



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

October 30, 1995

Jackie McDowell, P.E.
McDowell Engineering, Inc.
7200 Valley Forge Place NE
Albuquerque, NM 87109

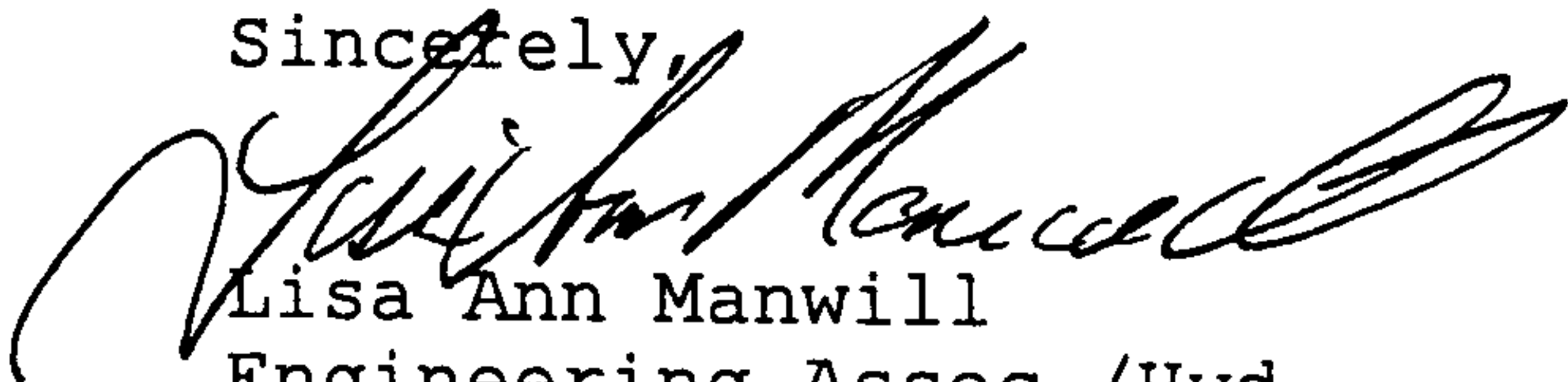
**RE: WHITWELL OFFICE B (C17-D100) ENGINEER'S CERTIFICATION FOR
CERTIFICATE OF OCCUPANCY. ENGINEER'S CERTIFICATION DATED
OCTOBER 26, 1995.**

Dear Ms. McDowell:

Based on the information provided on your October 27, 1995
submittal, the above referenced project is approved for
Certificate of Occupancy.

If I can be of further assistance, please feel free to contact me
at 768-3622.

Sincerely,



Lisa Ann Manwill
Engineering Assoc./Hyd.

c: Andrew Garcia
File



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

April 12, 1995

Jackie McDowell
McDowell Engineering Inc.
7200 Valley Forge Pl. NE
Albuquerque, NM 87109

RE: REVISED DRAINAGE PLAN FOR WHITWELL OFFICE BUILDING
(C17-D100) REVISION DATED 4/10/95.

Dear Ms. McDowell:

Based on the information provided on your April 11, 1995 resubmittal, the above referenced site is approved for Building Permit.

Please attach a copy of this approved plan to the construction sets prior to sign-off by Hydrology.

Prior to Certificate of Occupancy release, Engineer Certification per the D.P.M. checklist will be required.

If I can be of further assistance, please feel free to contact me at 768-2667.

Sincerely,

Bernie J. Montoya
Bernie J. Montoya, CE
Engineering Associate

BJM/dl

c: Andrew Garcia
File



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

December 22, 1994

Jackie McDowell
McDowell Engineering Inc.
7200 Valley Forge Pl. NE
Albuquerque, NM 87109

RE: REVISED DRAINAGE PLAN FOR WHITWELL OFFICE BUILDING
(C17-D100) REVISION DATED 12/9/94.

Dear Ms. McDowell:

Based on the information provided on your December 12, 1994 resubmittal, the above referenced site is approved for Building Permit.

Please attach a copy of this approved plan to the construction sets prior to sign-off by Hydrology.

Prior to Certificate of Occupancy release, Engineer Certification per the D.P.M. checklist will be required.

If I can be of further assistance, please feel free to contact me at 768-2667.

Sincerely,

Bernie J. Montoya
Bernie J. Montoya, CE
Engineering Associate

BJM/dl

c: Andrew Garcia
File



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

November 29, 1994

Jackie McDowell
McDowell Engineering, Inc.
7200 Valley Forge Place NE
Albuquerque, NM 87109

RE: DRAINAGE PLAN FOR WHITWELL OFFICE BUILDING (C17-D100)
ENGINEER'S STAMP DATED 11/8/94.

Dear Ms. McDowell:

Based on the information provided on your November 21, 1994 submittal, the above referenced site is approved for Foundation permit. Please be advised that prior to Building and Grading permit approval, the following items must be addressed:

- ✓ 1. Bench Marks-location, description and elevation of the :
 - A. A.C.S. vertical datum used.
 - B. T.M.B. on site permanently marked.
- ✓ 2. Top of curb and flowline elevations on Washington Place NE.
- ✓ 3. Elevation of property line must be one foot above flowline especially at the drivepads.
- ✓ 4. Indicate your asphalt slope on the plan drawing within the swale areas.
5. Plan drawing indicates a buffer zone between the proposed building and the asphalt area on the north side. You must provide curb cuts to allow the roof run-off to exit onto the asphalt area.

If I can be of further assistance, please feel free to contact me at 768-2667.

Sincerely,

Bernie J. Montoya
Bernie J. Montoya, CE
Engineering Associate

c: Andrew Garcia
File

17-Nov-94

Calculations: Total Basin

Calculations are based on "Section 22.2 Hydrology of the Development Process Manual, Volume 2, Design Criteria for the City of Albuquerque, New Mexico, January 1993 - basins < 40 acres".

Precipitation Zone = 2

Depth at 100-year, 6-hour storm: (Table A-2)

P = 2.35 inches

Land Treatments:

From Table 5 - Percent Treatment D

Single Family Residential =

$7 \times \text{SQR}((N \times N) + (5 \times N))$

where N = units/acre

N = ----- = -----, ok < 6

N = 0.00

Therefore Percent Treatment D = 0.00%

(includes local streets)

Areas: (acres)	Existing	Proposed
Treatment A	0.57	0.00
Treatment B	0.00	0.10
Treatment C	0.00	0.00
Treatment D	0.00	0.47
Total (acres) =	0.57	0.57

Volume	100 year Existing	100 year Proposed	10 year Existing	10 year Proposed	2 year Existing	2 year Proposed
Volume (acre-feet) =	0.03	0.09	0.01	0.05	0.00	0.03
Volume (cubic feet) =	1,097	3,900	269	2,388	0	1,355

Total Q(p), cfs:	100 year Existing Q(p)*A	100 year Proposed Q(p)*A	10 year Existing Q(p)*A	10 year Proposed Q(p)*A	2 year Existing Q(p)*A	2 year Proposed Q(p)*A
Treatment A	0.89	0.00	0.22	0.00	0.00	0.00
Treatment B	0.00	0.23	0.00	0.10	0.00	0.01
Treatment C	0.00	0.00	0.00	0.00	0.00	0.00
Treatment D	0.00	2.21	0.00	1.48	0.00	0.87
Total Q (cfs) =	0.89	2.44	0.22	1.57	0.00	0.88

NOV 2 1994