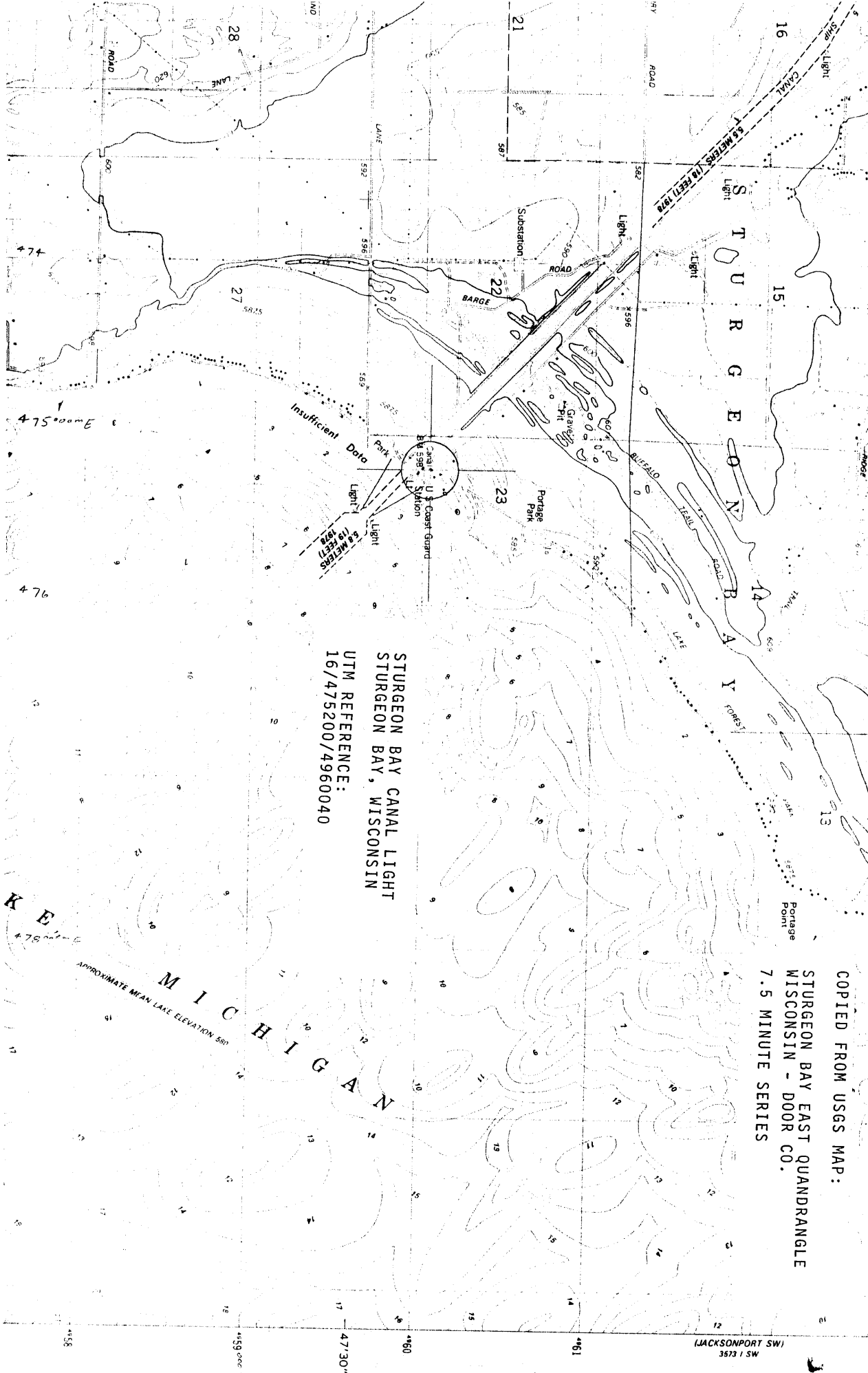


VBD: Saw map of approx. 25' wide
 It shows the location of the tower
 and the distance from the street
 to the lake.



DESCRIPTION (CONTINUED)
 original tower, which was 8 feet in diameter and bore the load of the entire structure, was converted into a cylindrical stair tower which supported only the staircase leading to the watch room. The original watchroom, lantern, and lens were retained, but supported by a new skeletal steel framework consisting of six posts made up of members of angle iron, measuring 6 inch by 6 inch by 3/8 inch. The old buttresses were enlarged by the addition of a rectangular segment measuring 11 feet by 17 feet 8 inches and consisting of 3 inch by 3/8 inch lattice bars. The concrete foundation was extended to support the larger buttresses, which served to increase the diameter of the foundation, measured from anchor bolt to anchor bolt, from 25 feet to 36 feet. Overall, the tower is 98 feet tall from the base to the top of the ventilator ball and creates a lens focal plane 107 feet above the mean low water level. The lens is a Second Order Fresnel, with eight panels, and the lens rotates to impart a flash. It was manufactured by Henry Lapaute of Paris.

ABSTRACT	HAER NO	LC	TECH REPORT	HIST REPORT	CONTENT PHOTO	HIST PHOTO	CONTENT DRAWG	HIST DRAWG	COLOR PLATE	PHOTOGRAM	SW	FILM



STURGEON BAY CANAL LIGHT
STURGEON BAY, WISCONSIN
UTM REFERENCE:
16/475200/4960040

COPIED FROM USGS MAP:
STURGEON BAY EAST QUADRANGLE
WISCONSIN - DOOR CO.
7.5 MINUTE SERIES

(JACKSONPORT SW)
3623 I SW

M I C H I G A N
APPROXIMATE MEAN LAKE ELEVATION 587

474

475000E

476

478000E

458

459000N

47300

460

461

462