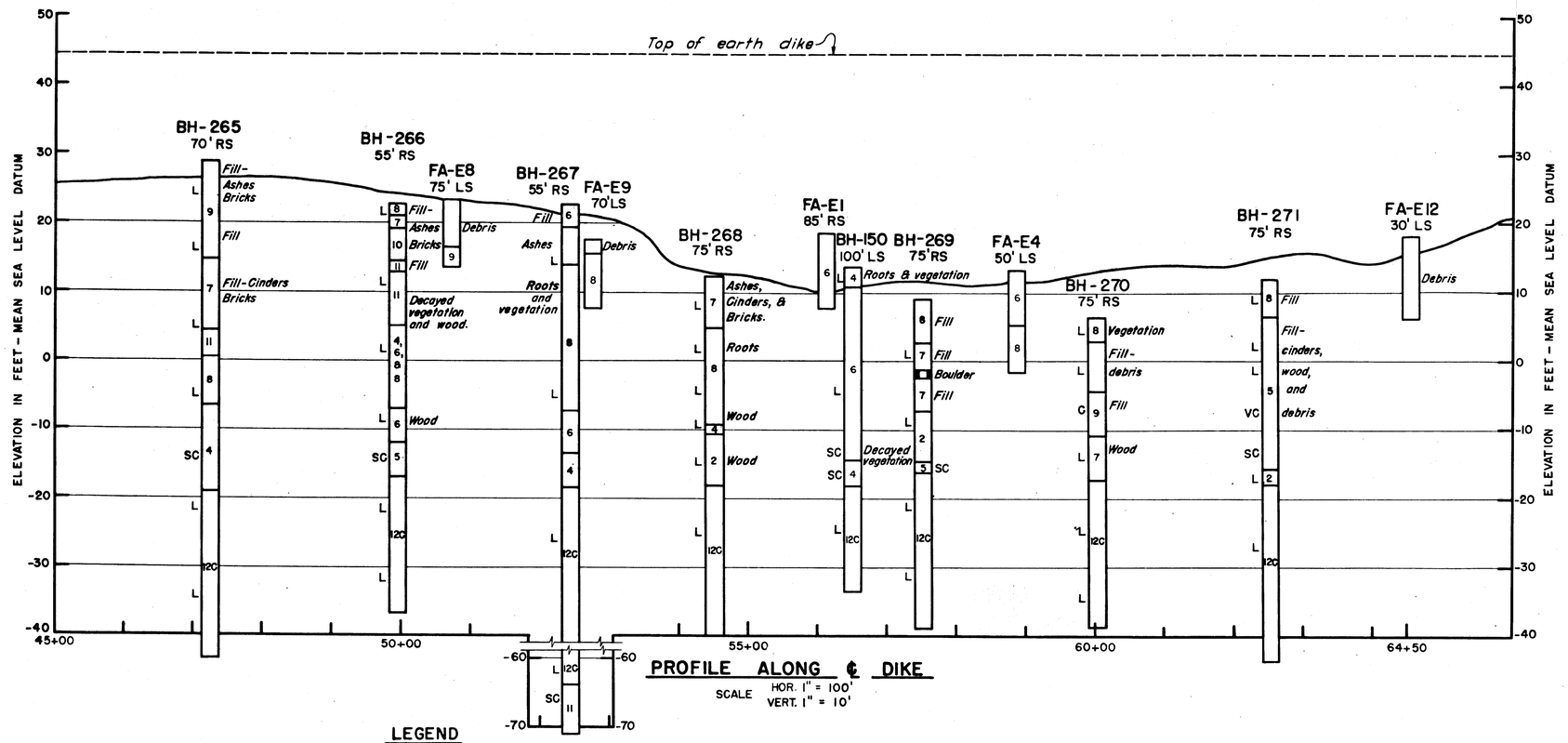


PLAN

SCALE : 1" = 100'



PROFILE ALONG ℄ DIKE

SCALE HOR. 1" = 100'
VERT. 1" = 10'

LEGEND

- L — Loose material.
- SC — Slightly compact material.
- C — Compact material.
- VC — Very compact material.
- LS — Landside of ℄ dike.
- RS — Riverside of ℄ dike.
- ● BH — Drive sample bore hole by U.S. Engineer Dept.
- ⊗ FA — Foundation auger boring by U.S. Engineer Dept.
- ◎ BH — Drive sample bore hole by City of Hartford.
- — Badly weathered and fractured bedrock, core recovery less than 50%.
- — Weathered and fractured bedrock, core recovery between 50% and 75%.
- — Relatively fresh or unweathered bedrock, core recovery greater than 75%.

DESCRIPTION OF SOIL CLASSES

1. Graded from Gravel to Coarse Sand - Contains little medium sand.
2. Coarse to Medium Sand - Contains little gravel and fine sand.
3. Graded from Gravel to Medium Sand - Contains little fine sand.
4. Medium to Fine Sand - Contains little coarse sand and coarse silt.
5. Graded from Gravel to Fine Sand - Contains little coarse silt.
6. Fine Sand to Coarse Silt - Contains little medium sand and medium silt.
7. Graded from Gravel to Coarse Silt - Contains little medium silt.
8. Coarse to Medium Silt - Contains little fine sand and fine silt.
9. Graded from Gravel to Medium Silt - Contains little fine silt.
10. Medium to Fine Silt - Contains little coarse silt and coarse clay. Possesses behavior characteristics of silt.
10C. Medium Silt to Coarse Clay - Contains little coarse silt and medium clay. Possesses behavior characteristics of clay.
11. Graded from Gravel or Coarse Sand to Fine Silt - Contains little coarse clay.
12. Fine Silt to Clay - Contains little medium silt and fine clay(colloids). Possesses behavior characteristics of silt.
12C. Clay - Contains little silt. Possesses behavior characteristics of clay.
13. Graded from Coarse Sand to Clay - Contains little fine clay (colloids). Possesses behavior characteristics of silt.
13C. Clay - Graded from sand to fine clay (colloids). Possesses behavior characteristics of clay.

NOTES

Compactness was determined by the number of blows required to drive 2" O.D. sample spoon one foot with 300 pound hammer dropped 18".

Description of materials shown for borings made by the City of Hartford are taken from records in the possession of the Engineering Dep't., City of Hartford. These records are included as information supplementary to that obtained at borings by U.S. Engineer Dep't.

Class 12C indicated in bore hole records generally occurs in alternating bands, having thin layers of fine clay interbedded with thicker layers of coarse to fine silt.

Samples, test results and logs pertaining to the materials from explorations by the U.S. Engineer Dep't. are available for inspection by interested parties at United States Engineer Office, Providence, R.I.

KEY	DATE	REVISION (Indicated by Δ)	REV. BY	CK. BY	AP. BY
	12-31-45	As Built			

CONNECTICUT RIVER FLOOD CONTROL

HARTFORD DIKE

RIVERFRONT, MORGAN ST. TO STA. 96+73

SUBSURFACE EXPLORATIONS NO. 3

CONNECTICUT RIVER — CONNECTICUT

IN 135 SHEETS — SCALE: 1 IN. = 100 FT. — SHEET NO. 7

U.S. ENGINEER OFFICE, PROVIDENCE, R.I., MAY 1940

SUBMITTED: Frank Folsom, SENIOR GEOLOGIST, HEAD, GEOLOGY SECTION

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DRAWN: R.R.L. F.X.F.

TRACED: J.B.

CHECKED: Wady

FISCAL YEAR 1940

FILE NO. CT-2-1276

Ht. 587b