From:

Mazur, Lynn [lmazur@amafca.org]

Sent:

Tuesday, October 18, 2011 11:57 AM

To:

Glenn Broughton

Cc:

Cherne, Curtis

Subject: RE: Renal clinic

Re:

Renal Medicine Assoc. Clinic, Journal Center, Phase 2, ZAP D-17

AMAFCA approves the Grading & Drainage Plan dated October 12, 2011. If you need to add a berm next to the rock swale, it won't interfere with AMAFCA access. I checked the original Journal Center Phase 2 master plan. and the ribbon channel next the North Diversion Channel acts as an access road.

I still need to find out if AMAFCA will need a private grading license or Turnkey Agreement for the rock swale. Either one will require approval from the AMAFCA Board. Board approval will not delay site grading and construction. I will request that this item be added to the November 17 Board meeting agenda.

### Albuquerque Metropolitan Arroyo

### Flood Control Authority

Lynn M. Mazur, P.E., C.F.M. **Development Review Engineer** 

Phone: (505) 884-2215 Mobile: (505) 362-1273 www.amafca.org

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**From:** Glenn Broughton [mailto:gbrought@bhinc.com]

Sent: Friday, October 14, 2011 2:37 PM

To: Mazur, Lynn Cc: Cherne, Curtis

Subject: FW: Renal clinic

Lynn,

We have updated the grading plan based on site plan comments at DRB. The concept is the same as our previous submittal. With the revised plan we will need to modify the existing side channel diversion. You indicated that this should not be an issue. We will detail that in our building permit submittal.

If this updated plan is acceptable would you please email Curtis. We will be heard at DRB next Wednesday.

Please let me know if you have any questions or comments.

Thanks, Glenn

From: Cherne, Curtis [mailto:CCherne@cabq.gov]

**Sent:** Friday, October 14, 2011 2:16 PM **To:** Glenn Broughton

Subject: Renal clinic

Glenn,

I'm liking the plan for the renal clinic. Have Lynn from AMAFCA send me an approval e-mail so I can approve on Wednesday at DRB.

Curtis

# **Bohannan** ▲ **Huston**<sub>**#**</sub>

REC'D BY:\_\_\_\_

## **CLIENT/COURIER TRANSMITTAL**

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

То:	Curtis Cherne, P.E. City of Albuquerque Hydrology 600 Second St, 2nd floor	Requested by:  Date:  Time Due:	Glenn Broughton  02/18/2013  This A.M.  This P.M.  Rush By Tomorrow
Phone: Job No.:	924-3986 20120120	Job Name:	Renal Medicine Associates Clinic
Coul Mail Othe	UPS		<u>UP</u>
COMMENTS	S / INSTRUCTIONS		DECETVE 192013 FRENEFRING

ADVANCED TECHNOLOGIES A

SPATIAL DATA A

TIME:\_

DATE:\_\_\_\_

From: Glenn Broughton [gbrought@bhinc.com]

Sent: Thursday, March 14, 2013 11:15 AM

To: 'Mazur, Lynn'

Cc: Cherne, Curtis; Bingham, Brad Subject: RE: Renal Medical Associates

Yes, I think that is a good idea. Non work order projects seem to get lost in the system.

### Glenn

**From:** Mazur, Lynn [mailto:lmazur@amafca.org] **Sent:** Thursday, March 14, 2013 11:08 AM

To: Glenn Broughton

**Cc:** Curtis Cherne; Bingham, Brad **Subject:** RE: Renal Medical Associates

Thanks. I will be requiring a separate note to be added to the plans regarding certification to AMAFCA so that this doesn't happen in the future.

Lynn

From: Glenn Broughton [mailto:gbrought@bhinc.com]

Sent: Thursday, March 14, 2013 11:00 AM

To: Mazur, Lynn

**Subject:** Renal Medical Associates

Hi Lynn,

I wanted to let you know that I emailed the contractor and architect requesting that they submit as-build drawings and test reports for the work in AMAFCA R/W. I will give you an update when I learn more.

### Thanks,

Glenn Broughton, P.E., LEED AP Senior Project Manager Community Development & Planning

Direct line: 505-798-7872

## **Bohannan 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

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## CITY OF ALBUQUERQUE



September 21, 2011

Glenn Broughton, P.E. Bohannan Huston, Inc. 7500 Jefferson NE Albuquerque, NM 87109

Re: Renal Medical Associates Clinic Drainage Management Plan and Conceptual Grading Plan

Engineer's Stamp dated 9-19-11 (D-17/D020)

Dear Mr. Broughton,

Based upon the information provided in your submittal received 9-19-11, the above referenced plan is approved for Site Development for Building Permit action by the DRB with the following condition:

• A cross-lot drainage easement for the benefit of Lot 3A is platted due to Basin 3 draining across Lot 4A.

When submitting for Building Permit, please address the following comments:

- Provide grades along the western property line so the grade of the tie slope can be determined.
- Please depress the eastern parking island.

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

Sincerely,

Curtis Cherne, P.E.

Center a Cheme

Principal Engineer, Planning Dept. Development and Building Services

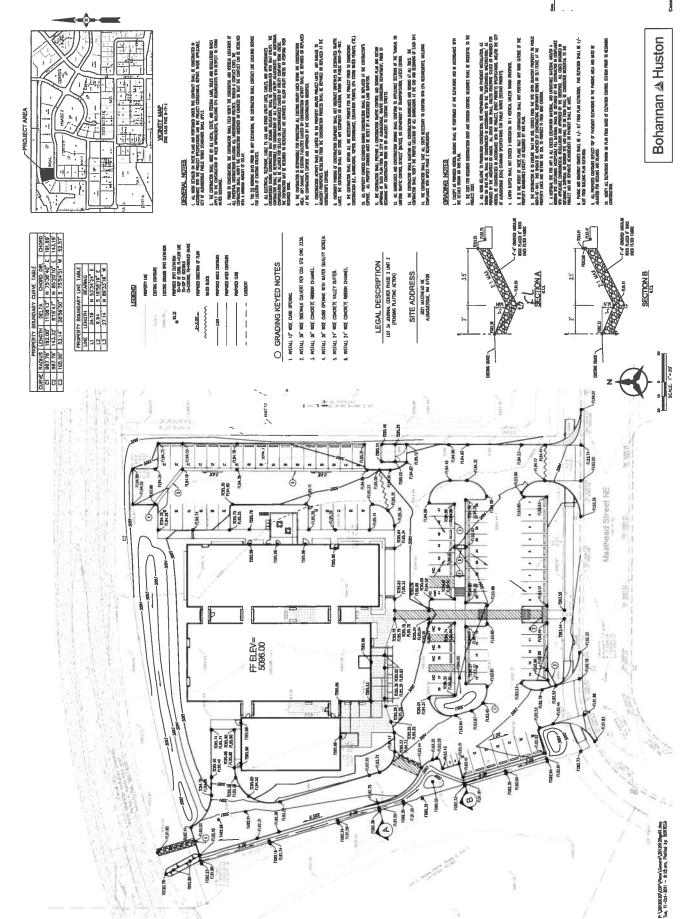
C: file

PO Box 1293

Albuquerque

NM 87103

www.cabq.gov



D17/D020

C P DEVELOPMEI	Please make file and add to GTS.			
ZONE ATLAS PAGE NO: D-17 DRAINAGE FILE: ZONING: DRB: SUBJECT: STREET ADDRESS (IF KNOWN) SUBDIVISION NAME:	a fec 9-11e-11			
APPROVAL REQUESTED: Concepted drainage plan				
ATTENDANCE: Cwhs (	here Glen Broughton			
•	Shows Lut 3 drawing to			
musthene and Lod	4 draining to the North Mina.			
It is acceptable to drain ~ 13 of 168 4 to  massfeat and & of Cot 3 to the North pino because it buliness out.  AMAFCA approved is regide				

THE UNDERSIGNED AGREES THAT THE ABOVE FINDINGS ARE SUMMARIZED ACCURATELY AND ARE SUBJECT TO CHANGE IF FURTHER INVESTIGATION REVEALS THAT THEY ARE NOT REASONABLE OR THAT THEY ARE BASED ON INACCURATE INFORMATION.

SIGNED: Cuth & Clau
NAME (PRINT): Curtis A. Cherne

NAME (PRINT):

"Glenn Broughton

\*\*NOTE\*\* PLEASE PROVIDE A COPY OF THIS RECAP WITH YOUR DRAINAGE SUBMITTAL.

Pec 8-15-11

## Bohannan A Huston

September 19, 2011

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

Mr. Shahab Biazar, P.E. Development and Building Services City of Albuquerque 600 Second Street NW - 2<sup>st</sup> Floor Albuquerque, NM 87102

Re:

Renal Medical Associates Conceptual Grading and Drainage Plan Resubmittal

(D-17/D020)

Dear Mr. Biazar:

We have received your review comments in your letter dated September 9, 2011. Enclosed herewith is a copy of the revised Drainage Management Plan and Grading Plan which incorporates your comments. We have addressed your comments as described below:

- AMAFCA has approved the conceptual grading plan. I have attached a copy of the email from AMAFCA for your reference.
- The peak flow of 4.29 cfs is an average peak flow rate for the entire site. All landscaped areas in Basin 1 were assumed to be land treatment C. Xeric landscaping will be utilized for this site.
- The drainage report for Journal Center Phase 2 proposed that the upstream lot (lot 2) would drain to Masthead. When the site was originally graded a berm was constructed along the west side of lot 2. Based on a site visit it appears that additional grading has occurred on this lot. The southwest portion of lot 2 drains onto lot 3 and the remainder of the lot drains into Masthead or to the North Pino Arroyo.
- Boundary information of the proposed Lot 3-A, Journal Center Phase II Unit 2 has been added.
- Roof drain locations have not been finalized at this time. These details will be addressed
  in the final grading plan that will be prepared for building permit approval.
- A vicinity map, legal description and site address have been added to the Grading Plan.
   The FIRM information has been added to the existing conditions narrative on the Drainage Management Plan.
- We acknowledge that this project will be required to conform with NPDES requirements.
- The plat action which will consolidate lots 3, 4 and 5 into lots 3-A and 4-A is scheduled to be heard at DRB on September 21, 2011. This will be heard concurrently with the Renal Medical Associated project which is requesting approval of Site Plan for Building Permit.

With the submittal we are requesting approval of the conceptual grading and drainage plan for Site Plan for Building Permit. Please contact me if you have any questions or need additional clarification.

Sincerel

Glenn S. Broughton, P.E. Senior Project Manager

Community Development & Planning

GSB/tms Enclosures SEP 1 9 2011

Engineering **A** 

Spatial Data A

Advanced Technologies A

From:

Glenn Broughton [gbrought@bhinc.com]

Sent:

Tuesday, October 11, 2011 8:29 AM

To:

Cherne, Curtis

Cc:

Devendra Contractor; Deirdre Harris

Subject:

Renal Clinic - Journal Center

Attachments: C1.0 Grading Plan.pdf

Hello Curtis.

We have revised the grading plan based on our discussion yesterday. We were able to grade a swale in the landscape area along the west property line. The revised grading also includes two small retention ponds to intercept drainage from the landscape area. This solution was proposed for two reasons:

The owner of the adjoining property was reluctant to grant a cross lot drainage easement and the owner / developer of the Renal site did not want to construct a retaining wall.

I believe that this solution will satisfy your concerns as well as the property owners. Please let me know if you have any comments. We are scheduled to be heard at DRB this Wednesday and approval of this concept is critical for SPBP approval.

Thank you,

Glenn Broughton, P.E., LEED AP Project Manager Community Development & Planning Direct line: 505-798-7872

### Bohannan & 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

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# CITY OF ALBUQUERQUE



September 9, 2011

Glenn Broughton, P.E. Bohannan Huston, Inc. 7500 Jefferson NE Albuquerque, NM 87109

Re: Renal Medical Associates Grading and Drainage Plan Engineer's Stamp dated 9-6-11 (D-17/D020)

Dear Mr. Broughton,

Based upon the information provided in your submittal dated 9-6-11, the above referenced plan cannot be approved for Site Development for Building Permit until the following comments have been addressed:

- AMAFCA approval is required before site can be discharged into the North Pino Arroyo.
- How was a peak flow of 4.29 cfs/ac determined for the site? Provide details on how the proposed landscaping of 15% Treatment C was achieved in Basin 1.
- Does the site accept offsite flows from the adjoining lot to the east?
- Please include values for all boundary data.
- Please indicate roof slopes and proposed drains on the plan. Legend should include any sidewalks or proposed culverts.
- Add a vicinity map, Flood Insurance Rate Map (FIRM), legal description and site address to the plan.
- This project requires a National Pollution Discharge Elimination System (NPDES) permit for storm water drainage.
- Plan can not be approved until re-platting action has been completed.

PO Box 1293

Albuquerque

NM 87103

www.cabq.gov

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

Why create Basin 3? Juli curb line ohr
Sincerely.

9-20-41 CL

Shahab Biazar, P.E.

Senior Engineer, Planning Dept.
Development and Building Services

C: file CJH

### Glenn Broughton

From: Sent: Mazur, Lynn [lmazur@amafca.org] Friday, September 16, 2011 8:11 AM

To:

Glenn Broughton

Cc:

Curtis Cherne Renal Medical

Subject: Attachments:

WQ Screens.PDF

Re:

Site Plan for Building Permit for Renal Medical Associates, Journal Center, dated September 6, 2011, ZAP D-17

I reviewed the plan and approve the drainage concept. I would like to see a detail of the curb screens that will serve to collect onsite debris. I have attached two details of screens that have been used for commercial developments. The first one is on a rundown to the North Pino Arroyo east of Tiburon St. The height can be lower, and I don't think you will need 2' overlap on the curb for the smaller flow rates from this site. The second one has been used on a couple of developments in Journal Center that flow to the North Pino Arroyo. You don't need the gravel trench in front of the screen. Also, disregard the pond call-out.

### Albuquerque Metropolitan Arroyo

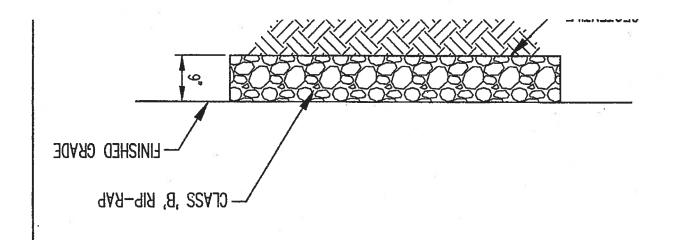
### Flood Control Authority

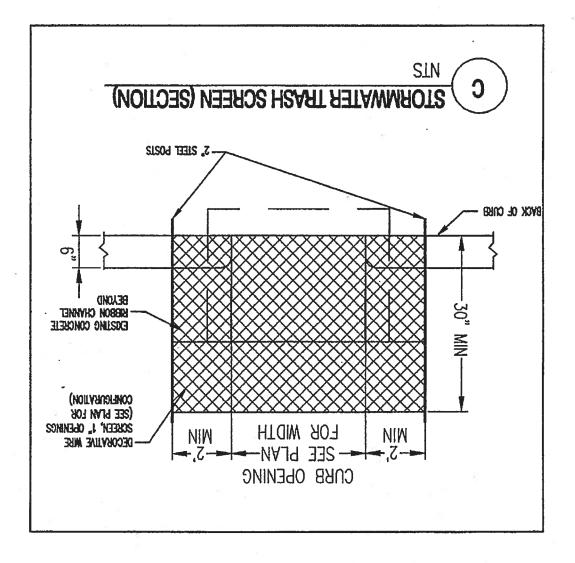
Lynn M. Mazur, P.E., C.F.M. Development Review Engineer

Phone: (505) 884-2215 Mobile: (505) 362-1273 www.amafca.org

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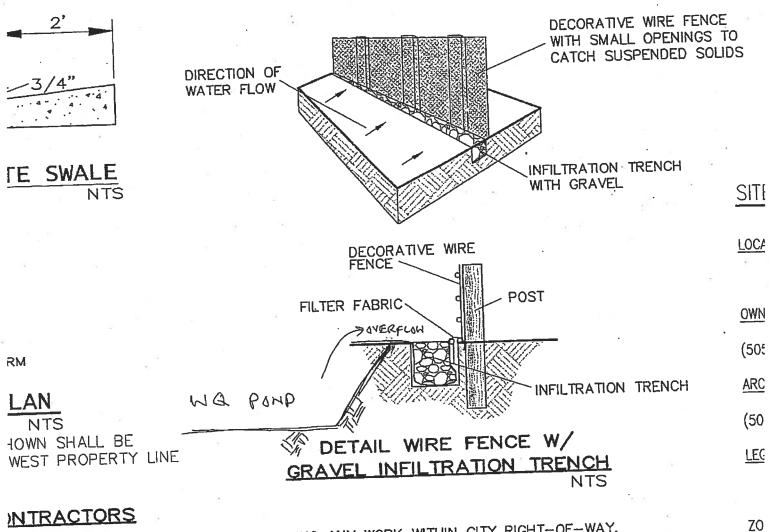






BASINS C, D, AND E ALL DRAIN TO MASTHEAU STREET. NOTION TO MASTHEAD AREA IN FRONT OF THE FRONT PARKING LOT, IS COLLECTED IN A SWALE AND DISCHARGED TO MASTHEAD. THROUGH A 12" SIDEWALK CULVERT. A TOTAL OF 0.51 CFS IS DISCHARGED FROM BASINS C TO MASTHEAD. FLOWS FROM BASINS D AND E ARE DISCHARGED DIRECTLY TO MASTHEAD STREET THROUGH THE DRIVEWAYS. A TOTAL OF 0.32 CFS IS DISCHARGED TO MASTHEAD FROM BASINS D AND E.

# NOTE: ALL ELEVATIONS ARE FLOWLINE UNLESS OTHERWISE NOTED



RMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY.

I ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, CTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE INTERIM STANDARD SPECIFICATIONS FOR STRUCTION, 1985.

3 PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, CATION OF EXISTING UTILITIES.

CTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL CONSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER FLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.

ION SHALL BE ACCORDING TO TRAFFIC/STREET USE.

THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.

L STREETS SHALL BE PERFORMED ON A 24-HOUR BASIS.

JOVENAL CENTER II

TH(

PH(

DDROVAL NAME: DATE:

# CITY OF ALBUQUERQUE



October 20, 2011

Glenn Broughton, P.E. Bohannan Huston, Inc. 7500 Jefferson NE Albuquerque, NM 87109

Re: Renal Medical Associates Clinic Drainage Management Plan and Conceptual Grading Plan

Engineer's Stamp dated -no stamp- (D-17/D020)

Dear Mr. Broughton,

Based upon the information provided in your submittal received 10-13-11, the above referenced plan is approved for Site Development for Building Permit action by the DRB.

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

PO Box 1293

Albuquerque

NM 87103

www.cabq.gov

Sincerely,

Curtis Cherne, P.E.

Principal Engineer, Planning Dept. Development and Building Services

C: file

From:

Mazur, Lynn [lmazur@amafca.org]

Sent:

Wednesday, October 26, 2011 12:07 PM

To:

Glenn Broughton; peterf@globalstructuresinc.com

Cc:

Cherne, Curtis RE: Renal clinic

Subject:

Attachments: Ribbon Channel Detail.PDF; AMAFCA-108 Rundown.pdf; AMAFCA-106 Pipe Penetration

Small Diameter.pdf

Peter,

This email is a follow up to our meeting this morning. As discussed:

- 1. A storm drain penetration into the North Pino Arroyo will be allowed. We will require a private storm drain license that must be approved by the AMAFCA Board of Directors. I had already put a license for the Renal Clinic on the draft November 17 meeting agenda. The agenda is subject to change, but I have already approved the grading plan.
- 2. I will need a revised plan layout showing the storm drain by November 9 to include in the memo to the Board. Final details can be worked out later.
- 3. The pipe will enter the channel on the side of the existing rundown. If it must enter the channel at an angle, it should be pointed downstream. If you must remove and replace the rundown, it will be constructed to our current attached detail.
- 4. I have also attached our standard detail for a pipe penetration 12" or less in diameter. If it is larger, we have another detail for 24" and larger. If you need to vary the side slopes of the cut in to the channel, I will discuss it with Kurt Wagener, AMAFCA Field Engineer.
- 5. I have attached the detail for the ribbon channel as constructed with the Journal Center Phase 2 development. Note that it is only 6 feet wide. I confirmed that AMAFCA crews do not drive on it. To connect the old to new channel, dig a trench under the old channel and let concrete run under it to form a keyway.

You may call me at 884-2215 if you have any questions.

### Albuquerque Metropolitan Arroyo

### Flood Control Authority

Lynn M. Mazur, P.E., C.F.M. Development Review Engineer

Phone: (505) 884-2215 Mobile: (505) 362-1273 www.amafca.org

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From: Glenn Broughton [mailto:gbrought@bhinc.com]

**Sent:** Friday, October 14, 2011 2:37 PM

To: Mazur, Lynn

Renal clinic Page 2 of 2

Cc: Cherne, Curtis

Subject: FW: Renal clinic

Lynn,

We have updated the grading plan based on site plan comments at DRB. The concept is the same as our previous submittal. With the revised plan we will need to modify the existing side channel diversion. You indicated that this should not be an issue. We will detail that in our building permit submittal.

If this updated plan is acceptable would you please email Curtis. We will be heard at DRB next Wednesday.

Please let me know if you have any questions or comments.

Thanks, Glenn

**From:** Cherne, Curtis [mailto:CCherne@cabq.gov]

**Sent:** Friday, October 14, 2011 2:16 PM

**To:** Glenn Broughton **Subject:** Renal clinic

Glenn,

I'm liking the plan for the renal clinic. Have Lynn from AMAFCA send me an approval e-mail so I can approve on Wednesday at DRB.

Curtis

## 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

October 12, 2011

Mr. Curtis Cherne, P.E.
Development and Building Services
City of Albuquerque
P.O. Box 1293
Albuquerque, NM 87103

Re: Renal Medical Associates Conceptual Grading and Drainage Plan Resubmittal

(D-17/D020)

Dear Mr. Cherne:

At the request of the owner's representative, we have revised the conceptual grading plan for the Renal Medical Associates site, which is located on Lot 3-A, Journal Center Phase 2, Unit 2. The changes include lowering of the building finished floor by 1.5 feet and an onsite storm drain system which will tie into the North Pino Arroyo within AMAFCA Right of Way. We have discussed this option with AMAFCA and have tentative approval of the concept. We are scheduled to be heard by the AMAFCA board on November 17, 2011 for approval of the License Agreement.

Enclosed herewith is a copy of the revised Drainage Management Plan and Grading. With the submittal we are requesting approval of the conceptual grading and drainage plan for Site Plan for Building Permit. Please contact me if you have any questions or need additional clarification.

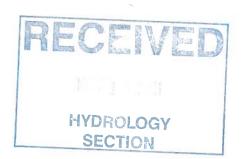
Sincerely.

Glenn S. Broughton, P.E. Senior Project Manager

Community Development & Planning

GSB/tms Enclosures

cc: Devendra Narayan, DNCA (w/ Encl)



Engineering A

Spatial Data A

Advanced Technologies A

### DRAINAGE AND TRANSPORTATION INFORMATION SHEET (Rev. 12/2005)

PROJECT TITLE: Renal Medical Associates Z DRB#: 1008878 EPC#:	ZONE MAP/DRG. FILE #D-17 / DO Z D WORK ORDER#:
LEGAL DESCRIPTION: Lot 3-A Journal Center Phase 2, Unit CITY ADDRESS:	
ENGINEERING FIRM: Bohannan Huston, Inc ADDRESS: 7500 Jefferson NE CITY, STATE: Albuquerque, NM	PHONE: <u>823-1000</u>
OWNER:ADDRESS:CITY, STATE:	PHONE:
ARCHITECT:  ADDRESS:  CITY, STATE:	PHONE:
SURVEYOR:ADDRESS:CITY, STATE:	CONTACT:PHONE:
CONTRACTOR:  ADDRESS:  CITY, STATE:	CONTACT:PHONE:
TYPE OF SUBMITTAL:  DRAINAGE REPORT  DRAINAGE PLAN 1st SUBMITTAL  X DRAINAGE PLAN RESUBMITTAL  X CONCEPTUAL G & D PLAN  GRADING PLAN  EROSION CONTROL PLAN  ENGINEER'S CERT (HYDROLOGY)  CLOMR/LOMR  TRAFFIC CIRCULATION LAYOUT  ENGINEER CERT (TCL)  ENGINEER CERT (DRB SITE PLAN)  OTHER (SPECIFY)	HECK TYPE OF APPROVAL SOUGHT:  SIA/FINANCIAL GUARANTEE RELEASE  PRELIMINARY PLAT APPROVAL  S. DEV. PLAN FOR SUB'D APPROVAL  X S. DEV. 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:	OCT 1 2 2011
XYES NO COPY PROVIDED	HYDROLOGY SECTION
SUBMITTED BY: Glenn Broughton	DATE: 10-12-11

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 define 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.
- Drainage Plans: Required for building permits, grading permits, paving permits and site plans less than five (5) acres.

  Drainage Report: Required for subdivision containing more than ten (10) lots or constituting five (5) acres or more.

From:

Cherne, Curtis

Sent:

Tuesday, October 11, 2011 10:45 AM

To:

'Glenn Broughton'

Subject: RE: Renal Clinic - Journal Center

#### Glenn

The concept can be discussed, but the entire plan needs to be approved.

- The outfall has changed and you are proposing a berm on AMAFCA property. AMAFCA approval is required.
- 2. The swale should be drawn to scale.
- 3. The FL is at the bottom of the rocks, not the top.
- 4. 0.3 % in rocks is more of a pond than a swale.
- 5. Why is the swale draining in reverse direction of the site in the northern portion?
- 6. It is difficult to tell if this will work with the landscape plan. a. It may be difficult to plant in the "V" of steep slopes and (b) The landscape area is irrigated. Then it rains and it spills over.
- 7. A retaining wall along the western boundary is commonly used in this application and should be considered.

### Curtis

**From:** Glenn Broughton [mailto:gbrought@bhinc.com]

Sent: Tuesday, October 11, 2011 8:29 AM

To: Cherne, Curtis

**Cc:** Devendra Contractor; Deirdre Harris **Subject:** Renal Clinic - Journal Center

Hello Curtis,

We have revised the grading plan based on our discussion yesterday. We were able to grade a swale in the landscape area along the west property line. The revised grading also includes two small retention ponds to intercept drainage from the landscape area. This solution was proposed for two reasons:

The owner of the adjoining property was reluctant to grant a cross lot drainage easement and the owner / developer of the Renal site did not want to construct a retaining wall.

I believe that this solution will satisfy your concerns as well as the property owners. Please let me know if you have any comments. We are scheduled to be heard at DRB this Wednesday and approval of this concept is critical for SPBP approval.

Thank you,

Glenn Broughton, P.E., LEED AP Project Manager Community Development & Planning Direct line: 505-798-7872

## Bohannan AHuston

Courtyard I 7500 Jefferson St. NE

From:

Mazur, Lynn [lmazur@amafca.org]

Sent:

Friday, September 16, 2011 8:11 AM

To:

gbroughton@bhinc.com

Cc:

Cherne, Curtis

Subject:

Renal Medical

Attachments: WQ Screens.PDF

Re:

Site Plan for Building Permit for Renal Medical Associates, Journal Center, dated September 6, 2011, ZAP

D-17

I reviewed the plan and approve the drainage concept. I would like to see a detail of the curb screens that will serve to collect onsite debris. I have attached two details of screens that have been used for commercial developments. The first one is on a rundown to the North Pino Arroyo east of Tiburon St. The height can be lower, and I don't think you will need 2' overlap on the curb for the smaller flow rates from this site. The second one has been used on a couple of developments in Journal Center that flow to the North Pino Arroyo. You don't need the gravel trench in front of the screen. Also, disregard the pond call-out.

### Albuquerque Metropolitan Arroyo

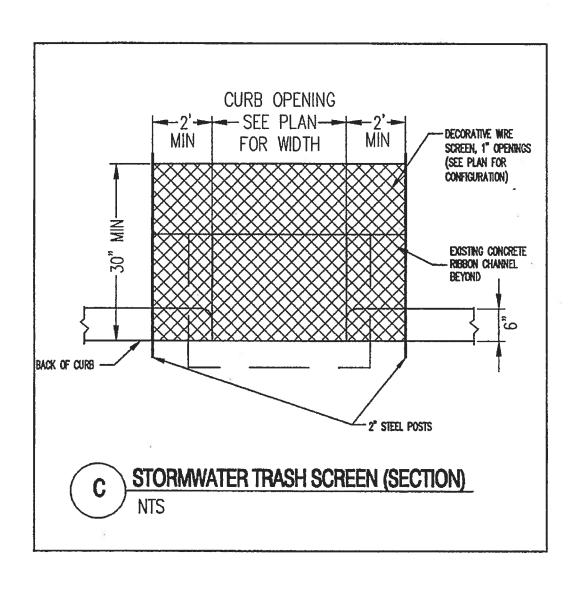
### Flood Control Authority

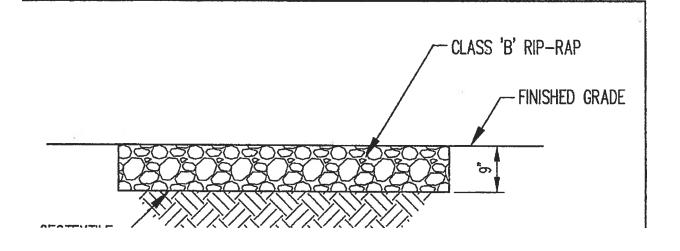
Lynn M. Mazur, P.E., C.F.M. Development Review Engineer

Phone: (505) 884-2215 Mobile: (505) 362-1273 www.amafca.org

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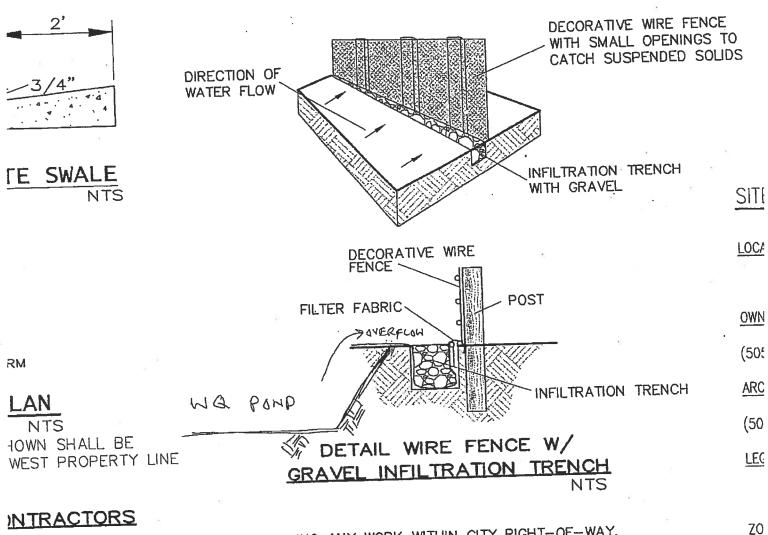
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BASINS C, D, AND E ALL DRAIN TO MASTHEAD STREET. ROTTON FROM BASINS C TO MASTHEAD AREA IN FRONT OF THE FRONT PARKING LOT, IS COLLECTED IN A SWALE AND DISCHARGED TO MASTHEAD. THROUGH A 12" SIDEWALK CULVERT. A TOTAL OF 0.51 CFS IS DISCHARGED FROM BASINS D AND E ARE DISCHARGED DIRECTLY TO MASTHEAD STREET THROUGH THE DRIVEWAYS. A TOTAL OF 0.32 CFS IS DISCHARGED TO MASTHEAD FROM BASINS D AND E.

# NOTE: ALL ELEVATIONS ARE FLOWLINE UNLESS OTHERWISE NOTED



RMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY.

ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, CTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE INTERIM STANDARD SPECIFICATIONS FOR STRUCTION, 1985.

3 PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, CATION OF EXISTING UTILITIES.

CTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL CONSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER FLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.

ION SHALL BE ACCORDING TO TRAFFIC/STREET USE.

THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.

L STREETS SHALL BE PERFORMED ON A 24-HOUR BASIS.

JOVENAL CENTER II

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PH

DDROVAL NAME: DATE: