PUBLIC WORKS/HYDROLOGY

C21/D3

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C21/D3

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C-21/D3

1. OFFSITE FLOWS INTO POND NOT NECESSARY — LET THEM PASS THROUGH; DESILT IF NECESSARY

2. HAS AMAFCA SEEN THIS?
   " COUNTY PW " "

3. BAYS ARE LOCATED BACKWARDS

4. PORTION OF NORTH BAKA DAM TRACT B W/ BASEBALL FIELD JUST (N)

5. WORK ORDER FOR C-C GRADING DOWNSTREAM TO CHANNEL

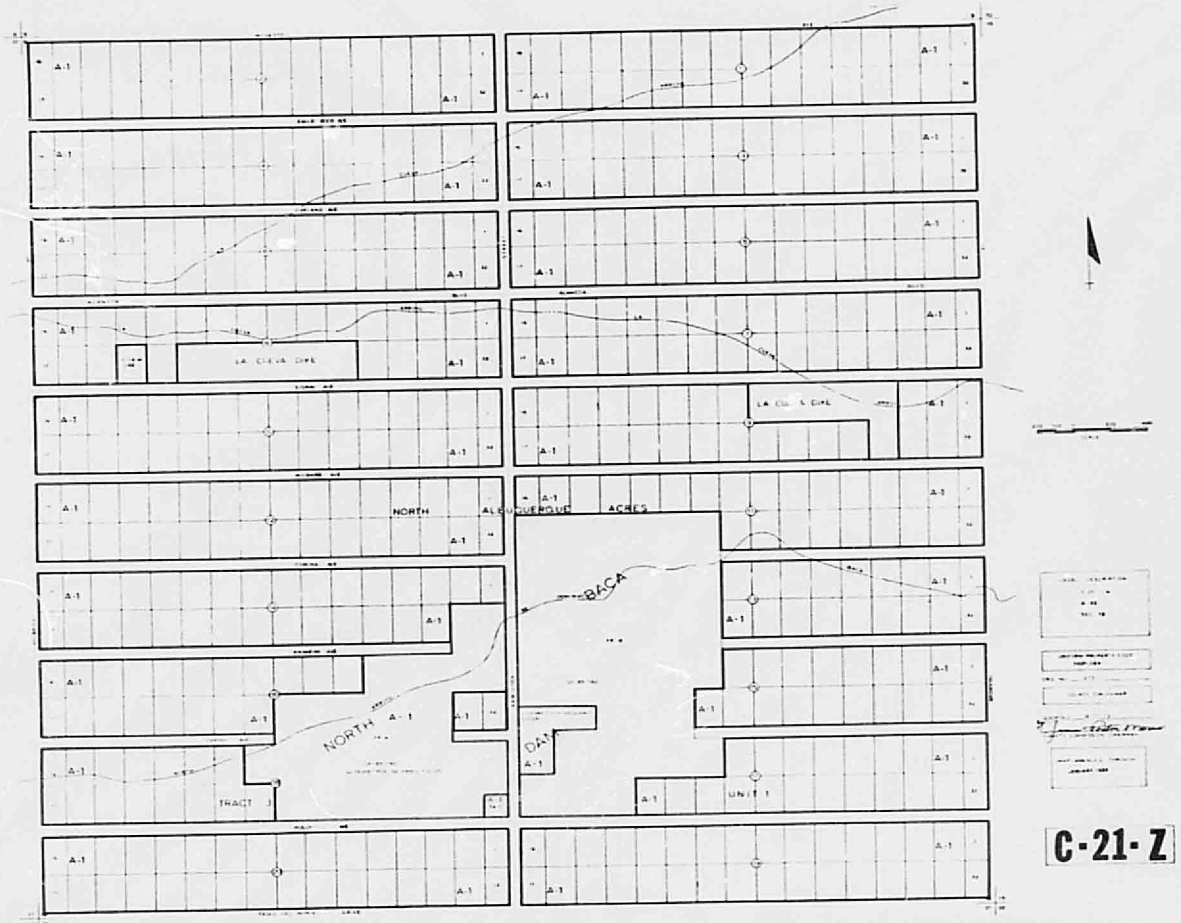
6. WHEN IS THIS SCHEDULED FOR DRB

GSR 10 JAN 90

8547
8110

A.K. KHERA

25×10 32×10



C-21-Z

32×
25×
0000 0000 1941

0000 0000 1448

City of Albuquerque
P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

January 15, 1990

Ray Macy, P.E.
Gardner, Mason & Associates, Inc.
2127 Menaul Boulevard, NE
Albuquerque, New Mexico 87107

RE: CONCEPTUAL GRADING AND DRAINAGE PLAN FOR THE NORTH DOMINGO BACA SOLID WASTE CONVENIENCE CENTER, SUBMITTED DECEMBER 5, 1989 FOR SITE DEVELOPMENT PLAN APPROVAL (C-21/D3)

Dear Mr. Macy,

I have reviewed your submittal, referred to above, and have the following comments:

1. Offsite flows from the east may be channeled through the site without detention if practicable. A detention or retention pond leaves us with additional maintenance responsibilities.

2. If you have not done so already, please submit copies of your plan to the Bernalillo County Public Works Department and to AMAFCA for their review and comment.

3. For Building Permit/Work Order approvals, kindly add a detail to the plan showing a the contractor how to grade from the outlet of the grated inlet structure (detail C-C) to the arroyo, and calculations to show that the proposed graded channel will convey the drainage waters at a non-erosive speed.

Having attended to these three items, you may, if you wish, make your next submittal for Site Development and Building Permit approvals.

If you have any questions, or if I can be of any help, please call me at 768-2650.

Cordially,

Stuart Reeder

G. Stuart Reeder, P.E.
C.E./Hydrology

xc: Cliff Anderson, P.E., AMAFCA
Bob Foglesong, P.E., Bernalillo Co. PWD
Mr. Joe Waid, Project Mgr., COA

GSR

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DRAINAGE INFORMATION SH

PROJECT TITLE: North Baca Solid Waste Convenience Center ZONE ATLAS/DRNG. FILE #: C - 21 /D3

LEGAL DESCRIPTION: North Baca Dam Tract B

CITY ADDRESS: Hamilton Avenue, NE

ENGINEERING FIRM: Gardner, Mason & Associates, Inc. CONTACT: Adil Rizvi

ADDRESS: 2127 Menaul Blvd. NE PHONE: 881-3846

OWNER: City of Albuquerque CONTACT: Joe Waid

ADDRESS: P. O. Box 5174 PHONE: (505) 768-3667

ARCHITECT: Black & Veatch CONTACT: Vince Meyer

ADDRESS: PHONE: (505) 821-9491

SURVEYOR: City of Albuquerque CONTACT:

ADDRESS: PHONE:

CONTRACTOR: CONTACT:

ADDRESS: PHONE:

RECEIVED DEC 05 1989 HYDROLOGY SECTION

PRE-DESIGN MEETING:

X YES

__ NO

X COPY OF CONFERENCE RECAP SHEET PROVIDED

DRB NO. __

EPC NO. __

PROJ. NO. __

TYPE OF SUBMITTAL:

__ DRAINAGE REPORT

__ DRAINAGE PLAN

X CONCEPTUAL GRADING & DRAINAGE PLAN

__ GRADING PLAN

__ EROSION CONTROL PLAN

__ ENGINEER'S CERTIFICATION

CHECK TYPE OF APPROVAL SOUGHT:

__ SKETCH PLAT APPROVAL

__ PRELIMINARY PLAT APPROVAL

X SITE DEVELOPMENT PLAN APPROVAL

__ FINAL PLAT APPROVAL

__ BUILDING PERMIT APPROVAL

__ FOUNDATION PERMIT APPROVAL

__ CERTIFICATE OF OCCUPANCY APPROVAL

__ ROUGH GRADING PERMIT APPROVAL

__ GRADING/PAVING PERMIT APPROVAL

__ OTHER __ (SPECIFY)

DATE SUBMITTED: November 29, 1989

BY: Adil Rizvi

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GARDNER, MASON & ASSOCIATES, INC.
ENGINEERS & PLANNERS

November 28, 1989

RECEIVED
DEC 05 1989
HYDROLOGY SECTION

Mr. Stuart Reeder
City of Albuquerque
P. O. Box 1293
Albuquerque, NM 87103

RE: CONCEPTUAL GRADING AND DRAINAGE PLAN FOR NORTH BACA SOLID WASTE CONVENIENCE CENTER

Dear Mr. Reeder,

We are pleased to transmit the preliminary Grading and Drainage Plan for the above referenced project.

As per communications with the City of Albuquerque (COA) Transportation Department, it is our understanding that Hamilton Avenue will be developed in the future. The proposed elevations within the property were set to accommodate any future development that may lead to the raising of the grades along Hamilton Avenue as a result of a future drainage structure over the Domingo Baca Arroyo.

A ponding area is provided on the east end of the project to accommodate 100-year offsite flow. In the event the pond volume is exceeded, a curb cut is provided at the east edge of the interior roadway to allow the water to freely flow over the interior streets into Hamilton Avenue.

If you should have any questions, please feel free to call me.

Sincerely,

GARDNER, MASON AND ASSOCIATES, INC.

AdilRizvi

Adil Rizvi
Project Engineer

AR:jgb dsk68

CHECK w/ HARMON @ DRB

2127 MENAUL BLVD., N.E. ALBUQUERQUE, N.M. 87107 (505) 881-3846
132 W. LAS CRUCES AVE. LAS CRUCES, N.M. 88001 (505) 525-8057

25×10 32×10

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
UTILITY DEVELOPMENT DIVISION/HYDROLOGY SECTION

PRE-DESIGN CONFERENCE

DRAINAGE FILE/ZONE ATLAS PAGE NO.: C-21 DATE: 7 NOV 89 @ 1500

EPC NO.: _____ DRB NO.: _____ ZONE: A-1

SUBJECT: NORTH DOMINGA BACA CONVENIENCE CENTER (SOLID WASTE)

STREET ADDRESS: HAMILTON & HOLLYWOOD NE

LEGAL DESCRIPTION: TRACT B, NORTH ALBUQUERQUE ACRES

APPROVAL REQUESTED:

___	PRELIMINARY PLAT	___	FINAL PLAT
✓	SITE DEVELOPMENT PLAN	✓	BUILDING PERMIT
___	GRADING/PAVING PERMIT	___	OTHER

ATTENDANCE:

WHO	REPRESENTING
ADIL RIZVI	GARDNER MASON
STUART REEDER	COA HYDROLOGY

FINDINGS:

I SUGGEST A ~~SKETCH~~ CONCEPTUAL PLAN REVIEW SESSION WITH THE DRB. THIS WILL ESTABLISH THE REQUIREMENTS FOR WATER & SEWER, AND FOR PAVING BOTH HOLLYWOOD AND INSTALLING A BRIDGE ON HAMILTON.

FOR DRAINAGE CRITERIA: FREE DISCHARGE TO THE NORTH DOMINGA BACA IS APPROPRIATE. OFFSITE FLOWS MUST BE ACCEPTED AND ROUTED TO THE ARROYO.

The undersigned agrees that the above findings are summarized accurately and are only subject to change if further investigation reveals that they are not reasonable or that they are based on inaccurate information.

SIGNED:	G S Reeder, III	SIGNED:	Adil Rizvi
TITLE:	CE/Hydrology	TITLE:	Engineer
DATE:	7 Nov 89	DATE:	7th Nov 89

NOTE PLEASE PROVIDE A COPY OF THIS PRE-DESIGN FORM WITH THE DRAINAGE SUBMITTAL.

25×10 32×10

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PLANS/PLATS ON FILE

FILE DESC: C21/D3

PLANS/PLATS 1

25×10 32×10

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