



April 9, 1998

Jake Bordenave, P.E.
Bordenave Designs
P.O. Box 91194
Albuquerque, NM 87199

***RE: AAA SEPTIC TANK (M14-D25). GRADING AND DRAINAGE PLAN SUBMITTAL
FOR BUILDING PERMIT APPROVAL. ENGINEER'S STAMP DATED 1-13-98.***

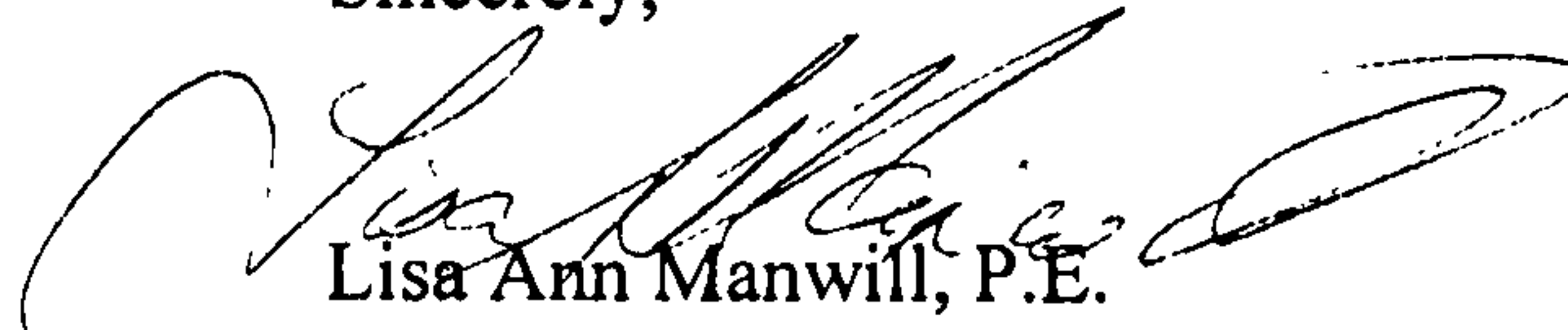
Dear Mr. Bordenave:

Based on the information provided on your January 16, 1998 submittal, the above referenced project is approved for Building Permit. This property must contribute to a future storm drain system in Second Street.

An Engineer's Certification will be required prior to Certificate of Occupancy approval.

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

Sincerely,



Lisa Ann Manwill, P.E.
Hydrology

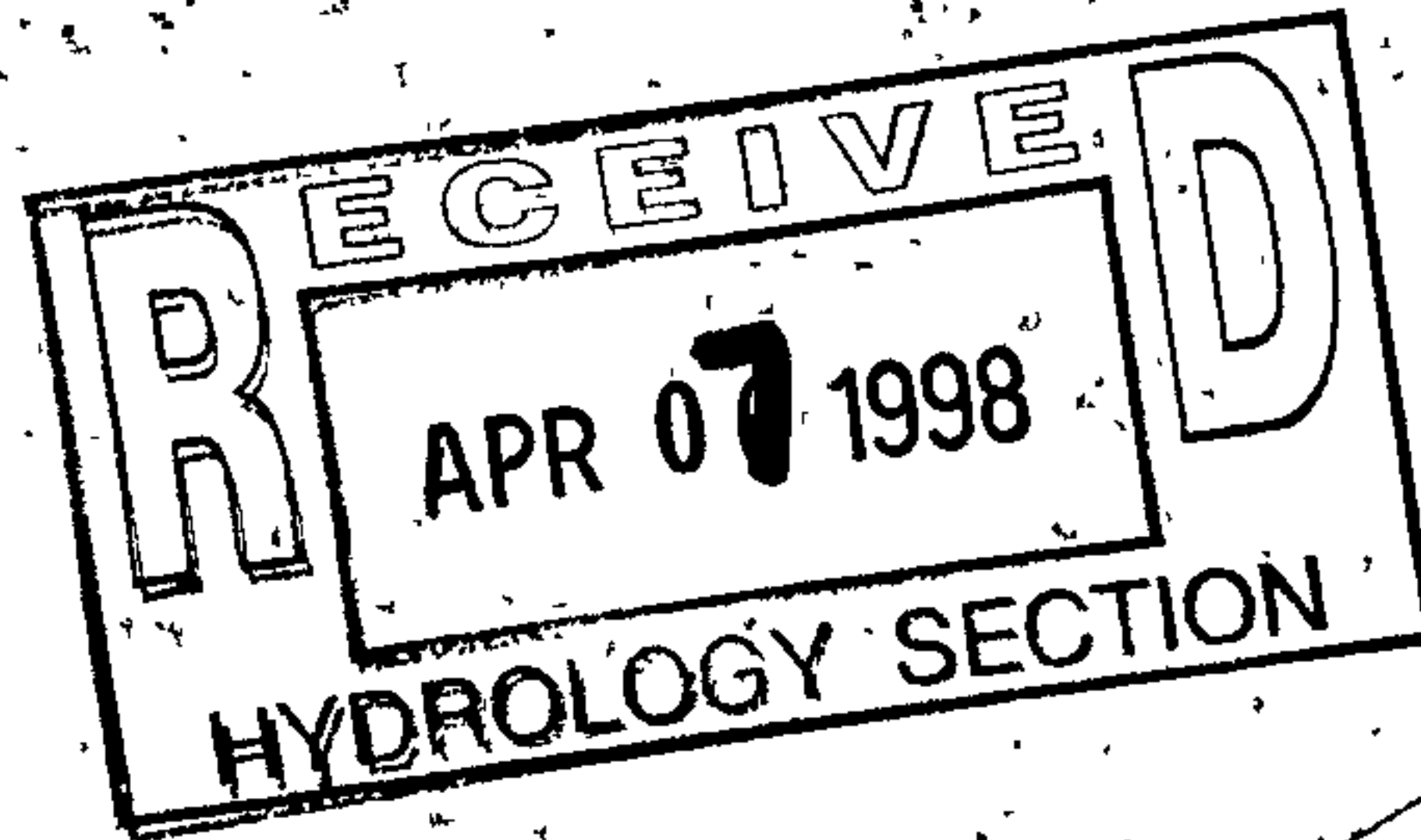
c: Andrew Garcia


Good for You, Albuquerque!



B Bordenave Designs

April 1, 1998



City of Albuquerque
PWD/Hydrology
P. O. Box 1293
Albuquerque, NM 87103

Attn: Ms. Lisa Ann Manwill, PE
Re: M14/D25

Dear Ms. Manwill:

The following is written in response to your comments dated February 11, 1998. The responses are in the same order as the comments.

1. The grading and drainage plan submitted uses site retention as a drainage scheme as there is no outfall in the area. The system has been designed in such a manner that, a) the pond is completely evacuated at the end of the six hour rainfall period and, b) the system can be easily converted to either a detention system or a direct discharge system when a storm drain is constructed in 2nd Street in the future.

It is anticipated that 2nd street will be expanded and upgraded in the future when the Swartzman Farms area is developed. The development of this large area will require improvement in the roadway system, and equally important, the development will require a major drainage outfall. The Swartzman area is located approximately 1500 feet south of this development.

Until the improvement of 2nd Street is made there is no drainage pattern for the entire area.

2. The existing culvert crossing 2nd Street immediately south of the proposed development is an irrigation lateral coming off the Barr Canal.

3. The entire area is essentially flat. 2nd Street to the east, the Barr Canal to the west and an irrigation lateral to the south are all above the basic ground level and act as berms. There is an actual earth berm along the north. As with most of the agricultural area of the valley, the land is essentially flat

P.O. Box 91194
Albuquerque, NM 87199-1194
(505) 823-1344

~~John,
Jake needs to be informed
that retention will not
be permitted. He needs
to re-~~

construct
one

04/01/98

Ms. Manwill

M14/D25

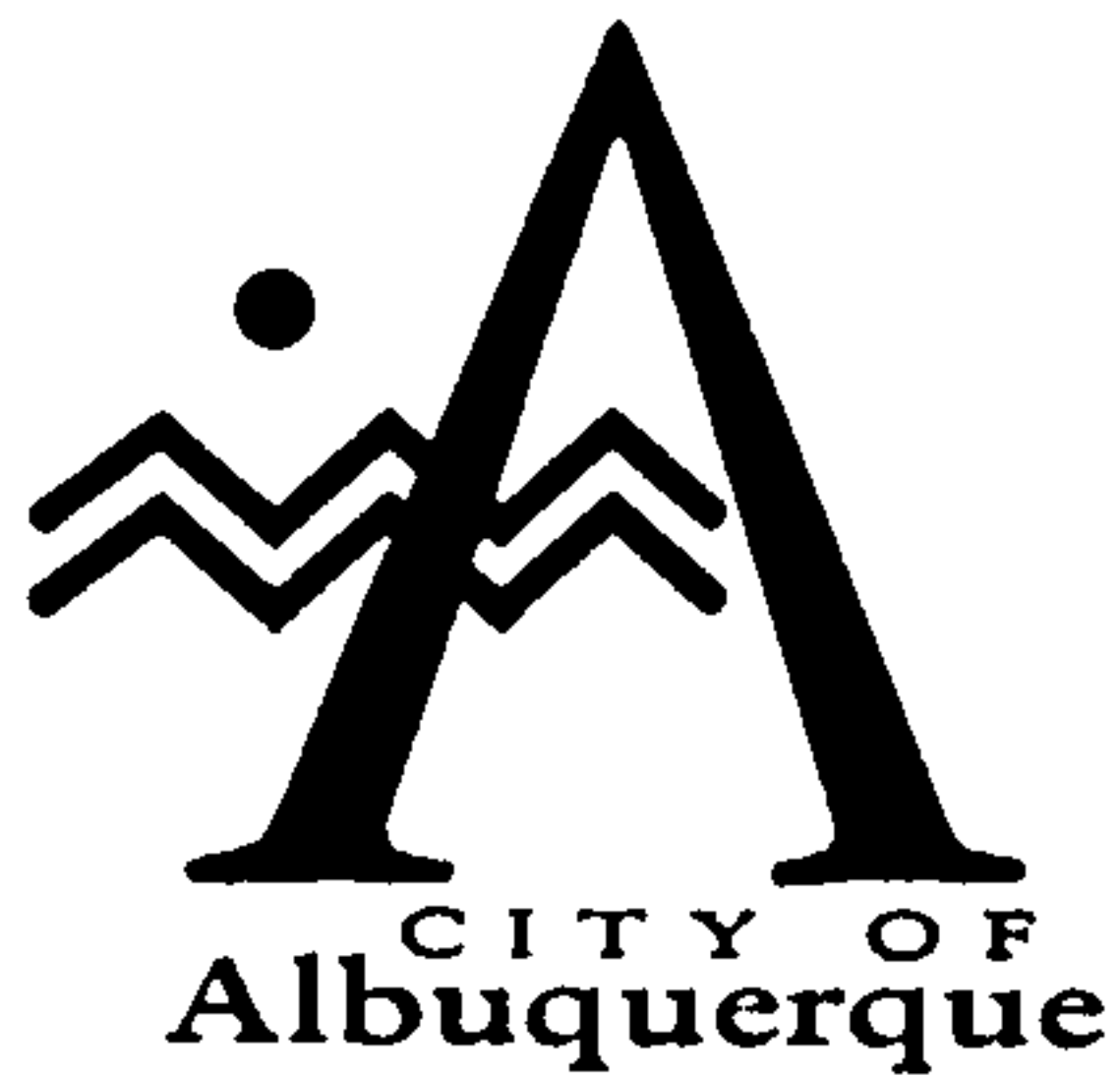
page 2

with streets and irrigation canals and laterals acting as berms. The offsite flow to the site is limited to the runoff from the west half of 2nd Street. This flow has been accounted for in the design of the retention system.

Sincerely,



Jean J. (Jake) Bordenave



February 11, 1998

Jake Bordenave, P.E.
Bordenave Designs
P.O. Box 91194
Albuquerque, NM 87199

**RE: AAA SEPTIC TANK (M14-D25). GRADING AND DRAINAGE PLAN SUBMITTAL
FOR BUILDING PERMIT APPROVAL. ENGINEER'S STAMP DATED 1-13-98.**

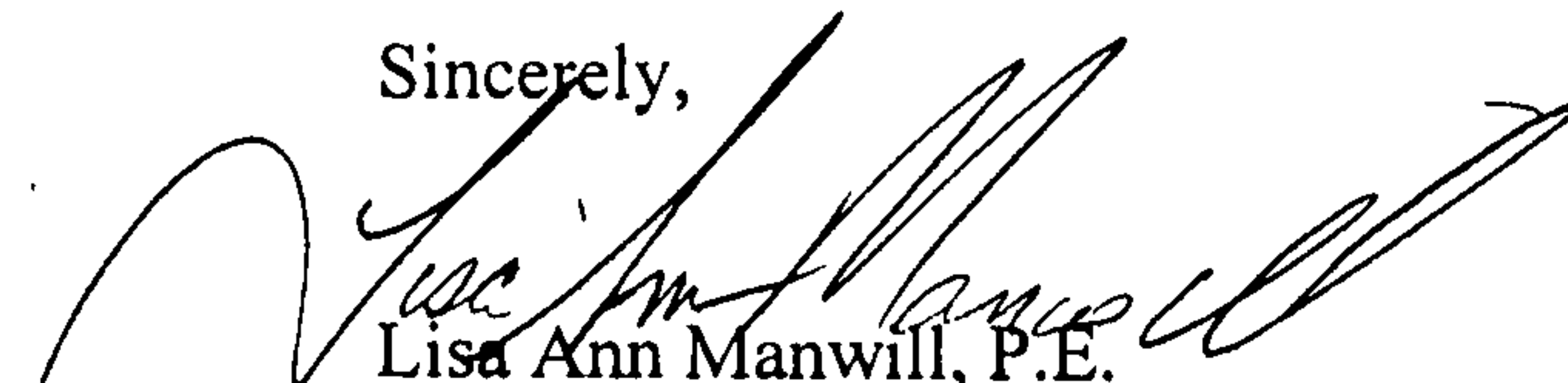
Dear Mr. Bordenave:

Based on the information provided on your January 16, 1998 submittal, City Hydrology has the following comments:

1. Per the City of Albuquerque Drainage Ordinance, retention ponding is not allowed.
2. Discuss the existing culvert shown perpendicular to and in Second Street, near the south property line.
3. Discuss offsite flows.

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

Sincerely,



Lisa Ann Manwill, P.E.
Hydrology

c: Andrew Garcia

File

Good for You, Albuquerque!



DRAINAGE INFORMATION SHEET

PROJECT DATA:

TITLE: AAA SEPTIC TANK

DRNG. FILE #:

M-14-25

DRB #:

EPC #:

-

WORK ORDER #:

-

LEGAL DESCRIPTION: TRACTS 83a AND 218A, MRGCD MAP NO. 44

CITY ADDRESS: 2nd STREET SW

ENGINEERING FIRM: BORDENAVE DESIGNS

CONTACT: J. BORDENAVE

ADDRESS: P.O. BOX 91194, 87199

PHONE: 823-1344

OWNER: AAA SEPTIC TANK

CONTACT: T. WOOD

ADDRESS: 100 HEADINGLY NW, 87107

PHONE: 345-3965

ARCHITECT:

CONTACT:

ADDRESS:

PHONE:

SURVEYOR: HARRIS SURVING, INC.

CONTACT: T. HARRIS

ADDRESS: 2412 MONROE NE, 87110

PHONE: 889-8056

CONTRACTOR:

CONTACT:

ADDRESS:

PHONE:

TYPE OF SUBMITTAL:

- ☐ CONCEPT GRADING & DRAINAGE PLAN
☒ GRADING PLAN
☒ DRAINAGE PLAN
☐ DRAINAGE REPORT
☐ EROSION CONTROL PLAN
☐ ENGINEER'S CERTIFICATION
☐ OTHER:

PRE-DESIGN MEETING:

- ☐ YES
☐ NO
☐ COPY OF MINUTES PROVIDED

TYPE OF APPROVAL SOUGHT:

- ☐ SECTOR PLAN
☐ SKETCH PLAT
☐ PRELIMINARY PLAT
☐ FINAL PLAT
☐ SITE DEV. PLAN FOR SUBD.
☐ SITE DEV. PLAN FOR PERMIT
☐ GRADING PERMIT
☐ PAVING PERMIT
☐ FOUNDATION PERMIT
☒ BUILDING PERMIT
☐ CERTIFICATE OF OCCUPANCY
☐ S.A.D. DRAINAGE REPORT
☐ DRAINAGE REQUIREMENTS
☐ OTHER:

DATE SUBMITTED: 01/16/98

BY:

[Signature]

