

7-30-07

per discussion with Brad Bingham

Building Permit Submittal is no longer
Valid since they have to relocate access
Road to near South property line.

They will have have to resubmit Grading
and Drainage plan ~~when~~ after they get transportation
figured out.

They should not build with current
plan set.

Curtis A. Chene

CITY OF ALBUQUERQUE



October 10, 2007

Tyler J. Ashton, P.E.
Wilson & Company Inc., E&A
4900 Lang Ave. NW
Albuquerque, NM 87109

Re: North 2nd St. Business Center Grading and Drainage Plan
Engineer's Stamp dated 10-4-07 (F15/D052)

Dear Mr. Ashton,

Based upon the information provided in your submittal dated 10-4-07, the above referenced plan cannot be approved for Grading Permit or Building Permit until the following comments are addressed:

P.O. Box 1293

- As mentioned at DRC on Monday, October 8th, the grade of the private road needs to be increased to 0.5%. This will affect grades shown on this plan.

Albuquerque

- The capacity of the private road was calculated using an incorrect longitudinal slope of 6.25%.

New Mexico 87103

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

www.cabq.gov

Sincerely,

Curtis A. Cherne, P.E.
Engineering Associate, Planning Dept.
Development and Building Services

C: file

Worksheet for 24ft ff

Project Description

Friction Method

Manning Formula

Solve For

Normal Depth

Input Data

Channel Slope:

0.00500 ft/ft

Discharge

26.90 ft³/s

Section Definitions

OK

Station (ft)

Elevation (ft)

10+00	0.67
10+00	0.00
10+12	0.24
10+24	0.00
10+24	0.67

Roughness Segment Definitions

Start Station

Ending Station

Roughness Coefficient

(10+00, 0.67)

(10+24, 0.67)

0.017

Results

Normal Depth

0.49 ft

Elevation Range

0.00 to 0.67 ft

Flow Area

8.70 ft²

Wetted Perimeter

24.62 ft

Top Width

23.87 ft

Normal Depth

0.49 ft

Critical Depth

0.46 ft

Critical Slope

0.00627 ft/ft

Velocity

3.09 ft/s

Velocity Head

0.15 ft

Specific Energy

0.63 ft

Froude Number

0.90

Flow Type

Subcritical

Worksheet for 24ft ff

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	0.49	ft
Critical Depth	0.46	ft
Channel Slope	0.00500	ft/ft
Critical Slope	0.00627	ft/ft

Cross Section for 24ft ff

Project Description

Friction Method

Manning Formula

Solve For

Normal Depth

Input Data

Channel Slope

0.00500 ft/ft

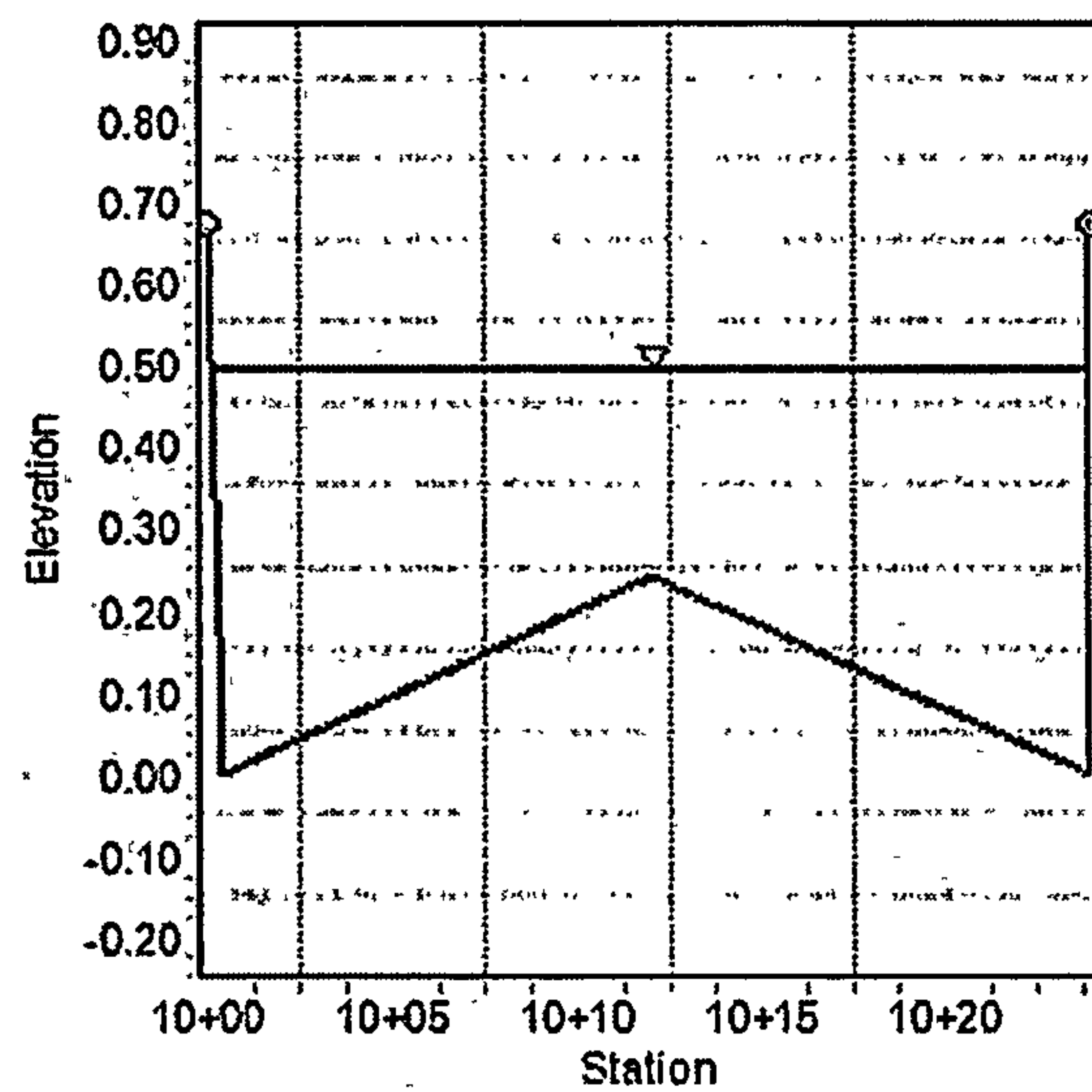
Normal Depth

0.49 ft

Discharge

26.90 ft³/s

Cross-Section Image



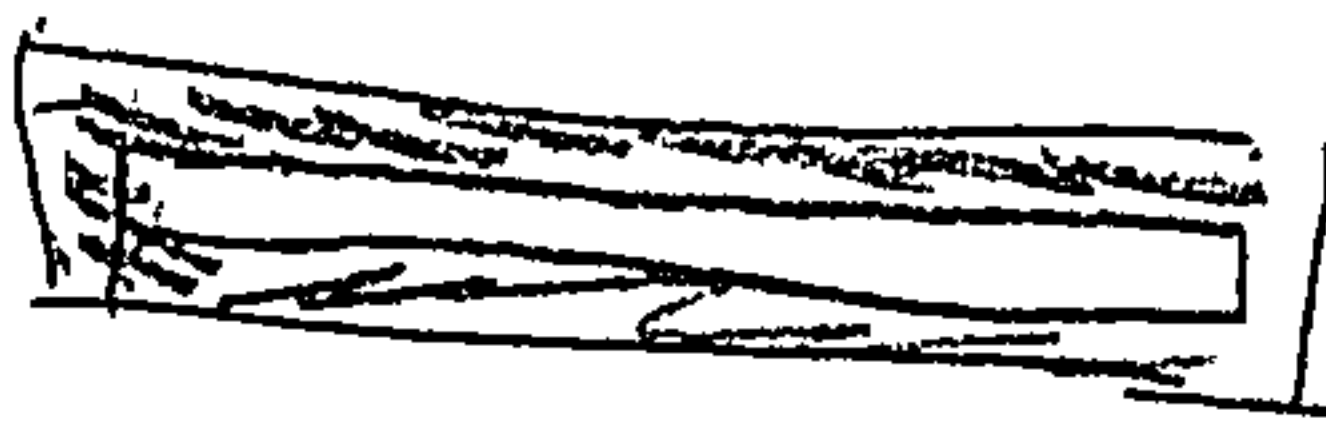
\$900

1700

6x28

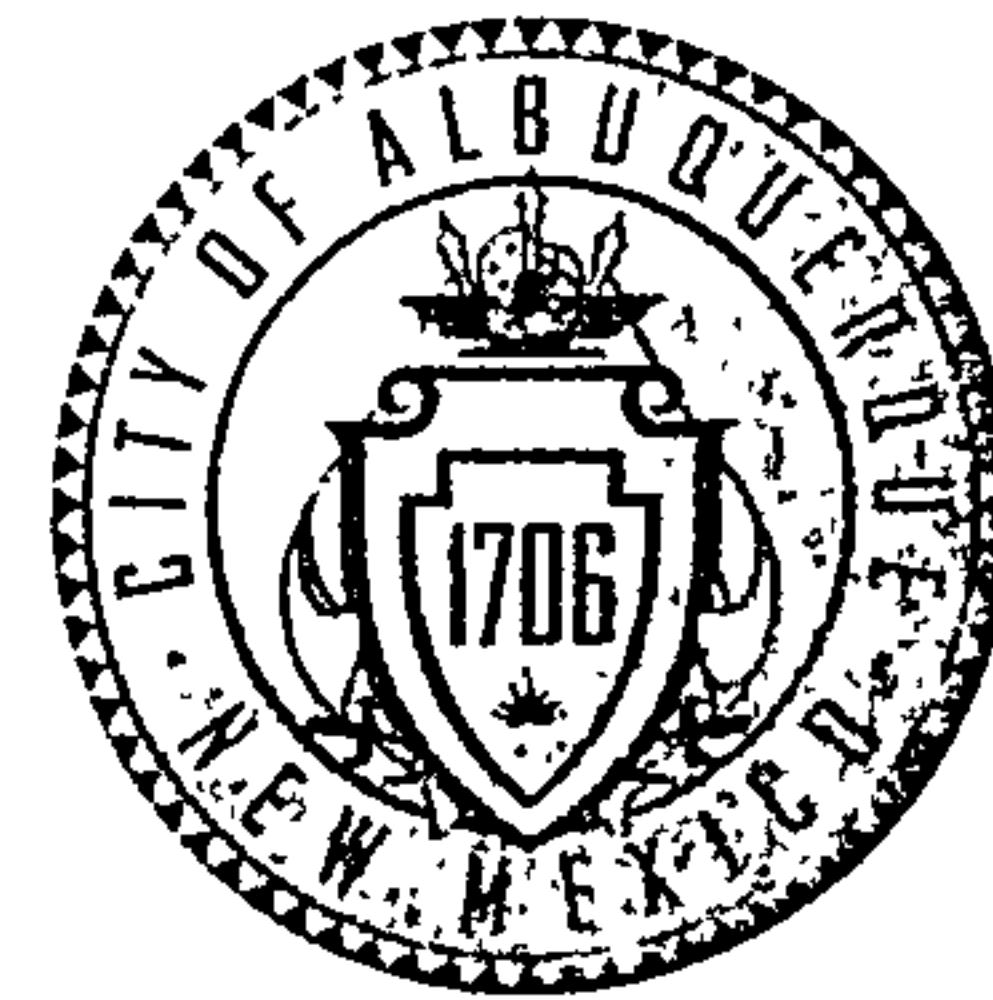
area

\$72



CITY OF ALBUQUERQUE

File



May 4, 2009

Dennis Lorenz, PE
Brasher & Lorenz, Inc.
2201 San Pedro NE, Bldg. 1
Albuquerque, NM 87110

Re: Preventative Pest and Klein Enterprises, (F15/D52C)

Dear Mr. Lorenz,

This letter is a follow-up to our meeting on site at Preventative Pest (5124 N. 2nd St.) and Klein Enterprises (5128 N. 2nd St.). At the meeting, you pointed out that the construction at Klein Enterprises would not allow the drainage from your lot to get to the proper outfall because they had graded their portion of the common access easement too high. I concur with your assessment and also your proposal to regrade in that easement (and beyond as appropriate) to get the two projects closer to being what the City approved. Obviously, Klein Enterprises did not follow their engineer's drawings; however, the City approved a Certificate of Occupancy for that property based on the certification of the design engineer reassessing what *was* built and proving that there were adequate drainage provisions. However, the easement was not completely respected and, as such, your client must enter and reconstruct the easement. The pond and side slope encroaches into this easement. I have checked the certification and find that there is enough extra capacity in that pond to allow the remediation as discussed at our meeting.

PO Box 1293

Albuquerque

NM 87103

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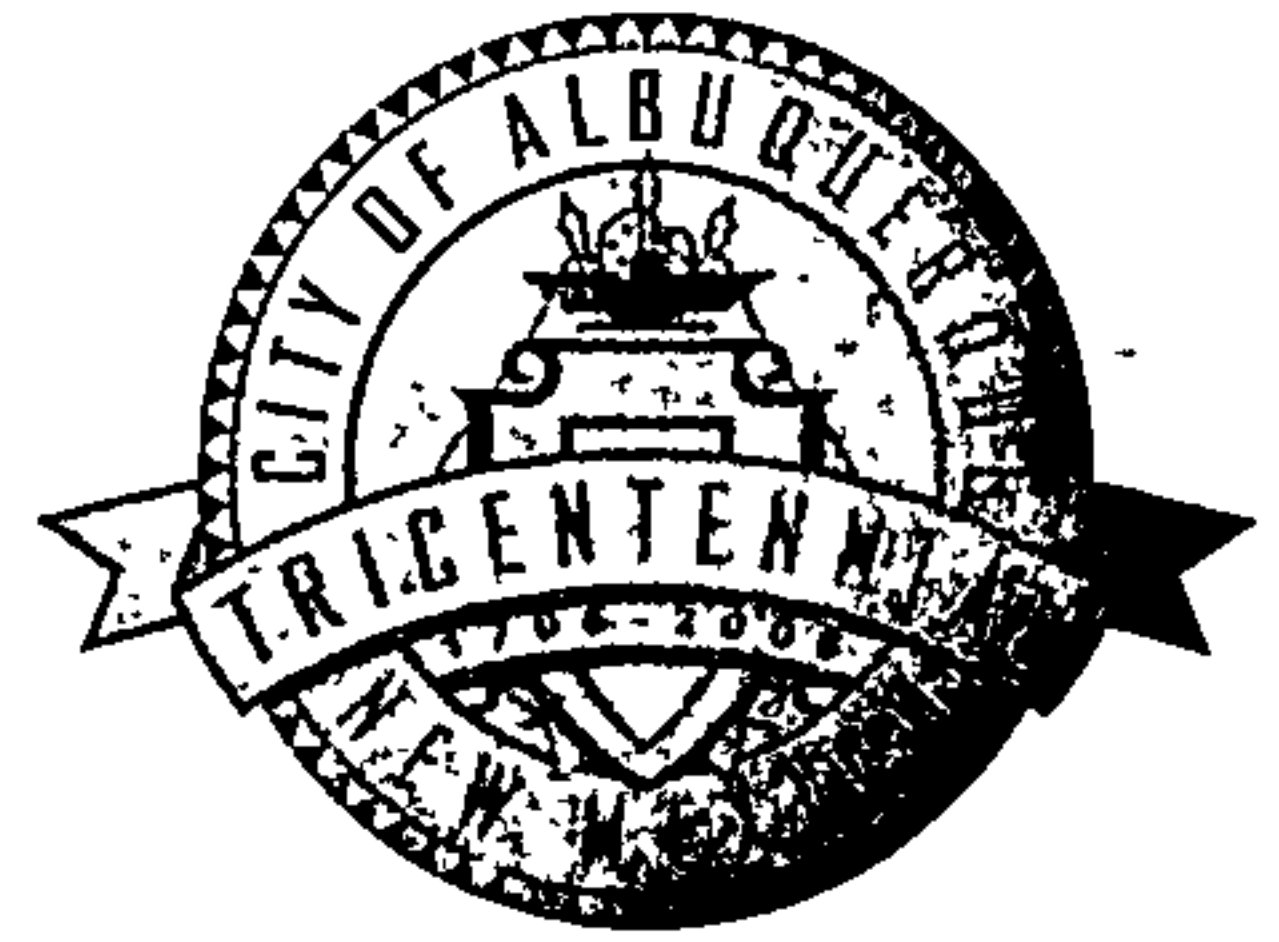
I appreciate the opportunity to be part of the solution. If you have any questions, you can contact me at 924-3986.

Sincerely,

Bradley L. Bingham, PE
Principal Engineer, Planning Dept.
Development and Building Services

C: Tyler Ashton, Wilson and Co.
file

CITY OF ALBUQUERQUE



June 15, 2007

Tyler J. Ashton, P.E.
Wilson & Company Inc., E&A
4900 Lang Ave. NW
Albuquerque, NM 87109

Re: North 2nd St. Business Center Grading and Drainage Plan
Engineer's Stamp dated 6-5-07 (F15/D052)

Dear Mr. Ashton,

Based upon the information provided in your submittal dated 6-6-07, the above referenced plan is approved for Building Permit and SO19 Permit. Please attach a copy of this approved plan to the construction sets prior to sign-off by Hydrology.

A separate permit is required for construction within City R/W. A copy of this approval letter must be on hand when applying for the excavation permit.

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:

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

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

Also, 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 924-3695.

Sincerely,

Curtis A. Cherne, E.I.
Engineering Associate, Planning Dept.
Development and Building Services

C: file
Antoinette Baldonado, Excavation and Barricading
Duane Schmitz, Street/Storm Drain Maintenance