CITY OF ALBUQUERQUE

September 2, 2008

Dennis Blanford
DAB Enterprises
5317 Marble NE
Albuquerque, NM 87110

Re: Funnel Cake Building, 1622 2nd Street NW, (J-14/D151)
Approval of Permanent Certificate of Occupancy,
Engineer's Stamp Dated: 9-27-04

Mr. Blanford:

Based upon the information provided by our visual inspection on 9/02/08, the above referenced certification is approved for release of Permanent Certificate of Occupancy by Hydrology.

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

Sincerely,

Timothy Sims
Plan Checker-Hydrology, Planning Dept
Development and Building Services

C: CO Clerk—Katrina Sigala
file

PO Box 1293
Albuquerque
NM 87103
www.cabq.gov

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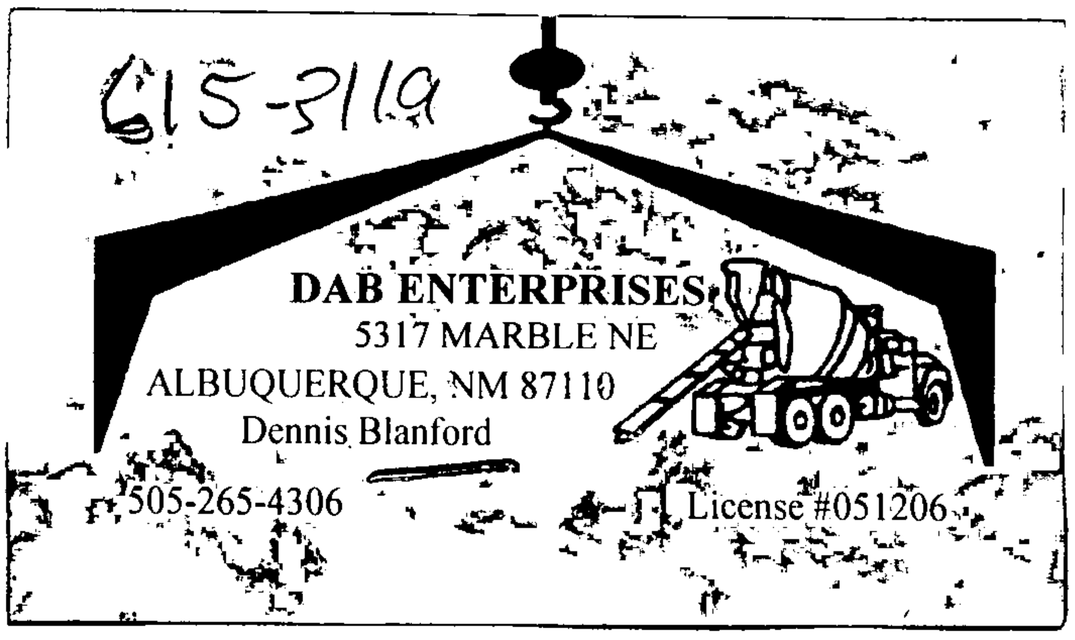


CITY OF ALBUQUERQUE

THREE HUNDRED YEARS
1706 • 2006
ALBUQUERQUE
Making History

October 12, 2004

Lyle Losack, P.E.
Quik Draw
P.O. Box 729
Corrales, NM 82048

Re: Funnel Cake Building, 1622 2nd Street NW, Grading and Drainage Plan Engineer's Stamp dated 9-27-04 (J14-D151)

Dear Mr. Losack,

Based upon the information provided in your submittal received 9-29-04, the above referenced plan 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 you have any questions, you can contact me at 924-3981.

Sincerely,

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

C: File

P.O. Box 1293

Albuquerque

New Mexico 87103

www.cabq.gov

DRAINAGE REPORT

FOR

FUNNEL CAKES

Prepared By:

QuikDraw Engineering/Design
Post Office Box 729
Corrales, New Mexico 87048
Phone: 505-898-0389
FAX: 505-897-0389 FAX
E-Mail: quikdrawengr@aol.com
Job: Funnel Cakes

RECEIVED
SEP 2 9 2004
HYDROLOGY SECTION

Lyle C. Losack, P.E. 9/27/04

Table of Contents

1. Purpose and Scope 1

2. Site Description/Existing Drainage Conditions 1

3. Design Criteria/Land Treatments 1

4. Drainage Management Plan 2

5. Conclusion 2

Appendix A
Zone Atlas Maps/Adjacent Development Map/Vicinity Map
Firm Map

Appendix B
Existing Condition Calculations
Ultimate Condition Calculations

1. Purpose and Scope

This parcel is proposed to be developed as a warehouse for a Funnel Cake business.

This report presents an overall drainage management plan for approval by the City of Albuquerque in order that the subsequent development may proceed.

2. Site Description/Existing Drainage Conditions

This development is located off 2nd Street @ # _____ It is bounded by commercial lots to the North, & South and East. The North lot is separated by a CMU wall & the South lot is separated by chain link fence . The East lot is separated by 1/2 CMU & ½ chain link.

There are no existing offsite flows that impact tgis site. Drainage from 2nd Street goes to drop inlets, drainage to the North and South go to 2nd Street. The lot to the East drains to 1st Street. In addition, the existing flows from the proposed site presently drain to 2nd Street and then flow to existing storm drains.

3. Design Criteria/Land Treatments

The drainage plan presented in this report has been prepared in accordance with the City of Albuquerque Drainage Ordinances and Chapter 22 of the Development Process Manual (DPM).

Rainfall intensities per this report are as follows:

Zone	P_{60}	P_{360}	P_{1440}
2	2/01	2.35	2.75

Land Treatment (DPM Pg 22-11) Multiple Unit Attached

Treatment Type	A	B	C	D
Commercial	0	15	10	90

Total drainage area for the warehouse is .17 acres. (The C-2 zoning is to be graded and bermed to insure drainage continues to drain to 2nd Street (as it does presently).

4. Drainage Management Plan

As the calculations in the Appendix show, the existing flow coming off the site is 0.47 cfs and the proposed flow is 0.8 cfs – a 0.33 cfs increase.

5. Conclusion

Per the overall plan, no adverse downstream impact will result from this development. The proposed system will improve the local drainage situation for this lot. Any storm event in excess of the 100-year, 6-hour storm will also go to 2nd Street & drain to existing inlets.

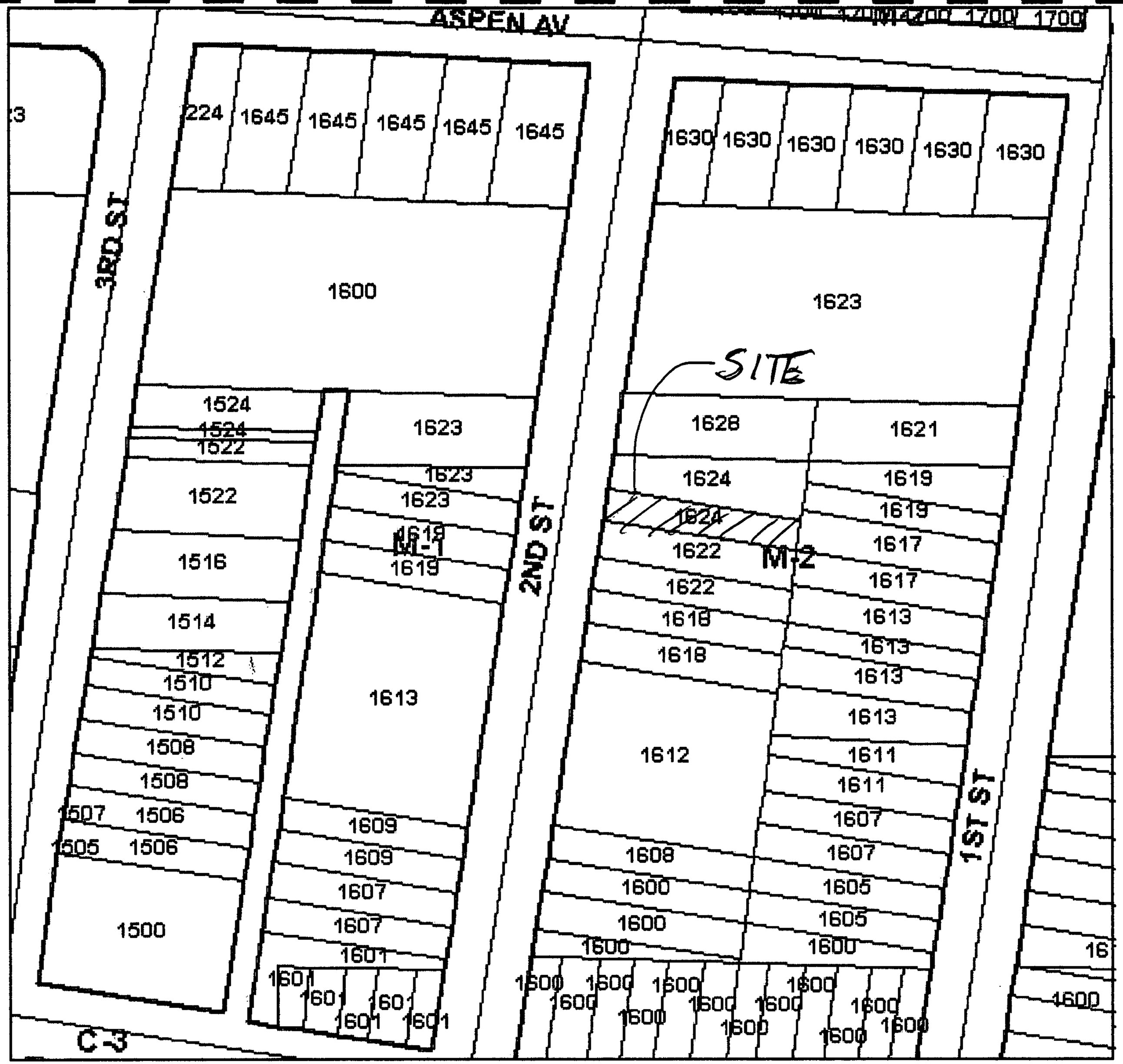
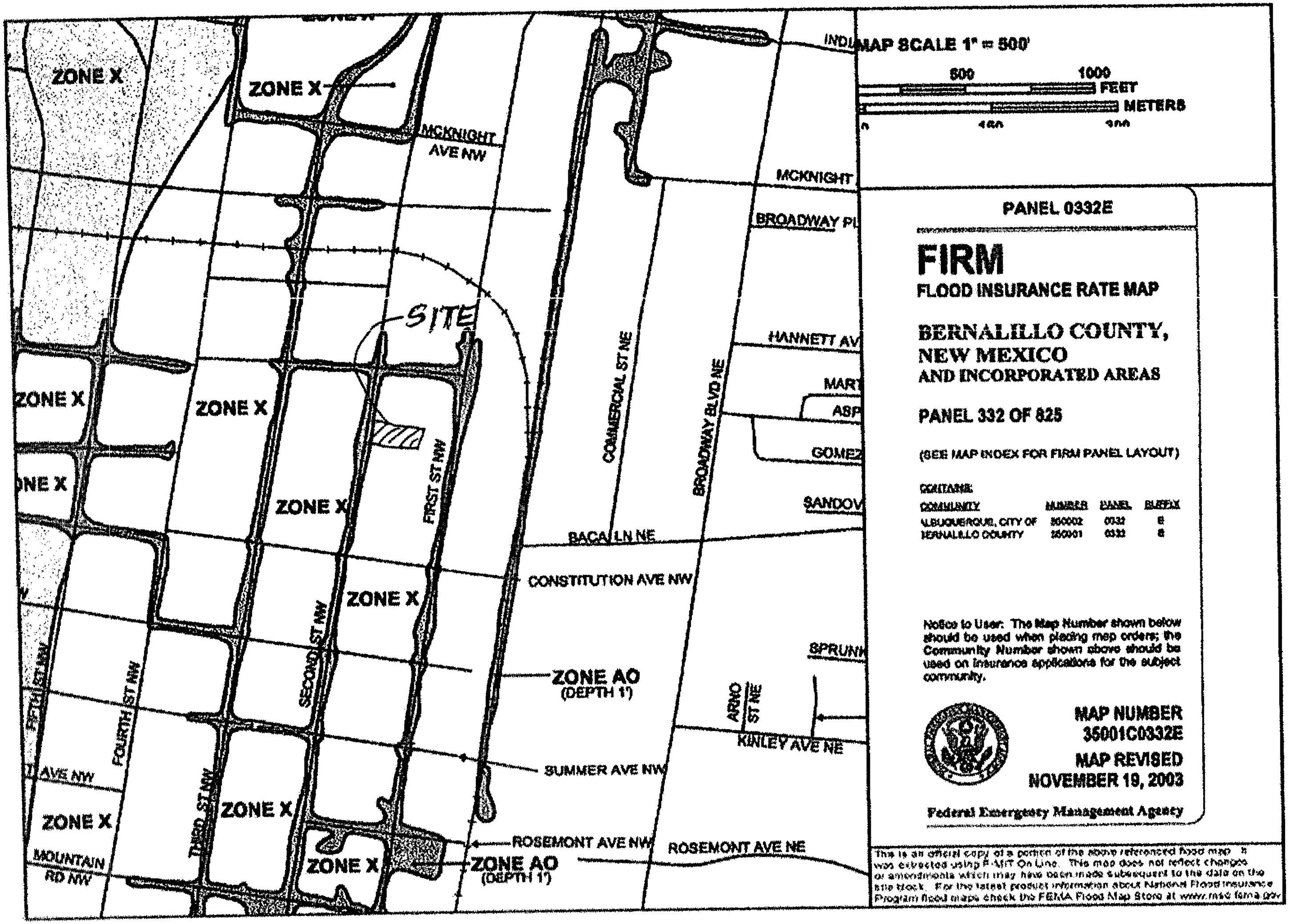

ASPEN AV
3RD ST
2ND ST
1ST ST
SITE
M-1
M-2
C-3
1600
1623
1645
1630
1524
1522
1516
1514
1512
1510
1508
1507
1506
1505
1500
1613
1609
1607
1601
1628
1621
1624
1619
1617
1622
1618
1612
1611
1605
1608

Exhibit 1-4


MAP SCALE 1" = 500'
500
1000
FEET
METERS
ZONE X
ZONE X
ZONE X
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ZONE X
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ZONE X
ZONE X
ZONE X
ZONE X
ZONE X
ZONE X
ZONE AO
(DEPTH 1')
ZONE AO
(DEPTH 1')
SITE
MCKNIGHT AVE NW
MCKNIGHT
BROADWAY PL
HANNETT AV
MART
ASP
GOMEZ
SANDOV
SPRUNK
BACA LN NE
CONSTITUTION AVE NW
SUMMER AVE NW
ROSEMONT AVE NW
ROSEMONT AVE NE
KINLEY AVE NE
COMMERCIAL ST NE
BROADWAY BLVD NE
ARNO ST NE
FIRST ST NW
SECOND ST NW
THIRD ST NW
FOURTH ST NW
MOUNTAIN RD NW
PANEL 0332E
FIRM
FLOOD INSURANCE RATE MAP
BERNALILLO COUNTY, NEW MEXICO
AND INCORPORATED AREAS
PANEL 332 OF 825
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)
CONTAINS:
COMMUNITY NUMBER PANEL SUFFIX
ALBUQUERQUE, CITY OF 350002 0332 E
BERNALILLO COUNTY 350001 0332 E
Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.
MAP NUMBER
35001C0332E
MAP REVISED
NOVEMBER 19, 2003
Federal Emergency Management Agency
This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

```
*                    ************************************
*                    *Funnel Cakes
*                    *100 YEAR 6 HOUR EXIST CONDITIONS
*                    ************************************
START                TIME=0.0 HR PUNCH CODE=0 PRINT LINES=-6
RAINFALL             TYPE=1 RAIN QUARTER=0.0
                     RAIN ONE=2.01 IN RAIN SIX=2.35 IN
                     RAIN DAY=2.75 IN DT=0.0333 HRS
COMPUTE NM HYD       ID=2 HYD NO=D2 DA=0.00027 SQ MI
                     PER A=0 PER B=50 PER C=50 PER D=0
                     TP=-0.1333 HR MASS RAIN=-1
PRINT HYD            ID=1 CODE=1
FINISH
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PAGE = 1

COMMAND	HYDROGRAPH IDENTIFICATION	FROM ID NO.	TO ID NO.	AREA (SQ MI)	PEAK DISCHARGE (CFS)	RUNOFF VOLUME (AC-FT)	RUNOFF (INCHES)	TIME TO PEAK (HOURS)	CFS PER ACRE	NOTATION
START										TIME= .00
RAINFALL TYPE= 1										RAIN6= 2.350
COMPUTE NM HYD	D2	-	2	.00027	.47	.013	.93675	1.499	2.738	PER IMP= .00
FINISH										

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                                                    0
                    ************************************
                    *FUNNEL CAKES
                    *100 YEAR 6 HOUR PROP CONDITIONS
                    ************************************
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AINFALL             TYPE=1 RAIN QUARTER=0.0
                    RAIN ONE=2.01 IN RAIN SIX=2.35 IN
                    RAIN DAY=2.75 IN DT=0.0333 HRS
                    ************
OMPUTE NM HYD       ID=1 HYD NO=D1 DA=0.00027 SQ MI
                    PER A=0 PER B=0 PER C=10 PER D=90
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                    ************
RINT HYD            ID=1 CODE=1
INISH
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COMMAND	HYDROGRAPH IDENTIFICATION	FROM ID NO.	TO ID NO.	AREA (SQ MI)	PEAK DISCHARGE (CFS)	RUNOFF VOLUME (AC-FT)	RUNOFF (INCHES)	TIME TO PEAK (HOURS)	CFS PER ACRE	PAGE = 1 NOTATION
START										TIME= .00
RAINFALL TYPE= 1										RAIN6= 2.350
COMPUTE NM HYD	D1	-	1	.00027	.80	.029	2.01658	1.499	4.637	PER IMP= 90.00
FINISH										

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```

CITY OF ALBUQUERQUE

THREE HUNDRED YEARS 1706 • 2006
ALBUQUERQUE
Making History

September 16, 2004

Lyle Losack, P.E.
Quik Draw
P.O. Box 729
Corrales, NM 82048

Re: Funnel Cake Building, 1622 2nd Street NW, Grading and Drainage Plan Engineer's Stamp dated 9-14-04 (J14-D151)

Dear Mr. Losack,

Based upon the information provided in your submittal received 9-14-04, the above referenced plan cannot be approved for Building Permit until the following comments are addressed:

1. The check list shown in Chapter 22, Section 7 of the City of Albuquerque Development Process Manual requires existing and proposed contours to be shown. These contours can be given by contour lines or spot elevations. These elevations must extend a minimum of 25 feet past the site.
2. Address offsite flow.
3. Please provide a swale detail.
4. Define the proximity of the site to any flood hazard zones.
5. Provide a vicinity map.
6. Give both existing and proposed conditions of the site (flow direction, calculated flow vales, etc.).
7. What is the finished floor elevation of the warehouse?

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

Sincerely,

Bradley L. Bingham

Bradley L. Bingham, PE
Principal Engineer, Planning Dept.
Development and Building Services

C: File

P.O. Box 1293
Albuquerque
New Mexico 87103
www.cabq.gov

Pan/Zoom | x,y: 3.61713,5.42569
dx,dy: -0.11073,3.14961 dist: 3.15155

Pan/Zoom | x,y: 4.53986,2.47293
dx,dy: 1.58711,-0.30758 dist: 1.61664