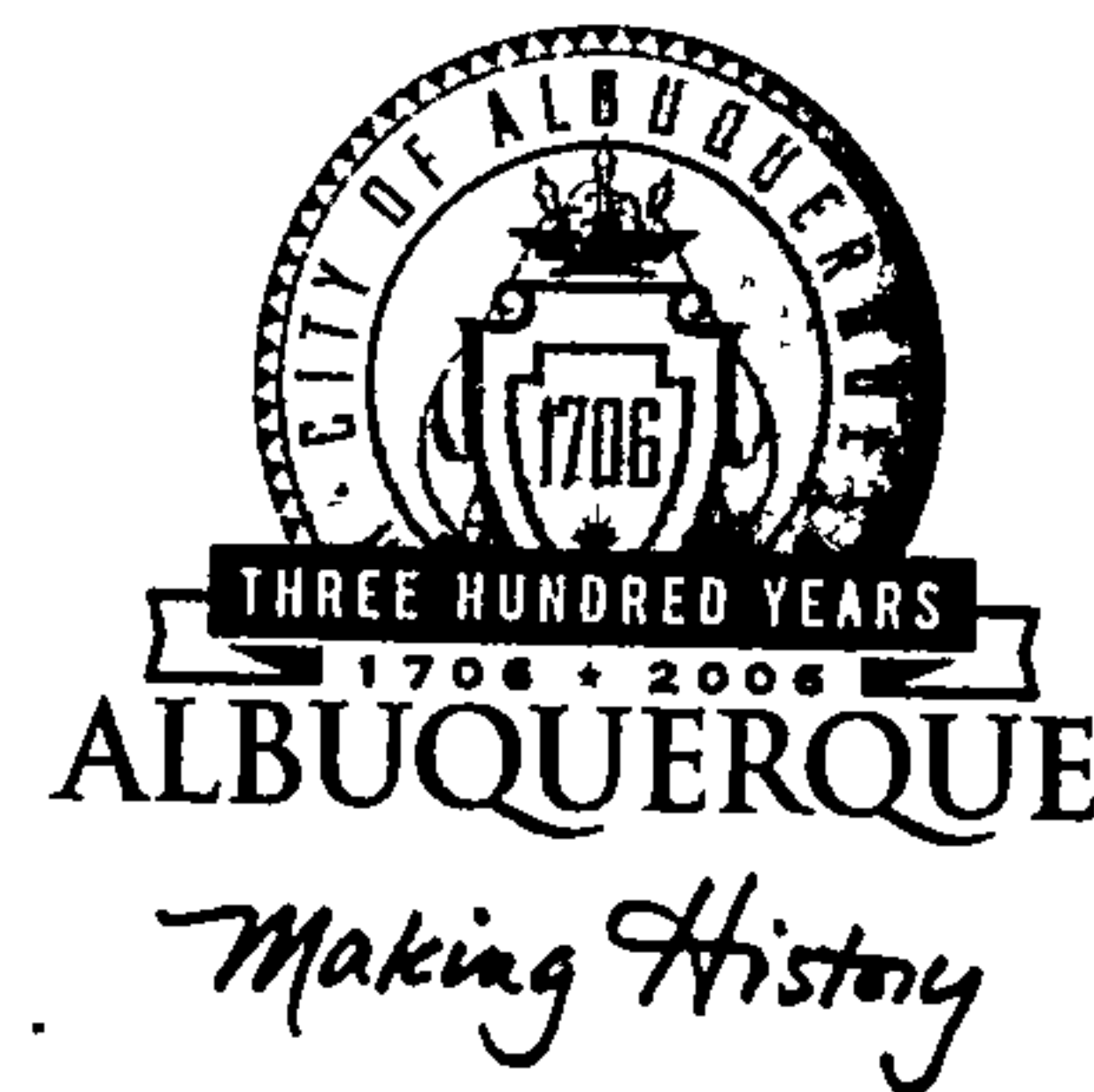


CITY OF ALBUQUERQUE



November 19, 2004

Mr. John McKenzie, P.E.
MARK GOODWIN & ASSOCIATES
P.O. Box 90606
Albuquerque, NM 87199

Re: ETHAN ALLEN ADDITION
12521 Montgomery Blvd. NE
Approval of Permanent Certificate of Occupancy (C.O.)
Engineer's Stamp dated 12/30/2003 (F-22/D12A)
Certification dated 11/19/2004

P.O. Box 1293

Dear John,

Albuquerque

Based upon the information provided in your submittal received 11/19/2004, the above referenced certification is approved for release of Permanent Certificate of Occupancy by Hydrology

New Mexico 87103

If you have any questions, you can contact me at 924-3982.

www.cabq.gov

Sincerely,

Arlene V. Portillo
Plan Checker, Planning Dept. - Hydrology
Development and Building Services

C: Phyllis Villanueva
File

DRAINAGE INFORMATION SHEET
(REV. 1/28/2003rd)

PROJECT TITLE:	<u>Ethan Allen Addition</u>	ZONE MAP/DRG #:	<u>F-22/D12-A</u>
DRB#:	<u>N/A</u>	EPC #:	
LEGAL DESCRIPTION:	<u>Parcel 1A-1, Property of Edmund I. Rady</u>		
CITY ADDRESS:	<u>12521 Montgomery NE</u>		
ENGINEERING FIRM:	<u>Mark Goodwin & Associates, PA</u>	CONTACT:	
ADDRESS:	<u>PO Box 90606</u>	PHONE:	<u>828-2200</u>
CITY, STATE:	<u>Albuquerque, NM</u>	ZIP CODE:	<u>87199</u>
OWNER:	<u>Stokes Limited Partnership</u>	CONTACT:	
ADDRESS:		PHONE:	
CITY, STATE:		ZIP CODE:	
ARCHITECT:	<u>George Rainhart</u>	CONTACT:	<u>Shawn Anderson</u>
ADDRESS:	<u>2325 San Pedro NE Ste 2B</u>	PHONE:	<u>884-9110</u>
CITY, STATE:	<u>Albq NM 87110</u>	ZIP CODE:	
SURVEYOR:	<u>Aldrich Land Surveying</u>	CONTACT:	<u>Tim Aldrich</u>
ADDRESS:	<u>P.O. Box 30701</u>	PHONE:	<u>884-1990</u>
CITY, STATE:	<u>Albuquerque, NM</u>	ZIP CODE:	<u>87190-0701</u>
CONTRACTOR:		CONTACT:	
ADDRESS:		PHONE:	
CITY, STATE:		ZIP CODE:	

CHECK TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT
- ☒ DRAINAGE PLAN 1ST SUBMITTAL, req. TCL or equal
- ☐ DRAINAGE PLAN RESUBMITTAL
- ☐ CONCEPTUAL GRADING & DRAINAGE PLAN
- ☐ GRADING PLAN
- ☐ EROSION CONTROL PLAN
- ☒ ENGINEER'S CERTIFICATION (HYDROLOGY)
- ☐ CLOMR/LOMR
- ☐ TRAFFIC CIRCULATION LAYOUT (TCL)
- ☐ ENGINEER'S CERTIFICATION (TCL)
- ☐ ENGINEER'S CERTIFICATION (DRB APPR. SITE PLAN)
- ☐ OTHER

CHECK TYPE OF APPROVAL SOUGHT:

- ☐ SIA / FINANCIAL GUARANTEE RELEASE
- ☐ 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 (PERM)
- ☐ CERTIFICATE OF OCCUPANCY (TEMP)
- ☐ GRADING PERMIT APPROVAL
- ☐ PAVING PERMIT APPROVAL
- ☐ WORK ORDER APPROVAL
- ☐ OTHER (specify) _____

WAS A PRE-DESIGN CONFERENCE ATTENDED?

YES

☒ NO

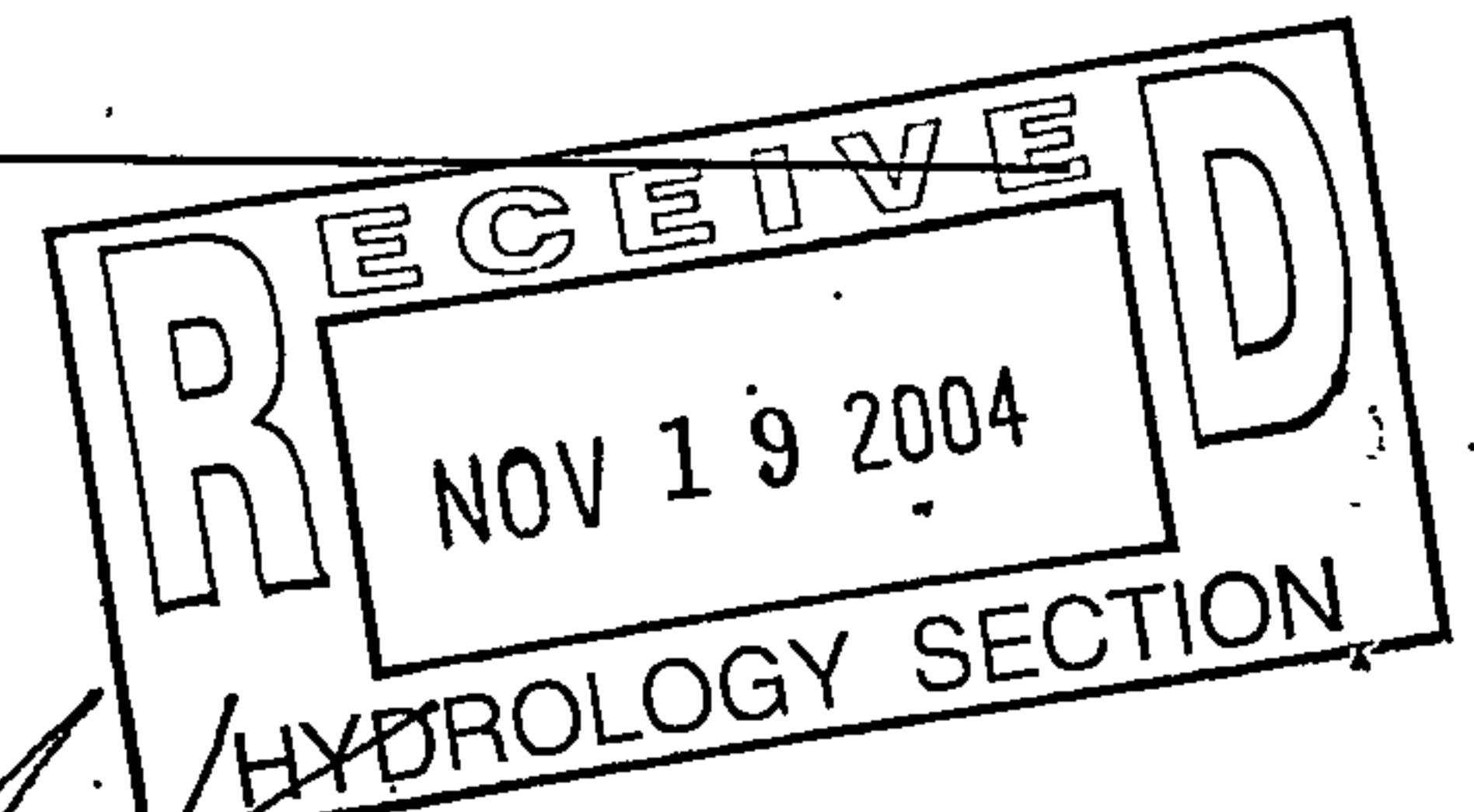
COPY PROVIDED

DATE SUBMITTED:

11/19/04

BY:

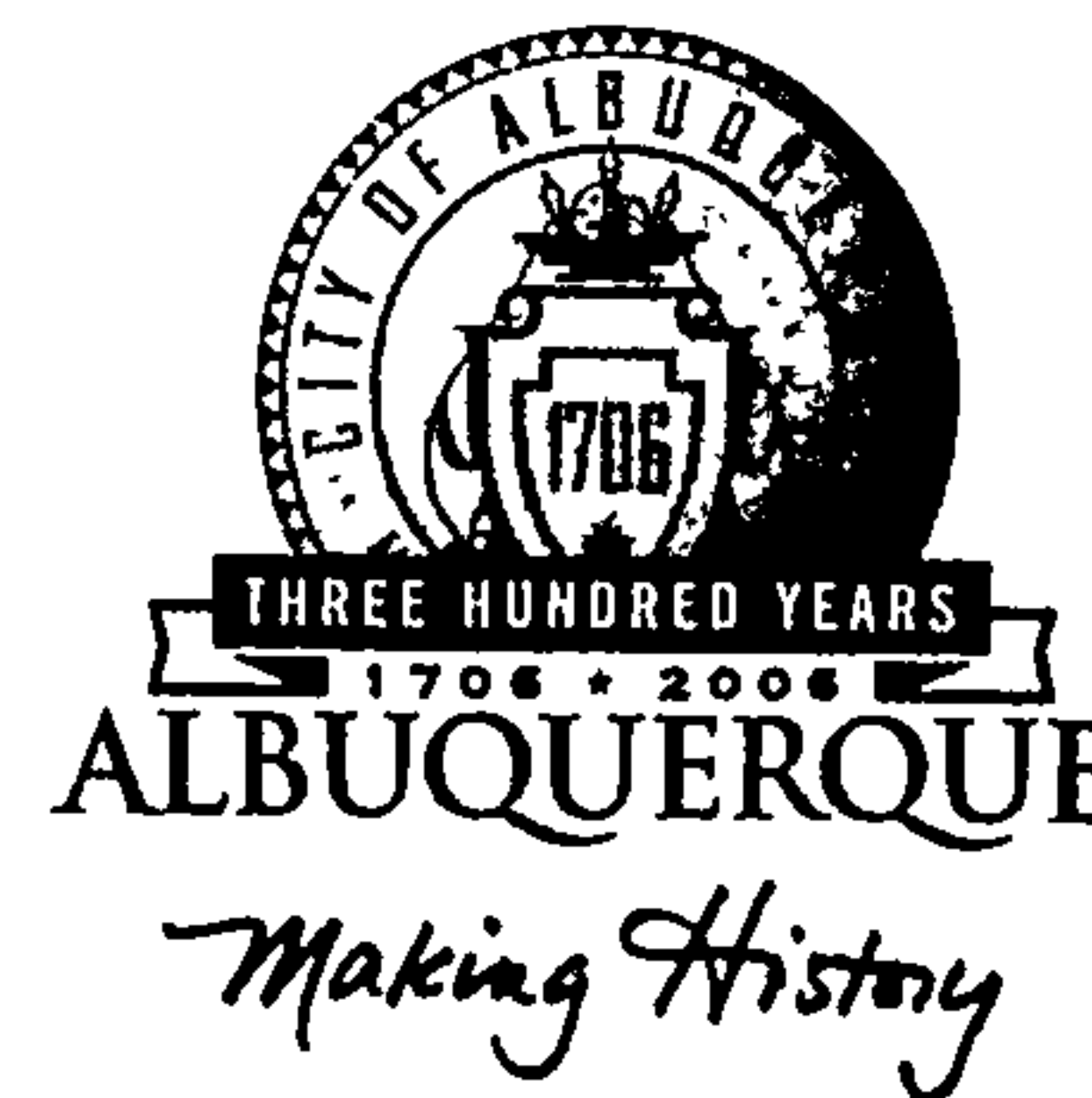
John M. MacKenzie



Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location and scope of the proposed development defines the degree of drainage detail. One or more of the following levels of submittal may be required based on the following:

1. Conceptual Grading and Drainage Plan: Required for approval of Site Development Plans greater than five (5) acres and Sector Plans.
2. Drainage Plans: Required for building permits, grading permits, paving permits and site plans less than five (5) acres.
3. Drainage Report: Required for subdivisions containing more than ten (10) lots or constituting five (5) acres or more.

CITY OF ALBUQUERQUE



October 26, 2004

John McKenzie, PE
MARK GOODWIN & ASSOCIATES
P.O. Box 90606
Albuquerque, NM 87199

Re: ETHAN ALLEN ADDITION, (F-22/D-12A)
12521 Montgomery Blvd. NE
Permanent Certificate of Occupancy Certification dated 10/20/2004

Dear John:

Based upon the information provided in your submittal received 10/26/2004, the above referenced certification cannot be approved until the following is addressed:

- P.O. Box 1293
1. The approved grading and drainage plan has an Engineer Stamp date of 12/30/2003 not 03/09/2004 as indicated in your submittal. (see attached copy of G/D Report approval letter).

Albuquerque

If you have any questions, you can contact me at 924-3982.

New Mexico 87103

Sincerely,

Arlene V. Portillo
Plan Checker, Planning Dept. - Hydrology
Development and Building Services

www.cabq.gov

Attachment

C: file



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

March 12, 2004

John MacKenzie, P.E.
Mark Goodwin & Associates, PA
P.O. Box 90606
Albuquerque, NM 87199

**Re: Ethan Allen Addition, 12521 Montgomery Blvd. NE, Grading and Drainage
Report**

Engineer's Stamp dated 12-30-03 (F22/D12A)

Dear Mr. MacKenzie,

Based upon the information provided in your submittal received 3-09-04, the above referenced report is approved for Building Permit. Please attach a copy of this approved report to the construction sets prior to sign-off by Hydrology. 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 924-3981.

Sincerely,

Kristal D. Metro
Engineering Associate, Planning Dept.
Development and Building Services

C: File

DRAINAGE INFORMATION SHEET
(REV. 1/28/2003rd)

PROJECT TITLE:	<u>Ethan Allen Addition</u>	ZONE MAP/DRG #:	<u>F-22/D12-A</u>
DRB#:	<u>N/A</u>	EPC #:	W.O.#:
LEGAL DESCRIPTION:	<u>Parcel 1A-1, Property of Edmund I. Rady</u>		
CITY ADDRESS:	<u>12521 Montgomery NE</u>		
ENGINEERING FIRM:	<u>Mark Goodwin & Associates, PA</u>	CONTACT:	
ADDRESS:	<u>PO Box 90606</u>	PHONE:	<u>828-2200</u>
CITY, STATE:	<u>Albuquerque, NM</u>	ZIP CODE:	<u>87199</u>
OWNER:	<u>Stokes Limited Partnership</u>	CONTACT:	
ADDRESS:		PHONE:	
CITY, STATE:		ZIP CODE:	
ARCHITECT:	<u>George Rainhart</u>	CONTACT:	<u>Shawn Anderson</u>
ADDRESS:	<u>2325 San Pedro NE Ste 2B</u>	PHONE:	<u>884-9110</u>
CITY, STATE:	<u>Albq NM 87110</u>	ZIP CODE:	
SURVEYOR:	<u>Aldrich Land Surveying</u>	CONTACT:	<u>Tim Aldrich</u>
ADDRESS:	<u>P.O. Box 30701</u>	PHONE:	<u>884-1990</u>
CITY, STATE:	<u>Albuquerque, NM</u>	ZIP CODE:	<u>87190-0701</u>
CONTRACTOR:		CONTACT:	
ADDRESS:		PHONE:	
CITY, STATE:		ZIP CODE:	

CHECK TYPE OF SUBMITTAL:

- | | |
|-------------------------------------|--|
| ☐ | DRAINAGE REPORT |
| ☒ | DRAINAGE PLAN 1 ST SUBMITTAL, req. TCL or equal |
| ☐ | DRAINAGE PLAN RESUBMITTAL |
| ☐ | CONCEPTUAL GRADING & DRAINAGE PLAN |
| ☐ | GRADING PLAN |
| ☐ | EROSION CONTROL PLAN |
| ☒ | ENGINEER'S CERTIFICATION (HYDROLOGY) |
| ☐ | CLOMR/LOMR |
| ☐ | TRAFFIC CIRCULATION LAYOUT (TCL) |
| ☐ | ENGINEER'S CERTIFICATION (TCL) |
| ☐ | ENGINEER'S CERTIFICATION (DRB APPR. SITE PLAN) |
| ☐ | OTHER |

CHECK TYPE OF APPROVAL SOUGHT:

- | | |
|-------------------------------------|--|
| ☐ | SIA / FINANCIAL GUARANTEE RELEASE |
| ☐ | 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 (PERM) |
| ☐ | CERTIFICATE OF OCCUPANCY (TEMP) |
| ☐ | GRADING PERMIT APPROVAL |
| ☐ | PAVING PERMIT APPROVAL |
| ☐ | WORK ORDER APPROVAL |
| ☐ | OTHER (specify) |

WAS A PRE-DESIGN CONFERENCE ATTENDED?

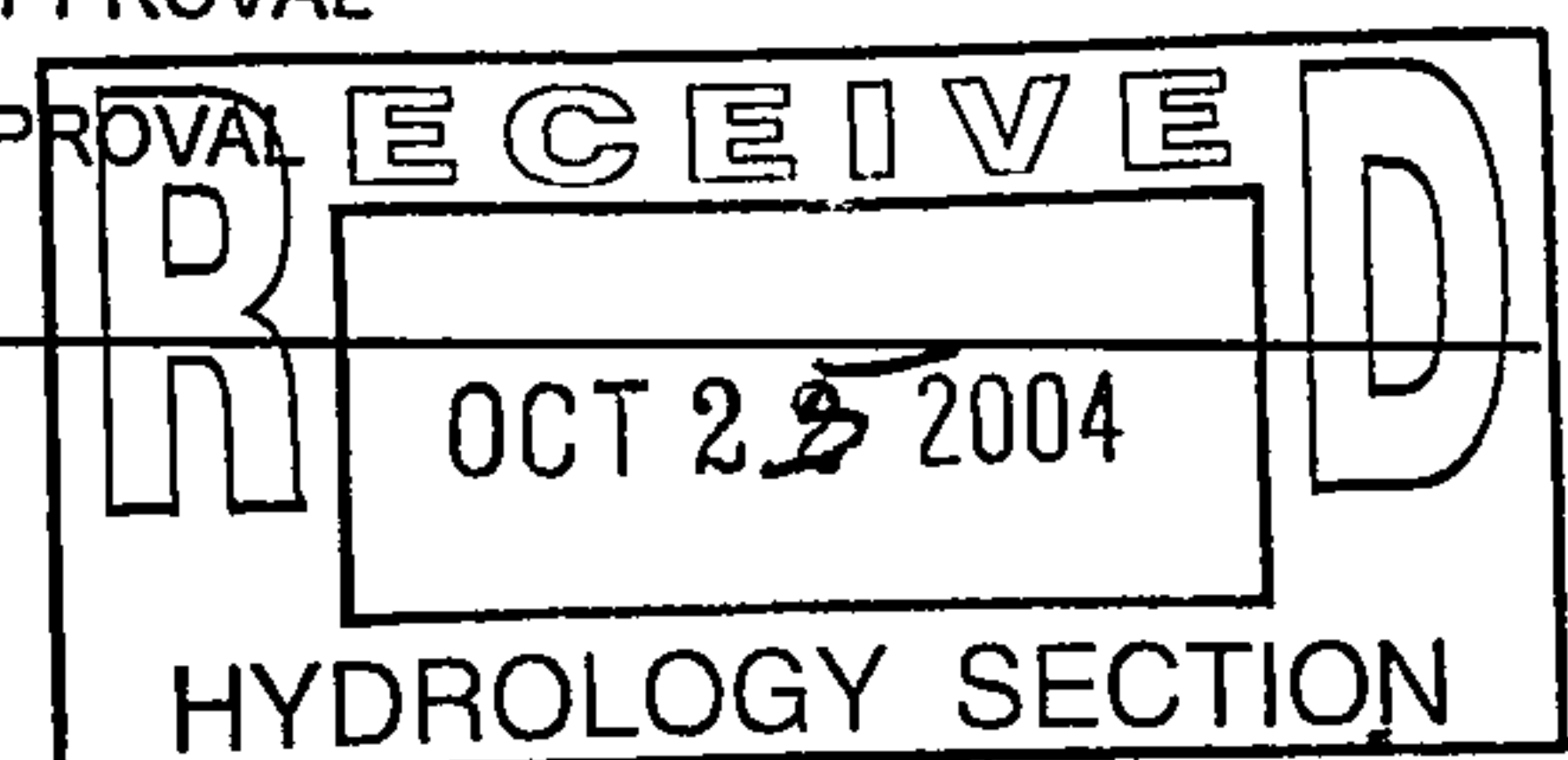
- | | |
|-------------------------------------|---------------|
| ☐ | YES |
| ☒ | NO |
| ☐ | COPY PROVIDED |

DATE SUBMITTED:

10/25/04

BY:

John M. Mackenzie



Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location and scope of the proposed development defines the degree of drainage detail. One or more of the following levels of submittal may be required based on the following:

1. **Conceptual Grading and Drainage Plan:** Required for approval of Site Development Plans greater than five (5) acres and Sector Plans.
2. **Drainage Plans:** Required for building permits, grading permits, paving permits and site plans less than five (5) acres.
3. **Drainage Report:** Required for subdivisions containing more than ten (10) lots or constituting five (5) acres or more.



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

March 12, 2004

John MacKenzie, P.E.
Mark Goodwin & Associates, PA
P.O. Box 90606
Albuquerque, NM 87199

Re: Ethan Allen Addition, 12521 Montgomery Blvd. NE, Grading and Drainage Report

Engineer's Stamp dated 12-30-03 (F22/D12A)

Dear Mr. MacKenzie,

Based upon the information provided in your submittal received 3-09-04, the above referenced report is approved for Building Permit. Please attach a copy of this approved report to the construction sets prior to sign-off by Hydrology. 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 924-3981.

Sincerely,

Kristal D. Metro
Engineering Associate, Planning Dept.
Development and Building Services

C: File

DRAINAGE INFORMATION SHEET
(REV. 1/28/2003rd)

F-22/012A

PROJECT TITLE: Ethan Allen Addition ZONE MAP/DRG #: F-22
DRB#: N/A EPC #: _____ W.O.#: _____
LEGAL DESCRIPTION: Parcel 1A-1, Property of Edmund I. Rady
CITY ADDRESS: 12521 Montgomery NE
ENGINEERING FIRM: Mark Goodwin & Associates, PA CONTACT: _____
ADDRESS: PO Box 90606 PHONE: 828-2200
CITY, STATE: Albuquerque, NM ZIP CODE: 87199
OWNER: Stokes Limited Partnership CONTACT: _____
ADDRESS: _____ PHONE: _____
CITY, STATE: _____ ZIP CODE: _____
ARCHITECT: George Rainhart CONTACT: Shawn Anderson x105
ADDRESS: 2325 San Pedro NE Ste 2B PHONE: 884-9110
CITY, STATE: Albq NM 87110 ZIP CODE: _____
SURVEYOR: Aldrich Land Surveying CONTACT: Tim Aldrich
ADDRESS: P.O. Box 30701 PHONE: 884-1990
CITY, STATE: Albuquerque, NM ZIP CODE: 87190-0701
CONTRACTOR: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____
CITY, STATE: _____ ZIP CODE: _____

John Mackenzie Stamp date → 12/30/03

CHECK TYPE OF SUBMITTAL:

- ☒ DRAINAGE REPORT
☒ DRAINAGE PLAN 1ST SUBMITTAL, req. TCL or equal
☒ DRAINAGE PLAN RESUBMITTAL
☐ CONCEPTUAL GRADING & DRAINAGE PLAN
☒ GRADING PLAN
☐ EROSION CONTROL PLAN
☐ ENGINEER'S CERTIFICATION (HYDROLOGY)
☐ CLOMR/LOMR
☒ TRAFFIC CIRCULATION LAYOUT (TCL)
☐ ENGINEER'S CERTIFICATION (TCL)
☐ ENGINEER'S CERTIFICATION (DRB APPR. SITE PLAN)
☐ OTHER

CHECK TYPE OF APPROVAL SOUGHT:

- ☐ SIA / FINANCIAL GUARANTEE RELEASE
☐ 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 (PERM)
☐ CERTIFICATE OF OCCUPANCY (TEMP)
☐ GRADING PERMIT APPROVAL
☐ PAVING PERMIT APPROVAL
☐ WORK ORDER APPROVAL
☐ OTHER (specify) _____

WAS A PRE-DESIGN CONFERENCE ATTENDED?

- ☐ YES
☒ NO
☐ COPY PROVIDED

DATE SUBMITTED:

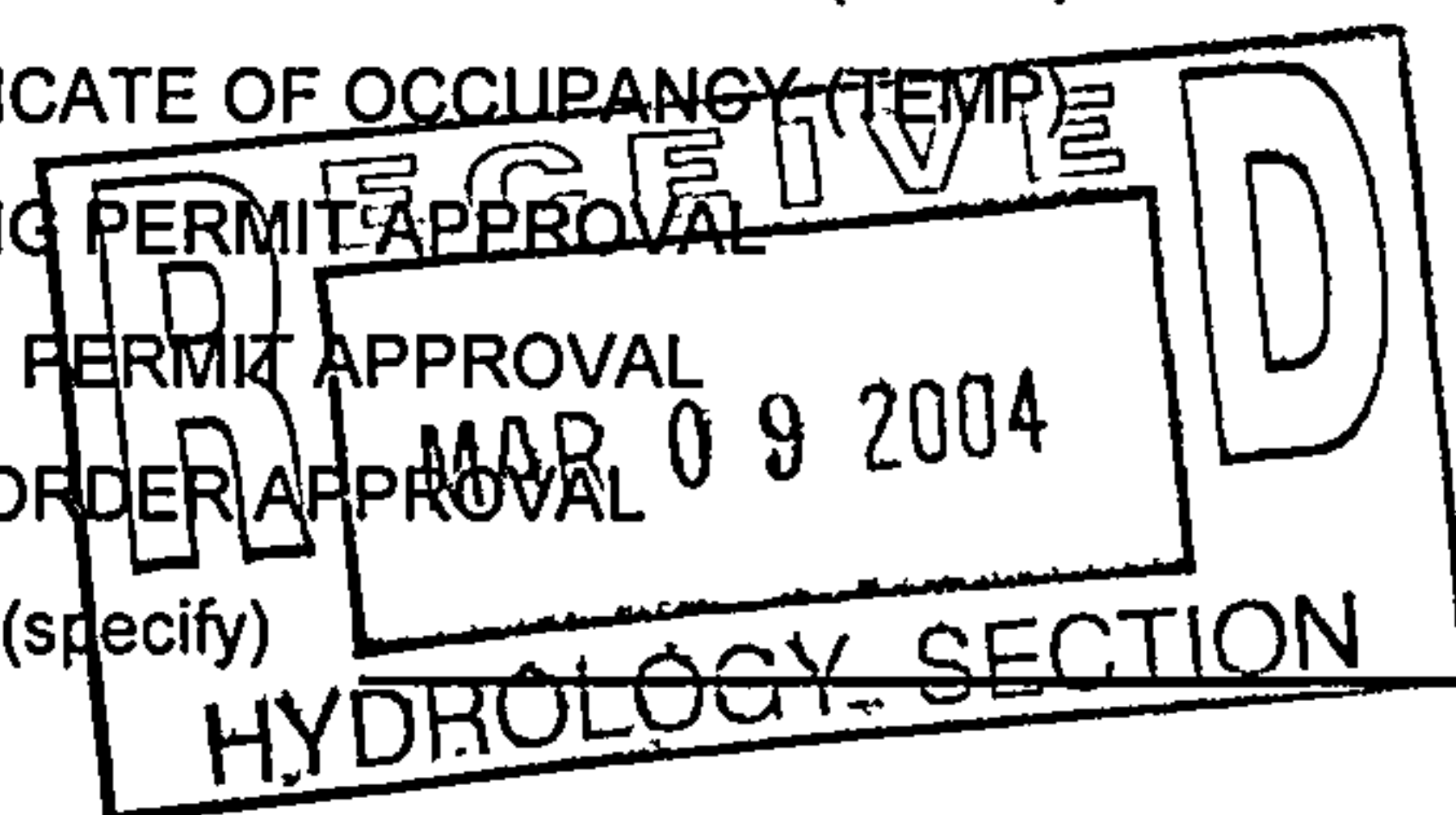
3/9/04

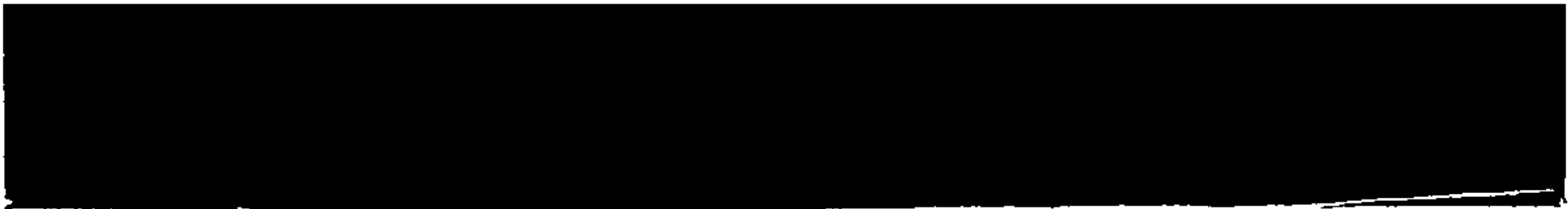
BY:

John M. Mackenzie

Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location and scope of the proposed development defines the degree of drainage detail. One or more of the following levels of submittal may be required based on the following:

1. Conceptual Grading and Drainage Plan: Required for approval of Site Development Plans greater than five (5) acres and Sector Plans.
2. Drainage Plans: Required for building permits, grading permits, paving permits and site plans less than five (5) acres.
3. Drainage Report: Required for subdivisions containing more than ten (10) lots or constituting five (5) acres or more.





RECEIVED
MAR 09 2004
HYDROLOGY SECTION

MARK GOODWIN

& ASSOCIATES
CONSULTING ENGINEERS

dmg

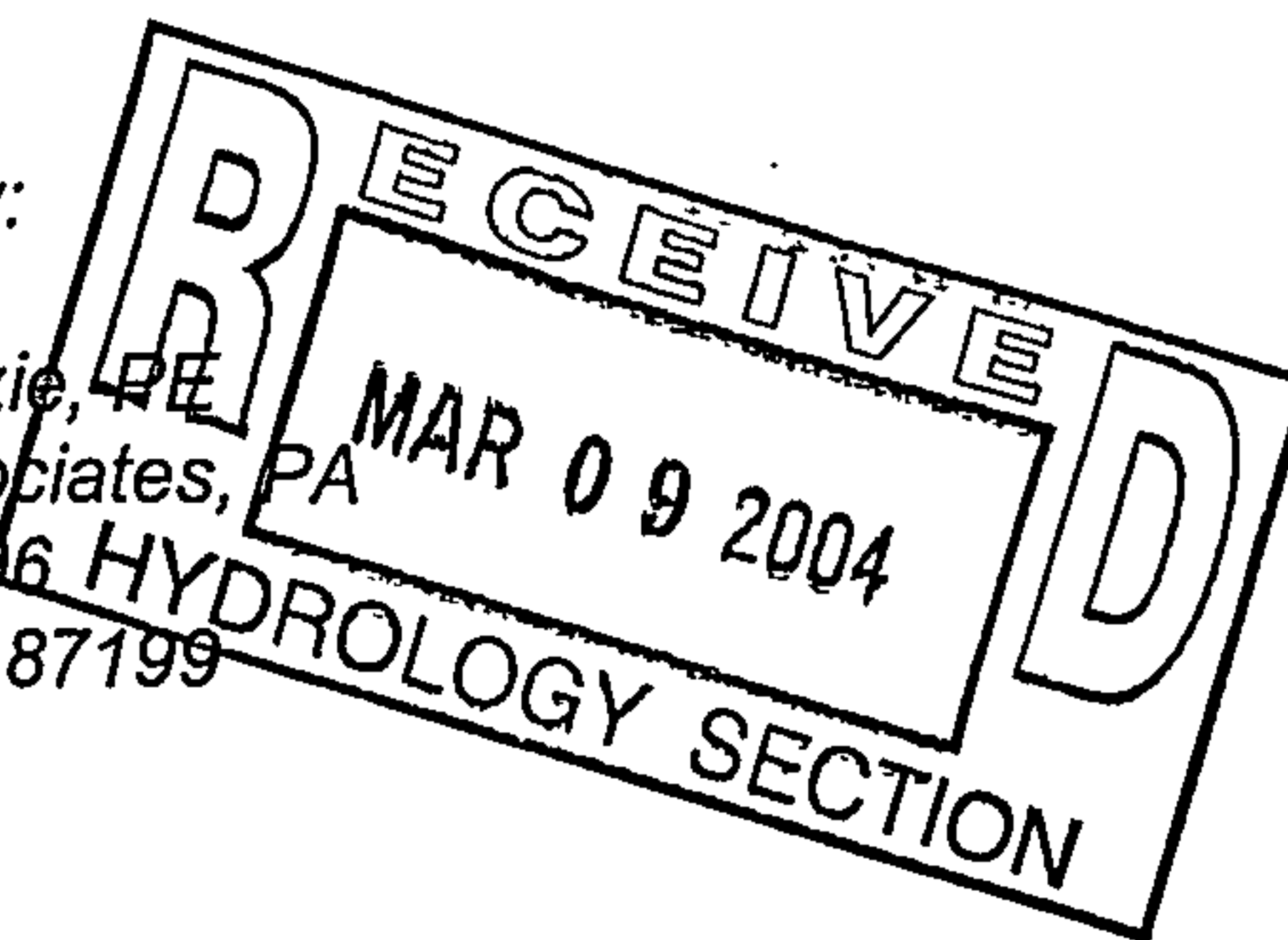
GRADING AND DRAINAGE PLAN
for the
ETHAN ALLEN ADDITION

Prepared for:

Stokes Limited Partnership

Prepared by:

John M. MacKenzie, PE
Mark Goodwin & Associates, PA
PO Box 90606
Albuquerque, NM 87199



December 30, 2003



John M. MacKenzie

3/9/04



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

P.O. BOX 90606, ALBUQUERQUE, NM 87199
(505) 828-2200 FAX 797-9539
e-mail: goodwinengrs@comcast.net

December 30, 2003

Mr. Brad Bingham, PE
City of Albuquerque Planning Department
Hydrology Division
PO Box 1293
Albuquerque, NM 87103

Re: Ethan Allen Addition (12521 Montgomery NE)

Dear Mr. Bingham:

The owner of the referenced property has recently decided to expand the existing warehouse that is now a part of the main store. The grading and drainage plan for this project was originally approved by your office in 1994. Being an infill commercial site within an established urban area, it was allowed free discharge to Montgomery Boulevard. This request is to expand the warehouse to north within the same tract. The area covering this new addition was anticipated to be an expansion area with the previously approved plan. This 95' x 100' building expansion will generate the amount of new runoff resulting from a difference in the area's D land treatment versus C land treatment (it was previously a disturbed urban lot). According to AHYMO (attached) this equals 0.5 cfs during the 100-year / 6-hour storm (12.31 cfs versus 12.81 cfs).

There are no off-site flows impacting this property. Runoff east of the site drains east to Tramway Boulevard and runoff north of the site drains north and into an existing apartment complex.

Roof drain downspouts and runoff from the small areas around the new expansion are collected and conveyed in a concrete swale along the west side of the building and then into the paved parking area.

There is an existing on-site communications facility that is to remain "as is".

Please contact me if I can be of further assistance.

Sincerely,

MARK GOODWIN & ASSOCIATES, PA

John M. MacKenzie, P.E.
Vice President

JMM/bg

AHYMO PROGRAM (AHYMO194) - AMAFCA Hydrologic Model - January, 1994
RUN DATE (MON/DAY/YR) = 12/30/2003
START TIME (HR:MIN:SEC) = 08:25:15 USER NO.= M_GOODWN.I01
INPUT FILE = ETHAN.DAT

START TIME=0.0
***** ETHAN ALLEN FURNITURE STORE ON MONTGOMERY @ TRAMWAY

***** 100-YEAR 6-HOUR STORM EVENT

RAINFALL TYPE=1 RAIN QUARTER=0.0 IN
RAIN ONE=2.23 IN RAIN SIX=2.80 IN
RAIN DAY=3.55 IN DT=0.033333 HR

COMPUTED 6-HOUR RAINFALL DISTRIBUTION BASED ON NOAA ATLAS 2 - PEAK AT 1.40 HR.
DT = .033333 HOURS END TIME = 5.999940 HOURS

.0000	.0040	.0081	.0122	.0165	.0208	.0252
.0298	.0344	.0391	.0440	.0490	.0541	.0594
.0648	.0703	.0760	.0819	.0880	.0943	.1008
.1075	.1145	.1217	.1293	.1371	.1453	.1539
.1629	.1724	.1825	.1886	.1952	.2023	.2174
.2513	.3035	.3783	.4805	.6148	.7861	.9993
1.2595	1.5002	1.6009	1.6859	1.7616	1.8304	1.8938
1.9526	2.0076	2.0591	2.1076	2.1534	2.1966	2.2375
2.2763	2.3130	2.3479	2.3810	2.4124	2.4205	2.4282
2.4355	2.4425	2.4493	2.4558	2.4621	2.4682	2.4741
2.4799	2.4854	2.4909	2.4962	2.5014	2.5064	2.5113
2.5162	2.5209	2.5255	2.5300	2.5345	2.5388	2.5431
2.5473	2.5515	2.5555	2.5596	2.5635	2.5674	2.5712
2.5750	2.5787	2.5823	2.5860	2.5895	2.5930	2.5965
2.5999	2.6033	2.6067	2.6100	2.6132	2.6165	2.6197
2.6228	2.6259	2.6290	2.6321	2.6351	2.6381	2.6411
2.6440	2.6469	2.6498	2.6527	2.6555	2.6583	2.6611
2.6638	2.6666	2.6693	2.6719	2.6746	2.6772	2.6799
2.6825	2.6850	2.6876	2.6901	2.6926	2.6951	2.6976
2.7001	2.7025	2.7050	2.7074	2.7098	2.7121	2.7145
2.7168	2.7192	2.7215	2.7238	2.7261	2.7283	2.7306
2.7328	2.7350	2.7373	2.7395	2.7416	2.7438	2.7460
2.7481	2.7502	2.7524	2.7545	2.7566	2.7587	2.7607
2.7628	2.7648	2.7669	2.7689	2.7709	2.7729	2.7749
2.7769	2.7789	2.7809	2.7828	2.7848	2.7867	2.7886
2.7905	2.7925	2.7944	2.7962	2.7981	2.8000	

***** EXISTING CONDITIONS ON ENTIRE 2.63-ACRE SITE

COMPUTE NM HYD ID=1 HYD NO=100.1 AREA=0.0041 SQ MI
PER A=0 PER B=15 PER C=12 PER D=73
TP=0.1333 HR MASS RAINFALL=-1

K = .072649HR TP = .133300HR K/TP RATIO = .545000 SHAPE CONSTANT, N = 7.106420
UNIT PEAK = 11.817 CFS UNIT VOLUME = .9984 B = 526.28 P60 = 2.2300
AREA = .002993 SQ MI IA = .10000 INCHES INF = .04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = .033333

K = .123713HR TP = .133300HR K/TP RATIO = .928081 SHAPE CONSTANT, N = 3.812204
UNIT PEAK = 2.8439 CFS UNIT VOLUME = .9956 B = 342.45 P60 = 2.2300
AREA = .001107 SQ MI IA = .43333 INCHES INF = 1.06333 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = .033333

PRINT HYD ID=1 CODE=24

PARTIAL HYDROGRAPH 100.10

TIME HRS	FLOW CFS	TIME HRS	FLOW CFS	TIME HRS	FLOW CFS	TIME HRS	FLOW CFS	TIME HRS	FLOW CFS
.000	.0	2.000	2.8	4.000	.1	6.000	.1		
.667	.0	2.667	.3	4.667	.1	6.667	.0		
1.333	3.5	3.333	.1	5.333	.1				

RUNOFF VOLUME = 2.18070 INCHES = .4768 ACRE-FEET
PEAK DISCHARGE RATE = 12.31 CFS AT 1.500 HOURS BASIN AREA = .0041 SQ. MI.

***** ON-SITE DEVELOPED CONDITIONS, INCLUDING NEW ADDITION
COMPUTE NM HYD ID=2 HYD NO=100.2 AREA=0.0041 SQ MI
PER A=0 PER B=15 PER C=0 PER D=85
TP=0.1333 HR MASS RAINFALL=-1

K = .072649HR TP = .133300HR K/TP RATIO = .545000 SHAPE CONSTANT, N = 7.106420
UNIT PEAK = 13.759 CFS UNIT VOLUME = .9985 B = 526.28 P60 = 2.2300
AREA = .003485 SQ MI IA = .10000 INCHES INF = .04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = .033333

K = .134742HR TP = .133300HR K/TP RATIO = 1.010815 SHAPE CONSTANT, N = 3.492236
UNIT PEAK = 1.4753 CFS UNIT VOLUME = .9908 B = 319.76 P60 = 2.2300
AREA = .000615 SQ MI IA = .50000 INCHES INF = 1.25000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = .033333

PRINT HYD ID=2 CODE=24

PARTIAL HYDROGRAPH 100.20

TIME HRS	FLOW CFS	TIME HRS	FLOW CFS	TIME HRS	FLOW CFS	TIME HRS	FLOW CFS	TIME HRS	FLOW CFS
.000	.0	2.000	3.0	4.000	.1	6.000	.1		
.667	.0	2.667	.3	4.667	.1	6.667	.0		
1.333	3.8	3.333	.2	5.333	.1				

RUNOFF VOLUME = 2.32049 INCHES = .5074 ACRE-FEET
PEAK DISCHARGE RATE = 12.81 CFS AT 1.500 HOURS BASIN AREA = .0041 SQ. MI.

***** 0.29 AC SUBBASIN RUNOFF DIRECTED INTO SWALE ALONG WEST
***** SIDE OF ADDITION (INCLUDES ADDITION'S ROOF DISCHARGE)
COMPUTE NM HYD ID=3 HYD NO=100.3 AREA=0.0005 SQ MI
PER A=0 PER B=0 PER C=25 PER D=75
TP=0.1333 HR MASS RAINFALL=-1

K = .072649HR TP = .133300HR K/TP RATIO = .545000 SHAPE CONSTANT, N = 7.106420
UNIT PEAK = 1.4805 CFS UNIT VOLUME = .9911 B = 526.28 P60 = 2.2300
AREA = .000375 SQ MI IA = .10000 INCHES INF = .04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = .033333

K = .109928HR TP = .133300HR K/TP RATIO = .824663 SHAPE CONSTANT, N = 4.329256
UNIT PEAK = .35311 CFS UNIT VOLUME = .9630 B = 376.56 P60 = 2.2300
AREA = .000125 SQ MI IA = .35000 INCHES INF = .83000 INCHES PER HOUR

RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = .033333

PRINT HYD ID=3 CODE=24

PARTIAL HYDROGRAPH 100.30

TIME	FLOW	TIME	FLOW	TIME	FLOW	TIME	FLOW	TIME	FLOW
HRS	CFS	HRS	CFS	HRS	CFS	HRS	CFS	HRS	CFS
.000	.0	1.333	.5	2.667	.0	4.000	.0	5.333	.0
.667	.0	2.000	.4	3.333	.0	4.667	.0	6.000	.0

RUNOFF VOLUME = 2.26428 INCHES = .0604 ACRE-Feet
PEAK DISCHARGE RATE = 1.57 CFS AT 1.500 HOURS BASIN AREA = .0005 SQ. MI.

FINISH

NORMAL PROGRAM FINISH END TIME (HR:MIN:SEC) = 08:25:15



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

PROJECT Ethan Allan

SUBJECT Drainage

BY JMM

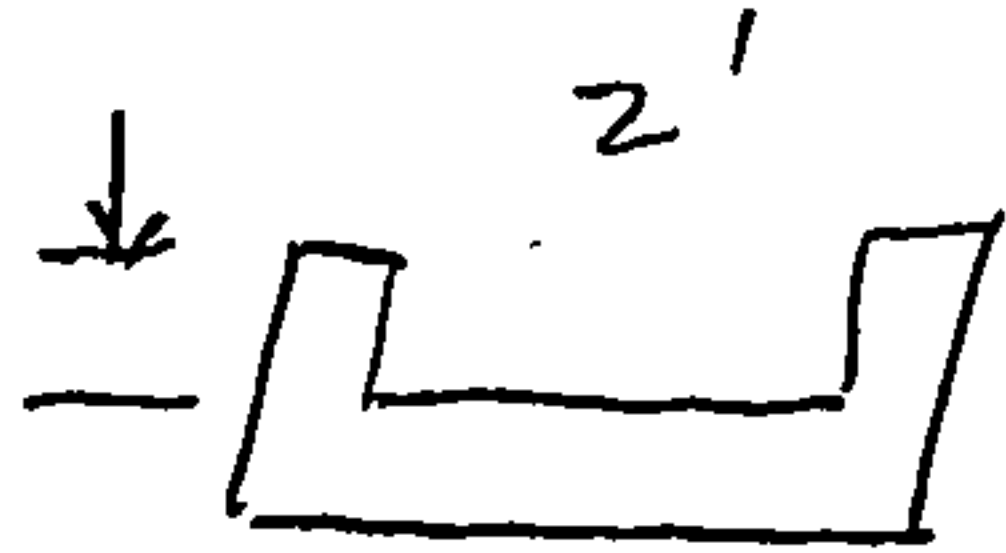
DATE 12/30/03

CHECKED _____

DATE _____

SHEET _____ OF _____

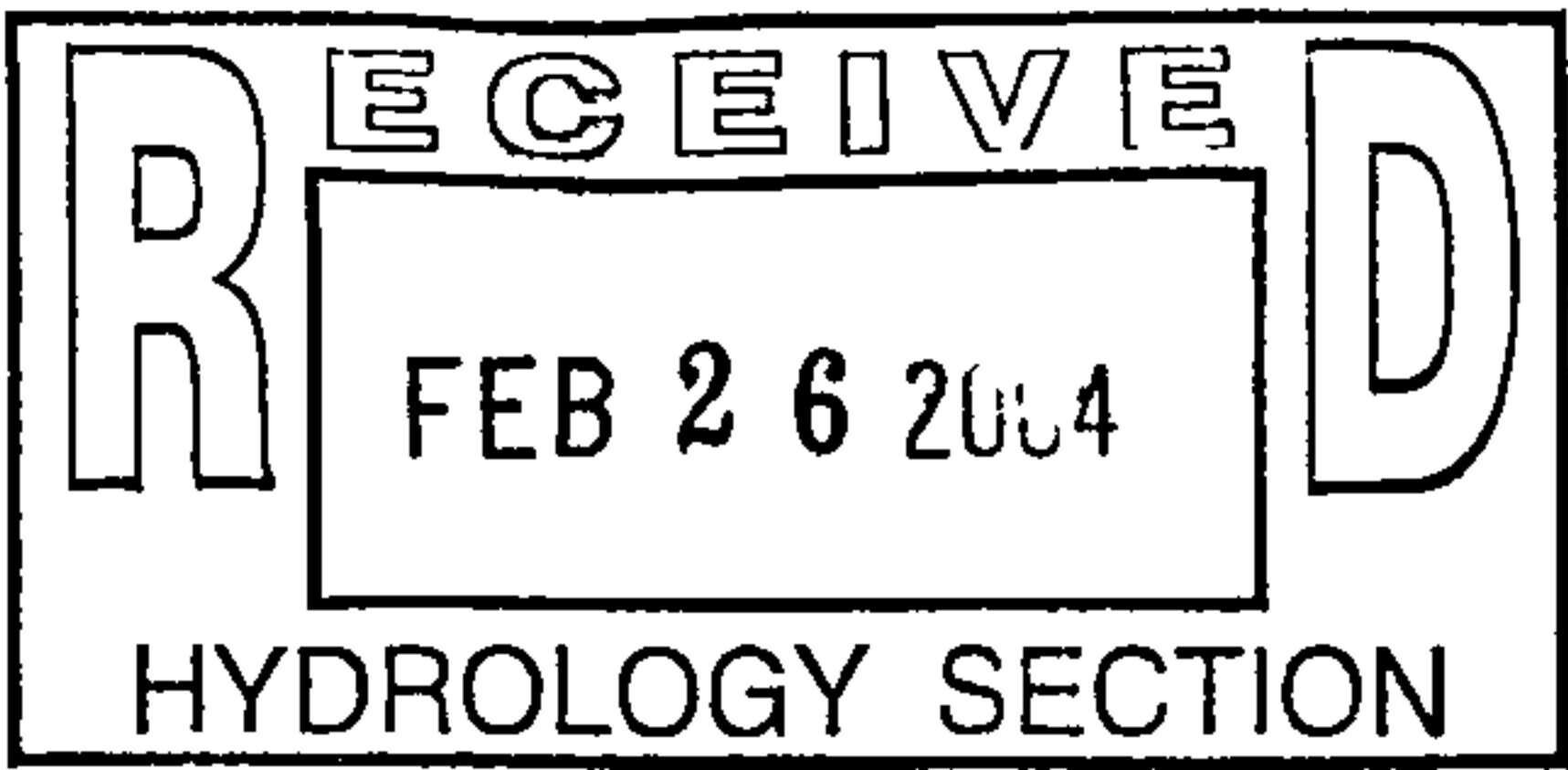
Drainage Calculations



$$WP = 3'$$

$$Area = 1.0 \text{ SF } S = 9.76\%$$

$$Q = \frac{1.49}{0.013} (1.0) \left(\frac{1}{3}\right)^{0.67} (0.0976)^{0.5} = 17 \text{ cfs}$$



MARK GOODWIN

dmg

& ASSOCIATES
CONSULTING ENGINEERS

DRAINAGE INFORMATION SHEET
(REV. 1/28/2003rd)

PROJECT TITLE:	Ethan Allen Addition	ZONE MAP/DRG #:	E-22/-D12A7
DRB#:	N/A	EPC #:	
LEGAL DESCRIPTION:	Parcel 1A-1, Land of Edmund I. Rady		
CITY ADDRESS:	12521 Montgomery		
ENGINEERING FIRM:	Mark Goodwin & Associates, PA	CONTACT:	John MacKenzie
ADDRESS:	PO Box 90606	PHONE:	828-2200
CITY, STATE:	Albuquerque, NM	ZIP CODE:	87199
OWNER:	STOKES LIMITED PARTNERSHIP	CONTACT:	
ADDRESS:	9517 SEABROOK DR	PHONE:	
CITY, STATE:	ALBUQUERQUE / NM / 87111-5887	ZIP CODE:	
ARCHITECT:	George Rainhart and Associates	CONTACT:	Shawn Anderson
ADDRESS:	2325 San Pedro NE, Suite 2B,	PHONE:	884-9110
CITY, STATE:	Albuq.,	ZIP CODE:	87110
SURVEYOR:	Aldrich Land Surveying	CONTACT:	Tim Aldrich
ADDRESS:	P.O. Box 30701	PHONE:	884-1990
CITY, STATE:	Albuquerque, NM	ZIP CODE:	87190-0701
CONTRACTOR:		CONTACT:	
ADDRESS:		PHONE:	
CITY, STATE:		ZIP CODE:	

CHECK TYPE OF SUBMITTAL:

☐	DRAINAGE REPORT
☒	DRAINAGE PLAN 1 ST SUBMITTAL, req. TCL or equal
☐	DRAINAGE PLAN RESUBMITTAL
☐	CONCEPTUAL GRADING & DRAINAGE PLAN
☐	GRADING PLAN
☐	EROSION CONTROL PLAN
☐	ENGINEER'S CERTIFICATION (HYDROLOGY)
☐	CLOMR/LOMR
☐	TRAFFIC CIRCULATION LAYOUT (TCL)
☐	ENGINEER'S CERTIFICATION (TCL)
☐	ENGINEER'S CERTIFICATION (DRB APPR. SITE PLAN)
☐	OTHER

CHECK TYPE OF APPROVAL SOUGHT:

☐	SIA / FINANCIAL GUARANTEE RELEASE
☐	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 (PERM)
☐	CERTIFICATE OF OCCUPANCY (TEMP)
☐	GRADING PERMIT APPROVAL
☐	PAVING PERMIT APPROVAL
☐	WORK ORDER APPROVAL
☐	OTHER (specify)

WAS A PRE-DESIGN CONFERENCE ATTENDED?

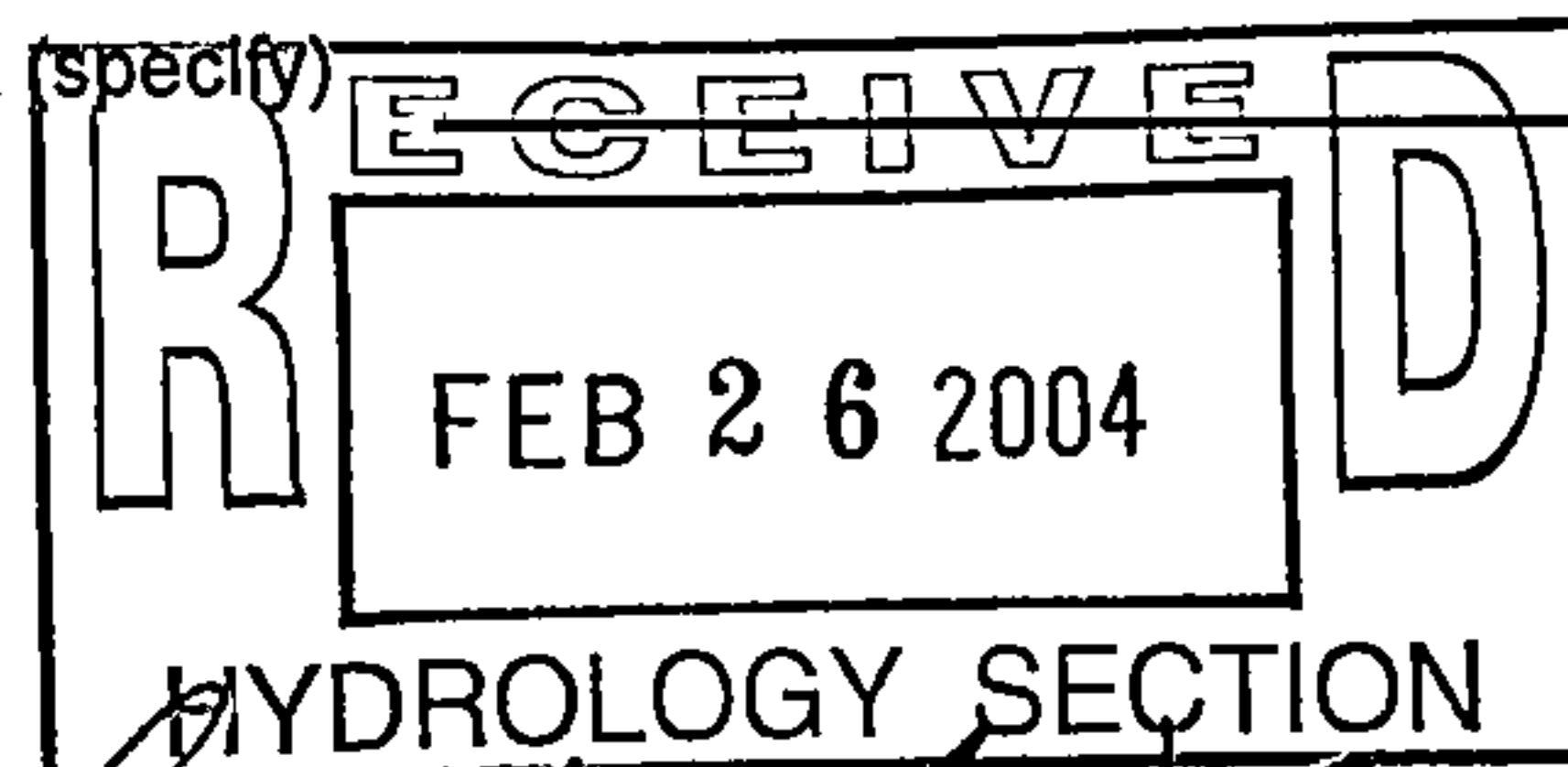
☐	YES
☒	NO
☐	COPY PROVIDED

DATE SUBMITTED:

12/30/03

BY:

John M. MacKenzie



Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location and scope of the proposed development defines the degree of drainage detail. One or more of the following levels of submittal may be required based on the following:

1. **Conceptual Grading and Drainage Plan:** Required for approval of Site Development Plans greater than five (5) acres and Sector Plans.
2. **Drainage Plans:** Required for building permits, grading permits, paving permits and site plans less than five (5) acres.
3. **Drainage Report:** Required for subdivisions containing more than ten (10) lots or constituting five (5) acres or more.

DRAINAGE REPORT
for
ETHAN ALLEN ADDITION

Prepared by
Mark Goodwin & Associates, PA
PO Box 90606
Albuquerque, NM 87199
(505) 828-2200

December 2003



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

December 30, 2003

Mr. Brad Bingham, PE
City of Albuquerque Planning Department
Hydrology Division
PO Box 1293
Albuquerque, NM 87103

Re: Ethan Allen Addition (12521 Montgomery NE)

Dear Mr. Bingham:

The owner of the referenced property has recently decided to expand the existing warehouse that is now a part of the main store. The grading and drainage plan for this project was originally approved by your office in 1994. Being an infill commercial site within an established urban area, it was allowed free discharge to Montgomery Boulevard. This request is to expand the warehouse to north within the same tract. The area covering this new addition was anticipated to be an expansion area with the previously approved plan. This 95' x 100' building expansion will generate the amount of new runoff resulting from a difference in the area's D land treatment versus C land treatment (it was previously a disturbed urban lot). According to AHYMO (attached) this equals 0.5 cfs during the 100-year / 6-hour storm (12.31 cfs versus 12.81 cfs).

There are no off-site flows impacting this property. Runoff east of the site drains east to Tramway Boulevard and runoff north of the site drains north and into an existing apartment complex.

Roof drain downspouts and runoff from the small areas around the new expansion are collected and conveyed in a concrete swale along the west side of the building and then into the paved parking area.

There is an existing on-site communications facility that is to remain "as is".

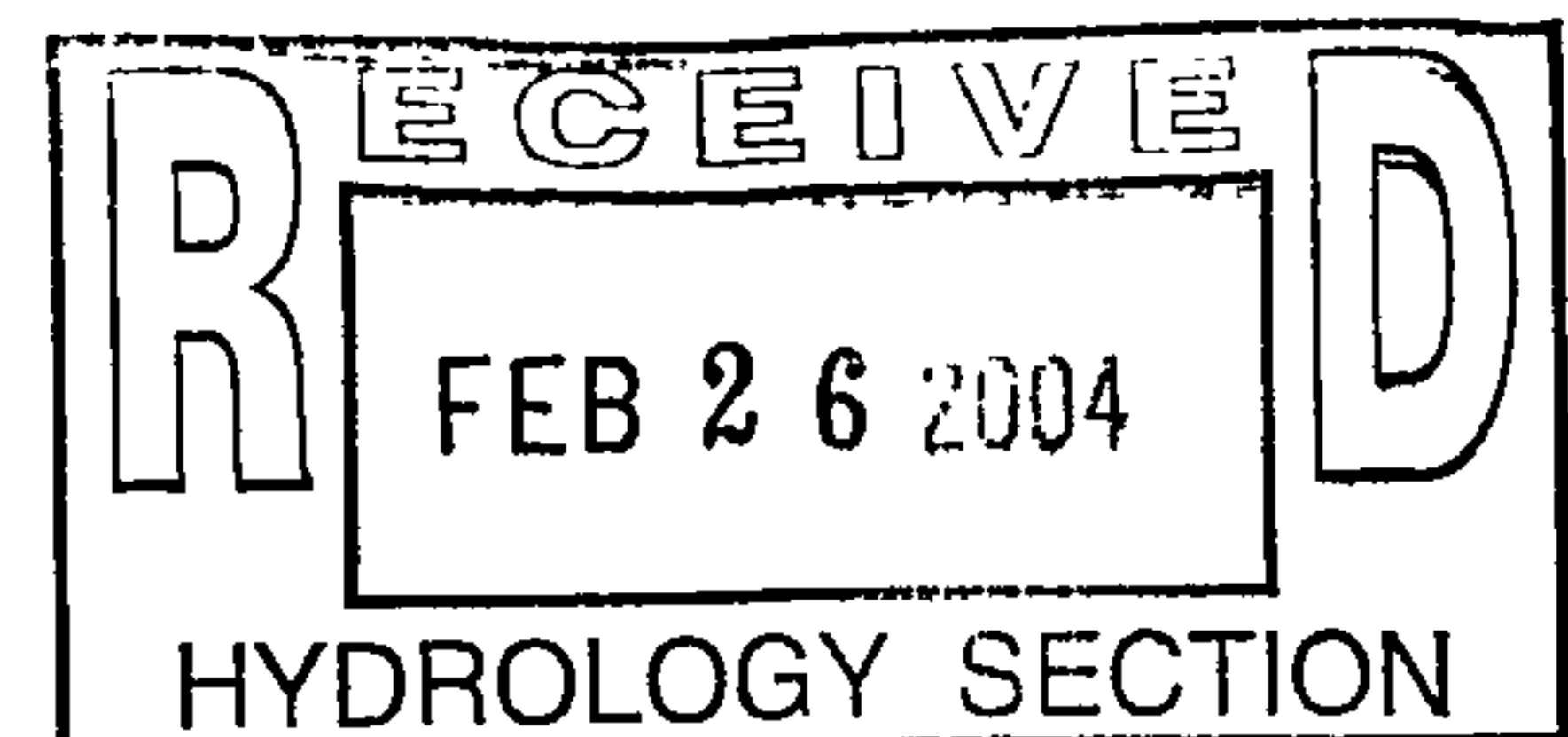
Please contact me if I can be of further assistance.

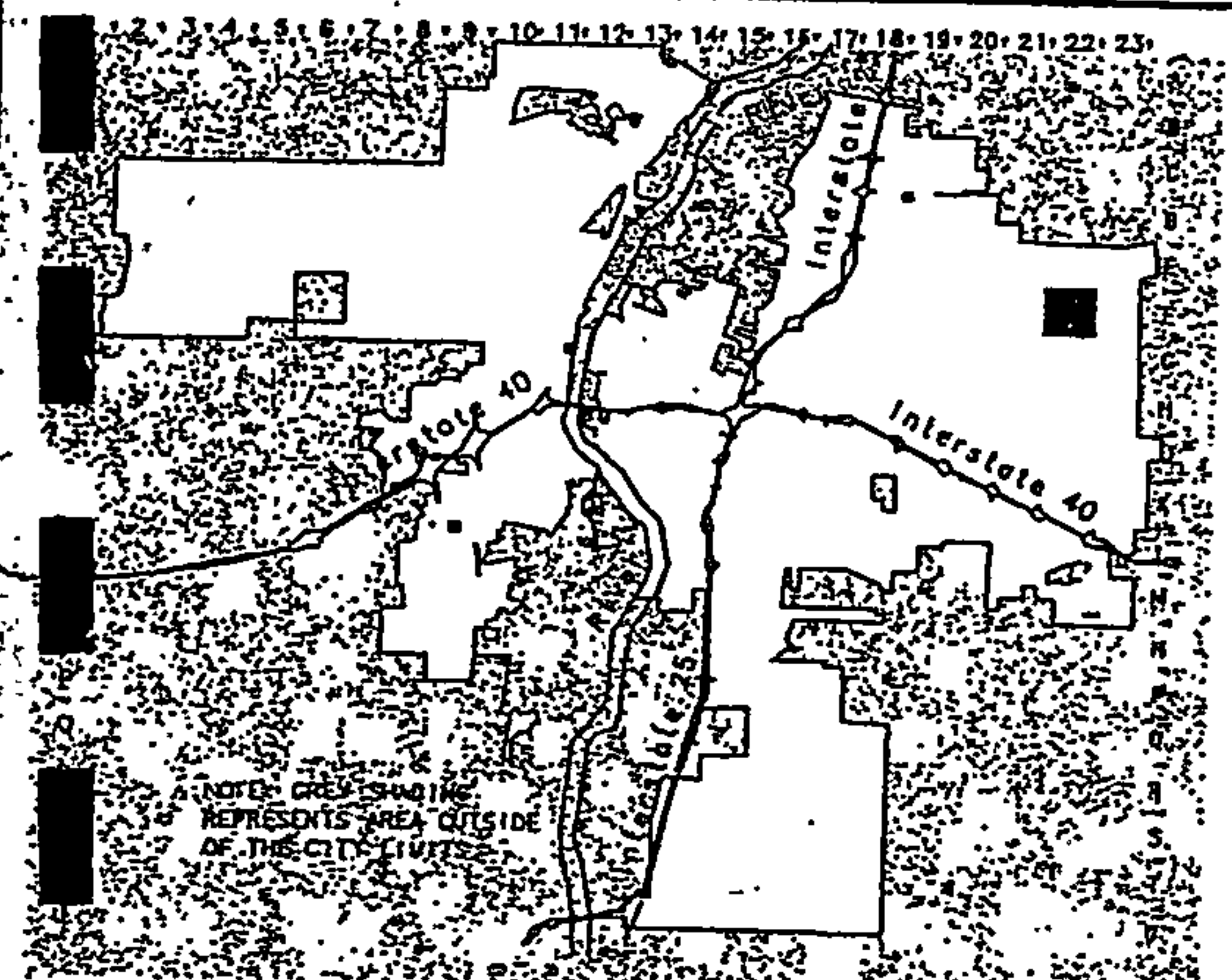
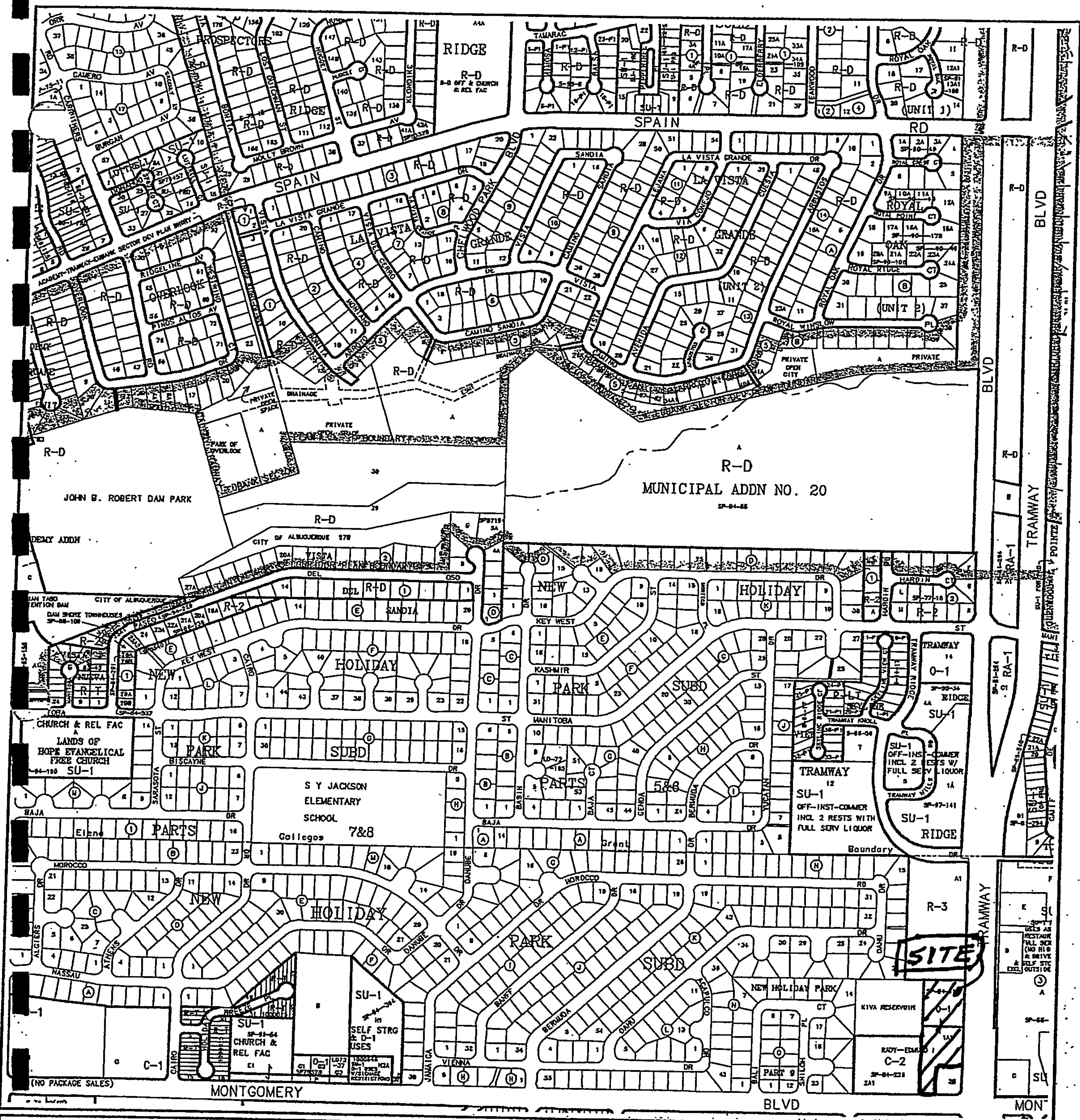
Sincerely,

MARK GOODWIN & ASSOCIATES, PA

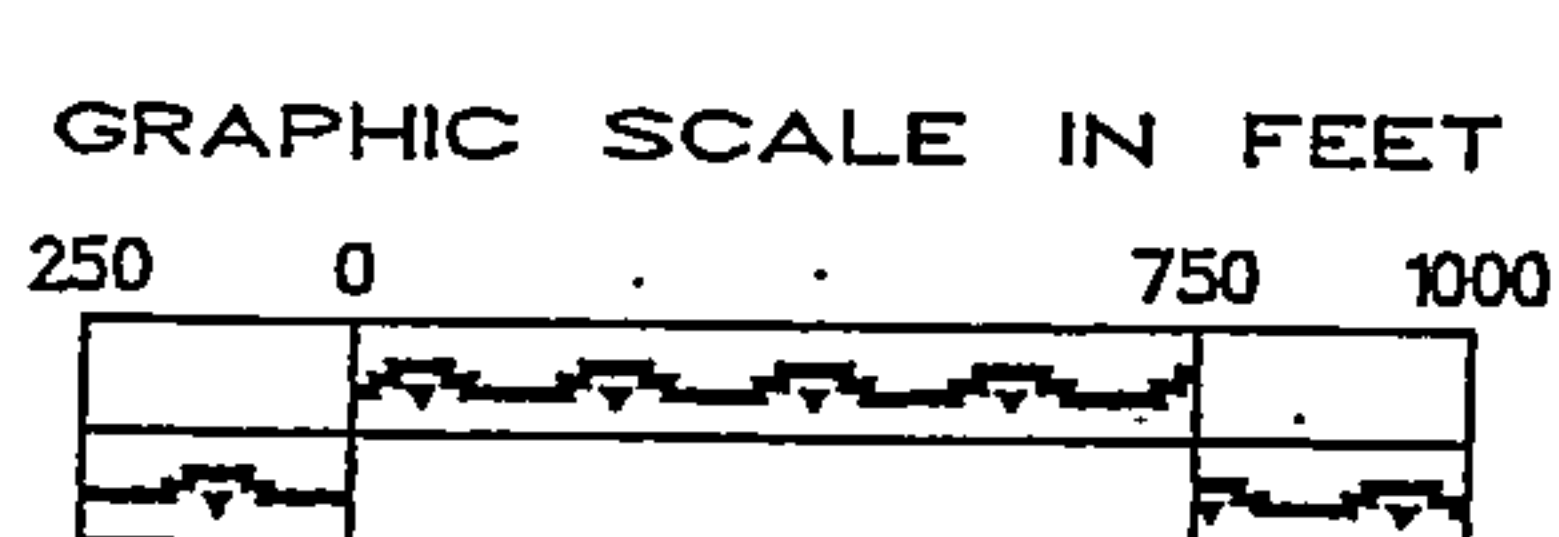
John M. MacKenzie, P.E.
Vice President

JMM/bg





CITY OF
Albuquerque
A Geographic Information System
PLANNING DEPARTMENT
© Copyright 2003



Zone Atlas Page

F-22-Z

Map Amended through January 21, 2003

AHYMO PROGRAM (AHYMO194) - AMAFCA Hydrologic Model - January, 1994
RUN DATE (MON/DAY/YR) = 12/30/2003
START TIME (HR:MIN:SEC) = 08:25:15 USER NO.= M_GOODWN.I01
INPUT FILE = ETHAN.DAT

START TIME=0.0

***** ETHAN ALLEN FURNITURE STORE ON MONTGOMERY @ TRAMWAY

***** 100-YEAR 6-HOUR STORM EVENT

RAINFALL TYPE=1 RAIN QUARTER=0.0 IN
RAIN ONE=2.23 IN RAIN SIX=2.80 IN
RAIN DAY=3.55 IN DT=0.033333 HR

COMPUTED 6-HOUR RAINFALL DISTRIBUTION BASED ON NOAA ATLAS 2 - PEAK AT 1.40 HR.
DT = .033333 HOURS END TIME = 5.999940 HOURS

.0000	.0040	.0081	.0122	.0165	.0208	.0252
.0298	.0344	.0391	.0440	.0490	.0541	.0594
.0648	.0703	.0760	.0819	.0880	.0943	.1008
.1075	.1145	.1217	.1293	.1371	.1453	.1539
.1629	.1724	.1825	.1886	.1952	.2023	.2174
.2513	.3035	.3783	.4805	.6148	.7861	.9993
1.2595	1.5002	1.6009	1.6859	1.7616	1.8304	1.8938
1.9526	2.0076	2.0591	2.1076	2.1534	2.1966	2.2375
2.2763	2.3130	2.3479	2.3810	2.4124	2.4205	2.4282
2.4355	2.4425	2.4493	2.4558	2.4621	2.4682	2.4741
2.4799	2.4854	2.4909	2.4962	2.5014	2.5064	2.5113
2.5162	2.5209	2.5255	2.5300	2.5345	2.5388	2.5431
2.5473	2.5515	2.5555	2.5596	2.5635	2.5674	2.5712
2.5750	2.5787	2.5823	2.5860	2.5895	2.5930	2.5965
2.5999	2.6033	2.6067	2.6100	2.6132	2.6165	2.6197
2.6228	2.6259	2.6290	2.6321	2.6351	2.6381	2.6411
2.6440	2.6469	2.6498	2.6527	2.6555	2.6583	2.6611
2.6638	2.6666	2.6693	2.6719	2.6746	2.6772	2.6799
2.6825	2.6850	2.6876	2.6901	2.6926	2.6951	2.6976
2.7001	2.7025	2.7050	2.7074	2.7098	2.7121	2.7145
2.7168	2.7192	2.7215	2.7238	2.7261	2.7283	2.7306
2.7328	2.7350	2.7373	2.7395	2.7416	2.7438	2.7460
2.7481	2.7502	2.7524	2.7545	2.7566	2.7587	2.7607
2.7628	2.7648	2.7669	2.7689	2.7709	2.7729	2.7749
2.7769	2.7789	2.7809	2.7828	2.7848	2.7867	2.7886
2.7905	2.7925	2.7944	2.7962	2.7981	2.8000	

***** EXISTING CONDITIONS ON ENTIRE 2.63-ACRE SITE

COMPUTE NM HYD ID=1 HYD NO=100.1 AREA=0.0041 SQ MI
PER A=0 PER B=15 PER C=12 PER D=73
TP=0.1333 HR MASS RAINFALL=-1

K = .072649HR TP = .133300HR K/TP RATIO = .545000 SHAPE CONSTANT, N = 7.106420
UNIT PEAK = 11.817 CFS UNIT VOLUME = .9984 B = 526.28 P60 = 2.2300
AREA = .002993 SQ MI IA = .10000 INCHES INF = .04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = .033333

K = .123713HR TP = .133300HR K/TP RATIO = .928081 SHAPE CONSTANT, N = 3.812204
UNIT PEAK = 2.8439 CFS UNIT VOLUME = .9956 B = 342.45 P60 = 2.2300
AREA = .001107 SQ MI IA = .43333 INCHES INF = 1.06333 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = .033333

PRINT HYD ID=1 CODE=24

PARTIAL HYDROGRAPH 100.10

TIME HRS	FLOW CFS	TIME HRS	FLOW CFS	TIME HRS	FLOW CFS	TIME HRS	FLOW CFS	TIME HRS	FLOW CFS
.000	.0	2.000	2.8	4.000	.1	6.000	.1		
.667	.0	2.667	.3	4.667	.1	6.667	.0		
1.333	3.5	3.333	.1	5.333	.1				

RUNOFF VOLUME = 2.18070 INCHES = .4768 ACRE-FEET
PEAK DISCHARGE RATE = 12.31 CFS AT 1.500 HOURS BASIN AREA = .0041 SQ. MI.

***** ON-SITE DEVELOPED CONDITIONS, INCLUDING NEW ADDITION
COMPUTE NM HYD ID=2 HYD NO=100.2 AREA=0.0041 SQ MI
PER A=0 PER B=15 PER C=0 PER D=85
TP=0.1333 HR MASS RAINFALL=-1

K = .072649HR TP = .133300HR K/TP RATIO = .545000 SHAPE CONSTANT, N = 7.106420
UNIT PEAK = 13.759 CFS UNIT VOLUME = .9985 B = 526.28 P60 = 2.2300
AREA = .003485 SQ MI IA = .10000 INCHES INF = .04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = .033333

K = .134742HR TP = .133300HR K/TP RATIO = 1.010815 SHAPE CONSTANT, N = 3.492236
UNIT PEAK = 1.4753 CFS UNIT VOLUME = .9908 B = 319.76 P60 = 2.2300
AREA = .000615 SQ MI IA = .50000 INCHES INF = 1.25000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = .033333

PRINT HYD ID=2 CODE=24

PARTIAL HYDROGRAPH 100.20

TIME HRS	FLOW CFS	TIME HRS	FLOW CFS	TIME HRS	FLOW CFS	TIME HRS	FLOW CFS	TIME HRS	FLOW CFS
.000	.0	2.000	3.0	4.000	.1	6.000	.1		
.667	.0	2.667	.3	4.667	.1	6.667	.0		
1.333	3.8	3.333	.2	5.333	.1				

RUNOFF VOLUME = 2.32049 INCHES = .5074 ACRE-FEET
PEAK DISCHARGE RATE = 12.81 CFS AT 1.500 HOURS BASIN AREA = .0041 SQ. MI.

***** 0.29 AC SUBBASIN RUNOFF DIRECTED INTO SWALE ALONG WEST
***** SIDE OF ADDITION (INCLUDES ADDITION'S ROOF DISCHARGE)
COMPUTE NM HYD ID=3 HYD NO=100.3 AREA=0.0005 SQ MI
PER A=0 PER B=0 PER C=25 PER D=75
TP=0.1333 HR MASS RAINFALL=-1

K = .072649HR TP = .133300HR K/TP RATIO = .545000 SHAPE CONSTANT, N = 7.106420
UNIT PEAK = 1.4805 CFS UNIT VOLUME = .9911 B = 526.28 P60 = 2.2300
AREA = .000375 SQ MI IA = .10000 INCHES INF = .04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = .033333

K = .109928HR TP = .133300HR K/TP RATIO = .824663 SHAPE CONSTANT, N = 4.329256
UNIT PEAK = .35311 CFS UNIT VOLUME = .9630 B = 376.56 P60 = 2.2300
AREA = .000125 SQ MI IA = .35000 INCHES INF = .83000 INCHES PER HOUR

RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = .033333

PRINT HYD ID=3 CODE=24

PARTIAL HYDROGRAPH 100.30

TIME HRS	FLOW CFS	TIME HRS	FLOW CFS	TIME HRS	FLOW CFS	TIME HRS	FLOW CFS	TIME HRS	FLOW CFS
.000	.0	1.333	.5	2.667	.0	4.000	.0	5.333	.0
.667	.0	2.000	.4	3.333	.0	4.667	.0	6.000	.0

RUNOFF VOLUME = 2.26428 INCHES = .0604 ACRE-FEET

PEAK DISCHARGE RATE = 1.57 CFS AT 1.500 HOURS BASIN AREA = .0005 SQ. MI.

FINISH

NORMAL PROGRAM FINISH

END TIME (HR:MIN:SEC) = 08:25:15

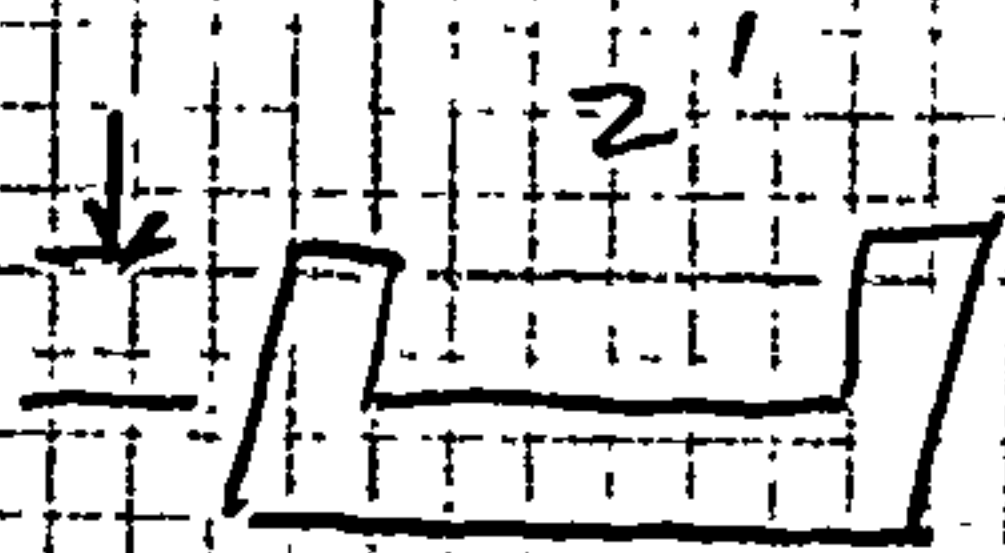


D. Mark Goodwin & Associates, P.A.
Consulting Engineers

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

PROJECT Ethan Allan
SUBJECT Drainage
BY JMM DATE 12/30/03
CHECKED _____ DATE _____
SHEET _____ OF _____

Drainage Calculations



WP = 3'

Area = 1.0 SF S = 9.76%

$$Q = \frac{1.49}{0.013} (1.0) \left(\frac{1}{3}\right)^{0.67} (0.0976)^{0.5} = 17 \text{ cfs}$$

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Ethan Allen ZONE ATLAS/DRNG, FILE#: F-22 / 012A
DRB #: _____ EPC #: _____ WORK ORDER #: _____
LEGAL DESCRIPTION: Parcel 1A-1 Property of Edmond Rady
CITY ADDRESS: _____

ENGINEERING FIRM: Mark Goodwin & Associates, PA CONTACT: John M. MacKenzie, PE
ADDRESS: PO Box 90606 PHONE: 345-2010
OWNER: Ethan Allen CONTACT: Alex Griego
ADDRESS: 7801 Academy NE PHONE: 828-9611
ARCHITECT: de la Torre - Rainhart CONTACT: Alex Griego
ADDRESS: 7801 Academy NE PHONE: 828-9611
SURVEYOR: Aldrich Land Surveying CONTACT: Tim Aldrich
ADDRESS: PO Box 30701 PHONE: 884-1990
CONTRACTOR: N/A CONTACT: _____
ADDRESS: _____ PHONE: _____

TYPE OF SUBMITTAL:

CHECK TYPE OF APPROVAL SOUGHT:

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

☐ 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 _____ (Specify)

PRE-DESIGN MEETING:

☐ YES
☒ NO
☐ COPY PROVIDED

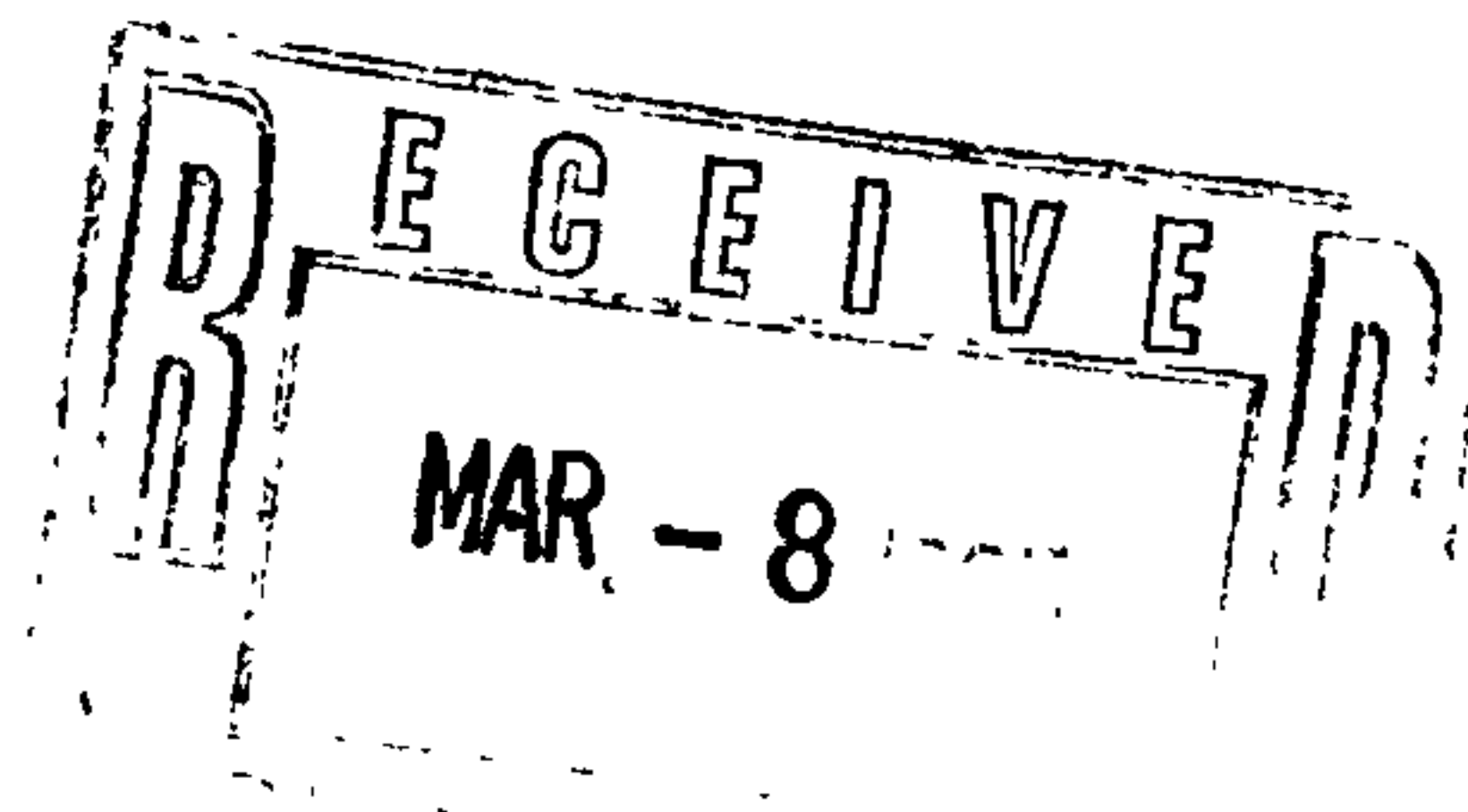
VERBAL:

1. Roof downspouts on the west side of Building must be extended past the gravel.

DATE SUBMITTED: 3/8/95

BY: John M. MacKenzie
John M. MacKenzie, PE

2. Where new curb & existing curb meet, slight ponding is taking place.



F22-D12A

VERBAL

NO FOR CERTIFICATION

3/31/95

JRM



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

September 23, 1994

John M. MacKenzie
Mark Goodwin & Associates, PA
PO Box 90606
Albuquerque, NM 87199

RE: ETHAN ALLEN (F-22/D12A) ENGINEER'S STAMP DATED 9/21/94

Dear Mr. MacKenzie:

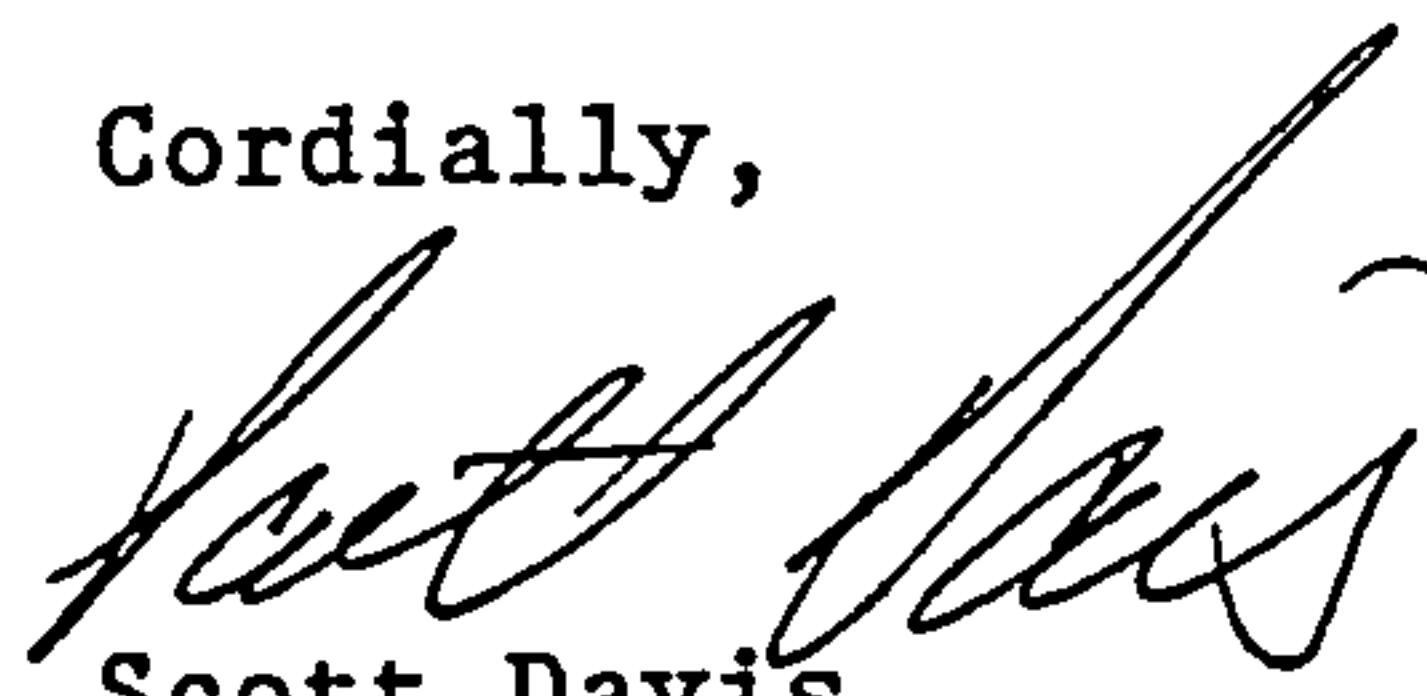
Based upon your 9/22/94 resubmittal, the referenced project is approved for Grading Permit, Foundation Permit and Building Permit.

A Topsoil Disturbance Permit is required prior to commencing with the grading of the site.

Please keep in mind that prior to Certificate of Occupancy release you must either obtain a Private Drainage Easement from the adjacent property to the west or supply this office with a designed facility which will restrict storm flows from impacting that property.

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

Cordially,


Scott Davis
PWD, Hydrology Division

c: Larry Caudill
Andrew Garcia
File
(wp+8832)

8/3/94

Engineer was called 8/2/94 and told that he needs to define downstream conditions before being allowed free discharge. He is making the requested change & will resubmit.

Garth Davis

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Ethan Allen ZONE ATLAS/DRNG, FILE#: F-22/112A
DRB #: _____ EPC #: _____ WORK ORDER #: _____
LEGAL DESCRIPTION: Parcel 1A-1 Property of Edmond Rady
CITY ADDRESS: _____

ENGINEERING FIRM: Mark Goodwin & Associates, PA CONTACT: John M. MacKenzie, PE
ADDRESS: PO Box 90606 PHONE: 345-2010
OWNER: Ethan Allen CONTACT: Alex Griego
ADDRESS: 7801 Academy NE PHONE: 828-9611
ARCHITECT: de la Torre - Rainhart CONTACT: Alex Griego
ADDRESS: 7801 Academy NE PHONE: 828-9611
SURVEYOR: Aldrich Land Surveying CONTACT: Tim Aldrich
ADDRESS: PO Box 30701 PHONE: 884-1990
CONTRACTOR: N/A 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:

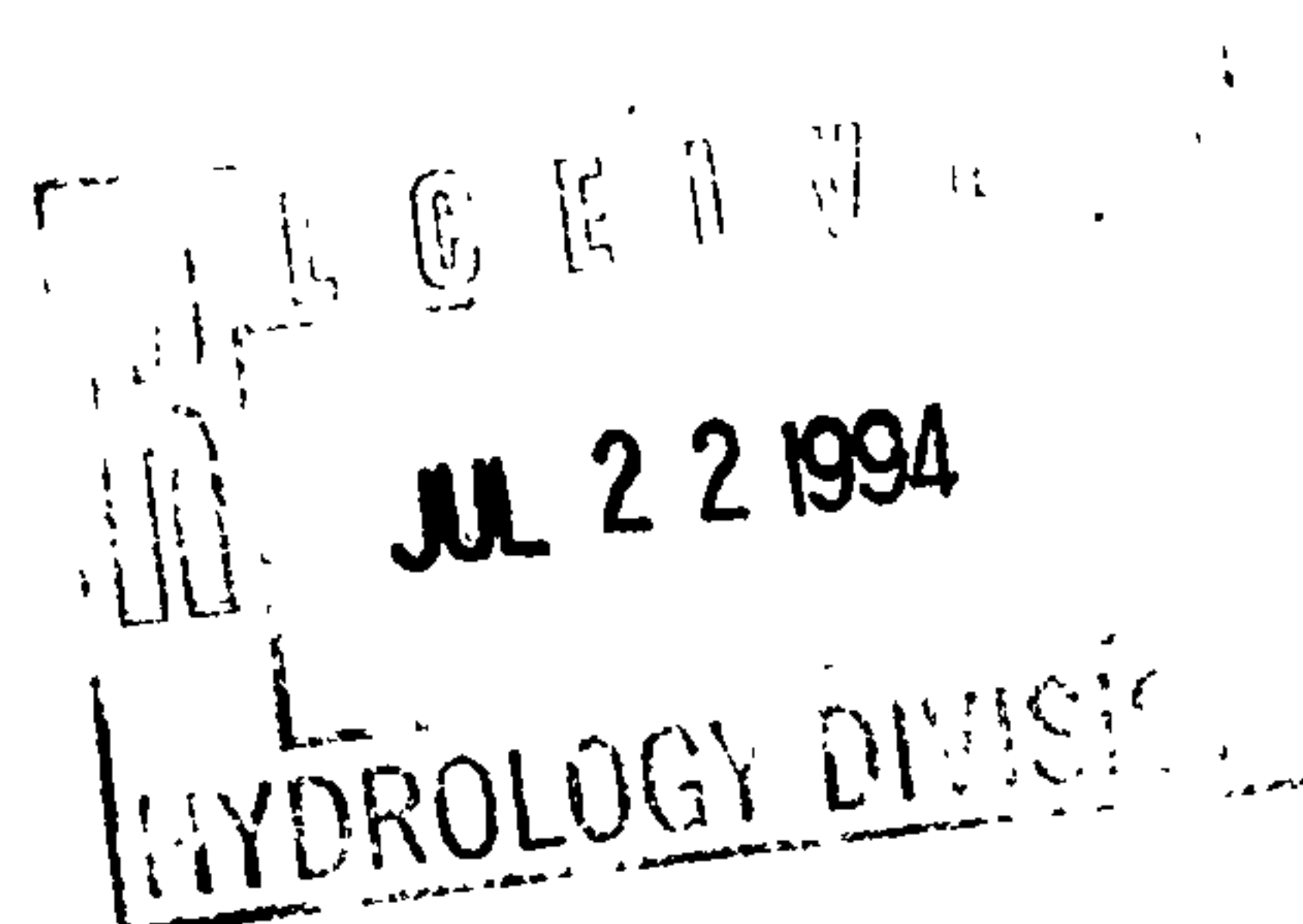
☒ YES
☐ NO
☐ COPY PROVIDED

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
☐ CERTIFICATION OF OCCUPANCY APPROVAL
☐ GRADING PERMIT APPROVAL
☐ PAVING PERMIT APPROVAL
☐ S.A.D. DRAINAGE REPORT
☐ DRAINAGE REQUIREMENTS
☐ OTHER _____ (Specify)

DATE SUBMITTED: 7/22/94

BY: John M. MacKenzie
John M. MacKenzie, PE



K = .122500HR IP = .133300HR K/IP RATIO = .918750 SHAPE
CONSTANT, N = 3.23511
UNIT PEAK = 5.2465 CFS UNIT VOLUME = .9980 B = 336.44
P60 = 2.2300
AREA = .002475 SQ MI IA = .45000 INCHES INF = 1.11000 I
NCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT
= .033330

PRINT HYD ID=1 CODE=1

PARTIAL HYDROGRAPH 101.10

RUNOFF VOLUME = 1.77074 INCHES = .3896 ACRE-Feet
PEAK DISCHARGE RATE = 10.59 CFS AT 1.500 HOURS BASIN AREA =
.0041 SQ. MI.

*** 110 USED CONDITIONS

COMPUTE HYD ID=2 HYD NO=101.2 AREA=.004125 SQ MI

PER A=0 PER B=20 PER C=0 PER D=80

IP=.1333 HR MASS RAINFALL=1

K = .072549HR IP = .133300HR K/IP RATIO = .545000 SHAPE
CONSTANT, N = 7.106420
UNIT PEAK = 13.029 CFS UNIT VOLUME = .9985 B = 526.28
P60 = 2.2300
AREA = .003300 SQ MI IA = .10000 INCHES INF = .04000 I
NCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT
= .033330

K = .134742HR IP = .133300HR K/IP RATIO = 1.010815 SHAPE
CONSTANT, N = 3.492236
UNIT PEAK = 1.9790 CFS UNIT VOLUME = .9935 B = 319.76
P60 = 2.2300
AREA = .000825 SQ MI IA = .50000 INCHES INF = 1.25000 I
NCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT
= .033330

PRINT HYD ID=2 CODE=1

PARTIAL HYDROGRAPH 101.20

RUNOFF VOLUME = 2.32833 INCHES = .5122 ACRE-Feet
PEAK DISCHARGE RATE = 12.63 CFS AT 1.500 HOURS BASIN AREA =
.0041 SQ. MI.

FINISH

NORMAL PROGRAM FINISH

END TIME (HR:MIN:SEC) = 06:53:39

JUL 22 1994

INPUT FILE = E1H41.D01

Stone 11 Feb 1960

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 104

CONFIDENTIAL. REFERENCE TO THIS DOCUMENT IS UNCLASSIFIED.

RAIN ONE=2.28 IN RAIN SIX=2.90 IN

164111 DAY=3.55 114 D1=0.03333 FR

CONFIDENTIAL GROUP RATHER THAN DISTRIBUTION BASED ON RESEARCH ATLAS 2

... FLEET AT 1.10 PM.

DT =	.033330 HOURS		END TIME =		5.999400 HOURS	
.0000	.0000	.0119	.0167	.0225	.0284	.0345
.0406	.0469	.0534	.0600	.0668	.0738	.0809
.0882	.0958	.1035	.1115	.1197	.1282	.1370
.1451	.1535	.1623	.1714	.1809	.1911	.2018
.2207	.2334	.2469	.2530	.2596	.2667	.2818
.3156	.3677	.4425	.5446	.6787	.8498	1.0629
1.3228	1.5642	1.6650	1.7500	1.8257	1.8946	1.9579
2.0168	2.0718	2.1233	2.1719	2.2176	2.2608	2.3018
2.3405	2.3773	2.4122	2.4453	2.4767	2.4850	2.4927
2.5002	2.5074	2.5143	2.5210	2.5275	2.5338	2.5400
2.5459	2.5518	2.5575	2.5630	2.5685	2.5738	2.5790
2.5841	2.5891	2.5940	2.5988	2.6036	2.6082	2.6128
2.6173	2.6218	2.6262	2.6305	2.6347	2.6389	2.6431
2.6471	2.6512	2.6552	2.6591	2.6630	2.6668	2.6706
2.6743	2.6780	2.6817	2.6853	2.6889	2.6925	2.6960
2.6995	2.7029	2.7063	2.7097	2.7131	2.7164	2.7197
2.7229	2.7262	2.7294	2.7325	2.7357	2.7388	2.7419
2.7450	2.7480	2.7511	2.7541	2.7570	2.7600	2.7629
2.7658	2.7687	2.7716	2.7745	2.7773	2.7801	2.7829
2.7857	2.7885	2.7912	2.7939	2.7966	2.7993	2.8020
2.8046	2.8073	2.8099	2.8125	2.8151	2.8177	2.8202
2.8228	2.8253	2.8279	2.8304	2.8329	2.8353	2.8378
2.8402	2.8427	2.8451	2.8475	2.8499	2.8523	2.8547
2.8571	2.8594	2.8618	2.8641	2.8664	2.8687	2.8710
2.8733	2.8756	2.8779	2.8801	2.8824	2.8846	2.8868
2.8890	2.8912	2.8934	2.8956	2.8978	2.9000	

*** UNDEVELOPED CONDITIONS

```

COMPUTE NH HYD      LD=1  HYD NU=101.1  AREA=0.004125  SU MI

```

```

1-EE A=20    1-EE B=0    1-EE C=40    1-EE D=40

```

TP=0.1333 HR MASS RAINFALL=-1

K = .072649HR TP = .133300HR K/TP RATIO = .545000 SHAPE
 CONSTANT, U = 7.105420
 UNIT FEAR = 6.5143 LFS UNIT VOLUME = .9976 (C) (E) B = 526.28
 PBO = 2.2300
 AREA = .001650 SQ MI TA = .10000 INCHES JUL 22 1994 .04000 I
 INCHES PER HOUR

NUMBER COMPUTED BY INITIAL ABSTRACTION/INTERPOLATION NUMBER METHOD - DT
F .033330

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Ethan Allen ZONE ATLAS/DRNG, FILE#: F-22/12A
DRB #: _____ EPC #: _____ WORK ORDER #: _____
LEGAL DESCRIPTION: Parcel 1A-1 Property of Edmond Rady
CITY ADDRESS: _____

ENGINEERING FIRM: Mark Goodwin & Associates, PA CONTACT: John M. MacKenzie, PE
ADDRESS: PO Box 90606 PHONE: 345-2010
OWNER: Ethan Allen CONTACT: Alex Griego
ADDRESS: 7801 Academy NE PHONE: 828-9611
ARCHITECT: de la Torre - Rainhart CONTACT: Alex Griego
ADDRESS: 7801 Academy NE PHONE: 828-9611
SURVEYOR: Aldrich Land Surveying CONTACT: Tim Aldrich
ADDRESS: PO Box 30701 PHONE: 884-1990
CONTRACTOR: N/A CONTACT: _____
ADDRESS: _____ PHONE: _____

TYPE OF SUBMITTAL:

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

PRE-DESIGN MEETING:

X YES
X 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
X FOUNDATION PERMIT APPROVAL
X BUILDING PERMIT APPROVAL
____ CERTIFICATION OF OCCUPANCY APPROVAL
X GRADING PERMIT APPROVAL
____ PAVING PERMIT APPROVAL
____ S.A.D. DRAINAGE REPORT
____ DRAINAGE REQUIREMENTS
____ OTHER _____ (Specify)

DATE SUBMITTED: 9/22/94

BY: John M. MacKenzie
John M. MacKenzie, PE

SEP 22 1994



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

P.O. BOX 90606, ALBUQUERQUE, NM 87199
(505) 345-2010

September 22, 1994

Mr. Scott Davis
Hydrology Department
City of Albuquerque
P.O. Box 1293
Albuquerque, NM 87199

Re: Ethan Allen Grading and Drainage Plan, dated 9/21/94

Dear Mr. Davis:

This resubmittal is intended to address verbal comments after your review of our first drainage submittal.

It was apparent that your concerns were focused on the resulting impact of the increased developed flow and the existing occurrence of cross-lot drainage near the Montgomery access point to this property.

From AHYMO (see attached), the developed flow from this site is 1.63 cfs greater than the existing rate. While recognizing that this is a minimal increase, you asked that we still look at downstream conditions.

The flattest slope of Montgomery in this vicinity occurs downhill from our site, just before drain inlets to the Embudito Arroyo (see attached as-built drawings) at approximately 2.5%. One-half of the street capacity at this location is 54 cfs below the top of curb. Three drop inlets on the north side of the street, in addition to an open chute, collect street flows and discharge everything into the concrete lined Embudito Channel.

In addition, recent storm drain improvements in the Tramway/Montgomery intersection have prevented westbound flow crossing of the intersection. This has enhanced flow capacity of Montgomery downstream of our site.

The second focus of your concern appeared to be the cross-lot flow situation at the entrance to this site. As explained on the phone, the architect, George Rainhart, has indicated that a cross-lot drainage agreement would be easier to obtain from the new owner (sale expected to take place within 60 days) of the downstream carwash. We would like to see if this agreement can be submitted prior to the issuance of C.O. and with the engineer's certification. If the sale is not completed in time, we will redesign a device that involves a separation of our discharge water from the adjoining property.

If you need to contact me about these issues, I urge you to do so.

Sincerely,
MARK GOODWIN & ASSOCIATES, P.A.

John M. MacKenzie, P.E.

JMM/smr
Attachments

SEP 22 1994

AHYMO PROGRAM (AHYMO194) - AMAFCA Hydrologic Model - January, 1994
 RUN DATE (MON/DAY/YR) = 09/21/1994
 START TIME (HR:MIN:SEC) = 07:27:13 USER NO.= M_GOODWN.101
 INPUT FILE = ethan.dat

START TIME=0.0

***** HYDROGRAPH FOR ETHAN ALLEN

RAINFALL TYPE=1 RAIN QUARTER=0.0 IN

RAIN ONE=2.23 IN RAIN SIX=2.90 IN

RAIN DAY=3.65 IN DT=0.03333 HR

COMPUTED 6-HOUR RAINFALL DISTRIBUTION BASED ON NOAA ATLAS 2

- PEAK AT 1.40 HR.

DT =	.033330 HOURS	END TIME =	5.999400 HOURS
.0000	.0035	.0110	.0167
.0225	.0284	.0345	.0406
.0469	.0534	.0600	.0668
.0738	.0809	.0882	.0958
.1035	.1115	.1197	.1282
.1370	.1461	.1555	.1653
.1754	.1860	.1971	.2086
.2207	.2334	.2469	.2530
.2596	.2667	.2818	.3156
.3677	.4425	.5446	.6787
.8498	1.0629	1.3228	1.5642
1.6650	1.7500	1.8257	1.8946
1.9579	2.0168	2.0718	2.1233
2.1719	2.2176	2.2608	2.3018
2.3405	2.3773	2.4122	2.4453
2.4767	2.4850	2.4927	2.5002
2.5074	2.5143	2.5210	2.5275
2.5338	2.5400	2.5459	2.5518
2.5575	2.5630	2.5685	2.5738
2.5790	2.5841	2.5891	2.5940
2.5988	2.6036	2.6082	2.6128
2.6173	2.6218	2.6262	2.6305
2.6347	2.6389	2.6431	2.6471
2.6512	2.6552	2.6591	2.6630
2.6668	2.6706	2.6743	2.6780
2.6817	2.6853	2.6889	2.6925
2.6960	2.6995	2.7029	2.7063
2.7097	2.7131	2.7164	2.7197
2.7229	2.7262	2.7294	2.7325
2.7357	2.7388	2.7419	2.7450
2.7480	2.7511	2.7541	2.7570
2.7600	2.7629	2.7658	2.7687
2.7716	2.7745	2.7773	2.7801
2.7829	2.7857	2.7885	2.7912
2.7939	2.7966	2.7993	2.8020
2.8046	2.8073	2.8099	2.8125
2.8151	2.8177	2.8202	2.8228
2.8253	2.8279	2.8304	2.8329
2.8353	2.8378	2.8402	2.8427
2.8451	2.8475	2.8499	2.8523
2.8547	2.8571	2.8594	2.8618
2.8641	2.8664	2.8687	2.8710
2.8733	2.8756	2.8779	2.8801
2.8824	2.8846	2.8868	2.8890
2.8912	2.8934	2.8956	2.8978
2.9000			

***** UNDEVELOPED CONDITIONS

COMPUTE NM HYD ID=1 HYD NO=101.1 AREA=0.004125 SQ MI

PER A=20 PER B=0 PER C=40 PER D=40

K = .072649HR TP = .133300HR K/TP RATIO = .545000 SHAPE
 CONSTANT, N = 7.106420
 UNIT PEAK = 6.5143 CFS UNIT VOLUME = .9976 B = 526.28
 P60 = 2.2300
 AREA = .001600 SQ MI IA = .10000 INCHES INF = .04000 I
 NCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT
 = .033330

K = .126470HR TP = .133300HR K/TP RATIO = .948764 SHAPE
 CONSTANT, N = 3.725611
 UNIT PEAK = 6.2468 CFS UNIT VOLUME = .9980 B = 336.44
 P60 = 2.2300
 AREA = .002475 SQ MI IA = .45000 INCHES INF = 1.11000 I
 NCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT
 = .033330

PRINT HYD ID=1 CODE=1

PARTIAL HYDROGRAPH 101.10

RUNOFF VOLUME = 1.77074 INCHES = .3896 ACRE-FEET
 PEAK DISCHARGE RATE = 10.59 CFS AT 1.500 HOURS BASIN AREA =
 .0041 SQ. MI.

***** PROPOSED CONDITIONS

COMPUTE NM HYD ID=2 HYD NO=101.2 AREA=0.004125 SQ MI
 PER A=0 PER B=20 PER C=10 PER D=70
 TP=.1333 HR MASS RAINFALL=-1

K = .072649HR TP = .133300HR K/TP RATIO = .545000 SHAPE
 CONSTANT, N = 7.106420
 UNIT PEAK = 11.400 CFS UNIT VOLUME = .9984 B = 526.28
 P60 = 2.2300
 AREA = .002888 SQ MI IA = .10000 INCHES INF = .04000 I
 NCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT
 = .033330

K = .126470HR TP = .133300HR K/TP RATIO = .948764 SHAPE
 CONSTANT, N = 3.725611
 UNIT PEAK = 3.1234 CFS UNIT VOLUME = .9958 B = 336.44
 P60 = 2.2300
 AREA = .001238 SQ MI IA = .45000 INCHES INF = 1.11000 I
 NCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT
 = .033330

PRINT HYD ID=2 CODE=1

SEP 22 1994

PARTIAL HYDROGRAPH 101.20

RUNOFF VOLUME = 2.20607 INCHES . = .4853 ACRE-FEET
PEAK DISCHARGE RATE = 12.22 CFS AT 1.500 HOURS BASIN AREA =
.0041 SQ. MI.

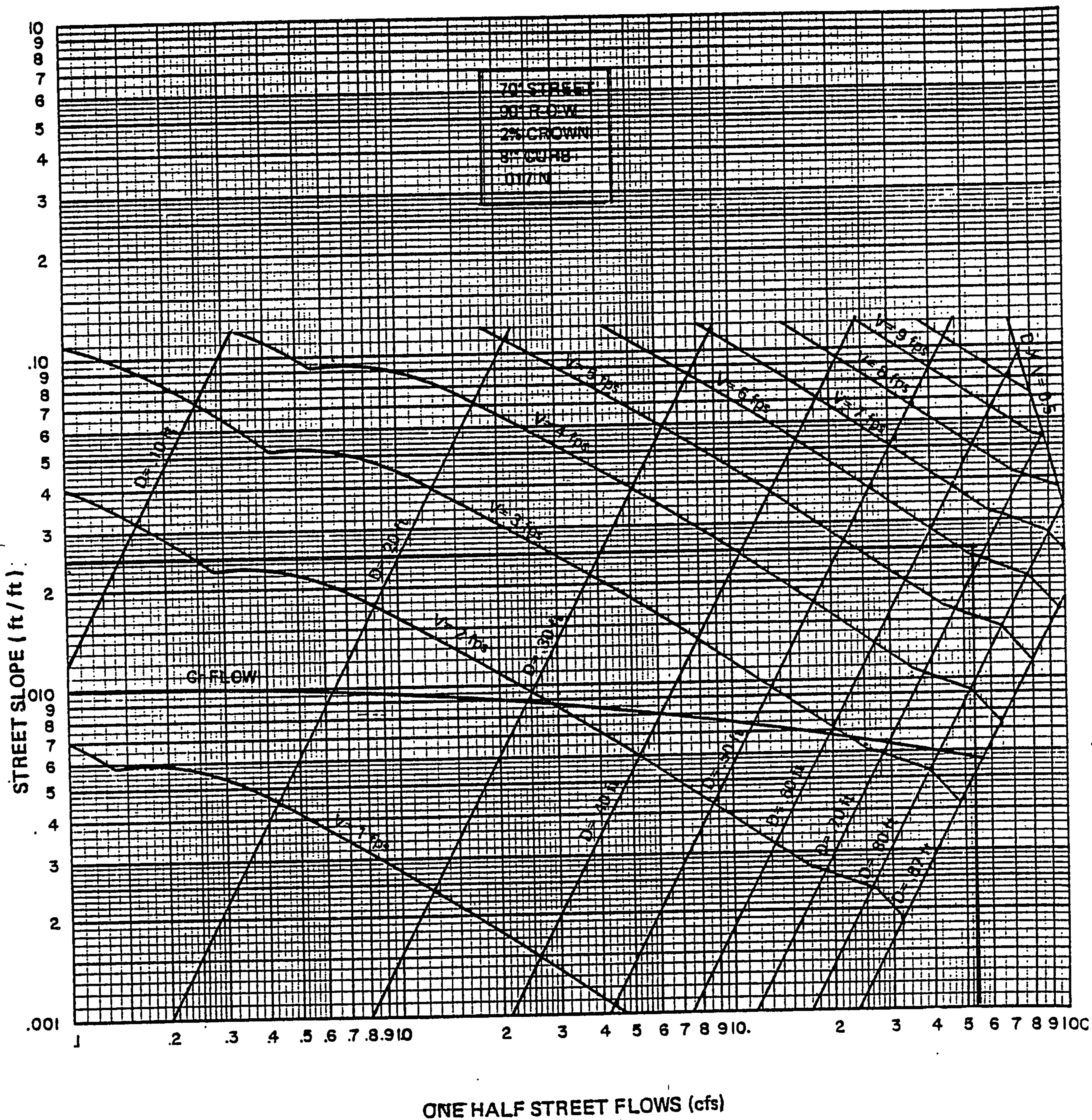
FINISH

NORMAL PROGRAM FINISH

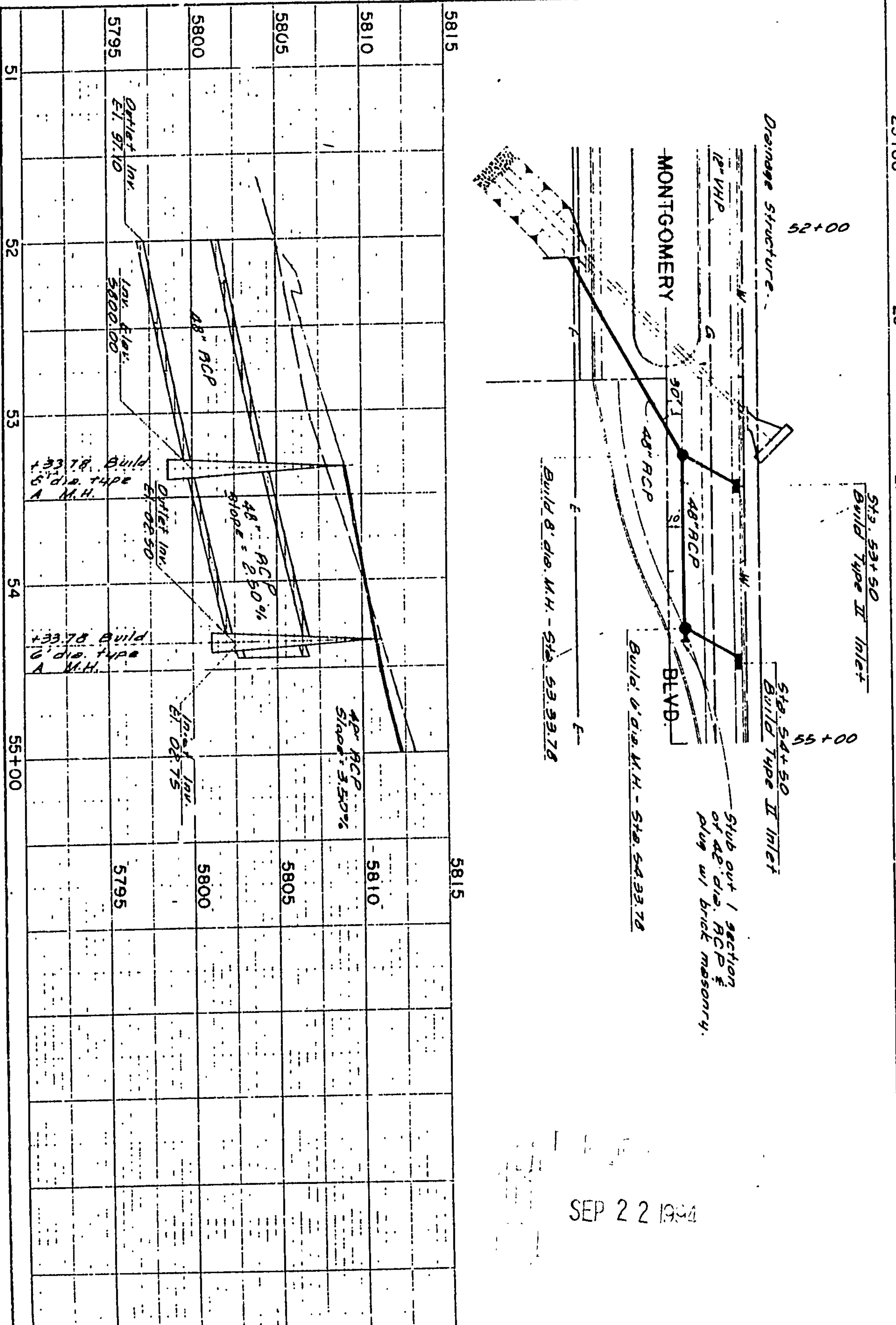
END TIME (HR:MIN:SEC) = 07:27:21

SEP 22 1994

STREET CAPACITY



DATE	BY	PROFILE
		SURVEYED
		NOTED
		GRADIENT CHECKED
		8 M'S NOTED
		STRUCTURE NOTED AS CHECKED



DRAWING NO. 42 R2

350-870

SEP 22 1994



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

Planning Department

Transportation Development Services Section

October 11, 2002

Knight Seavey, Reg. Architect
Insite Architecture & Development
57 Rock Point Place N.E.
Albuquerque, NM 87122

Re: Certification Submittal for Final Building Certificate of Occupancy for
Capital Aspects Office Bldg., [F-22 / D012A]
11601 Montgomery N.E.
Architect's Stamp, Dated – No stamp

Dear Mr. Seavey:

The faxed Letter of Certification submitted on October 10, 2002 is not sufficient for acceptance by this office for final Certificate of Occupancy (C.O.).

The Letter of Certification must be included with the TCL (or DRB Site Plan) submitted for Final C.O. The TCL needs to be an exact copy of the approved TCL in the plan set approved for building permit. This will be the latest edition, which may have redlined comments, initialled and dated by the designer-of-record. Another copy similar to the TCL is acceptable however, more time will be required to verify the copy before issuing the Final C.O. DRB Site Plans must be an exact copy, with DRB signature block on the plan. All documentation must be submitted with a completed Drainage and Transportation Information Sheet on every submittal, (also used for the Grading and Drainage submittal) to Hydrology at the Development Services Center front counter. Documents that are mailed in for a C.O. are not acceptable.

Resubmit new, acceptable Certification package to front counter personnel for log in and evaluation by Transportation.

Sincerely,

Mike Zamora, Commercial Plan Checker
Development and Building Services
Planning Department

c: Engineer
Hydrology file
Mike Zamora

DRAINAGE AND TRANSPORTATION INFORMATION SHEET
(REV. 1/11/2002)

PROJECT TITLE Capital Aspects Office Building ZONE MAP/DRG. FILE #: F-22 / D021A
DRB#: _____ EPC#: _____ WORK ORDER #: _____

LEGAL DESCRIPTION: Tract H-2, New Holiday Park Subdivision, Albuquerque, Bernalillo County, New Mexico
CITY ADDRESS: 11601 Montgomery Blvd. NE

ENGINEERING FIRM: Weiss Engineering CONTACT: Bryan Bobrick
ADDRESS: 1100 Alvarado NE PHONE: 266-3444
CITY, STATE: Albuquerque, NM ZIP CODE: 87110

OWNER: Ahmad & Faye Hashemian CONTACT: Ahmad Hashemian
ADDRESS: 11509 Montgomery, NE PHONE: 237-2000
CITY, STATE: Albuquerque, NM ZIP CODE: 87111

ARCHITECT: InSite Architecture + Development CONTACT: Knight Seavey, AIA
ADDRESS: 57 Rock Point Place NE PHONE: 858-1099
CITY, STATE: Albuquerque, NM ZIP CODE: 87122

SURVEYOR: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____
CITY, STATE: _____ ZIP CODE: _____

CONTRACTOR: The Springer Group CONTACT: Henry Pettine
ADDRESS: 5850 Eubank Blvd. NE PHONE: 480-2978
CITY, STATE: Albuquerque, NM ZIP CODE: 87111

TYPE OF SUBMITTAL:

☐ DRAINAGE REPORT
☐ DRAINAGE PLAN
☐ CONCEPTUAL GRADING & DRAINAGE PLAN
☐ GRADING PLAN
☐ EROSION CONTROL PLAN
☐ ENGINEER'S CERTIFICATION (HYDROLOGY)
☐ CLOMR/LOMR
☐ TRAFFIC CIRCULATION LAYOUT (TCL)
☒ ENGINEERS CERTIFICATION (TCL)
☐ ENGINEERS CERTIFICATION (DRB APPR. SITE PLAN)
☐ OTHER

CHECK TYPE OF APPROVAL SOUGHT:

☐ SIA/FINANCIAL GUARANTEE RELEASE
☐ PRELIMINARY PLAT APPROVAL
☐ S. DEV. PLAN FOR SUB'D. APPROVAL
☐ S. DEV. PLAN FOR BLDG. PRMT. APPROVAL
☐ SECTOR PLAN APPROVAL
☐ FINAL PLAT APPROVAL
☐ FOUNDATION PERMIT APPROVAL
☐ BUILDING PERMIT APPROVAL
☒ CERTIFICATE OF OCCUPANCY (PERM.)
☐ CERTIFICATE OF OCCUPANCY (TEMP.)
☐ GRADING PERMIT APPROVAL
☐ PAVING PERMIT APPROVAL
☐ WORK ORDER APPROVAL
☐ OTHER (SPECIFY) _____

WAS A PRE-DESIGN CONFERENCE ATTENDED:

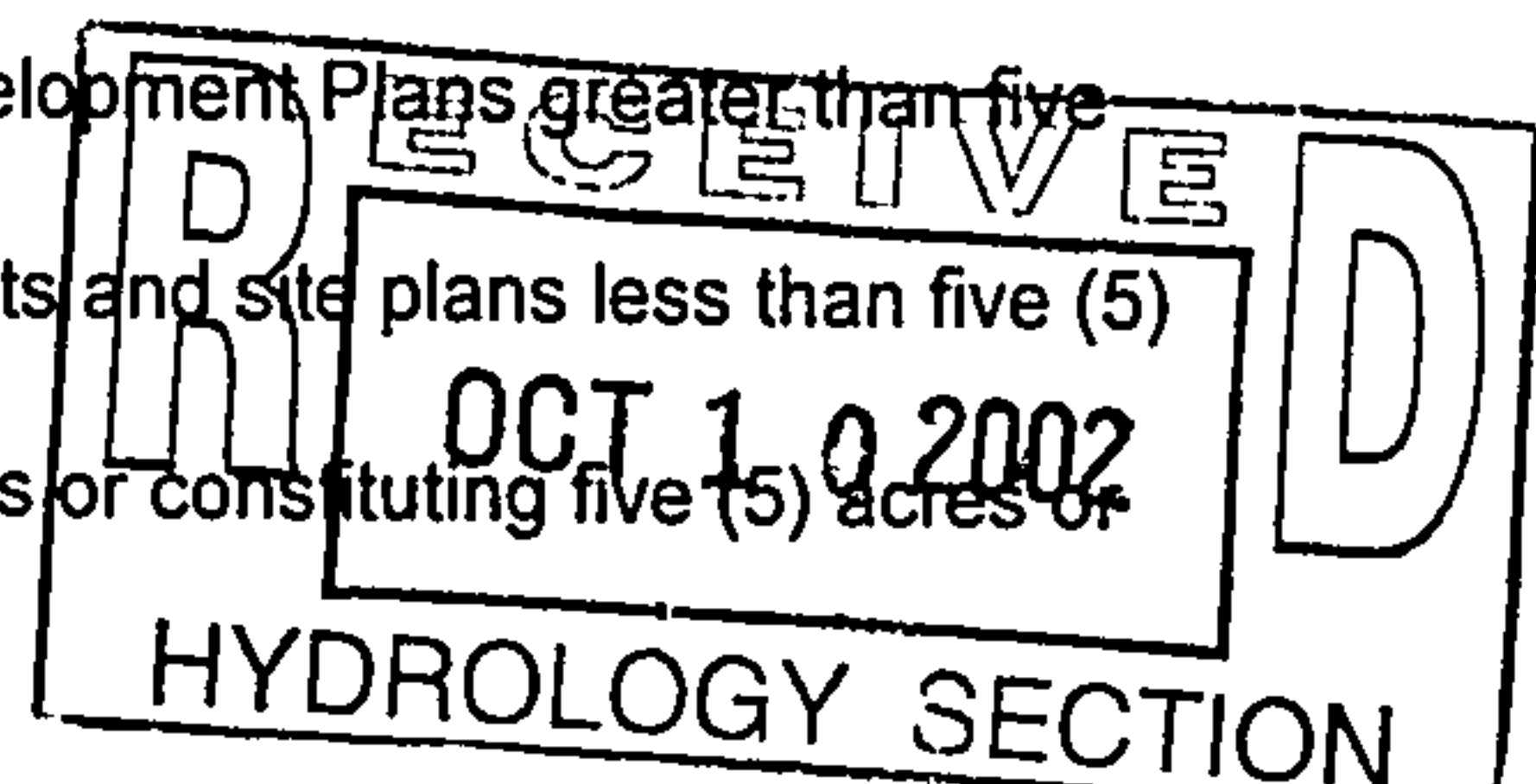
☐ YES
☐ NO
☐ COPY PROVIDED

DATE SUBMITTED: October 10, 2002

BY: Knight Seavey, AIA

Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location and scope of the proposed development defines the degree of drainage detail. One or more of the following levels of submittal may be required based on the following:

1. **Conceptual Grading and Drainage Plan:** Required for approval of Site Development Plans greater than five (5) acres and Sector Plans.
2. **Drainage Plans:** Required for building permits, grading permits, paving permits and site plans less than five (5) acres.
3. **Drainage Report:** Required for subdivisions containing more than ten (10) lots or constituting five (5) acres or more.



10/11/02 - Rej'd C.O., Need T.C.L.; 10/22 - Sent letter ; log



57 Rock Point Place NE
Albuquerque, NM 87122
(505) 858-0100 (main office)
(505) 991-5000 (jc direct)
(505) 858-1098 (fax)
jud@insiteworks.com

Fax Memo

To:	Mike Zamora – CABQ Transportation	From:	Jud Cervenak, AIA
Fax:	924-3967	Pages:	1
Phone:	924-3620	Date:	October 10, 2002
Re:	11601 Montgomery, NE	CC:	

☐ Urgent	☐ FYI	☐ For Comment	☐ Please Reply	☐ For File
---------------------------------	------------------------------	--------------------------------------	---------------------------------------	-----------------------------------

Mike,

We have inspected the construction of the Capital Aspects office building shell at 11601 Montgomery Blvd. NE and certify that the parking and traffic improvements were constructed in substantial conformance with the drawings for this project approved by the City of Albuquerque.

Please call me at 991-5000 if you have any questions.

Thank you.

Jud Cervenak

