## CITY OF ALBUQUERQUE



July 16, 2015

Ron Bohannan, PE Tierra West, LLC 5571 Midway Park Place NE Albuquerque, NM 87109

RE: Dreamstyle Warehouse, 1525 Renaissance Center Grading and Drainage Plan Engineer's Stamp Date 7-15-2015 (File: F16-D051A)

Dear Mr. Bohannan:

First flush requirements have been waived for this site as per the City Engineer. Further explanation is provided on grading and drainage plan.

Thank you for addressing recent comments and providing the plat. Based upon the information provided in your submittal received 7-15-15, the above referenced Grading and Drainage Plan cannot be approved for Building Permit until the following comments are

addressed:

Albuquerque

New Mexico 87103

www.cabq.gov

1) The drainage easement per the provided plat covers surface drainage only. A separate paper easement is required for the underground proposed storm drain that routes flows from off-site. Show the new easement on the grading and drainage plan.

2) On a more minor note, the water block labels need to be revised to point to the new waterblock location near the new entrance. Make sure that both the single D inlet from the previous submittal and the new double D inlet calculations are shown on the newest plan.

If you have any questions, you can contact me at 924-3924.

Sincerely.

Jeanne Wolfenbarger, P.E.

Senior Engineer, Planning Dept. Development Review Services

Orig: Drainage file

c.pdf Addressee via Email

F16D051A\_BP\_Grading\_Cmmt3

Albuquerque - Making History 1706-2006



### City of Albuquerque

#### Planning Department

# Development & Building Services Division RAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 02/2013)

Project Title: Dreamstyle Warehouse	City Drainage #: City Drainage #:
DRB#: EPC#:	Work Order#:
Legal Description: TR 9A1B PLAT OF TRS 941A 7 9A1B RENAISSAN	CE CENTER
City Address: 1525 Renaissance Blvd NE Albuquerque NM 87107	
Engineering Firm: Tierra West, LLC	Contact:
Address: 5571 Midway Park Place NE Albuquerque NM 87109	
Phone#: 505-858-3100 Fax#: 505-858-1118	E-mail:
	Contact: Larry Chavez
Address: 7401 Indian School Road NE Albuquerque NM 87110	
Phone#: 505-881-3200 Fax#: 505-880-1078	E-mail: Ichavez@rbafs.com
Architect: Rick Bennett - Rick Bennett Architects	Contact: Rick Bennett
Address: 1104 Park Avenue SW Albuquerque NM 87102	
Phone#: 505-350-9811 Fax#: 505-242-6630	E-mail: <u>rick@rba81.com</u>
Surveyor: N/A	Contact:
Address:	
Phone#: Fax#:	E-mail:
Contractor: Franklins Earthmoving Inc.	Contact: John Ellis
Address: P.O. Box 30275 Albuquerque NM 87190	
Phone#: 505-975-2878 Fax#: 505-883-2604	E-mail: john@franklinsearthmoving.com
TYPE OF SUBMITTAL: CHECK TYPE OF APPROV	AL/ACCEPTANCE SOUGHTS I WE
DRAINAGE REPORT SIA/FINANCIAL GUARAN	TEE RELEASE
DRAINAGE PLAN 1st SUBMITTAL PRELIMINARY PLAT APP	ROVAL
X DRAINAGE PLAN RESUBMITTAL S. DEV. PLAN FOR SUB'D	APPROVAL CONTRACTOR
CONCEPTUAL G & D PLAN S. DEV. FOR BLDG. PERM	IT APPROVAL
GRADING PLAN SECTOR PLAN APPROVA	L LAND DEVELOPMENT SECTION
EROSION & SEDIMENT CONTROL PLAN (ESC) FINAL PLAT APPROVAL	11111 - 29 4 2015 11
ENGINEER'S CERT (HYDROLOGY) CERTIFICATE OF OCCUP.	ANCY (PERM)
CLOMR/LOMR CERTIFICATE OF OCCUP.	ANCY (TCL TEMPAND DEVELOPMENT SECTION
TRAFFIC CIRCULATION LAYOUT (TCL) FOUNDATION PERMIT AI	PPROVAL
ENGINEER'S CERT (TCL) X BUILDING PERMIT APPRO	OVAL
ENGINEER'S CERT (DRB SITE PLAN) GRADING PERMIT APPRO	OVAL SO-19 APPROVAL
ENGINEER'S CERT (ESC) PAVING PERMIT APPROV	AL ESC PERMIT APPROVAL
SO-19 WORK ORDER APPROVA	L ESC CERT. ACCEPTANCE
OTHER (SPECIFY) GRADING CERTIFICATIO	N OTHER (SPECIFY)
WAS A PRE-DESIGN CONFERENCE ATTENDED: Yes No (	Copy Provided
DATE SUBMITTED: 07/15/2015 By: Jonathan Niski	

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
- 4. Erosion and Sediment Control Plan: Required for any new development and redevelopment site with 1-acre or more of land disturbing area, including project less than 1-acre than are part of a larger common plan of development

ierrawestllc.com



### TIERRA WEST, LLC

July 14, 2015

Ms. Jeanne Wolfenbarger, PE Planning Department- Hydrology City of Albuquerque P.O. Box 1293 Albuquerque, NM 87103

RE: DREAMSTYLE WAREHOUSE 1525 RENAISSANCE CENTER GRADING AND DRAINAGE PLAN (F16-D051A)



Dear Ms. Wolfenbarger:

Please find the following responses, addressing your comments dated 06-23-15, listed below:

1. The first flush from the new building site must be retained. The off-site pond ("Pond 5") that is currently proposed to handle first flush does not meet the requirements because it is discharging the first flush at a controlled rate in lieu of retaining it. In addition to options mentioned from the last letter, another option may be to locate the pond just northeast of the new building within the area where the paved parking is shown and relocate the paved parking elsewhere. Along with the proposed change, state how first flush is to be managed on the grading and drainage plan in along with labeled required volumes.
This subject was discussed as it pertains to the soil conditions in the Renaissance

Center and it was decided that this area would not be subject to the first flush requirements due to collapsible soils. We have added a statement specific to the Renaissance Center to the Grading Plan stating why this requirement should not be enforced on this project.

Prior to obtaining Building Permit, address the following items:

1. Provide plat for Tract 9A that may show a private easement for the proposed storm drain that routes off-site flows through site. If one is not already provided, a paper easement is required.

The plat is enclosed and shows a blanket drainage easement already exists for the site. The easement covers the pipe/pond as well as surface drainage.

- 2. In order to control the flow to allowable discharge of 0.66 cfs to the street, revise grades at the entrance.
  - The grades around the entrance were revised and the total discharge to the street is 0.66 cfs, which matches the allowable discharge amount.
- 3. The Type "D" drop inlet upstream of Pipe 3 does not show the capacity to handle the amount of flow listed for Pipe 3. Label curb along the west edge and other parking areas if applicable, and have a general note stating that the listed elevations are at the flowline as

- applicable. (There is a discrepancy between the spot elevation of 5071 -40 and the grate elevation of 5071.25 near the northwest corner of the new building where the 5071.25 elevation appears to provide sufficient head to capture the required flow.)
- 4. The curb is not called out on the plans as 6-inch header curb. The drop inlet was changed to a double inlet, which has capacity to handle the flows, and the call out for the other drop inlet was changed to match the spot elevation given at that location.

If you have any questions or need additional information regarding this matter, please do not hesitate to contact me.

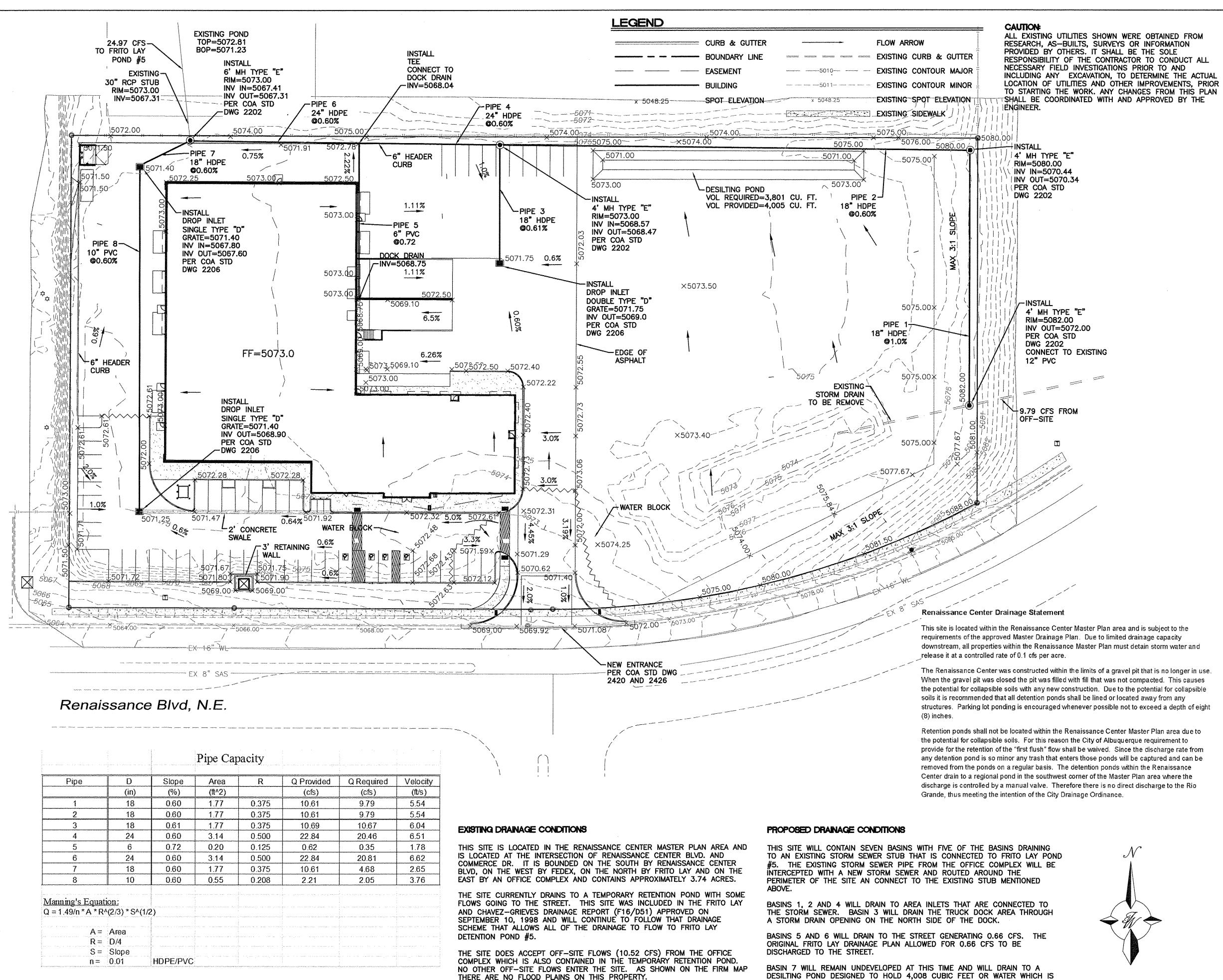
Sincerely,

Jonathan D. Niski, PE

JN: 2015009

JN/dc

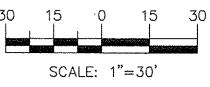




BASIN 7 WILL REMAIN UNDEVELOPED AT THIS TIME AND WILL DRAIN TO A DESILTING POND DESIGNED TO HOLD 4,008 CUBIC FEET OR WATER WHICH IS GREATER THAN THE 3,801 CUBIC FEET REQUIRED. THE POND WILL OVERFLOW TO THE AREA INLET LOCATED IN BASIN 1 NEAR THE TRUCK DOCK AND BE CONVEYED TO FRITO LAY DETENTION POND #5.

THIS SITE WILL DISCHARGE A TOTAL OF 24.89 CFS TO FRITO LAY POND #5 WHICH IS LESS THAN THE 24.97 ALLOWED IN THE APPROVED DRAINAGE PLAN. THAT TOTAL INCLUDES THE 10.52 CFS BEING PASSED THROUGH FROM THE ADJACENT OFFICE COMPLEX.

GRAPHIC SCALE





F-16-Z

35001C0138H

#### NOTICE TO CONTRACTORS

FIRM MAP:

SCHOOL

VICINITY MAP:

FOR C-2-USES

- 1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HERON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE INTERIM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1985.
- 2. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
- 3. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL CONNECTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- 4. MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.

### EROSION CONTROL NOTES

- CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
- 2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
- 4. REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
- 5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL (CITY) ACCEPTANCE OF ANY PROJECT.

NOTE: UNLESS OTHERWISE NOTED ON THE PLAN, ALL SPOT ELEVATIONS ARE FLOW LINE ELEVATIONS.



### DESILTING POND CALCULATIONS:

3.08 ACRES OF IMPERVIOUS AREA = 134,165 SQ. FT 134,165 SQ. FT \*  $(0.34^{\circ}/12)$  = 3,801 CU. FT = 0.087 AC-FT OF VOLUME REQUIRED TO BE RETAINED ON-SITE.

