



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

January 24, 2001

Mark Goodwin, P.E.
Amy L. Driscoll, EIT
D. Mark Goodwin & Associates, P.A.
P.O. Box 90606
Albuquerque, NM 87199

RE: GRADING & DRAINAGE PLAN FOR U.S. POSTAL SERVICE - BLUEWATER
(K-10 /D023C) ENGINEER'S STAMP DATED DECEMBER 27, 2000,
SUBMITTED FOR BUILDING PERMIT APPROVAL

Dear Mr. Goodwin,

Based upon the information provided in your January 17, 2001, submittal, the project referred to above is approved for Building Permit. Please attach copies of this approved plan to the construction sets prior to sign-off by Hydrology.

Prior to release of the Certificate of Occupancy, an Engineer's Certification, per the DPM checklist, will be required.

If you have any questions, please call me at 924-3988.

Sincerely,

Stuart Reeder, P.E.

Stuart Reeder, P.E.
Hydrology Division

xc: Whitney Reiersen
File

DRAINAGE INFORMATION SHEET

PROJECT TITLE: U.S.P.S. - Bluewater ZONE ATLAS#: K-10
DRB#: _____ EPC# _____ WORKORDER#: _____
LEGAL DESCRIPTION: Lot 19-A, Meridian Business Park
CITY ADDRESS: 7601 Bluewater Road NW

ENGINEERING FIRM:	<u>Mark Goodwin & Associates, PA</u>	CONTACT:	<u>Amy L. Driscoll</u>
ADDRESS:	<u>P.O. Box 90606, Albuquerque, NM 87199</u>	PHONE:	<u>828-2200</u>
OWNER:	<u>Angelo Brunacini</u>	CONTACT:	<u>Angelo Brunacini</u>
ADDRESS:	<u>P.O. Box 6363, Albuquerque, NM 87197</u>	PHONE:	<u>833-2928</u>
ARCHITECT:	<u>Design Collaborative Southwest</u>	CONTACT:	<u>Roger Gay</u>
ADDRESS:	<u>320 Central SW, Albuquerque, NM 87102</u>	PHONE:	<u>843-9639</u>
SURVEYOR:	<u>Aldrich Land Surveying</u>	CONTACT:	<u>Tim Aldrich</u>
ADDRESS:	<u>P.O. Box 30701, Albuquerque, NM 87190</u>	PHONE:	<u>884-1990</u>
CONTRACTOR:	_____	CONTACT:	_____
ADDRESS:	_____	PHONE:	_____

TYPE OF SUBMITTAL:

☐ DRAINAGE REPORT
☒ DRAINAGE PLAN
☐ CONCEPTUAL GRADING & DRAINAGE PLAN
☒ GRADING PLAN
☐ EROSION CONTROL
☐ ENGINEER'S CERTIFICATION
☐ OTHER
☐ EASEMENT VACATION

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
☐ S. DEV. PLAN FOR BLDG PERMIT APPROVAL
☐ SECTOR PLAN APPROVAL
☐ FINAL PLAT APPROVAL
☐ FOUNDATION PERMIT APPROVAL
☒ BUILDING PERMIT APPROVAL
☐ CERTIFICATION OF OCCUPANCY APPROVAL
☐ GRADING PERMIT APPROVAL
☐ PAVING PERMIT APPROVAL
☐ S.A.D. DRAINAGE REPORT
☐ DRAINAGE REQUIREMENTS
☐ OTHER
☐ RELEASE OF FINANCIAL GUARANTY
☐ TRAFFIC CIRCULATION LAYOUT

DATE SUBMITTED: 11/17/01

BY: Amy L. Driscoll

Amy L. Driscoll

D. Mark Goodwin and Associates, P.A.
Consulting Engineers

P.O. Box 90606 ♦ Albuquerque, NM 87199
(505) 828-2200 ♦ (505) 797-9539 fax
e-mail: dm@swcp.com

LETTER OF TRANSMITTAL

TO: STUART REEDER DATE: 1/17/01

RE: USPS BLUEWATER
KIO / DO 23C

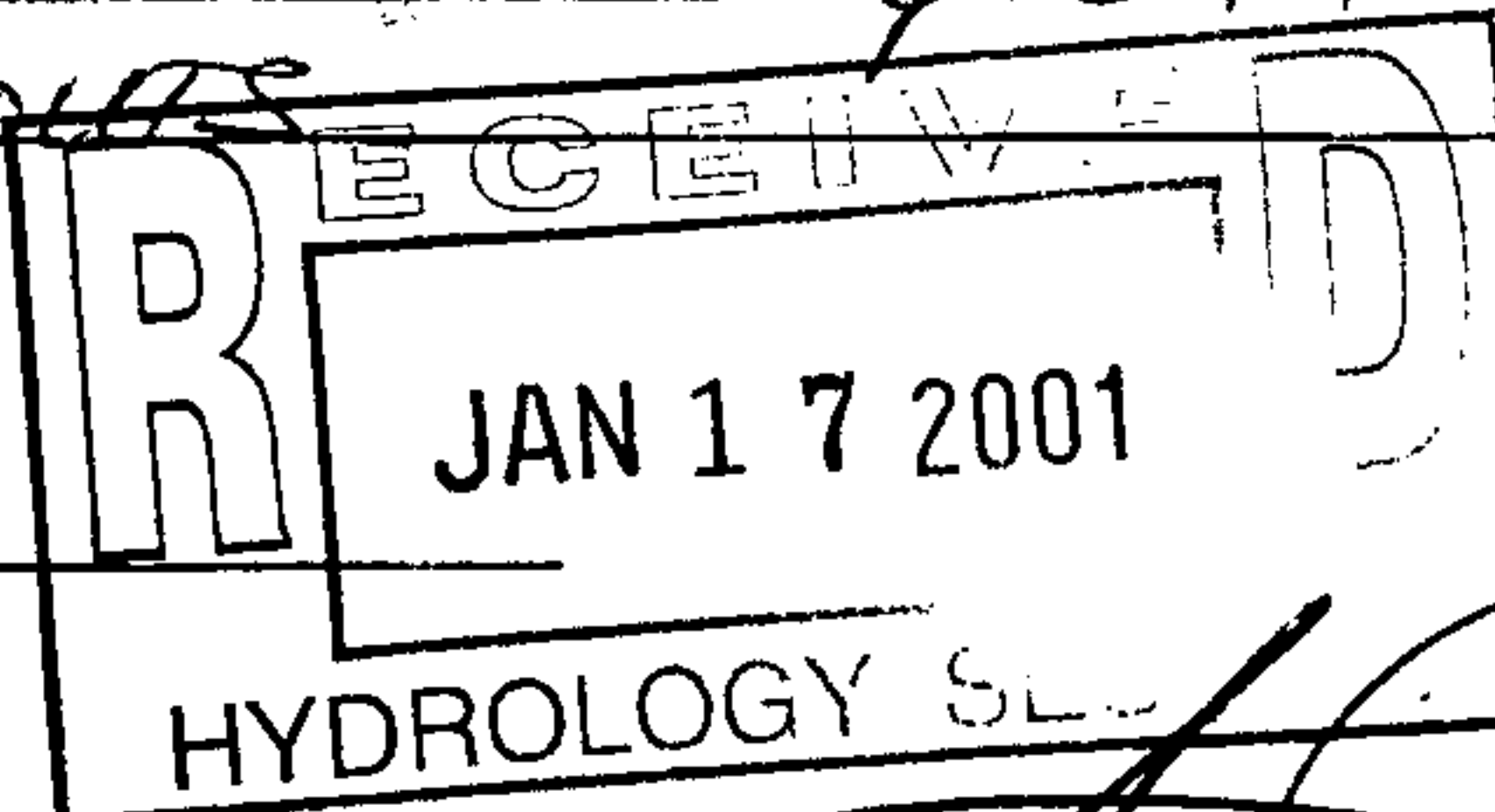
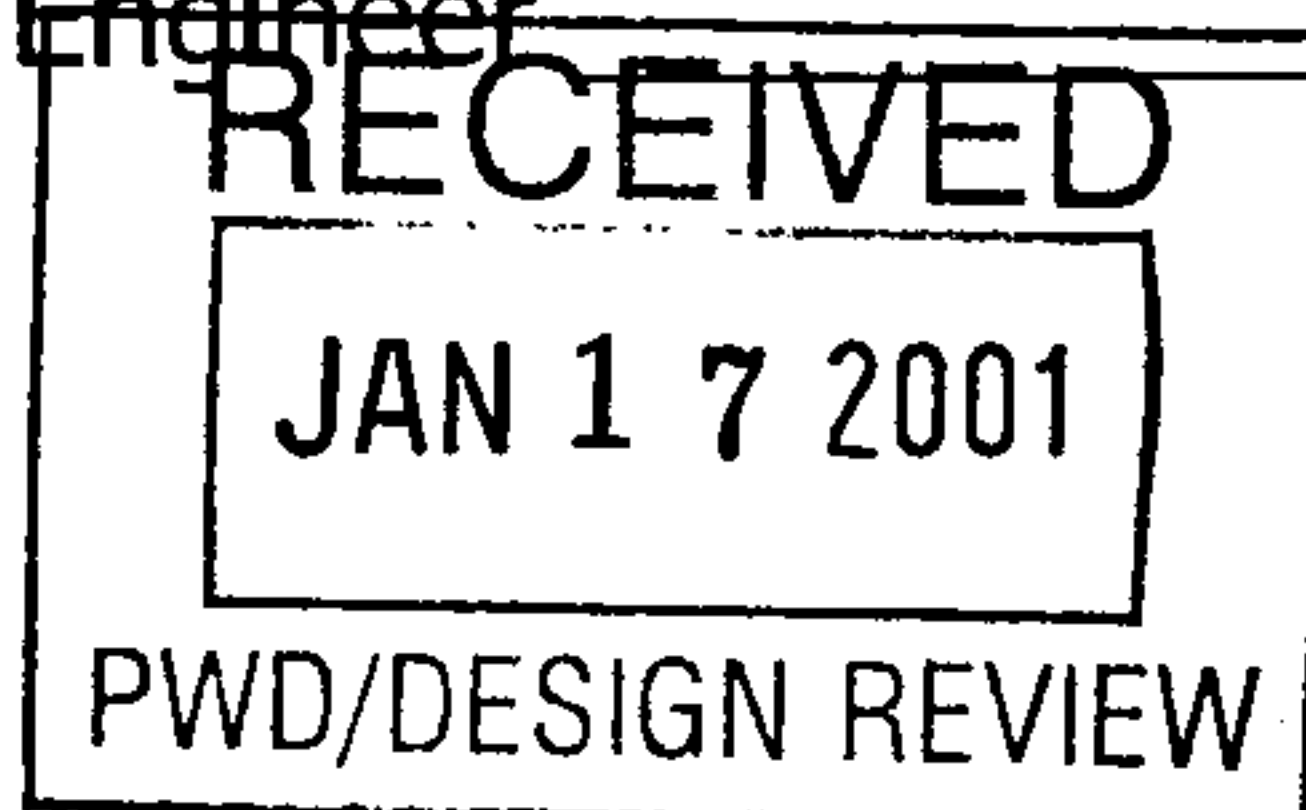
We are sending:

2 COPIES OF THE STD PLAN

____ For your approval ____ For your information
____ As you requested ____ For your comments
____ Pre-Design Meeting

NOTES: THIS PROJECT WAS APPROVED BY HYDROLOGY
12/7/00. I AM SENDING THE NEW PLAN FOR
YOUR INFORMATION. THE ONLY CHANGES ARE
THE FENCE LAYOUTS

Project Engineer



SIGNED: [Signature]



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

December 7, 2000

Gregory J Krenik, P.E.
Amy L. Driscoll, EIT
D. Mark Goodwin & Associates, P.A.
P.O. Box 90606
Albuquerque, NM 871999

RE: GRADING & DRAINAGE PLAN FOR USPS - BLUEWATER (K-10 /D023C)
ENGINEER'S STAMP DATED NOVEMBER 17, 2000, SUBMITTED FOR
BUILDING PERMIT APPROVAL

Dear Mr. Krenik,

Based upon the information provided in your November 8, 2000, submittal, the project referred to above is approved for Building Permit. Please attach copies of this approved plan to the construction sets prior to sign-off by Hydrology.

Prior to release of the Certificate of Occupancy, an Engineer's Certification, per the DPM checklist, will be required.

If you have any questions, please call me at 924-3988.

Sincerely,

Stuart Reeder, P.E.

Stuart Reeder, P.E.
Hydrology Division

xc: Whitney Reiersen
✓ File

DRAINAGE INFORMATION SHEET

PROJECT TITLE: U.S.P.S. - Bluewater ZONE ATLAS#: K-10 / 023 C
DRB#: EPC# WORKORDER#:
LEGAL DESCRIPTION: Lot 19-A, Meridian Business Park
CITY ADDRESS: 7601 Bluewater Road NW

ENGINEERING FIRM:	Mark Goodwin & Associates, PA	CONTACT:	Amy L. Driscoll
ADDRESS:	P.O. Box 90606, Albuquerque, NM 87199	PHONE:	828-2200
OWNER:	Angleo Brunacini	CONTACT:	Angelo Brunacini
ADDRESS:	P.O. Box 6363, Albuquerque, NM 87197	PHONE:	833-2928
ARCHITECT:	Design Collaborative Southwest	CONTACT:	Roger Gay
ADDRESS:	320 Central SW, Albuquerque, NM 87102	PHONE:	843-9639
SURVEYOR:	Aldrich Land Surveying	CONTACT:	Tim Aldrich
ADDRESS:	P.O. Box 30701, Albuquerque, NM 87190	PHONE:	884-1990
CONTRACTOR:		CONTACT:	
ADDRESS:		PHONE:	

TYPE OF SUBMITTAL:

☐ DRAINAGE REPORT
☒ DRAINAGE PLAN
☐ CONCEPTUAL GRADING & DRAINAGE PLAN
☒ GRADING PLAN
☐ EROSION CONTROL
☐ ENGINEER'S CERTIFICATION
☐ OTHER
☐ EASEMENT VACATION

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
☐ S. DEV. PLAN FOR BLDG PERMIT APPROVAL
☐ SECTOR PLAN APPROVAL
☐ FINAL PLAT APPROVAL
☐ FOUNDATION PERMIT APPROVAL
☒ BUILDING PERMIT APPROVAL
☐ CERTIFICATION OF OCCUPANCY APPROVAL
☐ GRADING PERMIT APPROVAL
☐ PAVING PERMIT APPROVAL
☐ S.A.D. DRAINAGE REPORT
☐ DRAINAGE REQUIREMENTS
☐ OTHER
☐ RELEASE OF FINANCIAL GUARANTY
☐ TRAFFIC CIRCULATION LAYOUT

DATE SUBMITTED:

BY:

Amy L. Driscoll



D. Mark Goodwin & Associates, P.A.
Consulting Engineers

P.O. BOX 90606, ALBUQUERQUE, NM 87199
(505) 828-2200 FAX 797-9539
e-mail: dmgs@swcp.com

K10/023C
PROJECT USPS BLUEWATER
SUBJECT _____
BY AMY DATE 11/7/00
CHECKED _____ DATE _____
SHEET 1 OF 2

FROM TABLE A-8 IN ZONE 1
OLD LANDSCAPED AREA = 867 SF = .0061 AC $\rightarrow E_p = 0.67$ TYPE B
OLD IMPERVIOUS AREA = 486 SF = $\frac{.0112 \text{ AC}}{.0173}$ $\rightarrow E_p = 1.97$ TYPE D

$$E_w = \frac{0.67 \text{ IN} (.0061 \text{ AC}) + 1.97 \text{ IN} (.0112 \text{ AC})}{.0061 + .0112 \text{ AC}} = 1.51 \text{ IN}$$

$$V_{360} = E A_t = 1.51 \text{ IN} \frac{\text{FT}}{12 \text{ IN}} .0173 \text{ AC} = 0.0022 \text{ AC-FT}$$

FROM TABLE A-9

$$Q_B = 2.03 \quad Q_D = 4.37$$

$$Q_p = \frac{2.03 \text{ CFS}}{\text{AC}} (.0061 \text{ AC}) + \frac{4.37 \text{ CFS}}{\text{AC}} (.0112 \text{ AC})$$
$$= .0124 \text{ CFS} + .0489 = 0.0613 \text{ CFS}$$

NEW LANDSCAPED AREA = $27 \times 18 = 486 \text{ SF} = .0112 \text{ AC}$ $E_B = 0.67$

$$\text{NEW IMPERVIOUS AREA} = 17 \times 12 + 7 \times 9 = 267 \text{ SF} = \frac{.0061 \text{ AC}}{.0173 \text{ AC}} \quad E_D = 1.97$$

$$E = \frac{0.67(0.012)AC + 1.97(0.061)}{0.173} = 1.13 \text{ IN}$$

$$V_{360} = 1.13 \text{ IN } \frac{\text{FT}}{12 \text{ IN}} \cdot 0.173 \text{ AC} = 0.0016 \text{ AC FT}$$

$$Q_p = 2.03 \frac{\text{CFS}}{\text{AC}} (.0112 \text{ AC}) + 4.37(.0001) = 0.02494 \text{ CFS}$$

DIFFERENCES BET OLD + NEW DEVELOP

$$V_{360} = .0016 \text{ AC-FT} - .0022 \text{ AC-FT} = -0.0006 \text{ AC-FT} = -26 \text{ CF}$$

$$\dot{Q}_p = 0.0494 \text{ CFS} - .0613 \text{ CFS} = -0.0119 \text{ CFS}$$



City of Albuquerque

September 29, 1999

Thomas T. Mann, P.E.
Engineering & Surveying Assoc., Inc.
5312 Noreen Drive NE
Albuquerque, NM 87111

K-10/D23C

**RE: MERIDIAN BUSINESS PARK, LOT 19-A (~~K-10-D23~~). ENGINEER'S
CERTIFICATION FOR CERTIFICATE OF OCCUPANCY APPROVAL.
ENGINEER'S STAMP DATED AUGUST 6, 1999.**

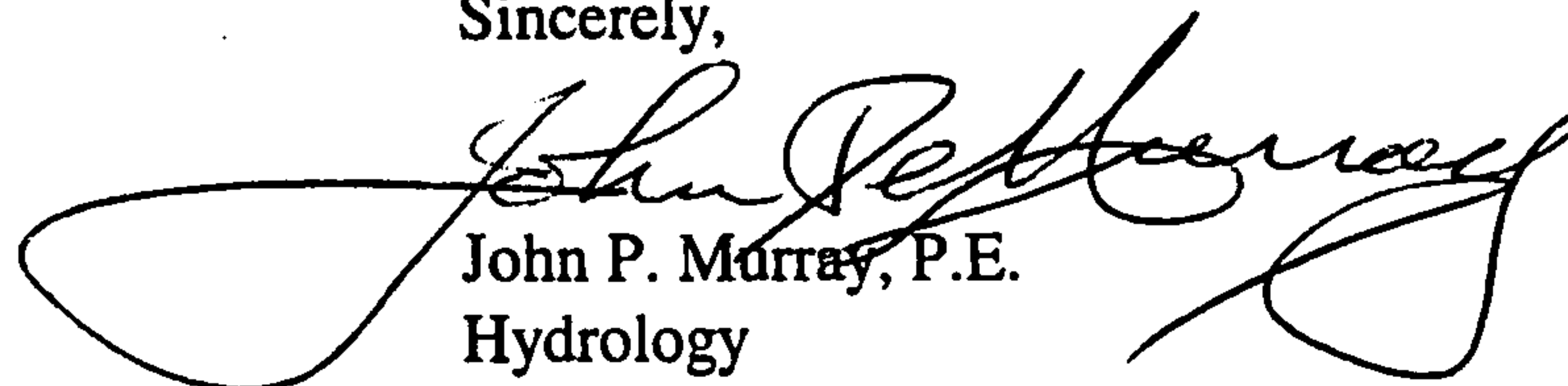
Dear Mr. Mann:

Based on the information provided on your August 9, 1999 submittal, the above referenced project is approved for Certificate of Occupancy.

This action was deferred until the Engineer signed his seal anew on September 21, 1999.

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

Sincerely,


John P. Murray, P.E.
Hydrology

c: WR
✓ File

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Lot-19A Meridian Business ZONE ATLAS/DRNG. FILE #: K-10 /D-23 C

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

LEGAL DESCRIPTION: Lot 19-A Meridian Business Park

CITY ADDRESS: 7601 Bluewater NW

ENGINEERING FIRM: Engineering & Surveying Assoc CONTACT: Tom Mann

ADDRESS: 5312 Noreen NE PHONE: 298-4651

OWNER: George Brunacini CONTACT: George Brunacini

ADDRESS: P.O. Box 6363 87197 PHONE: 833 2928

ARCHITECT: Claudio Vigil CONTACT: Claudio Vigil

ADDRESS: 1305 Tijeras NE PHONE: 842 1113

SURVEYOR: Engineering & Surveying Assoc CONTACT: _____

ADDRESS: _____ PHONE: _____

CONTRACTOR: George Brunacini 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:

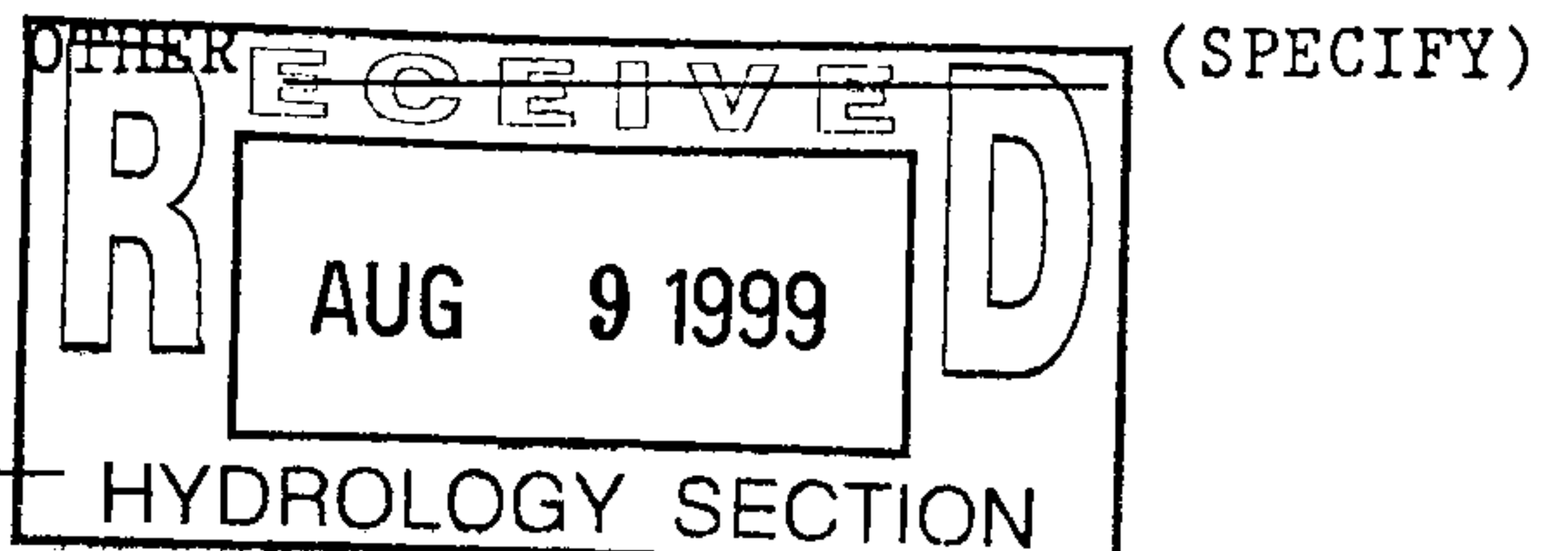
- ☐ YES
- ☐ NO
- ☐ COPY PROVIDED

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

DATE SUBMITTED: 8/6/99

BY: Tom Mann





City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE NEW MEXICO 87103

January 8, 1999

Thomas T. Mann, P.E.
Engineering & Surveying Assoc., Inc.
5312 Noreen Drive NE
Albuquerque, NM 87111

K-10(D23C)

RE: MERIDAN BUSINESS PARK, LOT 19-A (KT0-D23). GRADING & DRAINAGE PLAN FOR SITE DEVELOPMENT PLAN FOR BUILDING PERMIT, FINAL PLAT, AND BUILDING PERMIT APPROVALS. ENGINEER'S STAMP DATED JANUARY 4, 1999.

Dear Mr. Mann:

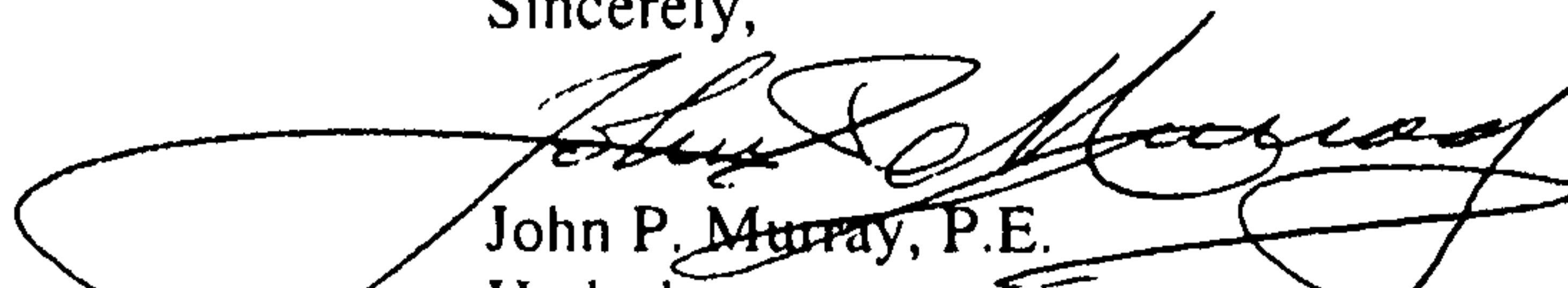
Based on the information provided on your November 17, 1998 (and amended 1/4/99) submittal, the above referenced project is approved for Site Development Plan for Building Permit, for Final Plat, and for Building Permit.

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

Prior to Certificate of Occupancy approval, an Engineer's Certification per the DPM will be required.

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

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Lot 19-A Meridian Business Park PLAT ATLAS/DRNG. FILE #: K-10/D-0235C
 DRB #: DRB-96-336 EPC #: _____ WORK ORDER #: _____
 LEGAL DESCRIPTION: Lot 19-A Meridian Business Park
 CITY ADDRESS: 7601 Bluewater NW
 ENGINEERING FIRM: Engineering & Surveying Assoc CONTACT: Tom Mann
 ADDRESS: 5312 Noreen NE 87111 PHONE: 298-4651
 OWNER: George Brunacini CONTACT: George Brunacini
 ADDRESS: P.O. Box 6363 87197 PHONE: 833 2928
 ARCHITECT: Claudio Vigil CONTACT: Claudio Vigil
 ADDRESS: 1305 Tijeras NW PHONE: 842 1113
 SURVEYOR: Engineering & Surveying Assoc CONTACT: _____
 ADDRESS: _____ PHONE: _____
 CONTRACTOR: George Brunacini CONTACT: _____
 ADDRESS: _____ PHONE: _____

TYPE OF SUBMITTAL:

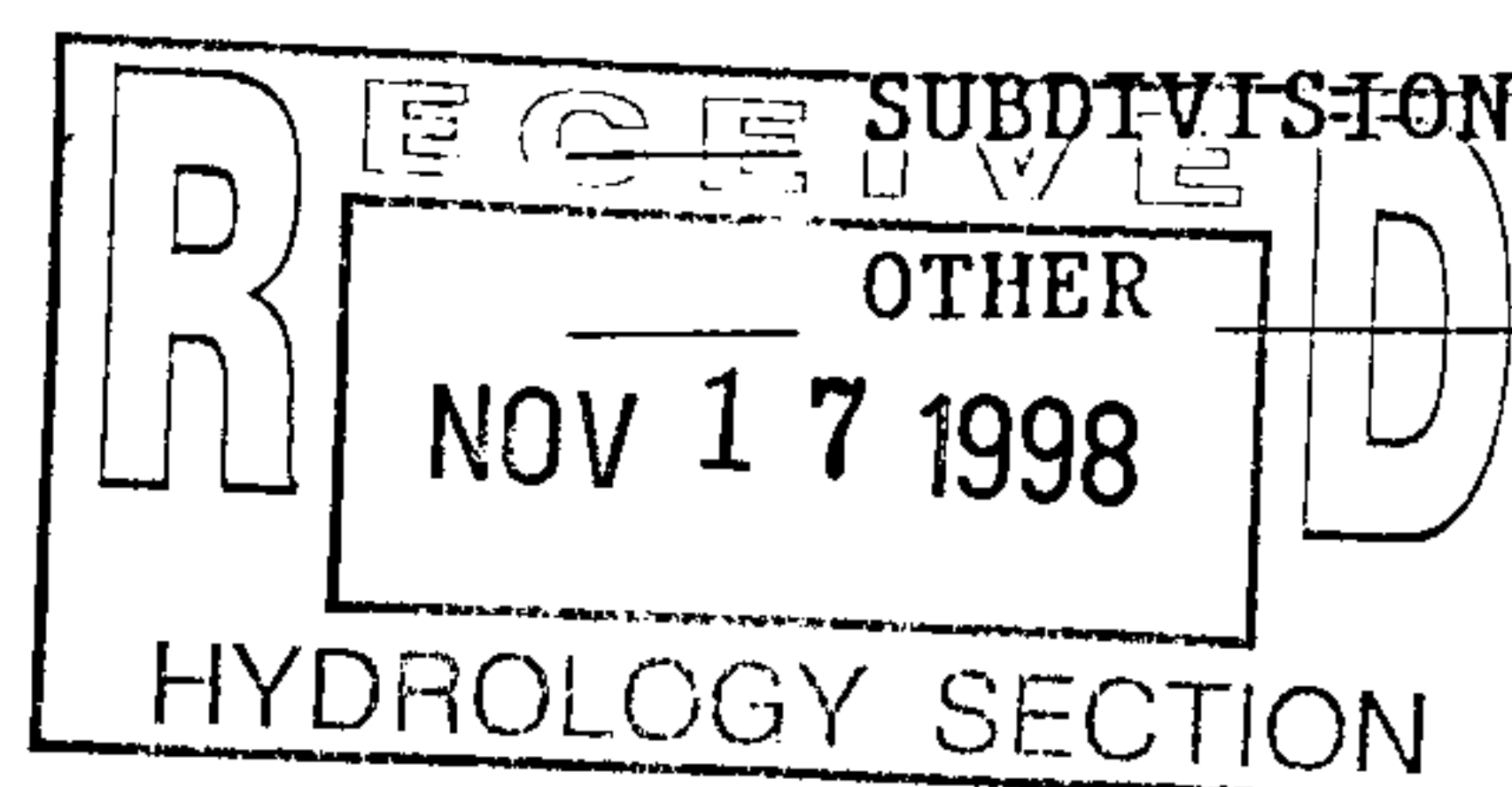
____ DRAINAGE REPORT
☒ DRAINAGE PLAN
 ____ CONCEPTUAL GRADING & DRAINAGE PLAN
☒ GRADING PLAN
 ____ EROSION CONTROL PLAN
 ____ ENGINEER'S CERTIFICATION
 ____ OTHER _____

PRE-DESIGN MEETING:

____ YES
 ____ 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

(SPECIFY)

DATE SUBMITTED: 11/16/98
 BY: Tom Mann