



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

August 5, 1999

Mr. Jeff Mortensen, P.E.
Jeff Mortensen & Associates
6010-B Midway Park Blvd. N.E.
Albuquerque, NM 87109

**RE: UNM Airport Lease Parcel, N15/D1c, Engineer's Stamp Dated 8/3/99, Received 8/4/99,
Drainage Concept Approval**

Dear Jeff:

The revised drainage master plan dated 8/3/99 is approved in concept only. If I can be of further assistance, please feel free to call me at 924-3999.

Sincerely,

Fred J. Aguirre
City Engineer



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

February 17, 1999

Jeff Mortensen, P.E.
Jeff Mortensen & Associates
6010-B Midway Park Blvd. NE
Albuquerque, NM 87109

Attn: Gary Bittner

***RE: UNM AIRPORT LEASE PARCEL (N15-D10). CONCEPTUAL GRADING AND
DRAINAGE PLAN FOR DRAINAGE REQUIREMENTS. ENGINEER'S STAMP
DATED DECEMBER 10, 1998.***

Dear Mr. Mortensen:

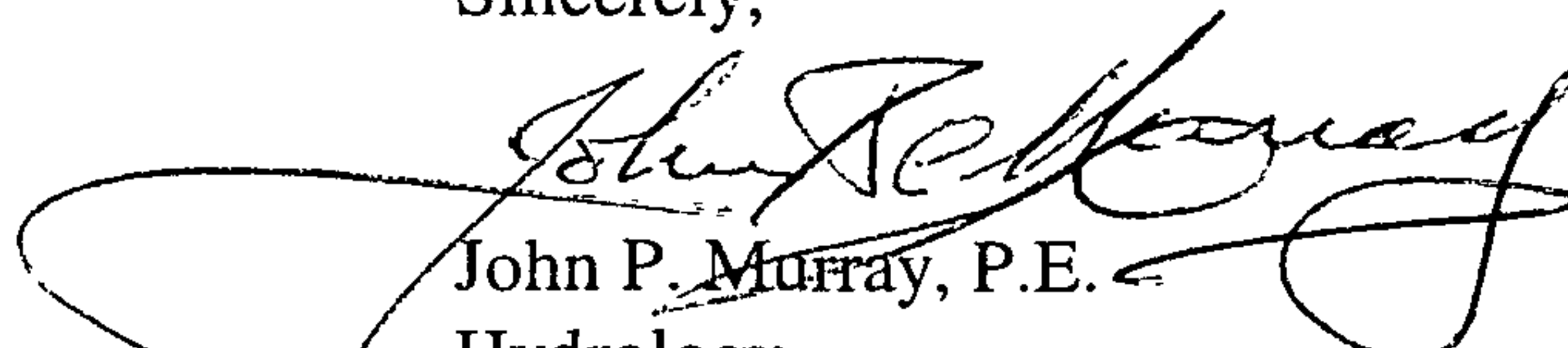
Based on the information provided on your submittal of December 11, 1998, City Hydrology has the following comments:

See Comment No.1 of City Consultant's letter of 1/30/99 suggesting clearly entitling this a MASTER PLAN for future references.

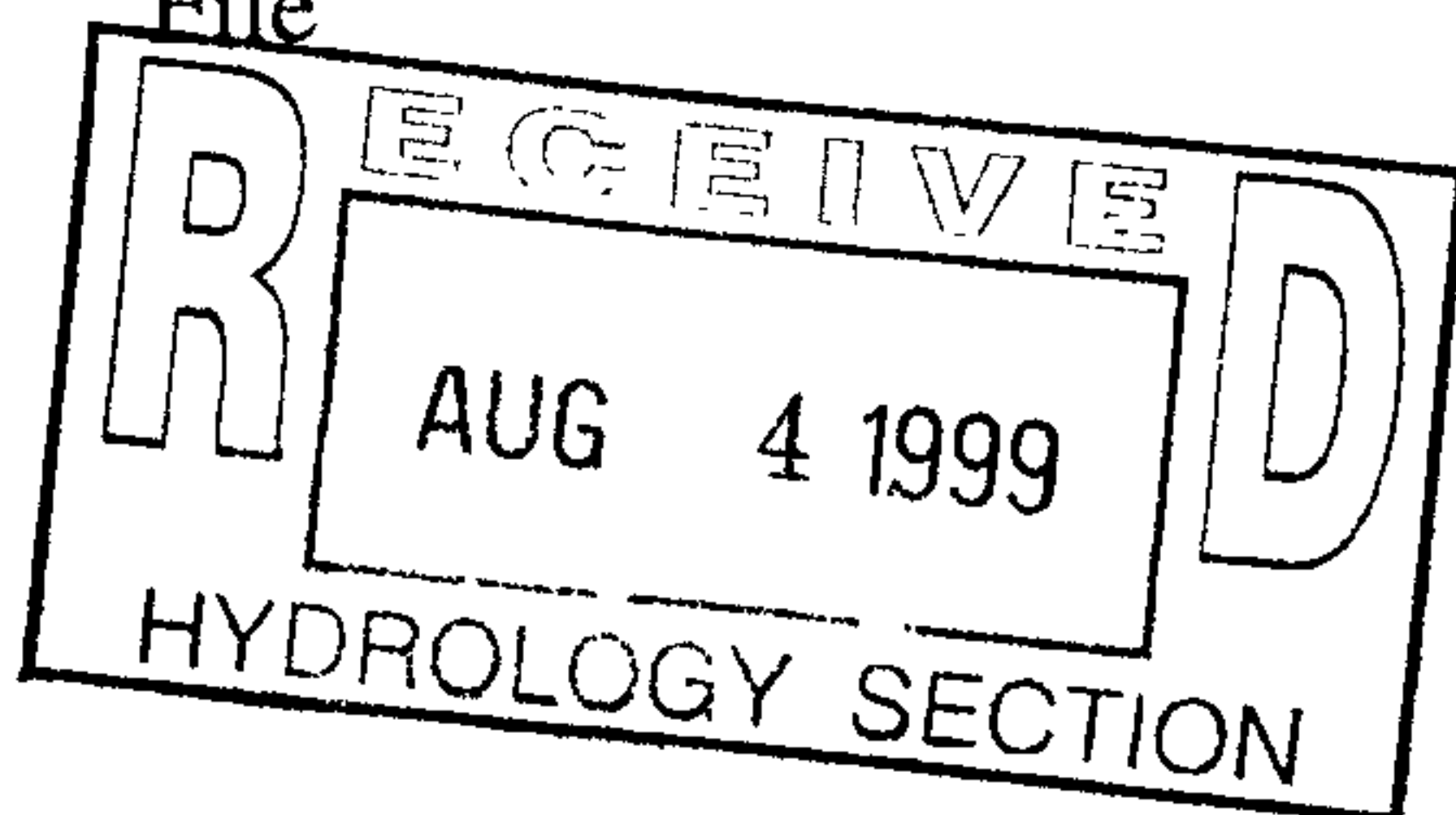
See Comments No. 2 through 9 concerning Drainage Plan details. Revise/correct submittal as necessary to conform.

If I can be of further assistance, please feel free to contact me at 924-3984.

Sincerely,


John P. Murray, P.E.
Hydrology

c: Andrew Garcia
File





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February 17, 1999

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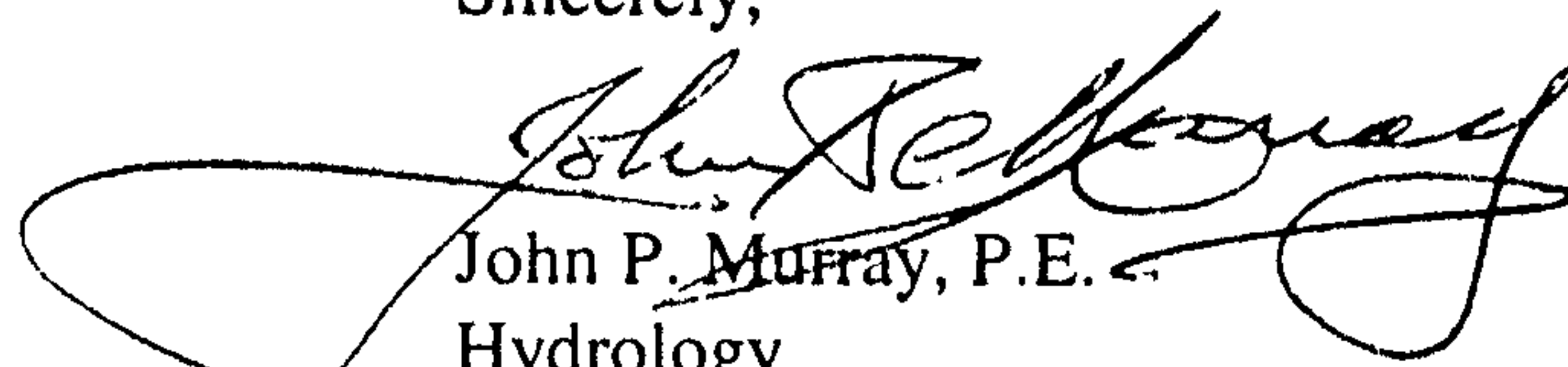
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Sincerely,


John P. Murray, P.E.
Hydrology

c: Andrew Garcia
✓ File

SMITH ENGINEERING COMPANY
A Full Service Engineering Company

January 30, 1999

Mr. Fred Aguirre, P.E.
Hydrologist
City of Albuquerque
Public Works Department
P.O. Box 1293
Albuquerque, NM 87103

**RE: Master Drainage Report and Conceptual Grading Plan for
U.N.M. Airport Lease Parcel
Unplatted Lands of U.N.M.
Stamped 12-10-98 by Jeffery Mortenson, P.E.**

Request Approvals for:

Drainage Requirements

Drainage File N-15 / D10

SEC Job No. #198624.b27

Dear Mr. Aguirre,

Smith Engineering Company (SEC) is please to review the reference submittal. The scope of the project includes a Master Drainage Plan and Conceptual Grading Plan for a planned Warehouse and Office complex.

My Comments are as follows:



1. The Drainage Plan narrative description indicates that this plan is to be used as the master plan for future developments in this location. It may be helpful to rename the Plan to indicate this, it would make it easier on others in the future to know this is the plan they must adhere to for development.

2. Sheet 3 of 5 - Need a note on the upstream end of the 8-inch storm drain at the type Double D inlet to install a 6-inch orifice plate on the 8-inch pipe.

3. Sheet 3 of 5 - Need a manhole at the intersection of the 12-inch and 18-inch storm drains.

4. Sheet 3 of 5 - Need to show the Double D storm inlet located in the middle of the detention pond (there is a note but is not shown).

SMITH ENGINEERING COMPANY
A Full Service Engineering Company

5. Sheet 3 of 5 - There appear to be some "typos" regarding TC elevations along the detention pond (TC300.00)
6. Sheet 4 of 5 - Basin "A" calculations indicate a Double D inlet, Sheet 3 of 5 shows a Double C inlet (which is correct and are the hydraulic calculations correct?).
7. Sheet 4 of 5 - Basin "B" calculations indicate a Double C inlet, Sheet 3 of 5 shows a Single C inlet (which is correct and are the hydraulic calculations correct?).
8. Sheet 4 of 5 - Basin "G" calculations indicate a Single C inlet, Sheet 3 of 5 shows a Double throat Type "A" inlet (which is correct and are the hydraulic calculations correct?).
9. Sheet 4 of 5 - There are no calculations presented to indicate how much volume the detention pond actually has ?? as compared to the required volume of 63,363 cu ft as indicated on the hydrograph shown. In addition, how much freeboard will there be?? This must be computed and presented.

Sincerely,



Smith Engineering Company
Pat Stovall, P.E.

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