

OFFICE MEMORANDUM

TO : Margaret Ann Rogers, H-8

Thru : A. D. VanVessem, Alt. Group Leader, WX-7

FROM : Frank Babich, General Monitoring Section, H-1

SUBJECT : RADIATION SURVEY OF TA-6-37

SYMBOL : H-1

DATE: September 16, 1974

Radiation survey results of TA-6-37 (TM-37) are as follows:

In the center of this concrete bowl is an island about 25 feet in diameter that is surrounded by water about 30' across. No attempt was made to drain the water which is about 2 feet deep at the deepest point. On this island, there is a steel plate 8 feet square and 3/4" thick where alpha readings from 200 to 400 c/m could be detected but the contamination could not be removed by swipe test. Spot check of a steel tank about 25 feet east of TM-37 and the area about 50 feet around TM-37 was made, but no alpha or beta-gamma radiation or contamination could be detected. Shots fired at TM-37 were surrounded by water. The water slowed the shrapnel enough to fall on the apron and the apron was then hosed off and all the debris was captured by a filtering system in a 5'x5'x10' deep hole. A detail drawing of TM-37 and the filtering system is attached to the original copy of this memo. (LASL Dwg. No. ENG-C 1622 sheet No. 1).

Shots containing uranium were also fired at a site about 0.4 mile west of TA-6-37. This area is about 150 feet square and is covered with about 1 inch of asphalt. The asphalt has grass, weeds and bushes growing through it which makes it nearly impossible to monitor for alpha, but I did find readings of 0.3 mR/h, open shield, with a beta-gamma instrument. I gave Bob Martin of H-1 a piece of asphalt and he verified that the asphalt did contain some uranium by placing it in an analyzer.

Information about the firing sites and the shots fired on them was given to me by A. D. VanVessem of WX-7.

Figure I is a top view of what TA-6-37 looks like today.

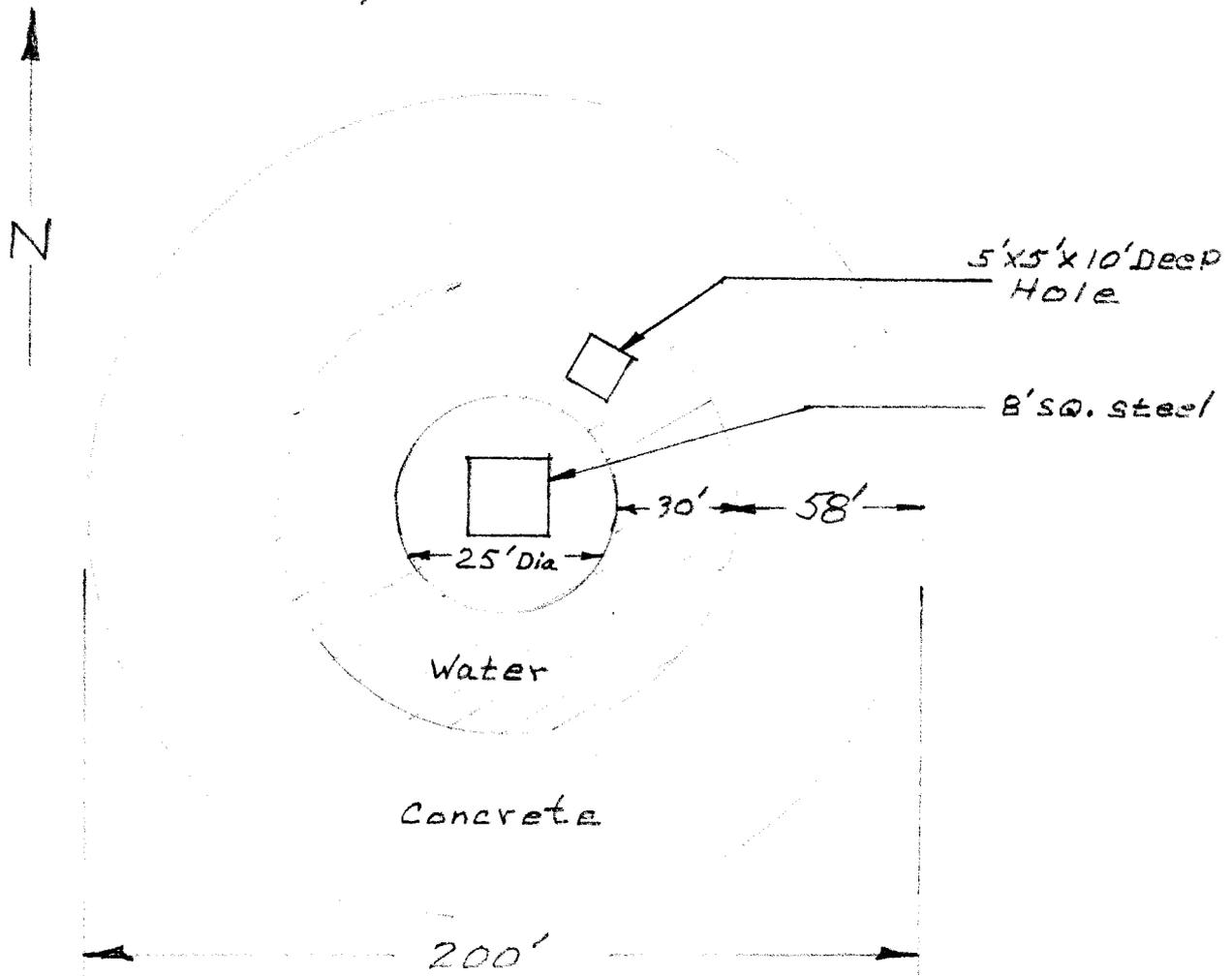
Frank Babich
Frank Babich

FB:ed

Xc: A.D. VanVessem, WX-7
Ed Bemis, H-1
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File



Fig I



TA-6-37 TM-37

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