



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

December 14, 2000

Bill Blanton
Federal Emergency Management Agency
500 C Street, SW
Washington, DC 20472

**Re: Request for a Additional Information for Letter of Map Revision for Pete's
Landscaping, City of Albuquerque, New Mexico, Community No. 350002,
FIRM Panel 35001C0141D, FEMA case no. 00-06-1700P**

~~Geo-DS~~

C18-D52

Dear Mr. Blanton,

The purpose of this submittal is to convey the additional information requested for a Letter of Map Revision for Pete's Landscaping.

As the acting Community official, I have reviewed the response provided with this submittal. Our Community would greatly appreciate your prompt response and approval for this Letter of Map Revision.

If you have any questions, you can contact me at (505) 924-3986.

Sincerely,

Bradley L. Bingham

Bradley L. Bingham, PE
City/County Floodplain Administrator (Acting)

C: Jeff Mortensen, P.E., Jeff Mortensen and Assoc.
Alan Johnson, FEMA Headquarters
Jack Quarles, FEMA Region VI

DRAINAGE INFORMATION SHEET

APPLICANT'S NAME: PETES LANDSCAPE ZONE ATLAS/DRNG. FILE #: C-18/D052

DRB #: _____ EPC #: _____ WORK ORDER #: _____

LEGAL DESCRIPTION: Lot 1, 2, 3, & 4 Block 9 Tract A Unit B NAA

CITY ADDRESS: _____

ENGINEERING FIRM: RIZVI ENGINEERING CONTACT: Shakeel Rizvi

ADDRESS: 7049 Luella Ann NE 87109 PHONE: 857-0467

OWNER: Pete's LANDSCAPING CONTACT: 823-9677

ADDRESS: _____ PHONE: _____

ARCHITECT: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

SURVEYOR: Rhombus CONTACT: _____

ADDRESS: _____ PHONE: _____

CONTRACTOR: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

- TYPE OF SUBMITTAL:
- ☐ DRAINAGE REPORT
 - ☐ DRAINAGE PLAN
 - ☒ CONCEPTUAL GRADING & DRAINAGE PLAN
 - ☒ GRADING PLAN
 - ☐ EROSION CONTROL PLAN
 - ☐ ENGINEER'S CERTIFICATION
 - ☐ OTHER _____

- PRE-DESIGN MEETING:
- ☒ YES WITH FRED AGUIRRE VERBAL
 - ☐ NO
 - ☐ COPY PROVIDED

- CHECK TYPE OF APPROVAL SOUGHT:
- ☐ SKETCH PLAT APPROVAL
 - ☐ 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 APPROVAL
 - ☒ GRADING PERMIT APPROVAL
 - ☐ PAVING PERMIT APPROVAL
 - ☐ S.A.D. DRAINAGE REPORT
 - ☐ DRAINAGE REQUIREMENTS
 - ☒ SUBDIVISION CERTIFICATION
 - ☒ OTHER SO 19 ROUGH GRADING (SPECIFY)

DATE SUBMITTED: 2/1/99

BY: [Signature]
SHAKEEL A RIZVI

Revised 02/98

R E C E I V E D
FEB 01 1999
HYDROLOGY SECTION



CITY OF
Albuquerque

Legal Department

P.O. Box 2248 • Albuquerque, NM 87103

(505) 768-4500 • FAX (505) 768-2506

621381

Robert M. White, City Attorney

August 26, 1999

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. James Toulouse, Esq.
2403 San Mateo NE #9W
Albuquerque, NM 87110

Re: City of Albuquerque vs. Pete Vigil, Jr. et al.
Bernalillo County Cause No. CV 95-04125

Dear Mr. Toulouse:

This is in follow-up to our phone conversation of August 9, 1999. The construction drawings for Mr. Vigil's Modesto Avenue relocation are acceptable to the City. Before the Design Review Committee approves the drawings and before work can begin, Mr. Vigil's Contractor needs to obtain a City work order. Mr. Adil Rizvi PE for Mr. Vigil has been informed of this and is familiar with the work order paperwork.

Please have Mr. Vigil and his contractor contact the City Engineer immediately to obtain the work order. As you know, under the Court's Order, Mr. Vigil has until September 3, 1999 to relocate his landscaping material. I look forward to your prompt response.

Sincerely,

Kevin J. Curran, Esq.
Assistant City Attorney

KJC/cf

cc: Fred Aguirre, City Engineer ✓
Adil Rizvi PE
Karen Howden-Weaver, Esq.

Good for You, Albuquerque!





City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

23 April 1999

Adil Rizvi, PE
Rizvi Engineering
7049 Luella Ann NE
Albuquerque, NM 87109

RE: PETE'S LANDSCAPING (C18/D052) FOLLOW UP TO EARLIER GRADING
PERMIT APPROVAL LETTER (Letter dated 7 April 1999)

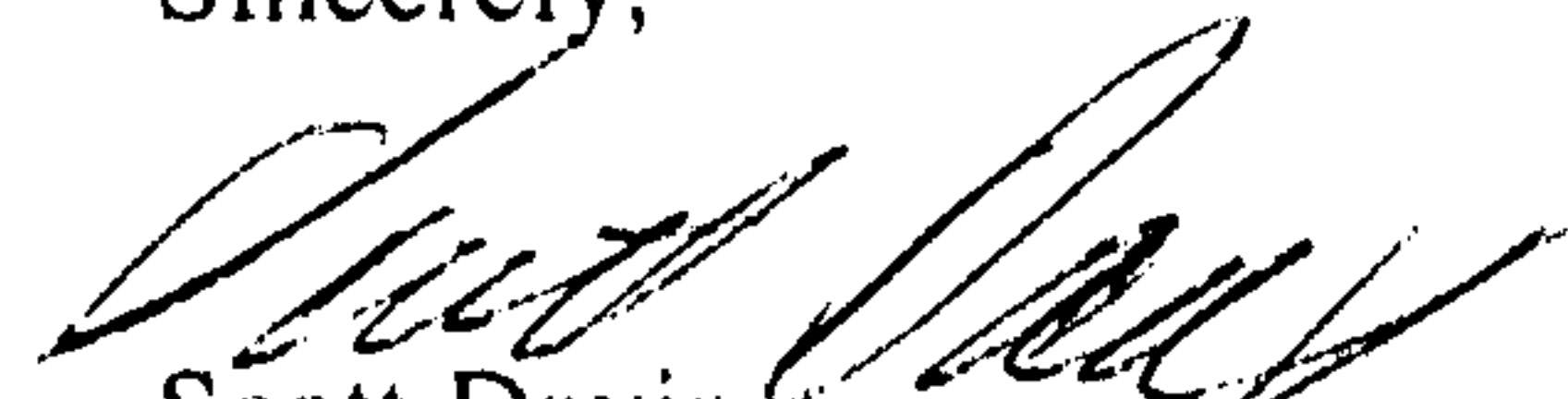
Dear Mr. Rizvi:

In my earlier approval letter referenced above I failed to mention that you will be required to submit to this office Engineer's Certification for grading upon completion of the proposed improvements.

I have also been informed that for the improvements you are scheduled to make within City right-of-way, an SO-19 is not applicable. You instead, per the City development process, must submit your plan for DRC review and approval.

If you have any question regarding the items I have discussed in this letter you can contact either myself at 768-2766 or Mr. Fred Aguire at 924-3980.

Sincerely,


Scott Davis
PWD, Hydrology Div.

c: Fred Aguire
file



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

7 April 1999

Adil Rizvi, PE
Rizvi Engineering
7049 Luella Ann NE
Albuquerque, NM 87109

RE: PETE'S LANDSCAPING (C-18/D052) DRAINAGE RESUBMITTAL FOR GRADING & SO-19
APPROVAL. ENGINEER'S STAMP DATED 3-18-99

Dear Mr. Rizvi:

Based upon the additional information you have included in your most recent resubmittal, the referenced project is approved for Grading Permit and the work shown to be done within City right-of-way is approved for issuance of a SO-19 permit.

My only remaining concern relates to the asphalt transition section referred to at the east end of the site. Your plan is lacking sufficient detail to enable the contractor to construct this asphalt transition. Although not clearly shown, I believe the intent of the transition is to divert the waters within the bar-ditch to Modesto so that they can be intercepted downstream. Please clarify this on your plan so that the contractor can build it accordingly.

Please attach a copy of this approved plan to the construction sets prior to sign-off by Hydrology. Upon completion of the work being performed within City right-of-way, please arrange to have the work inspected by City staff.

If I can be of further assistance, feel free to contact me at 768-2766.

Sincerely,

Scott Davis
PWD, Hydrology Div.

c: Andrew Garcia
Arlene Portilla
file

822-9929

DRAINAGE INFORMATION SHEET

APPLICANT'S NAME: Pete's Landscaping ZONE ATLAS/DRNG. FILE #: C18-D52

DRB #: _____ EPC #: _____ WORK ORDER #: _____

LEGAL DESCRIPTION: Lot 1, 2, 3, 4, Block 9 TRACT "A", UNIT "B" NAA

CITY ADDRESS: _____

ENGINEERING FIRM: Rizvi Engineering CONTACT: Shakeel Rizvi

ADDRESS: _____ PHONE: 857-0469

OWNER: Pete Vigil CONTACT: _____

ADDRESS: _____ PHONE: _____

ARCHITECT: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

SURVEYOR: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

CONTRACTOR: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT
- ☐ DRAINAGE PLAN
- ☐ CONCEPTUAL GRADING & DRAINAGE PLAN
- ☐ GRADING PLAN
- ☐ EROSION CONTROL PLAN
- ☐ ENGINEER'S CERTIFICATION
- ☒ OTHER Resubmittal

PRE-DESIGN MEETING:

- ☐ YES
- ☐ NO
- ☐ COPY PROVIDED

CHECK TYPE OF APPROVAL SOUGHT:

- ☐ SKETCH PLAT APPROVAL
- ☐ PRELIMINARY PLAT APPROVAL
- ☐ S. DEV. PLAN FOR SUB'D APPROVAL
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- ☐ S.A.D. DRAINAGE REPORT
- ☐ DRAINAGE REQUIREMENTS
- ☐ SUBDIVISION CERTIFICATION
- ☒ OTHER SO 19 (SPECIFY)

DATE SUBMITTED: *[Signature]*

BY: _____

Revised 02/98

R
E C E I V E
D
 MAR 25 1999
 HYDROLOGY SECTION



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

11 February, 1999

Shakeel Rizvi
Rizvi Engineering
7049 Luella Ann NE
Albuquerque, NM 87109

RE: PETE'S LANDSCAPING (C-18/DO52), 2/1/99 DRAINAGE SUBMITTAL FOR GRADING & SO-19 APPROVAL. ENGINEER'S STAMP DATED 1/15/99

Dear Mr. Rizvi:

Having reviewed the information provided in your 2/1/99 drainage submittal, I have the following comments which will need to be addressed prior to obtaining Hydrology Division approval of the subject project:

- A Site Development Plan approved by the City Zoning Division will be required. As a part of the Site Development Plan, it will be necessary to remove the interior lot lines. Please contact Ellen at 924-3850 with any questions regarding additional Site Plan requirements.
- You will need to establish preliminary street grades and determine if any storm drain improvements will be necessary within Modesto Avenue. If street and storm drain improvements already exist within the Modesto right-of-way, please show them. As a part of the drainage analysis, please identify the upstream drainage basin and determine whether there is potential for a hydraulic jump at the intersection of San Mateo.
- Your plan currently shows a power pole within the onsite ponding area. This is not acceptable.

If you have any questions regarding any of my concerns, I can be reached at 924-3986.

Sincerely,

Scott Davis
PWD, Hydrology Division

c: Andrew Garcia
file

DRAINAGE INFORMATION SHEET

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DRB #: _____ EPC #: _____ WORK ORDER #: _____

LEGAL DESCRIPTION: Lots 1,2,3, & 4 Block 9 Tract "A" Unit "B"

CITY ADDRESS: _____

ENGINEERING FIRM: Rizvi Engineering CONTACT: Shakeel Rizvi

ADDRESS: 7049 Luella ANN NE PHONE: 857-0467

OWNER: Pete Vigil CONTACT: _____

ADDRESS: _____ PHONE: _____

ARCHITECT: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

SURVEYOR: Rhombus Surveying CONTACT: _____

ADDRESS: _____ PHONE: _____

CONTRACTOR: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

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 - ☐ DRAINAGE REQUIREMENTS
 - ☐ SUBDIVISION CERTIFICATION
 - ☐ OTHER 50-19 (SPECIFY)

DATE SUBMITTED: SHAKEEL RIZVI

BY: [Signature]
3/3/99



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

12 March, 1999

Adil Rizvi, PE
Rizvi Engineering
7049 Luella Ann NE
Albuquerque, NM 87109

RE: PETE'S LANDSCAPING (C-18/D052) DRAINAGE RESUBMITTAL FOR GRADING & SO-19 APPROVAL. ENGINEER'S STAMP DATED 2-28-99

Dear Mr. Rizvi:

Based upon the information contained in your 3-3-99 resubmittal, I have some additional concerns that will need to be addressed prior to gaining Hydrology Division approval. A site visit was made by a member of our staff and several observations were made that were not accurately addressed in either of your previous two submittals.

1. Along the west side of the site, the existing curb in San Mateo is temporary asphalt curb. Please show this accurately on your plan as you will be required to replace this temporary curb with permanent concrete curb and gutter.
2. An existing swale exists along the south side of Modesto which currently conveys storm flows west to San Mateo. Since as a part of this project you will be putting new curb & gutter along the south side of Modesto, you need to show how you propose to divert the flows within the swale into Modesto.
3. There continue to be concerns that storm waters within Modesto may cross San Mateo prior to turning north to the inlet at the adjacent arroyo. City Ordinance states that one lane of San Mateo must remain dry in a 10-year storm event. If calculations can't support this, you will need to provide some means of collecting the storm flows along the south side of Modesto.
4. City Ordinance also dictates that you include sidewalk along Modesto and San Mateo, adjacent to the site.

If I can be of assistance, feel free to call me at 924-3986.

c: Andrew Garcia
file

Sincerely,

Scott Davis
PWD, Hydrology Div.

STREET FLOW CAPACITY CALCULATIONS

The followings are the input and output files for street flow capacity using the Manning's equation.

Q = Flow

S = Slope of the street

D_n = Water normal depth

V_n = Velocity based on the water normal depth

D*V = (Water normal depth) x (Velocity based on the water normal depth)

Fr = Froude number

E = Energy Grade Line

D2 = Hydraulic Jump

INPUT FILE

40-FT F-F, 8" CURB STREET SECTION

100 22.00 0.0265

END OF THE INPUT FILE

999 0.00 0.00

OUTPUT FILE

40-FT F-F, 8" CURB STREET SECTION

STREET CAPACITY BASED ON 100-YR STORM

Q (CFS)	S (FT/FT)	D _n (FT)	V _n (FT/S)	D*V (FT ² /S)	Fr	E (FT)	D2 (FT)
22.00	0.02650	0.403	4.209	1.696	1.168	0.678	0.494

END OF THE OUTPUT FILE

Findings:

- 1 - Hydraulic Jump (D2=0.494') does not exceed the height of the curb.
- 2 - Energy grade line (E=0.678') only exceeds the top of curb by 0.008'.
- 3 - To be conservative in our calculations, we rounded the flow to Q=22 cfs.