

WALTER P. SWAIN, JR. RESIDENCE, PLAINFIELD,
NEW JERSEY

REGINALD CAYWOOD KNIGHT, A.I.A., ARCHITECT
NEW YORK CHAPTER

JASPER DUDLEY WARD, III, ASSOCIATE

STROBEL AND SALZMAN, STRUCTURAL ENGINEERS

WALTER AND BERNICE SWAIN, OWNERS

ADAM VALENTINE, GENERAL CONTRACTOR

WILLIAM EDMUNDS, BUILDER

Award of Merit.

AIA Honor Awards Program

1956

Merit

Walter P. Swain, Jr., Residence
Plainfield, N. J.

Reginald Caywood Knight, AIA
New York, N.Y.

DESCRIPTIVE DATA

(a) THE PROJECT IS LOCATED IN SOMERSET COUNTY, NEW JERSEY.

(b) OWNER'S SPECIAL REQUIREMENTS - UNUSUAL SITE CONDITIONS

The owner wanted an open plan with uninterrupted views and yet privacy. The site is on a cliff about 150 feet above a small town. The night view above the trees includes the town lights and the sky. The only approach to the site is from a rather dense forest from behind the cliff. The entrance to the building is therefore the entrance to the view also, and once inside the view is everywhere.

The privacy and sound isolation made possible by the terrace between the sleeping and living spaces assures the owner undisturbed use of each space.

(c) TECHNICAL DATA

Reinforced concrete structural elements supporting wood frame enclosures held on 4" steel "H" sections set in the concrete. Outdoor terraces are set between two double cantilever beams of reinforced concrete. Terraces and floors on grade are of white marble scrap set as flag stones. Wood floors are white oak. The exterior is sheathed in 3/4" mahogany boards used vertically. Flashing edge of roof is stainless steel.

The furnishings and cabinets are cherry to match the valuable antiques which are family heirlooms.

The stair plant boxes are heated and watered by concealed pipes. The house is radiant heated in the ceilings.



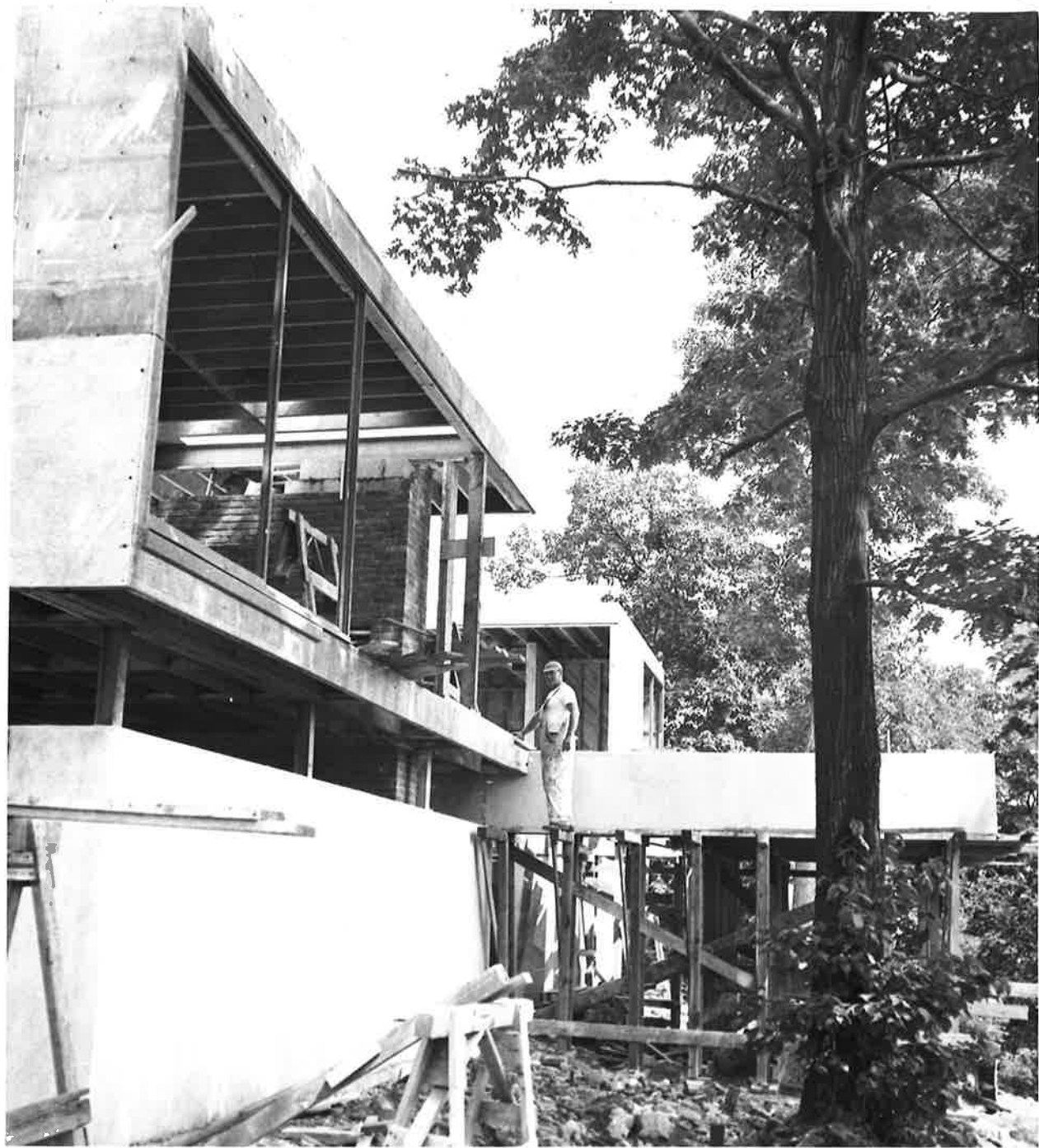


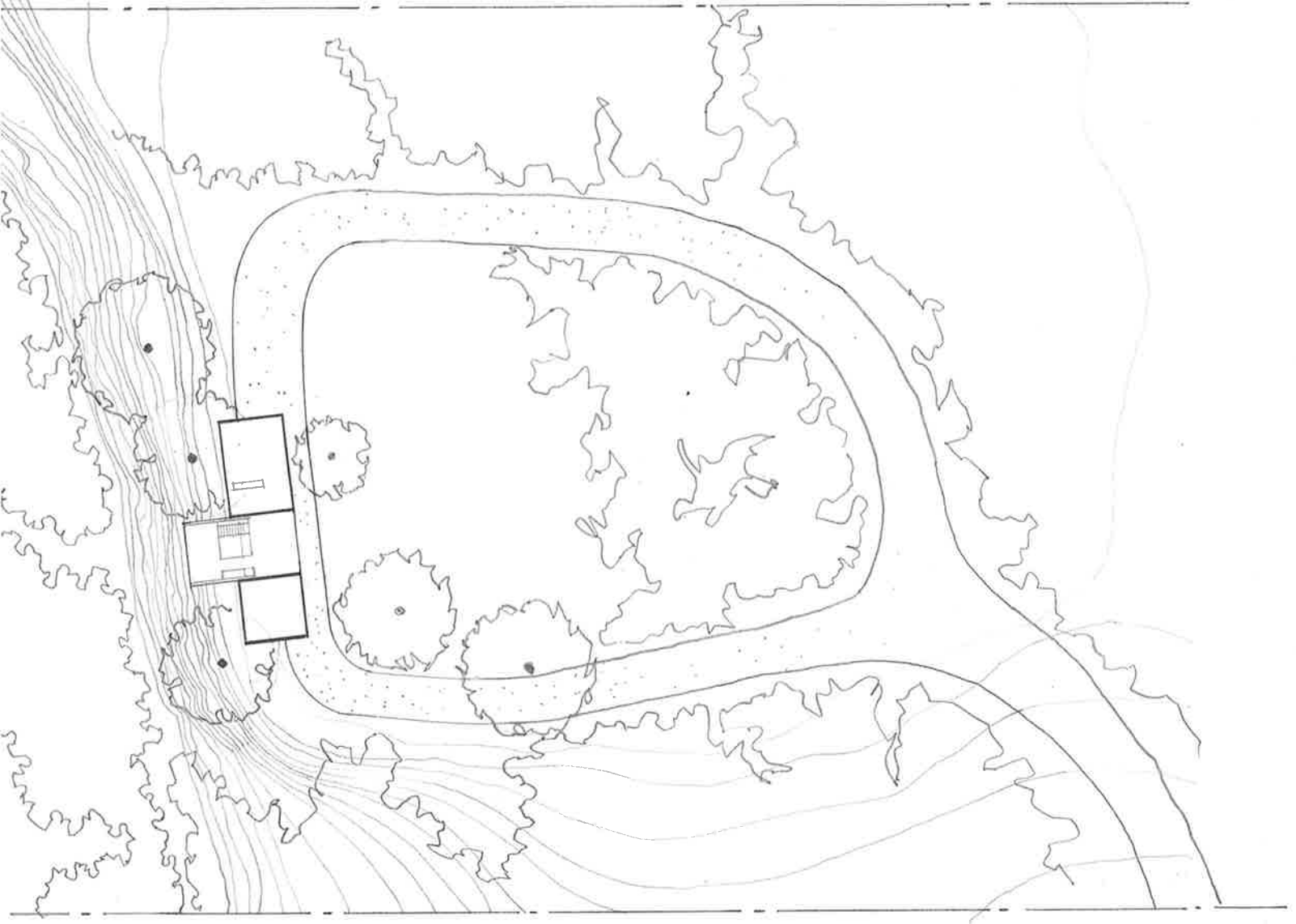
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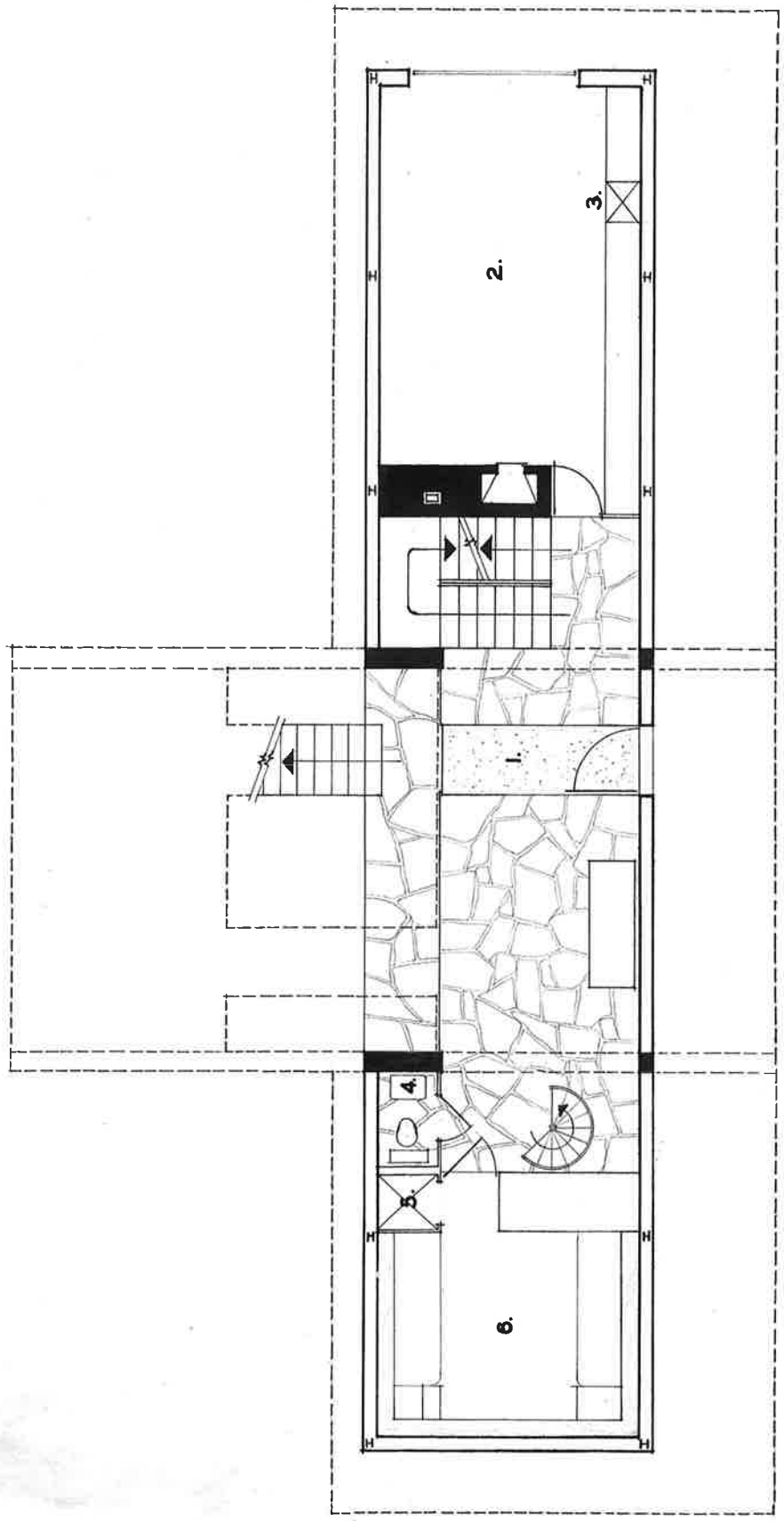




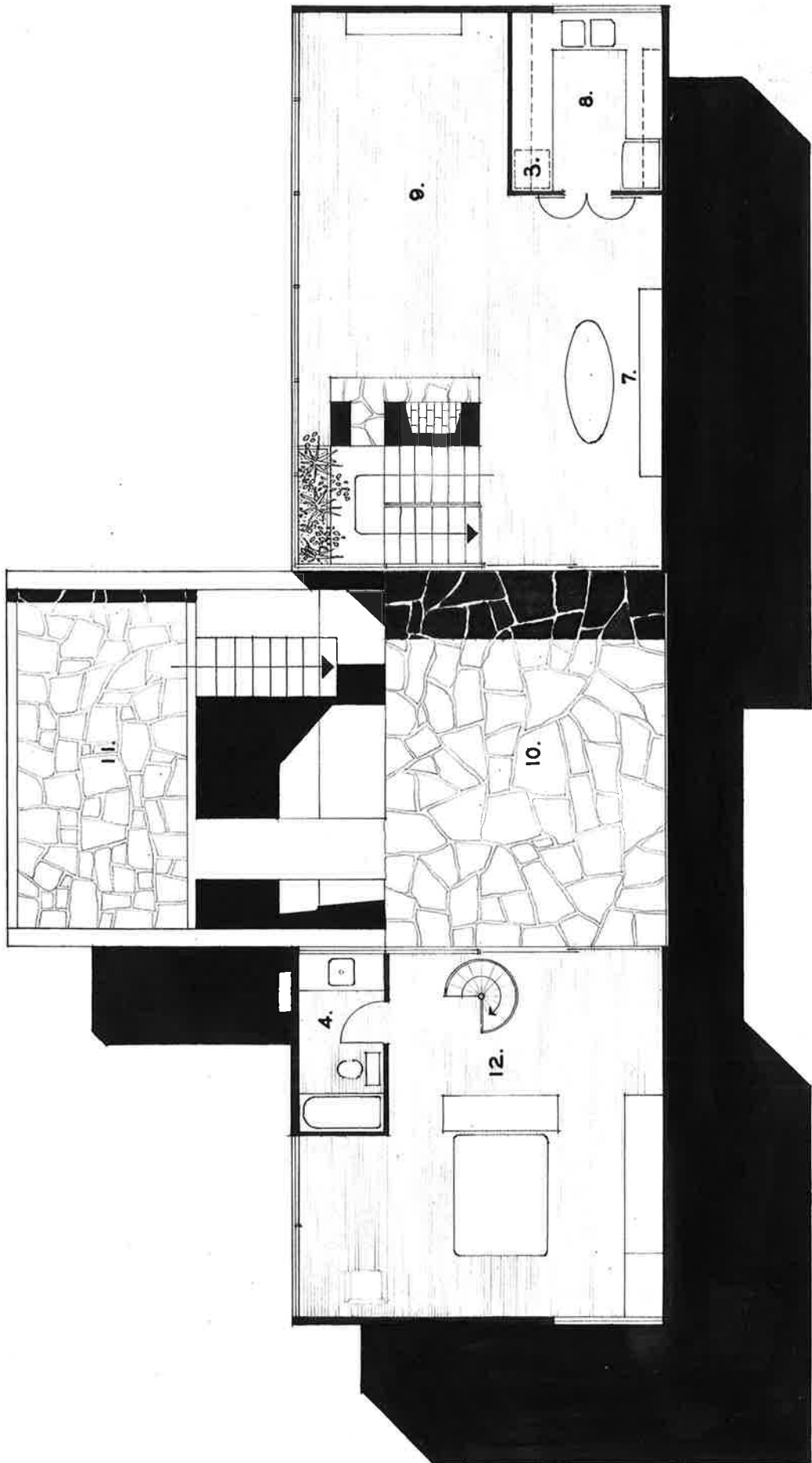




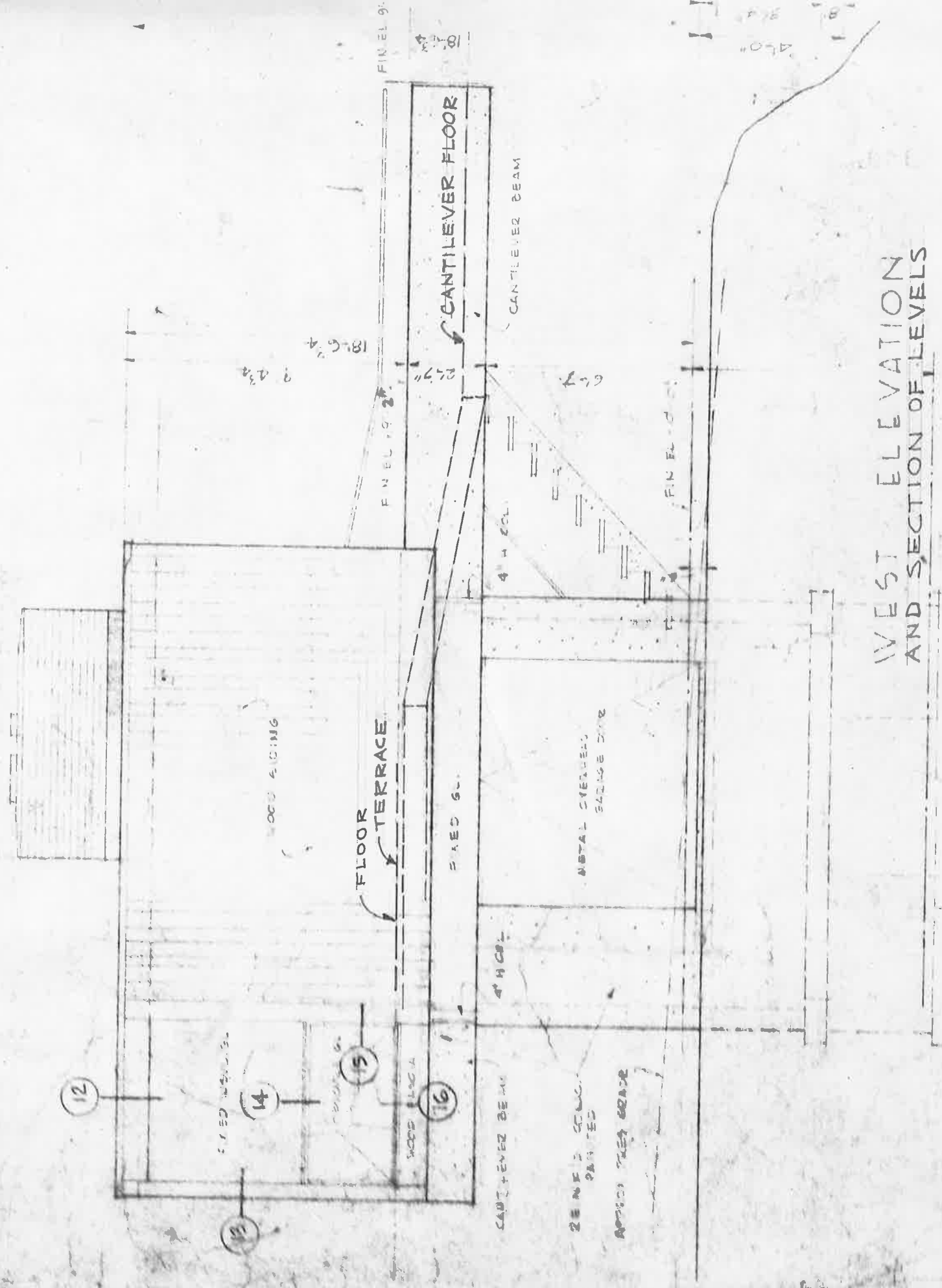
SITE PLAN 1" = 50'



G R O U N D F L O O R P L A N



U P P E R F L O O R P L A N



WEST ELEVATION
AND SECTION OF LEVELS

FIN EL 9.6

18-G 4

FIN EL 0.0

18-G 4

FIN EL 9.6

CANTILEVER FLOOR

CANTILEVER BEAM

FLOOR TERRACE

PAVED G.

4" H COL.

FIN EL 0.0

WOOD SIDING

METAL SHEETED SLAG WASTE CONCR

12

14

15

16

FINISHED

WOOD BLOCK

4" H COL.

CANTILEVER BEAM

2 INK & CONG. PAINTED

APPROX. TYP. GRADE