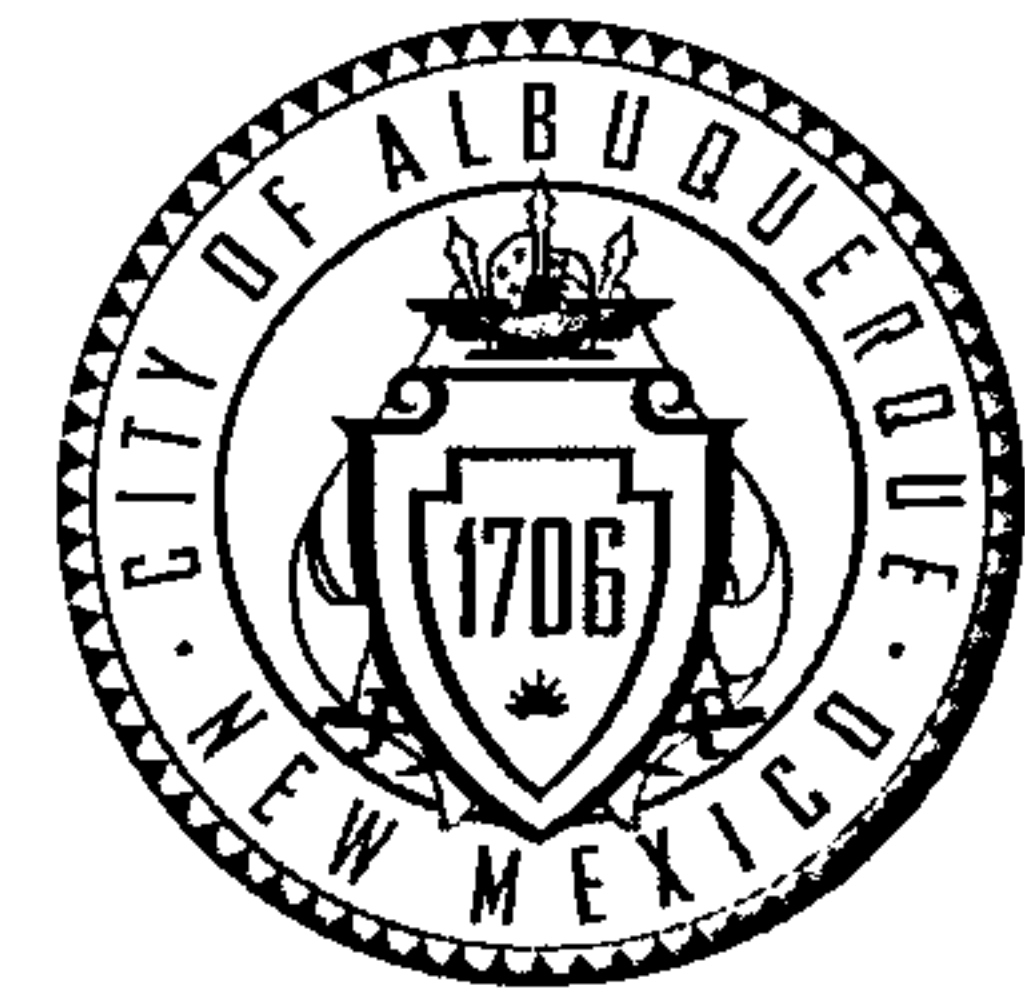


CITY OF ALBUQUERQUE



August 09, 2013

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

**Re: Labatt Food Services
Grading and Drainage Plan For Parking Additions
221 Airport Dr. NW, Albuquerque, NM 87113
Engineer's Stamp Date 8/08/2013 (K10/D021A)**

Dear Mr. Goodwin,

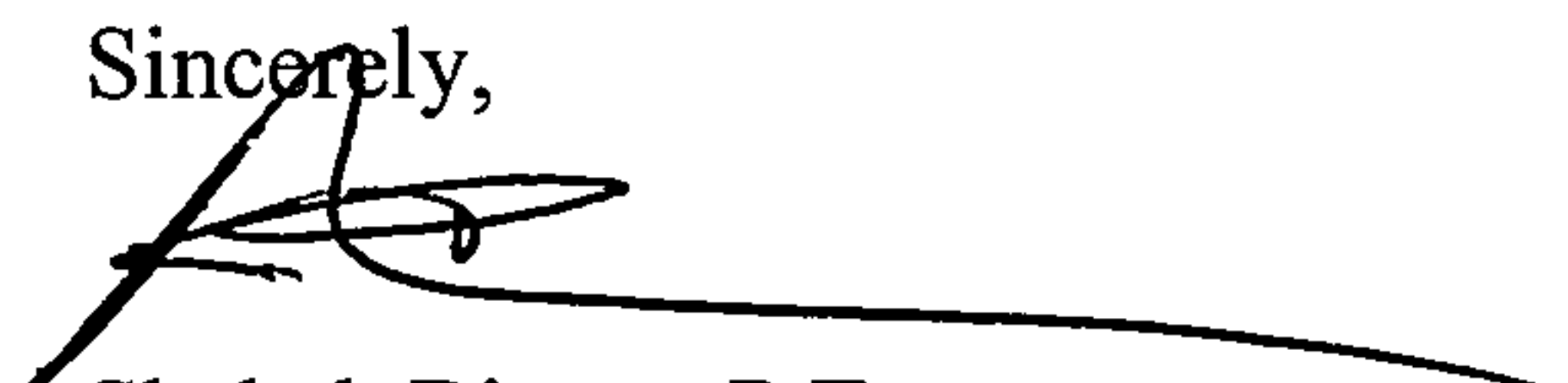
PO Box 1293 Based upon the information provided in your submittal received 6-9-13, the above referenced plan is approved for Building Permit.

Albuquerque Please attach a copy of this approved plan to the construction sets prior to sign-off by Hydrology. Prior to Certificate of Occupancy release, Engineer Certification per the DPM checklist will be required.

New Mexico 87103 If you have any questions, you can contact me at 924-3695.

www.cabq.gov

Sincerely,



Shahab Biazar, P.E.
Senior Engineer, Planning Dept.
Development and Building Services

C: e-mail



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Project Title: Labatt Food Services Building Permit #: _____ City Drainage #: K10/D21A
DRB#: _____ EPC#: _____ Work Order#: _____
Legal Description: Tract A-1-A-1-A-1 west 66 Addition & B-1-B-1-A-1 West 666 Addition
City Address: 221 Airport Drive NW Albuquerque NM 87113

Engineering Firm: Mark Goodwin & Associates Contact: Mark Goondwin
Address: 8916 Adams St. NE Albuquerque NM 87113
Phone#: 828-2200 Fax#: _____ E-mail: Mark@goodwinengineers.com

Owner: _____ Contact: _____
Address: _____
Phone#: _____ Fax#: _____ E-mail: _____

Architect: Mullen Heller Contact: Douglas Heller
Address: _____
Phone#: 268-4144 Fax#: _____ E-mail: doug@mullenheller.com

Surveyor: ALS Inc Contact: Tim Aldrich
Address: _____
Phone#: 328-3988 Fax#: _____ E-mail: tim.aldrich@comcast.com

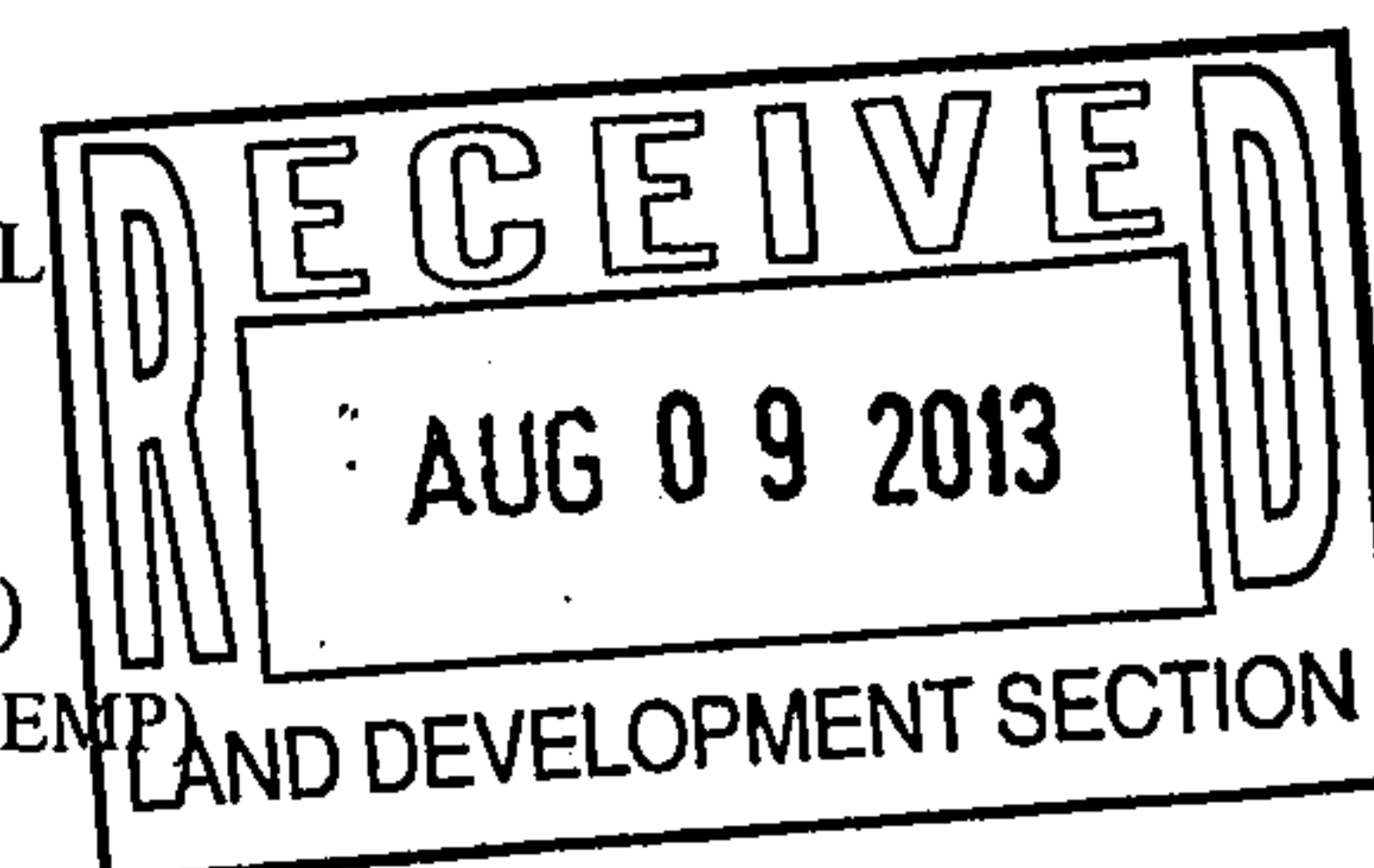
Contractor: _____ Contact: _____
Address: _____
Phone#: _____ Fax#: _____ E-mail: _____

TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT
- ☐ DRAINAGE PLAN 1st SUBMITTAL
- ☐ DRAINAGE PLAN RESUBMITTAL
- ☐ CONCEPTUAL G & D PLAN
- ☒ GRADING PLAN
- ☐ EROSION & SEDIMENT CONTROL PLAN (ESC)
- ☐ ENGINEER'S CERT (HYDROLOGY)
- ☐ CLOMR/LOMR
- ☐ TRAFFIC CIRCULATION LAYOUT (TCL)
- ☐ ENGINEER'S CERT (TCL)
- ☐ ENGINEER'S CERT (DRB SITE PLAN)
- ☐ ENGINEER'S CERT (ESC)
- ☐ SO-19
- ☐ OTHER (SPECIFY) _____

CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

- ☐ SIA/FINANCIAL GUARANTEE RELEASE
- ☐ PRELIMINARY PLAT APPROVAL
- ☐ S. DEV. PLAN FOR SUB'D APPROVAL
- ☐ S. DEV. FOR BLDG. PERMIT APPROVAL
- ☐ SECTOR PLAN APPROVAL
- ☐ FINAL PLAT APPROVAL
- ☐ CERTIFICATE OF OCCUPANCY (PERM)
- ☐ CERTIFICATE OF OCCUPANCY (TCL TEMP)
- ☐ FOUNDATION PERMIT APPROVAL
- ☒ BUILDING PERMIT APPROVAL
- ☒ GRADING PERMIT APPROVAL
- ☐ PAVING PERMIT APPROVAL
- ☐ WORK ORDER APPROVAL
- ☒ GRADING CERTIFICATION
- ☐ SO-19 APPROVAL
- ☐ ESC PERMIT APPROVAL
- ☐ ESC CERT. ACCEPTANCE
- ☐ OTHER (SPECIFY) _____



WAS A PRE-DESIGN CONFERENCE ATTENDED: ☒ Yes ☐ No ☐ Copy Provided

DATE SUBMITTED: 8-9-13 By: Mark Goodwin & Associates

Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location, and scope to 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 subdivision containing more than ten (10) lots or constituting five (5) acres or more
4. **Erosion and Sediment Control Plan:** Required for any new development and redevelopment site with 1-acre or more of land disturbing area, including project less than 1-acre that are part of a larger common plan of development

August 9, 2013

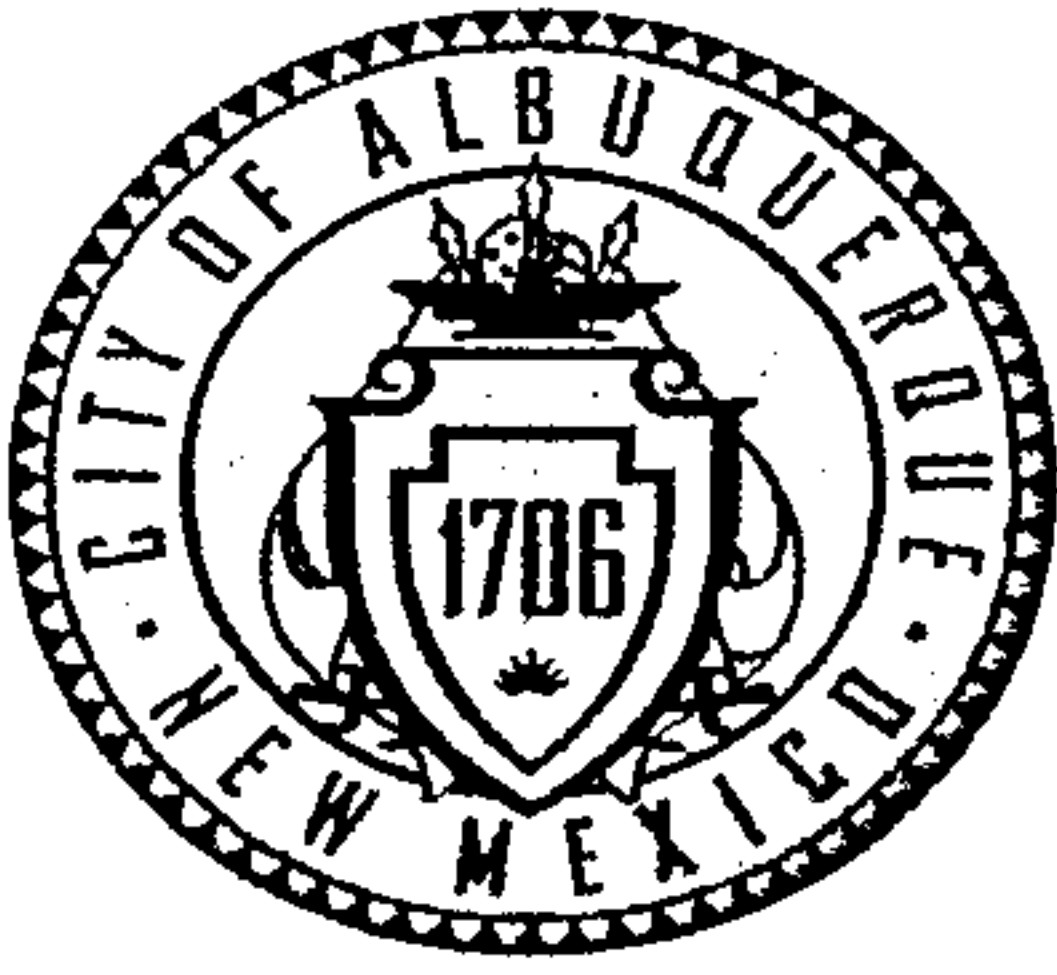
Mr. Shahab Biazar
City of Albuquerque, Hydrology
P.O. Box 1293
Albuquerque, NM 87103

Re: **Labatt Site Improvements**
File # K10/D21A
Tract B1B1A1A, West 66 Addition & Tract A1A1A1, West 66 Addition

Dear Mr. Biazar:

As the owner of the referenced two Tracts, I hereby agree to allow the stormwater runoff from Tract B1B1A1A to drain onto Tract A1A1A1.

By: 
Printed Name: JACK DING
Title: FACILITY MANAGER
Date: 8-8-2013



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Verbal
NO

Project Title: Labatt Food Services Building Permit #: _____ City Drainage #: K10D0021A
DRB#: _____ EPC#: _____ Work Order#: _____
Legal Description: _____
City Address: 221 Airport Drive NW Albuquerque, NM 87121

Engineering Firm: Mark Goodwin & Associates, P.A. Contact: Mark Goodwin
Address: 8916 Adams St. NE Albuquerque, NM 87113
Phone#: (505) 828-2200 Fax#: (505) 797-9539 E-mail: Mark@goodwinengineers.com

Owner: _____ Contact: _____
Address: _____
Phone#: _____ Fax#: _____ E-mail: _____

Architect: Mullen Heller Contact: Douglas Heller
Address: 924 Parks Ave. #B Albuquerque, NM 87102
Phone#: (505) 268-4144 Fax#: _____ E-mail: Doug@mullenheller.com

Surveyor: ALS, Inc. Contact: Tim Aldrich
Address: P.O. Box 30701 Albuquerque, NM
Phone#: (505) 328-3988 Fax#: _____ E-mail: Tim.Aldrich@comcast.net

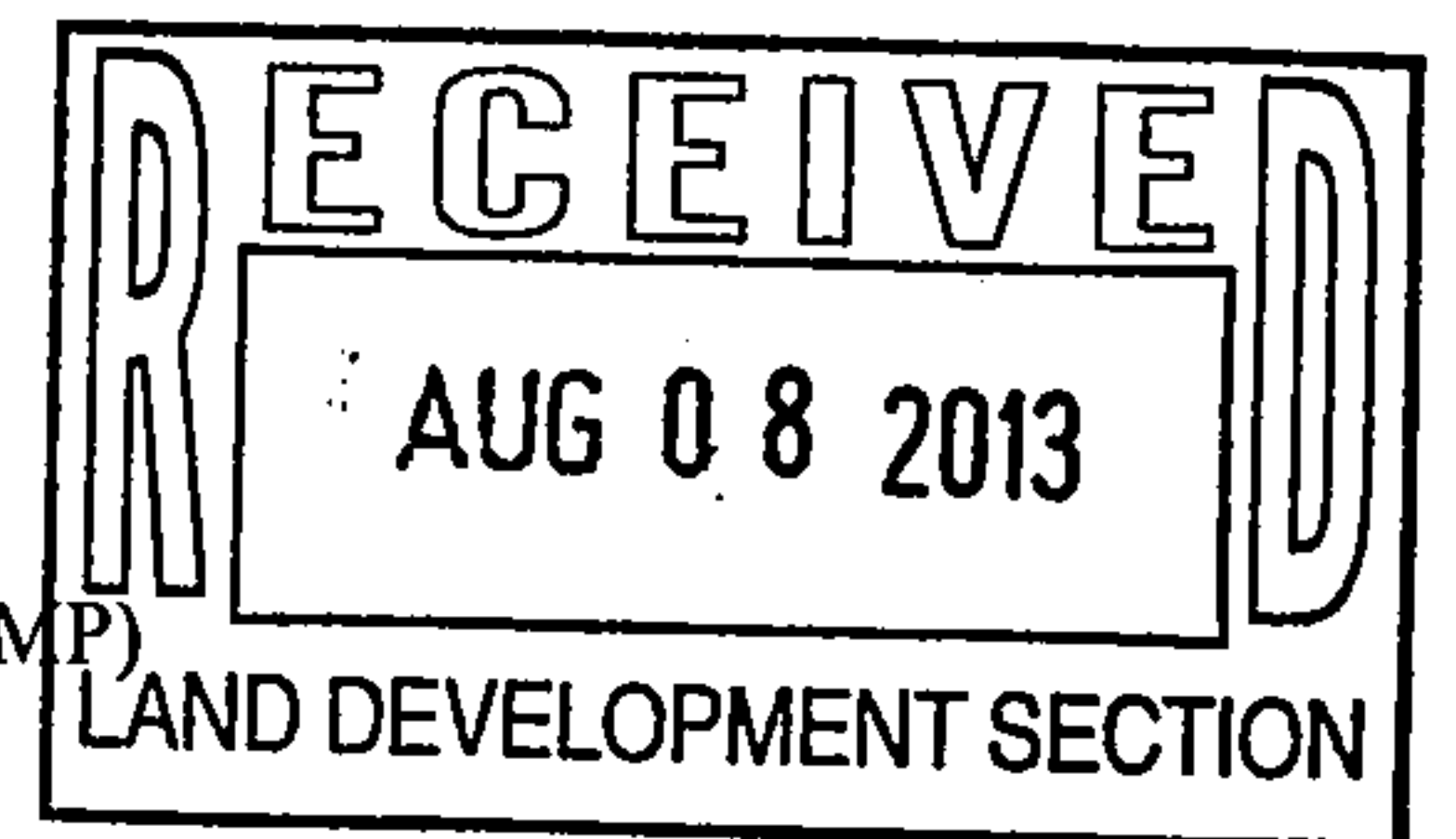
Contractor: _____ Contact: _____
Address: _____
Phone#: _____ Fax#: _____ E-mail: _____

TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT
- ☐ DRAINAGE PLAN 1st SUBMITTAL
- ☐ DRAINAGE PLAN RESUBMITTAL
- ☐ CONCEPTUAL G & D PLAN
- ☒ GRADING PLAN
- ☐ EROSION & SEDIMENT CONTROL PLAN (ESC)
- ☐ ENGINEER'S CERT (HYDROLOGY)
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- ☐ ENGINEER'S CERT (TCL)
- ☐ ENGINEER'S CERT (DRB SITE PLAN)
- ☐ ENGINEER'S CERT (ESC)
- ☐ SO-19
- ☐ OTHER (SPECIFY) _____

CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

- | | |
|--|--|
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| ☐ S. DEV. FOR BLDG. PERMIT APPROVAL | |
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| ☐ FINAL PLAT APPROVAL | |
| ☐ CERTIFICATE OF OCCUPANCY (PERM) | |
| ☐ CERTIFICATE OF OCCUPANCY (TCL TEMP) | |
| ☐ FOUNDATION PERMIT APPROVAL | |
| ☐ BUILDING PERMIT APPROVAL | |
| ☒ GRADING PERMIT APPROVAL | ☐ SO-19 APPROVAL |
| ☐ PAVING PERMIT APPROVAL | ☐ ESC PERMIT APPROVAL |
| ☐ WORK ORDER APPROVAL | ☐ ESC CERT. ACCEPTANCE |
| ☐ GRADING CERTIFICATION | ☐ OTHER (SPECIFY) _____ |



WAS A PRE-DESIGN CONFERENCE ATTENDED: ☒ Yes ☐ No ☐ Copy Provided

DATE SUBMITTED: 8-8-13 By: Mark Goodwin & Associates, P.A.

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4. **Erosion and Sediment Control Plan:** Required for any new development and redevelopment site with 1-acre or more of land disturbing area, including project less than 1-acre than are part of a larger common plan of development



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

P.O. BOX 90606, ALBUQUERQUE, NM 87199
(505) 828-2200 FAX 797-9539

~ 2012 ACEC/NM Award Winner for Engineering Excellence ~
~ 2008 ACEC/NM Award Winner for Engineering Excellence ~

August 8, 2013

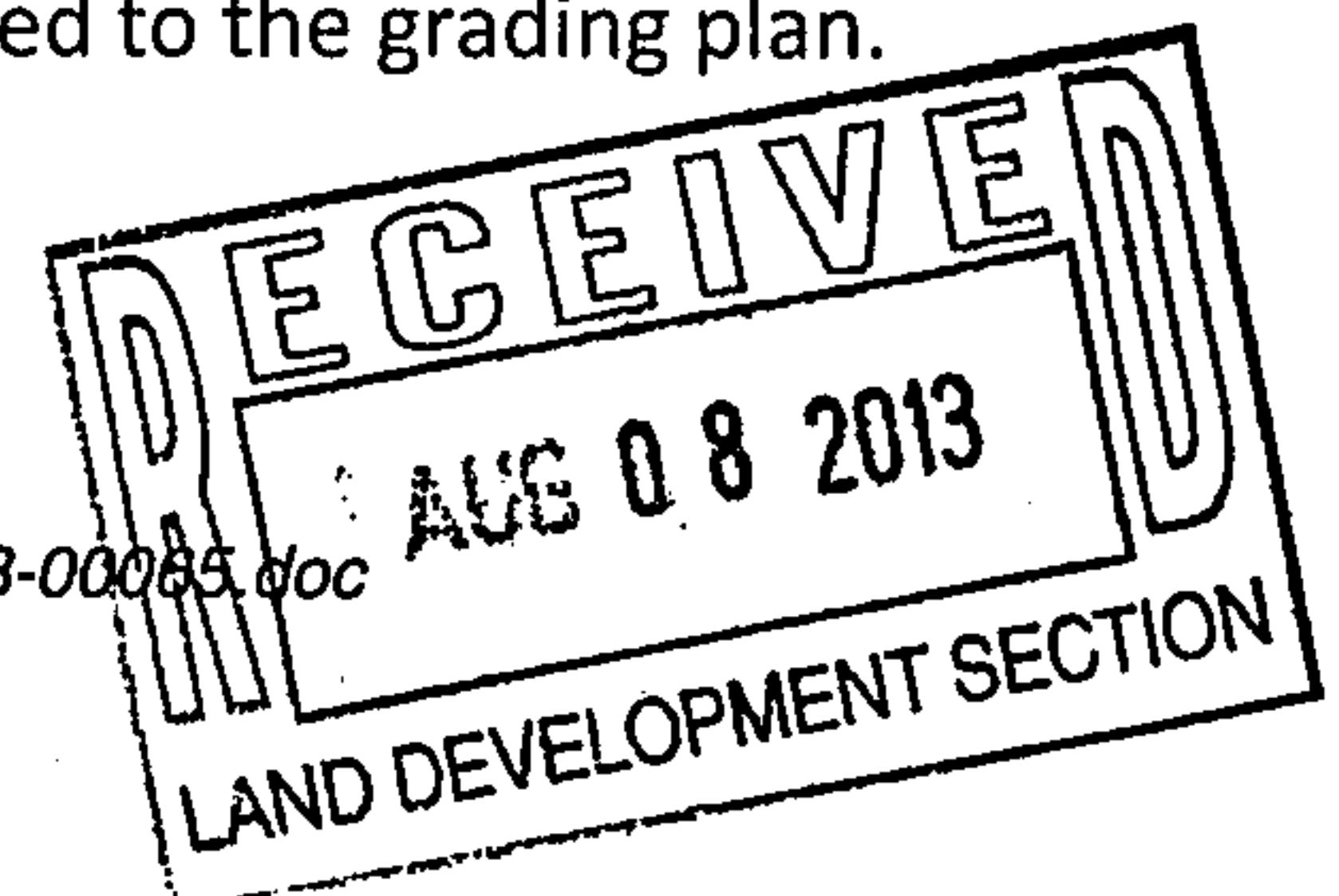
Mr. Shahab Biazar
City of Albuquerque
600 2nd Street NW
Albuquerque, NM 87102

Re: Labatt Food Services Grading and Drainage Comments – K10-D21A

Dear Mr. Biazar

The Case Review Comments dated 8/7/13 on the Grading and Drainage Plan for Labatt Food Services have been addressed as follows:

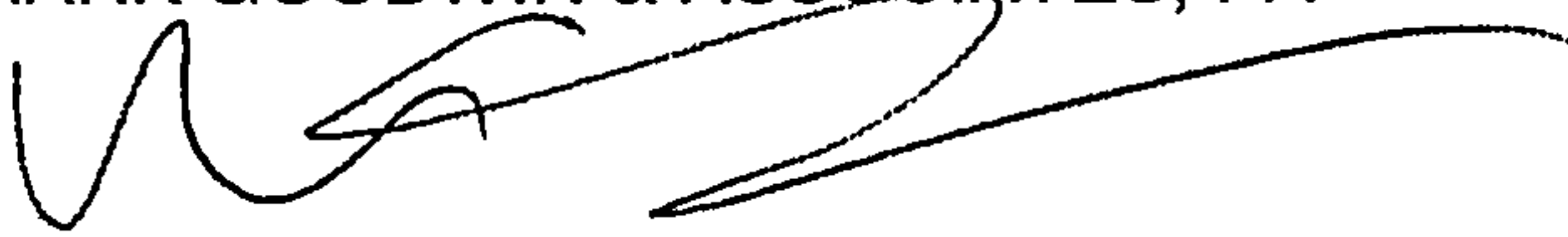
1. Include the legal description, Bench mark information, and clearly show the boundary line. The legal description, Bench mark information, and the boundary line have been included on the grading and drainage plan.
2. Are there cross lot drainage, parking, and access easements? There is not cross lot drainage, parking, and access easements.
3. Provide AHYMO runs and pond volume calc for the existing pond. AHYMO runs and pond volume calc for the existing pond have been included to the submittal.
4. Provide a city drainage numbers for the plans being referenced on the grading plan. City drainage numbers for the plans being referenced have been added to the grading plan.
5. Are there pump specifications? Pump specification have been added to the grading plan.



6. Is total affected area +/-2 acres? If so, Erosion Sediment Control Plan will be required?
Total affected area is less then 2 ac so an Erosion Sediment Control Plan will not be required.
7. Are there any handicap parking areas? There is not any handicap parking areas.
8. Provide top and bottom of wall elevations at both ends of the retaining wall. Top and bottom of wall elevations at both ends of the retaining wall have been added to the grading plan.
9. Depress all landscaping area. All landscaping area has been noted to be depressed on the grading plan.

If you have any further questions, please contact our office.

Sincerely,
MARK GOODWIN & ASSOCIATES, PA


Martin Sanchez, EIT
Project Engineer

/ms



□(s16.67h8.5v0T□&l8D

AHYMO PROGRAM (AHYMO_97) - - Version: 1997.02d
RUN DATE (MON/DAY/YR) = 08/08/2013
START TIME (HR:MIN:SEC) = 09:21:22 USER NO.= AHYMO-I-9702dGoodwinM-AH
INPUT FILE = C:\PROGRA~1\AHYMO_97\LABATT~1.DAT

*S*****

*S

*S Labatt Food Services V

*S

*S Undeveloped

*S

*S 100 YEAR 24 HOUR STORM EVENT

*S

*S FILE: Labatt Food Services

*S LAST REVISED: 7-01-13

START TIME=0.0 HR PUNCH CODE=0 PRINT LINES=-6

LOCATION NEW MEXICO

State of New Mexico soil infiltration values (LAND FACTORS) used for computations.

Land Treatment	Initial Abstr.(in)	Unif. Infilt.(in/hour)
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A	0.65	1.67
---	------	------

B	0.50	1.25
---	------	------

C	0.35	0.83
---	------	------

D	0.10	0.04
---	------	------

RAINFALL

TYPE=2 RAIN QUARTER=0.0

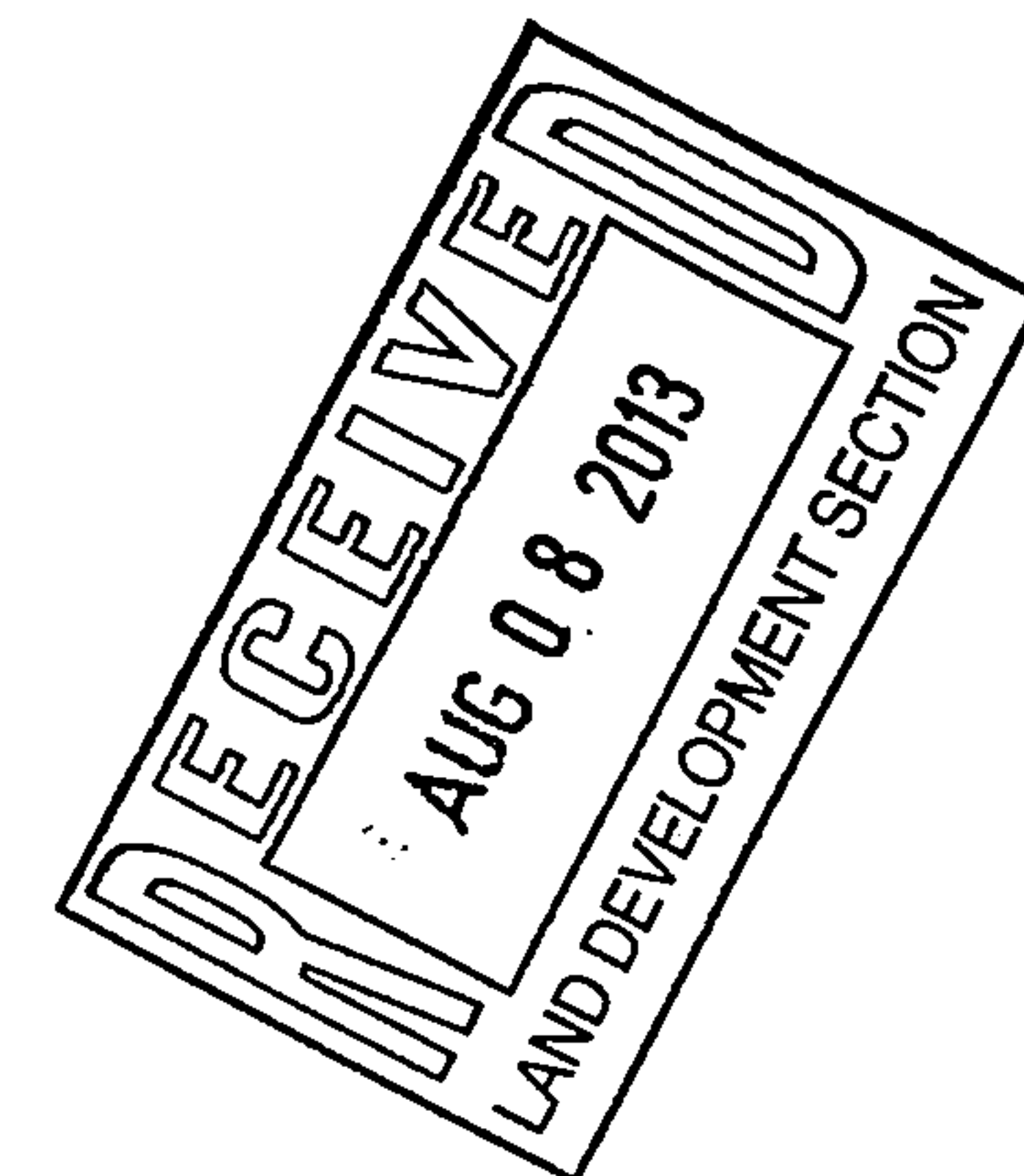
RAIN ONE=1.87 IN RAIN SIX=2.20 IN

RAIN DAY=2.66 IN DT=0.05 HRS

COMPUTED 24-HOUR RAINFALL DISTRIBUTION BASED ON NOAA ATLAS 2 - PEAK AT 1.40 HR.

DT = .050000 HOURS END TIME = 24.000000 HOURS

.0000	.0025	.0050	.0076	.0103	.0131	.0160
.0190	.0222	.0254	.0289	.0324	.0362	.0401
.0443	.0487	.0534	.0584	.0637	.0695	.0758
.0837	.0924	.1176	.1773	.2798	.4384	.6668
.9790	1.2253	1.3366	1.4295	1.5109	1.5836	1.6495
1.7096	1.7648	1.8156	1.8624	1.9057	1.9458	1.9548
1.9631	1.9708	1.9780	1.9848	1.9912	1.9973	2.0031
2.0087	2.0140	2.0191	2.0240	2.0287	2.0333	2.0377
2.0420	2.0462	2.0502	2.0542	2.0580	2.0617	2.0653
2.0689	2.0724	2.0757	2.0791	2.0823	2.0855	2.0886
2.0916	2.0946	2.0976	2.1005	2.1033	2.1061	2.1088
2.1115	2.1142	2.1168	2.1193	2.1219	2.1244	2.1268
2.1293	2.1316	2.1340	2.1363	2.1386	2.1409	2.1431
2.1453	2.1475	2.1497	2.1518	2.1539	2.1560	2.1580
2.1601	2.1621	2.1641	2.1660	2.1680	2.1699	2.1718
2.1737	2.1756	2.1774	2.1793	2.1811	2.1829	2.1847
2.1864	2.1882	2.1899	2.1916	2.1933	2.1950	2.1967
2.1984	2.2000	2.2020	2.2039	2.2059	2.2078	2.2097
2.2117	2.2136	2.2155	2.2174	2.2193	2.2212	2.2231
2.2249	2.2268	2.2287	2.2305	2.2324	2.2342	2.2361



2.2379	2.2398	2.2416	2.2434	2.2452	2.2470	2.2488
2.2506	2.2524	2.2542	2.2559	2.2577	2.2595	2.2612
2.2630	2.2647	2.2665	2.2682	2.2700	2.2717	2.2734
2.2751	2.2768	2.2785	2.2802	2.2819	2.2836	2.2853
2.2870	2.2887	2.2903	2.2920	2.2937	2.2953	2.2970
2.2986	2.3002	2.3019	2.3035	2.3051	2.3068	2.3084
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2.3534	2.3549	2.3563	2.3578	2.3593	2.3608	2.3622
2.3637	2.3652	2.3666	2.3681	2.3695	2.3710	2.3724
2.3739	2.3753	2.3767	2.3782	2.3796	2.3810	2.3824
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2.3937	2.3951	2.3965	2.3978	2.3992	2.4006	2.4020
2.4033	2.4047	2.4061	2.4074	2.4088	2.4101	2.4115
2.4128	2.4142	2.4155	2.4168	2.4182	2.4195	2.4208
2.4222	2.4235	2.4248	2.4261	2.4274	2.4287	2.4300
2.4314	2.4327	2.4340	2.4352	2.4365	2.4378	2.4391
2.4404	2.4417	2.4430	2.4442	2.4455	2.4468	2.4480
2.4493	2.4506	2.4518	2.4531	2.4543	2.4556	2.4568
2.4581	2.4593	2.4606	2.4618	2.4630	2.4643	2.4655
2.4667	2.4680	2.4692	2.4704	2.4716	2.4728	2.4740
2.4753	2.4765	2.4777	2.4789	2.4801	2.4813	2.4825
2.4837	2.4849	2.4860	2.4872	2.4884	2.4896	2.4908
2.4919	2.4931	2.4943	2.4955	2.4966	2.4978	2.4990
2.5001	2.5013	2.5024	2.5036	2.5047	2.5059	2.5070
2.5082	2.5093	2.5105	2.5116	2.5127	2.5139	2.5150
2.5161	2.5172	2.5184	2.5195	2.5206	2.5217	2.5229
2.5240	2.5251	2.5262	2.5273	2.5284	2.5295	2.5306
2.5317	2.5328	2.5339	2.5350	2.5361	2.5372	2.5383
2.5394	2.5404	2.5415	2.5426	2.5437	2.5448	2.5458
2.5469	2.5480	2.5490	2.5501	2.5512	2.5522	2.5533
2.5544	2.5554	2.5565	2.5575	2.5586	2.5596	2.5607
2.5617	2.5628	2.5638	2.5649	2.5659	2.5669	2.5680
2.5690	2.5700	2.5711	2.5721	2.5731	2.5741	2.5752
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2.5973	2.5982	2.5992	2.6002	2.6012	2.6022	2.6031
2.6041	2.6051	2.6061	2.6070	2.6080	2.6090	2.6099
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2.6373	2.6383	2.6392	2.6401	2.6410	2.6419	2.6428
2.6438	2.6447	2.6456	2.6465	2.6474	2.6483	2.6492
2.6501	2.6510	2.6519	2.6528	2.6537	2.6546	2.6555
2.6564	2.6573	2.6582	2.6591	2.6600		

*S*****

*S UNDEVELOPED CONDITIONS

*S TOTAL SITE AREA = 12.58 ACRES

COMPUTE NM HYD ID=1 HYD NO=101 AREA= 0.0197 SQ MI
 PER A=0 PER B=8 PER C=16 PER D=76
 TP=-.1333 HR MASS RAIN=-1

K = .072649HR TP = .133300HR K/TP RATIO = .545000 SHAPE CONSTANT, N = 7.106420
 UNIT PEAK = 59.110 CFS UNIT VOLUME = .9990 B = 526.28 P60 = 1.8700
 AREA = .014972 SQ MI IA = .10000 INCHES INF = .04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = .050000

K = .114242HR TP = .133300HR K/TP RATIO = .857028 SHAPE CONSTANT, N = 4.150447
 UNIT PEAK = 12.949 CFS UNIT VOLUME = 1.001 B = 365.08 P60 = 1.8700
 AREA = .004728 SQ MI IA = .40000 INCHES INF = .97000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = .050000

PRINT HYD ID=1 CODE=1

PARTIAL HYDROGRAPH 101.00

RUNOFF VOLUME = 2.05359 INCHES = 2.1576 ACRE-FEET
 PEAK DISCHARGE RATE = 48.94 CFS AT 1.500 HOURS BASIN AREA = .0197 SQ. MI.

*S*****

*S

*S Labatt Food Services V

*S

*S Developed

*S

*S 100 YEAR 24 HOUR STORM EVENT

*S

*S FILE: Labatt Food Services

*S LAST REVISED: 7-01-13

START TIME=0.0 HR PUNCH CODE=0 PRINT LINES=-6

LOCATION NEW MEXICO

State of New Mexico soil infiltration values (LAND FACTORS) used for computations.

Land Treatment	Initial Abstr.(in)	Unif. Infilt.(in/hour)
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RAINFALL

TYPE=2 RAIN QUARTER=0.0
 RAIN ONE=1.87 IN RAIN SIX=2.20 IN
 RAIN DAY=2.66 IN DT=0.05 HRS

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DT =	.050000 HOURS			END TIME =	24.000000 HOURS		
.0000	.0025	.0050	.0076	.0103	.0131	.0160	
.0190	.0222	.0254	.0289	.0324	.0362	.0401	
.0443	.0487	.0534	.0584	.0637	.0695	.0758	
.0837	.0924	.1176	.1773	.2798	.4384	.6668	
.9790	1.2253	1.3366	1.4295	1.5109	1.5836	1.6495	
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2.0420	2.0462	2.0502	2.0542	2.0580	2.0617	2.0653	
2.0689	2.0724	2.0757	2.0791	2.0823	2.0855	2.0886	
2.0916	2.0946	2.0976	2.1005	2.1033	2.1061	2.1088	
2.1115	2.1142	2.1168	2.1193	2.1219	2.1244	2.1268	
2.1293	2.1316	2.1340	2.1363	2.1386	2.1409	2.1431	
2.1453	2.1475	2.1497	2.1518	2.1539	2.1560	2.1580	
2.1601	2.1621	2.1641	2.1660	2.1680	2.1699	2.1718	
2.1737	2.1756	2.1774	2.1793	2.1811	2.1829	2.1847	
2.1864	2.1882	2.1899	2.1916	2.1933	2.1950	2.1967	
2.1984	2.2000	2.2020	2.2039	2.2059	2.2078	2.2097	
2.2117	2.2136	2.2155	2.2174	2.2193	2.2212	2.2231	
2.2249	2.2268	2.2287	2.2305	2.2324	2.2342	2.2361	
2.2379	2.2398	2.2416	2.2434	2.2452	2.2470	2.2488	
2.2506	2.2524	2.2542	2.2559	2.2577	2.2595	2.2612	
2.2630	2.2647	2.2665	2.2682	2.2700	2.2717	2.2734	
2.2751	2.2768	2.2785	2.2802	2.2819	2.2836	2.2853	
2.2870	2.2887	2.2903	2.2920	2.2937	2.2953	2.2970	
2.2986	2.3002	2.3019	2.3035	2.3051	2.3068	2.3084	
2.3100	2.3116	2.3132	2.3148	2.3164	2.3180	2.3196	
2.3212	2.3227	2.3243	2.3259	2.3274	2.3290	2.3305	
2.3321	2.3336	2.3352	2.3367	2.3383	2.3398	2.3413	
2.3428	2.3444	2.3459	2.3474	2.3489	2.3504	2.3519	
2.3534	2.3549	2.3563	2.3578	2.3593	2.3608	2.3622	
2.3637	2.3652	2.3666	2.3681	2.3695	2.3710	2.3724	
2.3739	2.3753	2.3767	2.3782	2.3796	2.3810	2.3824	
2.3839	2.3853	2.3867	2.3881	2.3895	2.3909	2.3923	
2.3937	2.3951	2.3965	2.3978	2.3992	2.4006	2.4020	
2.4033	2.4047	2.4061	2.4074	2.4088	2.4101	2.4115	
2.4128	2.4142	2.4155	2.4168	2.4182	2.4195	2.4208	
2.4222	2.4235	2.4248	2.4261	2.4274	2.4287	2.4300	
2.4314	2.4327	2.4340	2.4352	2.4365	2.4378	2.4391	
2.4404	2.4417	2.4430	2.4442	2.4455	2.4468	2.4480	
2.4493	2.4506	2.4518	2.4531	2.4543	2.4556	2.4568	
2.4581	2.4593	2.4606	2.4618	2.4630	2.4643	2.4655	
2.4667	2.4680	2.4692	2.4704	2.4716	2.4728	2.4740	
2.4753	2.4765	2.4777	2.4789	2.4801	2.4813	2.4825	
2.4837	2.4849	2.4860	2.4872	2.4884	2.4896	2.4908	
2.4919	2.4931	2.4943	2.4955	2.4966	2.4978	2.4990	
2.5001	2.5013	2.5024	2.5036	2.5047	2.5059	2.5070	
2.5082	2.5093	2.5105	2.5116	2.5127	2.5139	2.5150	
2.5161	2.5172	2.5184	2.5195	2.5206	2.5217	2.5229	
2.5240	2.5251	2.5262	2.5273	2.5284	2.5295	2.5306	
2.5317	2.5328	2.5339	2.5350	2.5361	2.5372	2.5383	

2.5394	2.5404	2.5415	2.5426	2.5437	2.5448	2.5458
2.5469	2.5480	2.5490	2.5501	2.5512	2.5522	2.5533
2.5544	2.5554	2.5565	2.5575	2.5586	2.5596	2.5607
2.5617	2.5628	2.5638	2.5649	2.5659	2.5669	2.5680
2.5690	2.5700	2.5711	2.5721	2.5731	2.5741	2.5752
2.5762	2.5772	2.5782	2.5792	2.5803	2.5813	2.5823
2.5833	2.5843	2.5853	2.5863	2.5873	2.5883	2.5893
2.5903	2.5913	2.5923	2.5933	2.5943	2.5953	2.5963
2.5973	2.5982	2.5992	2.6002	2.6012	2.6022	2.6031
2.6041	2.6051	2.6061	2.6070	2.6080	2.6090	2.6099
2.6109	2.6119	2.6128	2.6138	2.6148	2.6157	2.6167
2.6176	2.6186	2.6195	2.6205	2.6214	2.6224	2.6233
2.6243	2.6252	2.6261	2.6271	2.6280	2.6290	2.6299
2.6308	2.6318	2.6327	2.6336	2.6346	2.6355	2.6364
2.6373	2.6383	2.6392	2.6401	2.6410	2.6419	2.6428
2.6438	2.6447	2.6456	2.6465	2.6474	2.6483	2.6492
2.6501	2.6510	2.6519	2.6528	2.6537	2.6546	2.6555
2.6564	2.6573	2.6582	2.6591	2.6600		

*S*****
 *S DEVELOPED CONDITIONS
 *s TOTAL SITE AREA = 12.58 ACRES

COMPUTE NM HYD ID=2 HYD NO=102 AREA= 0.0197 SQ MI
 PER A=0 PER B=7 PER C=13 PER D=80
 TP=-.1333 HR MASS RAIN=-1

K = .072649HR TP = .133300HR K/TP RATIO = .545000 SHAPE CONSTANT, N = 7.106420
 UNIT PEAK = 62.221 CFS UNIT VOLUME = .9989 B = 526.28 P60 = 1.8700
 AREA = .015760 SQ MI IA = .10000 INCHES INF = .04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = .050000

K = .114661HR TP = .133300HR K/TP RATIO = .860169 SHAPE CONSTANT, N = 4.133986
 UNIT PEAK = 10.759 CFS UNIT VOLUME = 1.001 B = 364.01 P60 = 1.8700
 AREA = .003940 SQ MI IA = .40250 INCHES INF = .97700 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = .050000

PRINT HYD ID=2 CODE=1

PARTIAL HYDROGRAPH 102.00

RUNOFF VOLUME = 2.11473 INCHES = 2.2219 ACRE-FEET
 PEAK DISCHARGE RATE = 49.78 CFS AT 1.500 HOURS BASIN AREA = .0197 SQ. MI.

ROUTE RESERVOIR ID=3 HYD NO=103 INFLOW ID=2 CODE=1
 OUTFLOW (CFS) STORAGE (AC FT) ELEV
 0.00 0.000 5087

0.10	0.130	5088
0.30	0.280	5089
0.55	0.450	5090
0.85	0.73	5091
0.95	1.15	5092
1.02	1.74	5093

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TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
.00	.00	5087.00	.000	.00
.05	.00	5087.00	.000	.00
.10	.00	5087.00	.000	.00
.15	.00	5087.00	.000	.00
.20	.00	5087.00	.000	.00
.25	.00	5087.00	.000	.00
.30	.00	5087.00	.000	.00
.35	.00	5087.00	.000	.00
.40	.00	5087.00	.000	.00
.45	.00	5087.00	.000	.00
.50	.00	5087.00	.000	.00
.55	.00	5087.00	.000	.00
.60	.00	5087.00	.000	.00
.65	.00	5087.00	.000	.00
.70	.00	5087.00	.000	.00
.75	.00	5087.00	.000	.00
.80	.00	5087.00	.000	.00
.85	.00	5087.00	.000	.00
.90	.00	5087.00	.000	.00
.95	.00	5087.00	.000	.00
1.00	.00	5087.00	.000	.00
1.05	.00	5087.00	.000	.00
1.10	.00	5087.00	.000	.00
1.15	.12	5087.00	.000	.00
1.20	1.21	5087.02	.003	.00
1.25	4.54	5087.11	.015	.01
1.30	10.18	5087.35	.045	.03
1.35	18.53	5087.80	.104	.08
1.40	30.34	5088.50	.205	.20
1.45	43.76	5089.45	.356	.41
1.50	49.78	5090.35	.548	.65
1.55	43.68	5091.02	.738	.85
1.60	33.92	5091.39	.894	.89
1.65	26.81	5091.68	1.016	.92
1.70	22.30	5091.91	1.114	.94
1.75	19.36	5092.08	1.196	.96
1.80	17.21	5092.20	1.267	.96
1.85	15.44	5092.31	1.331	.97
1.90	13.92	5092.40	1.387	.98
1.95	12.59	5092.49	1.438	.98

2.00	11.44	5092.57	1.484	.99
2.05	10.23	5092.63	1.524	.99
2.10	7.96	5092.69	1.558	1.00
2.15	5.60	5092.73	1.582	1.00
2.20	4.12	5092.76	1.598	1.00
2.25	3.25	5092.78	1.609	1.00
2.30	2.71	5092.79	1.617	1.01
2.35	2.32	5092.80	1.623	1.01
2.40	2.00	5092.81	1.628	1.01
2.45	1.74	5092.82	1.632	1.01
2.50	1.52	5092.82	1.634	1.01
2.55	1.34	5092.82	1.636	1.01
2.60	1.18	5092.83	1.637	1.01
2.65	1.05	5092.83	1.637	1.01
2.70	.94	5092.83	1.637	1.01
2.75	.85	5092.83	1.637	1.01

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
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2.80	.77	5092.82	1.636	1.01
2.85	.70	5092.82	1.635	1.01
2.90	.64	5092.82	1.634	1.01
2.95	.59	5092.82	1.632	1.01
3.00	.54	5092.81	1.630	1.01
3.05	.50	5092.81	1.628	1.01
3.10	.47	5092.81	1.626	1.01
3.15	.43	5092.80	1.624	1.01
3.20	.41	5092.80	1.621	1.01
3.25	.40	5092.79	1.619	1.01
3.30	.38	5092.79	1.616	1.01
3.35	.36	5092.79	1.614	1.00
3.40	.35	5092.78	1.611	1.00
3.45	.33	5092.78	1.608	1.00
3.50	.32	5092.77	1.605	1.00
3.55	.31	5092.77	1.602	1.00
3.60	.30	5092.76	1.600	1.00
3.65	.30	5092.76	1.597	1.00
3.70	.29	5092.75	1.594	1.00
3.75	.28	5092.75	1.591	1.00
3.80	.28	5092.74	1.588	1.00
3.85	.27	5092.74	1.585	1.00
3.90	.27	5092.73	1.582	1.00
3.95	.27	5092.73	1.579	1.00
4.00	.27	5092.72	1.576	1.00
4.05	.26	5092.72	1.573	1.00
4.10	.26	5092.71	1.570	1.00
4.15	.26	5092.71	1.567	1.00
4.20	.26	5092.70	1.564	1.00
4.25	.26	5092.70	1.560	1.00
4.30	.26	5092.69	1.557	1.00
4.35	.26	5092.69	1.554	1.00

4.40	.26	5092.68	1.551	1.00
4.45	.26	5092.67	1.548	1.00
4.50	.26	5092.67	1.545	1.00
4.55	.26	5092.66	1.542	1.00
4.60	.26	5092.66	1.539	1.00
4.65	.26	5092.65	1.536	1.00
4.70	.26	5092.65	1.533	1.00
4.75	.26	5092.64	1.530	1.00
4.80	.26	5092.64	1.527	.99
4.85	.26	5092.63	1.524	.99
4.90	.26	5092.63	1.521	.99
4.95	.27	5092.62	1.518	.99
5.00	.27	5092.62	1.515	.99
5.05	.27	5092.61	1.512	.99
5.10	.27	5092.61	1.509	.99
5.15	.28	5092.60	1.506	.99
5.20	.28	5092.60	1.503	.99
5.25	.28	5092.59	1.500	.99
5.30	.28	5092.59	1.497	.99
5.35	.29	5092.58	1.494	.99
5.40	.29	5092.58	1.491	.99
5.45	.29	5092.57	1.488	.99
5.50	.30	5092.57	1.486	.99
5.55	.30	5092.56	1.483	.99

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
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5.60	.30	5092.56	1.480	.99
5.65	.30	5092.55	1.477	.99
5.70	.31	5092.55	1.474	.99
5.75	.31	5092.54	1.471	.99
5.80	.31	5092.54	1.469	.99
5.85	.32	5092.54	1.466	.99
5.90	.32	5092.53	1.463	.99
5.95	.33	5092.53	1.460	.99
6.00	.33	5092.52	1.458	.99
6.05	.33	5092.52	1.455	.99
6.10	.35	5092.51	1.452	.99
6.15	.37	5092.51	1.450	.99
6.20	.38	5092.50	1.447	.99
6.25	.38	5092.50	1.445	.98
6.30	.38	5092.50	1.442	.98
6.35	.39	5092.49	1.440	.98
6.40	.39	5092.49	1.437	.98
6.45	.39	5092.48	1.435	.98
6.50	.39	5092.48	1.432	.98
6.55	.39	5092.47	1.430	.98
6.60	.39	5092.47	1.427	.98
6.65	.38	5092.47	1.425	.98
6.70	.38	5092.46	1.422	.98
6.75	.38	5092.46	1.420	.98

6.80	.38	5092.45	1.417	.98
6.85	.38	5092.45	1.415	.98
6.90	.38	5092.44	1.412	.98
6.95	.38	5092.44	1.410	.98
7.00	.38	5092.44	1.407	.98
7.05	.38	5092.43	1.405	.98
7.10	.38	5092.43	1.402	.98
7.15	.38	5092.42	1.400	.98
7.20	.37	5092.42	1.397	.98
7.25	.37	5092.42	1.395	.98
7.30	.37	5092.41	1.392	.98
7.35	.37	5092.41	1.390	.98
7.40	.37	5092.40	1.387	.98
7.45	.37	5092.40	1.385	.98
7.50	.37	5092.39	1.382	.98
7.55	.36	5092.39	1.380	.98
7.60	.36	5092.39	1.377	.98
7.65	.36	5092.38	1.375	.98
7.70	.36	5092.38	1.372	.98
7.75	.36	5092.37	1.370	.98
7.80	.36	5092.37	1.367	.98
7.85	.36	5092.36	1.365	.98
7.90	.36	5092.36	1.362	.98
7.95	.36	5092.35	1.359	.97
8.00	.36	5092.35	1.357	.97
8.05	.35	5092.35	1.354	.97
8.10	.35	5092.34	1.352	.97
8.15	.35	5092.34	1.349	.97
8.20	.35	5092.33	1.347	.97
8.25	.35	5092.33	1.344	.97
8.30	.35	5092.32	1.341	.97
8.35	.35	5092.32	1.339	.97

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
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8.40	.35	5092.32	1.336	.97
8.45	.35	5092.31	1.334	.97
8.50	.35	5092.31	1.331	.97
8.55	.34	5092.30	1.328	.97
8.60	.34	5092.30	1.326	.97
8.65	.34	5092.29	1.323	.97
8.70	.34	5092.29	1.321	.97
8.75	.34	5092.28	1.318	.97
8.80	.34	5092.28	1.315	.97
8.85	.33	5092.28	1.313	.97
8.90	.33	5092.27	1.310	.97
8.95	.33	5092.27	1.308	.97
9.00	.33	5092.26	1.305	.97
9.05	.33	5092.26	1.302	.97
9.10	.33	5092.25	1.300	.97
9.15	.33	5092.25	1.297	.97

9.20	.33	5092.24	1.294	.97
9.25	.33	5092.24	1.292	.97
9.30	.33	5092.24	1.289	.97
9.35	.33	5092.23	1.286	.97
9.40	.33	5092.23	1.284	.97
9.45	.33	5092.22	1.281	.97
9.50	.33	5092.22	1.279	.97
9.55	.32	5092.21	1.276	.96
9.60	.32	5092.21	1.273	.96
9.65	.32	5092.20	1.271	.96
9.70	.32	5092.20	1.268	.96
9.75	.32	5092.20	1.265	.96
9.80	.32	5092.19	1.263	.96
9.85	.32	5092.19	1.260	.96
9.90	.32	5092.18	1.257	.96
9.95	.32	5092.18	1.255	.96
10.00	.32	5092.17	1.252	.96
10.05	.32	5092.17	1.249	.96
10.10	.31	5092.16	1.246	.96
10.15	.31	5092.16	1.244	.96
10.20	.31	5092.15	1.241	.96
10.25	.31	5092.15	1.238	.96
10.30	.31	5092.15	1.236	.96
10.35	.31	5092.14	1.233	.96
10.40	.31	5092.14	1.230	.96
10.45	.31	5092.13	1.228	.96
10.50	.31	5092.13	1.225	.96
10.55	.31	5092.12	1.222	.96
10.60	.30	5092.12	1.220	.96
10.65	.30	5092.11	1.217	.96
10.70	.30	5092.11	1.214	.96
10.75	.30	5092.10	1.211	.96
10.80	.30	5092.10	1.209	.96
10.85	.30	5092.10	1.206	.96
10.90	.30	5092.09	1.203	.96
10.95	.30	5092.09	1.201	.96
11.00	.30	5092.08	1.198	.96
11.05	.30	5092.08	1.195	.96
11.10	.30	5092.07	1.192	.96
11.15	.30	5092.07	1.190	.95

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
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11.20	.30	5092.06	1.187	.95
11.25	.30	5092.06	1.184	.95
11.30	.29	5092.05	1.182	.95
11.35	.29	5092.05	1.179	.95
11.40	.29	5092.04	1.176	.95
11.45	.29	5092.04	1.173	.95
11.50	.29	5092.04	1.171	.95
11.55	.29	5092.03	1.168	.95

11.60	.29	5092.03	1.165	.95
11.65	.29	5092.02	1.162	.95
11.70	.29	5092.02	1.160	.95
11.75	.29	5092.01	1.157	.95
11.80	.29	5092.01	1.154	.95
11.85	.29	5092.00	1.151	.95
11.90	.29	5092.00	1.149	.95
11.95	.29	5091.99	1.146	.95
12.00	.29	5091.98	1.143	.95
12.05	.28	5091.98	1.141	.95
12.10	.28	5091.97	1.138	.95
12.15	.28	5091.96	1.135	.95
12.20	.28	5091.96	1.132	.95
12.25	.28	5091.95	1.130	.95
12.30	.28	5091.94	1.127	.94
12.35	.28	5091.94	1.124	.94
12.40	.28	5091.93	1.121	.94
12.45	.28	5091.92	1.119	.94
12.50	.28	5091.92	1.116	.94
12.55	.28	5091.91	1.113	.94
12.60	.28	5091.91	1.110	.94
12.65	.27	5091.90	1.108	.94
12.70	.28	5091.89	1.105	.94
12.75	.27	5091.89	1.102	.94
12.80	.27	5091.88	1.099	.94
12.85	.27	5091.87	1.097	.94
12.90	.27	5091.87	1.094	.94
12.95	.27	5091.86	1.091	.94
13.00	.27	5091.85	1.088	.94
13.05	.27	5091.85	1.086	.93
13.10	.27	5091.84	1.083	.93
13.15	.27	5091.83	1.080	.93
13.20	.27	5091.83	1.077	.93
13.25	.27	5091.82	1.075	.93
13.30	.27	5091.81	1.072	.93
13.35	.27	5091.81	1.069	.93
13.40	.27	5091.80	1.066	.93
13.45	.27	5091.79	1.064	.93
13.50	.26	5091.79	1.061	.93
13.55	.26	5091.78	1.058	.93
13.60	.26	5091.77	1.055	.93
13.65	.26	5091.77	1.053	.93
13.70	.26	5091.76	1.050	.93
13.75	.26	5091.75	1.047	.93
13.80	.26	5091.75	1.044	.92
13.85	.26	5091.74	1.042	.92
13.90	.26	5091.74	1.039	.92
13.95	.26	5091.73	1.036	.92

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
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14.00	.26	5091.72	1.033	.92
14.05	.26	5091.72	1.031	.92
14.10	.26	5091.71	1.028	.92
14.15	.26	5091.70	1.025	.92
14.20	.26	5091.70	1.022	.92
14.25	.25	5091.69	1.020	.92
14.30	.26	5091.68	1.017	.92
14.35	.25	5091.68	1.014	.92
14.40	.25	5091.67	1.011	.92
14.45	.25	5091.66	1.009	.92
14.50	.25	5091.66	1.006	.92
14.55	.25	5091.65	1.003	.92
14.60	.25	5091.64	1.001	.91
14.65	.25	5091.64	.998	.91
14.70	.25	5091.63	.995	.91
14.75	.25	5091.62	.992	.91
14.80	.25	5091.62	.990	.91
14.85	.25	5091.61	.987	.91
14.90	.25	5091.60	.984	.91
14.95	.25	5091.60	.981	.91
15.00	.25	5091.59	.979	.91
15.05	.25	5091.59	.976	.91
15.10	.25	5091.58	.973	.91
15.15	.25	5091.57	.970	.91
15.20	.25	5091.57	.968	.91
15.25	.25	5091.56	.965	.91
15.30	.25	5091.55	.962	.91
15.35	.24	5091.55	.960	.90
15.40	.24	5091.54	.957	.90
15.45	.24	5091.53	.954	.90
15.50	.24	5091.53	.951	.90
15.55	.24	5091.52	.949	.90
15.60	.24	5091.51	.946	.90
15.65	.24	5091.51	.943	.90
15.70	.24	5091.50	.940	.90
15.75	.24	5091.49	.938	.90
15.80	.24	5091.49	.935	.90
15.85	.24	5091.48	.932	.90
15.90	.24	5091.48	.930	.90
15.95	.24	5091.47	.927	.90
16.00	.24	5091.46	.924	.90
16.05	.24	5091.46	.921	.90
16.10	.24	5091.45	.919	.89
16.15	.24	5091.44	.916	.89
16.20	.24	5091.44	.913	.89
16.25	.23	5091.43	.911	.89
16.30	.23	5091.42	.908	.89
16.35	.23	5091.42	.905	.89
16.40	.23	5091.41	.902	.89
16.45	.23	5091.40	.900	.89
16.50	.23	5091.40	.897	.89
16.55	.23	5091.39	.894	.89

16.60	.23	5091.38	.892	.89
16.65	.23	5091.38	.889	.89
16.70	.23	5091.37	.886	.89
16.75	.23	5091.37	.883	.89

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
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16.80	.23	5091.36	.881	.89
16.85	.23	5091.35	.878	.89
16.90	.23	5091.35	.875	.88
16.95	.23	5091.34	.873	.88
17.00	.23	5091.33	.870	.88
17.05	.23	5091.33	.867	.88
17.10	.23	5091.32	.865	.88
17.15	.23	5091.31	.862	.88
17.20	.23	5091.31	.859	.88
17.25	.23	5091.30	.856	.88
17.30	.23	5091.29	.854	.88
17.35	.22	5091.29	.851	.88
17.40	.22	5091.28	.848	.88
17.45	.22	5091.28	.846	.88
17.50	.22	5091.27	.843	.88
17.55	.22	5091.26	.840	.88
17.60	.22	5091.26	.838	.88
17.65	.22	5091.25	.835	.87
17.70	.22	5091.24	.832	.87
17.75	.22	5091.24	.829	.87
17.80	.22	5091.23	.827	.87
17.85	.22	5091.22	.824	.87
17.90	.22	5091.22	.821	.87
17.95	.22	5091.21	.819	.87
18.00	.22	5091.21	.816	.87
18.05	.22	5091.20	.813	.87
18.10	.22	5091.19	.811	.87
18.15	.22	5091.19	.808	.87
18.20	.22	5091.18	.805	.87
18.25	.22	5091.17	.803	.87
18.30	.22	5091.17	.800	.87
18.35	.22	5091.16	.797	.87
18.40	.22	5091.15	.795	.87
18.45	.22	5091.15	.792	.86
18.50	.22	5091.14	.789	.86
18.55	.22	5091.13	.787	.86
18.60	.22	5091.13	.784	.86
18.65	.22	5091.12	.781	.86
18.70	.22	5091.12	.779	.86
18.75	.21	5091.11	.776	.86
18.80	.21	5091.10	.773	.86
18.85	.21	5091.10	.771	.86
18.90	.21	5091.09	.768	.86
18.95	.21	5091.08	.765	.86

19.00	.21	5091.08	.763	.86
19.05	.21	5091.07	.760	.86
19.10	.21	5091.06	.757	.86
19.15	.21	5091.06	.755	.86
19.20	.21	5091.05	.752	.86
19.25	.21	5091.05	.749	.85
19.30	.21	5091.04	.747	.85
19.35	.21	5091.03	.744	.85
19.40	.21	5091.03	.741	.85
19.45	.21	5091.02	.739	.85
19.50	.21	5091.01	.736	.85
19.55	.21	5091.01	.733	.85

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
19.60	.21	5091.00	.731	.85
19.65	.21	5090.99	.728	.85
19.70	.21	5090.98	.725	.85
19.75	.21	5090.97	.723	.84
19.80	.21	5090.96	.720	.84
19.85	.21	5090.96	.718	.84
19.90	.21	5090.95	.715	.83
19.95	.21	5090.94	.712	.83
20.00	.21	5090.93	.710	.83
20.05	.20	5090.92	.707	.83
20.10	.20	5090.91	.705	.82
20.15	.20	5090.90	.702	.82
20.20	.20	5090.89	.700	.82
20.25	.20	5090.88	.697	.81
20.30	.20	5090.87	.695	.81
20.35	.20	5090.86	.692	.81
20.40	.20	5090.86	.689	.81
20.45	.20	5090.85	.687	.80
20.50	.20	5090.84	.685	.80
20.55	.20	5090.83	.682	.80
20.60	.20	5090.82	.680	.80
20.65	.20	5090.81	.677	.79
20.70	.20	5090.80	.675	.79
20.75	.20	5090.79	.672	.79
20.80	.20	5090.79	.670	.79
20.85	.20	5090.78	.667	.78
20.90	.20	5090.77	.665	.78
20.95	.20	5090.76	.663	.78
21.00	.20	5090.75	.660	.78
21.05	.20	5090.74	.658	.77
21.10	.20	5090.73	.656	.77
21.15	.20	5090.73	.653	.77
21.20	.20	5090.72	.651	.77
21.25	.20	5090.71	.648	.76
21.30	.20	5090.70	.646	.76
21.35	.20	5090.69	.644	.76

21.40	.20	5090.68	.642	.76
21.45	.20	5090.68	.639	.75
21.50	.20	5090.67	.637	.75
21.55	.20	5090.66	.635	.75
21.60	.20	5090.65	.632	.75
21.65	.20	5090.64	.630	.74
21.70	.20	5090.64	.628	.74
21.75	.19	5090.63	.626	.74
21.80	.19	5090.62	.623	.74
21.85	.19	5090.61	.621	.73
21.90	.19	5090.60	.619	.73
21.95	.19	5090.60	.617	.73
22.00	.19	5090.59	.614	.73
22.05	.19	5090.58	.612	.72
22.10	.19	5090.57	.610	.72
22.15	.19	5090.56	.608	.72
22.20	.19	5090.56	.606	.72
22.25	.19	5090.55	.604	.71
22.30	.19	5090.54	.601	.71
22.35	.19	5090.53	.599	.71

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
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22.40	.19	5090.53	.597	.71
22.45	.19	5090.52	.595	.71
22.50	.19	5090.51	.593	.70
22.55	.19	5090.50	.591	.70
22.60	.19	5090.50	.589	.70
22.65	.19	5090.49	.587	.70
22.70	.19	5090.48	.584	.69
22.75	.19	5090.47	.582	.69
22.80	.19	5090.47	.580	.69
22.85	.19	5090.46	.578	.69
22.90	.19	5090.45	.576	.69
22.95	.19	5090.44	.574	.68
23.00	.19	5090.44	.572	.68
23.05	.18	5090.43	.570	.68
23.10	.18	5090.42	.568	.68
23.15	.19	5090.41	.566	.67
23.20	.19	5090.41	.564	.67
23.25	.19	5090.40	.562	.67
23.30	.19	5090.39	.560	.67
23.35	.18	5090.39	.558	.67
23.40	.18	5090.38	.556	.66
23.45	.18	5090.37	.554	.66
23.50	.18	5090.36	.552	.66
23.55	.18	5090.36	.550	.66
23.60	.18	5090.35	.548	.66
23.65	.18	5090.34	.546	.65
23.70	.18	5090.34	.544	.65
23.75	.18	5090.33	.542	.65

23.80	.18	5090.32	.540	.65
23.85	.18	5090.32	.538	.64
23.90	.18	5090.31	.537	.64
23.95	.18	5090.30	.535	.64
24.00	.18	5090.30	.533	.64
24.05	.18	5090.29	.531	.64
24.10	.13	5090.28	.529	.63
24.15	.08	5090.27	.527	.63
24.20	.05	5090.27	.524	.63
24.25	.03	5090.26	.522	.63
24.30	.02	5090.25	.519	.62
24.35	.02	5090.24	.517	.62
24.40	.01	5090.23	.514	.62
24.45	.01	5090.22	.512	.62
24.50	.01	5090.21	.509	.61
24.55	.01	5090.20	.507	.61
24.60	.01	5090.19	.505	.61
24.65	.00	5090.19	.502	.61
24.70	.00	5090.18	.500	.60
24.75	.00	5090.17	.497	.60
24.80	.00	5090.16	.495	.60
24.85	.00	5090.15	.492	.60
24.90	.00	5090.14	.490	.59
24.95	.00	5090.13	.487	.59
25.00	.00	5090.12	.485	.59
25.05	.00	5090.12	.482	.58
25.10	.00	5090.11	.480	.58
25.15	.00	5090.10	.478	.58

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
25.20	.00	5090.09	.475	.58
25.25	.00	5090.08	.473	.57
25.30	.00	5090.07	.470	.57
25.35	.00	5090.06	.468	.57
25.40	.00	5090.06	.466	.57
25.45	.00	5090.05	.463	.56
25.50	.00	5090.04	.461	.56
25.55	.00	5090.03	.459	.56
25.60	.00	5090.02	.456	.56
25.65	.00	5090.01	.454	.55
25.70	.00	5090.01	.452	.55
25.75	.00	5090.00	.450	.55
25.80	.00	5089.98	.447	.55
25.85	.00	5089.97	.445	.54
25.90	.00	5089.96	.443	.54
25.95	.00	5089.94	.441	.54
26.00	.00	5089.93	.438	.53
26.05	.00	5089.92	.436	.53
26.10	.00	5089.91	.434	.53
26.15	.00	5089.89	.432	.52

26.20	.00	5089.88	.430	.52
26.25	.00	5089.87	.428	.52
26.30	.00	5089.86	.425	.51
26.35	.00	5089.84	.423	.51
26.40	.00	5089.83	.421	.51
26.45	.00	5089.82	.419	.50
26.50	.00	5089.81	.417	.50
26.55	.00	5089.79	.415	.50
26.60	.00	5089.78	.413	.50
26.65	.00	5089.77	.411	.49
26.70	.00	5089.76	.409	.49
26.75	.00	5089.75	.407	.49
26.80	.00	5089.73	.405	.48
26.85	.00	5089.72	.403	.48
26.90	.00	5089.71	.401	.48
26.95	.00	5089.70	.399	.47
27.00	.00	5089.69	.397	.47
27.05	.00	5089.68	.395	.47
27.10	.00	5089.67	.393	.47
27.15	.00	5089.65	.391	.46
27.20	.00	5089.64	.389	.46
27.25	.00	5089.63	.387	.46
27.30	.00	5089.62	.385	.46
27.35	.00	5089.61	.384	.45
27.40	.00	5089.60	.382	.45
27.45	.00	5089.59	.380	.45
27.50	.00	5089.58	.378	.44
27.55	.00	5089.57	.376	.44
27.60	.00	5089.56	.374	.44
27.65	.00	5089.54	.373	.44
27.70	.00	5089.53	.371	.43
27.75	.00	5089.52	.369	.43
27.80	.00	5089.51	.367	.43
27.85	.00	5089.50	.365	.43
27.90	.00	5089.49	.364	.42
27.95	.00	5089.48	.362	.42

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
28.00	.00	5089.47	.360	.42
28.05	.00	5089.46	.358	.42
28.10	.00	5089.45	.357	.41
28.15	.00	5089.44	.355	.41
28.20	.00	5089.43	.353	.41
28.25	.00	5089.42	.352	.41
28.30	.00	5089.41	.350	.40
28.35	.00	5089.40	.348	.40
28.40	.00	5089.39	.347	.40
28.45	.00	5089.38	.345	.40
28.50	.00	5089.37	.343	.39
28.55	.00	5089.36	.342	.39

28.60	.00	5089.35	.340	.39
28.65	.00	5089.34	.339	.39
28.70	.00	5089.34	.337	.38
28.75	.00	5089.33	.335	.38
28.80	.00	5089.32	.334	.38
28.85	.00	5089.31	.332	.38
28.90	.00	5089.30	.331	.37
28.95	.00	5089.29	.329	.37
29.00	.00	5089.28	.328	.37
29.05	.00	5089.27	.326	.37
29.10	.00	5089.26	.325	.37
29.15	.00	5089.25	.323	.36
29.20	.00	5089.25	.322	.36
29.25	.00	5089.24	.320	.36
29.30	.00	5089.23	.319	.36
29.35	.00	5089.22	.317	.35
29.40	.00	5089.21	.316	.35
29.45	.00	5089.20	.314	.35
29.50	.00	5089.19	.313	.35
29.55	.00	5089.18	.311	.35
29.60	.00	5089.18	.310	.34
29.65	.00	5089.17	.309	.34
29.70	.00	5089.16	.307	.34
29.75	.00	5089.15	.306	.34
29.80	.00	5089.14	.304	.34
29.85	.00	5089.14	.303	.33
29.90	.00	5089.13	.302	.33
29.95	.00	5089.12	.300	.33

PEAK DISCHARGE = 1.008 CFS - PEAK OCCURS AT HOUR 2.65
 MAXIMUM WATER SURFACE ELEVATION = 5092.826
 MAXIMUM STORAGE = 1.6374 AC-FT INCREMENTAL TIME= .050000HRS

PRINT HYD ID=3 CODE=1

PARTIAL HYDROGRAPH 103.00

RUNOFF VOLUME = 1.82960 INCHES = 1.9223 ACRE-FEET
 PEAK DISCHARGE RATE = 1.01 CFS AT 2.650 HOURS BASIN AREA = .0197 SQ. MI.

FINISH

NORMAL PROGRAM FINISH END TIME (HR:MIN:SEC) = 09:21:22
 (s0p10h4099T&l6D)

Biazar, Shahab

From: Biazar, Shahab
Sent: Wednesday, August 07, 2013 9:41 AM
To: 'Martin@goodwinengineers.com'; 'Mark@goodwinengineers.com'
Cc: Sims, Timothy E.
Subject: Hydrology Comments For Labbatt Food Services (K10/D21A)

Hi,

The following are Hydrology comments for Labbatt Food Services (K10/D21A):

- _ Include the legal description, Bench mark information, and clearly show the boundary line
- _ Are there cross lot drainage, parking, and access easements?
- _ Provide AHYMO runs and pond volume calc for the existing pond.
- _ Provide a city drainage numbers for the plans being referenced on the grading plan.
- _ Are there pump specifications?
- _ Is total affected area +/-2 acres? If so, Erosion Sediment Control Plan will be required?
- _ Are there any handicap parking areas?
- _ Provide top and bottom of wall elevations at both ends of the retaining wall.
- _ Depress all landscaping area.

Thanks and have a nice day

Shahab Biazar, P.E.

Senior Engineer

Planning Department

Development & Building Services Division

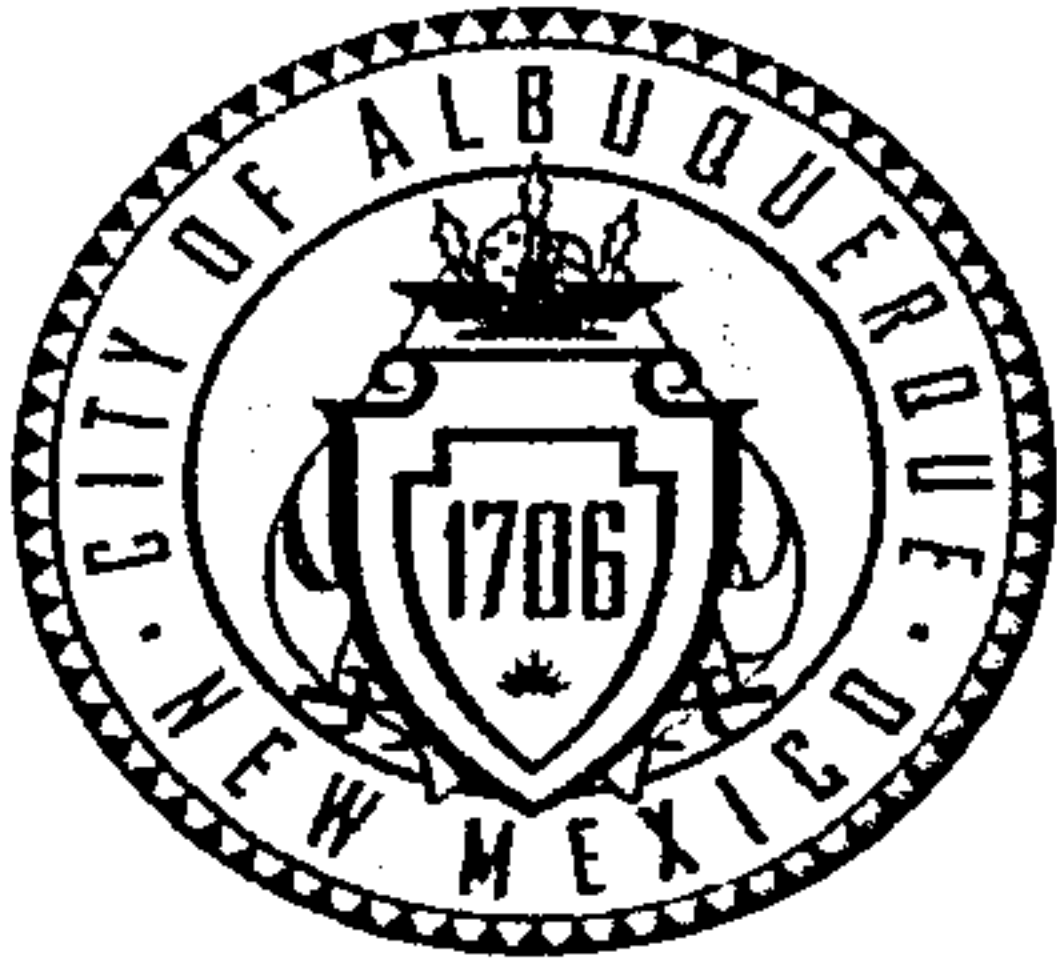
600 2nd St. NW, Suite 201

Albuquerque, NM 87102

t 505-924-3695

f 505-924-3864

8/7/2013



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Project Title: Labatt Food Services Building Permit #: _____ City Drainage #: K100021A
DRB#: _____ EPC#: _____ Work Order#: _____
Legal Description: _____
City Address: 221 Airport Drive NW Albuquerque, NM 87121

Engineering Firm: Mark Goodwin & Associates, P.A. Contact: Mark Goodwin
Address: 8916 Adams St. NE Albuquerque, NM 87113
Phone#: (505) 828-2200 Fax#: (505) 797-9539 E-mail: Mark@goodwinengineers.com

Owner: _____ Contact: _____
Address: _____
Phone#: _____ Fax#: _____ E-mail: _____

Architect: Mullen Heller Contact: Douglas Heller
Address: 924 Parks Ave. #B Albuquerque, NM 87102
Phone#: (505) 268-4144 Fax#: _____ E-mail: Doug@mullenheller.com

Surveyor: ALS, Inc. Contact: Tim Aldrich
Address: P.O. Box 30701 Albuquerque, NM
Phone#: (505) 328-3988 Fax#: _____ E-mail: Tim.Aldrich@comcast.net

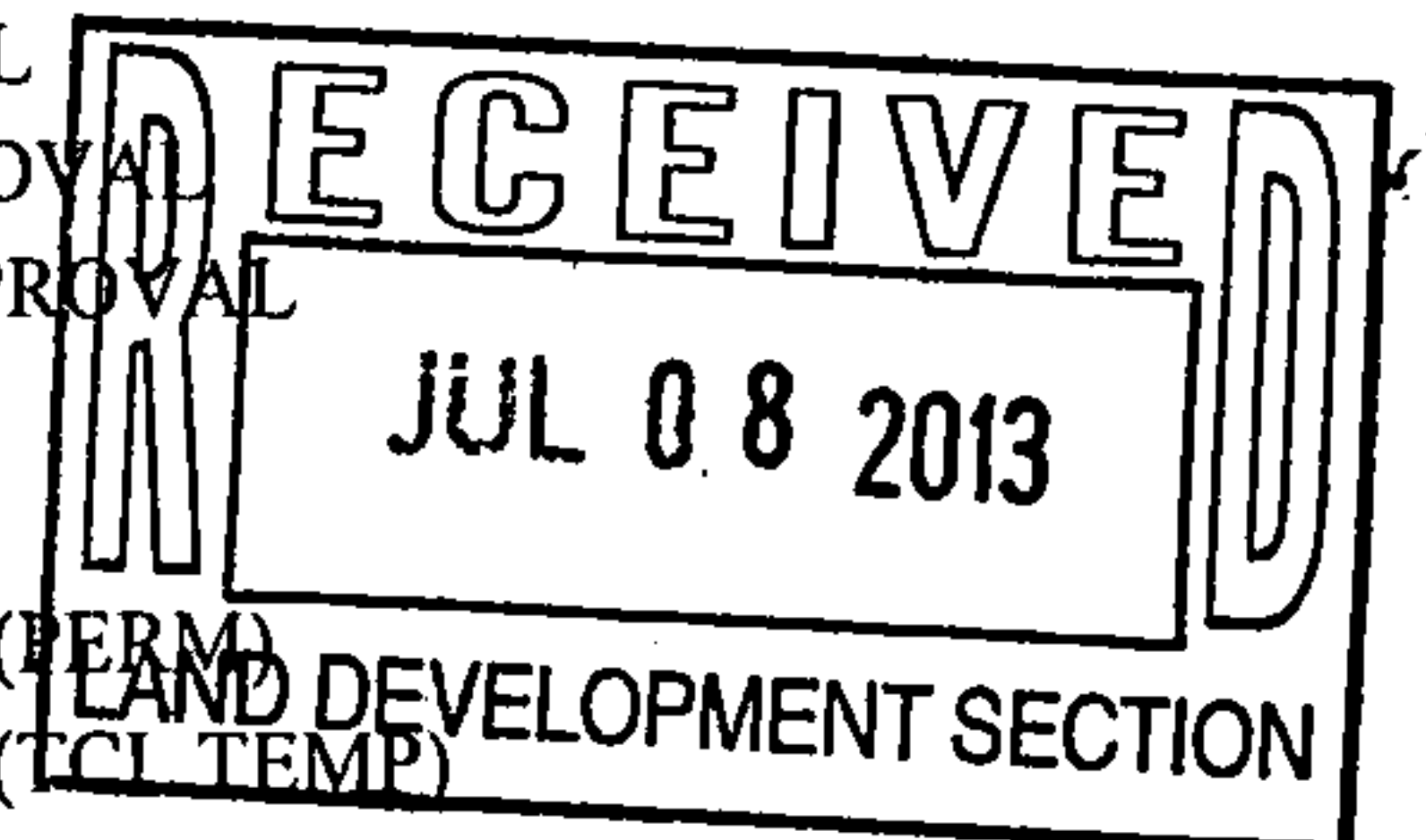
Contractor: _____ Contact: _____
Address: _____
Phone#: _____ Fax#: _____ E-mail: _____

TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT
- ☐ DRAINAGE PLAN 1st SUBMITTAL
- ☐ DRAINAGE PLAN RESUBMITTAL
- ☐ CONCEPTUAL G & D PLAN
- ☒ GRADING PLAN
- ☐ EROSION & SEDIMENT CONTROL PLAN (ESC)
- ☐ ENGINEER'S CERT (HYDROLOGY)
- ☐ CLOMR/LOMR
- ☐ TRAFFIC CIRCULATION LAYOUT (TCL)
- ☐ ENGINEER'S CERT (TCL)
- ☐ ENGINEER'S CERT (DRB SITE PLAN)
- ☐ ENGINEER'S CERT (ESC)
- ☐ SO-19
- ☐ OTHER (SPECIFY)

CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

- ☐ SIA/FINANCIAL GUARANTEE RELEASE
- ☐ PRELIMINARY PLAT APPROVAL
- ☐ S. DEV. PLAN FOR SUB'D APPROVAL
- ☐ S. DEV. FOR BLDG. PERMIT APPROVAL
- ☐ SECTOR PLAN APPROVAL
- ☐ FINAL PLAT APPROVAL
- ☐ CERTIFICATE OF OCCUPANCY (PERM)
- ☐ CERTIFICATE OF OCCUPANCY (TCL TEMP)
- ☐ FOUNDATION PERMIT APPROVAL
- ☐ BUILDING PERMIT APPROVAL
- ☒ GRADING PERMIT APPROVAL
- ☐ PAVING PERMIT APPROVAL
- ☐ WORK ORDER APPROVAL
- ☐ GRADING CERTIFICATION
- ☐ SO-19 APPROVAL
- ☐ ESC PERMIT APPROVAL
- ☐ ESC CERT. ACCEPTANCE
- ☐ OTHER (SPECIFY)



WAS A PRE-DESIGN CONFERENCE ATTENDED: ☒ Yes ☐ No ☐ Copy Provided

DATE SUBMITTED: 7-8-13 By: Mark Goodwin & Associates, P.A.

Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location, and scope to 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 subdivision containing more than ten (10) lots or constituting five (5) acres or more
4. **Erosion and Sediment Control Plan:** Required for any new development and redevelopment site with 1-acre or more of land disturbing area, including project less than 1-acre than are part of a larger common plan of development

DRAINAGE INFORMATION SHEET

PROJECT DATA:

TITLE: ZANIOS FOODS

DRNG. FILE #:K10/D21A

DRB #:

EPC #:

WORK ORDER #:

LEGAL DESCRIPTION: TRACT A-1-A-1, WEST 66 ADDITION

CITY ADDRESS: 221 AIRPORT DRIVE NW

ENGINEERING FIRM: BORDENAVE DESIGNS

CONTACT: J. BORDENAVE

ADDRESS: P.O. BOX 91194, ALB., NM, 87199

PHONE: (505) 823-1344

OWNER: ZANIOS FOODS

CONTACT: J. ZANIOS

ADDRESS: 221 AIRPORT DRIVE NW, ALB, NM, 87121

PHONE: (505) 831-1411

ARCHITECT: CLAUDIO VIGIL

CONTACT: M. TRUJILLO

ADDRESS: 1305 TIJERAS NW, ALB, NM 87102

PHONE: (505) 842-1113

SURVEYOR: BORDENAVE DISIGNS

CONTACT: J. BORDENAVE

ADDRESS: P.O. BOX 91194, ALB, NM 87199

PHONE: (505) 823-1344

CONTRACTOR:

CONTACT:

ADDRESS:

PHONE:

TYPE OF SUBMITTAL:

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

PRE-DESIGN MEETING:

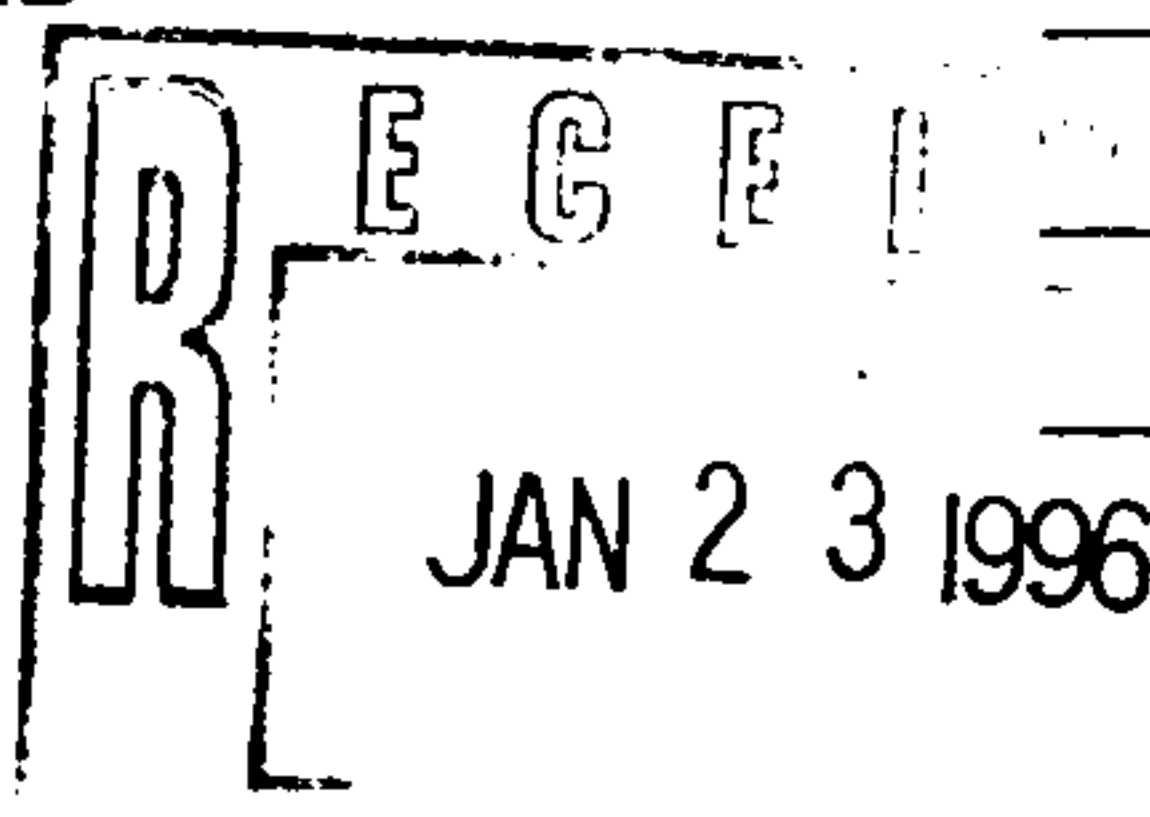
- ☐ YES
☒ NO
☐ COPY OF MINUTES PROVIDED

TYPE OF APPROVAL SOUGHT:

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

DATE SUBMITTED: 01/22/96

BY: _____



Biazar, Shahab

From: Biazar, Shahab
Sent: Monday, June 03, 2013 2:38 PM
To: 'Martin Sanchez'
Subject: RE: Pre Design Meeting - Labatt Food Service

Hi,

There is an existing drainage file (K10/D21A) for this site. The allowable discharge is 0.1 cfs/ac. Please review City of Albuquerque Drainage file # K10/D21A and let me know if you like to meet.

Thanks and have a nice day.

Shahab Biazar, P.E.

Senior Engineer
Planning Department
Development & Building Services Division
600 2nd St. NW, Suite 201
Albuquerque, NM 87102
t 505-924-3695
f 505-924-3864

From: Martin Sanchez [mailto:Martin@goodwinengineers.com]
Sent: Monday, June 03, 2013 10:22 AM
To: Biazar, Shahab
Subject: Pre Design Meeting - Labatt Food Service

Good morning Mr. Biazar,

I would like to schedule a pre design meeting with you for Labatt Food Service located at 221 Airport Drive N.W. 87121. Please let me know a time that is best for you.

Thank you,

Martin Sanchez, EIT
MARK GOODWIN & ASSOCIATES, PA
(505) 828-2200
(505) 797-9539 fax
martin@goodwinengineers.com

6/3/2013



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

April 3, 2003

J. Arthur Blessen, P.E.
Claudio Vigil Architects
1801 Rio Grande NW Suite 2
Albuquerque, New Mexico 87104

RE: ZANIOS FOODS WAREHOUSE ADDITION PHASE 4 (K-10/D21A)
(221 Airport Rd NW)
ENGINEERS CERTIFICATION FOR CERTIFICATE OF OCCUPANCY
ENGINEERS STAMP DATED 7/18/2002 Rev. 4/3/2003
ENGINEERS CERTIFICATION DATED 4/3/2003

Dear Mr. Blessen:

Based upon the information provided in your Engineers Certification submittal dated 4/4/2003, the above referenced site is approved for Permanent Certificate of Occupancy.

If I can be of further assistance, please contact me at 924-3981.

Sincerely,

Teresa A. Martin
Hydrology Plan Checker
Development & Bldg. Services Division
BLB

C: Certificate of Occupancy Clerk, COA
✓ drainage file
approval file

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/28/2003rd)

PROJECT TITLE: ZANIOS PHASE 4 ADDITION ZONE MAP/DRG. FILE #: K-10/D21A
DRB #: _____ EPC#: _____ WORK ORDER#: _____

LEGAL DESCRIPTION: LOT A-1-A-1-A WEST 66 ADDITION
CITY ADDRESS: 221 AIRPORT ROAD NW

ENGINEERING FIRM: CLAUDIO VIGIL ARCHITECT
ADDRESS: 1801 RD GRANDE BLDG.
CITY, STATE: ALBUQUERQUE NEW MEXICO

CONTACT: ARTHUR BLESSEN
PHONE: 842-1113
ZIP CODE: 87104

OWNER: _____
ADDRESS: _____
CITY, STATE: _____

CONTACT: _____
PHONE: _____
ZIP CODE: _____

ARCHITECT: _____
ADDRESS: _____
CITY, STATE: _____

CONTACT: _____
PHONE: _____
ZIP CODE: _____

SURVEYOR: _____
ADDRESS: _____
CITY, STATE: _____

CONTACT: _____
PHONE: _____
ZIP CODE: _____

CONTRACTOR: _____
ADDRESS: _____
CITY, STATE: _____

CONTACT: _____
PHONE: _____
ZIP CODE: _____

CHECK TYPE OF SUBMITTAL:

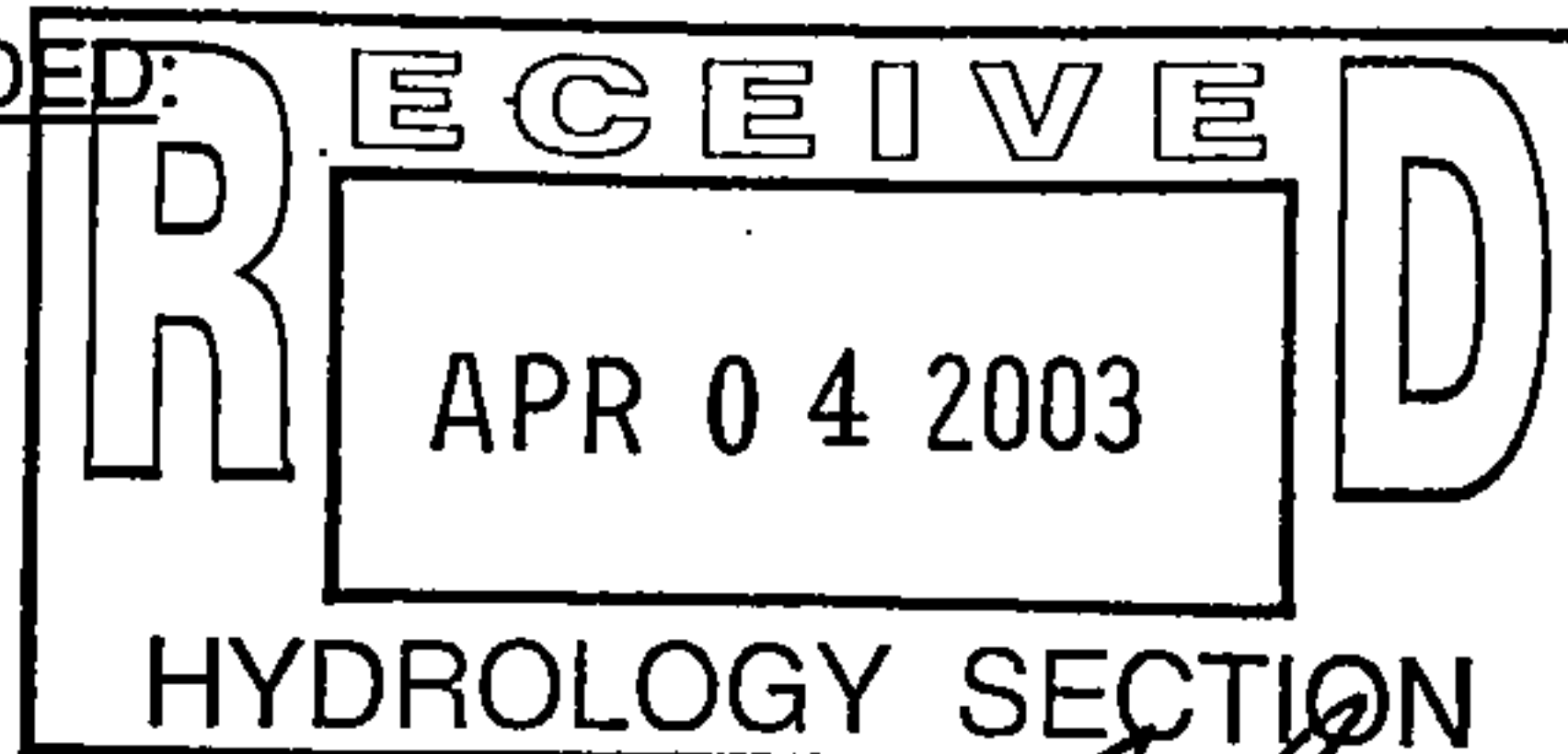
- ☐ DRAINAGE REPORT
- ☐ DRAINAGE PLAN 1st SUBMITTAL, *REQUIRES TCL or equal*
- ☐ DRAINAGE PLAN RESUBMITTAL
- ☐ CONCEPTUAL GRADING & DRAINAGE PLAN
- ☐ GRADING PLAN
- ☐ EROSION CONTROL PLAN
- ☒ ENGINEER'S CERTIFICATION (HYDROLOGY)
- ☐ CLOMR/LOMR
- ☐ TRAFFIC CIRCULATION LAYOUT (TCL)
- ☐ ENGINEERS CERTIFICATION (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. 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: 4.4.03 BY: [Signature]

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

January 10, 2001

J. Arthur Blessen, P.E.
Claudio Vigil Architects
1305 Tijeras NW
Albuquerque, NM 87102-2882

***RE: ZANIOS FOODS, WAREHOUSE ADDITION PHASE III (K10-D21A). Revised
GRADING AND DRAINAGE PLAN FOR SITE DEVELOPMENT PLAN FOR
BUILDING PERMIT APPROVAL AND FOR BUILDING PERMIT APPROVAL.
ENGINEER'S STAMP DATED DECEMBER 7, 2000.***

Dear Mr. Blessen:

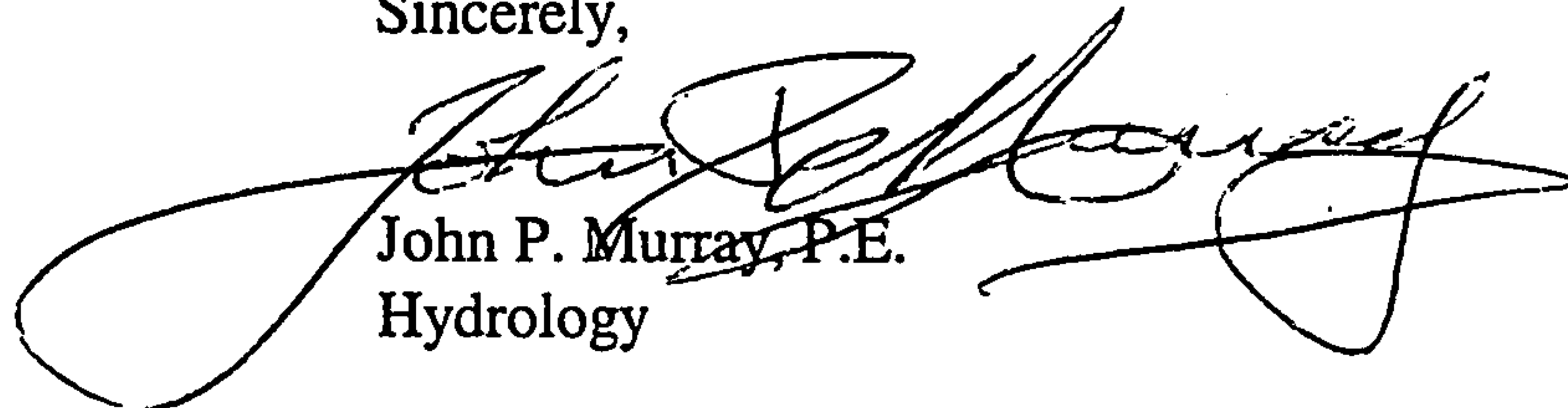
Based on the information provided on your December 7, 2000 resubmittal, the above referenced plan is approved for both Site Development Plan for Building Permit and for Building Permit.

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: Whitney Reiersen
✓ File

APPLICANT'S NAME Claudio Vigil Architects ZONE ATLAS/DRNG. FILE # K10/D21A

DRB # _____ EPC # _____ WORK ORDER # _____

LEGAL DESCRIPTION: Lots A-1-A-1 & B-1-A-1 West 66 Addition.

CITY ADDRESS: 221 Airport Road

ENGINEERING FIRM: Claudio Vigil Architects CONTACT: Arthur Blesser

ADDRESS: # 1305 Tiegras NW PHONE: 842-1113

OWNER: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

ARCHITECT: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

SURVEYOR: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

CONTRACTOR: _____ 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

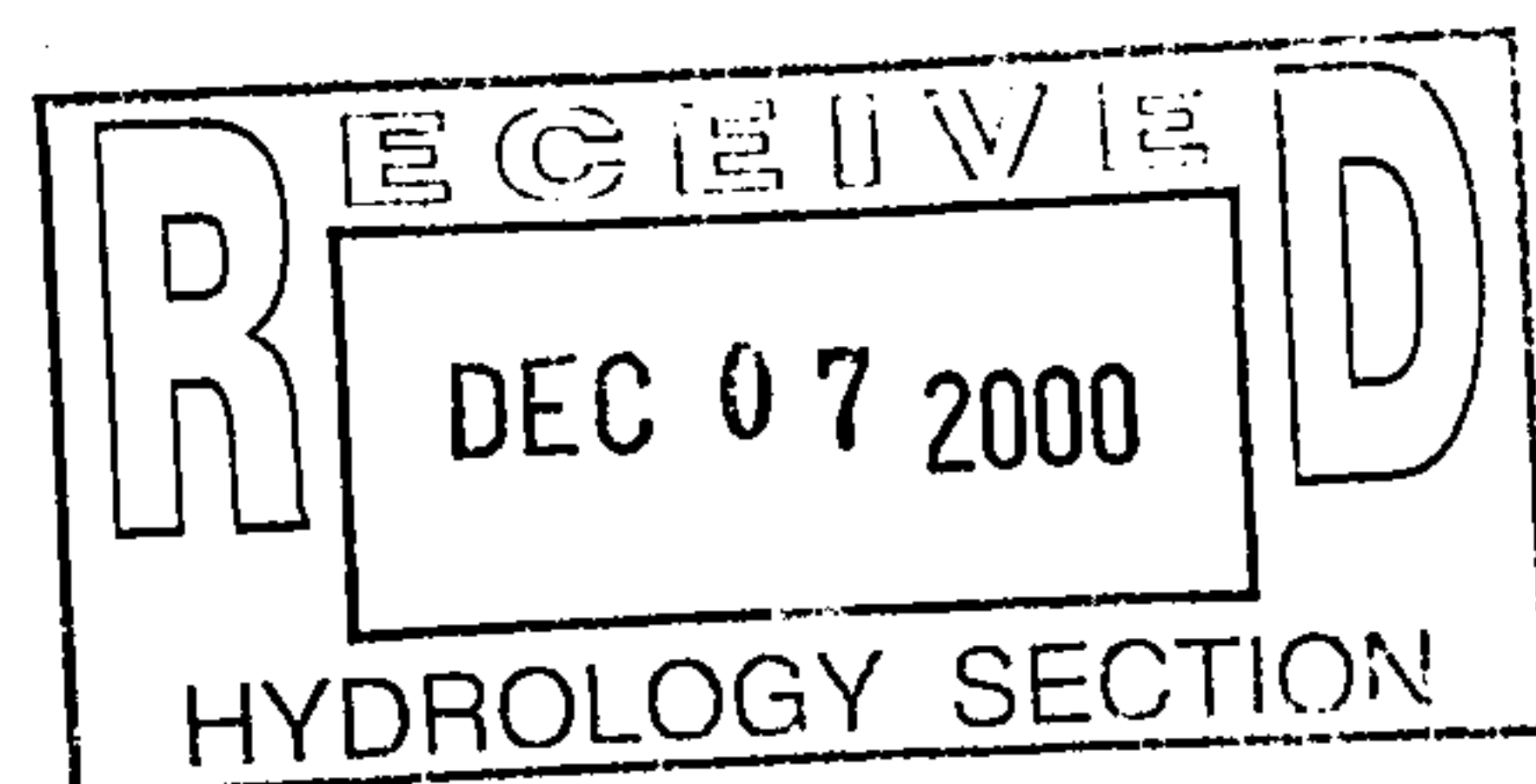
CHECK TYPE OF APPROVAL SOUGHT:

- ☐ 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
- ☒ OTHER revised Grading & Drainage (SPECIFY)

DATE SUBMITTED: Arthur Blesser

BY: 12/7/00

Revised 02/98



J Arthur Blessen

Architect / Engineer
Claudio Vigil Architects
1305 Tijeras NW
Albuquerque, New Mexico 87102
(505) 842-1113



December 5, 2000

Bradley Bingham, PE
City of Albuquerque
PO Box 1293
Albuquerque, New Mexico 87103

RE: Zanios Food Warehouse Addition Phase III Grading & Drainage Plan (K10/D21A)

Dear Mr Bingham,

Attached is the revised Grading & Drainage Plan for the Zanios Addition. The orifice modification calculations have been added to the plan.

Per our discussion pipe bollards have been added at the concrete rundown. The bollards will be set 10 feet apart to allow for maintenance

The proposed surface for the new fire lane is gravel and has been noted on the plan.

The retaining wall for the slab at the southeast corner is part of the building foundation as is the retaining wall for the loading docks.

Should you have any questions or require additional information please call.

Sincerely,

J Arthur Blessen, PE

Rucb
12/7/00



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

August 20, 2001

J. Arthur Blessen, P.E.
Claudio Vigil Architects
1801 Rio Grande Blvd NW
Albuquerque, New Mexico 87104

RE: ZANIOS FOODS, WAREHOUSE ADDITION PHASE 3 (K-10/D21A)
(221 Airport Rd NW)
ENGINEERS CERTIFICATION FOR CERTIFICATE OF OCCUPANCY
ENGINEERS PLANS DATED 9/28/2000 Rev. 12/7/2000
ENGINEERS CERTIFICATION DATED 8/10/2001

Dear Mr. Blessen:

Based upon the information provided in your Engineers Certification submittal dated 8/10/2001, the above referenced site is approved for Permanent Certificate of Occupancy for Phase 3.

If I can be of further assistance, please contact me at 924-3981.

Sincerely,

Teresa A. Martin
Hydrology Plan Checker
Public Works Department
BLB

C: Vickie Chavez, COA
✓ drainage file

DRAINAGE INFORMATION SHEET

PROJECT TITLE: ZANIOS FOODS WAREHOUSE PHASE III ZONE MAP/DRG. FILE #: K-10/D21A
DRB # _____ EPC# _____ WORK ORDER #: _____

LEGAL DESCRIPTION: LOT A-1-A-1-A (former lots A-1-A-1 & B-1-A-1)
CITY ADDRESS: 221 Airport Road

ENGINEERING FIRM: Claudio Vigil Architects CONTACT: Arthur Blesser
ADDRESS: 1801 Rio Grande Bldg PHONE: 842-1113
CITY, STATE: Albuquerque NM ZIP CODE: 87104

OWNER: Jim Zanios CONTACT: _____
ADDRESS: 221 Airport Road PHONE: _____
CITY, STATE: _____ ZIP CODE: _____

ARCHITECT: Claudio Vigil Architects CONTACT: _____
ADDRESS: _____ PHONE: _____
CITY, STATE: _____ ZIP CODE: _____

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

CONTRACTOR: Cambro Construction CONTACT: _____
ADDRESS: _____ PHONE: _____
CITY, STATE: _____ ZIP CODE: _____

TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT
- ☐ DRAINAGE PLAN
- ☐ CONCEPTUAL GRADING & DRAINAGE PLAN
- ☐ GRADING PLAN
- ☐ EROSION CONTROL PLAN
- ☒ ENGINEER'S CERTIFICATION
- ☐ CLOMR/LOMR
- ☐ OTHER

WAS A PRE-DESIGN CONFERENCE ATTENDED:

- ☐ YES
- ☐ NO
- ☐ COPY PROVIDED

CHECK TYPE OF APPROVAL SOUGHT:

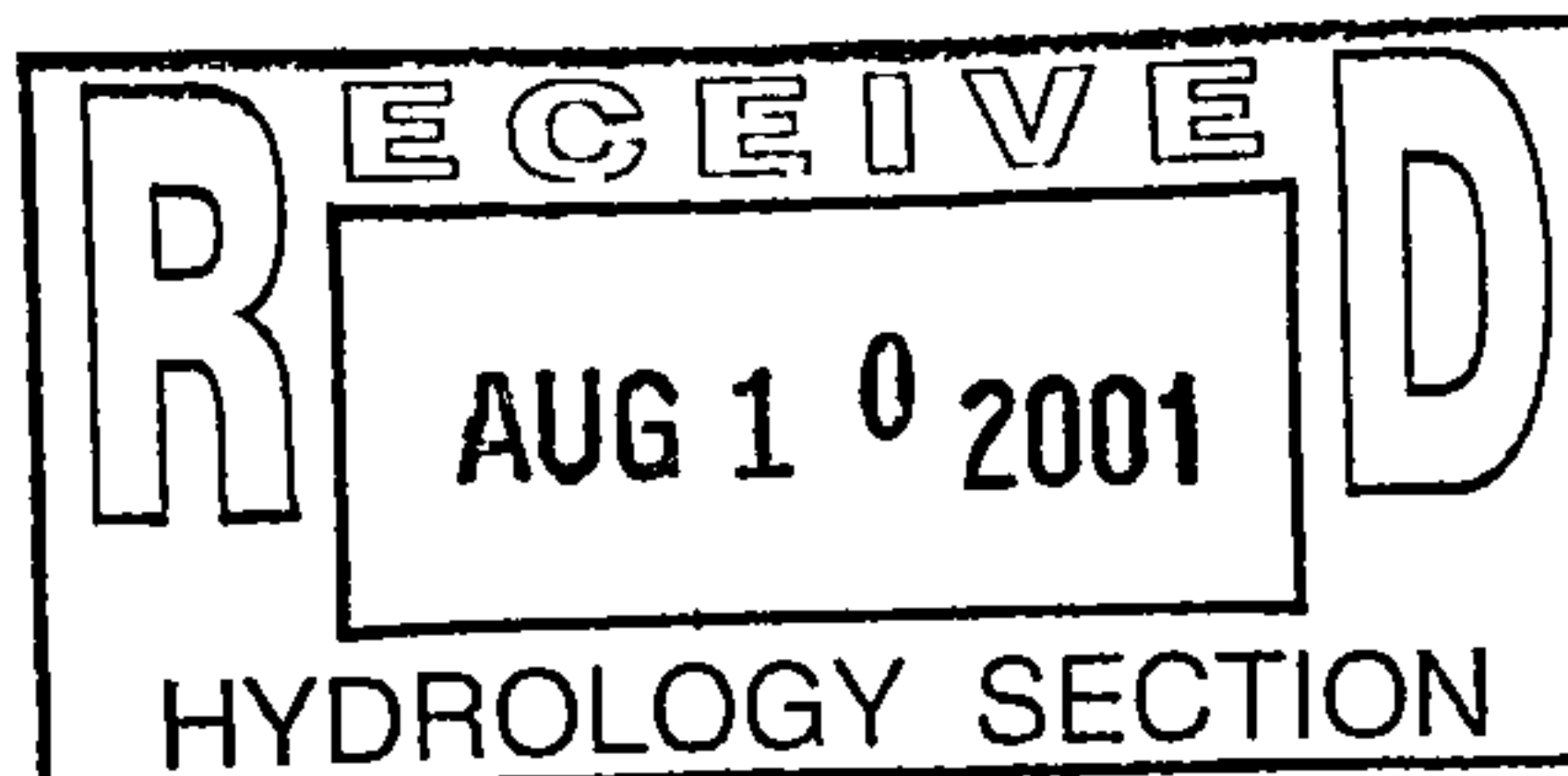
- ☐ SIA / FINANCIAL GUARANTEE RELEASE
- ☐ PRELIMINARY PLAT APPROVAL
- ☐ S. DEV. PLAN FOR SUB'D APPROVAL
- ☐ S. DEV. PLAN FOR BLDG. PERMIT APPROVAL
- ☐ SECTOR PLAN APPROVAL
- ☐ FINAL PLAT APPROVAL
- ☐ FOUNDATION PERMIT APPROVAL
- ☐ BUILDING PERMIT APPROVAL
- ☒ CERTIFICATE OF OCCUPANCY APPROVAL
- ☐ GRADING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

DATE SUBMITTED 8-10-01

BY: Arthur Blesser

Requests for approval of Site Development Plan 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 Reports:** 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

June 14, 2002

John Arthur Blessen, PE
Claudio Vigil Architects
1305 Tijeras NW
Albuquerque, NM 87102

**Re: Zanios Food Warehouse Addition Phase IV Grading & Drainage Plan
Engineer's Stamp dated 5-15-02, (K10/D21A)**

Dear Mr. Blessen,

Based upon the information provided in your submittal dated 5-17-02, the above referenced plan is approved for Site Plan for Building Permit action by the DRB. I will need to verify that the grading plan matches the DRB signed-off site plan in order to approve the Building Permit.

If you have any questions, you can contact me at 924-3986.

Sincerely,

Bradley L. Bingham, PE
Sr. Engineer, PWD
Development and Building Services

C: file

DRAINAGE INFORMATION SHEET

PROJECT TITLE: ZANIOS WAREHOUSE ADDITION PHASE 4 ZONE MAP/DRG. FILE #: K10 / D21A
DRB # _____ EPC# _____ WORK ORDER #: _____

LEGAL DESCRIPTION: TRACT A-1-A-1-A WEST 66 ADDITION

CITY ADDRESS: 221 Airport Road

ENGINEERING FIRM: Claudio Vigil Architects

ADDRESS: 1801 Rio Grande Blvd.

CITY, STATE: Albuquerque, NM

CONTACT: Arthur Blessen

PHONE: 842-1113

ZIP CODE: 87104

OWNER: Jim Zanios

ADDRESS: 221 Airport Road

CITY, STATE: _____

CONTACT: _____

PHONE: _____

ZIP CODE: _____

ARCHITECT: Claudio Vigil Architects

ADDRESS: 1801 Rio Grande Blvd

CITY, STATE: _____

CONTACT: _____

PHONE: 842-1113

ZIP CODE: _____

SURVEYOR: _____

ADDRESS: _____

CITY, STATE: _____

CONTACT: _____

PHONE: _____

ZIP CODE: _____

CONTRACTOR: _____

ADDRESS: _____

CITY, STATE: _____

CONTACT: _____

PHONE: _____

ZIP CODE: _____

TYPE OF SUBMITTAL:

- ☒ DRAINAGE REPORT
- ☒ DRAINAGE PLAN
- ☐ CONCEPTUAL GRADING & DRAINAGE PLAN
- ☒ GRADING PLAN
- ☐ EROSION CONTROL PLAN
- ☐ ENGINEER'S CERTIFICATION
- ☐ CLOMR/LOMR
- ☐ OTHER

WAS A PRE-DESIGN CONFERENCE ATTENDED:

- ☐ YES
- ☒ NO
- ☐ COPY PROVIDED

CHECK TYPE OF APPROVAL SOUGHT:

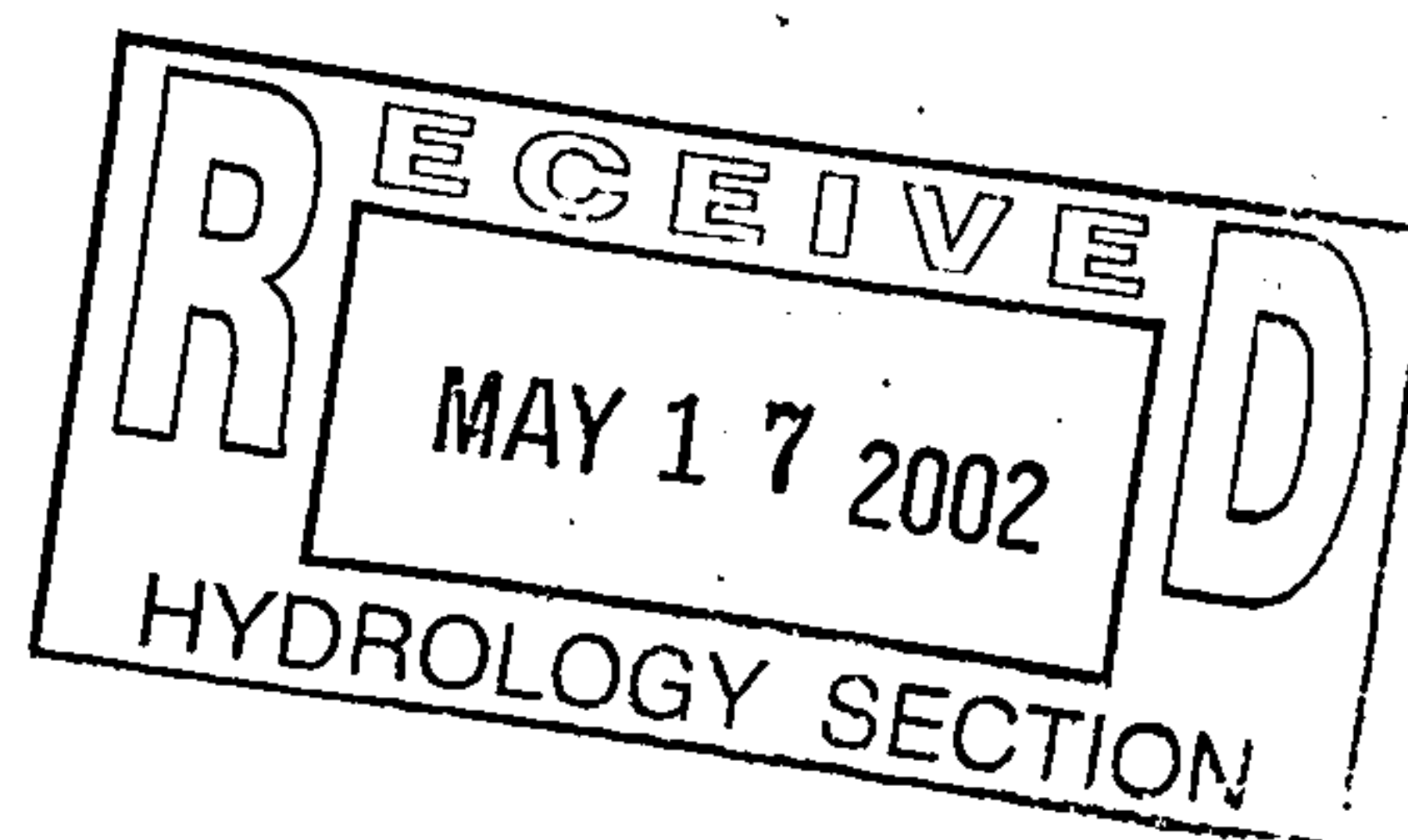
- ☐ SIA / FINANCIAL GUARANTEE RELEASE
- ☐ PRELIMINARY PLAT APPROVAL
- ☐ S. DEV. PLAN FOR SUB'D APPROVAL
- ☒ S. DEV. PLAN FOR BLDG. PERMIT APPROVAL
- ☐ SECTOR PLAN APPROVAL
- ☐ FINAL PLAT APPROVAL
- ☐ FOUNDATION PERMIT APPROVAL
- ☒ BUILDING PERMIT APPROVAL
- ☐ CERTIFICATE OF OCCUPANCY APPROVAL
- ☐ GRADING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

DATE SUBMITTED 5-17-02

BY: Arthur Blessen

Requests for approval of Site Development Plan 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 Reports:** 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

November 30, 2000

John Arthur Blessen, PE
Claudio Vigil Architects
1305 Tijeras NW
Albuquerque, NM 87102

**Re: Zanios Food Warehouse Addition Phase III Grading & Drainage Plan
Engineer's Stamp dated 9-25-00, (K10/D21A)**

Dear Mr. Blessen,

Based upon the information provided in your submittal dated 9-26-00, the above referenced plan cannot be approved for Site Plan for Building Permit or Building Permit until the following comments are addressed.

- Please provide calculations for the modification of the standpipe in the existing pond. What elevation are the holes you plan to enlarge?
- Why are the rundowns 17 feet wide?
- What is the proposed treatment around new swale? Asphalt is called out but the detail shows dirt.
- The slab on the south appears to need a retaining wall.

If you have any questions, you can contact me at 924-3986.

Sincerely,

Bradley L. Bingham, PE
Sr. Engineer, Hydrology

C: file

APPLICANT'S NAME: Claudio Vigil Architects ZONE ATLAS/DRNG. FILE #: K10 / #D21A

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

LEGAL DESCRIPTION: Tract A-1-A-1 + B-1-A-1

CITY ADDRESS: 221 Airport Road

ENGINEERING FIRM: Claudio Vigil Architects

CONTACT: Arthur Blessen

ADDRESS: 1305 Tijeras, NW

PHONE: 842-1113

OWNER: Jim Zanios

CONTACT: Jim Zanios

ADDRESS: 221 Airport Rd.

PHONE: _____

ARCHITECT: Claudio Vigil Architects

CONTACT: Arthur Blessen

ADDRESS: 1305 Tijeras, NW

PHONE: 842-1113

SURVEYOR: _____

CONTACT: _____

ADDRESS: _____

PHONE: _____

CONTRACTOR: Cambro Construction

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:

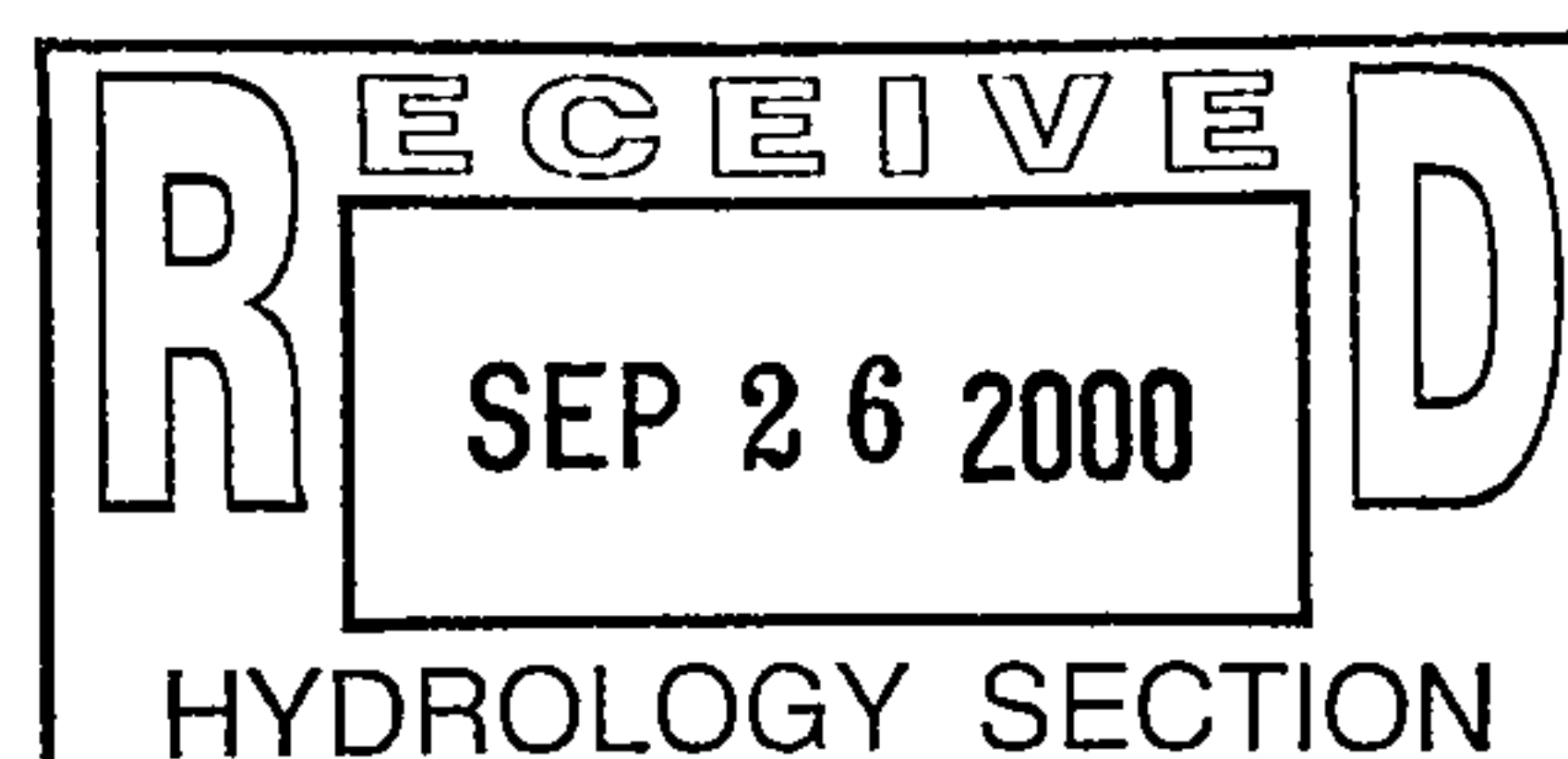
- ☐ YES
☒ NO
☐ COPY PROVIDED

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
☐ OTHER _____ (SPECIFY)

DATE SUBMITTED: 9-26-00

BY: 9-26-00



Drainage Information Sheet

Applicant Name: Claudio Vigil Architects
DRB# _____ EPC# _____

Zone Atlas / Drng. File # **K10 / D21**
Work Order # _____

Legal Description **Tract A-1-A-1 & B-1-A-1**
City Address **221 Airport Road**

Engineering Firm Claudio Vigil Architects
Address: 1305 Tijeras NW

Contact Arthur Blessen
Phone (505) 842-1113

Owner: Jim Zanos
Address: 221 Airport Road

Contact Jim Zanos
Phone _____

Architect Claudio Vigil Architects
Address: 1305 Tijeras NW

Contact Arthur Blessen
Phone (505) 842-1113

Surveyor:
Address: _____

Contact
Phone _____

Contractor: Cambro Construction
Address: _____

Contact
Phone _____

Type of Submittal

- ☒ Drainage Report
- ☒ Drainage Plan
- ☐ Conceptual Grading & Drainage Plan
- ☒ Grading Plan
- ☐ Erosion Control Plan
- ☐ Engineer's Certification
- ☐ Other _____

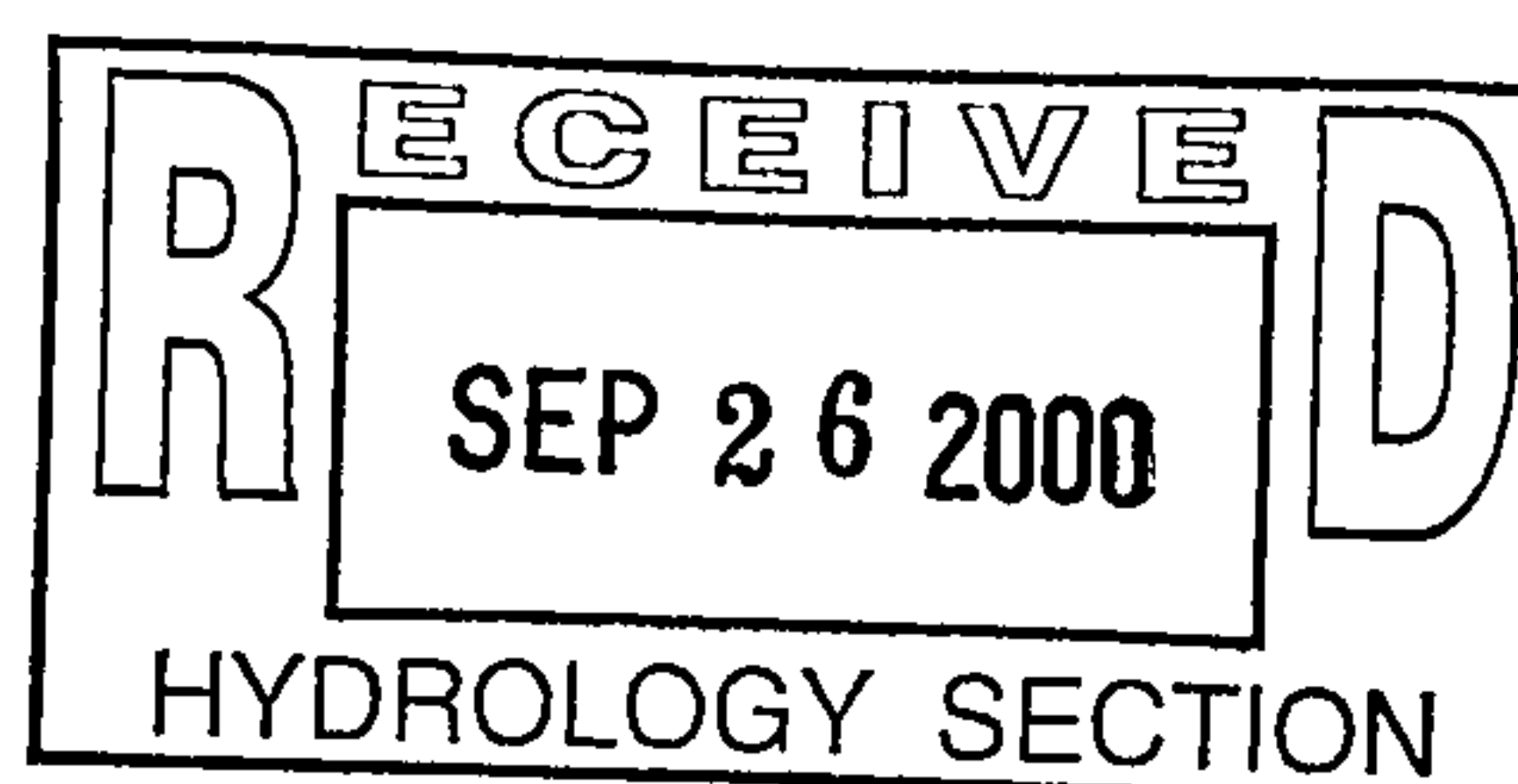
Pre-Design Meeting

- ☐ Yes
- ☒ No
- ☐ Copy Provided

Date Submitted 26-Sep-2000
By J Arthur Blessen

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
- ☐ Certificate of Occupancy Approval
- ☐ Grading Permit Approval
- ☐ Paving Permit Approval
- ☐ S.A.D Drainage Report
- ☐ Drainage Requirements
- ☐ Subdivision Certification
- ☐ Other _____ (specify)



DRAINAGE INFORMATION SHEET

PROJECT DATA:

TITLE: ZANIOS FOODS

DRNG. FILE #:K10/D21A

DRB #:

EPC #:

WORK ORDER #:

LEGAL DESCRIPTION: TRACT A-1-A-1, WEST 66 ADDITION

CITY ADDRESS: 221 AIRPORT DRIVE NW

ENGINEERING FIRM: BORDENAVE DESIGNS

CONTACT: J. BORDENAVE

ADDRESS: P.O. BOX 91194, ALB., NM, 87199

PHONE: (505) 823-1344

OWNER: ZANIOS FOODS

CONTACT: J. ZANIOS

ADDRESS: 221 AIRPORT DRIVE NW, ALB, NM, 87121

PHONE: (505) 831-1411

ARCHITECT: CLAUDIO VIGIL

CONTACT: M. TRUJILLO

ADDRESS: 1305 TIJERAS NW, ALB, NM 87102

PHONE: (505) 842-1113

SURVEYOR: BORDENAVE DISIGNS

CONTACT: J. BORDENAVE

ADDRESS: P.O. BOX 91194, ALB, NM 87199

PHONE: (505) 823-1344

CONTRACTOR:

CONTACT:

ADDRESS:

PHONE:

TYPE OF SUBMITTAL:

☐ CONCEPT GRADING & DRAINAGE PLAN

☒ GRADING PLAN

☐ DRAINAGE PLAN

☐ DRAINAGE REPORT

☐ EROSION CONTROL PLAN

☐ ENGINEER'S CERTIFICATION

☐ OTHER:

TYPE OF APPROVAL SOUGHT:

☐ SECTOR PLAN

☐ SKETCH PLAT

☐ PRELIMINARY PLAT

☐ FINAL PLAT

☐ SITE DEV. PLAN FOR SUBD.

☐ SITE DEV. PLAN FOR PERMIT

☐ GRADING PERMIT

☐ PAVING PERMIT

☐ FOUNDATION PERMIT

☒ BUILDING PERMIT

☐ CERTIFICATE OF OCCUPANCY

☐ S.A.D. DRAINAGE REPORT

☐ DRAINAGE REQUIREMENTS

☐ OTHER:

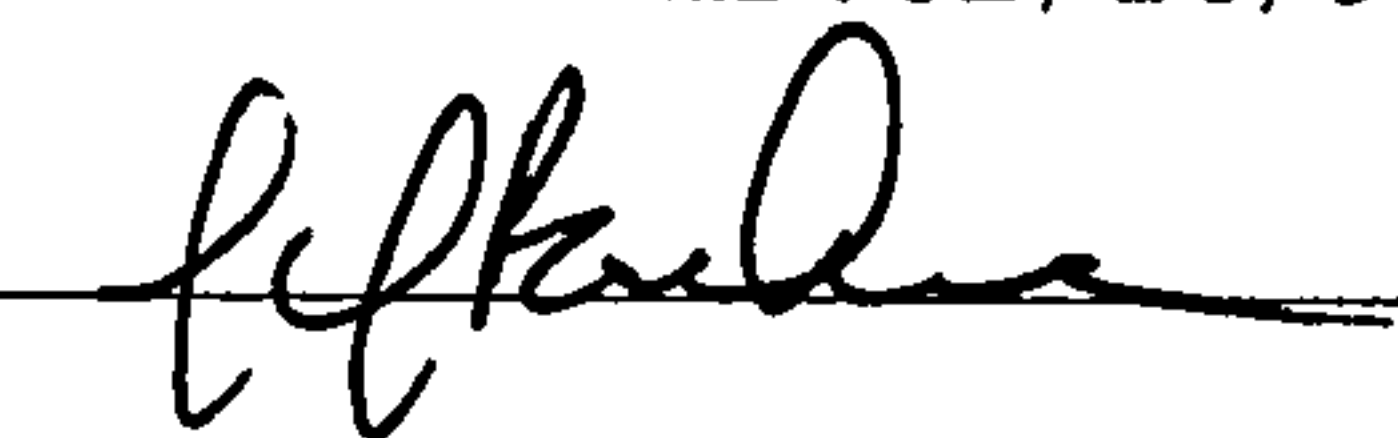
PRE-DESIGN MEETING:

☐ YES

☒ NO

☐ COPY OF MINUTES PROVIDED

DATE SUBMITTED: 02/14/96

BY: 

FEB 15 1996

Bordenave Designs

February 12, 1996

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

Attn: Lisa Manwill
Re: K10-D21A

Dear Ms. Manwill

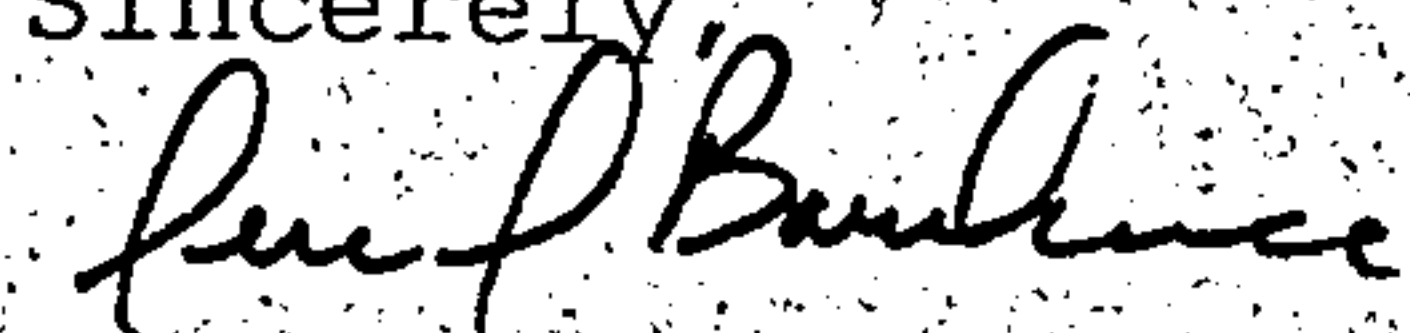
The following letter is written in response to your comments dated 02/02/96. The responses are written in the same order as the comments.

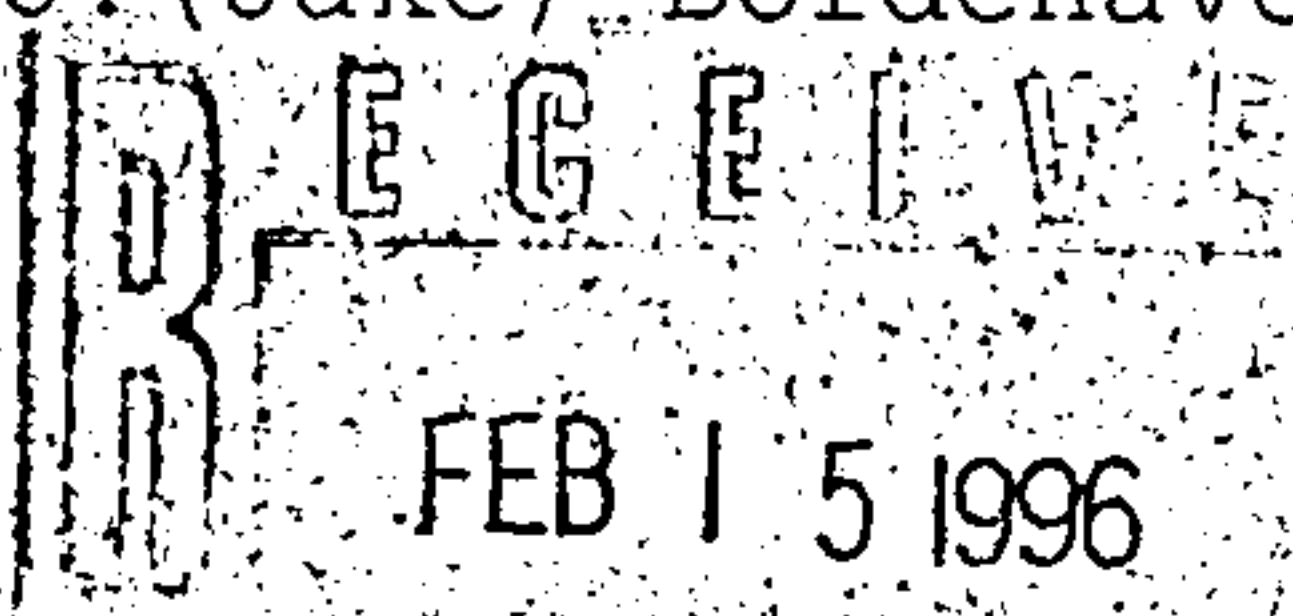
1. The proposed construction is labeled "new building" and "new paving" as well as the alteration of the existing concrete rundown.
2. The building increases the amount of runoff generated.
3. The drainage calculations are in the file K10-D21.
4. The existing finish floor has been designated as the TBM since it is this item that must match. The designation has been added to the plan.

The site was designed for the ultimate condition and the future construction was shown on the original submittal. This was done to facilitate future reviews and to assure those in the approval process that the facilities were adequate. The detention pond and controlled outlet was constructed in Phase I of the construction.

Thank you for your review.

Sincerely,


Jean J. (Jake) Bordenave


FEB 15 1996

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

per what
where?
I see call for the SD in Airport.
Nothing for this site
yes, but it appears that developed calculations were most considered



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

February 2, 1996

J. Bordenave
Bordenave Designs
P.O. Box 91194
Albuquerque, NM 87199

**RE: ZANIOS FOODS (K10-D21A) GRADING PLAN FOR BUILDING PERMIT
APPROVAL. ENGINEER'S STAMP DATED 1-22-96.**

Dear Mr. Bordenave:

Based on the information provided on your January 23, 1996
submittal, City Hydrology has the following comments:

1. What is being built? I assume it is the structure
titled "New Building." A short narrative, explaining
the intent of the plan would be very helpful.
2. What effect does the building(s) have on the amount of
runoff generated?
3. Please provide drainage calculations.
4. Show, on the plan sheet, an on-site, temporary bench
mark

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

Sincerely,


Lisa Ann Manwill
Engineering Assoc./Hyd.

c: Andrew Garcia
File

BORDENAVE DESIGNS

FAXDate: 02/29/96Number of pages including cover sheet: 3

To:

City of AlbuquerquePWD/HydrologyAttn: Lisa ManwillPhone: 768-3622Fax phone: 768-3629CC:

From:

Jean J. (Jake) BordenavePhone: (505)823-1344Fax phone: (505)823-1344

REMARKS:

☐ Urgent☒ For your review☐ Reply ASAP☐ Please comment

THIS WILL MAKE YOUR REVIEW A LOT EASIER. TRYING TO UNDERSTAND WHAT TOOK PLACE FIVE YEARS AGO BY READING THE FILES CAN BE EXASPERATING AT BEST. PLEASE CALL IF YOU NEED MORE DATA.



February 29, 1996

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

Attn: Lisa Manwill
Re: K10-D21A

Dear Ms. Manwill

The original drainage data was prepared prior to use of AHYMO by the City. The attached information is submitted for your use in determining the adequacy of the existing pond using current hydrology. The data is based on the area being located in rainfall zone 1.

All land treatment A area is on the two lots south of the subject site. These lots are to provide their own ponding areas when they are developed. The subject site is considered fully developed in the determining the land treatment distribution shown on the attached table. The as-built pond has a capacity of approximately 51560 cubic feet. From the attached table the 6 hour runoff volume is 49379 cubic feet. Therefore the detention pond has more than adequate storage capacity.

If additional information is needed to review the plan please notify me.

Sincerely,

A handwritten signature in dark ink, appearing to read 'Jean U. Bordenave', is written over the typed name.

Jean U. (Jake) Bordenave

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

CONDITION	B A S I N	STORM RETURN PERIOD	TREATMENT TYPE	TREATMENT AREA	EXCESS PRECIPITATION	PEAK RUNOFF	RUNOFF VOLUME	RUNOFF RATE
-	-	year	(table 4) -	sq. ft.	(table 8) in.	(table 9) cfs/acre	cu. ft.	cfs
DEVELOPED		10	A	262536	0.08	0.24	1750	1.45
			B	72425	0.22	0.76	1328	1.26
			C	4100	0.44	1.49	150	0.14
			D	215458	1.24	2.89	22264	14.29
			TOTAL	554519			25492	17.14
		100	A	262536	0.44	1.29	9626	7.77
			B	72425	0.67	2.03	4044	3.38
			C	4100	0.99	2.87	338	0.27
			D	215458	1.97	4.37	35371	21.62
			TOTAL	554519			49379	33.04



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

October 29, 1993

Jake Bordenave
Bordenave Designs
Post Office Box 91194
Albuquerque, New Mexico 87199

RE: ENGINEER CERTIFICATION FOR CERTIFICATE OF OCCUPANCY RELEASE FOR
ZANIOS FOODS (K10-D21A), ENGINEER'S CERTIFICATION DATED OCTOBER 25,
1993.

Dear Mr. Bordenave:

Based on the information provided on your referenced submittal received
October 26, 1993, the plan is acceptable for Certification of Occupancy
release.

This plan meets all the outstanding drainage commitments for this site and
termination of the Drainage Agreement and Drainage Covenant may begin with
City Legal.

If I can be of further assistance, please feel free to contact me at 768-2650.

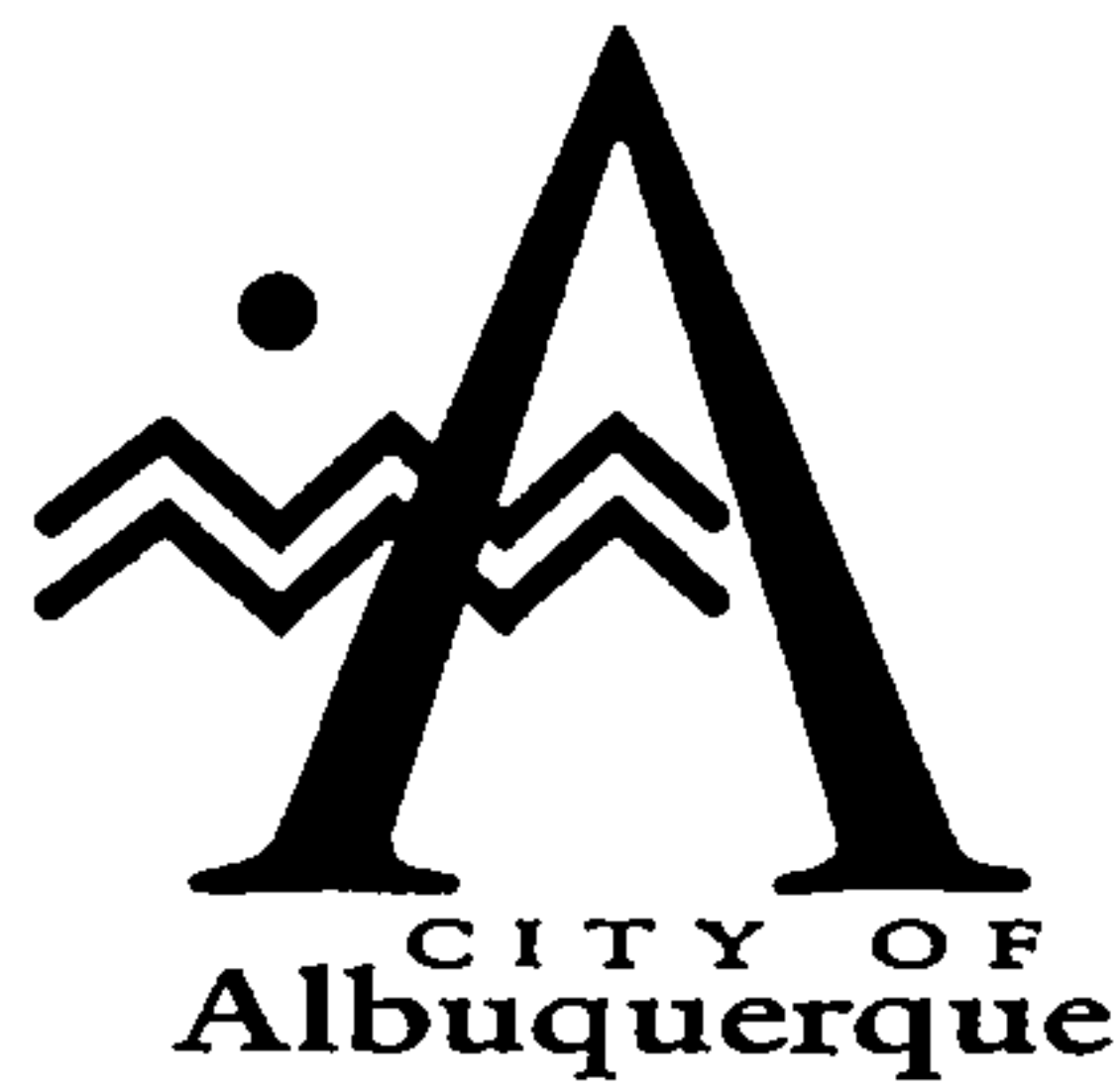
Cordially,

Gilbert Aldaz, P.E. & P.S.
Civil Engineer/Hydrology

GA/d1/WPHYD/7401

xc: Henry A. Kelly, Attorney
Edward R. Pearson, City Attorney
Alan Martinez, Hydrology
File

PUBLIC WORKS DEPARTMENT



November 9, 1998

Jake Bordenave
Bordenave Design
P.O. Box 91194
Albuquerque, New Mexico 87199

RE: DRAINAGE PLAN FOR AN ADDITION TO ZANIOS FOODS (K10-D21) ENGINEER'S
STAMP DATED 10/2/98

Dear Mr. Bordenave:

Based on the information provided on your October 8, 1998 submittal, the above referenced site is approved for Building Permit.

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

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

If I can be of further assistance, please feel free to contact me at 924-3986.

C: Andrew Garcia
File ✓

Sincerely

Bernie J. Montoya CE
Associate Engineer

Good for You, Albuquerque!



DRAINAGE INFORMATION SHEET

PROJECT DATA:

TITLE: ZANIOS FOODS

DRNG. FILE #:K10/D21A

DRB #:

EPC #:

WORK ORDER #:

LEGAL DESCRIPTION: TRACT A-1-A-1, WEST 66 ADDITION

CITY ADDRESS: 221 AIRPORT DRIVE NW

ENGINEERING FIRM: BORDENAVE DESIGNS

CONTACT: J. BORDENAVE

ADDRESS: P.O. BOX 91194, ALB., NM, 87199

PHONE: (505) 823-1344

OWNER: ZANIOS FOODS

CONTACT: J. ZANIOS

ADDRESS: 221 AIRPORT DRIVE NW, ALB, NM, 87121

PHONE: (505) 831-1411

ARCHITECT: CLAUDIO VIGIL

CONTACT: M. TRUJILLO

ADDRESS: 1305 TIJERAS NW, ALB, NM 87102

PHONE: (505) 842-1113

SURVEYOR: BORDENAVE DISIGNS

CONTACT: J. BORDENAVE

ADDRESS: P.O. BOX 91194, ALB, NM 87199

PHONE: (505) 823-1344

CONTRACTOR: CAMBRO CONST.

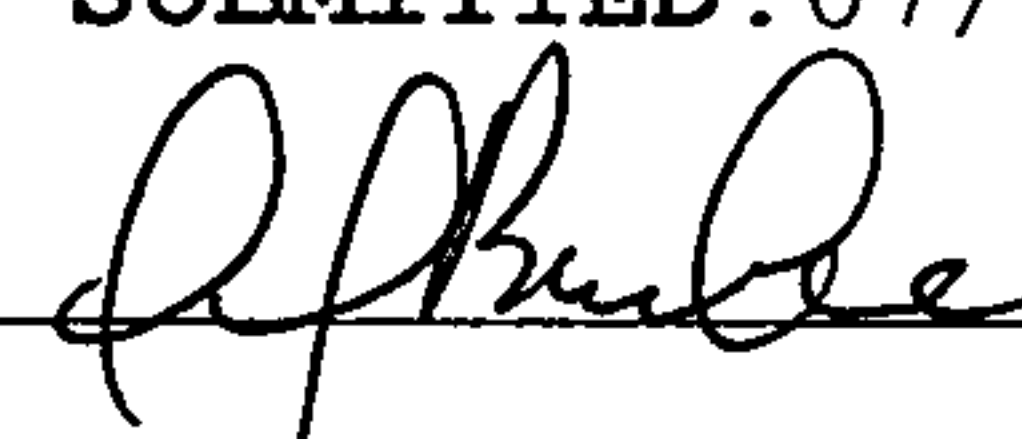
CONTACT: B. DOOSE

ADDRESS: 7424 2nd NW, ALB NW, 87107

PHONE: 345-1133

TYPE OF SUBMITTAL:☐ CONCEPT GRADING & DRAINAGE PLAN☐ GRADING PLAN☐ DRAINAGE PLAN☐ DRAINAGE REPORT☐ EROSION CONTROL PLAN☒ ENGINEER'S CERTIFICATION☐ OTHER:**PRE-DESIGN MEETING:**☐ YES☐ NO☐ COPY OF MINUTES PROVIDED**TYPE OF APPROVAL SOUGHT:**☐ SECTOR PLAN☐ SKETCH PLAT☐ PRELIMINARY PLAT☐ FINAL PLAT☐ SITE DEV. PLAN FOR SUBD.☐ SITE DEV. PLAN FOR PERMIT☐ GRADING PERMIT☐ PAVING PERMIT☐ FOUNDATION PERMIT☐ BUILDING PERMIT☒ CERTIFICATE OF OCCUPANCY☐ S.A.D. DRAINAGE REPORT☐ DRAINAGE REQUIREMENTS☐ OTHER:

DATE SUBMITTED: 07/31/96

BY: 

JUL 3 1996



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

March 1, 1996

J. Bordenave
Bordenave Designs
P.O. Box 91194
Albuquerque, NM 87199

**RE: ZANIOS FOODS (K10-D21A) GRADING PLAN FOR BUILDING PERMIT
APPROVAL. ENGINEER'S STAMP DATED 2-9-96.**

Dear Mr. Bordenave:

Based on the information provided on your February 15, 1996
submittal, the above referenced project is approved for Building
Permit.

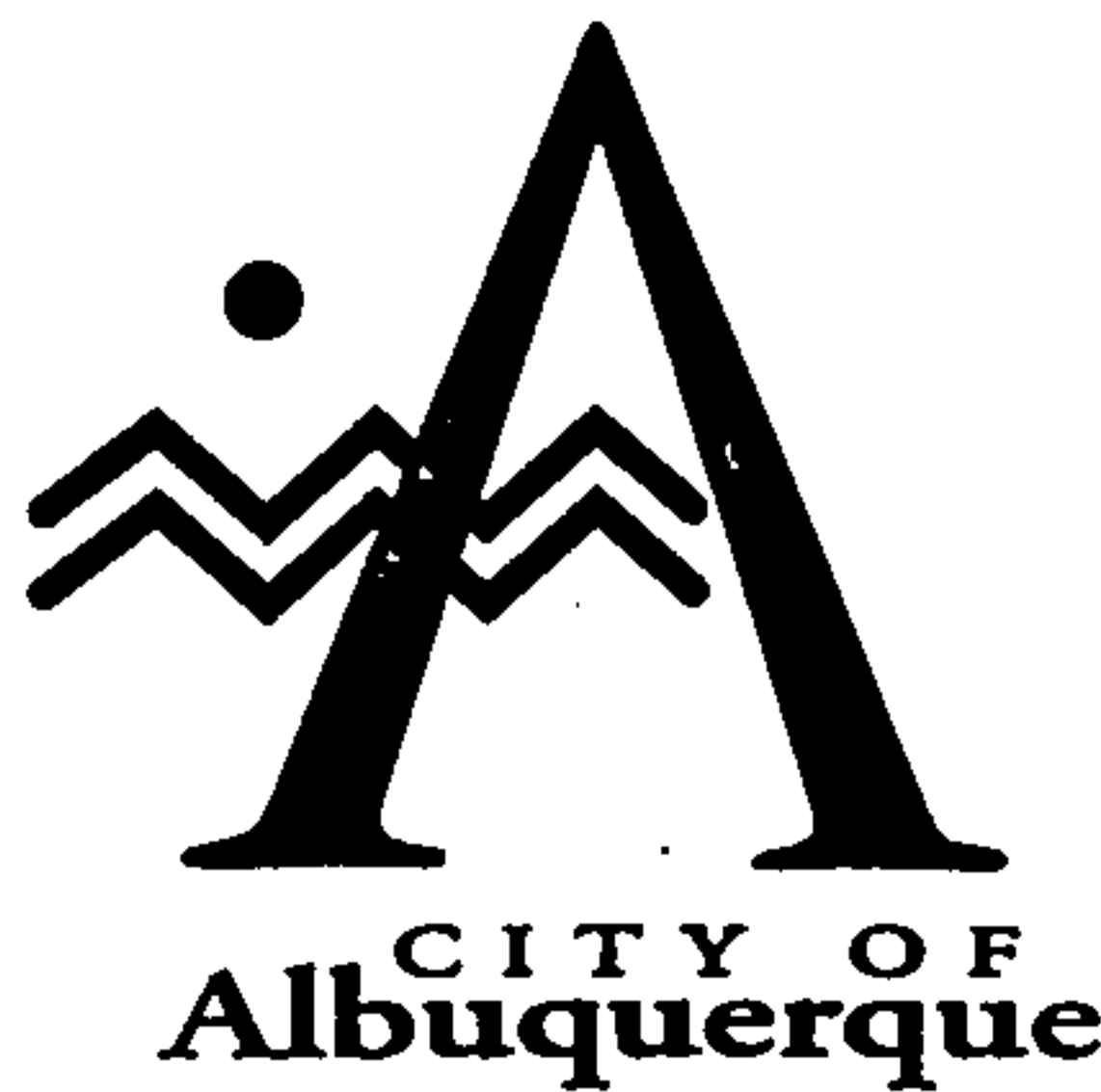
Prior to Certificate of Occupancy approval, an Engineer's
Certification will be required.

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

Sincerely,

Lisa Ann Manwill
Engineering Assoc./Hyd.

c: Andrew Garcia
~~File~~



August 16, 1996

Martin J. Chávez, Mayor

J. Bordenave
Bordenave Designs
P.O. Box 91194
Albuquerque, NM 87199

**RE: ZANIOS FOODS (K10-D21A). ENGINEER'S CERTIFICATION FOR
CERTIFICATE OF OCCUPANCY. ENGINEER'S CERTIFICATION DATED
JULY 31, 1996.**

Dear Mr. Bordenave:

Based on the information provided on your July 31, 1996
submittal, the above referenced project is approved for
Certificate of Occupancy.

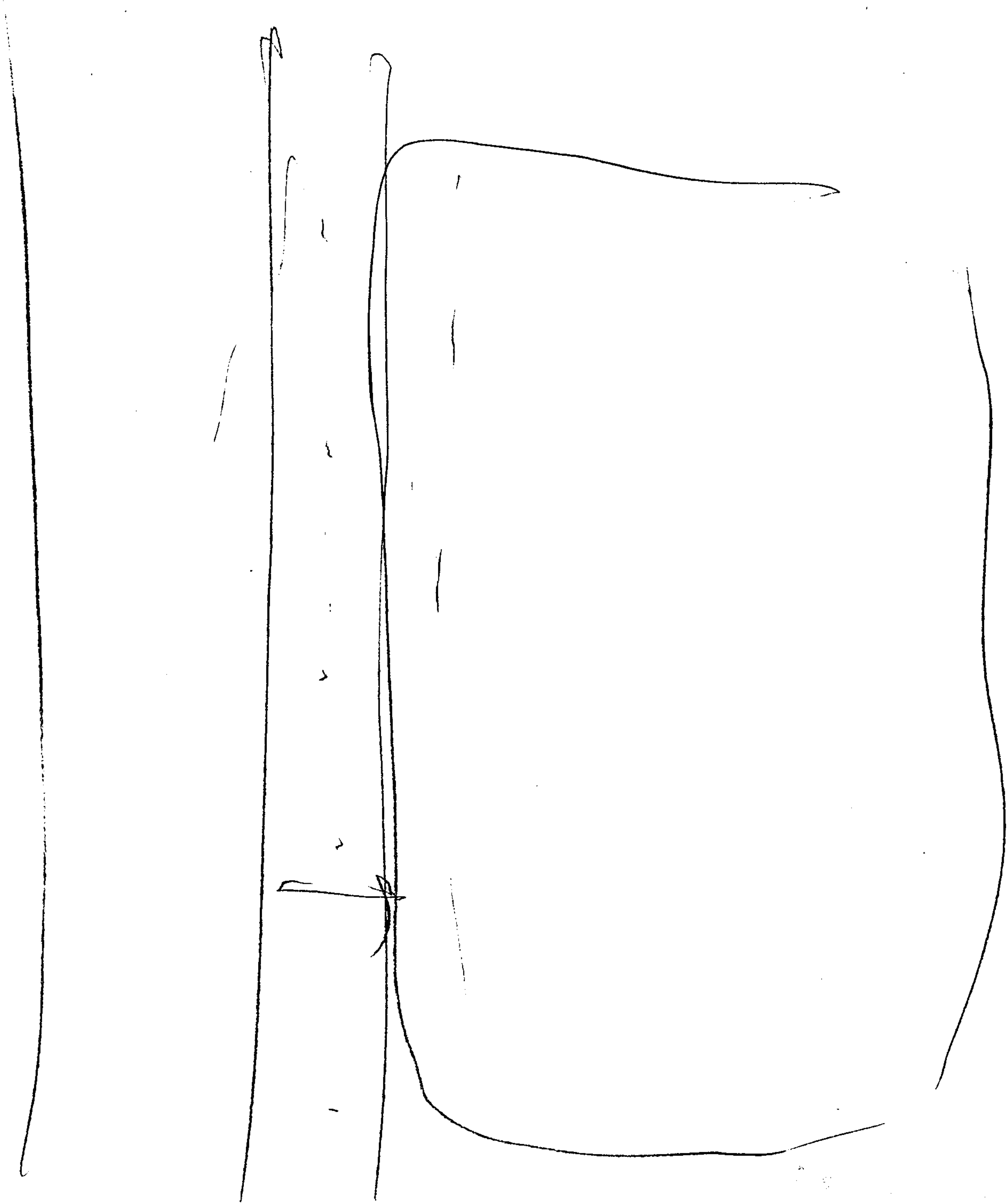
If I can be of further assistance, please feel free to contact me
at 768-3622.

Sincerely,

Lisa Ann Manwill
Engineering Assoc./Hyd.

c: Andrew Garcia
File





DRAINAGE INFORMATION SHEET

PROJECT DATA:

TITLE: ZANIOS FOODS

DRNG. FILE #: K10/D21

DRB #: -

EPC #: -

WORK ORDER #: -

LEGAL DESCRIPTION: TRACT A-1-A-1, WEST 66 ADDITION

CITY ADDRESS: 221 AIRPORT DRIVE NW

ENGINEERING FIRM: BORDENAVE DESIGNS

CONTACT: J. BORDENAVE

ADDRESS: P.O. BOX 91194, 87199

PHONE: 823-1344

OWNER: ZANIOS FOODS

CONTACT: J. ZANIOS

ADDRESS: 221 ARIPORT DRIVE NW 871221

PHONE: 831-1411

ARCHITECT: LA RESOLANA

CONTACT: E. HILCHEY

ADDRESS: 4805 MCKNIGHT NE 87110

PHONE: 255-3120

SURVEYOR: BORDENAVE DESIGNS

CONTACT: J. BORDENAVE

ADDRESS: P.O. BOX 91194, 87199

PHONE: 823-1344

CONTRACTOR: PREFERRED BUILDING SYSTEMS

CONTACT:

ADDRESS: 9100 PAN AMERICAN NE 87113

PHONE: 822-0800

TYPE OF SUBMITTAL:

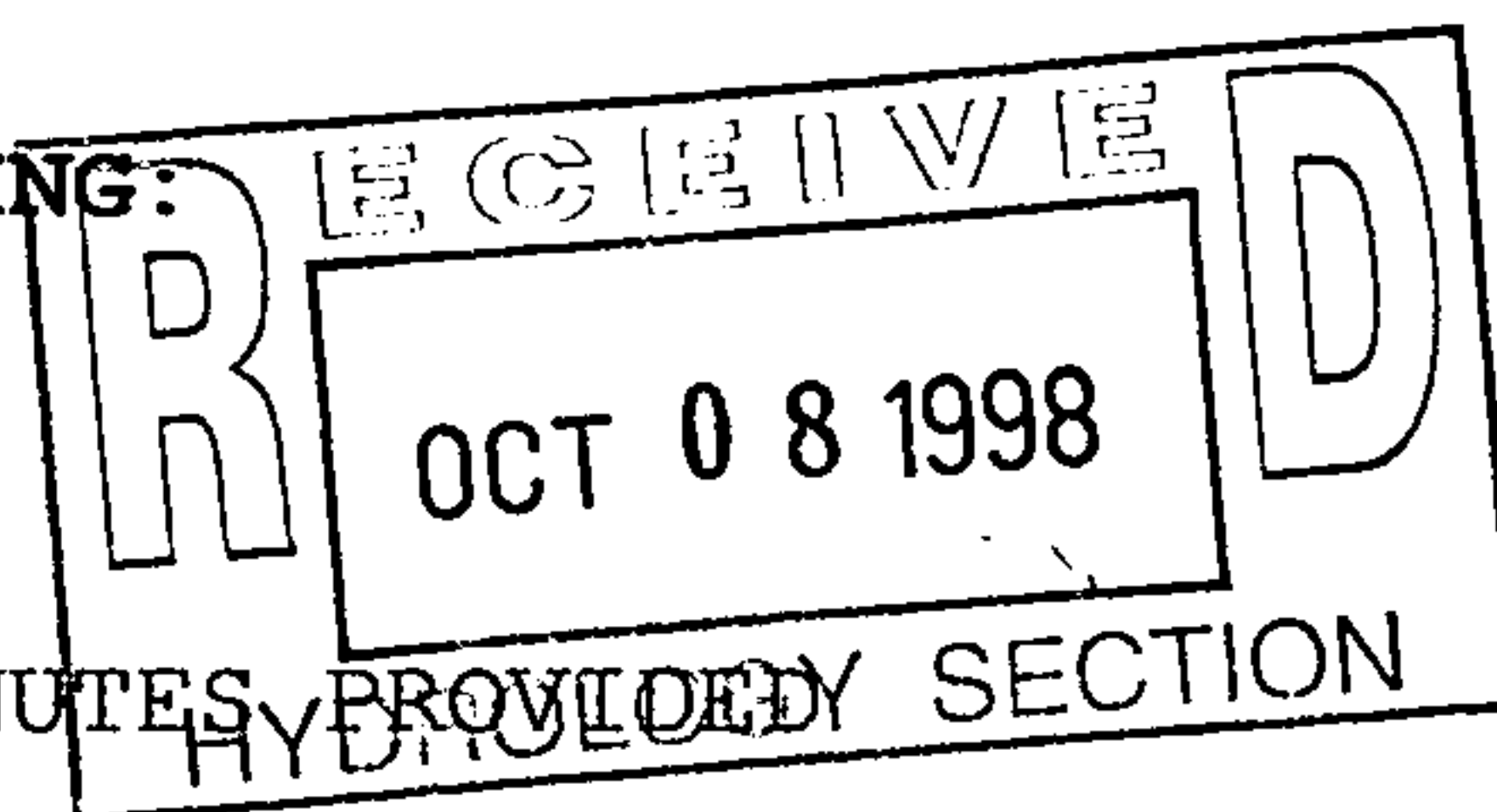
- ☐ CONCEPT GRADING & DRAINAGE PLAN
- ☐ GRADING PLAN
- ☒ DRAINAGE PLAN
- ☒ DRAINAGE REPORT
- ☐ EROSION CONTROL PLAN
- ☐ ENGINEER'S CERTIFICATION
- ☐ OTHER:

TYPE OF APPROVAL SOUGHT:

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

PRE-DESIGN MEETING:

- ☐ YES
- ☐ NO
- ☐ COPY OF MINUTES PROVIDED



DATE SUBMITTED: 10/02/98

BY:

A handwritten signature in black ink, appearing to be "Sam P. ...", written over a horizontal line.



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

July 23, 2002

John A. Blessen, P.E.
Claudio Vigil Architects
1801 Rio Grande NW #2
Albuquerque, New Mexico 87104

RE: ZANIOS ADDITION PHASE 4 (K-10/D21A)
Grading and Drainage Plan Submitted for Building Permit Approval
ENGINEERS STAMP DATED 7/18/2002

Dear Mr. Blessen:

Based upon the information provided in your July 18, 2002 submittal, the above referenced project is approved for Building Permit.

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

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

If I can be of further assistance, please feel free to contact me at 924-3981.

Sincerely,

Teresa A. Martin

CAM Hydrology Plan Checker
COA- Dev. & Bldg. Ser. Division

c: ~~Approval file~~
~~Drainage File~~

DRAINAGE INFORMATION SHEET

(REV. 11/01/2001)

PROJECT TITLE: Zanios Phase IV Addition ZONE MAP/DRG. FILE #: K-10/D21A
DRB # 02DRB-00770 EPC# WORK ORDER #:

LEGAL DESCRIPTION: Tract A-1-A-1-A West 66 Addition
CITY ADDRESS: 221 Airport Drive

ENGINEERING FIRM: Claudio Vigil Architects CONTACT: Arthur Blessen
ADDRESS: 1801 Rio Grande Blvd. PHONE: 842-1113
CITY, STATE: Albuquerque, NM ZIP CODE: 87104

OWNER: Jim Zanios CONTACT:
ADDRESS: 221 Airport Drive PHONE:
CITY, STATE: Albuquerque, NM ZIP CODE:

ARCHITECT: Claudio Vigil Architects CONTACT:
ADDRESS: 1801 Rio Grande Blvd PHONE: 842-1113
CITY, STATE: ZIP CODE:

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

CONTRACTOR: CONTACT:
ADDRESS: PHONE:
CITY, STATE: ZIP CODE:

TYPE OF SUBMITTAL:

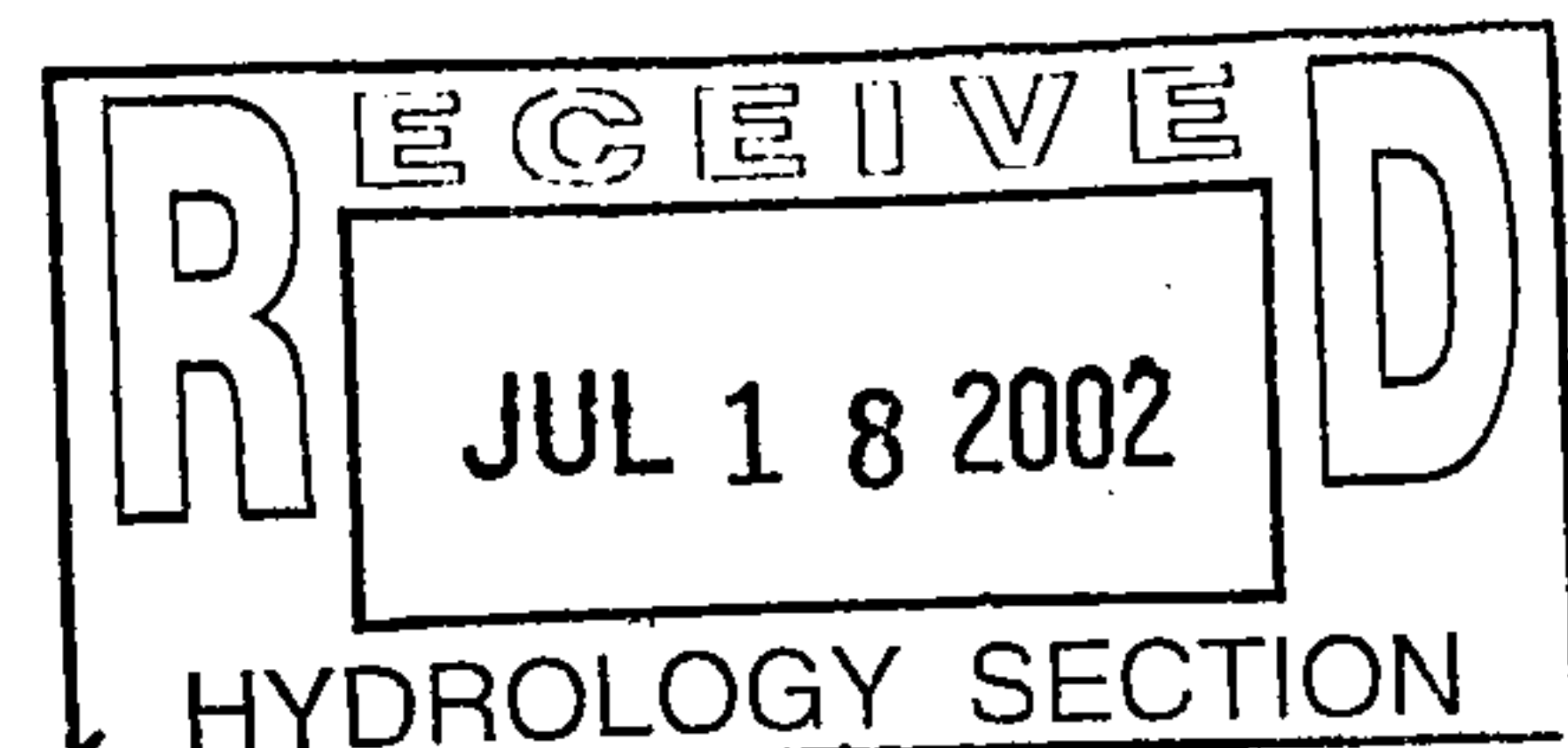
- ☒ DRAINAGE REPORT
- ☒ DRAINAGE PLAN
- ☐ CONCEPTUAL GRADING & DRAINAGE PLAN
- ☐ GRADING PLAN
- ☐ EROSION CONTROL PLAN
- ☐ ENGINEER'S CERTIFICATION (HYDROLOGY)
- ☐ CLOMR/LOMR
- ☐ TRAFFIC CIRCULATION LAYOUT (TCL)
- ☐ ENGINEERS CERTIFICATION (TCL)
- ☐ ENGINEERS CERTIFICATION (DRB APPR. SITE PLAN)
- ☐ OTHER

CHECK TYPE OF APPROVAL SOUGHT:

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

WAS A PRE-DESIGN CONFERENCE ATTENDED:

- ☐ YES
- ☒ NO
- ☐ COPY PROVIDED



DATE SUBMITTED 7/18/02 BY: Arthur Blessen

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

J Arthur Blessen

Architect / Engineer
Claudio Vigil Architects
1801 Rio Grand Boulevard Suite 2
Albuquerque, New Mexico 87104
(505) 842-1113



July 18, 2002

RE: Zanos Phase IV Addition K-10/D21A

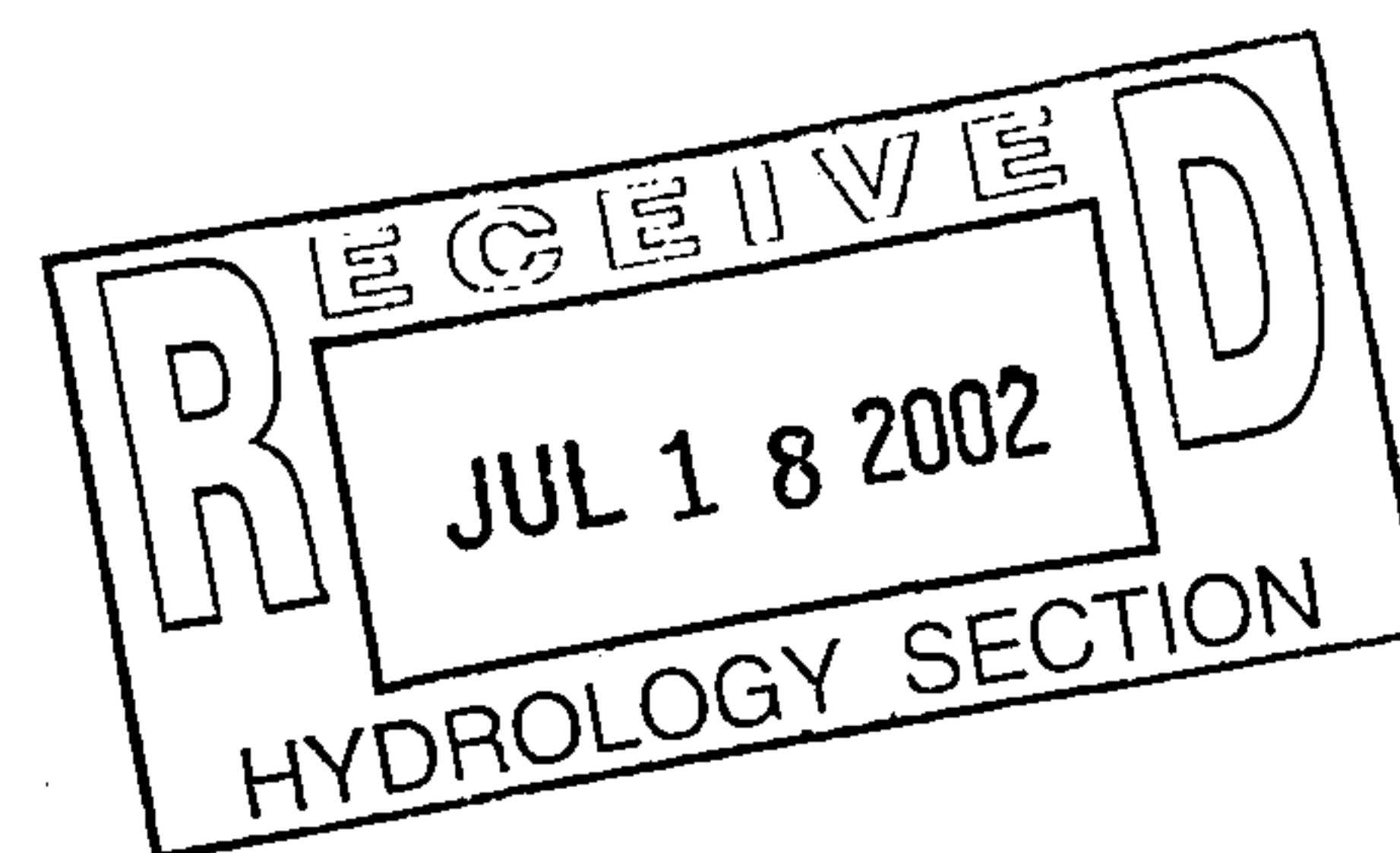
Bradley Bingham, PE
City of Albuquerque
PO Box 1293
Albuquerque, New Mexico 87103

Enclosed is the revised Grading and Drainage Plan which incorporates the entrance locations as approved at DRB.

Should you have any questions or require additional information please call..

Sincerely,

J Arthur Blessen
Architect / Engineer



DRAINAGE INFORMATION SHEET

PROJECT TITLE: Zanios Foods ZONE ATLAS/DRNG. FILE #: K10/D21A

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

LEGAL DESCRIPTION: Tracts A-1-A & B-1-A, West 66 Addition

CITY ADDRESS: Airport Rd NW

ENGINEERING FIRM: Bordenava Designs CONTACT: J. Bordenava

ADDRESS: P.O. Box 91194, 87199 PHONE: 823-1344

OWNER: Zanios Foods CONTACT: J. Zanios

ADDRESS: 221 Airport Rd NW, 87121 PHONE: 831-1411

ARCHITECT: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

SURVEYOR: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

CONTRACTOR: Jaynes Corp CONTACT: G. Rico

ADDRESS: 2906 Broadway NE, 87107 PHONE: 345-8591

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

OCT 26

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
- ☒ OTHER _____ (SPECIFY)

NOTICE OF TERMINATION &
CANCELLATION OF DRAINAGE
AGREEMENT AND OF DRAINAGE
COVENANT.

DATE SUBMITTED: 10/26/93

BY: [Signature]

KELLY, RAMMELKAMP, MUEHLENWEG, LUCERO & LEÓN

Attorneys at Law
A Professional Association
707 Broadway, NE, Suite 100
P. O. Box 25127
Albuquerque, New Mexico 87125-5127
(505) 247-8860 Fax (505) 247-8881

October 8, 1993

Edward R. Pearson, Esq.
Assistant City Attorney
City of Albuquerque
P.O. Box 1293
Albuquerque, NM 87103

Re: Zanios/Brunacini: Airport Drive Storm Drainage Upgrade

Dear Ted:

This will follow up on our July 1993 correspondence regarding the referenced storm sewer upgrade and the termination of a drainage covenant which affects the property of our client, Zanios Foods.

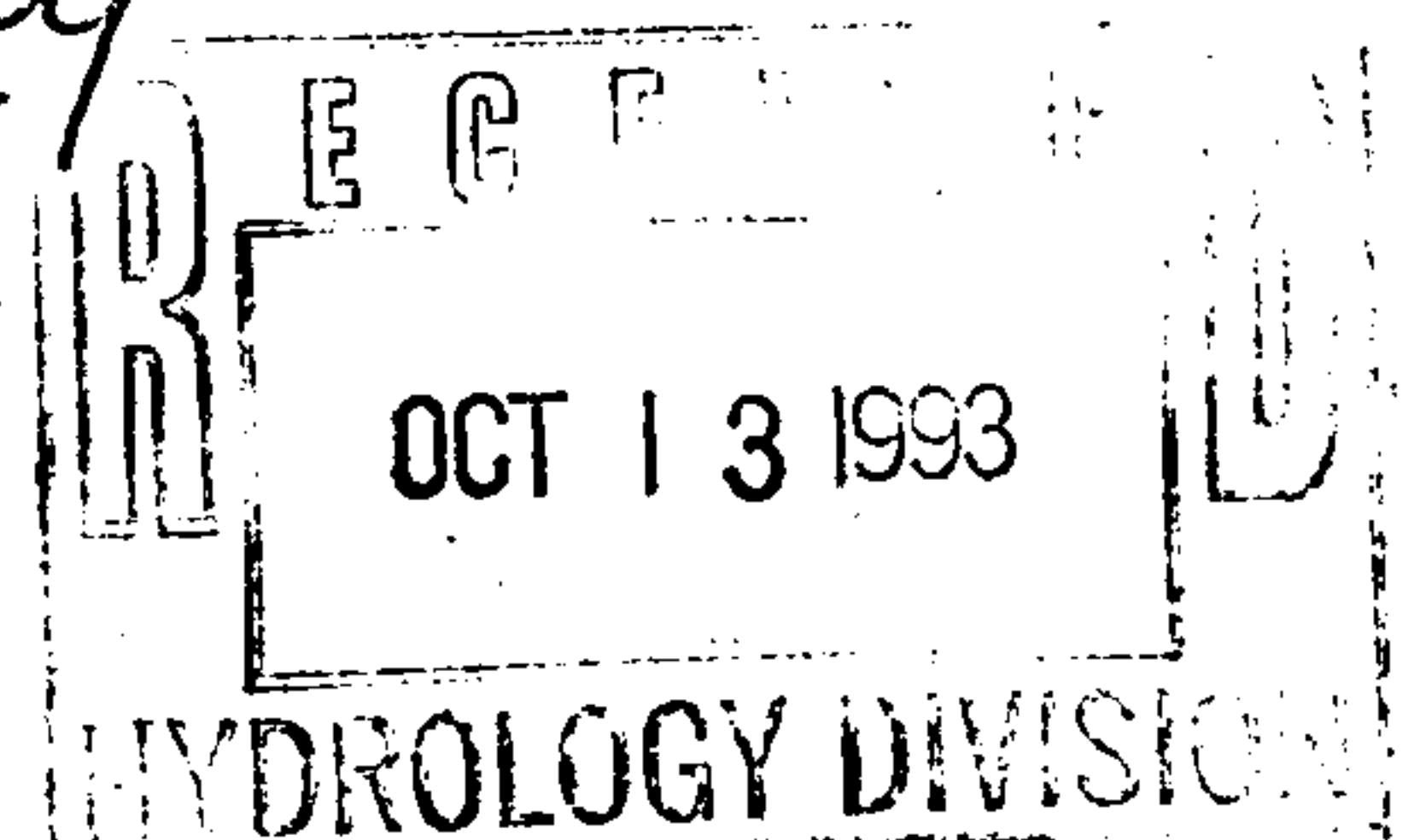
It is my understanding from the contractor that the detention pond improvements have been finally completed and the on-site survey work necessary to do the required city certificate of completion has also been completed. I expect within the next few days that the engineer will furnish a satisfactory certificate of completion to City Hydrology so that you can circulate the termination documents for signature within the City. For your assistance, I am enclosing a photocopy of the termination documentation which you have previously approved as to form.

Thank you very much.

Very truly yours,

Henry A. Kelly
Henry A. Kelly
For the Firm

HAK/mlf
5629d
Enclosure



cc: Mr. William D. Brown, Vice President, Zanios Foods, Inc.
(w/o encl.) VIA FACSIMILE

Mr. George Rice, Project Engineer, Jaynes Corporation, (w/o
(w/o encls.) VIA FACSIMILE

Mr. Jean J. Bordenave, (w/o encl.) VIA FACSIMILE

✓ Mr. Gilbert Aldaz, City Hydrology (w/o encl.)

Henry A. Kelly
Orlando Lucero
Todd M. Stafford

David A. Rammelkamp
Alberto A. León

Robert J. Muehlenweg
Nicole M. Vadnais

Poole, Kelly & Ramo

▲ ATTORNEYS AT LAW ▲

A Professional Corporation

July 27, 1993

Edward R. Pearson, Esq.
Assistant City Attorney
City of Albuquerque
P.O. Box 1293
Albuquerque, New Mexico 87103

Re: Zanios/Brunacini: Airport Drive Storm Drainage Upgrade

Dear Ted:

Thank you for your July 6, 1993 letter evidencing your approval of our suggested form of Notice of Termination and Cancellation of Drainage Agreement and of Drainage Covenant.

Regarding the requirements for termination of the Drainage Agreement and Drainage Covenant, as set out in the second paragraph of your letter, I agree that all contemplated improvements, including the detention pond, must be completed and the facility connected to the storm sewer before the City is obligated under paragraph 9 of the Drainage Agreement to terminate the Drainage Agreement and the Drainage Covenant. It is my understanding that this has occurred and that all Hydrology is waiting for is the final engineer's certificate of completion of the detention pond improvements--the final certificate of occupancy has already been issued.

May I suggest, given your approval of the form of Notice of Termination and Cancellation of Drainage Agreement and of Drainage Covenant, that the Zanios contractor (Jaynes Corporation) and Jake Bordenave work directly with Hydrology, and once the engineer's certificate is in form satisfactory to Hydrology, you can process the approved form.

Thank you very much for your cooperation.

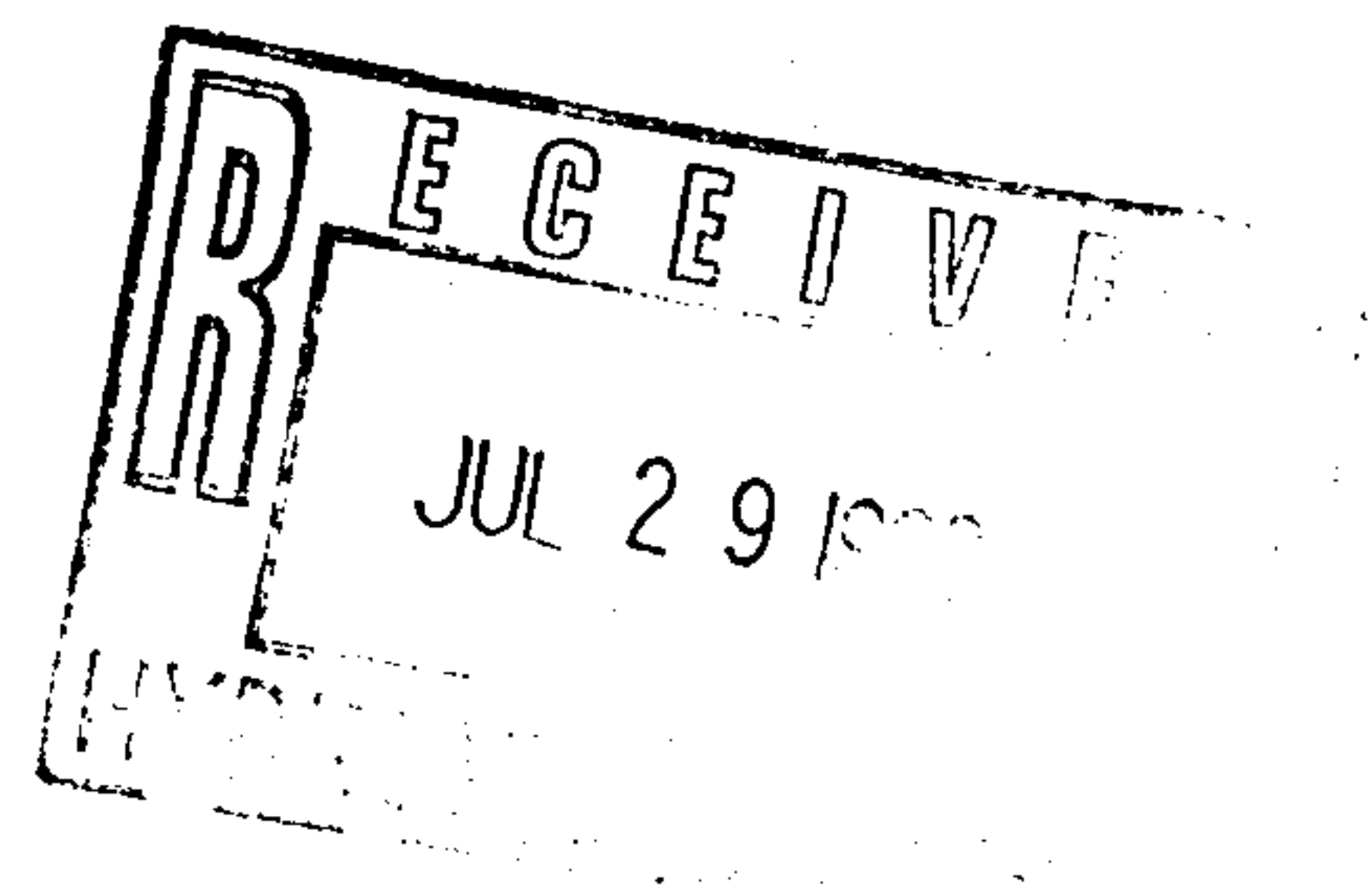
Very truly yours,

Henry A. Kelly
For the Firm

HAK/mj

cc: Mr. James G. Zanios
Jaynes Corporation
Attn: Mr. Donald A.M. Power, President
Mr. George Rice, Project Engineer
Mr. Jean J. Bordenave
Mr. Gilbert Aldaz
Mr. Dan W. Hogan 201 Third Street N.W., Suite 1600 P.O. Box 1769
Albuquerque, New Mexico 87103-1769 (505) 842-8155
Albuquerque Facsimile (505) 764-2351

119 East Marcy, Suite 100 P.O. Box 1868
Santa Fe, New Mexico 87504-1868 (505) 988-8921
Santa Fe Facsimile (505) 983-3927



Gilbert Aldez



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

LEGAL DEPARTMENT

July 26, 1993

Henry A. Kelly, Esq.
Poole, Kelly & Ramo, P.C.
P.O. Box 1769
Albuquerque, NM 87103-1769

Re: Zanos/Brunacini: Airport Drive Storm Drainage Upgrade

Dear Mr. Kelly:

I have reviewed your form of Notice of Termination and Cancellation of Drainage Agreement and of Drainage Covenant. I approve the form.

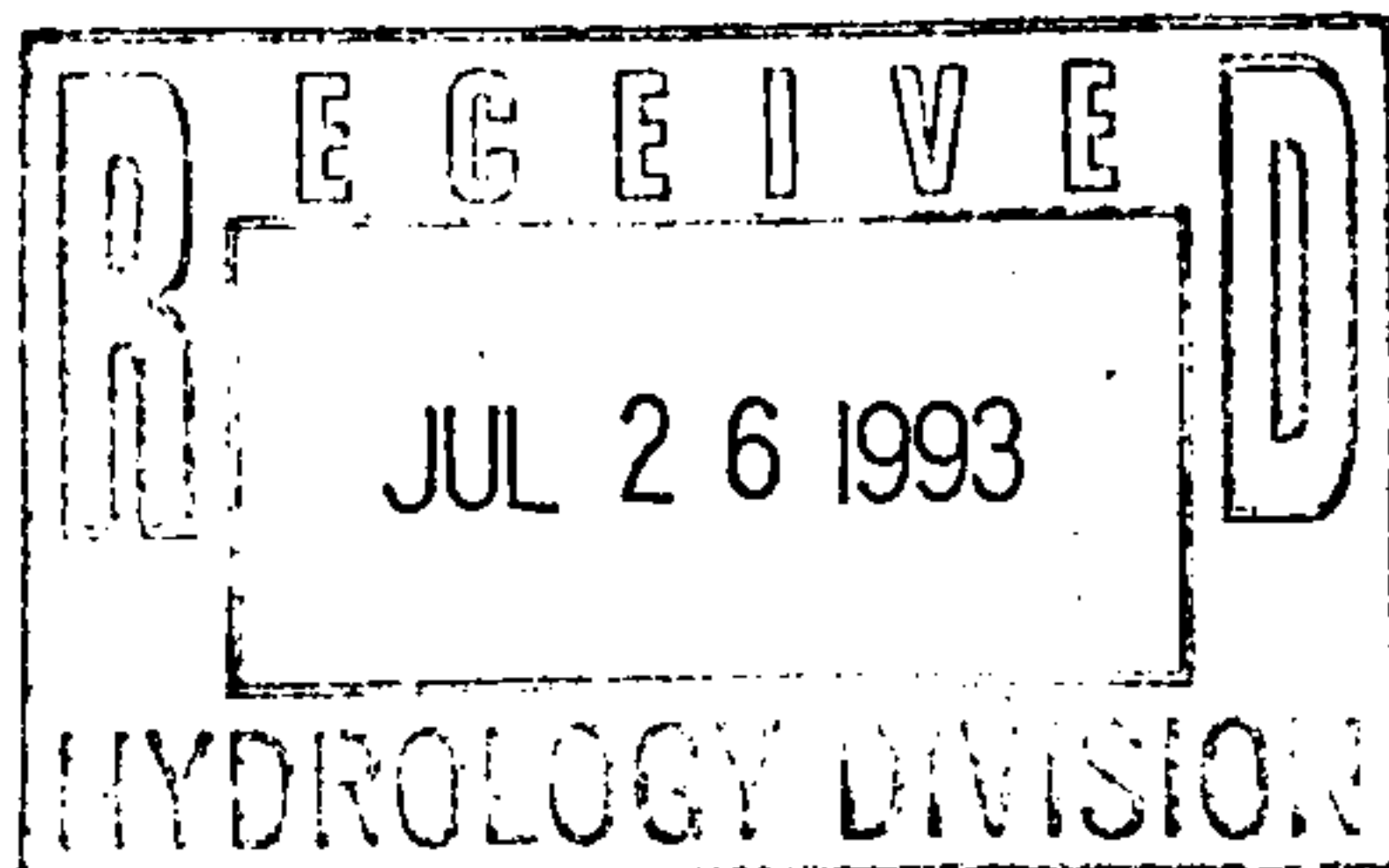
Mr. Gilbert Aldez has informed me that he spoke with you concerning the need for a certification that the permanent retention ponds have been constructed. My reading of paragraph 9 of the Drainage Agreement is that the release is due upon completion, not only of the project, but of the detention ponds. This is also reflected in paragraph 9 of the Drainage Covenant. If you disagree with this interpretation please let me know.

Yours truly,

Edward R. Pearson
Assistant City Attorney

ERP/st

c: Dan Hogan, Hydrology, Public Works Department
Gilbert Aldez, Hydrology, Public Works Department



Aldez
Stair

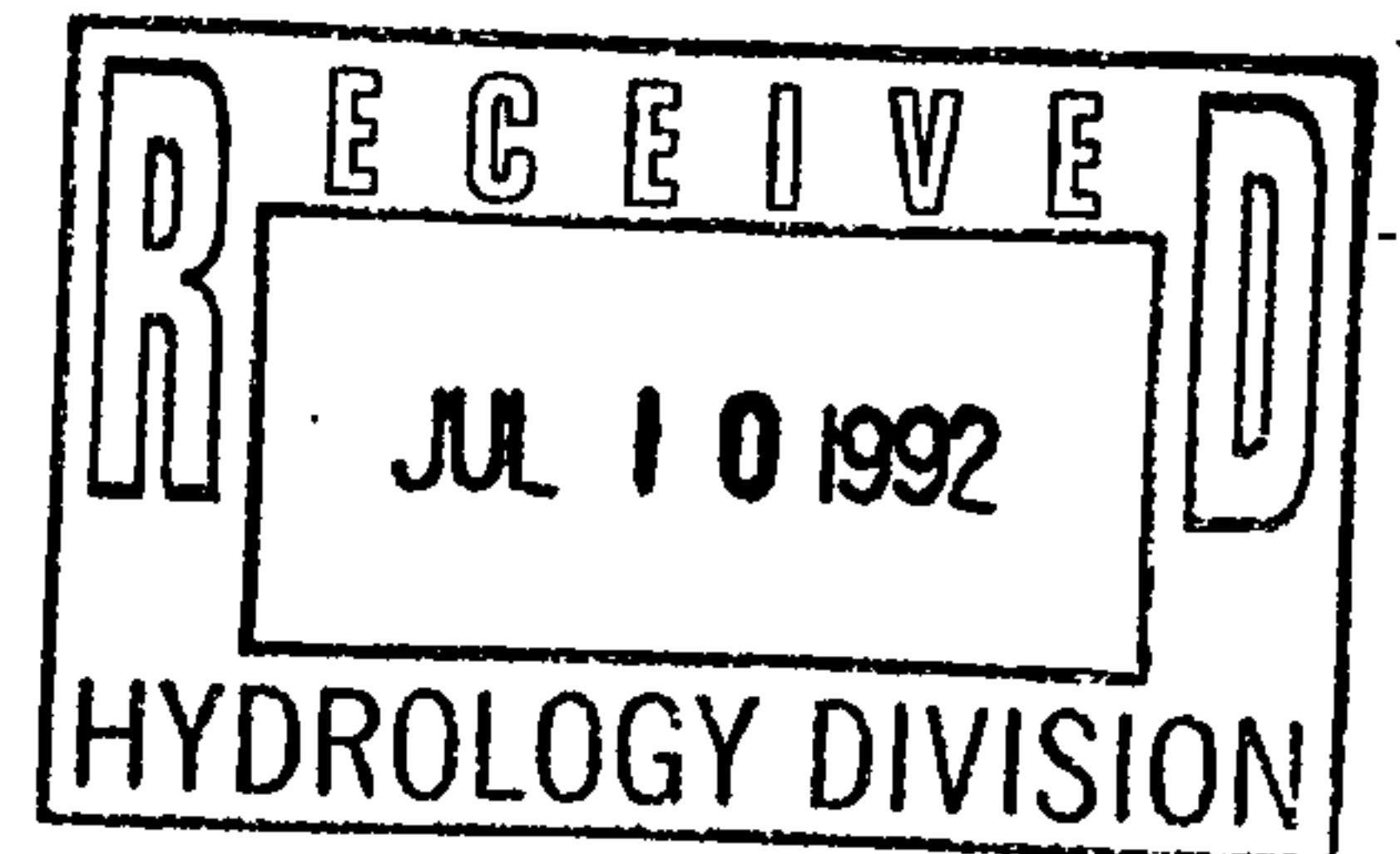
2973

Poole, Kelly & Ramo

▲ ATTORNEYS AT LAW ▲

A Professional Corporation

July 8, 1992



Ms. Sylvia R. Fettes
Law Specialist
City of Albuquerque
P.O. Box 1293
Albuquerque, New Mexico 87103

K16/D21A

Re: Zanios/Brunacini: Amended Plat

Dear Sylvia:

As previously advised, Brunacini and Zanios have completed the retention pond improvements on Lots B-1-A and A-1-A, which is the only condition precedent to approval by the City of the contemplated amended plat. As you know, the amended plat is required to be filed in order to complete the process of vacating the public drainage easement previously in effect for the City. Obviously, the temporary license for the storm water retention will not expire until the detention pond/storm sewer improvements have been fully completed. For your information, the proposed forms of Amendment to Drainage Agreement and Amendment to Drainage Covenant in the form received under cover of your office's July 6 letter have already been signed by the trustees of the Zanios Trust and consented to by First National Bank in Albuquerque. These documents have been delivered to Ken Hunt for signature by the Brunacinis. Ken Hunt will deliver all of the documents back to you for processing.

In the meantime, I would like to clarify the City's requirements for a certificate of substantial completion of the retention pond. As you know, the City has approved revised plans for the construction of both the retention pond and the detention pond, which will be attached to the Amendment to Drainage Agreement as Exhibit "D-Phase 1" (retention pond) and Exhibit "D-Phase 2" (detention pond). We had contemplated having Mr. Jake Bordenave furnish to you a letter certifying in his capacity as a registered engineer, that the retention pond improvements have been completed substantially in accordance with Exhibit "D-Phase 1". We understand from Mr. Bordenave that your office may require a survey of the retention pond as constructed. It seems to us that this requirement, which is expensive, is in excess of what the City requires pursuant to the Drainage Agreement, as amended. In the circumstances,

201 Third Street N.W., Suite 1600 P.O. Box 1769
Albuquerque, New Mexico 87103-1769 (505) 842-8155
Albuquerque Facsimile (505) 764-2351

119 East Marcy, Suite 100 P.O. Box 1868
Santa Fe, New Mexico 87504-1868 (505) 988-8921
Santa Fe Facsimile (505) 983-3927

Poole, Kelly & Ramo

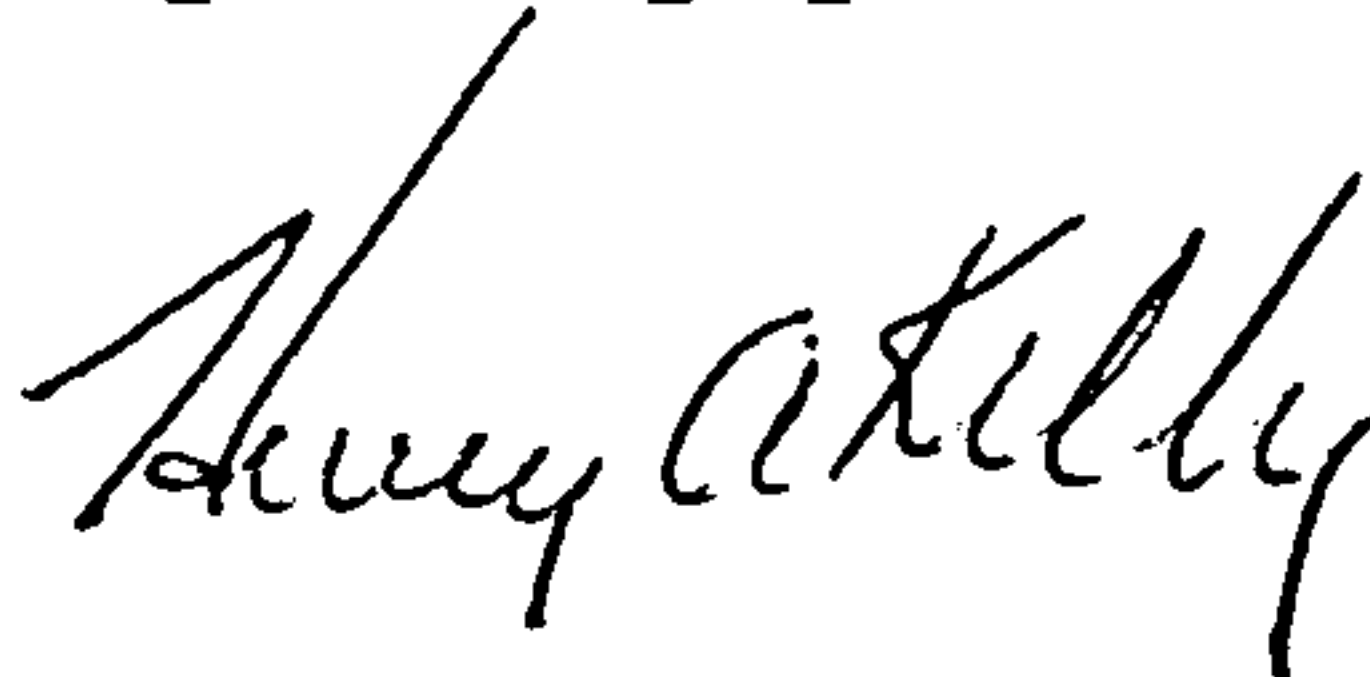
▲ ATTORNEYS AT LAW ▲

A Professional Corporation

Ms. Sylvia R. Fettes
July 8, 1992
Page Two

we ask that you confer with Hydrology to resolve this issue in order that we can put it behind us. What we contemplate delivering to the City is a letter certifying the substantial completion of the retention pond improvements in accordance with the approved drainage plan attached to the Amendment to Drainage Agreement as Exhibit "D-Phase 1" (retention).

Very truly yours,



Henry A. Kelly
For the Firm

HAK:cdh

cc: Mr. James G. Zanos
Mr. George Brunacini
Kenneth A. Hunt, Esq.
Mr. Jean J. Bordenave
Mr. George Rice (The Jaynes Corporation)
Mr. Robert J. Valdiviez, Senior Vice President,
First National Bank in Albuquerque
Mr. Patrick L. McDonald, City of Albuquerque,
Legal Department
Mr. Fred J. Aguirre, City of Albuquerque,
Hydrology Department



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

December 17, 1992

Jake Bordenave
Bordenave Designs
Post Office Box 91194
Albuquerque, New Mexico 87199

RE: ENGINEER CERTIFICATION FOR TEMPORARY CERTIFICATE OF OCCUPANCY @
ZANIOS FOODS (K10-D21A) CERTIFICATION STATEMENT DATED 12/4/92.

Dear Mr. Bordenave:

Based on the information provided on your December 4, 1992 submittal, Engineer Certification for temporary Certificate of Occupancy is granted.

Gilbert Aldaz of our office has instructed me to advise you that the permanent retention pond may be constructed now. Please do not install landscaping until project 4383.90 is completed.

I recommend that once the permanent retention pond and all other applicable required permanent construction is completed, Engineer Certification for permanent Certificate of Occupancy be submitted for review.

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

Sincerely,

FOR Bernie J. Montoya, CE
Engineering Assistant

BJM/dl/WPHYD/7401

xc: Alan Martinez
David Zoladz
Gilbert Aldaz
Dan Hogan

File

PUBLIC WORKS DEPARTMENT

DRAINAGE INFORMATION SHEET

Zanios Foods

PROJECT TITLE: CENTRAL AIRPORT BUS. PK ZONE ATLAS/DRAINAGE FILE # K10/21A

LEGAL DESCRIPTION: TRACT A-1-A WEST 66 ADDITION

CITY ADDRESS: AIRPORT ROAD

ENGINEERING FIRM: BORDENAVE DESIGNS CONTACT: J. BORDENAVE

ADDRESS: P.O. Box 91194 87109 PHONE: 823-1344

OWNER: ZANIOS FOODS CONTACT: J. ZANIOS

ADDRESS: 308 MENAUL NE 87107 PHONE: 843-9292

ARCHITECT: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

SURVEYOR: BORDENAVE DESIGNS CONTACT: J. BORDENAVE

ADDRESS: P.O. Box 91194 87109 PHONE: 823-1344

CONTRACTOR: JAYNES CORP CONTACT: G. RICE

ADDRESS: 2906 BROADWAY NE 87107 PHONE: 345-8591

PRE-DESIGN MEETING:

_____ YES _____ DRB NO. _____

_____ NO _____ DEC - 4 1992 _____ EPC NO. _____

_____ COPY OF CONFERENCE _____ PROJECT NO. _____

RECAP SHEET PROVIDED

TYPE OF SUBMITTAL:

_____ DRAINAGE REPORT

_____ DRAINAGE PLAN

_____ CONCEPTUAL GRADE & DRAIN PLAN

_____ GRADING PLAN

_____ EROSION CONTROL PLAN

X ENGINEER'S CERTIFICATION

CHECK TYPE OF APPROVAL SOUGHT:

_____ SECTOR PLAN APPROVAL

_____ SKETCH PLAT APPROVAL

_____ PRELIMINARY PLAT APPROVAL

_____ SITE DEVELOPMENT PLAN APP.

_____ FINAL PLAT APPROVAL

_____ BUILDING PERMIT APPROVAL

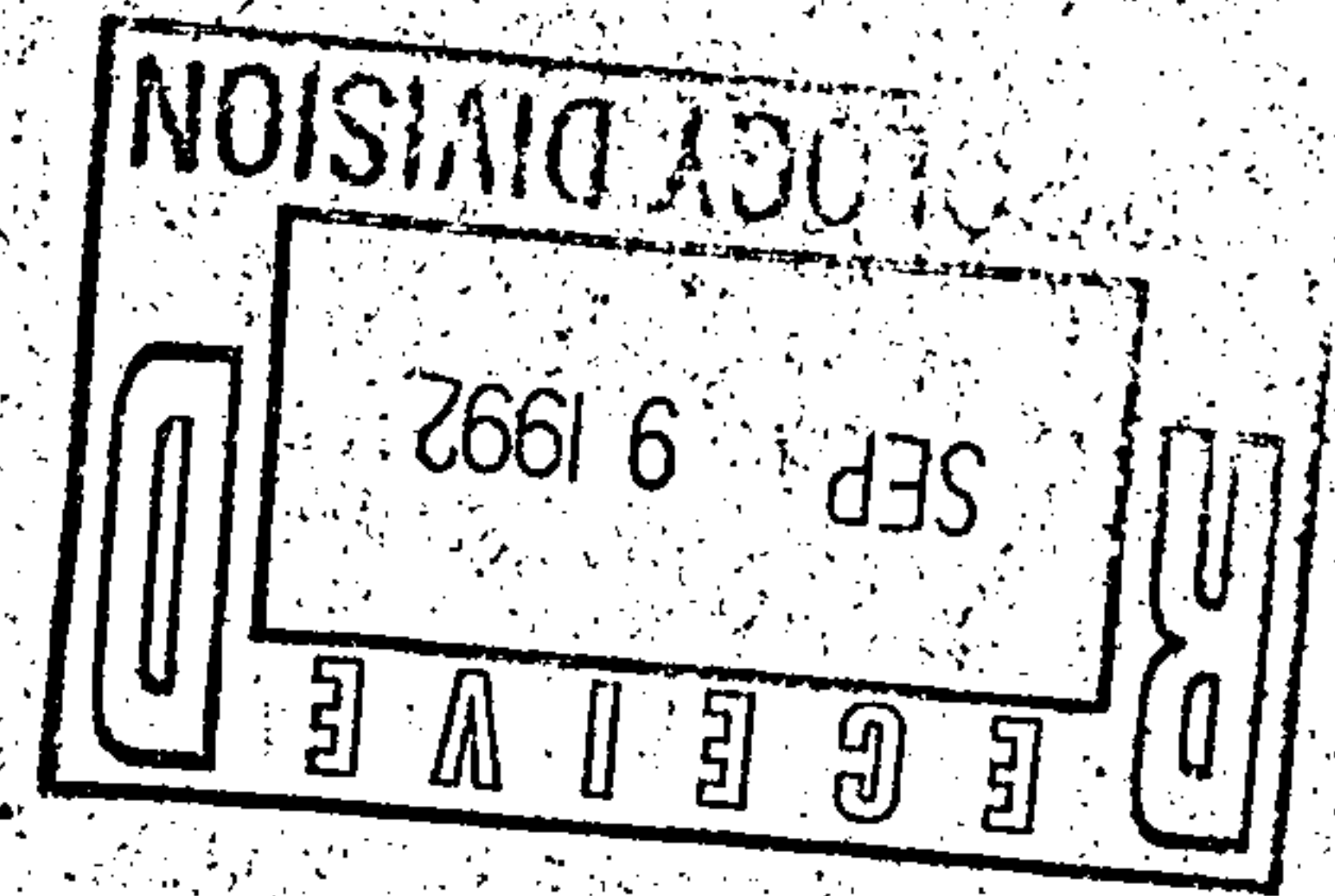
_____ FOUADATION PERMIT APPROVAL

TEMPORARY X CERT. OF OCCUPANCY APPROVAL

_____ ROUGH GRADE PERMIT APPROVAL

DATE SUBMITTED: _____ GRADING/PAVING PERMIT APP.

BY: _____ OTHER _____ (SPECIFY)



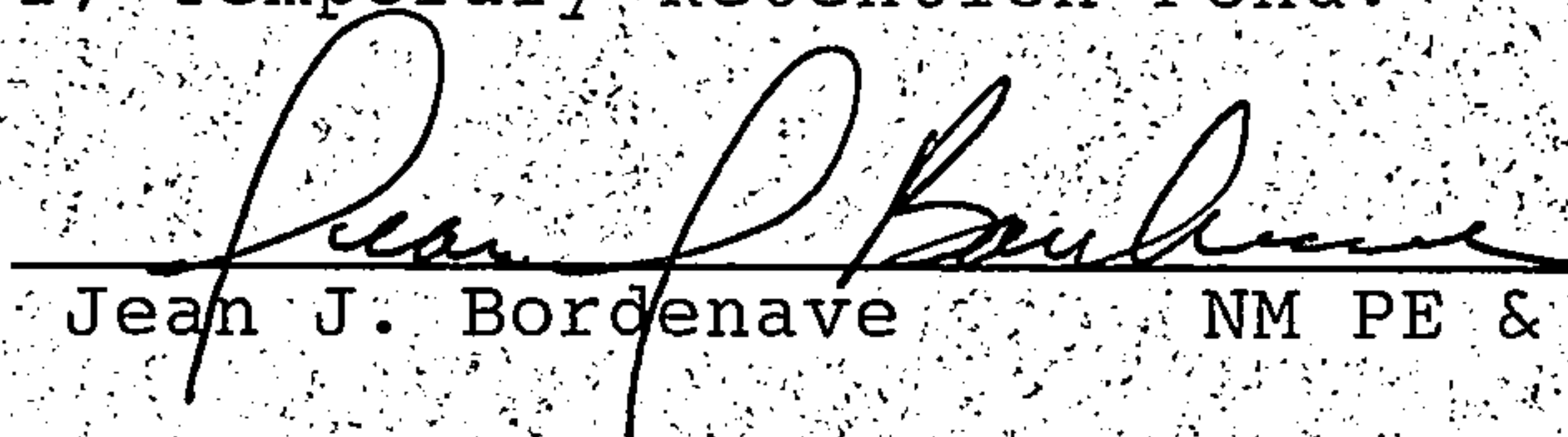
September 5, 1992

City of Albuquerque
Public Works Department
P.O. Box 1293
Albuquerque, NM 87102

Attn: Mr. Fred Aguirre
Re: West 66 Addition

This 'Letter of Substantial Completion' is submitted as required by agreement between the City of Albuquerque, Mr. Brunacini and Mr. Zanios for the subject subdivision.

I, Jean J. Bordenave, have performed a field survey of the retention pond located on Tracts A-1-A and B-1-A of the West 66 Addition. The survey was performed on September 1, 1992 and the pond was found to be in substantial compliance with the dimensions and grades as shown on the construction documents for the pond dated May 06, 1992 and designated as Phase I, Temporary Retention Pond.


Jean J. Bordenave

NM PE & LS NO. 5110



cc: H. Kelly
G. Brunacini

9/11/92

To: FILE
From: F.J.A.
Subject: TAKE'S CERTIFICATION DATED 9/5/92

Received Take's survey on 9/9/92 and surveyed the site on 9/10/92. The survey does not support Take's certification. Discussed the certification with ~~Take~~ Hank Kell and that it was not acceptable. He is going to write a letter to Take.

Discussed the survey with Take. Take said to hold off until the grading is complete,



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

May 19, 1992

Jake Bordenave
Bordenave Designs
Post Office Box 91194
Albuquerque, New Mexico 87199

RE: REVISED DRAINAGE PLAN FOR CENTRAL/AIRPORT BUSINESS PARK
(ZANIOS) (K-10/D21A) REVISION DATED MAY 6, 1992

Dear Mr. Bordenave:

Based on the information provided on your submittal of May 7, 1992, the above referenced plan is approved for Building Permit.

Be advised that all requirements stipulated on the March 6, 1992 correspondence from Gilbert Aldaz still apply.

Please attach a copy of this plan to the construction sets prior to sign-off by Hydrology. If the building permit has already been issued, it is your responsibility to assure that the contractor is provided a copy of this approved plan.

If I can be of further assistance, please feel free to call me at 768-2650.

Cordially,

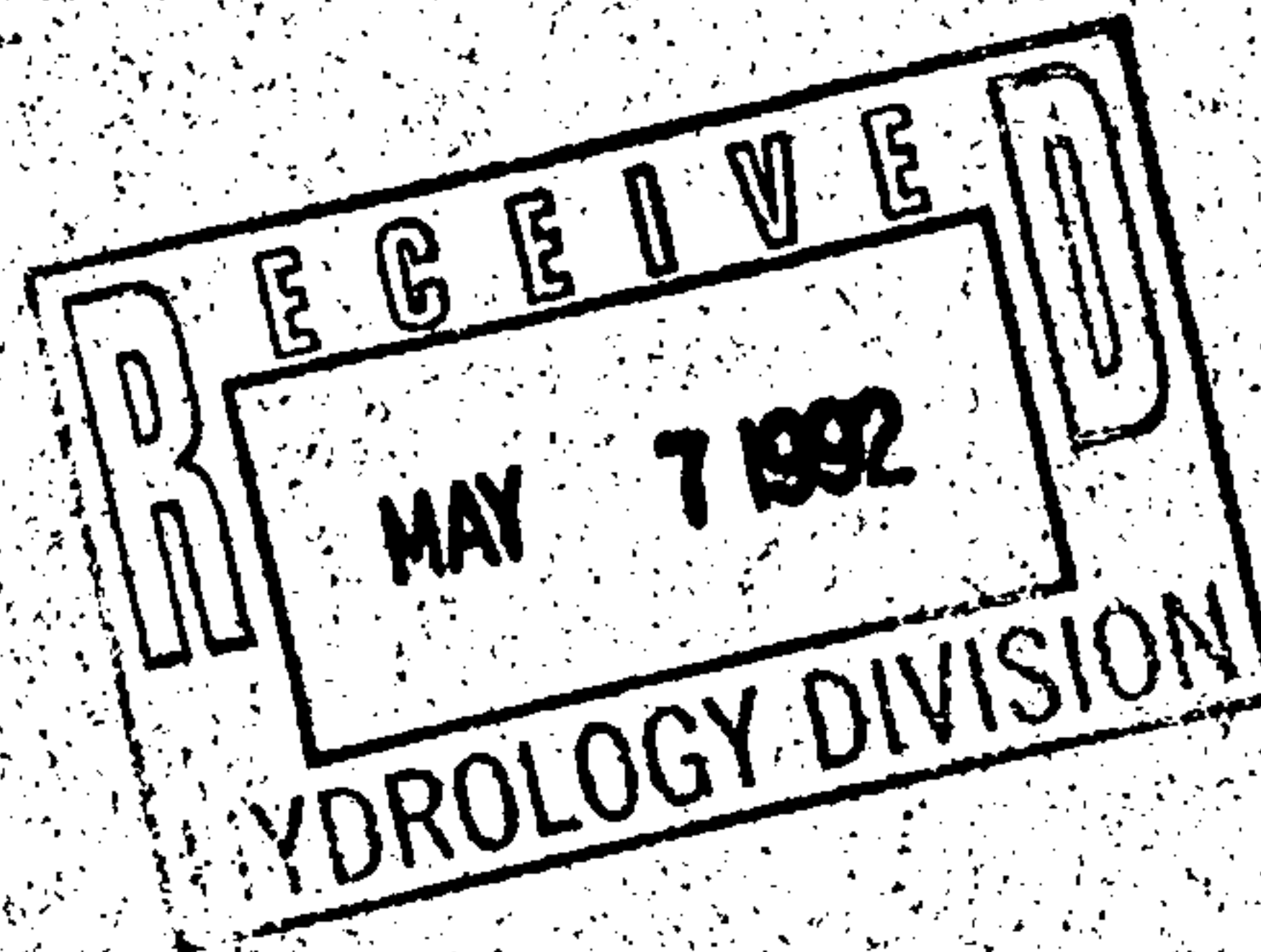
Bernie J. Montoya, C.E.
Engineering Assistant

BJM/bsj
(WP+1125)

PUBLIC WORKS DEPARTMENT



May 5, 1992



City of Albuquerque
Public Works Department
P.O. Box 1293
Albuquerque, NM 87102

Mr. Gilbert Aldaz
Re: Zanios Foods, K10/D21A

Dear Sir:

The subject project was approved for building permit by you on November 26, 1991. Since that time the Owner has found it in his best interest to reorient some of the construction features. The attached plans show the results of that reconfiguration.

The result of the reconfiguration is positive from a drainage point of view in that the ponds are combined making operation and maintenance of the system much more simple. The drainage entrance to the pond is a better configuration and the resulting pond has more capacity. The original Phase I pond had a volume of 115200 cf and the revised pond has a volume of 125800 cf. The original Phase II ponds had a volume of 49010 cf and the revised pond has a volume of 50600 cf.

The drainage patterns and basins remain as they were in the original plan.

Sincerely,

Jean J. (Jake) Bordenave

DRAINAGE INFORMATION SHEET

PROJECT TITLE: ZANIOS FOODS ZONE ATLAS/DRAINAGE FILE # K10/D21A

LEGAL DESCRIPTION: TRACT A-1-A, WEST 66 ADDITION

CITY ADDRESS: AIRPORT RD, NW

ENGINEERING FIRM: BORDENAVE DESIGNS CONTACT: J. BORDENAVE

ADDRESS: P.O. Box 91194, 87199 PHONE: 823-1344

OWNER: ZANIOS FOODS CONTACT: J. ZANIOS

ADDRESS: 308 MENAUL NE PHONE: 843-9292

ARCHITECT: - CONTACT: -

ADDRESS: - PHONE: -

SURVEYOR: - CONTACT: -

ADDRESS: - PHONE: -

CONTRACTOR: JAYNES CORP CONTACT: G. RICE

ADDRESS: 2906 BROADWAY NE PHONE: 345-8591

PRE-DESIGN MEETING:

- YES DRB NO. -

X NO EPC NO. -

- COPY OF CONFERENCE PROJECT NO. -

RECAP SHEET PROVIDED

TYPE OF SUBMITTAL:

- DRAINAGE REPORT

X DRAINAGE PLAN (REVISED)

- CONCEPTUAL GRADE & DRAIN PLAN

- GRADING PLAN

- EROSION CONTROL PLAN

- ENGINEER'S CERTIFICATION

CHECK TYPE OF APPROVAL SOUGHT:

- SECTOR PLAN APPROVAL

- SKETCH PLAT APPROVAL

- PRELIMINARY PLAT APPROVAL

- SITE DEVELOPMENT PLAN APP.

- FINAL PLAT APPROVAL

X BUILDING PERMIT APPROVAL

- FOUNDATION PERMIT APPROVAL

- CERT. OF OCCUPANCY APPROVAL

- ROUGH GRADE PERMIT APPROVAL

- GRADING/PAVING PERMIT APP.

- OTHER - (SPECIFY)

DATE SUBMITTED: MAY 05/06/92

BY: J. Bordenave

DRAINAGE INFORMATION SHEET

PROJECT TITLE: CENTRAL/AIRPORT BUSINESS PK ZONE ATLAS/DRNG. FILE #: K10/D21A

DRB #: 87-601 EPC #: S-88-3, SV-88-1 WORK ORDER #: -

LEGAL DESCRIPTION: TRACT A.1.A, WEST 66 ADDITION

CITY ADDRESS: AIRPORT ROAD

ENGINEERING FIRM: BORDENAVE DESIGNS CONTACT: J. Bordenave

ADDRESS: P.O. BOX 91194, 87199 PHONE: 823-1344

OWNER: GEORGE BRUNACINI CONTACT: G. Brunacini

ADDRESS: P.O. BOX 6363, 87197 PHONE: 283-0777

ARCHITECT: CLAUDIO VIGIL & ASSOC. CONTACT: C. VIGIL

ADDRESS: 825 PENNSYLVANIA NE PHONE: 265-3000

SURVEYOR: THE MANN CO. CONTACT: T. Mann

ADDRESS: NOREEN NE PHONE: 298-4651

CONTRACTOR: - CONTACT: -

ADDRESS: - PHONE: -

TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT
- ☒ DRAINAGE PLAN (REVISED)
- ☐ 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
- ☐ OTHER _____ (SPECIFY)

DATE SUBMITTED: 02/18/92

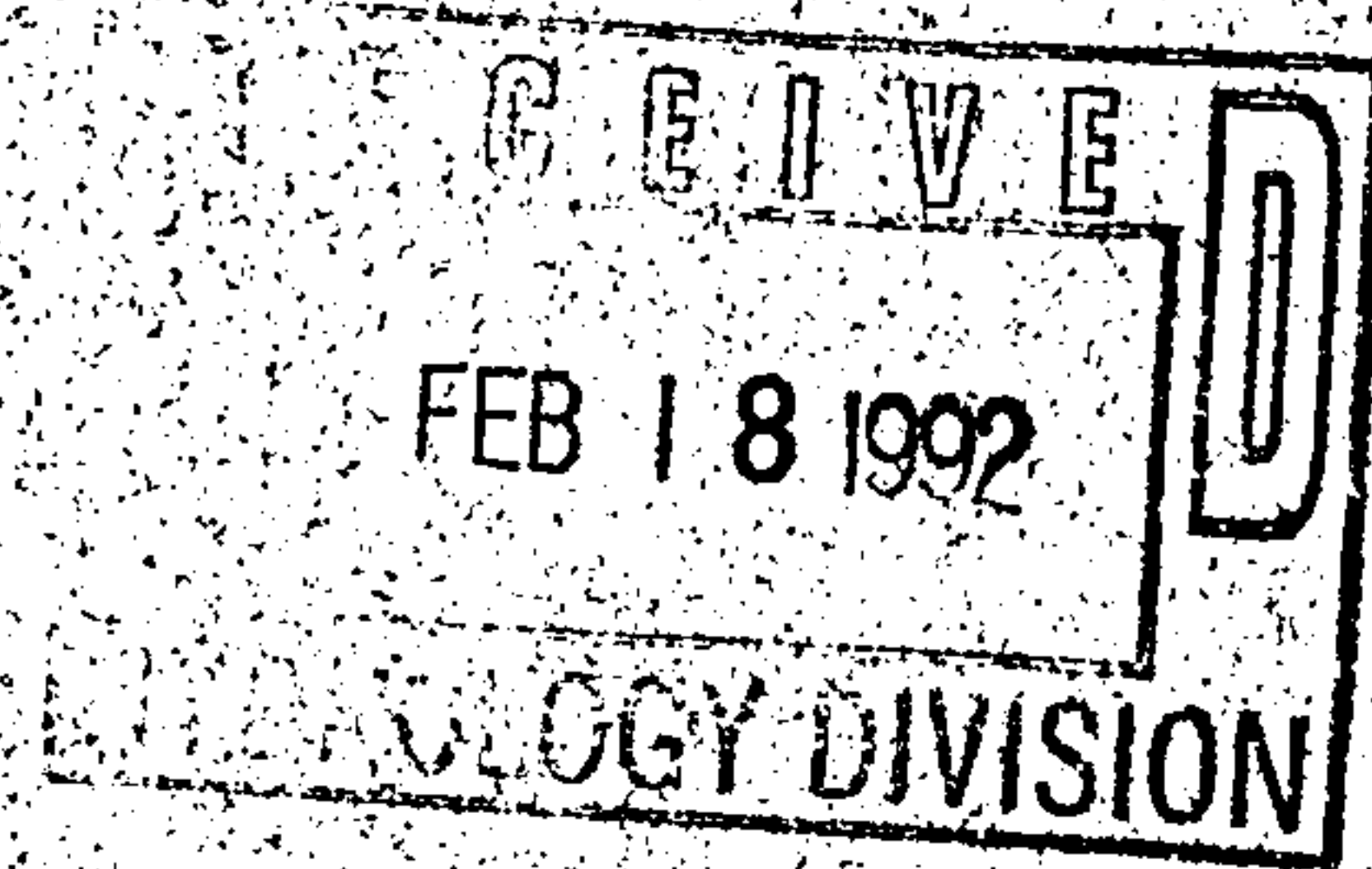
BY: [Signature]

Foundation
2/18/92



Bordenave Designs

February 15, 1992



City of Albuquerque
Public Works Department, Engineering Group
P.O. Box 1293
Albuquerque, NM 87103

Attn: Mr. Gilbert Aldaz
Re: Central/Airport Business Park, K-10/D21A

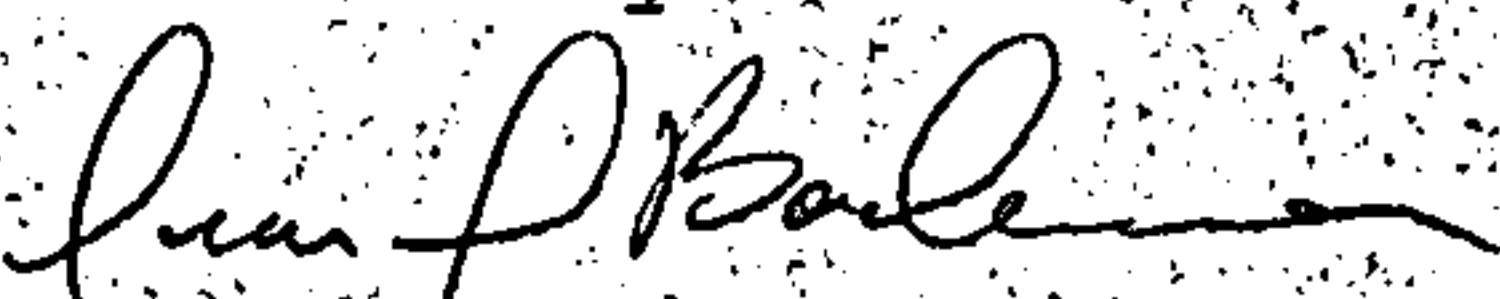
Dear Mr. Aldaz

The Grading and Drainage Plan for the subject site was approved for building permit on November 26, 1991. Since that time the proposed site plan has been altered and the Site Plan for Development will be heard by the DRB on February 18, 1992. This submittal reflects the changes made on the site plan for the project.

The drainage patterns and the ultimate proposed development are unchanged. This phase of the development has been reduced in scope by reducing both the building and paving areas. The ponds have been retained in their originally designed configuration. Since the change (reduce impervious surface by approx. 20,000s.f.) will not have an adverse effect in the interim condition and there is no planned change in the ultimate plan it is suggested that the drainage data on file under the subject file number be retained and no revisions be made at this time.

If additional information or clarification are needed please notify me.

Sincerely,


Jean J. (Jake) Bordenave

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



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

November 26, 1991

Jake Bordenave, P.E.
Bordenave Designs
Post Office Box 91194
Albuquerque, New Mexico 87199

RE: DRAINAGE PLAN FOR CENTRAL/AIRPORT BUSINESS PARK
(K-10/D21A) ENGINEER'S STAMP DATED NOVEMBER 25, 1991

Dear Mr. Bordenave:

Based on the information provided on the referenced submittal received November 12, 1991 the drainage plan is approved for Building Permit. Please be advised that prior to release of the Building Permit, the Drainage Agreement and Covenant must be executed by the City Legal Department.

Please note that prior to Certificate of Occupancy release for the building, an Engineer's Certification must be approved by this office.

If you should have any questions, please do not hesitate to call me at 768-2650.

Cordially,


Gilbert Aldaz, P.E. & P.S.
Civil Engineer/Hydrology

GA
(wp+1125)

PUBLIC WORKS DEPARTMENT

Walter H. Nickerson, Jr., P.E.
Assistant Director Public Works

ENGINEERING GROUP

Telephone (505) 768-2500

AN EQUAL OPPORTUNITY EMPLOYER

Connie
EXT 2733

MEMO TO FILE

AIRPORT ROAD / ZANIOS FOOD

ON 11/21/91 PROVIDED MARK-UPS TO
JAKE BORDENAVE WILL RETURN 11/25/91
with corrections

DRAINAGE INFORMATION SHEET

PROJECT TITLE: CENTRAL AIRPORT BUS. R. ZONE ATLAS/DRAINAGE FILE # K10/D21A

LEGAL DESCRIPTION: TRACTS A-1-A & B-1-A WEST 66 ADDITION

CITY ADDRESS: AIRPORT DRIVE NW

ENGINEERING FIRM: Bordenave Designs CONTACT: J. Bordenave

ADDRESS: P.O. Box 91194 87199 PHONE: 823-1344

OWNER: G. Brunacini CONTACT: G. Brunacini

ADDRESS: P.O. Box 6363 87197 PHONE: 263-0777

ARCHITECT: Claudio Vigil CONTACT: C. Vigil

ADDRESS: 825 Pennsylvania NE PHONE: 265-3000

SURVEYOR: The Mann Co CONTACT: T. Mann

ADDRESS: Norcross NE PHONE: 298-4651

CONTRACTOR: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

PRE-DESIGN MEETING:

☒ YES

☐ NO

☐ COPY OF CONFERENCE
RECAP SHEET PROVIDED

DRB NO. DRB 90-

EPC NO. Z 90-96

PROJECT NO. _____

TYPE OF SUBMITTAL:

☐ DRAINAGE REPORT

☒ DRAINAGE PLAN

☐ CONCEPTUAL GRADE & DRAIN PLAN

☒ GRADING PLAN

☐ EROSION CONTROL PLAN

☐ ENGINEER'S CERTIFICATION

CHECK TYPE OF APPROVAL SOUGHT:

☐ SECTOR PLAN APPROVAL

☐ SKETCH PLAT APPROVAL

☐ PRELIMINARY PLAT APPROVAL

☐ SITE DEVELOPMENT PLAN APP.

☐ FINAL PLAT APPROVAL

☒ BUILDING PERMIT APPROVAL

☐ FOUNDATION PERMIT APPROVAL

☐ CERT. OF OCCUPANCY APPROVAL

☐ ROUGH GRADE PERMIT APPROVAL

☐ GRADING/PAVING PERMIT APP.

☐ OTHER _____ (SPECIFY)

DATE SUBMITTED: 11/12/91

BY: J. Bordenave

RETENTION POND - PHASE I

RUNOFF SOURCE

SITE	AREA	RUNOFF FACTOR	EFFECTIVE AREA
Airport Drive	156820	0.90	141138
TRACT A-1.A			221217
Roof	70000	0.90	63000
Paving	82856	0.95	78713
Landscape	9860	0.25	2465
Earth	88927	0.40	35571
Pond	41468	1.00	41468
TRACT B-1.A			89950
Earth	131125	0.40	52450
Pond	37500	1.00	37500
TRACT B-1.B			
Earth	93911	0.40	37564
	712467		489869

RUNOFF VOLUME

24 hour rainfall = 2.8 inches

Volume = $(2.8/12)(489869) = 114302$ cu. ft. required

POND PROVIDED

POND A
 $11.8' \times 108' \times 1.50 = 19116$

POND B
 $159.5' \times 404.5' \times 1.5 = 96177$

PIPE CONNECTION

115893 cu. ft provided vs. 114302

Ponds A & B require a pipe connection since most of the flow is to Pond A & most of pond volume is in pond B.

assume all of Airport Drive and all impervious surface of Tract A-1.A goes to Pond A

effective runoff area = $141138 + 63000 + 78713 + 2465 + 16378 = 301664$

rainfall to fill pond A = $22272/301664 = 0.0738$ ft

storm time to fill pond A = $(0.0738)(12)/2.2 = 0.403$ t = 16 minutes from DPM table 22.2 D3

intensity @ t = 17 min = $(2.2)(6.84)(17)^{-0.51} = 3.55$ in/hr

flow to pond = $(3.55)(285316/43560) = 23$ cfs

from HEC 5 inlet control use 18" PVC pipe culverts

DETENTION POND - PHASE IIPOND ARUNOFF SOURCE

SITE	AREA, sf	RUNOFF FACTOR	EFFECTIVE AREA
TRACT A.1.A			
Roof	59375	0.90	53438
Paving	76706	0.95	72871
Landscape	9860	0.25	2465
Earth	5372	0.40	2149
Pond	14848	1.00	14848
	166161		145771

INFLOW HYDROGRAPH

TIME, min.	FLOW, cfs	VOLUME, cf	TIME, min	FLOW, cfs	VOLUME, cf
0	0	0	180	0.24	25121
10	15.6	3421	200	0.22	25388
20	10.9	12694	220	0.20	25656
30	8.9	15981	240	0.16	25923
40	7.7	18387	270	0.13	26190
50	6.8	20525	300	0.10	26457
60	6.2	22663	360	0.07	26725
80	0.39	23126			
100	0.35	23589			
120	0.31	24052			
140	0.29	24408			
160	0.27	24765			

PEAK VOLUME

provided volume 1911.6 c.f.
 CONCRETE INLET TO POND
 $Q = CLh^{3/2}$
 $15.6 = (3)(L)(0.5)^{3/2}$
 $L = 16.9$ Use 17'

OUTFLOW HYDROGRAPH

0.1 cfs/acre, area Tract A.1.A - 292069
 $(292069)(0.1)/43560 = 0.67$ cfs

OUTLET PIPE

$Q = Ca(\sqrt{2g}(\sqrt{h_1} + \sqrt{h_2} + \sqrt{h_3}))$, $C = 0.6$, $a = \text{area}$, $h_1 = 1.5'$, $h_2 = 1'$, $h_3 = 0.5'$
 $a = 0.0475$ # use 5-1/4" O.H./level $Q = 0.67$

USE 10" PVC pipe outlet to Catch Basin

POND EVACUATION

orifice w/ falling head

$$t = \frac{2A}{Ca\sqrt{2g}}(\sqrt{h_1} - \sqrt{h_2}) \quad h_1 = 1.5, h_2 = 0, A = 14848$$

$$t = 19.3 + 1 = 20.3 \text{ hours}$$

DETENTION POND - PHASE II

POND B

RUNOFF SOURCE

SITE AREA RUNOFF FACTOR EFFECTIVE AREA

TRACT A.1.A

ROOF

PAVING

EARTH

Pond 115x155

TRACT B.1.A

EARTH

168625

TRACT B.1.B

EARTH

93911

379116

66023

9563

5843

32792

17825

67450

37564

171037

0.90

0.95

0.40

1.00

0.40

0.40

PEAK VOLUME

200	0.26	29625
220	0.23	29936
240	0.19	30248
270	0.15	30560
300	0.12	30872
360	0.09	31184

provided volume = 26738 cf.
CONCRETE INLET TO POND

$Q = CLH^{3/2}$

$18.2 = (3.0)(L)(0.5)^{3/2}$

$L = 17.1$ Use 17'

TIME_{min} FLOW_{cfs} VOLUME_{cf}

0

18.2

3991

12.8

14812

10.4

18648

9.0

21454

8.0

23949

7.3

26444

0.45

26984

0.41

27525

0.37

28065

0.34

28841

0.31

29077

0.28

29313

OUTFLOW HYDROGRAPH

0.1 cfs/acre (per previously approved Master Drainage)
 $Q = 0.67$ cfs previous shaft

OUTLET PIPE

$Q = Ca(\sqrt{h_1} + \sqrt{h_2} + \sqrt{h_3})$

$a = 0.0475 \text{ ft}^3$

use 5 - 1 1/4" O.H./10gal

Use 18" Pipe Outlet

POND EVACUATION

orifice w/ falling head

$t = \frac{2A}{Ca\sqrt{2g}}(\sqrt{h_1} - \sqrt{h_2})$

$h_1 = 0.5, h_2 = 0, A = 17825$

$t = 7.4 + 1 = 8.4$ hours < 20.3 hours

FLOOD PLAINDISPLACED VOLUME

SURFACE AREA

17568

CONTOUR 91

VOLUME

31872

46176

FLOOD PLAIN

(elevation 92)

CONTRIBUTION REDUCTION

THE FLOOD PLAIN VOLUME REQUIREMENT WILL BE REDUCED BY
114302 c.f. (see sht 1). THEREFORE THERE WILL BE A
 $(114302 - 31872) = 82430$ cf. reduction in the FLOOD PLAIN
REQUIRED VOLUME.

FLOOD PLAINDISPLACED VOLUME

SURFACE AREA

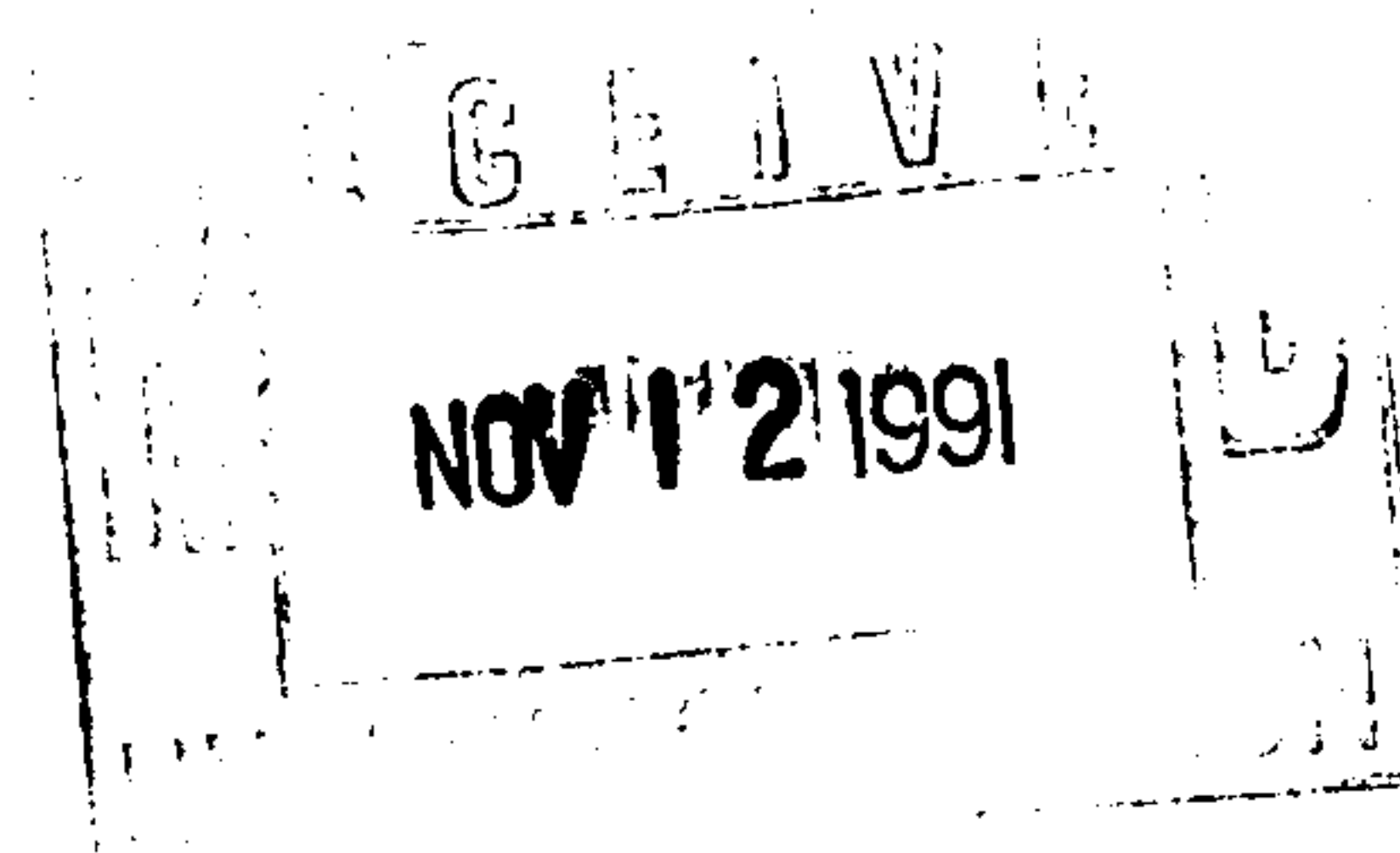
17568

CONTOUR 91

VOLUME

31872

46176

FLOOD PLAIN
(elevation 92)CONTRIBUTION REDUCTION

THE FLOOD PLAIN VOLUME REQUIREMENT WILL BE REDUCED BY 114302 c.f. (see sheet 1). THEREFORE THERE WILL BE A $(114302 - 31872) = 82430$ c.f. reduction in the FLOOD PLAIN REQUIRED VOLUME.



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

November 5, 1991

Jake Bordenave, P.E.
Bordenave Designs
Post Office Box 91194
Albuquerque, New Mexico 87199

RE: DRAINAGE PLAN FOR CENTRAL/AIRPORT BUSINESS PARK, RECEIVED
OCTOBER 31, 1991 FOR BUILDING PERMIT APPROVAL, (K-10/D21A)

Dear Mr. Bordenave:

Based on the information provided on the referenced submittal received October 31, 1991, the following comments should be addressed prior to Building Permit release:

1. As you know, there are two phases involved in this project, the first phase involves retention ponding, and the second phase involves detention ponding with on-site modifications when the storm drain is in place. Your submittal shows both phases together. The problem I am having with this submittal is separating the phasing for the construction improvements. In order to clear this up, I feel that a Phase 1 plan should be on a separate sheet from the Phase 2 plan. This will make Hydrology's review much clearer and provide your clients with a clear understanding on the construction requirements required during the different phases.
2. Please provide a legend that designates the impervious areas.
3. Where will the portion of the roof and alley at the southwest corner drain to?
4. The minimum street grade to drain asphalt paving is 0.5%. Is this the case?
5. You should consider a concrete valley gutter along the swale of the parking lot. The concrete gutter will protect your asphalt paving for a longer period of time and reduce your clients maintenance cost.

PUBLIC WORKS DEPARTMENT

Walter H. Nickerson, Jr., P.E.
Assistant Director Public Works

ENGINEERING GROUP

Telephone (505) 768-2500

AN EQUAL OPPORTUNITY EMPLOYER

Jake Bordenave, P.E.

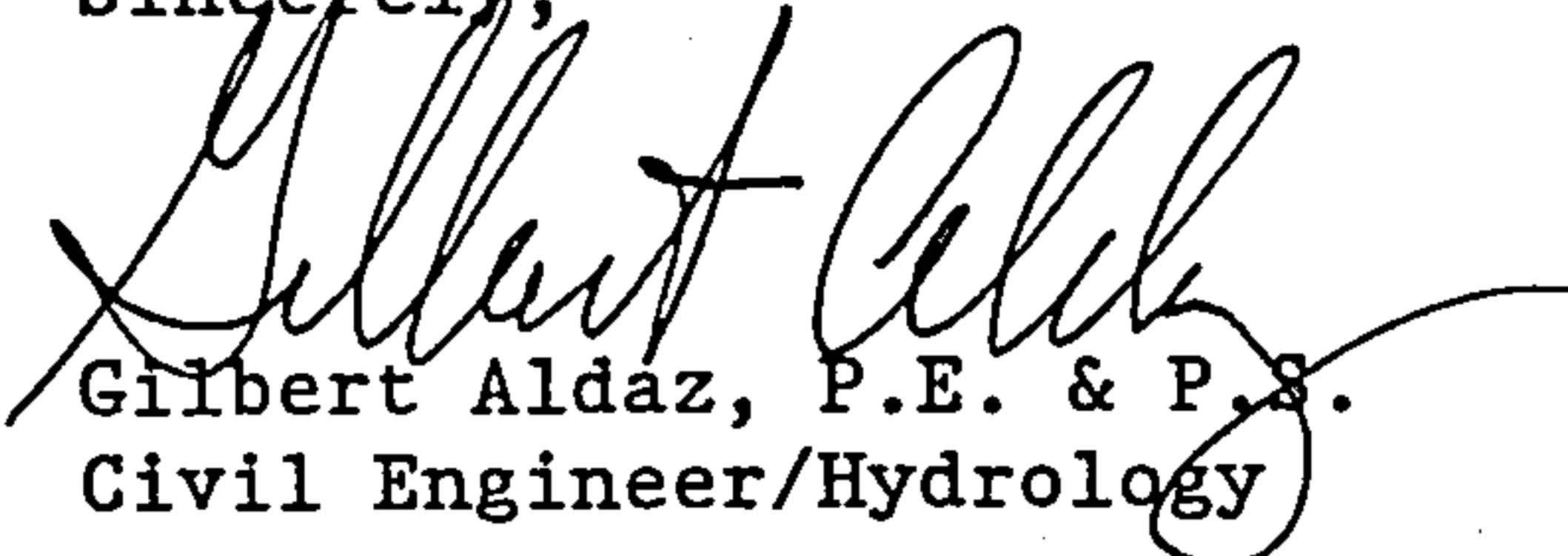
November 5, 1991

Page 2

6. I cannot comment on your pond design at this time because I cannot separate out the phasing. I will comment on the pond design when phasing plans are received.

If you should have any questions, please do not hesitate to call me at 768-2650.

Sincerely,



Gilbert Aldaz, P.E. & P.S.
Civil Engineer/Hydrology

xc: Dan Hogan, Hydrology Division Manager
Fred Aguirre, City Hydrologist

GA

wp+1125

DRAINAGE INFORMATION SHEET

PROJECT TITLE: CENTRAL AIRPORT BUS. PK. ZONE ATLAS/DRNG. FILE #: K10/DZ1ADRB #: 91-239 EPC #: _____ WORK ORDER #: _____LEGAL DESCRIPTION: WEST GC ADDITIONCITY ADDRESS: N/AENGINEERING FIRM: BORDEN & E DESIGNS CONTACT: J. Borden & EADDRESS: P.O. BOX 91174, 87199 PHONE: 823-1344OWNER: GEORGE BRUNACINI CONTACT: G. BrunaciniADDRESS: P.O. Box 6363, 87197 PHONE: 263-0777ARCHITECT: CLAUDIO VIGIL CONTACT: C. VigilADDRESS: 825 Pennsylvania NE 87110 PHONE: 265-3000SURVEYOR: T. MANN CONTACT: _____

ADDRESS: _____ PHONE: _____

CONTRACTOR: - 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☐ OTHER _____ (SPECIFY)

DATE SUBMITTED:

BY:

OCT 31 1991

10-31-91

J. P. Borden & E



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

***Planning Department
Transportation Development Services Section***

May 15, 2003

Claudio Vigil, Registered Architect
1801 Rio Grande NW
Albuquerque, NM 87104

Re: Certification Submittal for Final Building Certificate of Occupancy for
Zanios Food Phase 4 Addition, [K-10-D21A]
221 Airport Road
Architect's Stamp Dated 05/09/03

Dear Mr. Vigil:

The TCL / Letter of Certification submitted on May 15, 2003 is sufficient for acceptance by this office for final Certificate of Occupancy (C.O.). Notification has been made to the Building and Safety Section.

Sincerely,

Nilo Salgado-Fernandez, P.E.
Senior Traffic Engineer
Development and Building Services
Planning Department

c: Engineer
Hydrology file
CO Clerk

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/28/2003rd)

PROJECT TITLE: ZANIOS FOOD PHASE 4 ADDITION ZONE MAP/DRG. FILE #: K-16/D21A
DRB #: 91-289 EPC#: 2-90-389 WORK ORDER#: _____

LEGAL DESCRIPTION: LOT A-1-A-1-A WEST 66 ADDITION
CITY ADDRESS: 221 AIRPORT ROAD

ENGINEERING FIRM: _____
ADDRESS: _____
CITY, STATE: _____

CONTACT: _____
PHONE: _____
ZIP CODE: _____

OWNER: _____
ADDRESS: _____
CITY, STATE: _____

CONTACT: _____
PHONE: _____
ZIP CODE: _____

ARCHITECT: CLAUDIO VIGIL ARCHITECTS
ADDRESS: 1801 RIO GRANDE BLDG.
CITY, STATE: ALBUQUERQUE NM

CONTACT: ARTHUR BLESSEN
PHONE: 842-1113
ZIP CODE: 87104

SURVEYOR: _____
ADDRESS: _____
CITY, STATE: _____

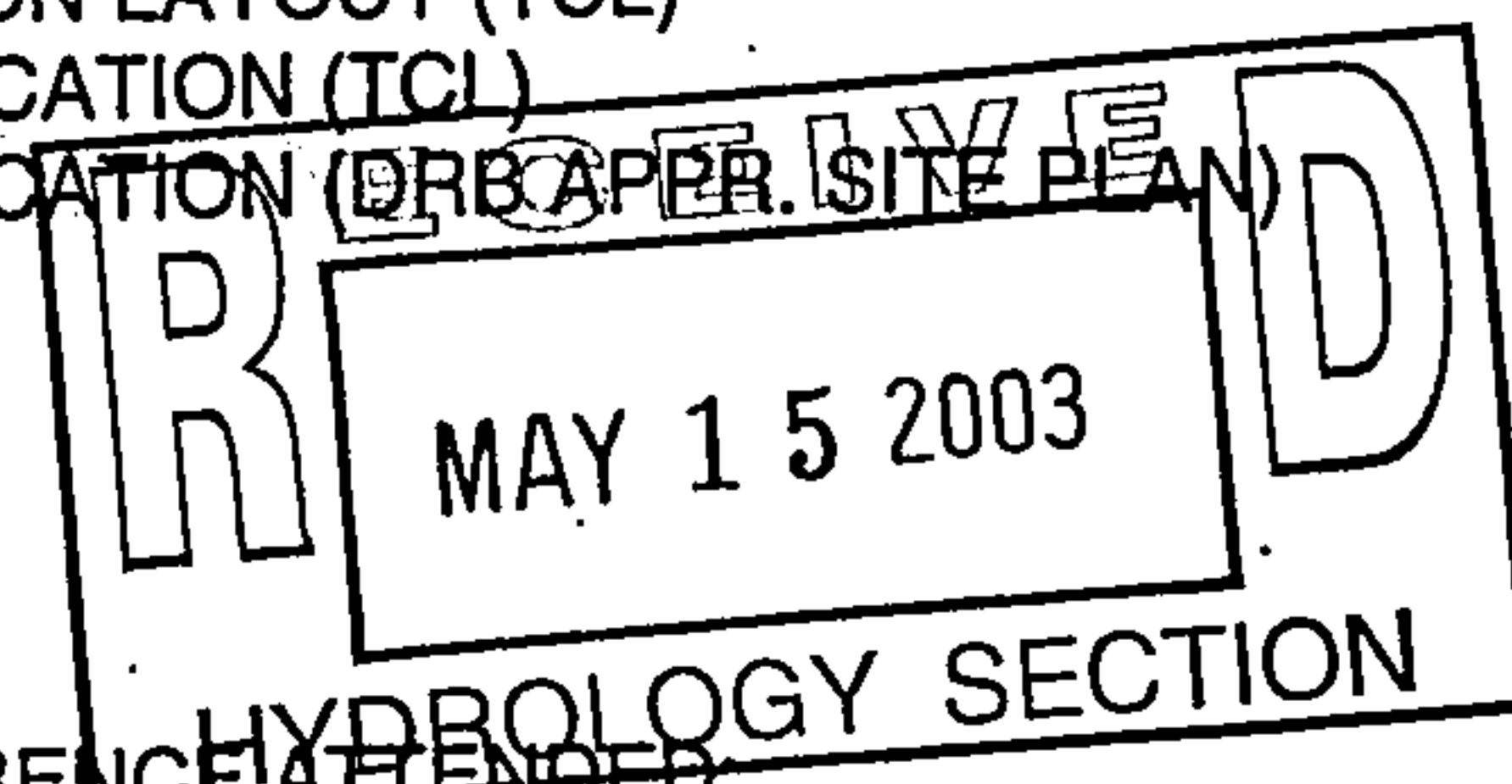
CONTACT: _____
PHONE: _____
ZIP CODE: _____

CONTRACTOR: _____
ADDRESS: _____
CITY, STATE: _____

CONTACT: _____
PHONE: _____
ZIP CODE: _____

CHECK TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT
- ☐ DRAINAGE PLAN 1st SUBMITTAL, **REQUIRES 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)
- ☐ ENGINEERS CERTIFICATION (TCL)
- ☒ ENGINEERS CERTIFICATION (DRB APPR. SITE PLAN)
- ☐ OTHER

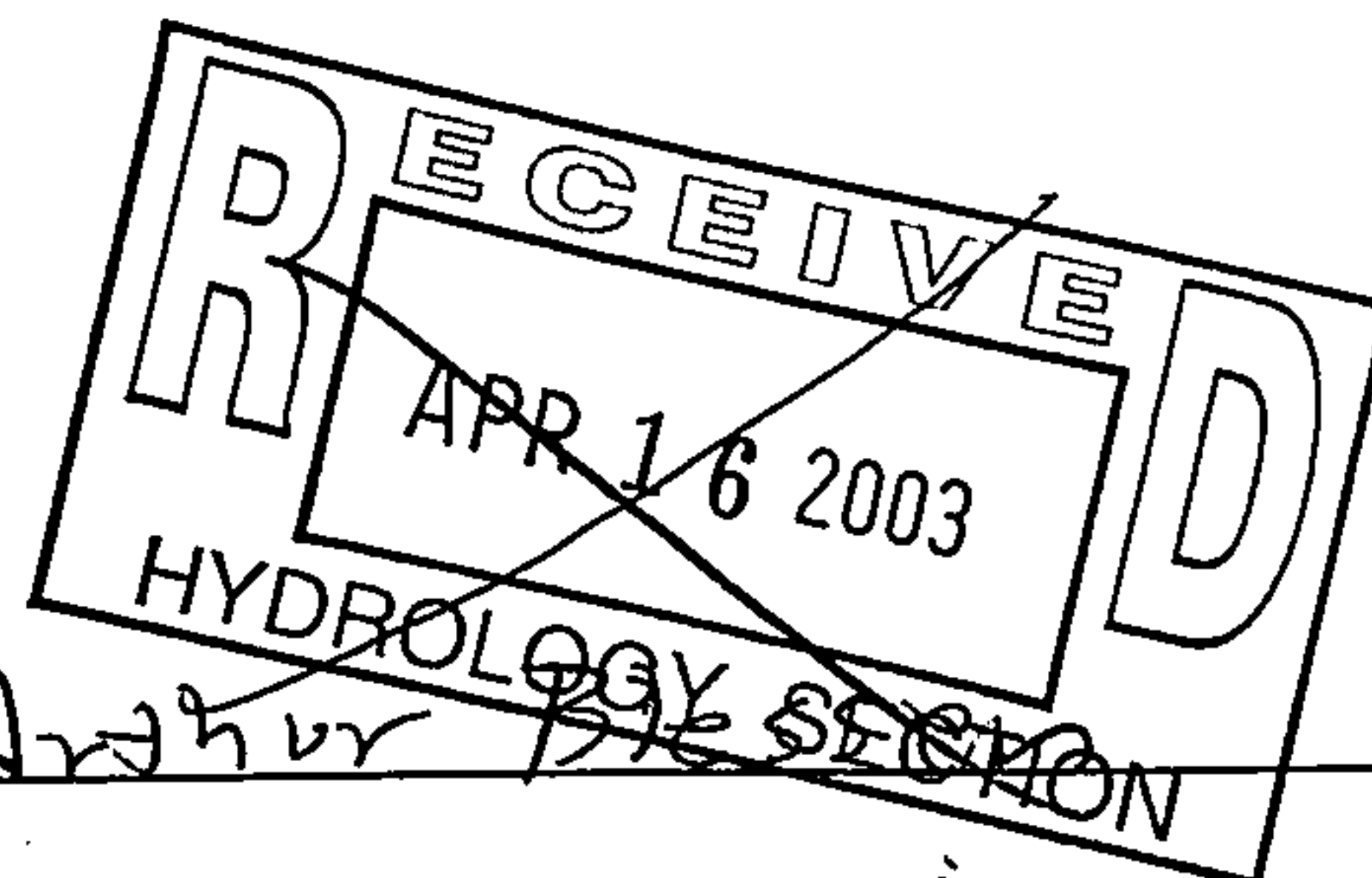


CHECK TYPE OF APPROVAL SOUGHT:

- ☐ SIA / FINANCIAL GUARANTEE RELEASE
- ☐ PRELIMINARY PLAT APPROVAL
- ☐ S. DEV. PLAN FOR SUB'D. APPROVAL
- ☐ S. DEV. PLAN FOR BLDG. 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: 4/16/03 BY: J Arthur BlesSEN

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.

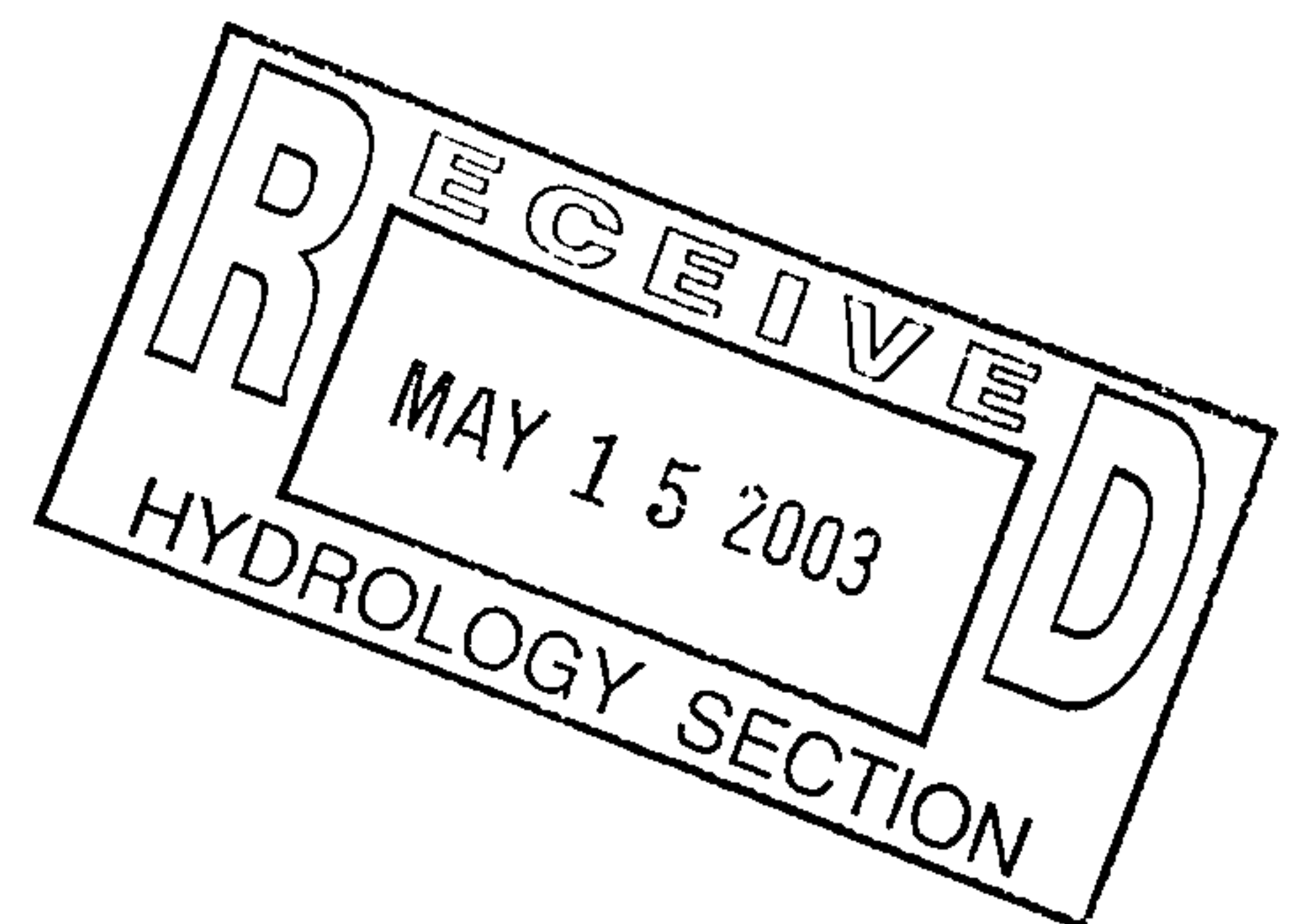


CLAUDIO VIGIL ARCHITECTS

April 15, 2003

Mr. Richard Dourte, P.E.
600 2nd. St. N.W.
Transportation Department
Building and Inspection
Albuquerque, New Mexico

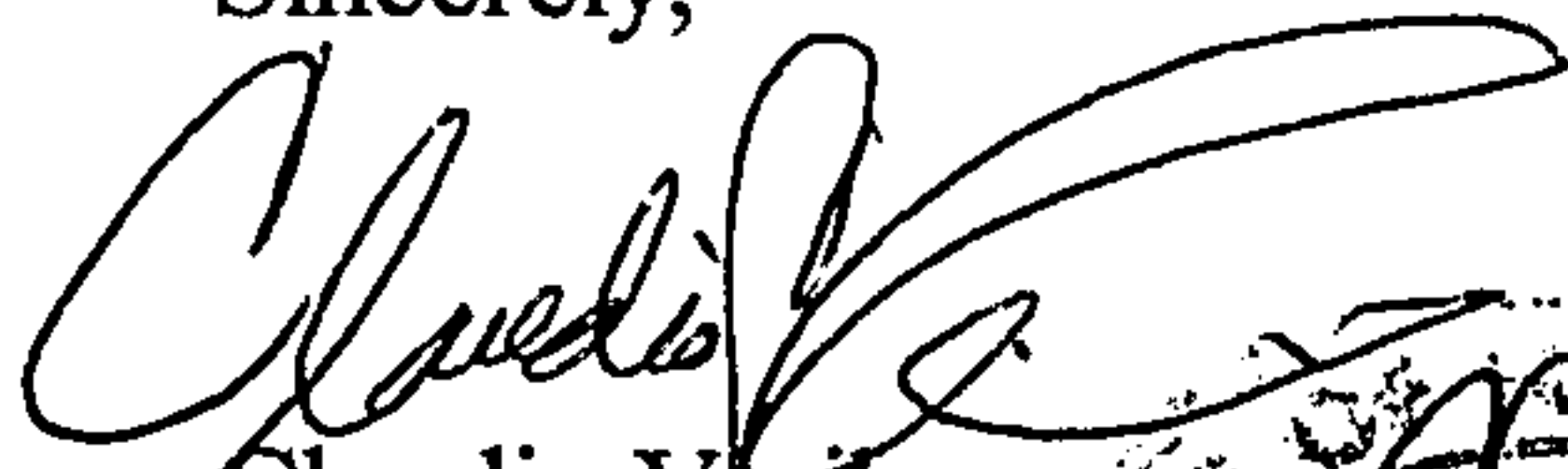
RE: Certification TCL
Tract Y-1 Uncle Cliff's Familyland
Desert Rat Addition
5401 San Mateo NE

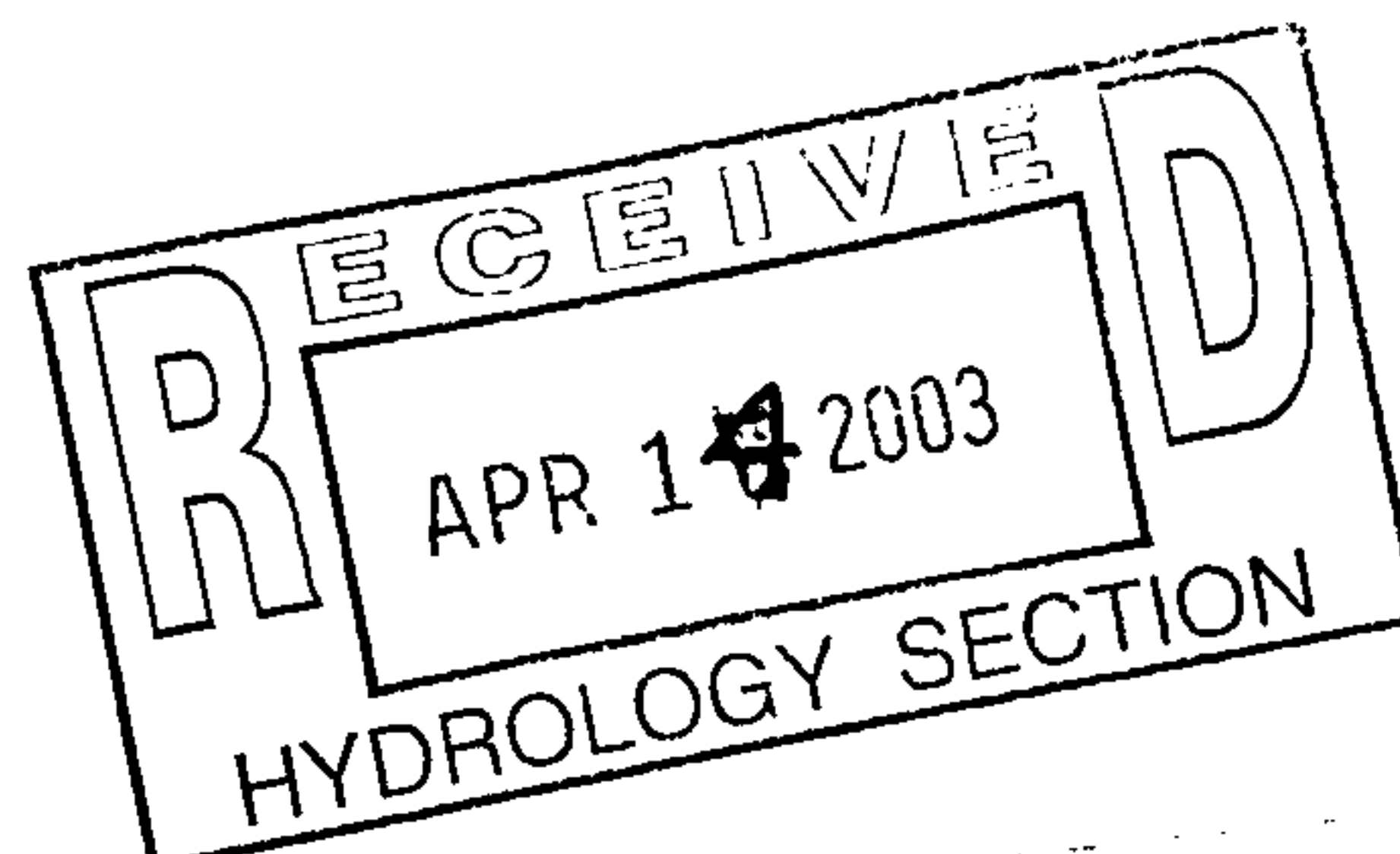


Dear Mike Zamora/Richard Dourte,:

On April 15, 2003 this office made an inspection of the completed improvements to Desert Rat Addition located at 5401 San Mateo NE. All work necessary to support the addition has been completed and is in substantial compliance with the approved TCL plan. The location of the trash enclosure was revised per the requirements of Solid Waste. The work is complete and ready for occupancy.

Sincerely,


Claudio Vigil
President



*Need stamp &
signature
5/7/03
and 3:21
date it*

5/9/03
Returned Cert. letter
to consultant for
Stamp, sign & date
Received
15 May 03 (PM) 2:28pm



CLAUDIO VIGIL ARCHITECTS

April 15, 2003

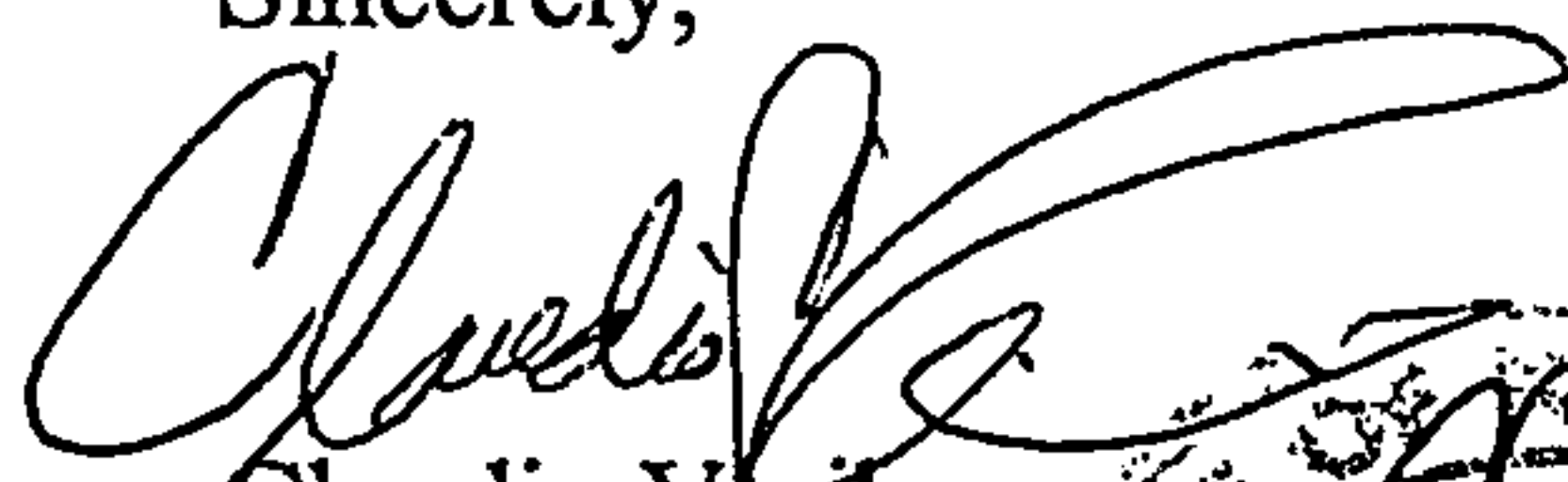
Mr. Richard Dourte, P.E.
600 2nd. St. N.W.
Transportation Department
Building and Inspection
Albuquerque, New Mexico

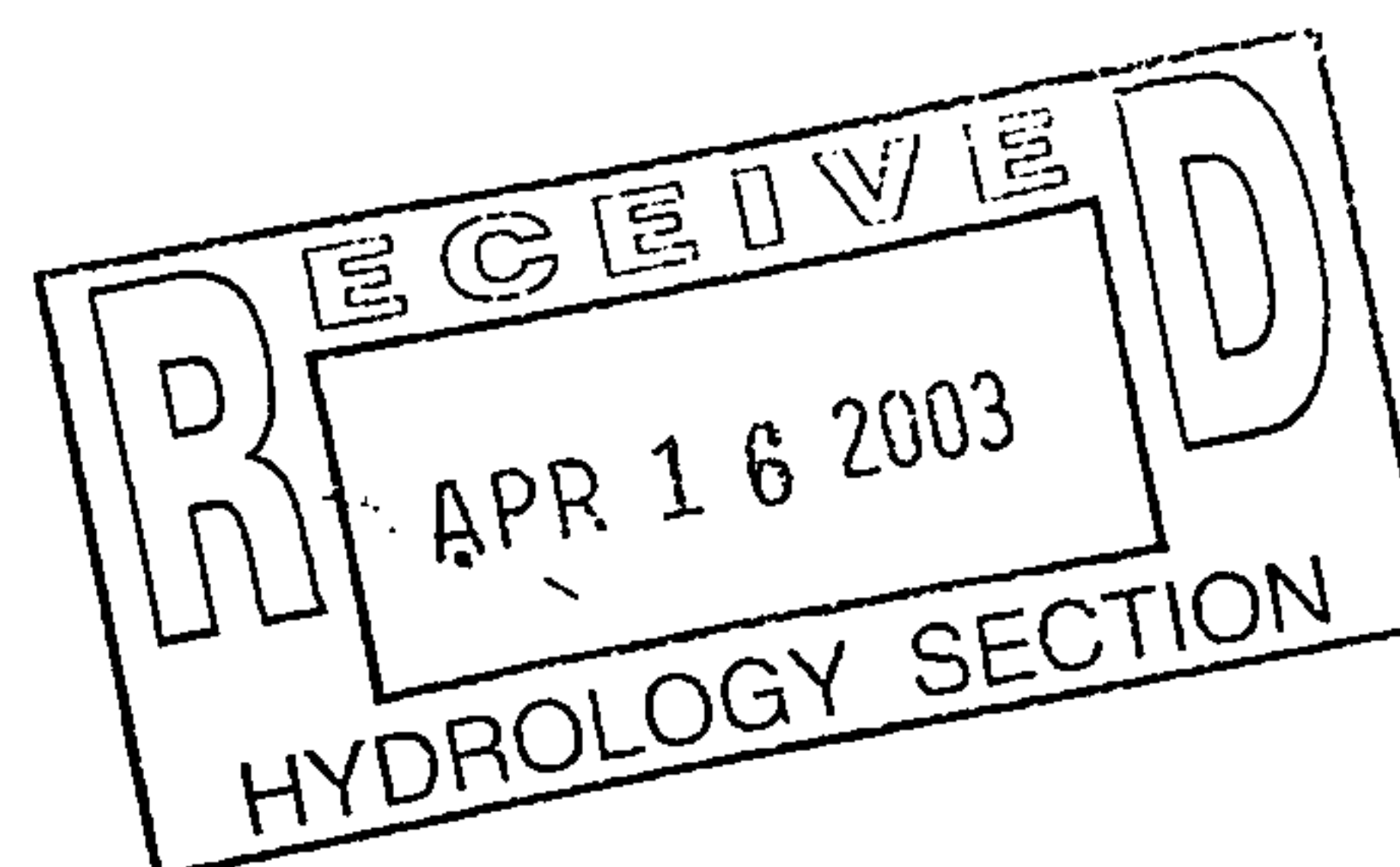
RE: Certification TCL
Tract Y-1 Uncle Cliff's Familyland
Desert Rat Addition
5401 San Mateo NE

Dear Mike Zamora/Richard Dourte,:

On April 15, 2003 this office made an inspection of the completed improvements to Desert Rat Addition located at 5401 San Mateo NE. All work necessary to support the addition has been completed and is in substantial compliance with the approved TCL plan. The location of the trash enclosure was revised per the requirements of Solid Waste. The work is complete and ready for occupancy.

Sincerely,


Claudio Vigil
President



DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/28/2003rd)

PROJECT TITLE: ZANIOS PHASE 4 ADDITION ZONE MAP/DRG. FILE #: K-10/ D21A
 DRB #: 91-289 / 90-389 EPC#: 2-90-96-1 WORK ORDER#: _____

LEGAL DESCRIPTION: LOT A-1-A-1-A WEST 66 ADDITION
 CITY ADDRESS: 221 AIRPORT ROAD NW

ENGINEERING FIRM: _____
 ADDRESS: _____
 CITY, STATE: _____

CONTACT: _____
 PHONE: _____
 ZIP CODE: _____

OWNER: JIM ZANIOS
 ADDRESS: 221 AIRPORT ROAD
 CITY, STATE: ALBUQUERQUE NM

CONTACT: _____
 PHONE: _____
 ZIP CODE: _____

ARCHITECT: CLAUDIO VICI ARCHITECTS
 ADDRESS: 1801 RIO GRANDE BLDG.
 CITY, STATE: ALBUQUERQUE NM

CONTACT: ARTHUR BLESSEN
 PHONE: 842-1113
 ZIP CODE: 87104

SURVEYOR: _____
 ADDRESS: _____
 CITY, STATE: _____

CONTACT: _____
 PHONE: _____
 ZIP CODE: _____

CONTRACTOR: _____
 ADDRESS: _____
 CITY, STATE: _____

CONTACT: _____
 PHONE: _____
 ZIP CODE: _____

CHECK TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT
- ☐ DRAINAGE PLAN 1st SUBMITTAL, *REQUIRES 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)
- ☒ 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. 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: 4-10-03

BY: J. Arthur Blessen

• substantial add. ?
• Need approved site plan
4/11/03 8:05
waiting for the info

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.



CLAUDIO VIGIL ARCHITECTS

August 10, 2003

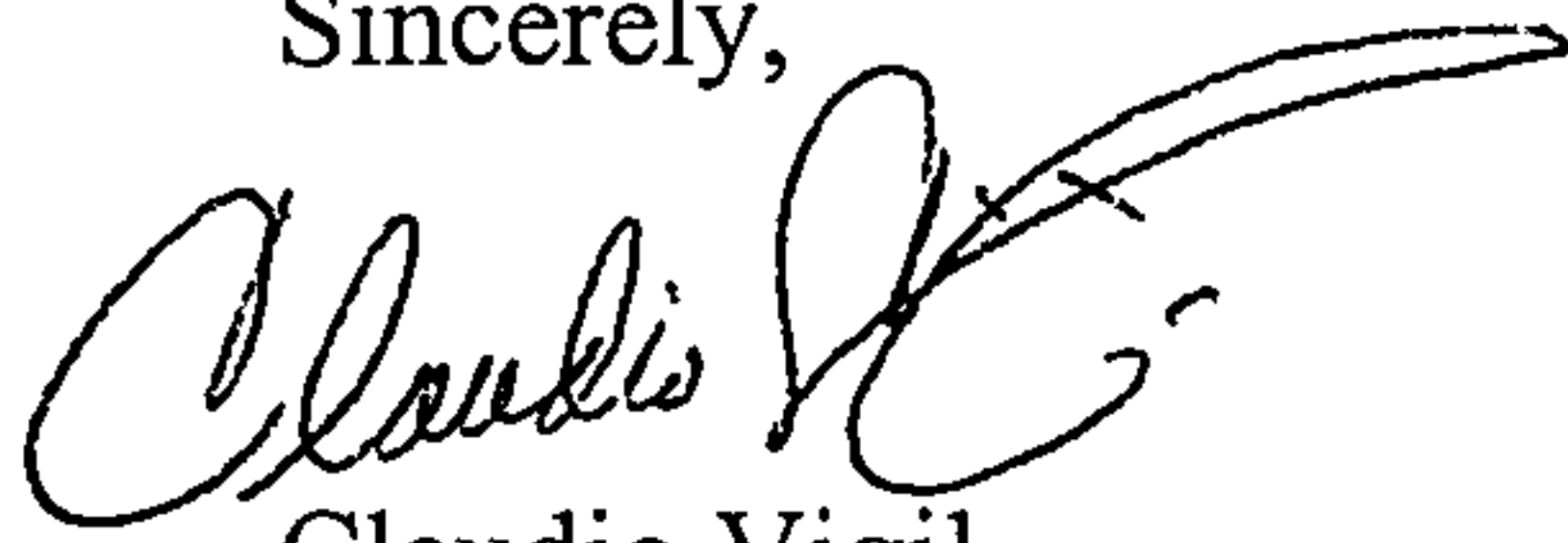
Mr. Richard Dourte, P.E.
600 2nd. St. N.W.
Transportation Department
Building and Inspection
Albuquerque, New Mexico

RE: Certification DRB #91-289, Z-90-389
Lot A-1-A-1-A
Zanios Foods
221 Airport Road N.W.

Dear Mike Zamora/Richard Dourte,:

On April 1, 2003 this office made an inspection of the completed improvements to Phase IV, (south end) of the Zanio's Food Distribution building located at 221 Airport Road N.W. All work necessary to support the addition has been completed and is in compliance with the approved DRB plan. The work is complete and ready for occupancy.

Sincerely,


Claudio Vigil
President