



OHM Corporation

10/11/95-01837

October 11, 1995

Commander
Atlantic Division
NAVFACENGCOM
1510 Gilbert Street
Norfolk, VA 23511-2699

Attention: Mr. David M. Forsythe

Subject: Test Pit Excavation Work Plan
Camp Allen Landfill, Soil and Groundwater Remediation

Dear Dave:

Enclosed are ten (10) copies of the Test Pit Excavations Work Plan. We are proposing to conduct test digs in order to further evaluate the composition of the subgrade in the area of the new treatment building. Recently, we have observed a small crater or subsidence which has developed adjacent to the new building area. This is the same one I took a picture of and presented at our meeting at Baker.

Since then, the subsidence has increased in size and exhibits relatively large masonry building debris and voids. It is our intention to determine if a similar condition exists within the building footprint.

Sincerely Yours,

Gordon H. Miller, Jr.

cc: LT. William Sheedy - ROICC
David Leadenham
File 15856

TEST PIT EXCAVATIONS AREA "A"

SCOPE OF WORK

Preparatory

- * Mobilization of Equipment and Personnel for Test Excavations
- * Silt Fence down grade of Excavations.

Excavation of Soils for Test Pits- Area "A" Recovery Lines and Wells

- * Excavate Test Pits approximately One Bucket Wide X 3-0' for Recovery Lines
- * Excavate Test Pits approximately Two Buckets Wide x 7-0' Deep for Well Holes
- * Test Holes will be Visually Inspected and Backfilled.
- * At the end of each Test Pit the Contaminated Bucket will be positioned on a clean piece of Visqueen and Scraped Clean of all Visible Dirt and Debris before moving to the next location

Excavation of Soils for Test Pad- Area "A" Treatment Building Foundation

- * Loosen and turn over the upper thin layer of soil in a 15-0' x 30-0' Test Pad located inside the perimeter of the Treatment Building
- * Remove any debris in excess of 8" and store for disposal.
- * Test roll the loosened subgrade with a Smooth Drum Vibratory Compactor (6) passes
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Decontamination

- * All equipment will be decontaminated with High Pressure Water on decon pad
- * All contaminated water will be Drummed and Transported to designated storage area for disposal or treatment

Restoration

- * All disturbed areas will be Reseeded and Stabilized
- * Any stockpiled materials will be stored Down Wind of Occupied Areas, contained with an Earthen Berm and Tarp Covered.

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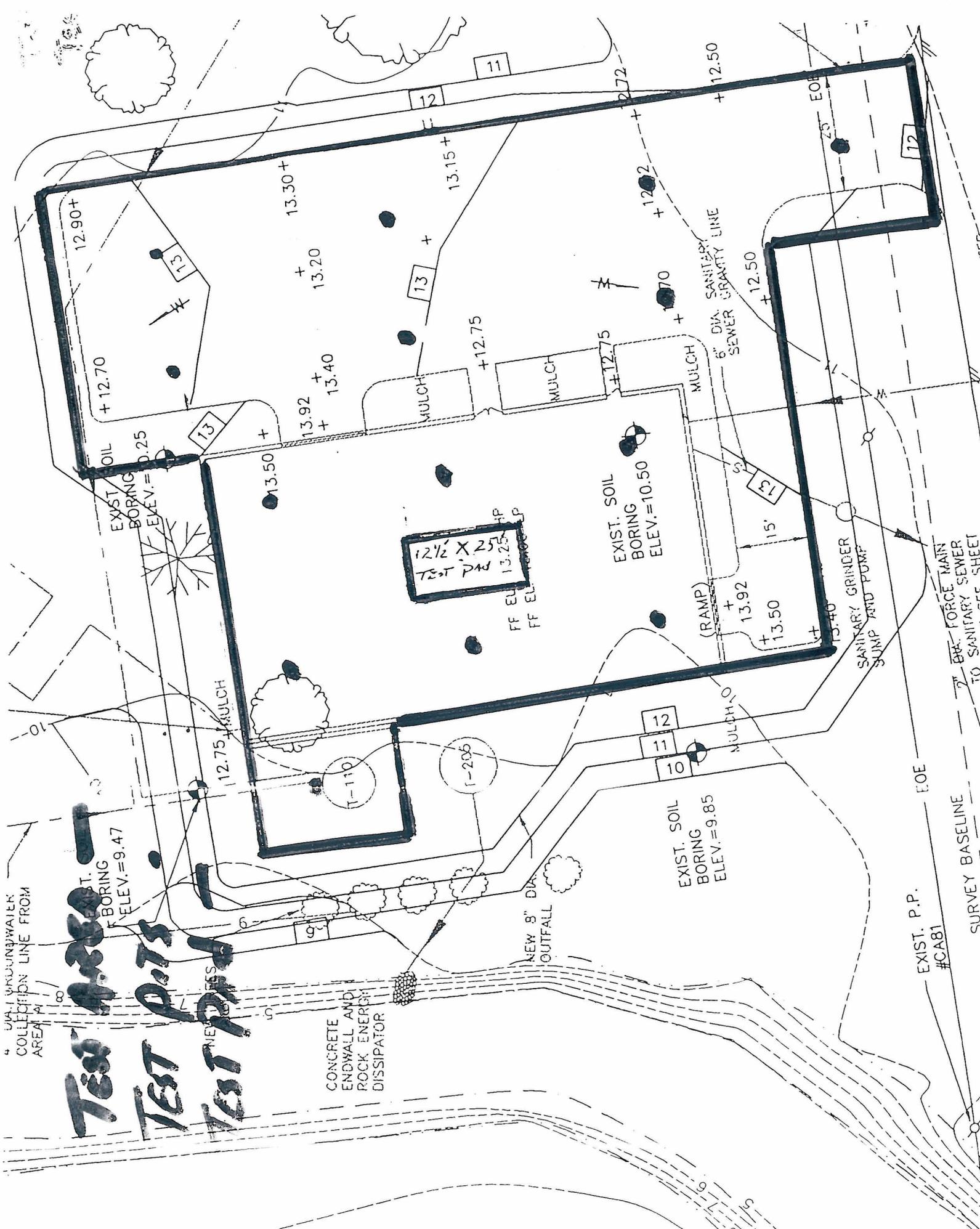
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4' DIA. GROUNDWATER COLLECTION LINE FROM AREA A

Test Area TEST PITS TEST PITS TEST PITS



EXIST. P.P. #CAB1

SURVEY BASELINE

EXIST. FORCE MAIN TO SANITARY SEWER

EOE

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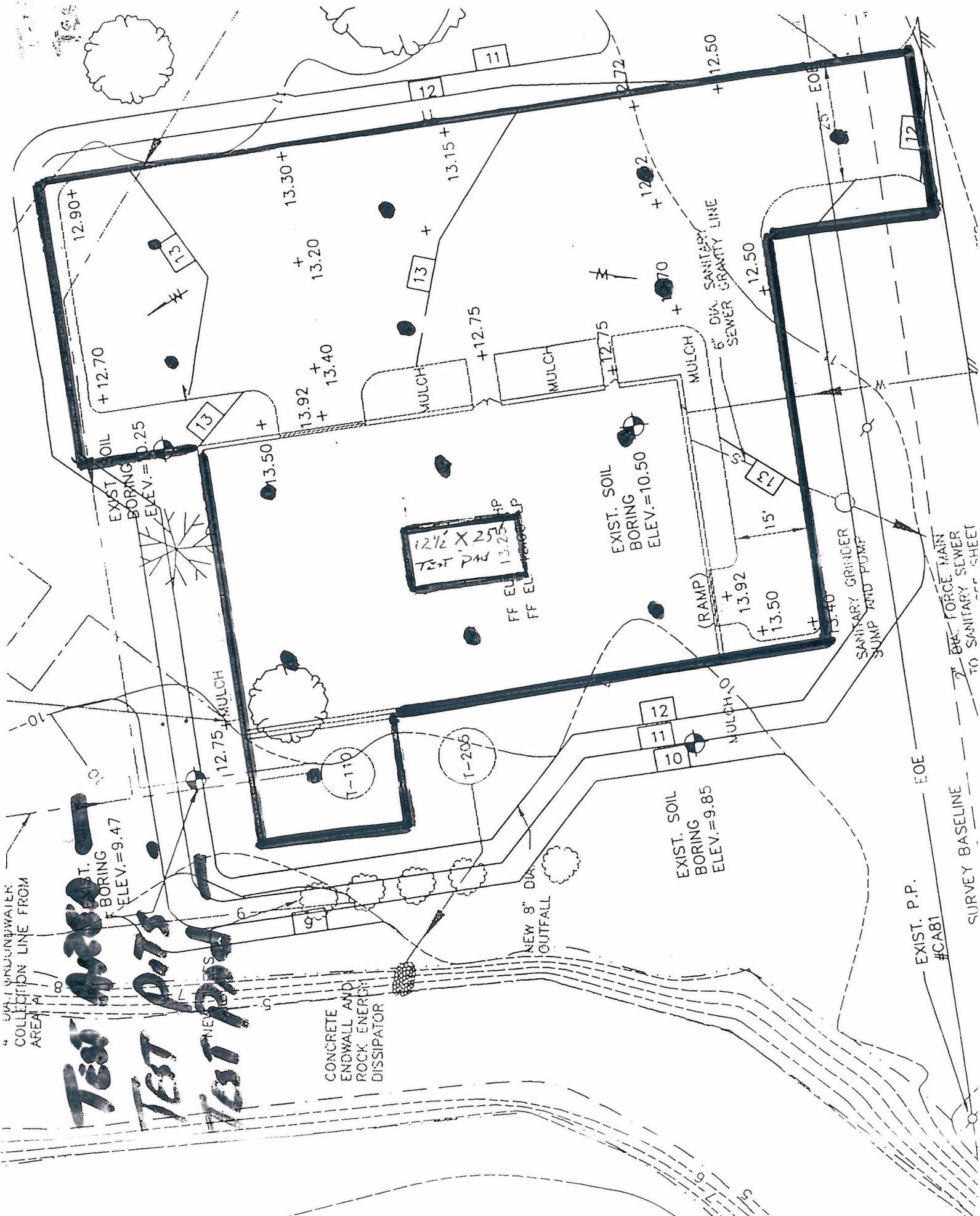
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4' DIA. WASTEWATER COLLECTION LINE FROM AREA A1

Test Area

TEST PITS

TEST PAD



CONCRETE ENDWALL AND ROCK ENERGY DISSIPATOR

12 1/2 X 25' HP 13.25
TEST PAD

EXIST. SOIL BORING ELEV.=10.50

EXIST. SOIL BORING ELEV.=9.85

SANITARY GRINDER PUMP AND PUMP

EXIST. P.P. #CA81

SURVEY BASELINE

EXIST. FORCE MAIN TO SANITARY SEWER SHEET

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4. MAIN WATERLINE
CO. LOCATION LINE FROM
AR A

Test Area
TEST PITS
TEST PAD

EXIST. SOIL BORING ELEV. = 9.47

CONCRETE
ENDWALL AND
ROCK INVERT
DISSIPATOR

NEW 8" DIA.
OUTFALL

EXIST. SOIL BORING ELEV. = 9.85

12 1/2' X 25'
TEST PAD

FF ELEV. = 13.25
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