

CITY OF ALBUQUERQUE



September 12, 2007

John MacKenzie, P.E.
Mark Goodwin & Associates, P.A.
PO Box 90606
Albuquerque, NM 87199

**Re: KFC / Taco Bell - West Central, 6810 Central Ave SW,
Permanent Certificate of Occupancy (C.O.)
Engineer's Stamp dated 12/13/06 (K-10/D025B)
Certification dated 09/12/2007**

Based upon the information provided in your submittal received 9/12/07, the above referenced certification is released for Permanent Certificate of Occupancy by hydrology.

P.O. Box 1293

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

Albuquerque

Sincerely,

Timothy Sims
Plan Checker, Hydrology
Development and Building Services

New Mexico 87103

www.cabq.gov

C: File K10-D025B
CO Clerk- Katrina Sigala

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/28/2003rd)

PROJECT TITLE: KFC West Central Ave.SW
DRB #: _____ EPC#: _____

ZONE MAP/DRG. FILE #: K-10-10025B
WORK ORDER#: _____

LEGAL DESCRIPTION: Tract 61A1 Town Of Atrisco Grant, Unit 6.
CITY ADDRESS: 6810 Central Ave S.E

ENGINEERING FIRM: Mark Goodwin & Associates, PA
ADDRESS: PO Box 90606
CITY, STATE: Albuquerque, NM

CONTACT: Pavan K. Toleti
PHONE: 828-2200
ZIP CODE: 87199

OWNER: Schlegel Lewis Architects
ADDRESS: 1620 Central Avenue S.E
CITY, STATE: ALbuquerque, NM

CONTACT: Mr. David Abbott
PHONE: 247-1529
ZIP CODE: 87107

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:

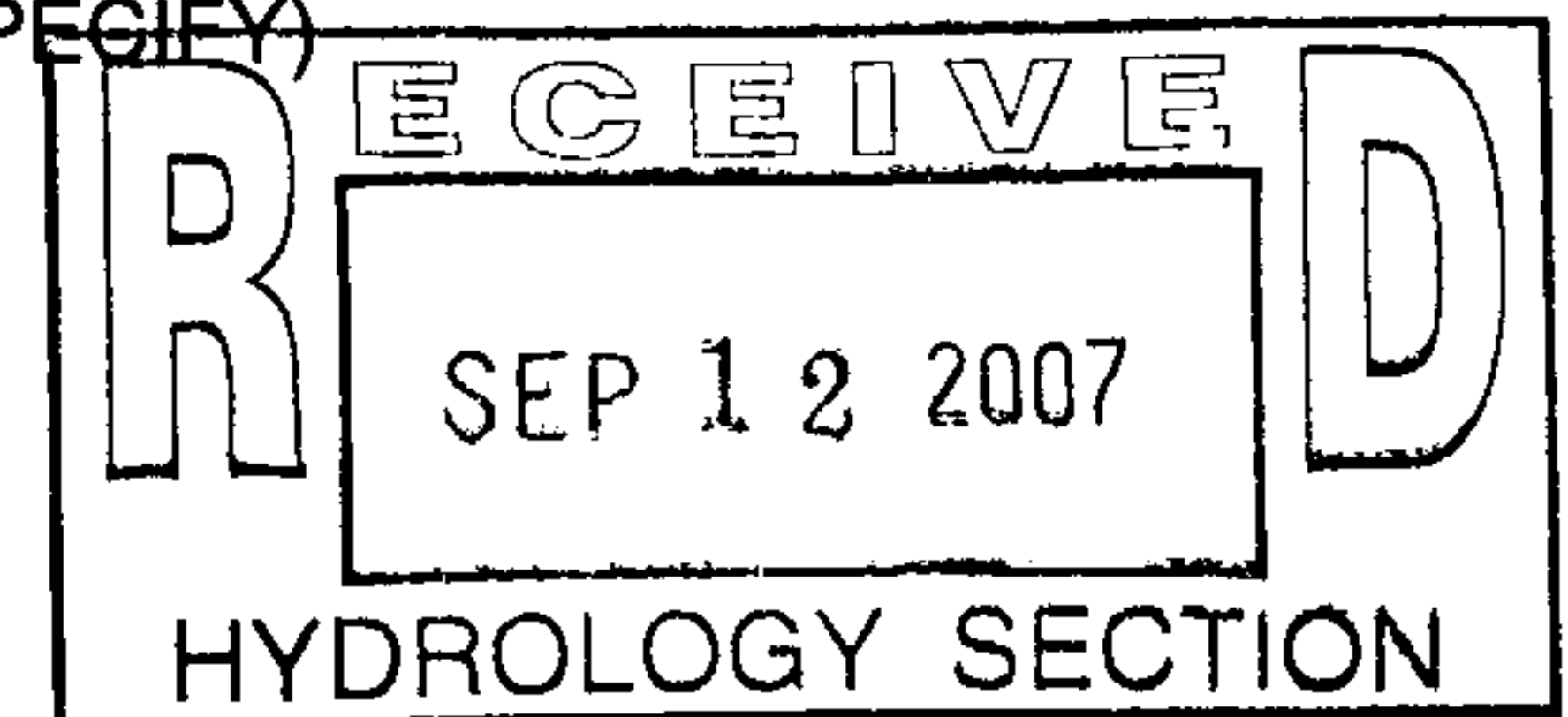
- ☐ DRAINAGE REPORT
- ☐ DRAINAGE PLAN 1st SUBMITTAL, **REQUIRES TCL or equal**
- ☐ DRAINAGE PLAN RESUBMITTAL
- ☐ CONCEPTUAL GRADING & DRAINAGE PLAN
- ☐ GRADING PLAN
- ☐ EROSION CONTROL PLAN
- ☒ ENGINEER'S CERTIFICATION (HYDROLOGY)
- ☐ CLOMR/LOMR
- ☐ TRAFFIC CIRCULATION LAYOUT (TCL)
- ☐ ENGINEERS CERTIFICATION (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: September 12, 2007

BY: Pavan K. Toleti

(Signature: P. Parankumar)

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



September 5, 2007

John MacKenzie, P.E.
Mark Goodwin & Associates, P.A.
PO Box 90606
Albuquerque, NM 87199

**Re: KFC / Taco Bell - West Central, XXXX Central Ave SW,
Temporary Certificate of Occupancy (C.O.)
Engineer's Stamp dated 12/13/06 (K-10/D025B)
Certification dated XX/XX/XX**

Based upon the information provided in your submittal received 9/05/07, the above referenced certification cannot be approved until the following comments are addressed:

P.O. Box 1293

Albuquerque

New Mexico 87103

www.cabq.gov

1. All certifications, Temporary or Permanent, require drainage certification language per the DPM; in the certification block there is a location that allows for explanations, deficiencies and corrections. This certification will need to be placed on the approved plan.
2. As built elevations will be required prior to any certificate of occupancy release. If requesting a temporary certification, the area being certified will need to be addressed on the plan.
3. The project address will need to be referenced on the drainage information sheet.

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

Sincerely,

Timothy Sims
Plan Checker, Hydrology
Development and Building Services

C: File K10-D025B

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/28/2003rd)

PROJECT TITLE: KFC West Central Ave.SW
DRB #: _____ EPC#: _____

ZONE MAP/DRG. FILE #: K-10-10625B.
WORK ORDER#: _____

LEGAL DESCRIPTION: Tract 61A1 Town Of Atrisco Grant, Unit 6.
CITY ADDRESS: Central Ave S.W 1600 Central

ENGINEERING FIRM: Mark Goodwin & Associates, PA
ADDRESS: PO Box 90606
CITY, STATE: Albuquerque, NM

CONTACT: Pavan K. Toleti
PHONE: 828-2200
ZIP CODE: 87199

OWNER: Schlegel Lewis Architects
ADDRESS: 1620 Central Avenue S.E
CITY, STATE: Albuquerque, NM

CONTACT: Mr. David Abbott
PHONE: 247-1529
ZIP CODE: 87107

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:

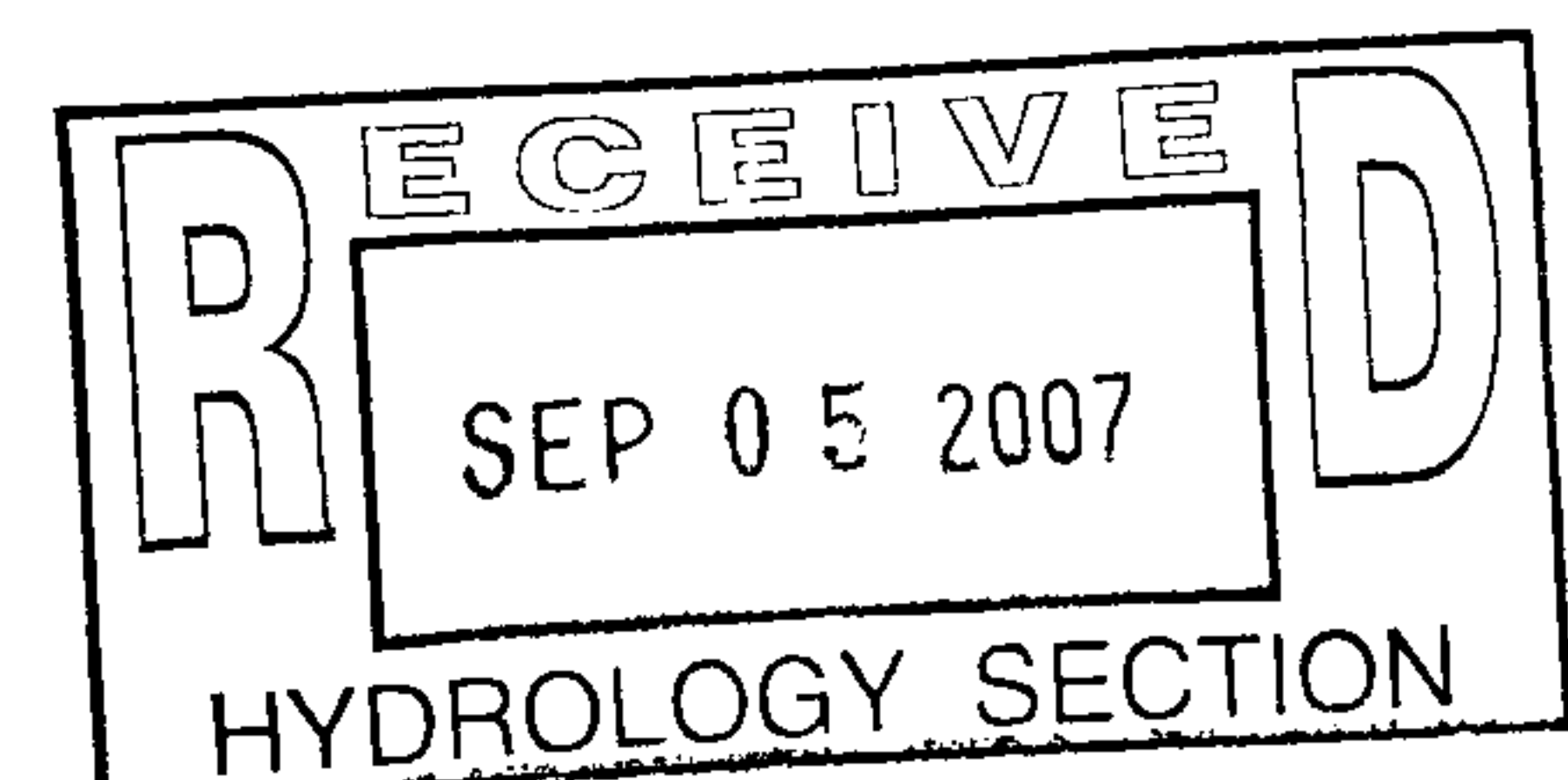
- ☐ SIA / FINANCIAL GUARANTEE RELEASE
- ☐ PRELIMINARY PLAT APPROVAL
- ☐ S. DEV. PLAN FOR SUB'D. APPROVAL
- ☐ S. DEV. PLAN FOR BLDG. PERMIT APPROVAL
- ☐ SECTOR PLAN APPROVAL
- ☐ FINAL PLAT APPROVAL
- ☐ FOUNDATION PERMIT APPROVAL
- ☐ BUILDING PERMIT APPROVAL
- ☐ CERTIFICATE OF OCCUPANCY (PERM.)
- ☒ CERTIFICATE 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: September 05, 2007

BY: Pavan K. Toleti



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.



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

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

September 7, 2007

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

Re: KFC/Taco Bell (HYDROLOGY CASE FILE K-10/D25B)

Dear Mr. Bingham:

This letter is requesting a Temporary Certificate of Occupancy for the referenced project. After personally visiting the above referenced site, I have determined that the project is in substantial compliance with the approved plans, with the exception of some relatively minor corrections that the contractor has yet to address.

A copy of the approved plan is included for your reference, although it does not contain any as-built information at this time. Once the deficiencies are corrected by the contractor, a final as-built and permanent CO submittal will be made within the next 30 days.

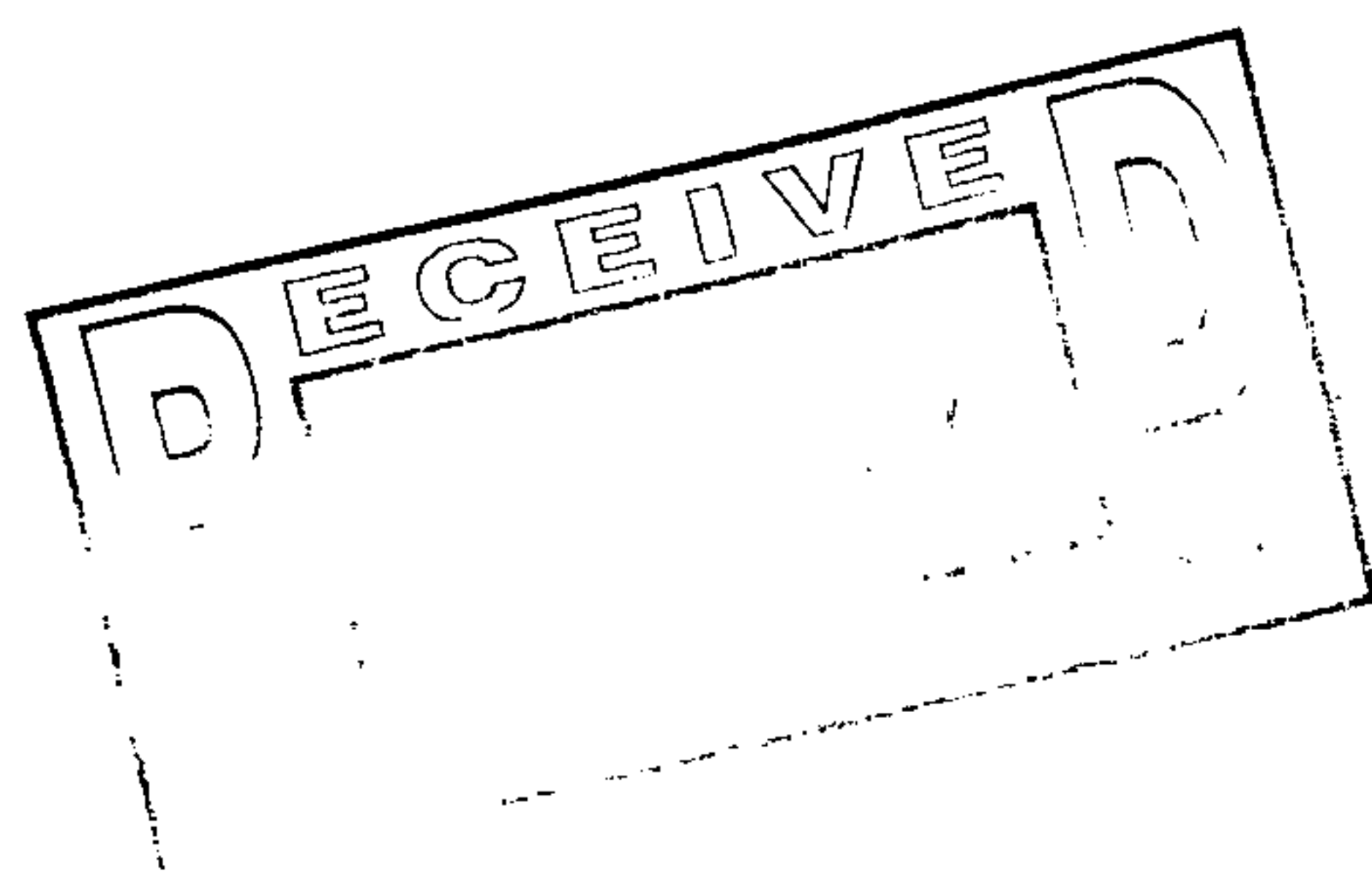
Please contact our office if you have any questions.

Sincerely,

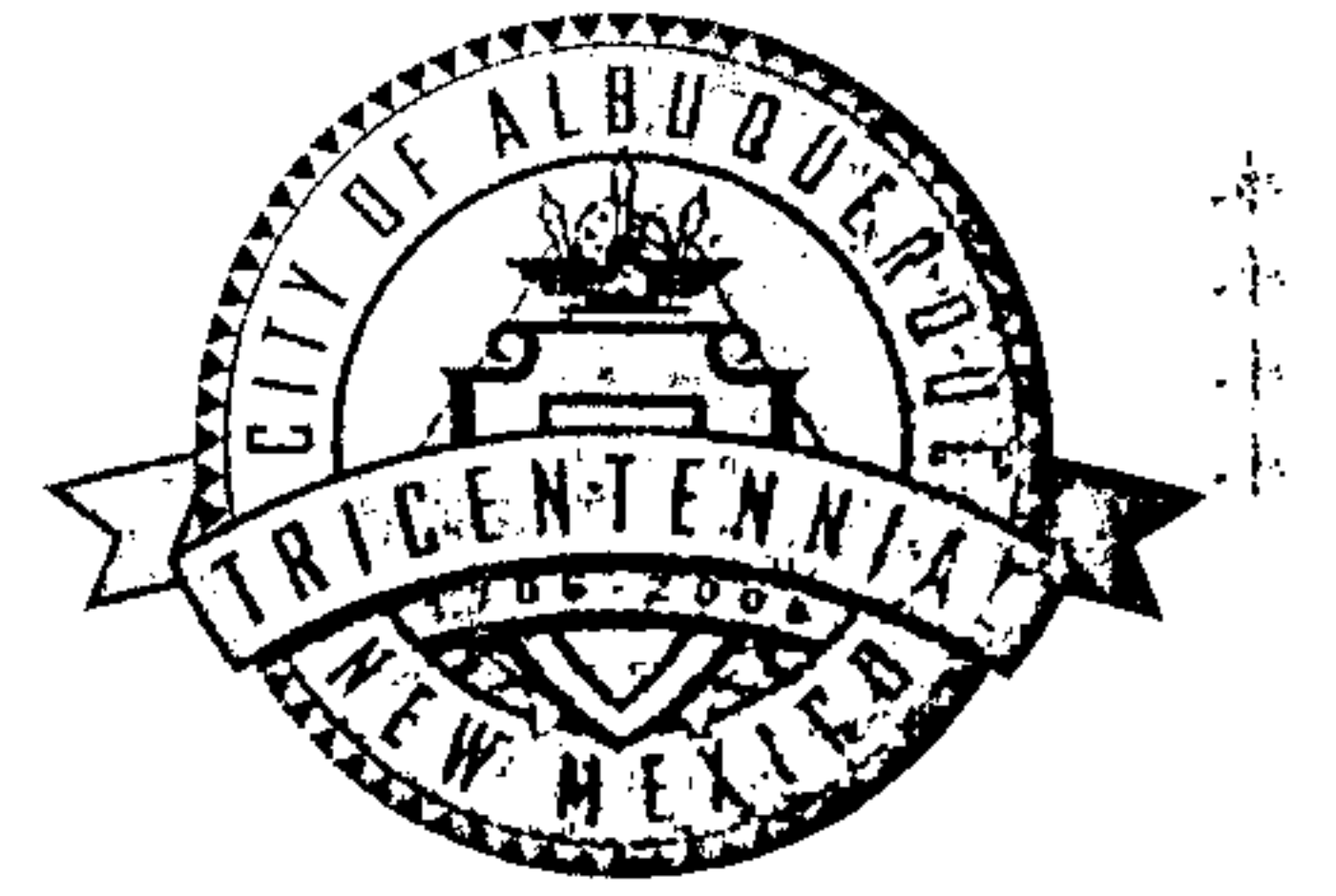
MARK GOODWIN & ASSOCIATES, P.A.

John M. MacKenzie, PE
President

JMM/jm



CITY OF ALBUQUERQUE



January 10, 2007

John M. Mackenzie, P.E.
D. Mark Goodwin & Associates, P.A.
PO Box 90606
Rio Rancho, NM 87199

Re: KFC West Central, Engineer's Stamp dated 12-13-06 (K10/D25B)
Request for Building, Grading, and Paving Permits

Dear Mr. Mackenzie,

Based upon the information provided in your submittal received December 14, 2006, the above referenced plan is approved for Paving, Grading, and Building Permits. 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 924-3990.

Sincerely,

Jeremy Hoover, P.E.
Senior Engineer
Hydrology Section
Development and Building Services

cc: file K10/D25B

P.O. Box 1293

Albuquerque

New Mexico 87103

www.cabq.gov

CITY OF ALBUQUERQUE



**Planning Department
Transportation Development Services Section**

August 17, 2007

James C Lewis, Registered Architect
1620 Central Ave. SE
Albuquerque, NM 87106

Re: Certification Submittal for Final Building Certificate of Occupancy for
Taco Bell/KFC,
6810 Central Ave SW [K-10/D25B]
Architect's Stamp Dated 08/14/07

Dear Mr. Lewis:

The TCL / Letter of Certification submitted on August 17, 2007 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 E. Salgado-Fernandez, P.E.
Senior Traffic Engineer
Development and Building Services
Planning Department

c: Engineer
Hydrology file
CO Clerk

P.O. Box 1293

Albuquerque

New Mexico 87103

www.cabq.gov

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/28/2003rd)

PROJECT TITLE: TACO BELL / KFC ZONE MAP/DRG. FILE #: K-10 / 025B
DRB #: _____ EPC#: _____ WORK ORDER#: _____

LEGAL DESCRIPTION: TRACT 61A2-A, UNIT 10, TOWN OF ARLISIO GRANT
CITY ADDRESS: 6810 CENTRAL SW

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

CONTACT: _____
PHONE: _____
ZIP CODE: _____

OWNER: _____
ADDRESS: _____
CITY, STATE: _____

CONTACT: _____
PHONE: _____
ZIP CODE: _____

ARCHITECT: JAMES C. LEWIS ARCHITECT
ADDRESS: 1670 CENTRAL SW
CITY, STATE: ALBANY NM

CONTACT: DAVID ABBOTT
PHONE: 247-1529
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:

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- ☐ PRELIMINARY PLAT APPROVAL
- ☐ S. DEV. PLAN FOR SUB'D. APPROVAL
- ☐ S. DEV. PLAN FOR BLDG. PERMIT APPROVAL
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- ☐ BUILDING PERMIT APPROVAL
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- ☐ CERTIFICATE OF OCCUPANCY (TEMP.)
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- ☐ PAVING PERMIT APPROVAL
- ☐ WORK ORDER APPROVAL
- ☐ OTHER (SPECIFY)

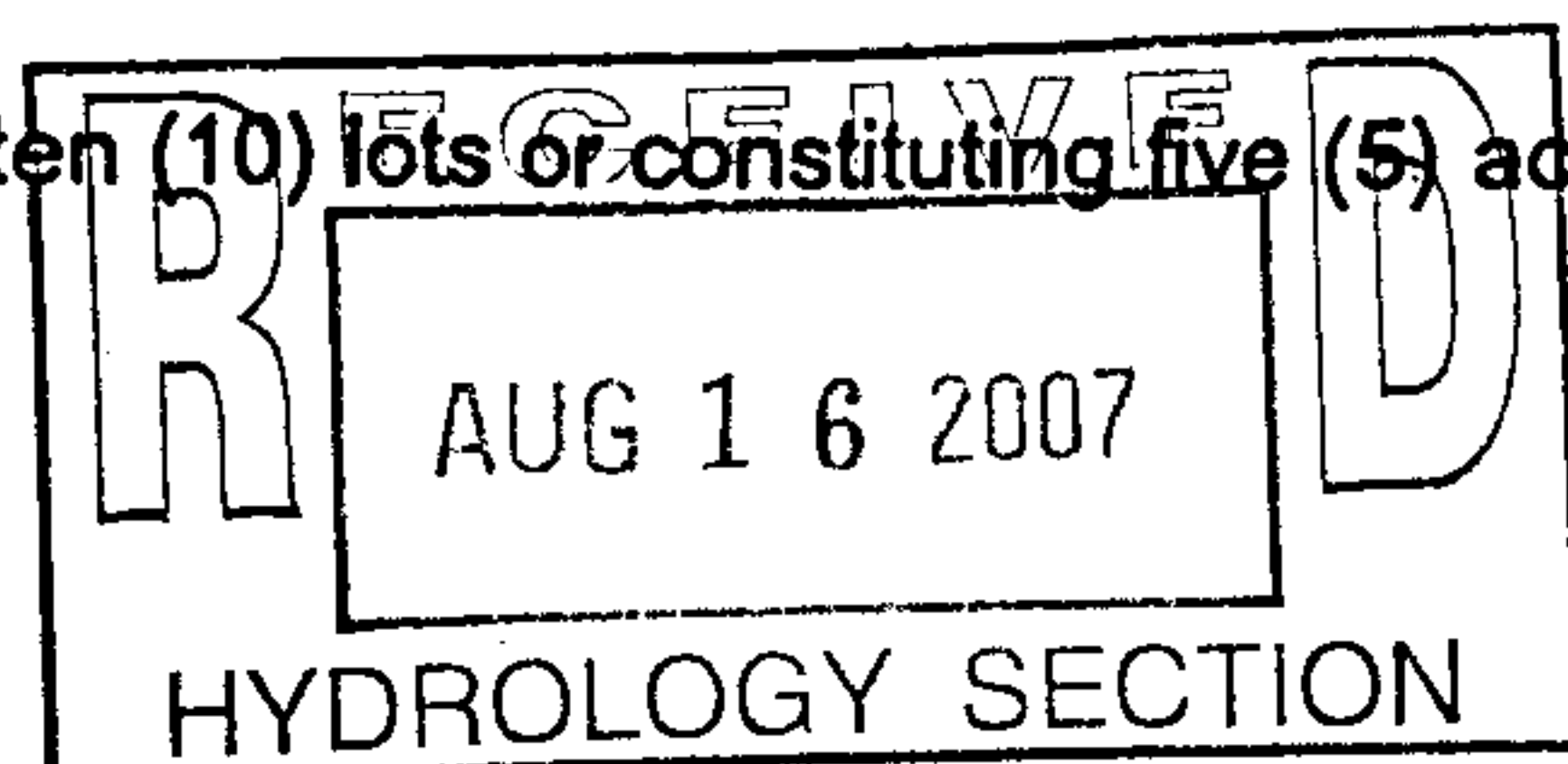
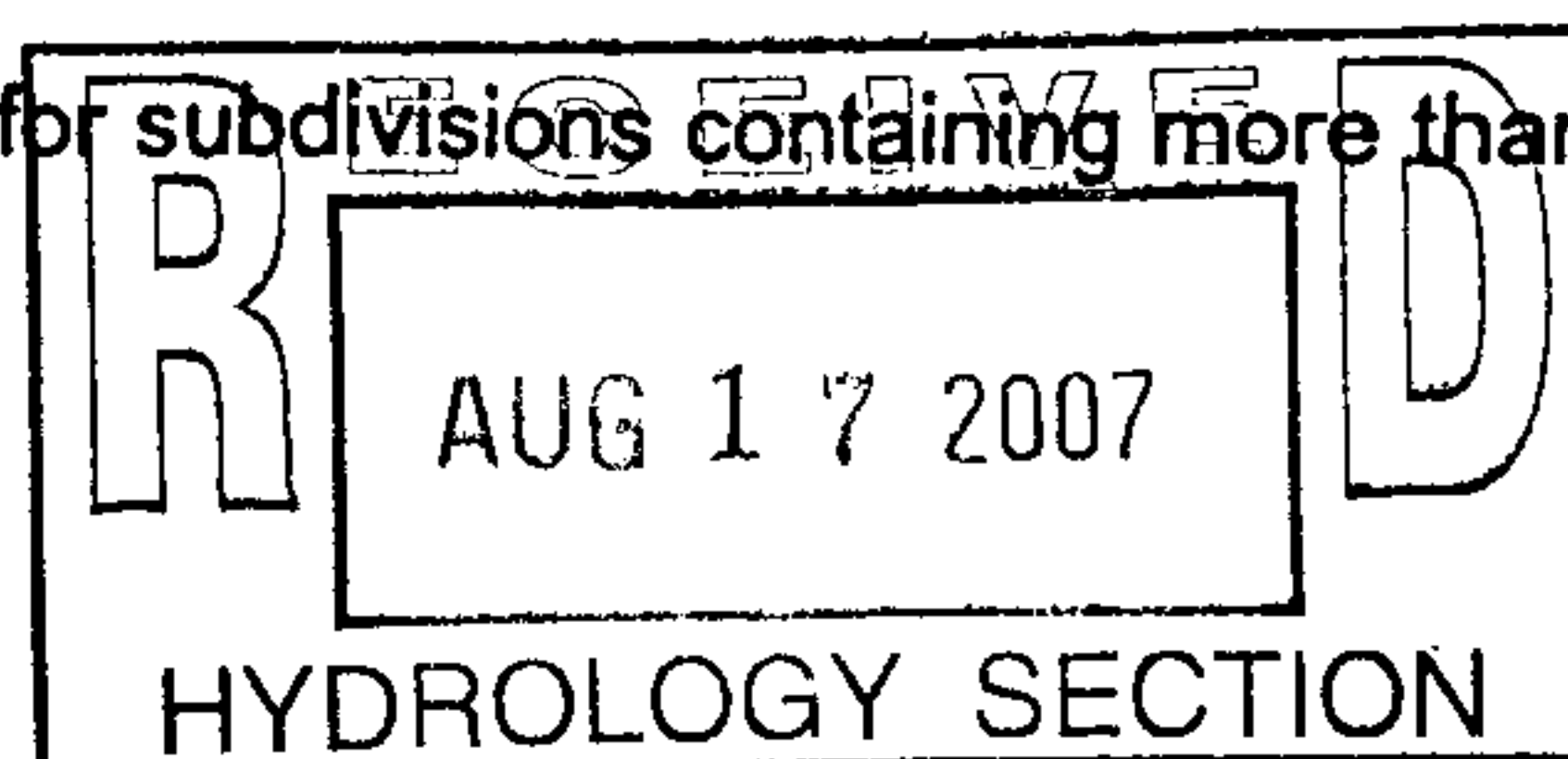
WAS A PRE-DESIGN CONFERENCE ATTENDED:

- ☐ YES
- ☒ NO
- ☐ COPY PROVIDED

DATE SUBMITTED: 8/17/07 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.



James C Lewis Architect


Traffic Certification

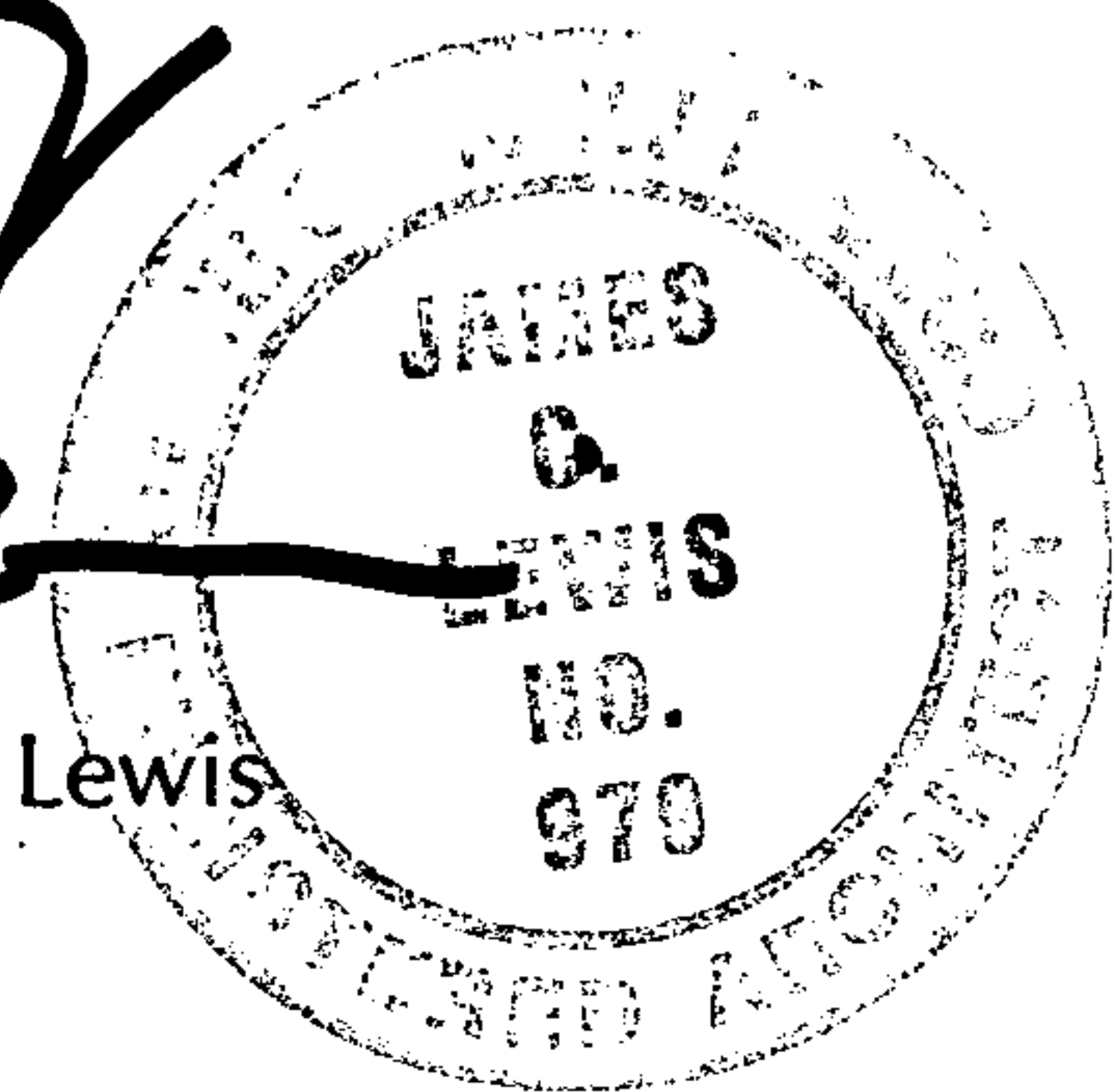
City of Albuquerque
Traffic Division
P.O. Box 1293
Albuquerque, NM 87103

Re: Taco Bell / KFC, 6810 Central Avenue SW

I, James C Lewis, NMRA, of the firm James C. Lewis Architect, Hereby by certify that this project is in substantial compliance with and in accordance with the design intent of the DRB, AA or TCL approved plan dated 12/19/06 (DRB chairpersons signature). The record information edited onto the original design document has been obtained by James C. Lewis, of the firm James C. Lewis Architect. I further certify that I have personally visited the project site on 08/14/07 and have determined by visual observation that the survey data provided is representative of actual site conditions and is true and correct to the best of my knowledge and belief. This certification is submitted in support of a request for Permanent Certificate of Occupancy.

THE RECORD INFORMATION PRESENTED HEREON IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE TRAFFIC ASPECTS OF THIS PROJECT. THOSE RELYING ON THE RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.


James C Lewis



08/14/07

CITY OF ALBUQUERQUE



**Planning Department
Transportation Development Services Section**

August 15, 2007

James C Lewis, Registered Architect,
General Design, Inc.
1620 Central Ave. SE
Albuquerque, NM 87106

Re: Approval of Temporary Certificate of Occupancy (C.O.) for
Taco Bell/KFC, [K-10 / D25B]
6810 Central SW
Stamp Dated

Dear Mr. Lewis:

Based on the information provided on your submittal dated August 14, 2007, the above referenced project is approved for a 90-day Temporary C.O.

A Temporary C.O. has been issued allowing the outstanding Architect Stamp (need stamp on certification letter) issue to be completed within this time period. When these remaining issues have been fully completed, are in substantial compliance, and a final Certification for Transportation has been resubmitted to the City's Hydrology office for approval, a Permanent C.O. will be issued.

The Certification package for Final C.O. must include an exact copy of the approved TCL, or signed off D.R.B. Site Plan, which is in each of the two City Permit Plan Sets—the contractor's City field set and the City's plan set in the basement of the Plaza Del Sol building. Package also must include a letter of certification on designer's letterhead-stamped with his seal, signed, and dated. Submit package along with fully completed Drainage Information Sheet to front counter personnel for log in and evaluation by Transportation.

If you have any questions, please call me at 924-3630.

Sincerely,


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

c: Engineer
Hydrology file
CO Clerk

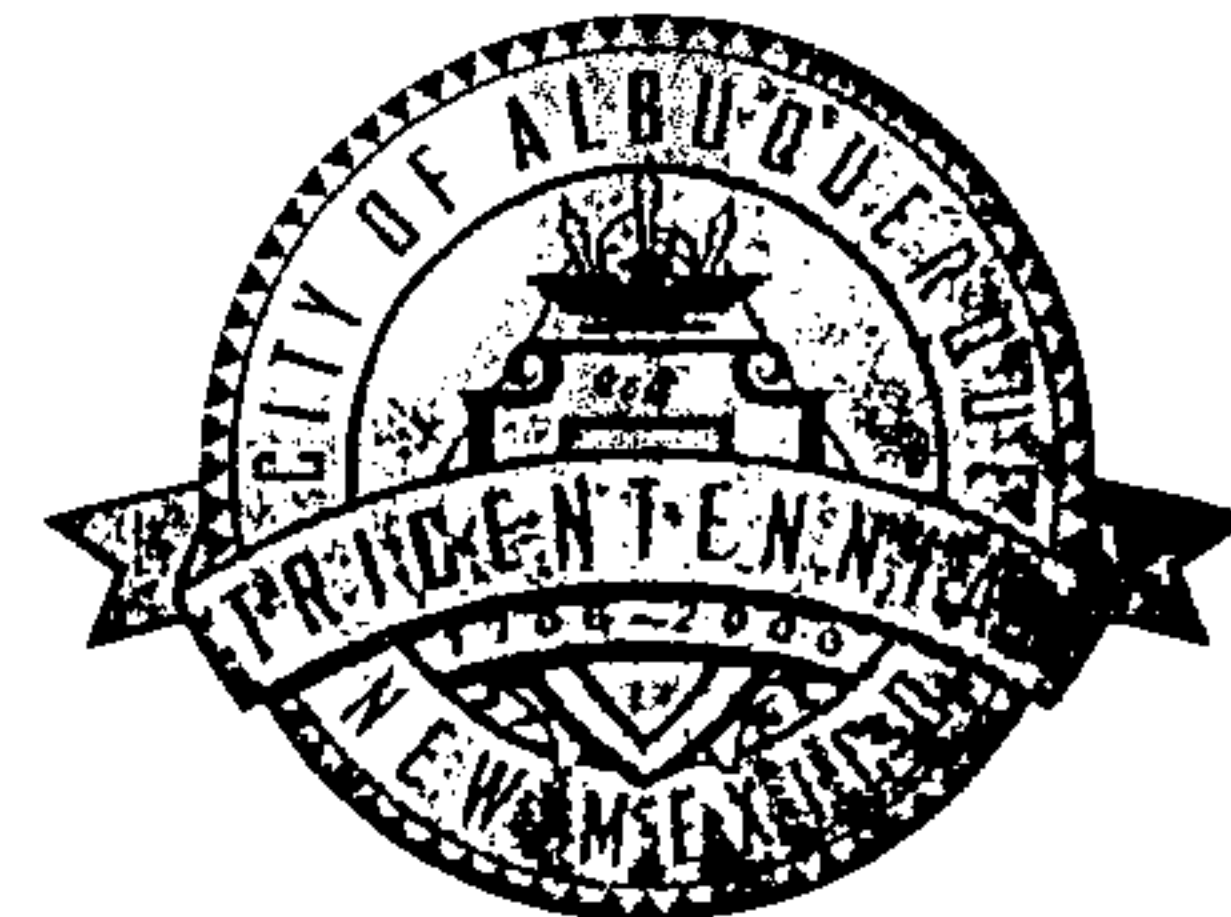
P.O. Box 1293

Albuquerque

New Mexico 87103

www.cabq.gov

CITY OF ALBUQUERQUE



December 7, 2006

John M. Mackenzie, P.E.
D. Mark Goodwin & Associates, P.A.
PO Box 90606
Rio Rancho, NM 87199

Re: KFC West Central, Engineer's Stamp dated 11-29-06 (K10/D25B)
Request for Building, Grading, and Paving Permits

Dear Mr. Mackenzie,

Upon review of the information provided in your submittal received on November 30, 2006, there are some additional items that must be addressed prior to approval of any of the requested permits. Those items are as follows.

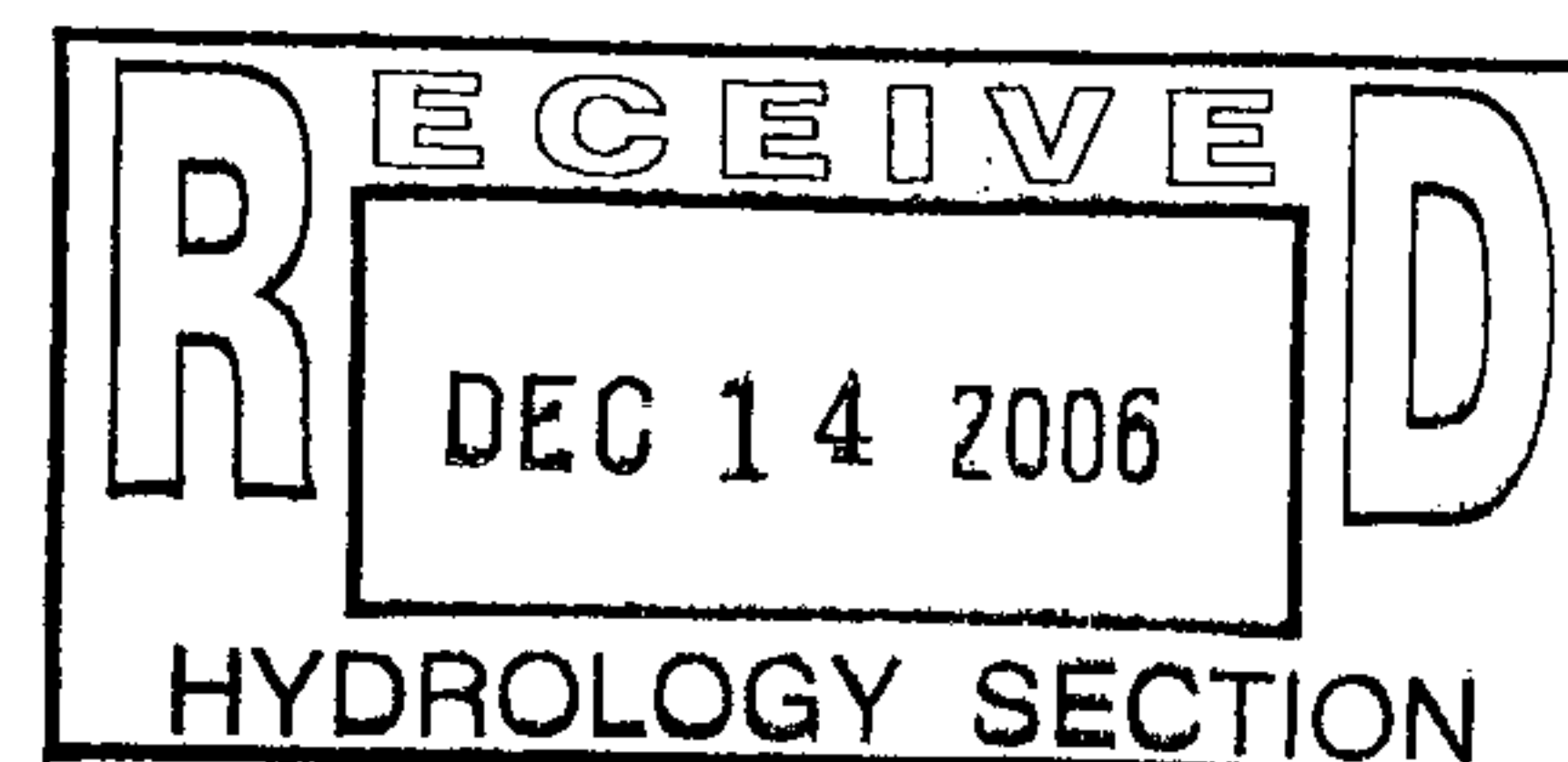
- The legal description cited in your legend does not match the description in the drainage notes.
- Please revise the labels on your scale.
- Please provide the stamped, site-specific runoff calculations for this development.
- Runoff from dumpster enclosures may not be routed into storm drains. A drain to the sanitary sewer collection system is necessary. Please provide a detail with the associated spot and grate elevations along with a drain line to comply with this requirement.
- With your revised plan, please make sure that **all** elements of the plan are sufficiently weighted and darkened enough to be legible.

If you have any questions, you can contact me at 924-3990.

Sincerely,

Jeremy Hoover, P.E.
Senior Engineer
Hydrology Section
Development and Building Services

cc: file K10/D25B



DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/28/2003rd)

PROJECT TITLE: KFC West Central Ave.SW
DRB #: _____ EPC#: _____

ZONE MAP/DRG. FILE #: K-10-7/D25B
WORK ORDER#: _____

LEGAL DESCRIPTION: Tract 61A1 Town Of Atrisco Grant, Unit 6.
CITY ADDRESS: Central Ave S.W

ENGINEERING FIRM: Mark Goodwin & Associates, PA
ADDRESS: PO Box 90606
CITY, STATE: Albuquerque, NM

CONTACT: Pavan K. Toleti
PHONE: 828-2200
ZIP CODE: 87199

OWNER: Schlegel Lewis Architects
ADDRESS: 1620 Central Avenue S.E
CITY, STATE: Albuquerque, NM

CONTACT: Mr. David Abbott
PHONE: 247-1529
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ARCHITECT: _____
ADDRESS: _____
CITY, STATE: _____

CONTACT: _____
PHONE: _____
ZIP CODE: _____

SURVEYOR: _____
ADDRESS: _____
CITY, STATE: _____

CONTACT: _____
PHONE: _____
ZIP CODE: _____

CONTRACTOR: _____
ADDRESS: _____
CITY, STATE: _____

CONTACT: _____
PHONE: _____
ZIP CODE: _____

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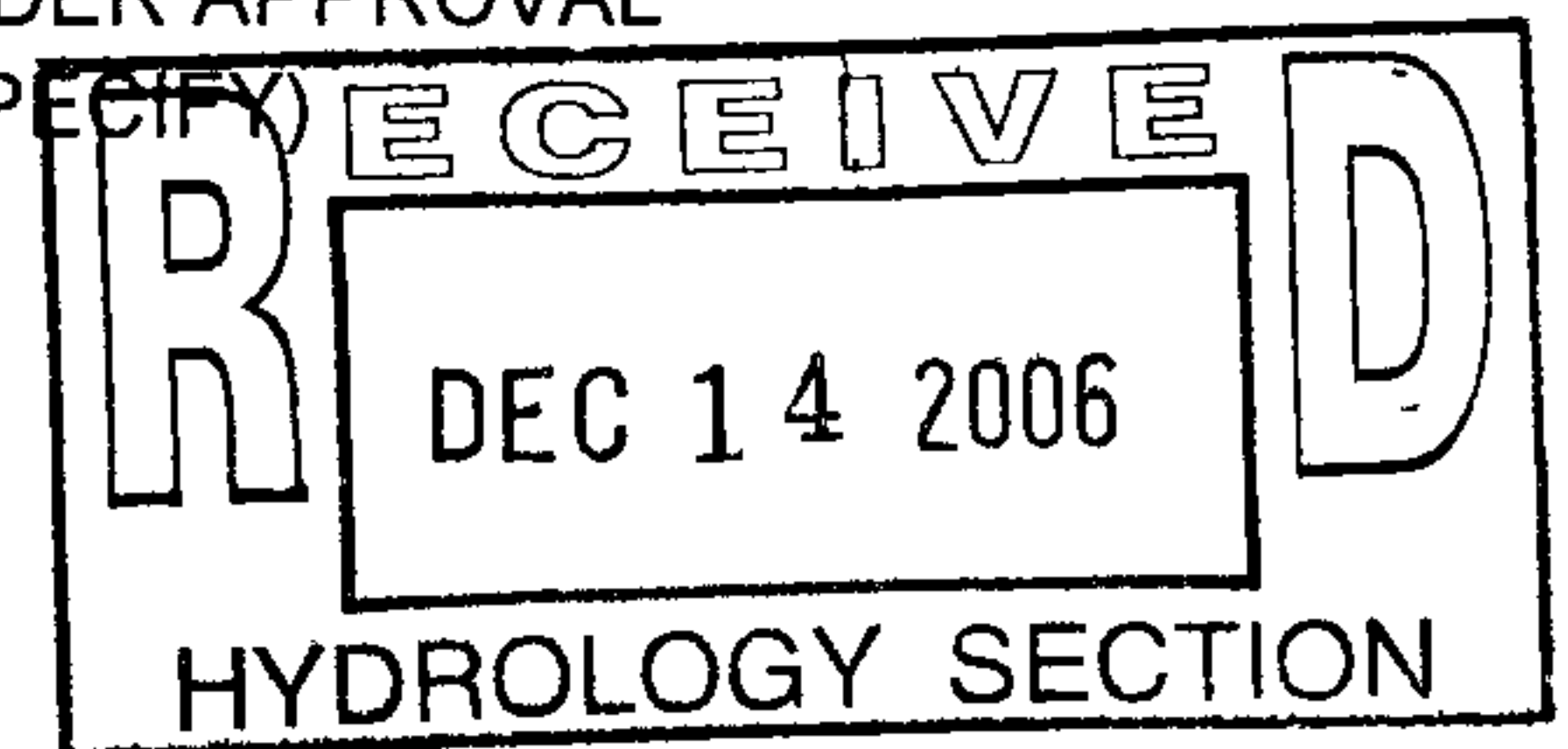
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- ☐ DRAINAGE PLAN 1st SUBMITTAL, **REQUIRES TCL or equal**
- ☒ DRAINAGE PLAN RESUBMITTAL
- ☐ CONCEPTUAL GRADING & DRAINAGE PLAN
- ☒ GRADING PLAN
- ☐ EROSION CONTROL PLAN
- ☐ ENGINEER'S CERTIFICATION (HYDROLOGY)
- ☐ CLOMR/LOMR
- ☐ TRAFFIC CIRCULATION LAYOUT (TCL)
- ☐ ENGINEERS CERTIFICATION (TCL)
- ☐ ENGINEERS CERTIFICATION (DRB APPR. SITE PLAN)
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- ☐ 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
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- ☐ 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: December 13th, 2006

BY: Pavan K. Toleti (T. Parankumar)

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:

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

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

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11
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December 13, 2006

Jeremy Hoover, P.E
Engineer Associate, Hydrology
Development and Building Services
City of Albuquerque
P.O. Box 1293
Albuquerque, NM 87103

Re: KFC West Central, Engineer's Stamp dated December 13th 2006(K10-D25B)

Dear Mr. Hoover:

Our office has received your comments letter, dated December 7th, 2006, which asks for more information to be provided on our grading and drainage plan for the referenced site.

Your itemized comments have been addressed as follows:

- We have matched the legal description in drainage notes with one in legend.
- We have revised the labels on the scale.
- We have provided the stamped drainage calculations for the proposed development. (Attached Ahymo printout)
- We have shown the detail as how we are draining the dumpster. The drain from dumpster is connected to the sewer line as shown on the plans with 4" pipe. (attached a pdf file).
- We have made sure that all the line weights are darkened enough to be legible.

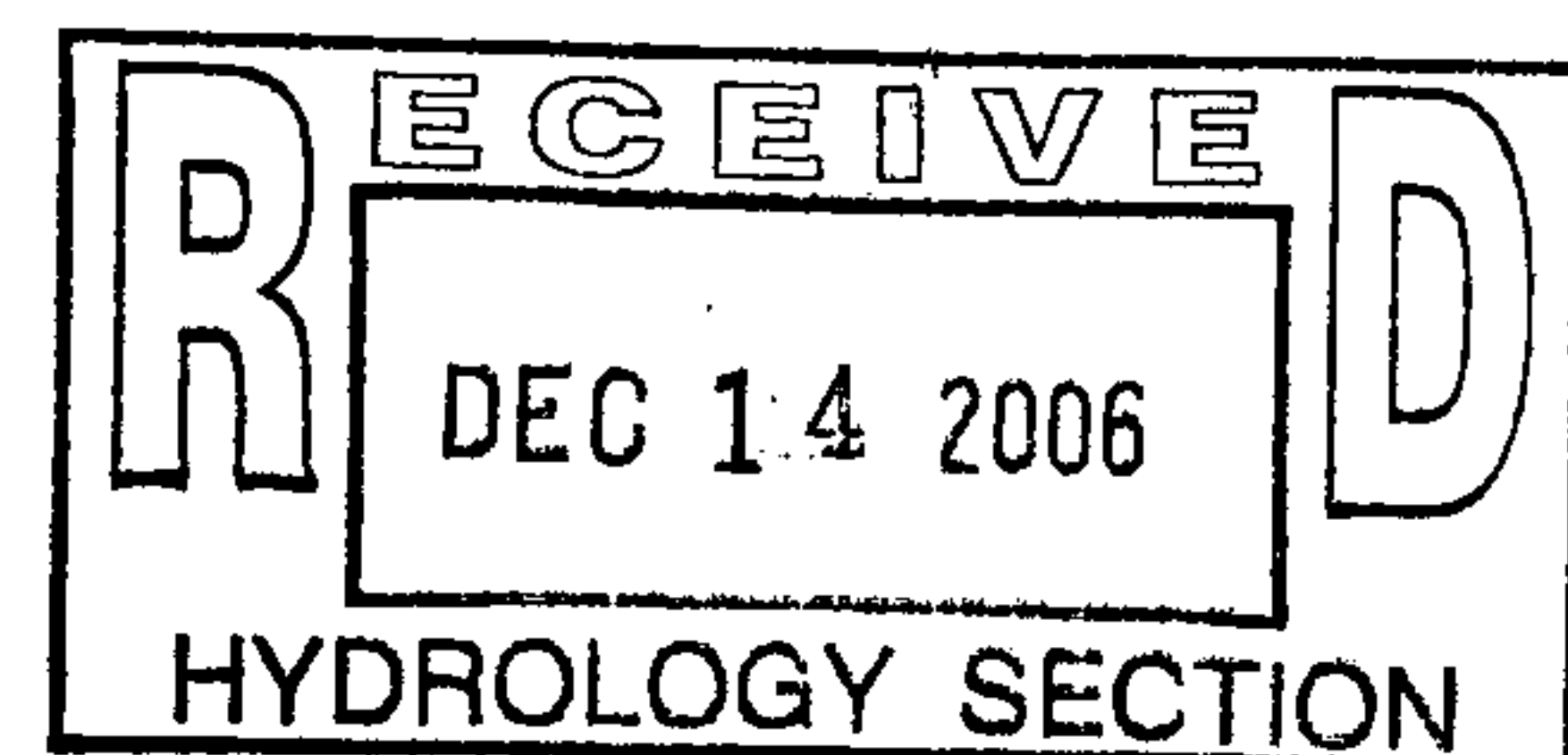
Please contact our office if you have any questions.

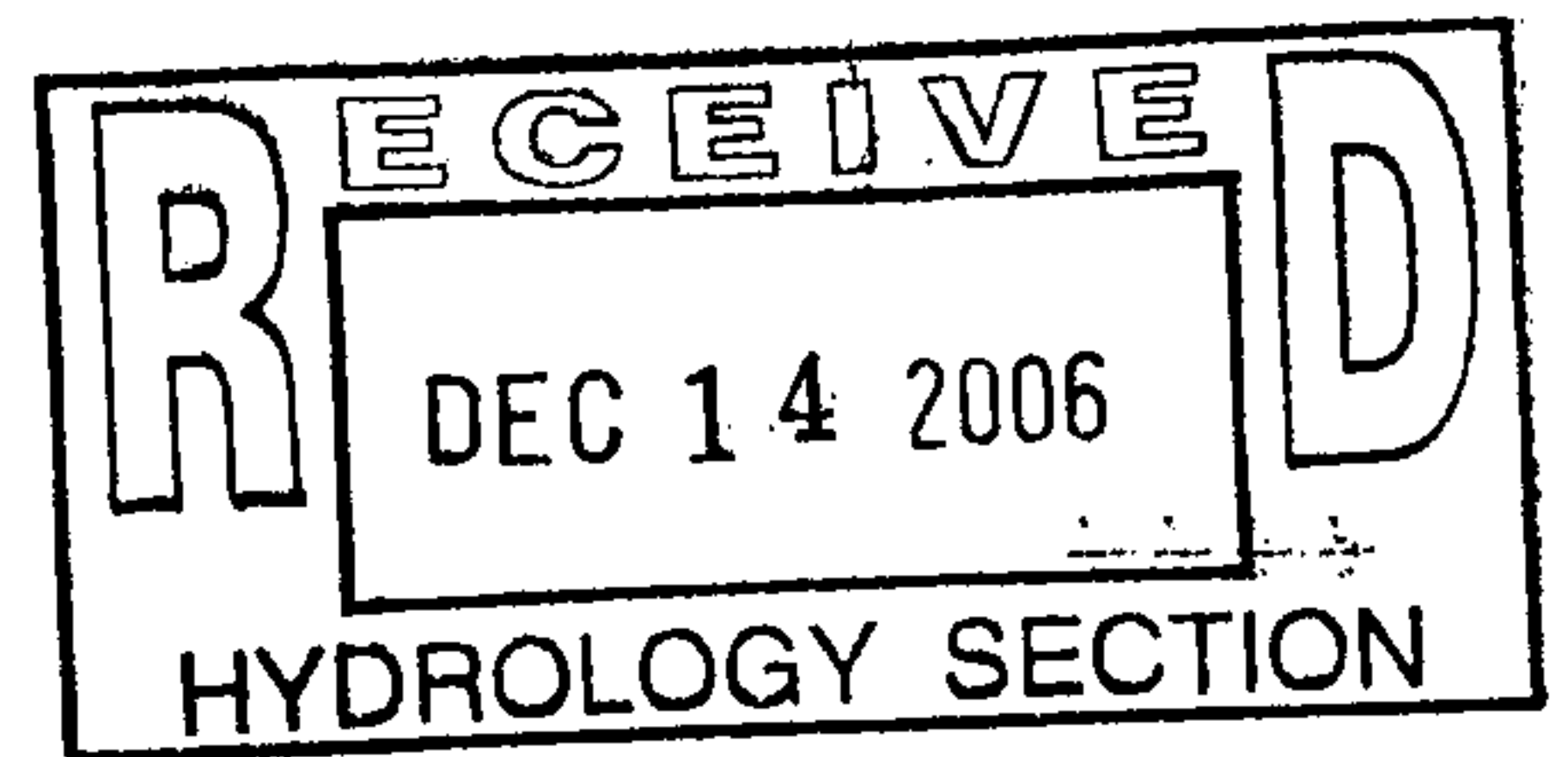
Sincerely,
MARK GOODWIN & ASSOCIATES, P.A.

T. Parankumar
Pavan K. Toleti
Project Engineer

PKT/wp

Attachment





MARK GOODWIN

& ASSOCIATES
CONSULTING ENGINEERS

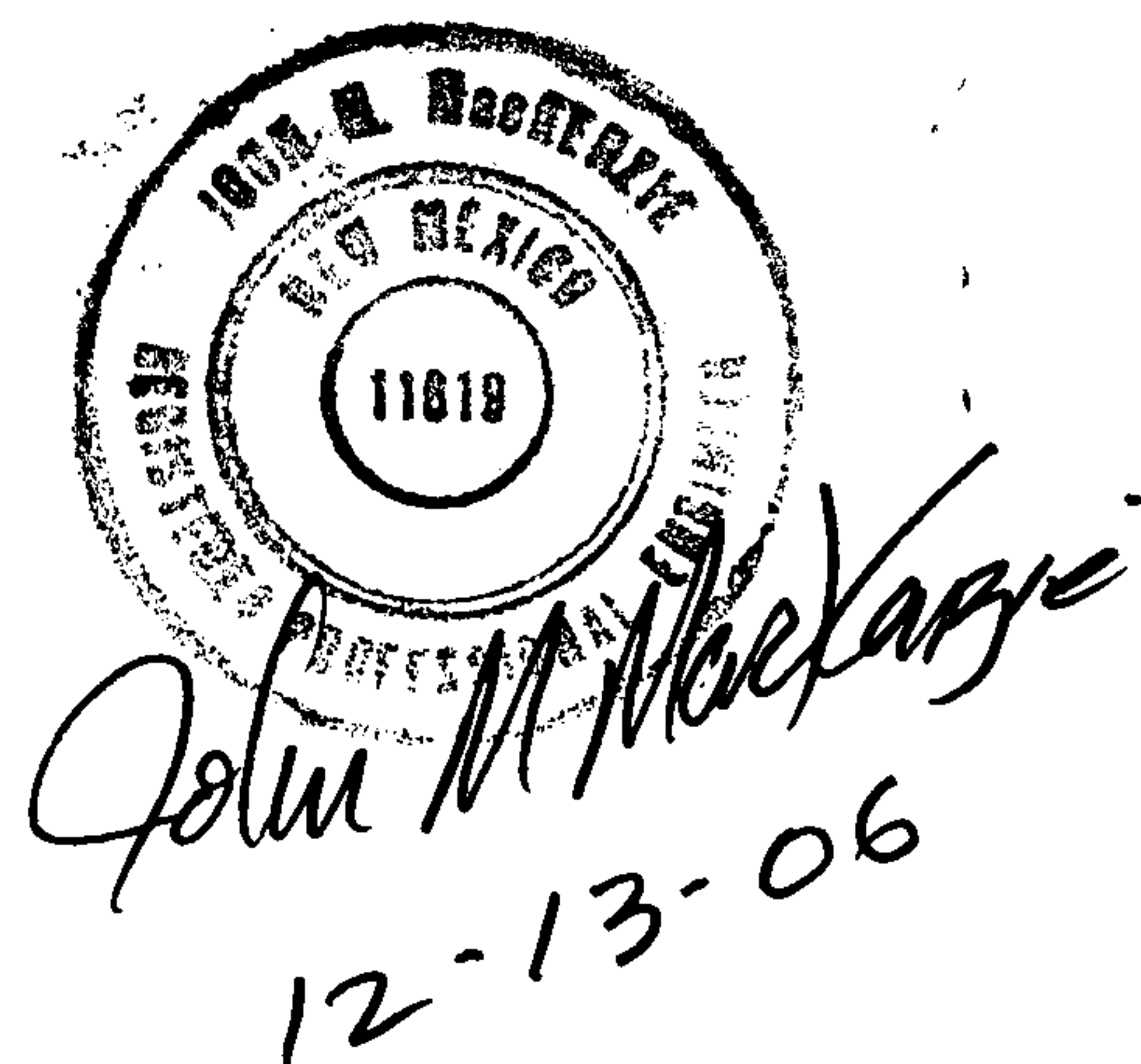
dmg

DRAINAGE CALCULATIONS
for
KFC West Central

Prepared by

Mark Goodwin & Associates, PA
P.O. Box 90606
Albuquerque, NM 87199
(505) 828-2200

December, 2006



*S AHYMO_97 MODEL FOR: KFC Central DRAINAGE REPORT
*S PREPARED FOR: COA
*S PREPARED BY: MARK GOODWIN & ASSOCIATES
*S
*S MODEL DESCRIPTION -
*S 1. 100-YEAR 6-HOUR RAINFALL EVENT
*S 2. THIS MODEL ASSUMES EXISTING AND DEVELOPED CONDITIONS
*S
START TIME=0.0
*S***** AHYMO -KFC West Central. DAT
*S***** October 31, 2006
*S***** HYDROLOGY FOR DEVELOPED ONSITE

RAINFALL TYPE=1 RAIN QUARTER=0.0 IN
RAIN ONE=1.90 IN RAIN SIX=2.23 IN
RAIN DAY=2.66 IN DT=0.0333 HR

*S***** BASIN 1 - ONSITE UNDEVELOPED (0.726 ACRES)

COMPUTE NM HYD ID=1 HYD NO=101 AREA=0.00109 SQ MI
PER A=0 PER B=0 PER C=25 PER D=75
TP=0.1333 HR MASS RAINFALL=-1
PRINT HYD ID=1 CODE=24

*S***** BASIN 1 - ONSITE DEVELOPED (0.726 ACRES)

COMPUTE NM HYD ID=2 HYD NO=102 AREA=0.00109 SQ MI
PER A=0 PER B=15 PER C=0 PER D=85
TP=0.1333 HR MASS RAINFALL=-1
PRINT HYD ID=2 CODE=24

FINISH

AHYMO PROGRAM SUMMARY TABLE (AHYMO_97) -
=12/13/2006
INPUT FILE = F:\PAVAN\AHYMOI~1\KFCCEN~1.TXT
9702dGoodwinM-AH

- VERSION: 1997.02d RUN DATE (MON/DAY/YR)
USER NO.= AHYMO-I-

		FROM	TO		PEAK	RUNOFF		TIME TO	CFS
PAGE = 1									
	HYDROGRAPH	ID	ID	AREA	DISCHARGE	VOLUME	RUNOFF	PEAK	PER
COMMAND	IDENTIFICATION	NO.	NO.	(SQ MI)	(CFS)	(AC-FT)	(INCHES)	(HOURS)	ACRE
NOTATION									
*S	AHYMO_97 MODEL FOR: KFC Central DRAINAGE REPORT								
*S	PREPARED FOR: COA								
*S	PREPARED BY: MARK GOODWIN & ASSOCIATES								
*S	MODEL DESCRIPTION -								
*S	1. 100-YEAR 6-HOUR RAINFALL EVENT								
*S	2. THIS MODEL ASSUMES EXISTING AND DEVELOPED CONDITIONS								
*S									
START	TIME=								
.00									
*S*****	AHYMO -KFC West Central. DAT								
*S*****	October 31, 2006								
*S*****	HYDROLOGY FOR DEVELOPED ONSITE								
RAINFALL	TYPE= 1 RAIN6=								
2.230									
*S*****	BASIN 1 - ONSITE UNDEVELOPED (0.726 ACRES)								
COMPUTE NM HYD	101.00	-	1	.00109	2.85	.102	1.75215	1.499	4.086 PER
IMP= 75.00									
*S*****	BASIN 1 - ONSITE DEVELOPED (0.726 ACRES)								
COMPUTE NM HYD	102.00	-	2	.00109	2.87	.105	1.79968	1.499	4.109 PER
IMP= 85.00									
FINISH									

AHYMO PROGRAM (AHYMO_97) -

- Version: 1997.02d

RUN DATE (MON/DAY/YR) = 12/13/2006

START TIME (HR:MIN:SEC) = 13:04:15 USER NO.= AHYMO-I-9702dGoodwinM-AH

INPUT FILE = F:\PAVAN\AHYMOI~1\KFCCEN~1.TXT

*S AHYMO_97 MODEL FOR: KFC Central DRAINAGE REPORT

*S PREPARED FOR: COA

*S PREPARED BY: MARK GOODWIN & ASSOCIATES

*S

*S MODEL DESCRIPTION -

*S 1. 100-YEAR 6-HOUR RAINFALL EVENT

*S 2. THIS MODEL ASSUMES EXISTING AND DEVELOPED CONDITIONS

*S

START TIME=0.0

*S***** AHYMO -KFC West Central. DAT

*S***** October 31, 2006

*S***** HYDROLOGY FOR DEVELOPED ONSITE

RAINFALL

TYPE=1 RAIN QUARTER=0.0 IN

RAIN ONE=1.90 IN RAIN SIX=2.23 IN

RAIN DAY=2.66 IN DT=0.0333 HR

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

DT = .033300 HOURS END TIME = 5.994000 HOURS

.0000	.0016	.0032	.0049	.0066	.0084	.0101
.0120	.0138	.0158	.0177	.0197	.0218	.0239
.0261	.0284	.0307	.0331	.0356	.0382	.0408
.0436	.0464	.0494	.0525	.0558	.0591	.0627
.0664	.0704	.0746	.0798	.0854	.0914	.1037
.1321	.1759	.2389	.3249	.4381	.5826	.7625
.9823	1.1932	1.2798	1.3526	1.4173	1.4761	1.5303
1.5806	1.6275	1.6715	1.7129	1.7520	1.7889	1.8238
1.8569	1.8883	1.9180	1.9463	1.9731	1.9805	1.9863
1.9918	1.9971	2.0021	2.0069	2.0115	2.0159	2.0202
2.0244	2.0284	2.0322	2.0360	2.0396	2.0432	2.0466
2.0500	2.0533	2.0565	2.0596	2.0626	2.0656	2.0685
2.0714	2.0742	2.0770	2.0797	2.0823	2.0849	2.0874
2.0900	2.0924	2.0948	2.0972	2.0996	2.1019	2.1042
2.1064	2.1086	2.1108	2.1129	2.1151	2.1172	2.1192

2.1213	2.1233	2.1252	2.1272	2.1291	2.1311	2.1329
2.1348	2.1367	2.1385	2.1403	2.1421	2.1439	2.1456
2.1473	2.1490	2.1507	2.1524	2.1541	2.1557	2.1574
2.1590	2.1606	2.1622	2.1637	2.1653	2.1668	2.1684
2.1699	2.1714	2.1729	2.1743	2.1758	2.1773	2.1787
2.1801	2.1816	2.1830	2.1844	2.1857	2.1871	2.1885
2.1898	2.1912	2.1925	2.1938	2.1952	2.1965	2.1978
2.1991	2.2003	2.2016	2.2029	2.2041	2.2054	2.2066
2.2078	2.2091	2.2103	2.2115	2.2127	2.2139	2.2150
2.2162	2.2174	2.2186	2.2197	2.2209	2.2220	2.2231
2.2243	2.2254	2.2265	2.2276	2.2287	2.2298	

*S***** BASIN 1 - ONSITE UNDEVELOPED (0.726 ACRES)

COMPUTE NM HYD ID=1 HYD NO=101 AREA=0.00109 SQ MI
 PER A=0 PER B=0 PER C=25 PER D=75
 TP=0.1333 HR MASS RAINFALL=-1

K = .072649HR TP = .133300HR K/TP RATIO = .545000 SHAPE CONSTANT, N = 7.106420
 UNIT PEAK = 3.2275 CFS UNIT VOLUME = .9960 B = 526.28 P60 = 1.9000
 AREA = .000818 SQ MI IA = .10000 INCHES INF = .04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = .033300

K = .106205HR TP = .133300HR K/TP RATIO = .796738 SHAPE CONSTANT, N = 4.498737
 UNIT PEAK = .79143 CFS UNIT VOLUME = .9839 B = 387.15 P60 = 1.9000
 AREA = .000273 SQ MI IA = .35000 INCHES INF = .83000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = .033300

PRINT HYD ID=1 CODE=24

PARTIAL HYDROGRAPH 101.00

	TIME	FLOW	TIME	FLOW	TIME	FLOW	TIME	FLOW	TIME
	HRS	CFS	HRS	CFS	HRS	CFS	HRS	CFS	HRS
FLOW									
CFS									
	.000	.0	1.332	.7	2.664	.0	3.996	.0	5.328
.0									
	.666	.0	1.998	.6	3.330	.0	4.662	.0	5.994
.0									

RUNOFF VOLUME = . 1.75215 INCHES = .1019 ACRE-FEET
 PEAK DISCHARGE RATE = 2.85 CFS AT 1.499 HOURS BASIN AREA = .0011 SQ. MI.

*S***** BASIN 1 - ONSITE DEVELOPED (0.726 ACRES)

COMPUTE NM HYD ID=2 HYD NO=102 AREA=0.00109 SQ MI
 PER A=0 PER B=15 PER C=0 PER D=85
 TP=0.1333 HR MASS RAINFALL=-1

K = .072649HR TP = .133300HR K/TP RATIO = .545000 SHAPE CONSTANT, N = 7.106420
 UNIT PEAK = 3.6579 CFS UNIT VOLUME = .9960 B = 526.28 P60 = 1.9000
 AREA = .000927 SQ MI IA = .10000 INCHES INF = .04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = .033300

K = .130761HR TP = .133300HR K/TP RATIO = .980950 SHAPE CONSTANT, N = 3.599930
 UNIT PEAK = .40176 CFS UNIT VOLUME = .9674 B = 327.55 P60 = 1.9000
 AREA = .000164 SQ MI IA = .50000 INCHES INF = 1.25000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = .033300

PRINT HYD ID=2 CODE=24

PARTIAL HYDROGRAPH 102.00

	TIME	FLOW	TIME	FLOW	TIME	FLOW	TIME	FLOW	TIME
	HRS	CFS	HRS	CFS	HRS	CFS	HRS	CFS	HRS
FLOW									
CFS									
	.000	.0	1.332	.8	2.664	.1	3.996	.0	5.328
.0									
	.666	.0	1.998	.7	3.330	.0	4.662	.0	5.994
.0									

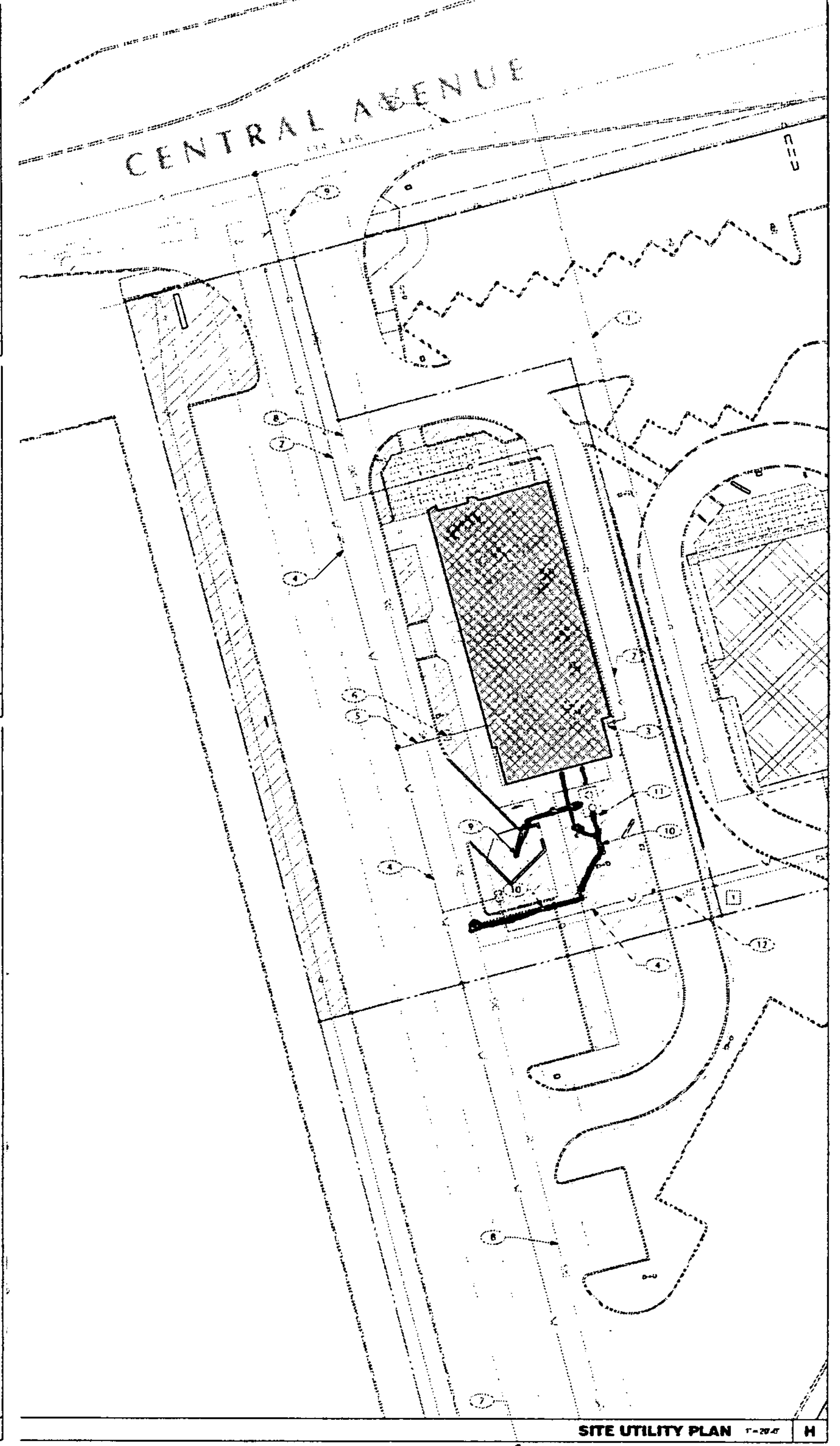
RUNOFF VOLUME = 1.79968 INCHES = .1046 ACRE-FEET
 PEAK DISCHARGE RATE = 2.87 CFS AT 1.499 HOURS BASIN AREA = .0011 SQ. MI.

FINISH

NORMAL PROGRAM FINISH

END TIME (HR:MIN:SEC) = 13:04:15

NOT USED	Q	NOT USED	M
NOT USED	R	NOT USED	N
NOT USED	S	<div></div>	P
NOT USED	T	EXTERIOR GREASE INTERCEPTOR	No Scale



NOT USED	A
NOT USED	B
<div><p>1 EXISTING GAS LINE.</p><p>2 PROPOSED GAS LINE.</p><p>3 PROPOSED GAS METER.</p><p>4 EXISTING WATER LINE.</p><p>5 PROPOSED WATER LINE.</p><p>6 PROPOSED WATER METER.</p><p>7 EXISTING FIRE HYDRANT. SEE OVERALL PLAN ON SHEET C1.1 FOR EXACT LOCATION.</p><p>8 EXISTING SANITARY SEWER MAIN.</p><p>9 FLOOR DRAIN IN TRASH ENCLOSURE, EXTEND TO GREASE INTERCEPTOR.</p><p>10 PROPOSED SANITARY SEWER LINE.</p><p>11 PROPOSED GREASE INTERCEPTOR.</p><p>12 EXISTING SANITARY SEWER LINE.</p></div>	
KEY NOTES	

James C. Lewis Architect
General Design, Inc.
1000 Central Avenue SW
Albuquerque, NM 87121
Architecture & Planning

Architect Job No. 0021

CONTRACT DATE: XXJLXX
BUILDING TYPE: KT62-y05
PLAN VERSION: Rev05-B
SITE NUMBER: 3000700
STORE NUMBER: XXXXX

KFC / TB
6810 Central Avenue SW
Albuquerque, NM 87121

KT62-y05

**SITE
UTILITY
PLAN**

C1.3

PLOT DATE: 11.28.06