# City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103


March 6, 2002

Gilbert Aldez, P.E.
Applied Engineering & Surveying, Inc.
1605 Blair Dr NE
Albuquerque, NM 87112

RE: ROBERTS MONTANO RETAIL (F-14/D23A)
(223 Montano Rd NW)
ENGINEERS CERTIFICATION FOR CERTIFICATE OF OCCUPANCY
ENGINEERS STAMP DATED 9/30/1999
ENGINEERS CERTIFICATION DATED 2/25/2002

Dear Mr. Aldez:

We are in receipt of your Engineers Certification submittal dated 2/13/2002 regarding the above referenced site; However, a Temporary Certificate of Occupancy from City Hydrology **still can not** be issued at this time.

As previously stated in my letter dated 2/19/2002, an SO19 permit is required prior to any Certificate of Occupancy being issued.

Per the City's Permit Section, it has been verified that the contractor has *not* obtained the permit for the SO19. This permit, as well as having the City's storm drainage inspector's approval signature of the SO19, needs to be submitted with the Engineers Certification prior to the approval of any Certificate of Occupancy, as per the Design Process Manual (DPM) Chapter 17 "Private Storm Drain Facilities within a City Right-of-Way and/or Easement"

When the above issue has been addressed and submitted to the City Hydrology Section, then a Certificate of Occupancy can be issued.

If you have any questions, please feel free to contact me at 924-3981.

Sincerely,

Teresa A. Martin

Teresa Martin
Hydrology Plan Checker
Public Works Department/COA

BLB

c: File

**WILSON**
**&COMPANY**

*4775 Indian School Road, N.E., Suite 200*
*Albuquerque, New Mexico 87110*
*Post Office Box 3548 87190*
*505-254-4000*

*Albuquerque*
*Colorado Springs*
*Denver*
*Kansas City*
*Lenexa*
*Phoenix*
*Salina*
*San Diego*
*Wichita*

10 March 1997

Mr. Steve Boberg, Drainage Engineer
Hydrology Section - Public Works Department
City of Albuquerque
P.O. Box 1293
Albuquerque, NM 87102

Re: **Submittal of Drainage Flow/Basin Map for Montaño Corridor**
**COA Project 3255.90**
WCEA File No: 96-210-076

Dear Steve:

In conjunction with you, we have developed the attached Montano Road Drainage Flow/Basin Map. The Map was developed to quantify flows that will be routed to the proposed Montaño Storm Water Pump Station, and help analyze flow discharges from developments as they are proposed. Provided on the Map we have shown the current and developed discharge conditions. The information on existing inflows was taken from two prior reports prepared for the City of Albuquerque; Drainage Report (Phase 1 of the Montaño Corridor From Rio Grande Boulevard to Edith), March 1986, by Wilson & Company and North Valley Drainage Systems Final Design Analysis Report, Volume II, System A, December 1985, by Scanlon & Associates, Inc. The existing inflows are:

| | |
|---|---|
| Renaissance Pond | ± 24 CFS |
| AGP Pond | ± 6 CFS |
| Bernalillo County Pond | ± 19 CFS |
| Albuquerque Grociers Pond | ± 5 CFS |
| **Total** | **± 54 CFS** |

Proposed developments along the Montaño Corridor will occur and require a discharge rate to the Montano System. To reflect this, we have added all existing flows and diverted off 30 CFS to the Alameda Drain. This leaves 80 CFS from approximately 2nd Street to the Pump Station at Rio Grande Boulevard. It was determined that approximately 76 acres would be able to discharge to the Montano system. At 0.5 cfs per acre, an additional 30 CFS is developed. This gives a total of 110 cfs for the system to handle. Even though the Pump Station was only designed to handle 95 cfs, it will have sufficient capacity due to available storage on Montaño Road and within the right-of-way from Guadalupe Trail to Rio Grande Boulevard. Also, the specific routing of flows along the Montaño Corridor will allow for offsetting the peaks.

If you have any questions, please give us a call.

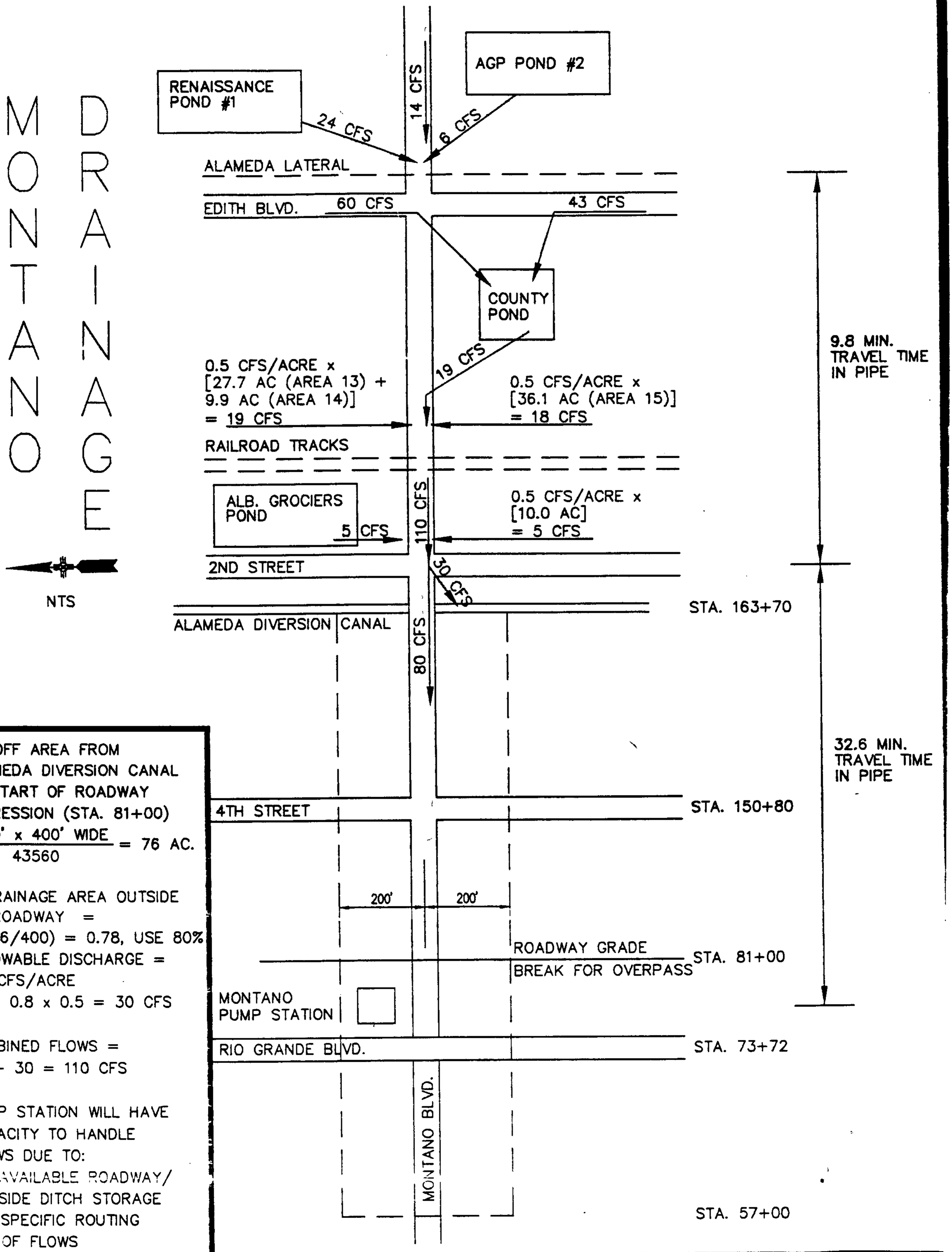
WILSON & COMPANY

Scott F. Perkins, P.E.
Principal

SFP/lb

cc: Ed Adams, COA Trans. Development

# MONTANO DRAINAGE




RUNOFF AREA FROM ALAMEDA DIVERSION CANAL TO START OF ROADWAY DEPRESSION (STA. 81+00)

$\frac{8270' \times 400' \text{ WIDE}}{43560} = 76$ AC.

% DRAINAGE AREA OUTSIDE OF ROADWAY =
(1−86/400) = 0.78, USE 80%
ALLOWABLE DISCHARGE =
0.5 CFS/ACRE
76 x 0.8 x 0.5 = 30 CFS

COMBINED FLOWS =
80 + 30 = 110 CFS

PUMP STATION WILL HAVE CAPACITY TO HANDLE FLOWS DUE TO:
1) AVAILABLE ROADWAY/ SIDE DITCH STORAGE
2) SPECIFIC ROUTING OF FLOWS

# City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103


February 9, 2000

Gilbert Aldaz, PE
Applied Engineering & Survey, Inc.
1605 Blair Dr. NE
Albuquerque, NM 87112

**Re: Roberts Montano Retail Grading and Drainage Plan**
**Engineer's Stamp dated 9-30-99 & 1-4-00(F14/D23A)**

Dear Mr. Aldaz,

Based upon the information provided in your resubmittal dated 1-5-00, the above referenced plan is approved Site Development Plan for Building Permit, 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.

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 924-3986

Sincerely,

Bradley L. Bingham

Bradley L. Bingham, PE
Hydrology Review Engineer

C: Pam Lujan
file