

January 23, 2008

Jeff Mulberry, PE Bohannan Huston, Inc 7500 Jefferson NE Albuquerque, NM 87109

Re: Mesa del Sol Elevated Water Reservoir Grading and Drainage Plan Engineer's Stamp dated 12-19-07, (R16/DA3004)

Dear Mr. Mulberry,

P.O. Box 1293

Based upon the information provided in your submittal dated 12-21-07, 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.

Albuquerque

Also, prior to Certificate of Occupancy release, Engineer Certification of the grading plan per the DPM checklist will be required.

New Mexico 87103

If you have any questions, you can contact me at 924-3986.

www.cabq.gov

Bradley L. Bingham, PE

Principal Engineer, Planning Dept. Building and Development Services

C: file

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/11/2002)

Z-16/0A3004

PROJECT TITLE: Mesa del Sol Elevated Water Reservoir	ZONE MAP/DRG. FILE #R-16
DRB #:EPC <u>#: 07EPC-00110</u>	WORK ORDER#:
LEGAL DESCRIPTION: TRACT 20 OF BULK LAND PLAT FOR MESA DELCTY ADDRESS:	SOL INNOVATION PARK
ENGINEERING FIRM: Bohannan Huston, Inc.	CONTACT: Jeff Mulbery
ADDRESS: 7500 Jefferson NE – Courtyard I	PHONE: (505) 823-1000 ZIP CODE: 87109
CITY, STATE: <u>Albuquerque, NM</u>	ZIP CODE. <u>07 109</u>
OWNER: Forest City Covington, N.M., LLC	CONTACT: Mike Castillo
ADDRESS: 801 University Blvd. SE, Suite 200 CITY, STATE: Albuquerque, NM	PHONE: 505-400-3021 ZIP CODE: 87106
CITT, STATE. <u>Albuquerque, Ivivi</u>	
ARCHITECT:	CONTACT:
ADDRESS:	PHONE:
CITY, STATE:	
SURVEYOR:	CONTACT:
ADDRESS:	PHONE:
CITY, STATE:	
CONTRACTOR:	CONTACT:
ADDRESS:CITY, STATE:	PHONE: ZIP CODE:
CIT, SIMIE.	
CHECK TYPE OF SUBMITTAL: CHECK TYPE OF SUBMITTAL: CHECK TYPE OF SUBMITTAL:	CK TYPE OF APPROVAL SOUGHT: SIA / FINANCIAL GUARANTEE RELEASE
DRAINAGE REPORT X_ DRAINAGE MANAGEMENT PLAN	PRELIMINARY PLAT APPROVAL
CONCEPTUAL GRADING & DRAINAGE PLAN	S. DEV. PLAN FOR SUB'D. APPROVAL
X GRADING PLAN	S. DEV. PLAN FOR DRB APPROVAL
EROSION CONTROL PLAN ENGINEER'S CERTIFICATION (HYDROLOGY)	SECTOR PLAN APPROVAL FINAL PLAT APPROVAL
CLOMR/LOMR	FOUNDATION PERMIT APPROVAL
TRAFFIC CIRCULATION LAYOUT (TCL)	BUILDING PERMIT APPROVAL
ENGINEERS CERTIFICATION (TCL)	_ CERTIFICATE OF OCCUPANCY (PERM.)
ENGINEERS CERTIFICATION (DRB APPR. SITE PLAN) OTHER (DRAINAGE DESIGN ANALYSIS REPORT)	CERTIFICATE OF OCCUPANCY (TEMP.) ROUGH GRADING PERMIT APPROVAL
REVISION	PAVING PERMIT APPROVAL
	WORK ORDER (CHANGE ORDER) APPROVAL
$\sim \frac{X}{4}$	OTHER (ADMINISTRATIVE AMENDMENT
	APPROVAL)
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WAS A PRE-DESIGN CONFERENCE ATTENDED:	
TO NO	[] DEC 2 1 2007 []
COPY PROVIDED	
	HYDROLOGY SECTION
DATE SUBMITTED: 12-20-07	BY:BY: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 of 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:

- 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.



August 8, 2007

Jeffrey L. Mulberry, P.E.
Bohannan Huston, Inc.
7500 Jefferson NE – Courtyard 1
Albuquerque, NM 87109

Re: Mesa Del Sol Elevated Water Reservoir Grading and Drainage Plan Engineer's Stamp dated 7-24-07 (R16/DA3004)

Dear Mr. Mulberry,

Based upon the information provided in your submittal dated 7-25-07, the above referenced plan is approved for Site Development Plan by the DRB, Grading Permit and Foundation Permit.

P.O. Box 1293

This project requires a National Pollutant Discharge Elimination System (NPDES) permit. You are required to send a copy of your SWPPP on a CD to the following address:

Albuquerque

Department of Municipal Development, Storm Drainage Division, P.O. Box 1293, One Civic Plaza, Rm. 301, Albuquerque, NM 87103

New Mexico 87103

If you have any question concerning the SWPPP, please contact Kathy Verhage 768-3654.

www.cabq.gov

Upon completion of the project, please provide an Engineer Certification for our files.

If you have any questions, you can contact me at 924-3695.

Sincerely,

Cut a Chemi

Curtis A. Cherne, P.E.

Engineering Associate, Planning Dept.

Development and Building Services

C: file
Brad Bingham
Kathy Verhage, DMD

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/11/2002)

	5DA 300H
PROJECT TITLE: Mesa del Sol Elevated Water Reservoir	ZONE MAP/DRG. FILE #ZONE MAP/DRG. FILE #
DRB #:EPC <u>#: 07EPC-00110</u>	WORK ORDER#:
LEGAL DESCRIPTION: Future Tract 20, Bulk Land Plat for Mesa country ADDRESS:	del Sol Innovation Park
ENGINEERING FIRM: Bohannan Huston, Inc. ADDRESS: 7500 Jefferson NE – Courtyard I CITY, STATE: Albuquerque, NM	CONTACT: <u>Jeff Mulbery</u> PHONE: (505) 823-1000 ZIP CODE: 87109
OWNER: Forest City Covington, N.M., LLC ADDRESS: 801 University Blvd. SE, Suite 200 CITY, STATE: Albuquerque, NM	CONTACT: <u>Manny Barrera</u> PHONE: 505-400-3021 ZIP CODE: 87106
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 X RESUBMITTALCONCEPTUAL GRADING & DRAINAGE PLAN GRADING PLAN EROSION CONTROL PLAN ENGINEER'S CERTIFICATION (HYDROLOGY) CLOMR/LOMR TRAFFIC CIRCULATION LAYOUT (TCL) ENGINEERS CERTIFICATION (TCL) ENGINEERS CERTIFICATION (DRB APPR. SITE PLAN) OTHER (DRAINAGE DESIGN ANALYSIS REPORT) REVISION	CHECK TYPE OF APPROVAL SOUGHT: SIA / FINANCIAL GUARANTEE RELEASE PRELIMINARY PLAT APPROVAL S. DEV. PLAN FOR SUB'D. APPROVAL S. DEV. PLAN FOR DRB APPROVAL SECTOR PLAN APPROVAL FINAL PLAT APPROVAL TOUNDATION PERMIT APPROVAL BUILDING PERMIT APPROVAL CERTIFICATE OF OCCUPANCY (PERM.) CERTIFICATE OF OCCUPANCY (TEMP.) X ROUGH GRADING PERMIT APPROVAL PAVING PERMIT APPROVAL OTHER (CHANGE ORDER) APPROVAL OTHER (DRC HYDROLOGY APPROVAL)
WAS A PRE-DESIGN CONFERENCE ATTENDED: YES NO COPY PROVIDED	D 国 D JUL 2 5 2007 HYDROLOGY SECTION
DATE SUBMITTED: 7-24-07	BY: <u>Jeff Mulbery/mb</u>

Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location and scope of 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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Bohannan A Huston:

Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335

www.bhinc.com

voice: 505.823.1000 facsimile: 505.798.7988 toll free: 800.877.5332

June 25, 2007

Curtis A Cherne, E.I.
Engineering Associate, Planning Dept.
Development and Building Services
City of Albuquerque
P. O. Box 1293
Albuquerque, NM 87103

Re: Mesa del Sol Elevated Water Tank Grading and Drainage Plan (R16/D096) Engineer's Stamp dated 7-9-07 (Resubmitted Engineer's Stamp dated 7-24-07)

Dear Curtis:

Based upon the comments provided in your letter dated July 16, 2007, the Grading and Drainage plan for the above referenced project has been updated to meet the requirements for Site Development action by the DRB, Rough Grading and Foundation Permit approval. The following revisions have been addressed:

- 1. The access road to the site has been revised on all sheets. The access road is currently located east of the trail. In addition the power pole has been shown correctly on the Site Access Plan. The Grading Plan shows this pole in the correct location.
- 2. A maintenance agreement will be obtained by PNM/ABCWAU for the access road.
- Inverts for the 2-36" RCP storm drain connecting the regional retention pond together was provided.
- 4. The rip rap specification call-out was revised and corrected.
- 5. An invert for the rundown in the south pond was provided.
- 6. Volumes for the design volume required and the volume provided have been shown on sheet

If you have questions or require further information, please contact me at 823-1000.

Sincerely,

Michael Balaskovits, E.I.

Engineer

Community Development and Planning

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MJB/cc Enclosures

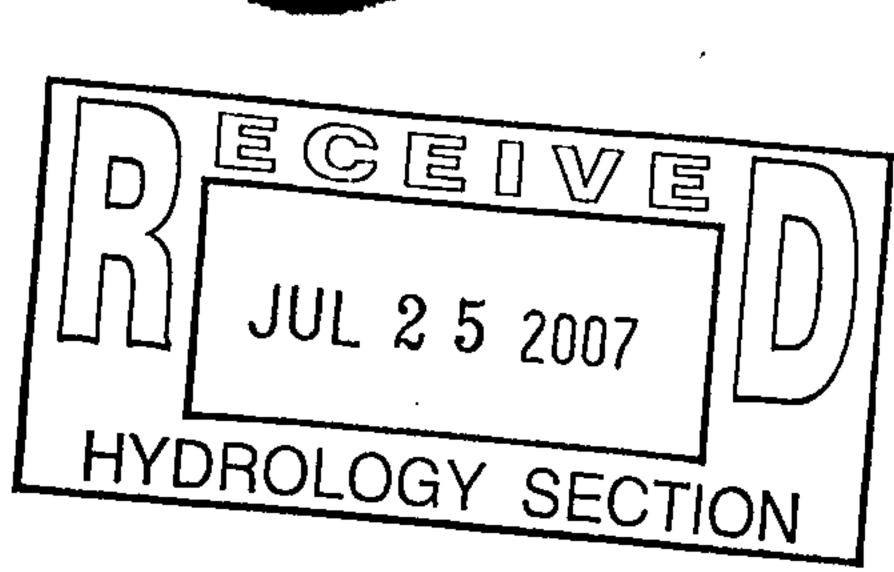
ENGINEERING A

SPATIAL DATA



July 16, 2007

Jeffrey L. Mulberry, P.E.
Bohannan Huston, Inc.
7500 Jefferson NE – Courtyard 1
Albuquerque, NM 87109



Re: Mesa Del Sol Elevated Water Tank Grading and Drainage Plan Engineer's Stamp dated 7-9-07 (R16/D096)

Dear Mr. Mulberry,

Based upon the information provided in your submittal dated 7-9-07, the above referenced plan cannot be approved for Site Development action by the DRB, Rough Grading Permit or Foundation Permit.

P.O. Box 1293

Concerning Site Development approval by the DRB:

Albuquerque

New Mexico 87103

drainage tract, whereas the Grading Plan depicts it outside of the drainage tract.
The access road in the drainage tract should be maintained by PNM/ABCWAU. A maintenance agreement is required.

www.cabq.gov

Concerning Rough Grading and Foundation Permits:

• More information is required before the ponds can be graded and related infrastructure can be built.

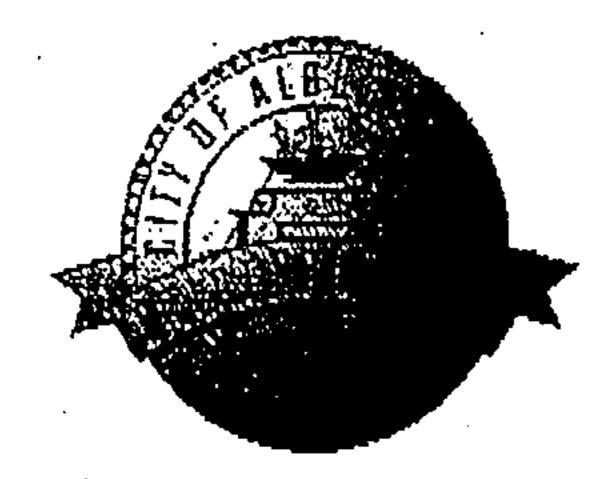
The Site Access Plan shows the access road in the bottom of the swale

on the east shoulder of the swale. The location east of the swale is

preferable. The Site Access Plan also shows the power pole in the

leading to the regional pond, while the grading plan shows the access road

- o Inverts are required for the 2-36" RCP storm drain connecting the two ponds. In addition show the pipe ends in both ponds.
- O Which COA STD SPEC are you planning on using for the Rip Rap rundowns? What is Type VL? Is "1" thick" a typo?
- o Provide an invert for the rundown into the south pond.
- o Provide new volumes of the two ponds.
- It appears that grading of the site is integral with grading of the ponds and since more information is required before grading the ponds, the site should not be graded until approval is given to grade the ponds.



If you have any questions, you can contact me at 924-3695.

Sincerely,

Curtis A. Cherne, P.E.

Engineering Associate, Planning Dept.

Development and Building Services

C: file
Brad Bingham

P.O. Box 1293

Albuquerque

New Mexico 87103

www.cabq.gov

CLIENT/COURIER TRANSMITTAL

Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335

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voice: 505.823.1000 facsimile: 505.798.7988 toll free: 800.877.5332

ADVANCED TECHNOLOGIES A

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To:	Curtis Che		R	equested by:	Mike Balask	ovits	•
	600 Secon	u St. ie, NM 87102	D	ate:	July 25, 200	7	
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Phone:	924-3695						
Job No.:	070204	•	J	ob Name:	Elevated Wa	ater Reservoir	
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2	1	COA Comment Letter S					
3 1	1 3 Sheets	Reply to COA Comment Resubmittal of grading	•	•	sering Stamp	Data 7-21-07\	
Curtis,	S/INSTRUC	TIONS			MICHALL 25		
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Mike Balask	ovits	• • • • • • • • • • • • • • • • • • •	-				•
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July 16, 2007

Jeffrey L. Mulberry, P.E.
Bohannan Huston, Inc.
7500 Jefferson NE – Courtyard 1
Albuquerque, NM 87109

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P.O. Box 1293

Concerning Site Development approval by the DRB:

Albuquerque

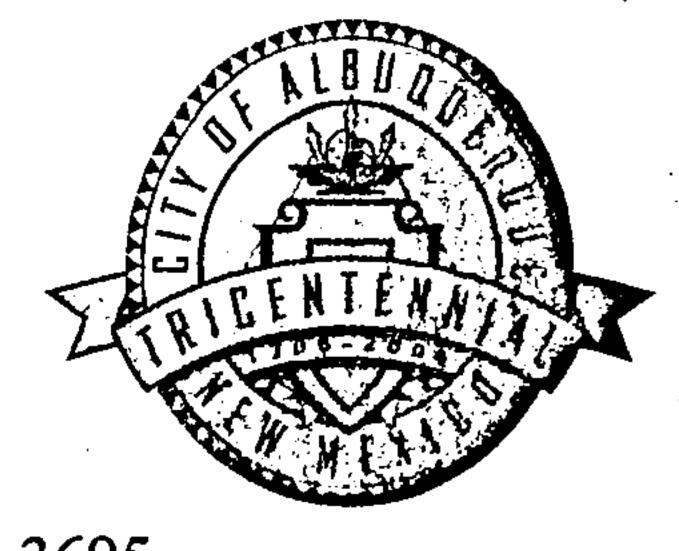
New Mexico 87103

www.cabq.gov

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Sincerely,

Cutura Char

Curtis A. Cherne, P.E.

Engineering Associate, Planning Dept.

Development and Building Services

C: file

Brad Bingham

P.O. Box 1293

Albuquerque

New Mexico 87103

www.cabq.gov

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/11/2002)

DDO IECT TITLE: Moss del Cel Eleveted Weter December 7	ONE MAP/DRG. FILE #R-16_
PROJECT TITLE: Mesa del Sol Elevated Water Reservoir DRB #:EPC#: 07EPC-00110 WORK ORDER	· · · · · · · · · · · · · · · · · · ·
LEGAL DESCRIPTION:CITY ADDRESS:	
ENGINEERING FIRM: Bohannan Huston, Inc.	CONTACT: <u>Jeff Mulbery</u>
ADDRESS: <u>7500 Jefferson NE – Courtyard I</u> CITY, STATE: <u>Albuquerque, NM</u>	PHONE: <u>(505) 823-1000</u> ZIP CODE: <u>87109</u>
OWNER: Forest City Covington, N.M., LLC	CONTACT: Mike Castillo
ADDRESS <u>: 801 University Blvd. SE, Suite 200</u> CITY, STATE: <u>Albuquerque, NM</u>	PHONE <u>: 505-400-3021</u> ZIP CODE: <u>87106</u>
ARCHITECT:	CONTACT:
ADDRESS:CITY, STATE:	PHONE:
SURVEYOR:	CONTACT:
ADDRESS:CITY, STATE:	PHONE: ZIP CODE:
CONTRACTOR:	CONTACT:
ADDRESS: CITY, STATE:	PHONE:
CHECK TYPE OF SUBMITTAL: DRAINAGE REPORT DRAINAGE PLAN X CONCEPTUAL GRADING & DRAINAGE PLAN GRADING PLAN EROSION CONTROL PLAN ENGINEER'S CERTIFICATION (HYDROLOGY) CLOMR/LOMR TRAFFIC CIRCULATION LAYOUT (TCL) ENGINEERS CERTIFICATION (DRB APPR. SITE PLAN) OTHER (DRAINAGE DESIGN ANALYSIS REPORT) REVISION CHECK CHE	CTYPE OF APPROVAL SOUGHT: SIA / FINANCIAL GUARANTEE RELEASE PRELIMINARY PLAT APPROVAL S. DEV. PLAN FOR SUB'D. APPROVAL S. DEV. PLAN FOR DRB APPROVAL SECTOR PLAN APPROVAL FINAL PLAT APPROVAL FOUNDATION PERMIT APPROVAL BUILDING PERMIT APPROVAL CERTIFICATE OF OCCUPANCY (PERM.) CERTIFICATE OF OCCUPANCY (TEMP.) ROUGH GRADING PERMIT APPROVAL PAVING PERMIT APPROVAL WORK ORDER (CHANGE ORDER) APPROVAL OTHER (DRC HYDROLOGY APPROVAL)
WAS A PRE-DESIGN CONFERENCE ATTENDED: YES COPY PROVIDED HYDROLOG	9 2007 DI JULE 2007 SY SECTION HYDROLOGY SECTION
DATE SUBMITTED: 76-07 7.9.07	BY: Jeff Mulbery/mb

Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location and scope of 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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ONE STOP SHOP CITY OF ALBUQUERQUE PLANNING DEPARTMENT Development & Building Services

PAID RECEIPT

APPLICANT I	AME
AGENT	BOHANNAN & HUSTON
ADDRESS	
PROJECT & A	PP#
PROJECT NA	ME MESA. DEL SOL ELEVATED WATER
\$	441032/3424000 Conflict Management Fee
\$	_441006/4983000 DRB Actions
\$	441006/4971000 EPC/AA/LUCC Actions & All Appeals
\$	_441018/4971000 Public Notification
\$	441006/4983000 DRAINAGE PLAN REVIEW OR TRAFFIC IMPACT STUDY*** ()Major/Minor Subdivision ()Site Development Plan ()Bldg Permit () Letter of Map Revision ()Conditional Letter of Map Revision () Traffic Impact Study
s 100-	TOTAL AMOUNT DUE
*** <u>NOTE</u> : If a	subsequent submittal is required, bring a copy of this paid receipt with you to avoid as

additional charge.

City Of Albuquerque Treasury Division

7/9/2007 10:52AH LOC: ANNX RECEIPT# 00084596 WS# 007 TRANS# 0009 Account 441006 Fund 0110 Activity 4983000 TRSCXG Trans Ant \$100.00 J24 Misc \$100.00 \$100.00

VI CHANGE

\$0.00

Thank You'

Counterreceipt.doc 6/21/04

CLIENT/COURIER TRANSMITTAL

7500 Jefferson St. NE Albuquerque, NM 87109-4335

www.bhinc.com

voice: 505.823.1000 facsimile: 505.798.7988 toll free: 800.877.5332

ADVANCED TECHNOLOGIES A

			•	•
To:	Curtis Cherne	Requested by:	Mike Balaskovits	
	600 Second St. Albuquerque, NM 87102	Date:	July 5, 2007	
		Time Due:	This A.M. This P.M. Rush By Tomorro	W
Phone: Job No.:	924-3695 070204	Job Name:	Elevated Water Res	ervoir
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COMMENT	S/INSTRUCTIONS	·		
Curtis,				0 6 2007 GY SECTION
Foundation	the Elevated Water Reservoir submittal permit approval and rough grading approved myself. Thanks.		-	
Mike Balask	ovits			· .
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