CITY OF ALBUQUERQUE

November 14, 2005

Martin J. Garcia, P.E.
ABQ Engineering, Inc.
6739 Academy NE – Suite 130
Albuquerque, NM 87109

Re: Montessa Park Laboratory Facility, 3400 Los Picaros Rd. SE
Grading & Drainage Plan-Engineer's Stamp dated 10-31-05 (P17-D2)

Dear Mr. Garcia,

Based upon the information provided in your submittal dated 11-8-05, the above referenced plan is approved as amended for Building Permit. Please attach a copy of this approved plan to the construction sets prior to sign-off by Hydrology. Prior to release of the Certificate of Occupancy an Engineer's Certification of the grading plan per the DPM checklist will be required.

If you have any questions, you can contact me at 924-3990.

Sincerely,

Phillip J. Lovato, E.I., C.F.M.
Engineering Associate, Hydrology,
Development and Building Services,
Planning Department

cc: file

P.O. Box 1293
Albuquerque
New Mexico 87103
www.cabq.gov

P-17/D2

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/28/2003rd)

PROJECT TITLE: Montessa Park Laboratory Facility
ZONE MAP/DRG. FILE #: P-17
DRB #: _____ EPC#: _____
WORK ORDER#: _____

LEGAL DESCRIPTION: S1/2 of SW 1/4 T9n R3E Section 10 Montessa Park
CITY ADDRESS: _____

ENGINEERING FIRM: ABQ Engineering Inc.
ADDRESS: 6739 Academy NE Suite 130
CITY, STATE: Albuquerque, NM
CONTACT: Martin J. Garcia
PHONE: 255-7802
ZIP CODE: 87109

OWNER: City of Albuquerque, E Health
ADDRESS: _____
CITY, STATE: _____
CONTACT: _____
PHONE: _____
ZIP CODE: _____

ARCHITECT: _____
ADDRESS: _____
CITY, STATE: _____
CONTACT: _____
PHONE: _____
ZIP CODE: _____

SURVEYOR: _____
ADDRESS _____
CITY, STATE: _____
CONTACT: _____
PHONE: _____
ZIP CODE: _____

CONTRACTOR: _____
ADDRESS: _____
CITY, STATE: _____
CONTACT: _____
PHONE: _____
ZIP CODE: _____

CHECK TYPE OF SUBMITTAL:

- ____ DRAINAGE REPORT
- ____ DRAINAGE PLAN 1st SUBMITTAL, ***REQUIRES TCL or equal***
- ____ DRAINAGE PLAN RESUBMITTAL
- ____ CONCEPTUAL GRADING & DRAINAGE PLAN
- ✓ GRADING PLAN Reused
- ____ EROSION CONTROL PLAN
- ____ ENGINEER'S CERTIFICATION (HYDROLOGY)
- ____ CLOMR/LOMR
- ____ TRAFFIC CIRCULATION LAYOUT (TCL)
- ____ ENGINEERS CERTIFICATION (TCL)
- ____ ENGINEERS CERTIFICATION (DRB APPR. SITE PLAN)
- ____ OTHER

CHECK TYPE OF APPROVAL SOUGHT:

- ____ SIA / FINANCIAL GUARANTEE RELEASE
- ____ PRELIMINARY PLAT APPROVAL
- ____ S. DEV. PLAN FOR SUB'D. APPROVAL
- ____ S. DEV. PLAN FOR BLDG. PERMIT APPROVAL
- ____ SECTOR PLAN APPROVAL
- ____ FINAL PLAT APPROVAL
- ____ FOUNDATION PERMIT APPROVAL
- ✓ BUILDING PERMIT APPROVAL
- ____ CERTIFICATE OF OCCUPANCY (PERM.)
- ____ CERTIFICATE OF OCCUPANCY (TEMP.)
- ____ GRADING PERMIT APPROVAL
- ____ PAVING PERMIT APPROVAL
- ____ WORK ORDER APPROVAL
- ____ OTHER (SPECIFY)

WAS A PRE-DESIGN CONFERENCE ATTENDED:

- ____ YES
- ✓ NO
- ____ COPY PROVIDED

DATE SUBMITTED: ~~11/8/05~~ 11/8/05 BY: _____

Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature , location and scope ot the proposed development defines the degree of drainage detail. One or more of the following levels of submittal may be required based on the following:

1. **Conceptual Grading and Drainage Plan**: Required for approval of Site Development Plans greater than five (5) acres and Sector Plans.
2. **Drainage Plans**: Required for building permits, grading permits, paving permits and site plans less than five (5) acres.
3. **Drainage Report**: Required for subdivisions containing more than ten (10) lots or constituting five (5) acres or more.

RECEIVED
NOV 08 2005
HYDROLOGY SECTION

ABQ Engineering, Inc.
Engineers ▪ Planners ▪ Construction Services

November 8, 2005

Mr. Bradley L. Bingham, PE
Principal Engineer, Planning Dept.
Development and Building Services
City of Albuquerque
600 2nd Street NW
Albuquerque, NM 87102

RE: Re-Submital of Grading and Drainage Plan for Montessa Park Laboratory Facility
P17-D3.

Dear Mr. Bingham:

Enclosed herewith is the Revised Grading and Drainage plan for Montessa Park Laboratory Facility. During the design phase the owner has increased the size of the building to be constructed, and this plan was amended to reflect the current building layout.

Please call me if you have any questions or require additional information.

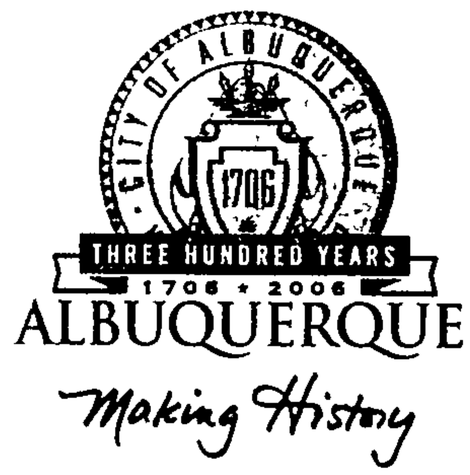
Sincerely,

Martin J. Garcia, PE
ABQ Engineering
24158
25136

RECEIVED
NOV 08 2005
HYDROLOGY SECTION

6739 Academy Rd. NE, Suite 130 ▪ Albuquerque, New Mexico 87109 ▪ (505) 255-7802 ▪ Fax (505) 255-7902

CITY OF ALBUQUERQUE



November 3, 2005

Garrett Smith, R.A.
Garrett Smith Ltd.
514 Central Ave. SW
Albuquerque, NM 87102

Re: Montessa Park Lab Facility, 3400 Los Picaros Rd. SE
Traffic Circulation Layout-Architect's Stamp dated 10-25-05 (P17-D2)

Dear Mr. Smith,

The TCL submittal received 10-25-05 is approved for Building Permit. The plan is stamped and signed as approved. A copy of this plan shall be inserted into each set of the building permit plans. Please keep the original to be used for final C.O. certification of the site required by Transportation.

If a temporary CO is needed, a copy of the original TCL that was stamped as approved by the City will be needed. This plan must include a statement that identifies the outstanding items that need to be constructed or the items that have not been built in "substantial compliance," as well as the signed and dated stamp of a NM registered architect or engineer. Submit this TCL with a completed Drainage and Transportation Information Sheet to Hydrology at the Development Services Center of Plaza Del Sol Building.

When the site is completed and a final C.O. is requested, use the original City stamped approved TCL for certification. A NM registered architect or engineer must stamp, sign, and date the certification TCL along with indicating that the development was built in "substantial compliance" with the TCL. Submit this certification TCL with a completed Drainage and Transportation Information Sheet to Hydrology at the Development Services Center of Plaza Del Sol Building.

Once verification of certification is completed and approved, notification will be made to Building Safety to issue Final C.O. To confirm that a final C.O. has been issued, call Building Safety at 924-3306.

P.O. Box 1293
Albuquerque
New Mexico 87103
www.cabq.gov

Sincerely,

Phillip J. Lovato

Phillip J. Lovato, E.I., C.F.M.
Engineering Associate, Planning Dept.
Development and Building Services

cc: file

DRAINAGE AND TRANSPORTATION INFORMATION SHEET P-17/D2
(Rev. 06/22/2005)

PROJECT TITLE: Montessa Park Lab Facility
DRB#: _____ EPC#: _____
ZONE MAP/DRG. FILE #: ~~P-17-Z~~
WORK ORDER#: 721204
City Project #

LEGAL DESCRIPTION: Tract in South Half of Southwest Quarter
CITY ADDRESS: T9N, R3E, Section 10, Montessa Park
3400 Los Picaros Road, SE Abq. NM

ENGINEERING FIRM: ABQ Engineering — CONTACT: Roni Booth
ADDRESS: 6739 Academy Rd NE — PHONE: 255-7802
CITY, STATE: Abq. NM — ZIP CODE: 87109

OWNER: City of Abq. Dept of Environment — CONTACT: Ralph Gruebel
ADDRESS: One Civic Plaza Box 1293 — PHONE: 768-2658
CITY, STATE: Abq. NM — ZIP CODE: 87103

ARCHITECT: Gruett Smith Ltd. — CONTACT: Laurence Mezd
ADDRESS: 514 Central Ave SW — PHONE: 766-6968
CITY, STATE: Abq. NM — ZIP CODE: 87102

SURVEYOR: ABQ Engineering — CONTACT: Roni Booth
ADDRESS: 6739 Academy Rd. NE — PHONE: 255-7802
CITY, STATE: Abq. NM — ZIP CODE: 87109

CONTRACTOR: NA — CONTACT: _____
ADDRESS: _____ — PHONE: _____
CITY, STATE: _____ — ZIP CODE: _____

TYPE OF SUBMITTAL:
- ____ DRAINAGE REPORT
- ____ DRAINAGE PLAN 1st SUBMITTAL
- ____ DRAINAGE PLAN RESUBMITTAL
- ____ CONCEPTUAL G & D PLAN
- ____ GRADING PLAN
- ____ EROSION CONTROL PLAN
- ____ ENGINEER'S CERT (HYDROLOGY)
- ____ CLOMR/LOMR
- X TRAFFIC CIRCULATION LAYOUT (Resub)
- ____ ENGINEER'S CERT (TCL)
- ____ ENGINEER'S CERT (DRB SITE PLAN)
- ____ OTHER

CHECK TYPE OF APPROVAL SOUGHT:
- ____ SIA/FINANCIAL GUARANTEE RELEASE
- ____ PRELIMINARY PLAT APPROVAL
- ____ S. DEV. PLAN FOR SUB'D APPROVAL
- ____ S. DEV. FOR BLDG. PERMIT APPROVAL
- ____ SECTOR PLAN APPROVAL
- ____ FINAL PLAT APPROVAL
- ____ FOUNDATION PERMIT APPROVAL
- X BUILDING PERMIT APPROVAL
- ____ CERTIFICATE OF OCCUPANCY (PERM)
- ____ CERTIFICATE OF OCCUPANCY (TEMP)
- ____ GRADING PERMIT APPROVAL
- ____ PAVING PERMIT APPROVAL
- ____ WORK ORDER APPROVAL
- ____ OTHER (SPECIFY)

WAS A PRE-DESIGN CONFERENCE ATTENDED:
- ____ YES
- X NO
- ____ COPY PROVIDED

RECEIVED
OCT 25 2005
HYDROLOGY SECTION

SUBMITTED BY: T. Laurence Mezd — DATE: 10/25/05

Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location and scope to the proposed development defines the degree of drainage detail. One or more of the following levels of submittal may be required based on the following:

1. **Conceptual Grading and Drainage Plan**: Required for approval of Site Development Plans greater than five (5) acres and Sector Plans.
2. **Drainage Plans**: Required for building permits, grading permits, paving permits and site plans less than five (5) acres.
3. **Drainage Report**: Required for subdivision containing more than ten (10) lots or constituting five (5) acres or more.

CITY OF ALBUQUERQUE

November 30, 2004

Martin Garcia, P.E.
ABQ Engineering
6739 Academy Rd. Suite 130 NE
Albuquerque, NM 87109

Re: Montessa Park Laboratory Facility, Grading and Drainage Plan
Engineer's Stamp dated 10-12-04 (P17-D~~1~~2)

Dear Mr. Garcia,

Based upon the information provided in your submittal received 10-14-04, the above referenced plan is approved for Building Permit. Please attach a copy of this approved plan to the construction sets prior to sign-off by Hydrology. Prior to Certificate of Occupancy release, Engineer Certification per the DPM checklist will be required.

If you have any questions, you can contact me at 924-3981.

Sincerely,

Kristal D. Metro
Engineering Associate, Planning Dept.
Development and Building Services

C: File

P.O. Box 1293
Albuquerque
New Mexico 87103
www.cabq.gov

CITY OF ALBUQUERQUE

THREE HUNDRED YEARS
1706 * 2006
ALBUQUERQUE
Making History

March 3, 2005

Garrett Smith, R.A.
Garrett Smith LTD
514 Central SW
Albuquerque, NM 87102

Re: Montessa Park Lab Facility, Traffic Circulation Layout
Architect's Stamp dated 3-1-05 (P-17/D2)

Dear Mr.Smith,

The TCL submittal received 3-1-05 is approved for Building Permit. The plan is stamped and signed as approved. A copy of this plan will be needed for each of the building permit plans. Please keep the original to be used for certification of the site for final C.O. for Transportation.

If a temporary CO is needed, a copy of the original TCL that was stamped as approved by the City will be needed. This plan must include a statement that identifies the outstanding items that need to be constructed or the items that have not been built in "substantial compliance," as well as the signed and dated stamp of a NM registered architect or engineer. Submit this TCL with a completed Drainage and Transportation Information Sheet to Hydrology at the Development Services Center of Plaza Del Sol Building.

When the site is completed and a final C.O. is requested, use the original City stamped approved TCL for certification. A NM registered architect or engineer must stamp, sign, and date the certification TCL along with indicating that the development was built in "substantial compliance" with the TCL. Submit this certification TCL with a completed Drainage and Transportation Information Sheet to Hydrology at the Development Services Center of Plaza Del Sol Building.

Once verification of certification is completed and approved, notification will be made to Building Safety to issue Final C.O. To confirm that a final C.O. has been issued, call Building Safety at 924-3306.

Sincerely,

Wilfred Gallegos, PE
Traffic Engineer, Planning Dept.
Development and Building Services

cc: file

P.O. Box 1293
Albuquerque
New Mexico 87103
www.cabq.gov

P-17/D2

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/28/2003rd)

PROJECT TITLE: Montessa Park Lab Facility ZONE MAP/DRG. FILE #: ~~P-17-2~~
DRB #: _____ EPC#: _____ WORK ORDER#: _____

LEGAL DESCRIPTION: Tract in South Half of Southwest Quarter T9N R3E Section 10 Montessa Park
CITY ADDRESS: 3400 Los Picaros Rd NE Albuquerque NM 87102

ENGINEERING FIRM: ABQ Engineering CONTACT: Martin Garcia
ADDRESS: 6739 Academy Rd. NE Suite 130 PHONE: 255-7802
CITY, STATE: Albuquerque NM 87113 ZIP CODE: 87113

OWNER: CoA Dept of Environmental Health CONTACT: Leo Bolton
ADDRESS: One Civic Plaza PO Box 1293 PHONE: 768-2600
CITY, STATE: Albuquerque NM 87103 ZIP CODE: _____

ARCHITECT: Garrett Smith CONTACT: Lawrence Merel
ADDRESS: 514 Central Ave SW PHONE: 766-6968
CITY, STATE: Albuquerque NM 87102 ZIP CODE: 87102

SURVEYOR: _____ CONTACT: _____
ADDRESS _____ PHONE: _____
CITY, STATE: _____ ZIP CODE: _____

CONTRACTOR: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____
CITY, STATE: _____ ZIP CODE: _____

CHECK TYPE OF SUBMITTAL:

____ DRAINAGE REPORT
____ DRAINAGE PLAN 1st SUBMITTAL, ***REQUIRES TCL or equal***
____ DRAINAGE PLAN RESUBMITTAL
____ CONCEPTUAL GRADING & DRAINAGE PLAN
____ GRADING PLAN
____ EROSION CONTROL PLAN
____ ENGINEER'S CERTIFICATION (HYDROLOGY)
____ CLOMR/LOMR
X TRAFFIC CIRCULATION LAYOUT (TCL)
____ ENGINEERS CERTIFICATION (TCL)
____ ENGINEERS CERTIFICATION (DRB APPR. SITE PLAN)
____ OTHER

CHECK TYPE OF APPROVAL SOUGHT:

____ SIA / FINANCIAL GUARANTEE RELEASE
____ PRELIMINARY PLAT APPROVAL
____ S. DEV. PLAN FOR SUB'D. APPROVAL
____ S. DEV. PLAN FOR BLDG. PERMIT APPROVAL
____ SECTOR PLAN APPROVAL
____ FINAL PLAT APPROVAL
____ FOUNDATION PERMIT APPROVAL
X BUILDING PERMIT APPROVAL
____ CERTIFICATE OF OCCUPANCY (PERM.)
____ CERTIFICATE OF OCCUPANCY (TEMP.)
____ GRADING PERMIT APPROVAL
____ PAVING PERMIT APPROVAL
____ WORK ORDER APPROVAL
____ OTHER (SPECIFY)

RECEIVED
FEB 22 2005
HYDROLOGY SECTION

WAS A PRE-DESIGN CONFERENCE ATTENDED:

____ YES
X NO
____ COPY PROVIDED

DATE SUBMITTED: 2/18/05 BY: T. Lawrence Merel

Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature , location and scope ot the proposed development defines the degree of drainage detail. One or more of the following levels of submittal may be required based on the following:

1. **Conceptual Grading and Drainage Plan:** Required for approval of Site Development Plans greater than five (5) acres and Sector Plans.
2. **Drainage Plans:** Required for building permits, grading permits, paving permits and site plans less than five (5) acres.
3. **Drainage Report:** Required for subdivisions containing more than ten (10) lots or constituting five (5) acres or more.

GARRETT SMITH LTD
DESIGN, ARCHITECTURE & DEVELOPMENT

E-MAIL gsl@garrett-smith-ltd.com

510 CENTRAL SW
ALBUQUERQUE
NEW MEXICO 87102
505 243-0000
FAX 243-0001

TRANSMITTAL

TO Wilfred Gallegos
ATTN: COA Traffic Engr.

DATE/TIME 3/1/05
FROM F. L. Mezd
REGARDING Montesa Park

WE ARE SENDING YOU ☑ ATTACHED ☐ VIA FAX:

THE FOLLOWING: ☐ SHOP DRAWINGS ☐ CHANGE ORDER ☑ PRINTS
☐ SPECIFICATIONS ☐ PAY REQUEST ☐ LETTER

COPIES	DATE	NO.	DESCRIPTION
4 copies			REVISED TCL

THESE ARE TRANSMITTED AS CHECKED BELOW:

☐ FOR APPROVAL
☐ FOR YOUR USE
☑ AS REQUESTED
☐ FOR REVIEW AND COMMENT

☐ APPROVED AS SUBMITTED
☐ APPROVED AS NOTED
☐ RETURNED FOR CORRECTION
☐ RETAIN ONE COPY FOR YOUR FILE

☐ RESUBMIT
☐ RETURN
☐ SUBMIT
☐

REMARKS Thanks!

COPY TO: File

SIGNED F. Lawrence Mezd

SHEET 1 OF 1 INCLUDING THIS SHEET

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

June 17, 2003

J. Arthur Blessen, P.E.
Claudio Vigil Architects
1801 Rio Grande Blvd NW
Albuquerque, New Mexico 87104

RE: MONTESSA PARK CONVENIENCE CENTER (P-17/D2)
(3512 Los Picaros Rd SE) (Solid Waste Management Facility)
ENGINEERS CERTIFICATION FOR CERTIFICATE OF OCCUPANCY
ENGINEERS STAMP DATED 4/30/2002
ENGINEERS CERTIFICATION DATED 6/10/2003

Dear Art:

Based upon the information provided in your Engineers Certification submittal dated 6/12/2003, the above referenced site is approved for Permanent Certificate of Occupancy.

If I can be of further assistance, please contact me at 924-3981.

Sincerely,

Teresa A. Martin
Hydrology Plan Checker
Development & Building Services Division
BLB

C: Certificate of Occupancy Clerk, COA
drainage file
approval file

DRAINAGE AND TRANSPORTATION INFORMATION SHEET
(REV. 1/28/2003rd)

PROJECT TITLE: Montessa Park Convenience Center ZONE MAP/DRG. FILE #: P17 - D2
DRB #: _____ EPC#: _____ WORK ORDER#: _____

LEGAL DESCRIPTION: _____
CITY ADDRESS: 3512 Los Pizarros Road

ENGINEERING FIRM: Claudio Vigil Architects CONTACT: Arthur Blessen
ADDRESS: 1801 Rio Grande Bldg PHONE: 842-1113
CITY, STATE: Albuquerque NM ZIP CODE: 87104

OWNER: City of Albuquerque - Solid Waste Management CONTACT: _____
ADDRESS: _____ PHONE: _____
CITY, STATE: _____ ZIP CODE: _____

ARCHITECT: Claudio Vigil Architects CONTACT: Arthur Blessen
ADDRESS: 1801 Rio Grande Bldg PHONE: 842-1113
CITY, STATE: Albuquerque NM ZIP CODE: 87104

SURVEYOR: _____ CONTACT: _____
ADDRESS _____ PHONE: _____
CITY, STATE: _____ ZIP CODE: _____

CONTRACTOR: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____
CITY, STATE: _____ ZIP CODE: _____

CHECK TYPE OF SUBMITTAL:

____ DRAINAGE REPORT
____ DRAINAGE PLAN 1st SUBMITTAL, ***REQUIRES TCL or equal***
____ DRAINAGE PLAN RESUBMITTAL
____ CONCEPTUAL GRADING & DRAINAGE PLAN
____ GRADING PLAN
____ EROSION CONTROL PLAN
X ENGINEER'S CERTIFICATION (HYDROLOGY)
____ CLOMR/LOMR
____ TRAFFIC CIRCULATION LAYOUT (TCL)
X ENGINEERS CERTIFICATION (TCL)
____ ENGINEERS CERTIFICATION (DRB APPR. SITE PLAN)
____ OTHER

CHECK TYPE OF APPROVAL SOUGHT:

____ SIA / FINANCIAL GUARANTEE RELEASE
____ PRELIMINARY PLAT APPROVAL
____ S. DEV. PLAN FOR SUB'D. APPROVAL
____ S. DEV. PLAN FOR BLDG. PERMIT APPROVAL
____ SECTOR PLAN APPROVAL
____ FINAL PLAT APPROVAL
____ FOUNDATION PERMIT APPROVAL
____ BUILDING PERMIT APPROVAL
X CERTIFICATE OF OCCUPANCY (PERM.)
____ CERTIFICATE OF OCCUPANCY (TEMP.)
____ GRADING PERMIT APPROVAL
____ PAVING PERMIT APPROVAL
____ WORK ORDER APPROVAL
____ OTHER (SPECIFY)

WAS A PRE-DESIGN CONFERENCE ATTENDED:

____ YES
____ NO
____ COPY PROVIDED

RECEIVED
JUN 12 2003
HYDROLOGY SECTION

DATE SUBMITTED: _____ BY: J. Arthur Blessen

Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature , location and scope ot the proposed development defines the degree of drainage detail. One or more of the following levels of submittal may be required based on the following:

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2. **Drainage Plans:** Required for building permits, grading permits, paving permits and site plans less than five (5) acres.
3. **Drainage Report:** Required for subdivisions containing more than ten (10) lots or constituting five (5) acres or more.

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

Planning Department
Transportation Development Services Section

May 13, 2003

Claudio Antonio Vigil, Registered Architect
1801 Rio Grande NW
Albuquerque, NM 87104

Re: Certification Submittal for Final Building Certificate of Occupancy for
Solid Waste Management Department
Montessa Park Convenience Center, [P-17 / D2]
3512 Los Picaros Road SE
Architect's Stamp Dated 06/11/03

Dear Mr. Vigil:

The TCL / Letter of Certification submitted on June 12, 2003 is sufficient for acceptance by this office for final Certificate of Occupancy (C.O.). Notification has been made to the Building and Safety Section.

Sincerely,

Nilo E. Salgado-Fernandez, P.E.
Senior Traffic Engineer
Development and Building Services
Planning Department

c: Engineer
Hydrology file
CO Clerk

THE CITY OF ALBUQUERQUE IS AN EQUAL OPPORTUNITY/REASONABLE ACCOMMODATION EMPLOYER

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

May 9, 2002

J. Arthur Blessen
Claudio Vigil Architects
1801 Rio Grande Boulevard NW
Suite 2
Albuquerque, New Mexico 87104

RE: Drainage and Grading Plan for Montessa Park Convenience Center (P17-D2)
Dated April 30, 2002

Dear Mr. Blessen:

The above referenced drainage plan submitted April 30, 2002 is approved for building permit. Upon completion of the project the engineer needs to certify the project per the DPM.

If you have any questions please contact me 924-3982.

Sincerely,

Carlos A. Montoya
City Floodplain Administrator

THE CITY OF ALBUQUERQUE IS AN EQUAL OPPORTUNITY/REASONABLE ACCOMMODATION EMPLOYER

CITY OF
Albuquerque

March 3, 1998

James Alarid
Chavez-Grieves
5639 Jefferson NE
Albuquerque, NM 87109

RE: MONTESSA PARK CONVENIENCE CENTER (P17-D2). DRAINAGE REPORT FOR BUILDING PERMIT APPROVAL. ENGINEER'S STAMP DATED FEBRUARY 11, 1997.

Dear Mr. Alarid:

Based on the information provided on your February 12, 1998 submittal, the above referenced project is approved for Building Permit.

An Engineer's Certification will be required prior to Certificate of Occupancy approval.

If I can be of further assistance, please feel free to contact me at 924-3984.

Sincerely,

Lisa Ann Manwill, P.E.
Hydrology

c: Andrew Garcia
File

P17/D2

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

RECEIVED
AUG 15 1991
HYDROLOGY DIVISION

August 13, 1991

PROJECT ACCEPTANCE LETTER

George Wylie
The Wylie Corporation
5820 Wilshire Blvd. N.E.

RE: MONTESSA PARK CONVENIENCE CENTER, PROJECT NO. 4009.90

Dear Mr. Wylie:

The above referenced project has been completed according to the plans and specifications. The project consisted of the construction of an open air, small scale, solid waste transfer station for use by private citizens. Site preparation and earthwork, concrete curb and gutter, asphaltic and concrete pavement, an earth retaining structure, chain link fence and enclosures, landscaping, drip irrigation system and a residential grade gate house are included in this project.

The City of Albuquerque accepts the referenced project as a whole and the contractual correction period began July 1, 1991. The correction period on this project is for one (1) year.

Sincerely,

Brian L. Speicher, P.E.
Chief Construction Engineer
Public Works Department

BLS:tjp

cc: Black and Veatch
Gene Romo, Solid Waste Department
Joe Chavez, Solid Waste Department
Jim Hicks, Engineering Group, PWD
Mike Fellman, CIP Office
Denise Wilcox, Engineering Group, PWD
Martin Barker, Engineering Group, PWD
Fred Aguirre, Engineering Group, PWD
Terri Martin, Engineering Group, PWD
Martin Barker, Engineering Group, PWD
Steve Gonzales, Special Assessments
A. N. Gaume, Operations Group, PWD
Sam Hall, Operations Group, PWD
Jim Fink, Operations Group, PWD
Ray Chavez, Engineering Group, PWD
Greg Olson, Water/Wastewater Group, PWD
Dave Parks, Engineering Group, PWD
Tom Kennerly, Engineering Group, PWD
Josie Gutierrez, New Meter Sales, Finance Group, PWD
Claudia Gallegos, Standby Clerk, Finance, PWD
Richard Zamora, Engineering Group, PWD
f/Project No. 4009.90
f/Readers
f/Warranty:Contract

RECEIVED
JUN - 5 1990
HYDROLOGY DIVISION

CONFERENCE MEMORANDUM

City of Albuquerque
Montessa Park Convenience Center
Proposed Changes

B&V Project 15954.300
B&V File C01G/001
May 29, 1990

The meeting was held in the Conference Room at the Public Works Department Administrative offices at 3:30 pm on May 24, 1990.

ATTENDEES:

City of Albuquerque

Robert Gurule - PWD
Gene Romo - SWMD
Dewey Cave - SWMD
Robert Kane - PWD
Everett Naranjo - SWMD
Mary Lee Dereske - PWD
Gilbert Aldaz - PWD
Dave Harmon - PWD
Robert Romero - Zoning

Black & Veatch

Michael Thomas
Vince Meyer

The purpose of the meeting was to discuss the proposed changes to the Montessa Park Solid Waste Convenience Centers.

Mr. Romo opened the meeting with a brief statement as to why changes were being proposed. Based on the operating experience at the temporary facility, the larger trailers will allow more vehicles to use each dumping bay before the trailer needs to be removed. Also, the trailers are designed for long hauling while the trucks carrying the open tops are not.

Mr. Thomas described the proposed changes and their impact on the site. The proposal revolves around substituting four or five 110 cubic yard capacity, open top trailers for the eight 40 cubic yard capacity, open top, roll-off containers originally used. This substitution requires a new truck/trailer entrance at the south end of the site with access from the existing dirt road and down a new ramp to the lower bay area. This new access will cross the road used by the private vehicles. The east exit at the north end of the site will also be modified to give the proper radius curve for a truck/trailer combination. The larger trailers will require an additional 5 vertical feet of retaining structure. This will impact the slope and grading of the site. The chain link enclosures over the dumping bays will have to be modified.

Confirmation No. 031

After Mr. Thomas described the proposed changes, the attendees reviewed the drawings one at a time and made the following comments:

1.	Transportation	a)	No greater than 4% slope for private vehicles backing up to tipping area.
		b)	Attempt to keep truck/trailer ramp around 8% slope.
2.	Hydrology	a)	Provide updated Drainage Plan.
		b)	Provide water block at new truck/trailer entrance to prevent water onto site at this location.
3.	Utility Development	-	No comment.
4.	Zoning Administration	-	No comment.

Overall the Public Works Department and Zoning Administration had no major objections to the proposed changes. Revisions to the existing drawings and the appropriate signatures in the revision block area would be sufficient to document the proposed changes.

tw

cc: Attendees

FILE COPY

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

July 18, 1990

Michael M. Thomas
Black & Veatch
5700 Harper Drive, NE Suite #240
Albuquerque, New Mexico 87109

RE: DRAINAGE PLAN FOR MONTESSA PARK SOLID WASTE CONVENIENCE CENTER, (P-17/D2) ENGINEER'S STAMP DATED JUNE 21, 1990

Dear Mr. Thomas:

Based on the information provided on your submittal of June 27, 1990, the referenced plan is approved for Building Permit.

Please attach a copy of this plan to the construction sets prior to sign-off by Hydrology.

Please be advised that prior to Certificate of Occupancy release, an Engineer's Certification will be required per the D.P.M. Engineer's Certification Checklist.

If you should have any questions, please do not hesitate to call me at 768-2650.

Cordially,

Gilbert Aldaz

Gilbert Aldaz, P.E. & L.S.
Civil Engineer/Hydrology

GA
(WP+1436)

BLACK & VEATCH
ENGINEERS-ARCHITECTS

TEL. (505) 821-9491

5700 HARPER DRIVE, N.E., SUITE 240
ALBUQUERQUE, NEW MEXICO 87109
FAX: (505) 821-1259

P-17/D2

City of Albuquerque
Convenience Centers

B&V Projects 15954/006
B&V Files C01D/008
June 26, 1990

City of Albuquerque
P.O. Box 1293
Albuquerque, New Mexico 87103

RECEIVED
JUL 27
HYDROLOGY DIVISION

Subject: Revised Drainage Plan

Attention: Mr. Gilbert Aldaz, P.E.
City/County Floodplain Administrator

Dear Mr. Aldaz:

The information provided in this letter and on the enclosed attachments is in response to your request of May 24, 1990 for a revised Drainage Plan for the Montessa Park Solid Waste Convenience Center. The Drainage Plan was updated to reflect the new site layout using four, 117 cubic yard capacity trailers in lieu of eight, 40 cubic yard capacity roll off containers. The purpose of this letter report is to supplement the original Drainage Plan dated April, 1990, as prepared by Gardner Mason and Associates. Any calculations or information not specifically revised by this letter report remains the same as shown in the Gardner Mason report. The two documents must be used in conjunction with each other.

The site revisions to accommodate the larger capacity trailers include a new truck entrance and ramp on the south end of the property, raising the elevation of the tipping floor approximately six feet, revising the profile of the private vehicle circulation road to accommodate the truck entrance and raised tipping floor, and enlarging the left hand curve at the east side exit. A reduced size copy of the original Drainage Plan, Sheet 1 of 2 has been included with the revised areas noted. The impact on the surface drainage on the site is minimal. We have not altered the original drainage concept. We have used the same drainage basins with some minor alterations in the southeast corner between Basin A and Basin B. The new truck ramp diverts some water that used to flow on the vehicle circulation road but the flow is still in Basin B and still exits the basin at the same location. The truck entrance is located at a local high spot on the existing dirt road. We have also included a valley gutter at the truck entrance, so no water will enter the site from offsite. The truck ramp adds some impervious

Confirmation No. 037

Mr. Gilbert Aldaz, P.E.
Convenience Centers

B&V Projects 15954/006
June 26, 1990

area to Basin B but we have also changed the asphalt area between the ramp and the last container bay back to soil, so the net change is negligible. We have attached copies of the calculations we performed to evaluate the impact of the revisions on the drainage calculations. We have concluded that there is no significant change in the drainage calculations. We have also enclosed a Revised Drainage Plan, Sheet 1A of 2 showing the new contours and site layout. All other information shown on the original plan, Sheets 1 and 2 of 2 still apply.

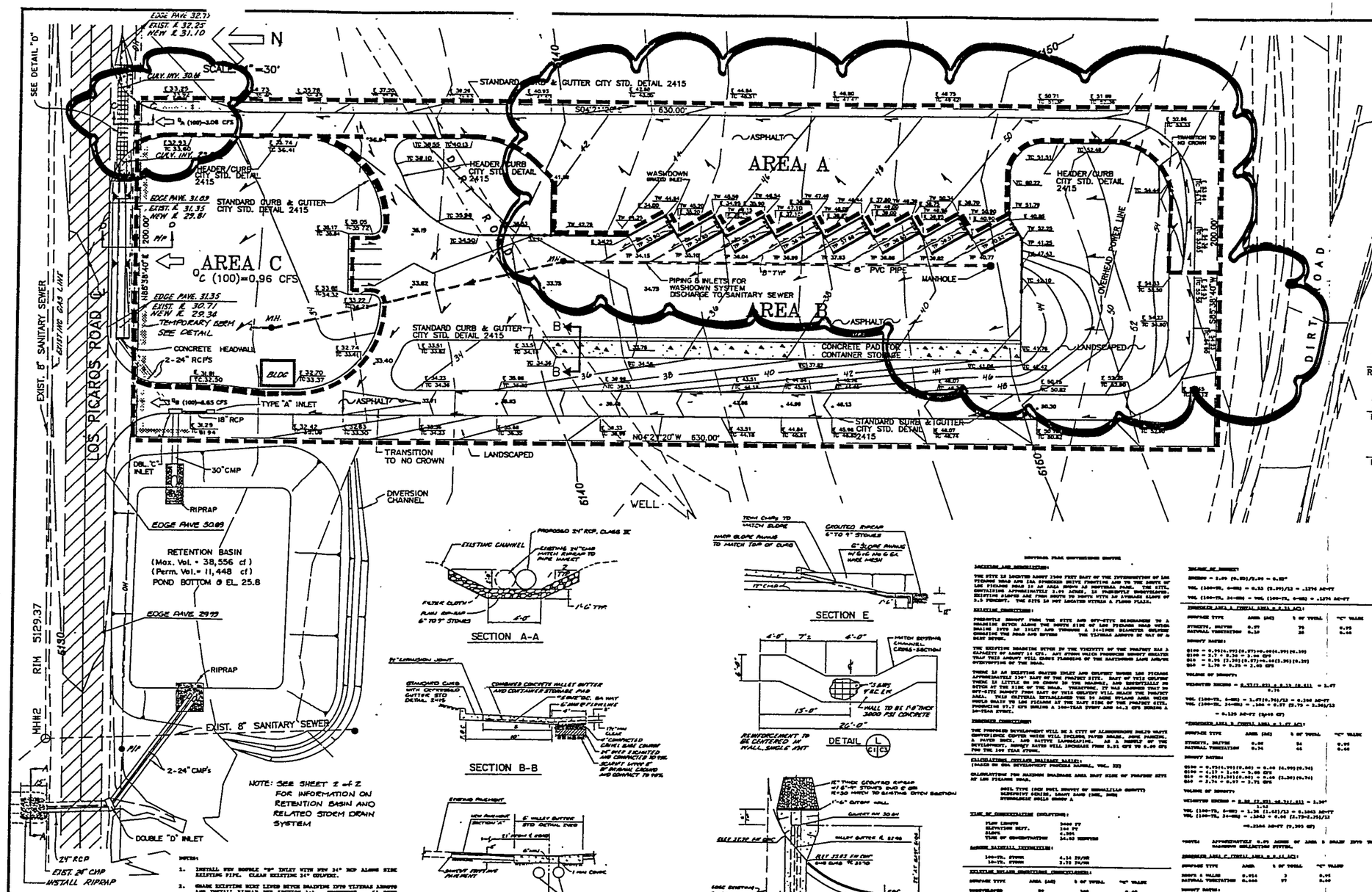
Please call if you need additional information.

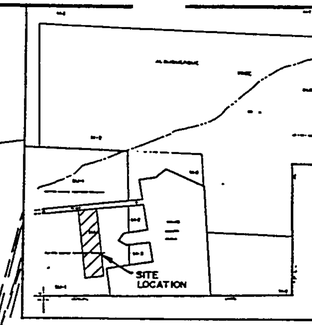
Very truly yours,
BLACK & VEATCH

Michael M. Thomas
Office Manager

je
Enclosures

cc: Mr. Ray Macy, GMA



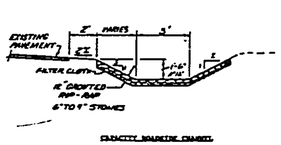


VICINITY MAP P17

SECTION A-A

SECTION B-B

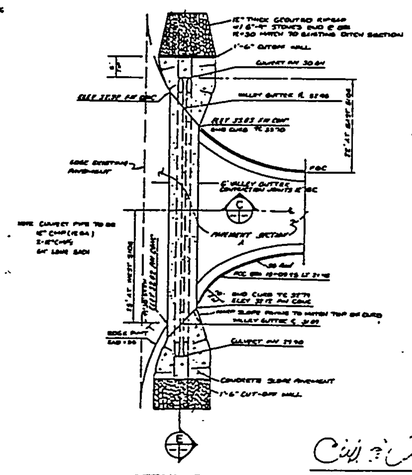
SECTION C-C



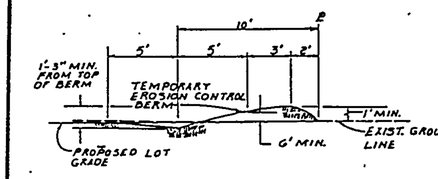
SECTION D-D

SECTION E

DETAIL L C1C1



DETAIL D



TEMPORARY EROSION CONTROL BERM DETAIL
(BERM TO BE REMOVED AFTER COMPLETION OF IMPROVEMENTS)
NOT TO SCALE

R.W. Mary 2/27/90
REVISED DATE

R.W. Mary 4/3/90
REVISED DATE

REVISED DATE

NOT TO BE USED FOR CONSTRUCTION

DATE OF ISSUE 4-3-90

RECEIVED JUN 27 1990 HYDROLOGY DIVISION

E 39.23	FLOWLINE
TC 41.13	TOP CURB
.34.57	SPOT ELEVATION
	DRAINAGE AREA BOUNDARY
	RETAINING WALL
	HYDROLOGY DIVIDE
	LANDSCAPE CONTOUR
40	PROPOSED CONTOUR
	FLOW PATH
	FLOW RATE
	PROPERTY BOUNDARY
TW 36.12	TOP WALL
	EXISTING ROAD
	6' VALLEY GUTTER & CULVERT PIPES
	TEMPORARY BERM

AS BUILT INFORMATION
CONTRACTOR DATE
WORK STAKED BY DATE
INSPECTOR'S SIGNATURE DATE
FIELD VERIFICATION BY DATE
OFFICE VERIFICATION BY DATE
DRAWING REVISED BY DATE

MICRO-FILM INFORMATION
RECEIVED BY DATE
REL

BENCH MARKS
RM80 A 2" IRON PIPE, LOCATED ON THE NORTH SIDE OF LOS PICAROS RD. AT THE INTERSECTION WITH RIA SPRECKER DR., 2' NORTH OF THE WINGWALL OF THE NORTHERN MOST MASONRY POST AT THE ENTRY TO THE MONTESSA PARK DETENTION PARK FACILITY.
ELEV. 5118.74

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

Black & Veatch
Engineers — Architects
Albuquerque, New Mexico
(505) 821-9491
BV PROJECT NO.

GARDINER, MASON & ASSOCIATES, INC.
ENGINEERS & PLANNERS
Albuquerque, New Mexico
(505) 881-3848

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE : DRAINAGE PLAN
MONTESSA PARK SOLID WASTE CONVENIENCE CENTER

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste		
AEC Design			Traffic		
AEC Hydrology			Water		
Traffic Eng.			Solid Waste		

APPROVED BY AMAFCA 4.3.90 DATE

COA PROJECT NO.	MAP NO.	SHEET	OF
4009.90	P17	1	2

BLACK & VEATCH
ENGINEERS-ARCHITECTS

Owner: City of Albuquerque
Plant: _____ Unit: _____
Project No. 16394.006 File No. _____
Title: Evaluate Flows at Alameda Park based on grade and design changes

Computed By: SWJ
Date: 6/5 19 90
Checked By: _____
Date: _____ 19 ___
Page 1 of 5

Check and evaluate the change in flows at Alameda Park due to proposed grading changes.

Ref: GMA's drainage plan submittal dated April 1990

(1) Decrease in Area A = (900 + 675 + 675) S.F. = .05 AC

From pg 1 of Drainage Plan ∴ Impervious surface = .57 ac
Pervious surface no change − .05 AC
.52 AC

Area A

⇒ $Q_{100} = .95(4.99)(.52) + .40(4.99)(.19)$
$Q_{100} = 2.47 + .38 = \underline{2.85 \text{ cfs}}$

⇒ $Q_{10} = 0.95(3.28)(.52) + 0.40(3.28)(.19)$
$Q_{10} = 1.62 + .25 = \underline{1.87 \text{ cfs}}$

Area B

Increase in Impervious = decrease in Area A plus new rear entrance

$= .05 \text{ AC} + \frac{[(20' \times 85') + (15' \times 20')]}{43560}$

$= .05 \text{ AC} + .05 \text{ AC}$

$= .10 \text{ AC}$

Decrease in Pervious surface = .05 AC

∴ Impervious surface = 0.88 AC + 0.10 AC = 0.98 AC
Pervious surface = 0.74 − .05 AC = 0.69 AC

⇒ $Q_{100} = 0.95(4.99)(0.98) + .40(4.99)(.69)$
$= 4.65 + 1.38 = \underline{6.03 \text{ cfs}}$

⇒ $Q_{10} = 0.95(3.28)(.98) + .40(3.28)(.69)$
$= 5.05 + 0.91 = \underline{3.96 \text{ cfs}}$

DO NOT WRITE IN THIS SPACE

P-GN-173A

REVISED, SUPERSEDED, AND VOID CALCULATIONS MUST BE CLEARLY IDENTIFIED, INITIALED, AND DATED BY THE RESPONSIBLE INDIVIDUAL.

BLACK & VEATCH ENGINEERS-ARCHITECTS

Owner C.O.A. | Computed By JWJ
Plant | Unit | Date 6/5 19 90
Project No. 16391.006 | File No. | Checked By
Title | Date 19
Page 2 of 5

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AREA C — No change

⇒ Q_{100} = 0.96 cfs

⇒ Q_{10} = 0.63 cfs

(2) Refer to Pg 2 of GMA Report
Item 2: SITE - Developed Runoff Volumes

⇒ All references the same

AREA A

Weighted E (excess) = $\frac{0.52(2.02) + 0.19(.61)}{.71}$

E_W = 1.64"

Vol (6-hr) = 1.64(.71)/12 = .097 ac-ft

Vol (24-hr) = .097 + $\frac{0.52(2.75 - 2.35)}{12}$

⇒ Vol_{24} = .114 ac-ft (4980 cf)

AREA B — E_W = $\frac{.98(2.02) + .69(.61)}{1.67}$

E_W = 1.44"

Vol_6 = 1.44(1.67)/12 = .1944 ac-ft

Vol_{24} = .1944 + .98(2.75 - 2.35)/12

⇒ Vol_{24} = .2271 ac-ft (9890 c.f)

⇒ AREA C. - No change in original analysis

Vol_{24} = 1104 c.f.

⇒ Undeveloped site - No change Vol_{24} = 5560 cf

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ENGINEERS-ARCHITECTS

Owner C.U.A.
Plant _____ Unit _____
Project No. 16394.006 File No. _____
Title _____

Computed By JWS
Date 6/5 19 90
Checked By _____
Date _____ 19 ____
Page 3 of 5

(3) Refer to Pg 4 GMA REPORT

Item 3 - Storage Area of Retention Basin

Vol_{24} (Developed) - Vol_{24} (undeveloped)

(1980 + 9890 + 1104) - 5560 = 10,414 cf

orginal analysis ⇒ 10,382 cf

10,414 - 10,382 = 32 cf ⇒ Negligible

⇒ orginal GMA analysis o.k.

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BLACK & VEATCH
ENGINEERS-ARCHITECTS

Owner L.O.A.
Plant _____ Unit _____
Project No. 16394 006 File No. _____
Title _____

Computed By JWJ
Date 6/5 19 90
Checked By _____
Date _____ 19 ____
Page 4 of 5

(4) Refer to Pg 4 GMA Report

Item 4: Capacity of Existing Roadside Ditch, South Side of Los Picaros

⇒ NO CHANGE

(5) Refer to Pg 5 GMA Report

Item 5: Proposed Roadside Channel

Total runoff$_{(100)}$ = 14 (offsite) + 2.85 (Area A) + .96 (Area C) = 17.8 cfs

From Pg 6: ditch is size for 32 cfs

⇒ 32 cfs > 17.8 cfs ∴ propose NO change in design.

(6) Refer to Pg 6 GMA Report

Item 6: Flow from Site Exit Road over Weir into Roadside Channel

100 year developed runoff from Area A = 2.85 cfs

Flow in curb line of exit Road

All parameter remain the same except Q_{100}: 2.85 ∴

⇒ Flow depth = .20 ≈ .21 ∴ no change in orginal anoylsis

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P-GN-173A

REVISED, SUPERSEDED, AND VOID CALCULATIONS MUST BE CLEARLY IDENTIFIED, INITIALED, AND DATED BY THE RESPONSIBLE INDIVIDUAL.

BLACK & VEATCH
ENGINEERS-ARCHITECTS

Owner C.O.A.
Plant _____ Unit _____
Project No. 16394.006 File No. _____
Title _____

Computed By SWJ
Date 6/5 19 90
Checked By _____
Date _____ 19 ____
Page 5 of 5

(7) Refer to Pg 7 GMA report
Item 7: Flow from site entrance Road into Type "A" & "C" Inlets

$Q_{B(100)} = 6.03$ cfs

Slope of Road = 2.19%
cross slope = 0.029%

$Q = 0.56 (34.48/.017)(.0219)^{1/2} (d)^{8/3}$

$\therefore d = .28'$

$\therefore$ no change $\Rightarrow$ Analysis of Inlets by GMA need not be changed

DO NOT WRITE IN THIS SPACE

P-GN-173A

REVISED, SUPERSEDED, AND VOID CALCULATIONS MUST BE CLEARLY IDENTIFIED, INITIALED, AND DATED BY THE RESPONSIBLE INDIVIDUAL.

FILE COPY

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

April 6, 1990

Raymond W. Macy, P.E.
Gardner, Mason & Associates, Inc.
2127 Menaul Boulevard, NE
Albuquerque, New Mexico 87110

RE: DRAINAGE PLAN FOR MONTESSA PARK SOLID WASTE CONVENIENCE CENTER, (P-17/D2) ENGINEER'S STAMP DATED APRIL 4, 1990

Dear Mr. Macy:

Based on the information provided on your submittal of April 4, 1990, the referenced plan is approved for Building Permit.

Please attach a copy of this plan to the construction sets prior to sign-off by Hydrology.

Please be advised that prior to Certificate of Occupancy release, an Engineer's Certification will be required per the D.P.M. Engineer's Certification Checklist.

If you should have any questions, please do not hesitate to call me at 768-2650.

Cordially,

Gilbert Aldaz, P.E. & L.S.
Civil Engineer/Hydrology

cc: Clifford E. Anderson, AMAFCA

GA
(WP+1436)