HYDROLOGY M15/D19 NO PLANS

M 15/ D 19

No Plans

CITY OF ALBUQUERQUE

ALBUQUERQUE, NEW MEXICO

INTER-OFFICE CORRESPONDENCE October 21, 1983 REF. NO._____

TO: Fred Aguirre, Engineer - Hydrology

FROM: Gene Romo, Director, Department of Refuse & Services

SUBJECT: YALE BLVD DUMP SITE

Attached you will find figures and photos that outline the extent of the dump site and recommended procedures to correct the problem.

The general flow of the area is from east to west. Flows start at the western end of the Albuquerque Airport and flow west to University Blvd. The local area is a closed landfill where mounds of construction material have been illegally placed, over the final cover. These mounds obstruct the westward flows and therefore the arroyos are non-conveying channels. The non-conveying arroyos will be used as a disposal area where the construction material will be placed. We intend to construct a trench at the perimeter of the dump site to collect the local surface runoff. The trench will serve two purposes: first, to pond and convey flows and second, to stop illegal traffic into the area.

Also attached, is a letter from my staff with recommendations as to the operational procedures necessary to correct the problem. Should you require additional information please contact me.

GR/LB/ems

xc: Abe Montano, Solid Waste Systems Manager
Lawrence Pac[illegible], Planning & Evaluation Manager
Carlos Montoya, Civil Engineer
Manuel Gonzales, Operation Landfill Supervisor

Fred

CITY OF ALBUQUERQUE

ALBUQUERQUE, NEW MEXICO

INTER-OFFICE CORRESPONDENCE October 21, 1983 REF. NO._____

TO: Gene Romo, Director, Department of Refuse & Services

FROM: Lawrence Baca, Planning & Evaluation Mgr., Refuse & Services

SUBJECT: YALE BLVD ILLEGAL DUMP SITE

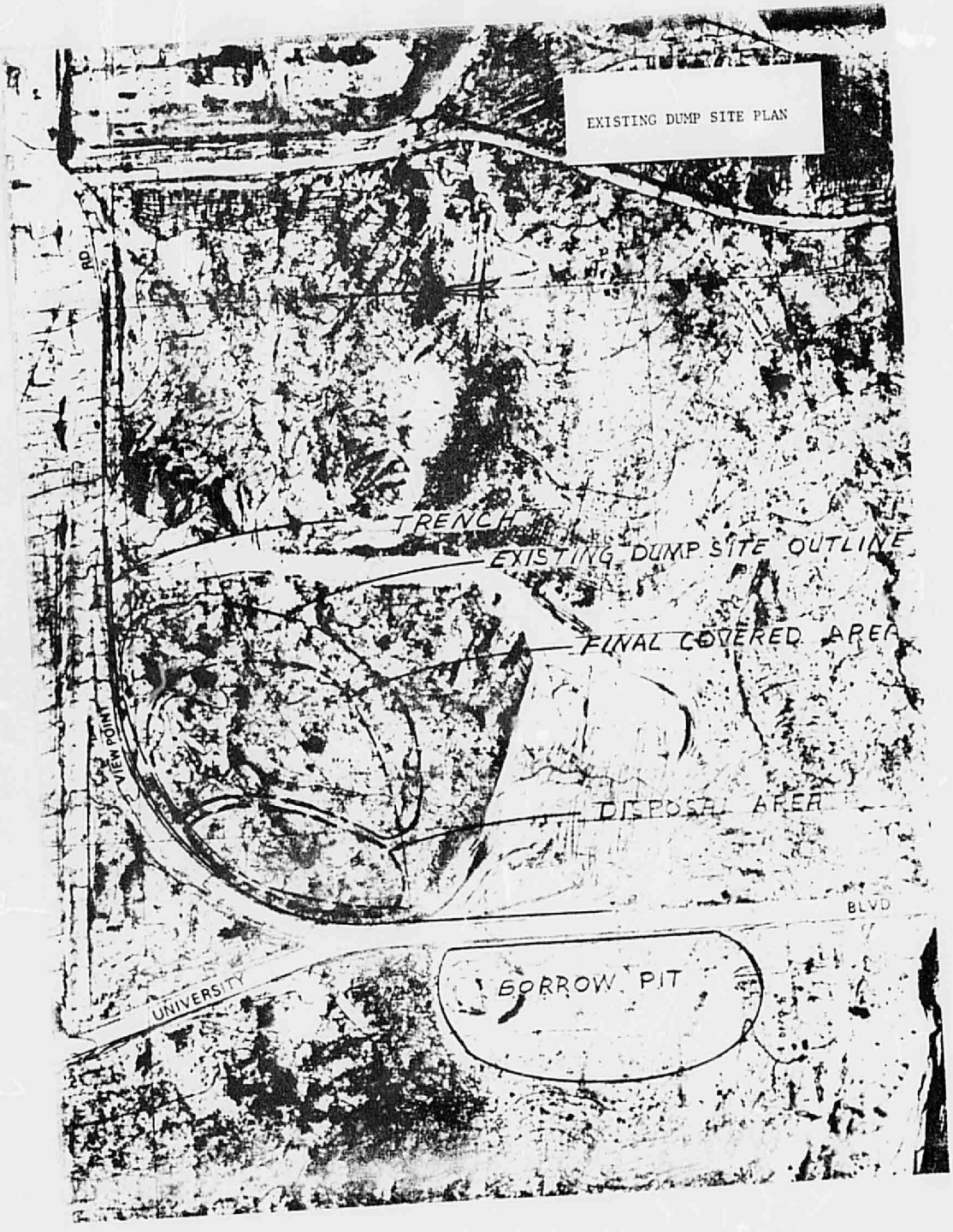
Attached you will find information describing the Yale dump site problem and our recommendations as to the operational method necessary to correct the problem. The dump site is bordered by Viewpoint Rd. & University Blvd. The existing illegal dump site area is approximately 3.5 acres.

We propose to use heavy equipment to reduce the debris area and cover the debris with fill material using a dozer. We will move the debris mounds toward the west. The dozer will push large debris into non-conveying arroyos. The equipment will then compact and level the debris area. After the area is level, (1) one foot depth of cover material will be placed on the debris in even lifts. The fill material can be taken with a scraper from the borrow pit across University Blvd. The dozer can be then used to final grade the area. We recommend that a trench be excavated near the shoulder of the adjacent roads, bordering the debris area. The proposed trench is shown on the attached site plan as well as a detail of the excavation and fill plan.

The trench will be used to convey and pond surface runoff and act as a deterrent to illegal entry of vehicles onto the site with trash. The attached table of suggested manpower, equipment, and time requirements is simply a indicator of the type of requirements necessary to complete this project.

LB/ems

xc: Abe Montano
Manuel Gonzales
Carlos Montoya


EXISTING DUMP SITE PLAN
TRENCH
EXISTING DUMP SITE OUTLINE
FINAL COVERED AREA
DISPOSAL AREA
BLVD
BORROW PIT
UNIVERSITY
VIEW POINT
RD.

THIS MICROIMAGE IS THE BEST POSSIBLE
REPRODUCTION DUE TO THE POOR QUALITY
OF THE ORIGINAL DOCUMENT

VIEW LOOKING EAST ON VIEWPOINT ROAD

VIEW LOOKING WEST ON VIEWPOINT ROAD

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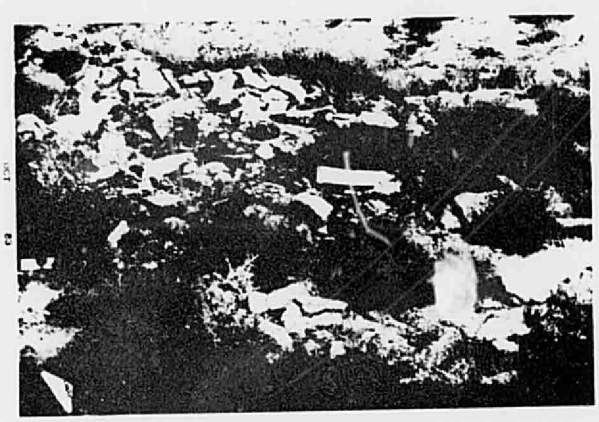
OF THE ORIGINAL DOCUMENT



DETAIL VIEW OF DUMP SITE

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DETIAL VIEW ON DUMP SITE

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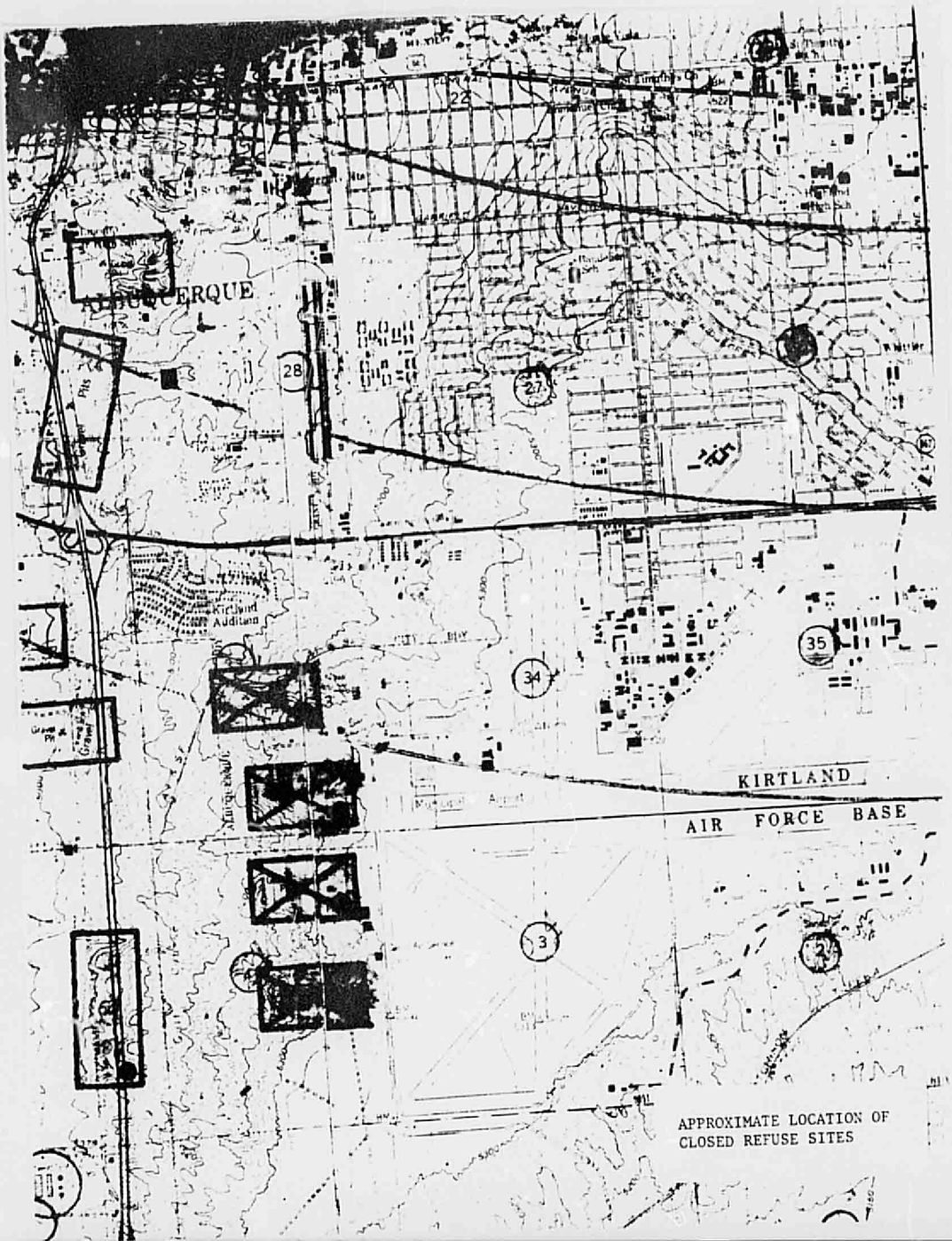
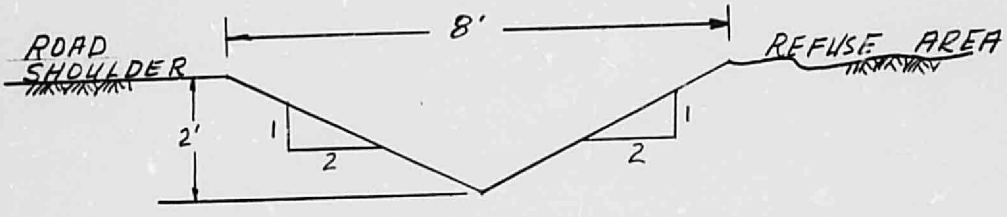


SUGGESTED MANPOWER, EQUIPMENT & TIME REQUIREMENTS

TASK	EQUIPMENT	CREW	TIME
1. MOBILIZATION A. BULLDOZER B. SCRAPER	 TRUCK, TRAILER TRUCK, TRAILER	 1 DRIVER 1 DRIVER	 1 DAY 1 DAY
2. MOVE REFUSE TO AREA	BULLDOZER	1 EQUIPMENT OPERATOR	2 DAYS
3. COMPACT REFUSE			
4. SPREAD COVER MATERIAL (5200 cy)			2 DAYS
5. CUT TRENCH (1500 Lineal Ft.)			½ DAY
6. STOCKPILE & PLACE FILL MATERIAL	SCRAPER (25 cyl) RATE est. @ 200 cy/hr	1 EQUIPMENT OPERATOR	3½ DAYS
7. DEMOBILIZATION A. BULLDOZER B. SCRAPER	 TRUCK, TRAILER TRUCK, TRAILER	 1 DRIVER 1 DRIVER	 1 DAY 1 DAY

TRENCH DETAIL



715-D9

FILE COPY

CITY OF ALBUQUERQUE

ALBUQUERQUE, NEW MEXICO

INTER-OFFICE CORRESPONDENCE November 22, 1983 REF. NO._____

TO: Gene Romo, Director, Department of Refuse and Services

FROM: Fred Aguirre, Design Hydrologist, MDD

SUBJECT: YALE BOULEVARD DUMP SITE

For the record, I have no objection to the proposed grading on the Yale Boulevard Dump Site; however, I would appreciate clarification regarding the following items:

1. How will the grading effect the existing storage capacity?

2. Will the grading change the existing discharge point(s) of the Basin.

3. Who will monitor the grading and verify compliance with the proposed grading scheme? Will we be advised upon completion of the grading?

FA:mrk

CITY OF ALBUQUERQUE

ALBUQUERQUE, NEW MEXICO

INTER-OFFICE CORRESPONDENCE January 23, 1984 REF. NO._____

TO: Fred Aguirre, Design Hydrologist, MDD

FROM: Carlos Montoya, P.E., Refuse & Services Department

SUBJECT: YALE BOULEVARD DUMP SITE

With regard to the interoffice correspondence of November 22, 1983, you asked for clarification regarding the following three items.

First, how will the grading affect the existing storage capacity? As shown on the following attachment, the runoff storage is located in non-conveying arroyos in the area labeled "disposal area". The area labeled "existing dump site" consists of mounds of discarded construction material and refuse which blocks and diverts the natural flow to the storage area. Therefore, the runoff storage area has never been an effective means of containing runoff. Included in the grading effort, a trench will be excavated on the edge of the paved road to contain and divert runoff which may accumulate at the west part of the property.

Second, will the grading change the existing discharge point(s) of the basin? Basicly the mounds of construction material and refuse divert and delay the surface runoff. The proposed grading will allow it to travel west. The road trench will intercept the flow and convey it to its normal discharge point.

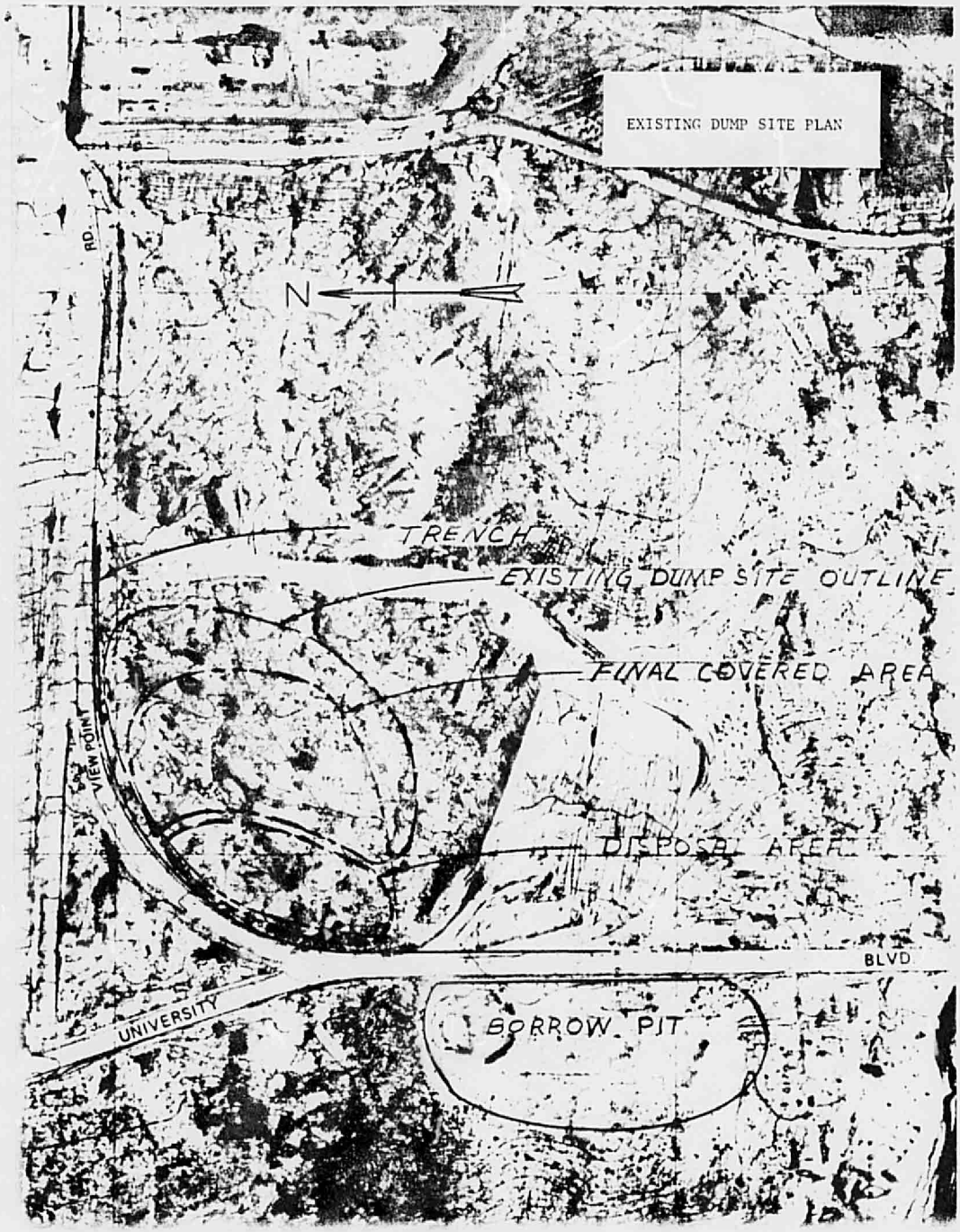
Third, who will monitor the grading and verify compliance? On October 26, 1983, a meeting was conducted to review the facts concerning the Yale Boulevard dump site. At this meeting it was decided that Mr. Bob Gill would initiate the work at the Yale site. Since Refuse is not doing the work, we are unable to control the grading. The completion date is controlled by Mr. Gill and the crews which will do the work.

CM:pep

Attachment

cc: Lawrence Baca, Planning & Evaluation Manager
Abe Montano, Solid Waste Systems Manager

M15-D19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