

Mesa Repro.

DEVELOPMENT & BUILDING SERVICE CENTER
ONE STOP

600 SECOND ST. N.W./2ND FLOOR

ATTENTION: Brad

505-924-3900

Records Withdrawal Form

Project No. L23 D17

Date: 3/20/02

Project Title: Creekside West Subdivision

a. File b. Mylars c. Redlines/Comments

d. Other drainage file

Kunney & Hapka

Requested By: Susan M Hapka Phone No.: 505-243-2800

Company

Comments: Copies of correspondence
one copy each

Anticipated Return Date: 4/21/02

Receipt Acknowledged

I here by accept full responsibility for the security of the above noted records/plans until return receipt acknowledgement is completed. Records/plans will be returned to the Development & Building Services Center on or before the indicated anticipated return date.

Delivery Picked Up By:

Name: Mesa Reprographics
PASCUAL ALCANTAR
Print

Organization: 4-1-02

Signed: PA
Phone No. 262-2046

Date: APR 01 2002
HYDROLOGY SECTION

Office Use Only

Return Acknowledged

Received by: _____ Date: _____
Print

23
~~23~~ - 8 1/2 x 11

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Creekside West Subdivision ZONE ATLAS/DRNG, FILE#: L-23/2012
DRB #: 94-122 EPC #: 2-94-27 WORK ORDER #: _____
LEGAL DESCRIPTION: Tract H, North Four Hills
CITY ADDRESS: Carmellia and Poinsettia

ENGINEERING FIRM: Mark Goodwin & Associates, PA CONTACT: Mark Goodwin, PE
ADDRESS: P.O. Box 90606 87199 PHONE: 828-2200
OWNER: Joe Boyden CONTACT: Joe Boyden
ADDRESS: P.O. Box 199, Cedar Crest 87008 PHONE: 281-4368
ARCHITECT: N/A CONTACT: _____
ADDRESS: _____ PHONE: _____
SURVEYOR: Aldrich Land Surveying CONTACT: Tim Aldrich
ADDRESS: P.O. 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

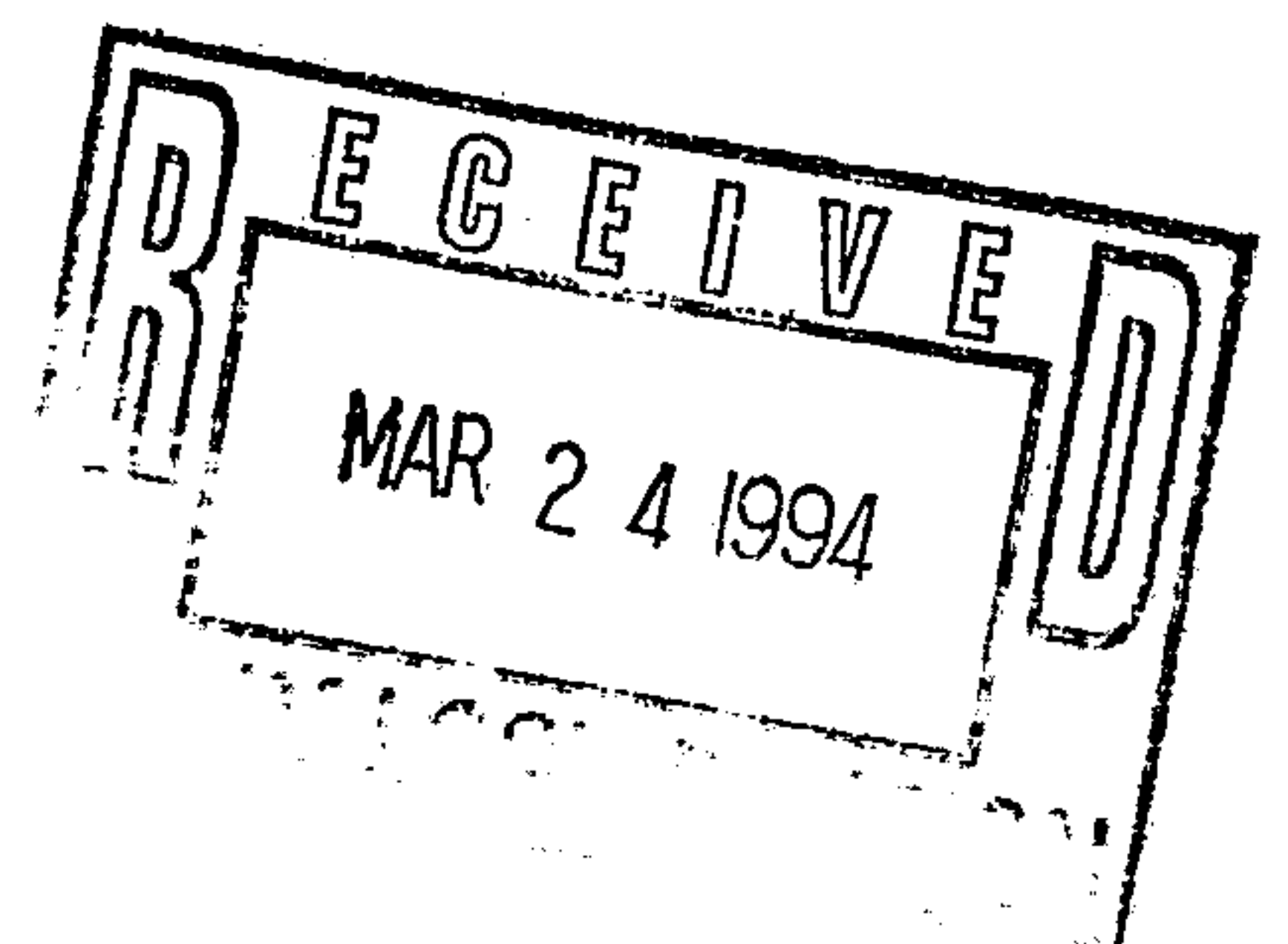
PRE-DESIGN MEETING:

☐ YES
☒ NO
☐ COPY PROVIDED

☐ 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: 3/24/94

BY: John M. MacKenzie
John M. MacKenzie





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

P.O. BOX 90606, ALBUQUERQUE, NM 87199
(505) 828-2200

March 24, 1994

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

Re: Grading and Drainage Approval for Final Plat on Creekside West (L-23/D17)

Dear Mr. Davis:

In a letter to us dated December 29, 1993, you gave Site Development Plan approval but indicated several issues would need to be addressed. With our revised plan we intend to address these issues as follows:

1. A statement preventing owners from altering the configuration and character of their backyard ponds has been added to the plan (note 8).
2. The existing storm drain and its easement along Waterfall Drive now appears more clearly on the drawing.
3. All side and front yards on all of the lots within this subdivision will drain toward the street, including Lot 4.
4. Proposed elevations have been located along the property line adjacent to these ponds. At least 12 inches additional freeboard now exists between the pond water surface and the grade along the property line.
5. All driveways are now shown on the plan.
6. Note 8 has been added to the plan to ensure the grading scheme will not be compromised.

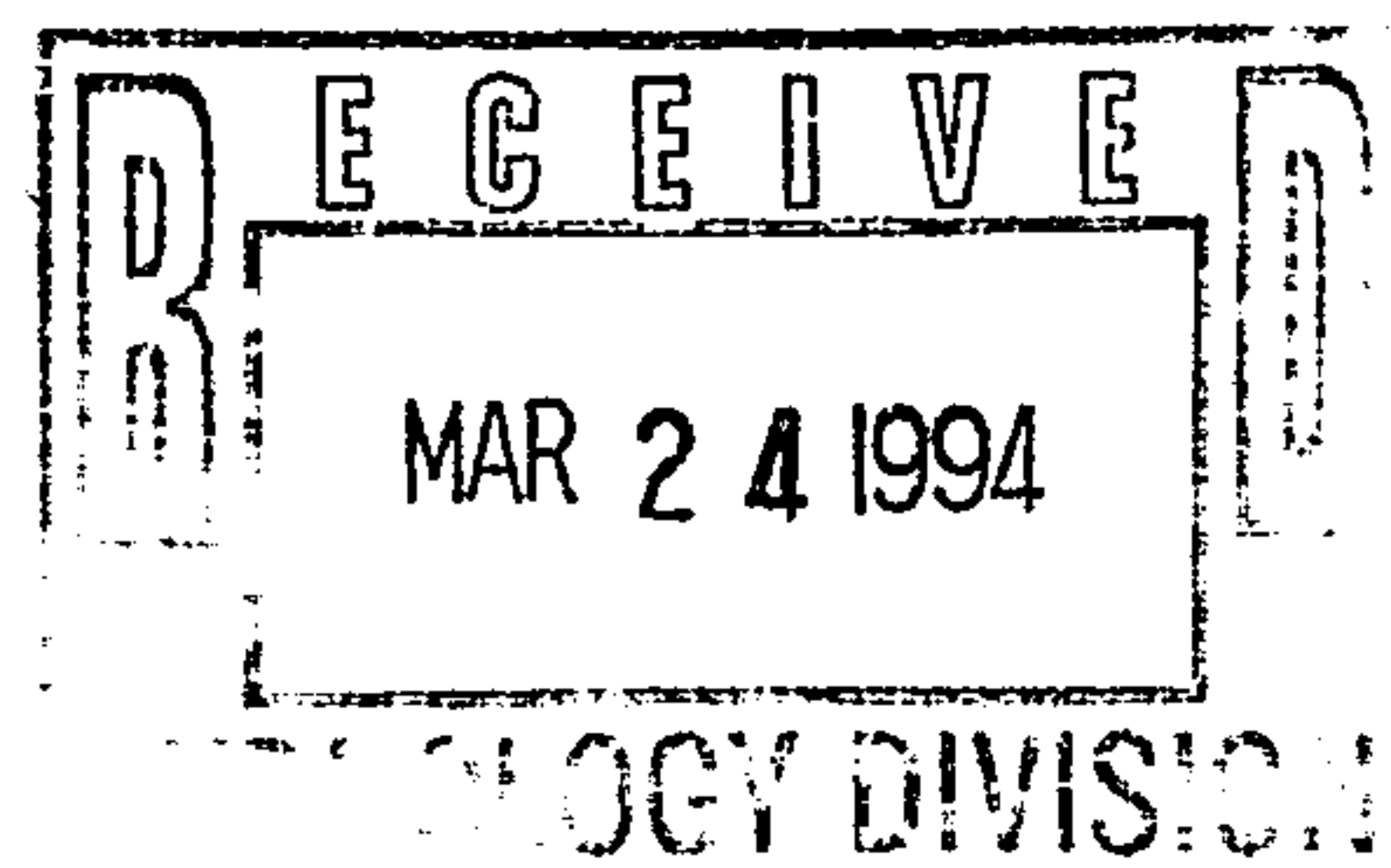
If you need any further clarification of this plan, please contact me.

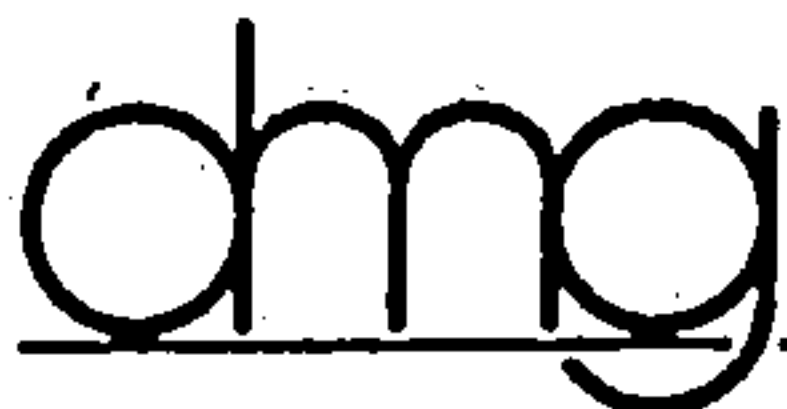
Sincerely,

MARK GOODWIN & ASSOCIATES, P.A.

John M. MacKenzie, P.E.

JMM/smr





D. Mark Goodwin & Associates, P.A.
Consulting Engineers and Surveyors
P.O. BOX 90606, ALBUQUERQUE, NM 87199
(505) 828-2200

March 8, 1994

Mr. Morteza Jafari
North Four Hills Limited Partnership
10832 Prospect NE #F
Albuquerque, NM 87111

Re: **Tract H Off-Site Grading**

Dear Mr. Jafari:

As a result of the anticipated development of Tract H, North Four Hills, we find it necessary to request permission from you to perform related grading on Lot 20, Block 1, of the North Four Hills Subdivision for the benefit of the southern end of Tract H, as shown on the grading plan entitled "Creekside West" by Mark Goodwin and Associates, PA, dated February 1994.

By signing this agreement, you have verified your position as title holder of Lot 20, Block 1, North Four Hills Subdivision, and that you grant permission to the future owner of Tract H to perform the referenced grading.

Sincerely,

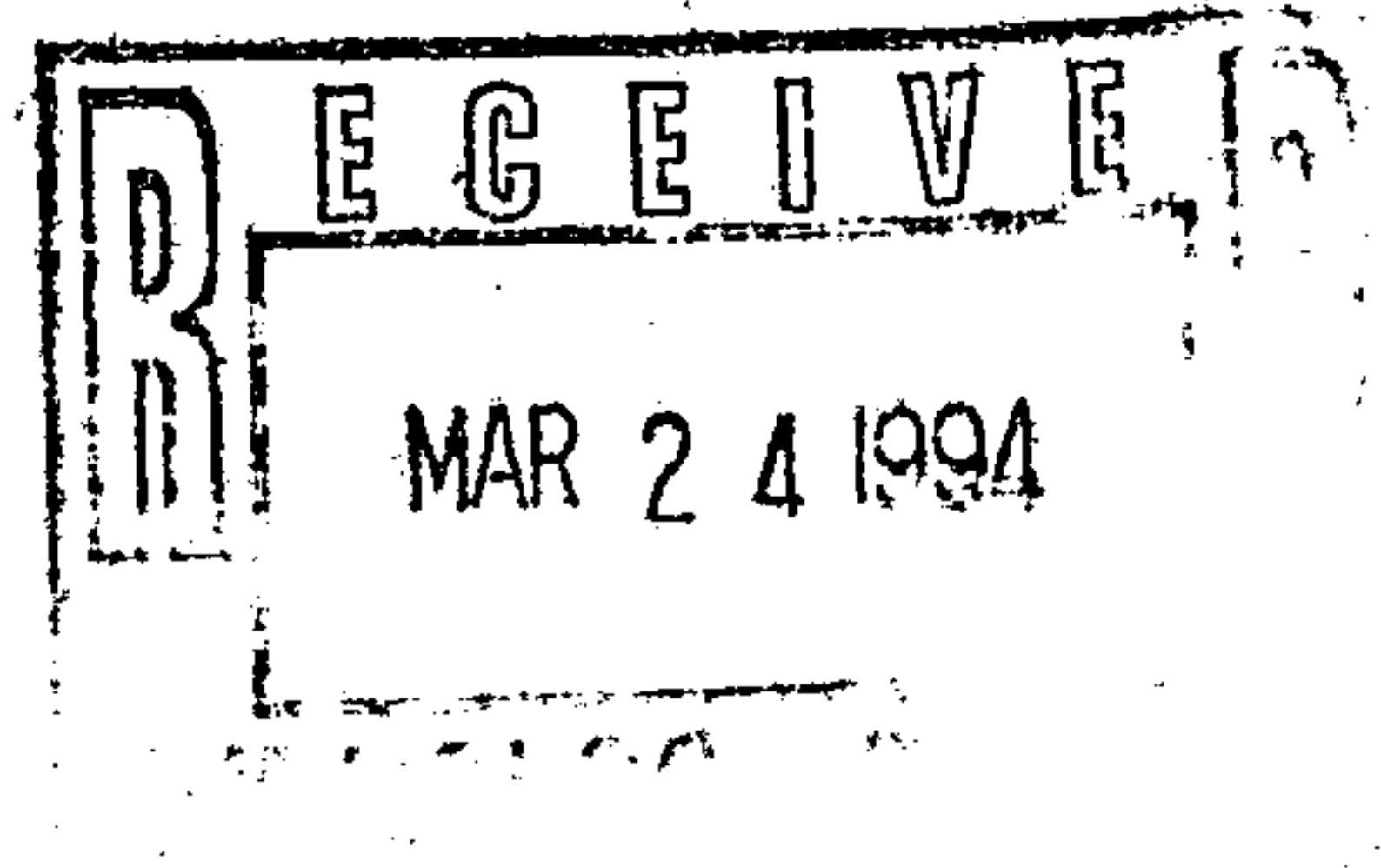
MARK GOODWIN & ASSOCIATES, P.A.

John M. MacKenzie, P.E.

JMM/smr

3/10/94

Morteza Jafari / Date
Managing General Partner
North Four Hills Limited Partnership





D. MARK GOODWIN & ASSOC.
CONSULTING ENGINEERS

JOB Creekside West

SUBJECT Drainage

JOB NO. _____

SHEET 1 OF _____

BY JMM

DATE 3/23/94

CHECKED _____

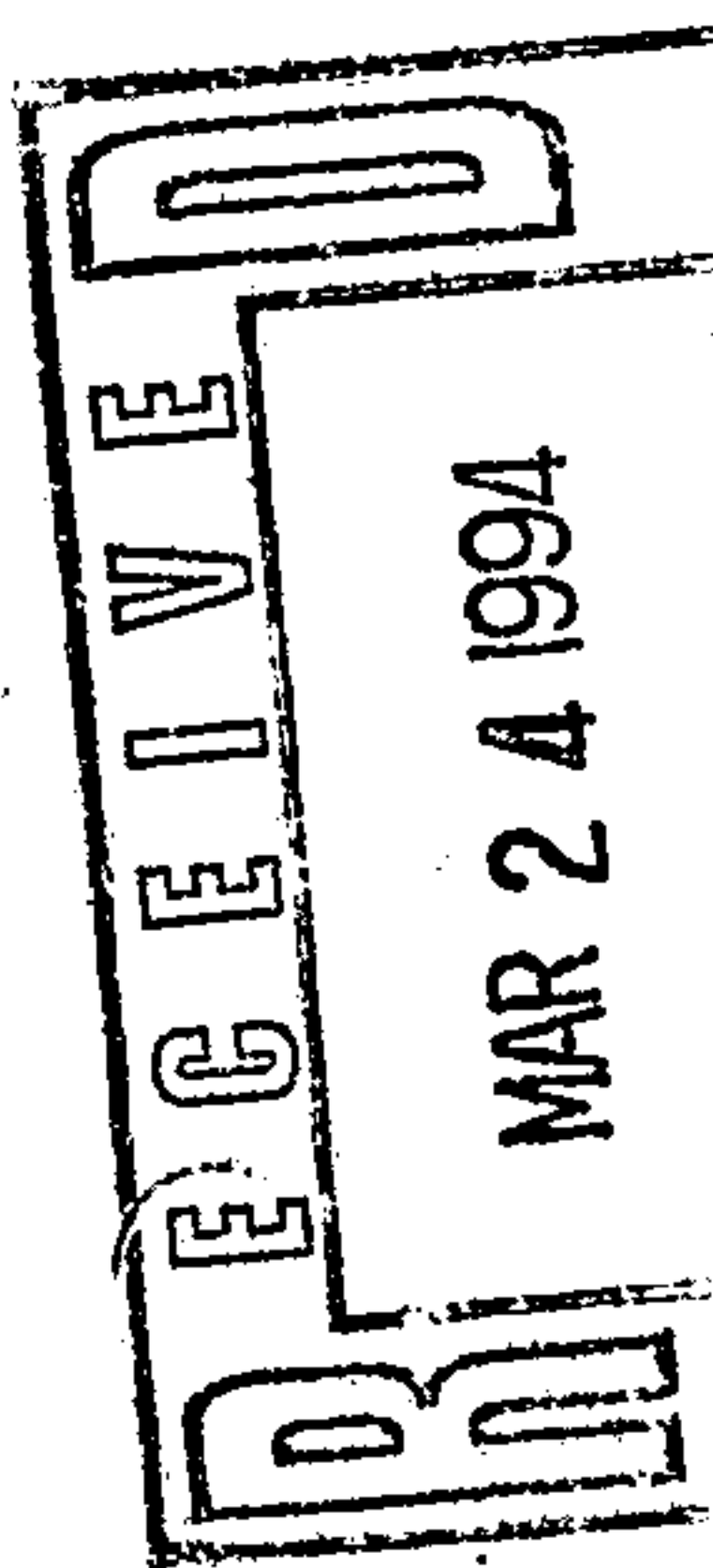
DATE _____

REAR YARD PONDS

Lot 1 The rear yard pond from lot 1 will be eliminated because adequate slope exists in the rear yard to sufficiently convey runoff toward waterfall Dr.

Lot 2 The rear yard of lot 2 will have a pond to collect only rear yard runoff. The total volume generated within lot 2 is 1389 ft^3 (from AH4mo). Since 40% of this falls in the rear yard, the pond will be required to hold 556 ft^3 . Based upon the existing dimensions of this pond at a depth of 2 feet, it can retain 584 ft^3 .

Lot 3 Area of the rear yard of lot 3 is approximately 40% of the total volume generated on lot 3. The pond to collect this runoff would have a capacity of at least 532 ft^3 . At 2 ft deep, the pond shown on the plan will have a capacity of 545 ft^3 based upon its surface area at elevation 62 of 500 ft^2 and its area at 2' below the surface of 45 ft^2 .



HYMO PROGRAM (AHYMO392) - AMFCA VERSION OF HYMO - MARCH, 1992
RUN DATE (MON/DAY/YR) = 03/16/1994
START TIME (HR:MIN:SEC) = 13:35:55
INPUT FILE = CRKW.DAT
USER NO. = Z_GOODWN.S92

START
TIME=0.0
***** HYDROGRAPH FOR CREEKSIDE WEST
RAINFALL
TYPE=1 RAIN QUARTER=0.0 IN

RAIN ONE=2.14 IN RAIN SIX=2.60 IN
RAIN DAY=3.10 IN DT=0.03333 HR

COMPUTED 6-HOUR RAINFALL DISTRIBUTION BASED ON NOAA ATLAS 2 - PEAK AT 1.40 H

DT = .033330 HOURS
END TIME = 5.999400 HOURS

.0000	.0027	.0055	.0084	.0113	.0143	.0173
.0204	.0236	.0269	.0302	.0337	.0372	.0408
.0445	.0484	.0523	.0564	.0606	.0649	.0694
.0741	.0789	.0839	.0892	.0946	.1003	.1063
.1126	.1192	.1262	.1322	.1385	.1452	.1597
.1922	.2422	.3139	.4119	.5407	.7049	.9093
1.1588	1.3904	1.4871	1.5687	1.6414	1.7074	1.7683
1.8247	1.8775	1.9270	1.9735	2.0174	2.0589	2.0982
2.1354	2.1707	2.2041	2.2359	2.2661	2.2737	2.2807
2.2875	2.2939	2.3001	2.3060	2.3117	2.3172	2.3226
2.3277	2.3328	2.3376	2.3423	2.3470	2.3514	2.3558
2.3601	2.3643	2.3683	2.3723	2.3762	2.3801	2.3838
2.3875	2.3911	2.3947	2.3982	2.4016	2.4050	2.4083
2.4115	2.4147	2.4179	2.4210	2.4241	2.4271	2.4301
2.4330	2.4359	2.4388	2.4416	2.4444	2.4472	2.4499
2.4526	2.4553	2.4579	2.4605	2.4631	2.4656	2.4681
2.4706	2.4731	2.4755	2.4779	2.4803	2.4827	2.4850
2.4873	2.4896	2.4919	2.4942	2.4964	2.4986	2.5008
2.5030	2.5052	2.5073	2.5094	2.5115	2.5136	2.5157
2.5177	2.5198	2.5218	2.5238	2.5258	2.5277	2.5297
2.5317	2.5336	2.5355	2.5374	2.5393	2.5412	2.5430
2.5449	2.5467	2.5486	2.5504	2.5522	2.5540	2.5557
2.5575	2.5593	2.5610	2.5627	2.5645	2.5662	2.5679
2.5696	2.5713	2.5729	2.5746	2.5762	2.5779	2.5795
2.5811	2.5828	2.5844	2.5860	2.5876	2.5891	2.5907
2.5923	2.5938	2.5954	2.5969	2.5984	2.6000	

***** HYDROGRAPH FOR THE RUNOFF FROM LOT 1
COMPUTE NH HYD
ID=1 HYD NO=101.1 AREA=0.000425 SQ MI
PER A=0 PER B=30 PER C=25 PER D=45
TP=0.1333 HR MASS RAINFALL=-1

K = .072649HR TP = .133300HR K/TIP RATIO = .545000 SHAPE CONSTANT, N =
7.106420
UNIT PEAK = .75507 CFS UNIT VOLUME = .9840 B = 526.28 P60 = 2.14
AREA = .000191 SQ MI IA = .10000 INCHES INF = .04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = .033330

AREA = .000178 SQ MI IA = .10000 INCHES INF = .04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = .033330

3.758405 K = .125408HR TP = .133300HR K/TP RATIO = .940796 SHAPE CONSTANT, N =
UNIT PEAK = .36935 CFS UNIT VOLUME = .9650 B = 338.73 P60 = 2.14

00 AREA = .000145 SQ MI IA = .45000 INCHES INF = 1.11000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = .033330

PRINT HYD ID=3 CODE=1

PARTIAL HYDROGRAPH 101.30

~~RUNOFF VOLUME = 1.75909 INCHES = .0303 ACRE-Feet~~
~~PEAK DISCHARGE RATE = .86 CFS AT 1.500 HOURS BASIN AREA = .0003 SQ. MI.~~

***** HYDROGRAPH THE RUNOFF FROM LOT 4
COMPUTE NM HYD ID=4 HYD NO=101.4 AREA=0.000907 SQ MI
PER A=0.0 PER B=30.0 PER C=25.0 PER D=45.0
TP=0.1333 HR MASS RAINFALL=-1

7.106420 K = .072649HR TP = .133300HR K/TP RATIO = .545000 SHAPE CONSTANT, N =
00 UNIT PEAK = 1.6114 CFS UNIT VOLUME = .9922 B = 526.28 P60 = 2.14

AREA = .000408 SQ MI IA = .10000 INCHES INF = .04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = .033330

3.854887 K = .122409HR TP = .133300HR K/TP RATIO = .918296 SHAPE CONSTANT, N =
00 UNIT PEAK = 1.2925 CFS UNIT VOLUME = .9902 B = 345.38 P60 = 2.14

AREA = .000499 SQ MI IA = .43182 INCHES INF = 1.05909 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = .033330

PRINT HYD ID=4 CODE=1

PARTIAL HYDROGRAPH 101.40

~~RUNOFF VOLUME = 1.65038 INCHES = .0298 ACRE-Feet~~
~~PEAK DISCHARGE RATE = 2.28 CFS AT 1.500 HOURS BASIN AREA = .0009 SQ. MI.~~

FINISH

NORMAL PROGRAM FINISH

END TIME (HR:MIN:SEC) = 13:36:02

3.854887
00
K = .122409HR TP = .133300HR K/TP RATIO = .918296 SHAPE CONSTANT, N =
UNIT PEAK = .60564 CFS UNIT VOLUME = .9774 B = 345.38 P60 = 2.14
AREA = .000234 SQ MI IA = .43182 INCHES INF = 1.05909 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = .033330

PRINT HYD ID=1 CODE=1

PARTIAL HYDROGRAPH 101.10

RUNOFF VOLUME = 1.65038 INCHES = .0374 ACRE-Feet
PEAK DISCHARGE RATE = 1.08 CFS AT 1.500 HOURS BASIN AREA = .0004 SQ. MI.

***** HYDROGRAPH FOR THE RUNOFF FROM LOT 2
COMPUTE NM HYD ID=2 HYD NO=101.2 AREA=0.000340 SQ MI
PER A=0 PER B=30 PER C=15 PER D=55
TP=0.1333 HR MASS RAINFALL=-1

7.106420
00
K = .072649HR TP = .133300HR K/TP RATIO = .545000 SHAPE CONSTANT, N =
UNIT PEAK = .73829 CFS UNIT VOLUME = .9840 B = 526.28 P60 = 2.14
AREA = .000187 SQ MI IA = .10000 INCHES INF = .04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = .033330

3.758405
00
K = .125408HR TP = .133300HR K/TP RATIO = .940796 SHAPE CONSTANT, N =
UNIT PEAK = .38879 CFS UNIT VOLUME = .9650 B = 338.73 P60 = 2.14
AREA = .000153 SQ MI IA = .45000 INCHES INF = 1.11000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = .033330

PRINT HYD ID=2 CODE=1

PARTIAL HYDROGRAPH 101.20

RUNOFF VOLUME = 1.75909 INCHES = .0319 ACRE-Feet
PEAK DISCHARGE RATE = .90 CFS AT 1.500 HOURS BASIN AREA = .0003 SQ. MI.

***** HYDROGRAPH FOR THE RUNOFF FROM LOT 3
COMPUTE NM HYD ID=3 HYD NO=101.3 AREA=0.000323 SQ MI
PER A=0 PER B=30 PER C=15 PER D=55
TP=0.1333 HR MASS RAINFALL=-1

7.106420
00
K = .072649HR TP = .133300HR K/TP RATIO = .545000 SHAPE CONSTANT, N =
UNIT PEAK = .70137 CFS UNIT VOLUME = .9840 B = 526.28 P60 = 2.14
AREA = .000178 SQ MI IA = .10000 INCHES INF = .04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = .033330

3.758405
K = .125408HR TP = .133300HR K/TP RATIO = .940796 SHAPE CONSTANT, N =

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Creekside West Subdivision ZONE ATLAS/DRNG, FILE#: L-23/A17
DRB #: _____ EPC #: _____ WORK ORDER #: _____
LEGAL DESCRIPTION: Tract H, North Four Hills
CITY ADDRESS: Carmellia and Poinsettia

ENGINEERING FIRM: Mark Goodwin & Associates, PA CONTACT: Mark Goodwin, PE
ADDRESS: P.O. Box 90606 PHONE: 828-2200
OWNER: Joe Boyden CONTACT: Joe Boyden
ADDRESS: P.O. Box 199, Cedar Crest 87008 PHONE: 281-4368
ARCHITECT: N/A CONTACT: _____
ADDRESS: _____ PHONE: _____
SURVEYOR: Aldrich Land Surveying CONTACT: Tim Aldrich
ADDRESS: P.O. 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:

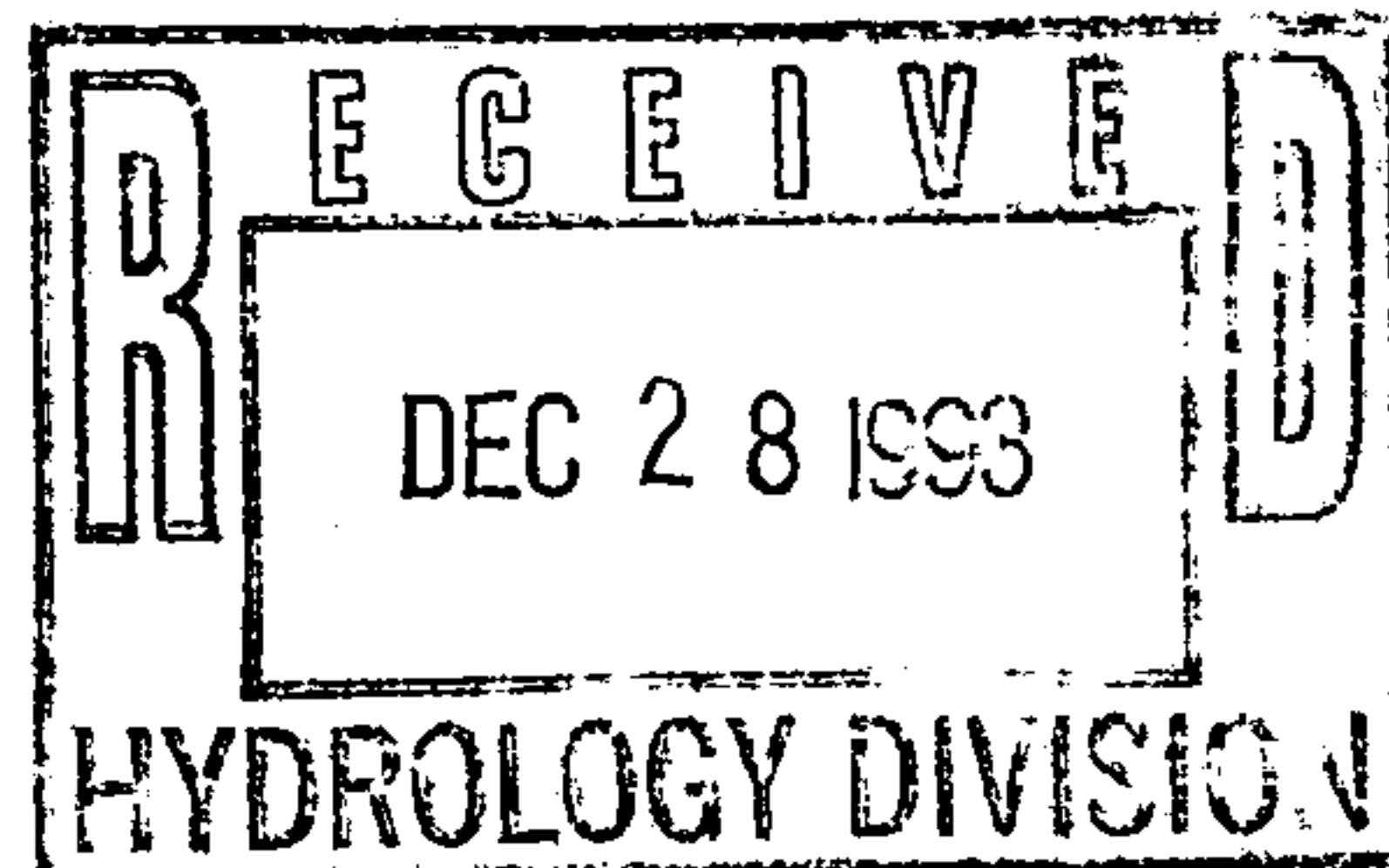
☐ YES
☒ NO
☐ COPY PROVIDED

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: 12/30/93

BY: Mark Goodwin
Mark Goodwin, PE





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

PROJECT CREEKSIDE West
SUBJECT Drainage
BY MG DATE 12/20/93
CHECKED _____ DATE _____
SHEET 1 OF 1

CREEKSIDE West consists of a 4 lot Re-plot of Tract H, N. Four Hills Subdivision. We recently re-computed the structure and street capacities including where these lots drain using AUTVADO for a Project called "Serenity @ N. Four Hills".

Therefore, we will only compute the volume necessary for the Rear Yard Ponds on Proposed lots 1-3. Only the rear yards will drain to ponds. Roofs & Drives will drain to streets.

Zone 3

$P_1 = 2.14$ in. $P_2 = 2.40$ in $P_{24} = 3.10$ in

Land Treatment = 100% C

From Attached AUTVADO Run: Vol. = 600 cu. Ft.

Given a Pond Depth = 1.50' we need a 10' x 40' Pond Area.

START TIME=0.0
***** HYDROGRAPH FOR CREEKSIDE WEST -- POND VOLUMES
RAINFALL TYPE=1 RAIN GUAGE=0.0 IN
RAIN ONE=2.14 IN RAIN SIX=2.60 IN
RAIN DAY=3.10 IN DT=0.03333 HR
COMPUTE NM HYD ID=1 HYD NO=101.1 AREA=0.000200 SQ MI
PER A=0 PER B=0 PER C=100 PER D=0
TP=0.1333 HR MASS RAINFALL=-1
PRINT HYD ID=1 CODE=1
FINISH

AHYND PROGRAM (AHYND0392) - AMAFCA VERSION OF HYND - MARCH, 1992
 RUN DATE (MON/DAY/YR) = 12/20/1993
 START TIME (HR:MIN:SEC) = 09:24:23 USER NO. = Z_GOODWN.592
 INPUT FILE = WM1.DAT

START TIME=0.0

***** HYDROGRAPH FOR CREEKSIDE WEST - POND VOLUMES

RAINFALL TYPE=1 RAIN QUARTER=0.0 IN

RAIN ONE=2.14 IN RAIN SIX=2.60 IN

RAIN DAY=3.10 IN DT=0.03333 HR

COMPUTED 6-HOUR RAINFALL DISTRIBUTION BASED ON NOAA ATLAS 2

- PEAK AT 1.40 HR.

DT = .033333 HOURS			END TIME = 5.999400 HOURS			
.0000	.0027	.0055	.0084	.0113	.0143	.0173
.0204	.0235	.0269	.0302	.0337	.0372	.0408
.0445	.0484	.0523	.0564	.0606	.0649	.0694
.0741	.0789	.0839	.0892	.0946	.1003	.1063
.1126	.1192	.1262	.1322	.1385	.1452	.1597
.1922	.2422	.3139	.4119	.5407	.7049	.9093
1.1588	1.3904	1.4871	1.5687	1.6414	1.7074	1.7683
1.8247	1.8775	1.9270	1.9735	2.0174	2.0589	2.0982
2.1354	2.1707	2.2041	2.2359	2.2661	2.2737	2.2807
2.2875	2.2939	2.3001	2.3060	2.3117	2.3172	2.3226
2.3277	2.3328	2.3376	2.3423	2.3470	2.3514	2.3558
2.3601	2.3643	2.3683	2.3723	2.3762	2.3801	2.3838
2.3875	2.3911	2.3947	2.3982	2.4016	2.4050	2.4083
2.4115	2.4147	2.4179	2.4210	2.4241	2.4271	2.4301
2.4330	2.4359	2.4388	2.4416	2.4444	2.4472	2.4499
2.4526	2.4553	2.4579	2.4605	2.4631	2.4656	2.4681
2.4706	2.4731	2.4755	2.4779	2.4803	2.4827	2.4850
2.4873	2.4896	2.4919	2.4942	2.4964	2.4986	2.5008
2.5030	2.5052	2.5073	2.5094	2.5115	2.5136	2.5157
2.5177	2.5198	2.5218	2.5238	2.5258	2.5277	2.5297
2.5317	2.5336	2.5355	2.5374	2.5393	2.5412	2.5430
2.5449	2.5467	2.5486	2.5504	2.5522	2.5540	2.5557
2.5575	2.5593	2.5610	2.5627	2.5645	2.5662	2.5679
2.5696	2.5713	2.5729	2.5746	2.5762	2.5779	2.5795
2.5811	2.5828	2.5844	2.5860	2.5876	2.5891	2.5907
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COMPUTE NM HYD ID=1 HYD NO=101.1 AREA=0.000200 SQ MI

PER A=0 PER B=0 PER C=100 PER D=0

TP=0.1333 HR MASS RAINFALL=-1

K = .108312HR TP = .133300HR K/TP RATIO = .817047 SHAPE
 CONSTANT, N = 4.373949
 UNIT FLOW = .56921 CFS UNIT VOLUME = .9785 B = 379.38
 P60 = 2.1400
 AREA = .000200 SQ MI IA = .35000 INCHES INF = .83000 I
 NCHES PER HOUR
 RUNTIME CONTROLLED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT

PRINT HYD

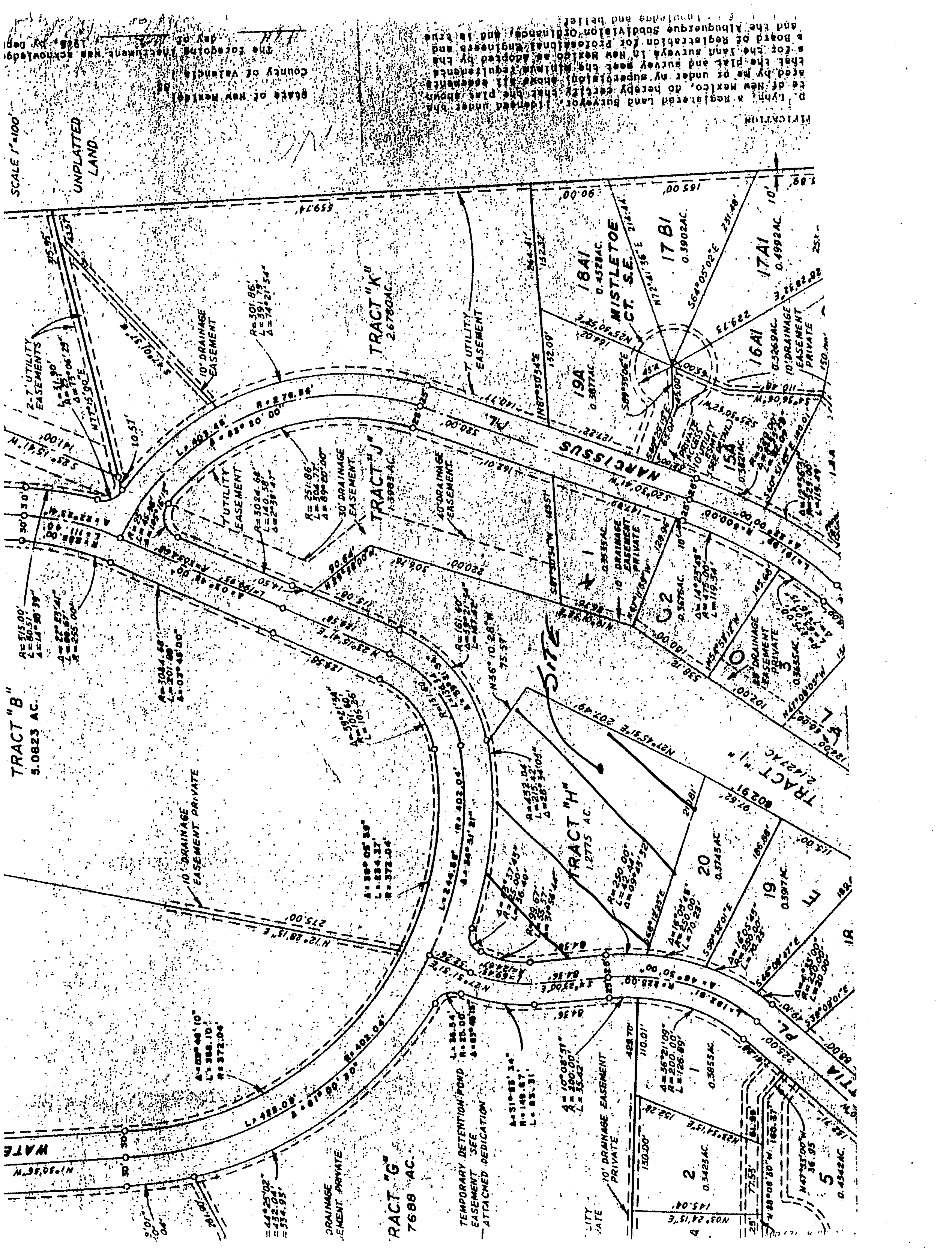
ID=1 CODE=1

PARTIAL HYDROGRAPH 101.10

RUNOFF VOLUME = 1.29002 INCHES = .0138 ACRE-FOOT
PEAK OF FLOOD RATE = .45 CFS AT 1.500 HOURS BASIN AREA =
.0002 SQ. MI.

FINISH

NORMAL PROGRAM FINISH END TIME (HR:MIN:SEC) = 09:34:23



9/7/94

Engr. will resubmit
after southerly pond
is graded to acceptable
depth.

Scott [Signature]



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

December 29, 1993

Mr. Mark Goodwin
Mark Goodwin & Assoc.
P.O. Box 90606
Albuquerque, NM 87199

RE: SITE DEVELOPMENT PLAN APPROVAL FOR CREEKSIDE WEST SUBDIVISION (L-23/D17)
ENGINEER'S STAMP DATED 12/23/93

Dear Mr. Goodwin:

Based upon the information contained within your December 28 submittal, the referenced Site Development Plan is approved. Prior to obtaining additional project approvals there are several items you need to address:

1. How do you propose to ensure that future property owners will maintain the intended rear yard drainage pattern including the ponds themselves?
2. The existing storm drain easement along Waterfall Drive needs to be clearly labeled.
3. You mention that everything except the back yards will drain to the street on lots 1-3. Is this also the case for the other lot adjacent to the Open Space (roof drains to front)?
4. Additional proposed elevations are needed along the rear of the lots with the backyard ponds. I am concerned that there is sufficient elevation differential to ensure that water does not leave the ponding area and impact the adjacent lot and Open Space area. As shown on your plan, the southernmost lot has a definite problem.
5. Driveway locations need to be shown.
6. On the lot adjacent to the Open Space, how do you propose to ensure that future lot owners will not alter or make additions which would concentrate flows to the Open Space area?

PUBLIC WORKS DEPARTMENT

Again, I approve of your proposed drainage plan, however, I will be interested in seeing my concerns addressed on future submittals. If you have any questions, feel free to call me at 768-3622.

Sincerely,



Scott Davis
PWD, Hydrology Division

xc: ~~file~~

WP+ 8193

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Creekside West Subdivision ZONE ATLAS/DRNG, FILE #: L-23/D17
DRB #: 94-122 EPC #: 2-94-27 WORK ORDER #: _____
LEGAL DESCRIPTION: Tract H, North Four Hills
CITY ADDRESS: Carmellia and Polnsettia

ENGINEERING FIRM: <u>Mark Goodwin & Associates, PA</u>	CONTACT: <u>Mark Goodwin, PE</u>
ADDRESS: <u>P.O. Box 90606 87199</u>	PHONE: <u>828-2200</u>
OWNER: <u>Joe Boyden</u>	CONTACT: <u>Joe Boyden</u>
ADDRESS: <u>P.O. Box 199, Cedar Crest 87008</u>	PHONE: <u>281-4368</u>
ARCHITECT: <u>N/A</u>	CONTACT: _____
ADDRESS: _____	PHONE: _____
SURVEYOR: <u>Aldrich Land Surveying</u>	CONTACT: <u>Tim Aldrich</u>
ADDRESS: <u>P.O. Box 30701</u>	PHONE: <u>884-1990</u>
CONTRACTOR: <u>N/A</u>	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:

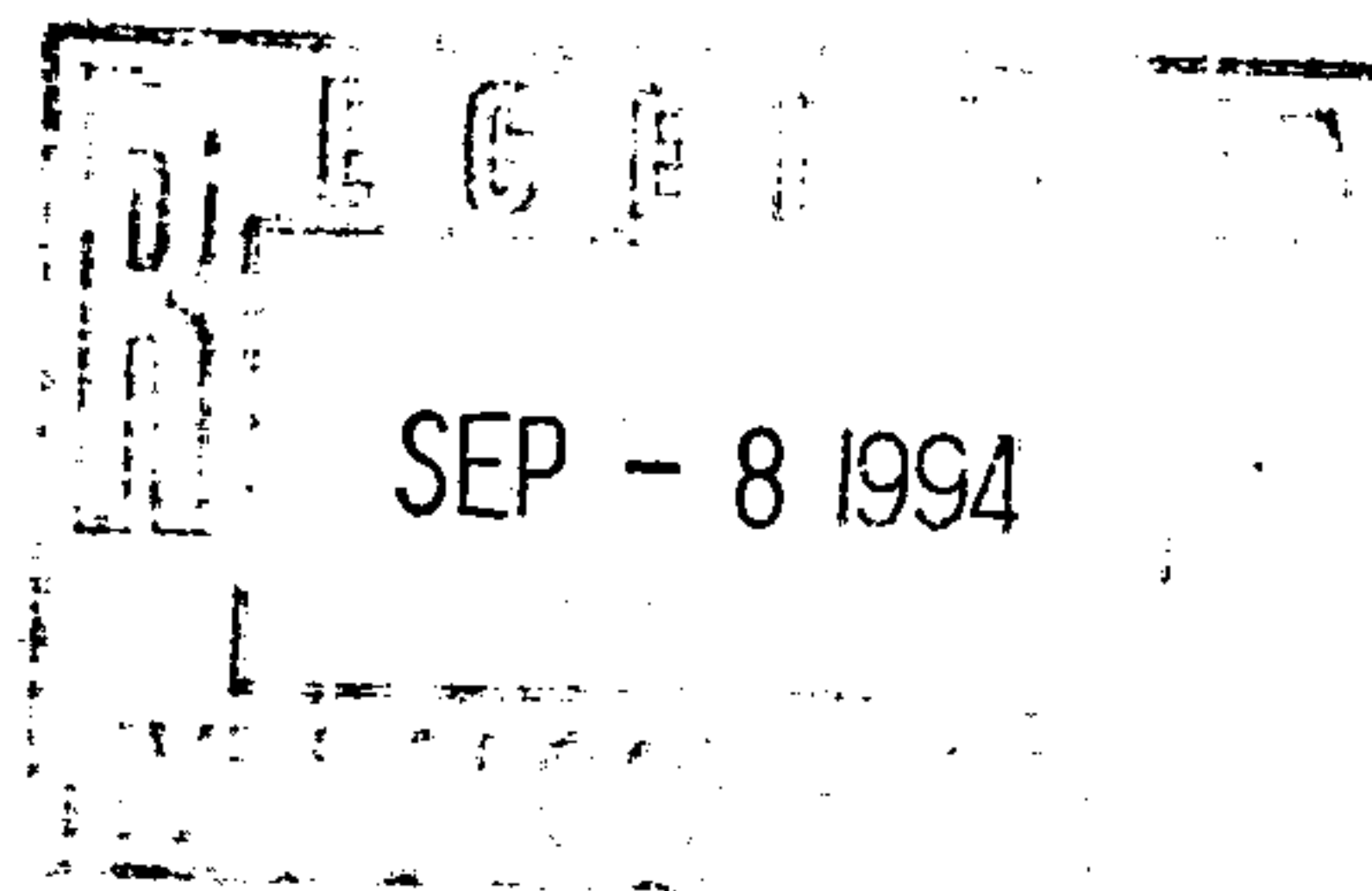
☐ YES
☒ NO
☐ COPY PROVIDED

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: 9/8/94

BY: John M. MacKenzie
John M. MacKenzie



DRAINAGE INFORMATION SHEET

PROJECT TITLE: Creekside West Subdivision ZONE ATLAS/DRNG, FILE #: L-23/D17
DRB #: 94-122 EPC #: 2-94-27 WORK ORDER #: _____
LEGAL DESCRIPTION: Tract H, North Four Hills
CITY ADDRESS: Carmellia and Poinsettia

ENGINEERING FIRM: Mark Goodwin & Associates, PA CONTACT: Mark Goodwin, PE
ADDRESS: P.O. Box 90606 PHONE: 828-2200 345-2010
OWNER: Joe Boyden CONTACT: Joe Boyden
ADDRESS: P.O. Box 199, Cedar Crest 87008 PHONE: 281-4368
ARCHITECT: N/A CONTACT: _____
ADDRESS: _____ PHONE: _____
SURVEYOR: Aldrich Land Surveying CONTACT: Tim Aldrich
ADDRESS: P.O. 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:

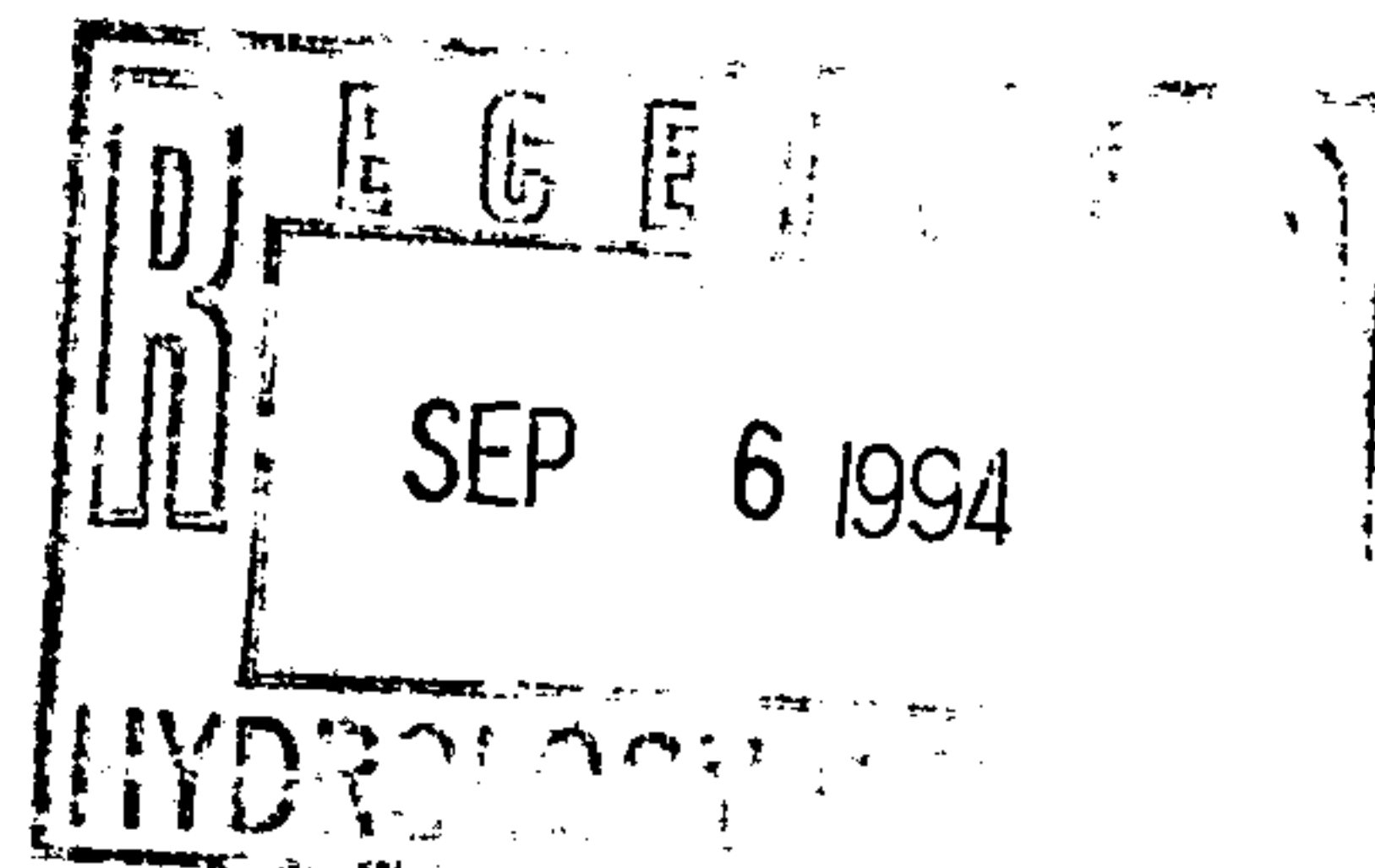
☐ YES
☒ NO
☐ COPY PROVIDED

CHECK TYPE OF APPROVAL SOUGHT:

☐ SKETCH PLAT APPROVAL
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☐ S. DEV. PLAN FOR SUB'D APPROVAL
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☐ GRADING PERMIT APPROVAL
☐ PAVING PERMIT APPROVAL
☐ S.A.D. DRAINAGE REPORT
☐ DRAINAGE REQUIREMENTS
☐ OTHER _____ (Specify)

DATE SUBMITTED: 9/6/94

BY: John M. MacKenzie
John M. MacKenzie





City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

September 13, 1994

Mark Goodwin, PE
Mark Goodwin & Assoc.
P.O. Box 90606
Albuquerque, NM 87199

RE: CREEKSIDE WEST SUBDIVISION (L-23/D17) ENGINEER'S STAMP DATED 9/8/94

Dear Mr. Goodwin:

Based upon your 9/8/94 submittal, the referenced project is approved for Final Plat.

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

Sincerely,

Scott Davis
PWD, Hydrology Division

c: Andrew Garcia
File

(8193)



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

October 27, 1994

Mark Goodwin, PE
Mark Goodwin & Assoc.
P.O. Box 90606
Albuquerque, NM 87199

RE: ENGINEER'S CERTIFICATION FOR SITE GRADING & RETAINING WALL CONSTRUCTION -
CREEKSIDE WEST SUBDIVISION (L-23/D17) ENGINEER'S STAMP DATED 9/8/94

Dear Mr. Goodwin:

Based upon the as-built information you supplied with your 9/8/94 submittal, the Engineer's Certification for the site grading and retaining wall construction is acceptable.

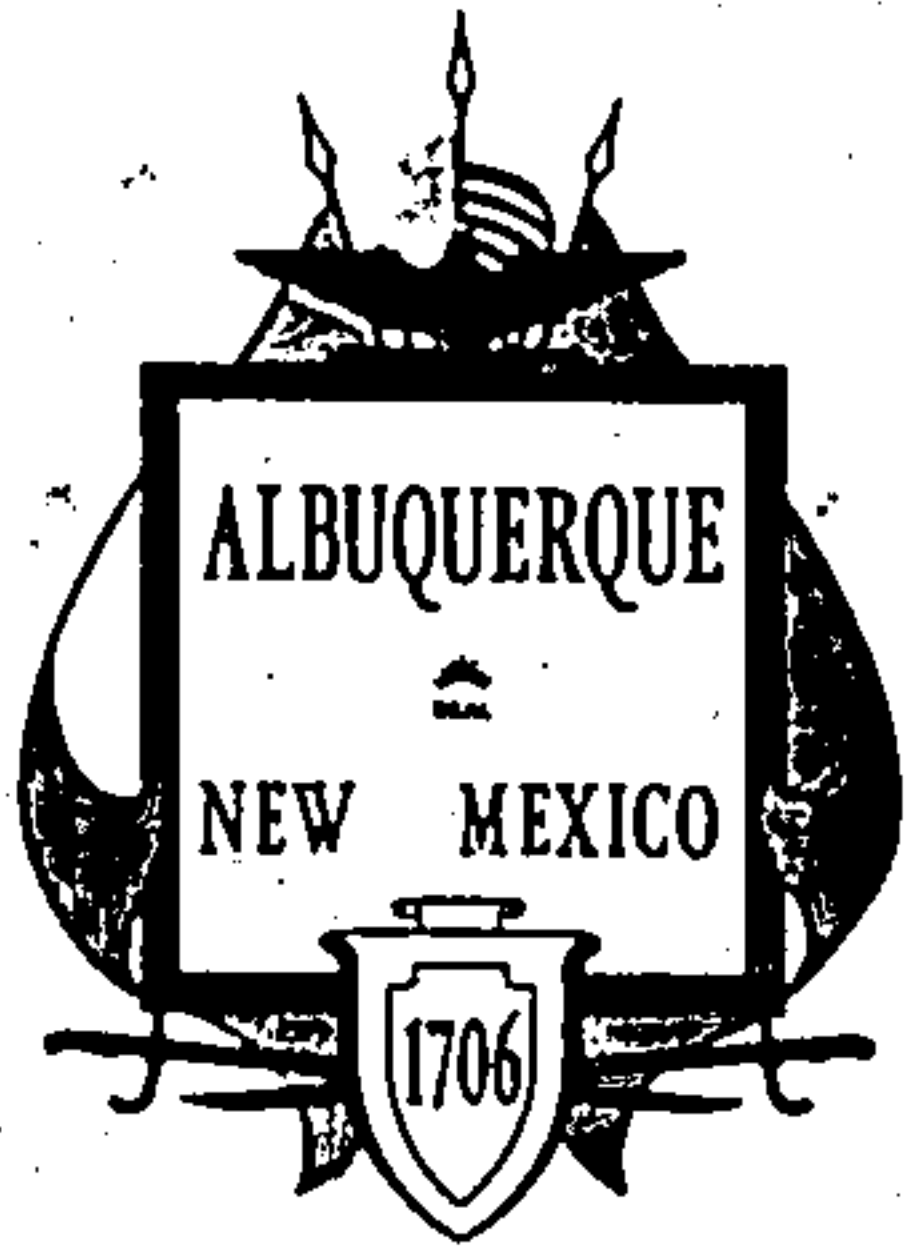
If I can be of further assistance, feel free to contact me at 768-3622.

Sincerely,

Scott Davis
PWD, Hydrology Division

c: Lynda Michelle DeVanti
Andrew Garcia
File

(wp+8193)



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

March 29, 1994

Mr. Mark Goodwin
Mark Goodwin & Associates, PA
P.O. Box 90606
Albuquerque, NM 87199

RE: DRAINAGE & GRADING PLAN RESUBMITTAL FOR CREEKSIDE WEST SUBDIVISION
(L-23/D17) ENGINEER'S STAMP DATED 3/24/94

Dear Mr. Goodwin:

Based upon your resubmittal received on 3/24/94, the referenced project is approved for Preliminary Plat, Final Plat and for Grading Permit. Please keep in mind that a Topsoil Disturbance Permit is required prior to commencing with the actual grading of the site.

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

Cordially,

Scott Davis
PWD, Hydrology Division

(WP+8193)

c: File