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DAILY ACTIVITY LOG

DATE: 20 March, 1995

Technical Area: 5 Operable Unit: 1129

Site Work Plan: Aggregate C(?), SWMU No.: 05-003

Signature: *Richard J. Koch*
Name: Richard J. Koch Title: Geologist

SUBJECT: Engineering Survey, SWMU No. 05-003

Personnel: Richard Koch, Darril Stafford, Leslie Sontag, FTL
Time: 11:30 am to 12:30 pm

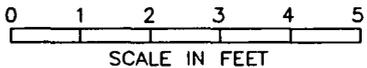
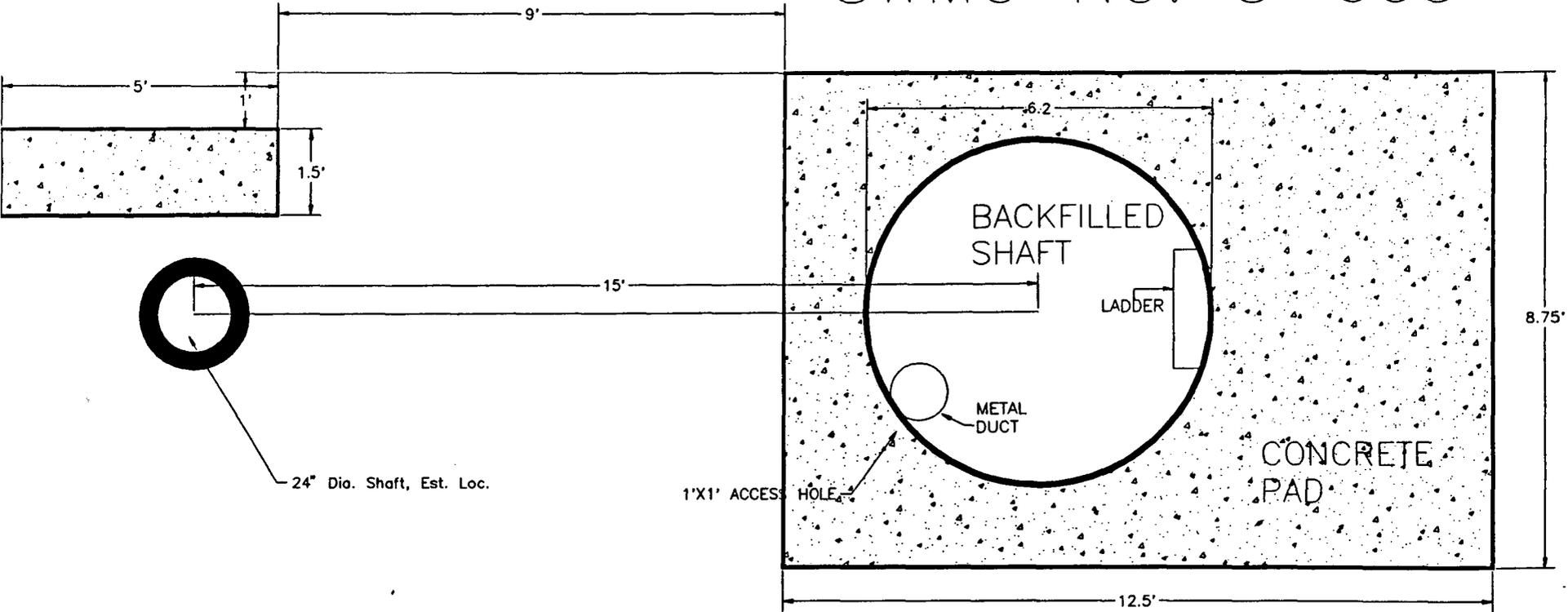
Work Description:

An engineering survey was performed to locate the supplemental 24" diameter shaft that is reported to be located about 15' from the 6' diameter shaft at TA-5, the beta site calibration facility. Mr. Stafford provided radiation screening for alpha, beta, and gamma radiation. The distance was measured 15' west of the center of the 6' diameter shaft to locate the site of the 24" diameter shaft. A hand operated metal probe was used to probe the backfill material in the area of the 24" shaft. The probe located numerous pieces of wood, metal, and wire within the backfill material. The probe located a concrete pad about 4" to 6" below the surface in the area. The concrete pad appeared to be approximately level, and about 5' long in an east-west direction, and about 17" wide in a north-south direction. The thickness of the concrete pad was not established. The top of the concrete pad appeared to be about 6" below the surface of the concrete pad surrounding the 6' diameter shaft. The surface of the concrete pad appeared to be continuous, without any obvious openings or holes located in the top surface of the concrete pad. The northeast corner of the pad was measured to be 9' west and 1' south from the northwest corner of the concrete pad surrounding the 6' diameter shaft, as measured along a line parallel to the north edge of the large concrete pad. No radiation readings above background levels were noted by Mr. Stafford during the engineering survey.

It was not determined if this concrete pad provided the cap of the 24" diameter shaft, or was adjacent to the shaft. No anchor bolts or evidence of anchor bolts were noted on the concrete pad. Most of the material above the concrete pad appeared to be paraffin block material mixed with backfill soil material. A diagram of the site showing the location of the concrete pad is attached.

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