

Carrillo, Abiel X.

From: Carrillo, Abiel X.
Sent: Tuesday, December 27, 2016 4:33 PM
To: 'daube@designgroupnm.com'
Subject: APS East Side Family School - G17D19A - Stamp Date 12-12-2016

SORRY, Ignore previous, it was a draft that I did not intend to send yet...

Dave,

This email is being sent in lieu of a letter attached. A reply to this email will not substitute a resubmittal.

Based on the information provided in your submittal dated 12-12-2016, received 12-12-2016, the above-referenced Grading and Drainage Plan cannot be approved for Building Permit until the following items are addressed:

1. In general, clarify in the report and in the plan what is existing and what is proposed.
 - a. The Plan shows bold line work, which implies new facilities/infrastructure, for the entire site. It is not clear where sidewalk, curb, etc ties to existing improvements built with Phase I.
2. Provide proposed Finished Floor elevations for all proposed buildings.
3. Tabulate the assumptions that are used for the inputs in the calculations, mainly the land treatment acreages/percentages and first flush calculations.
 - a. The first phase appears to have been built prior to the First Flush ordinance. You can base the ponding requirement on the new impervious area that is proposed in this phase, and base the exhibits/calculations on that criteria. Otherwise, the plan appears to lack first flush ponding volume.
 - b. Generally label the water quality/retention ponding that already exists in the courtyard (EX Inlet, EX Water Q Pond, etc.).
4. Provide a legend for the Plan showing major existing and proposed features.
5. Clarify the company-specific (?) acronyms that are shown throughout the plan, such as HCS, BNH, LS, DCO, etc. They can be removed or otherwise noted if they are needed for Hydrology's review.
6. There are keyed notes (?) on the plan but no build notes.
7. It is not advisable to propose a storm drain under the new building. It also appears to only be 5' deep under the building, which could impact or be in the way of the foundation structure.
8. Clarify on the plan with details/notes how the storm drain outfalls through the wall. RCP Class IV should be considered under the wall.
9. Provide information for the overflow rundown/weir from the above-mentioned pond (invert elevation, tie-in elevation).

Any question just let me know.

Abiel Carrillo, PE, CFM

Principal Engineer - Hydrology

Planning Department

Development Review Services Division

City of Albuquerque

505-924-3986

acarrillo@cabq.gov

600 2nd Street NW

Albuquerque, NM 87102

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/28/2003rd)

PROJECT TITLE: APS Family School East Side

DRB #: _____

EPC#: _____

ZONE MAP/DRG. FILE #: G-17-DO19A

WORK ORDER#: _____

LEGAL DESCRIPTION: Portions of Tracts D and E, Board of Education Addition.

CITY ADDRESS: 3303 Monroe Street NE.

ENGINEERING FIRM: Design Group

ADDRESS: 120 Vassar SE, Suite 100

CITY, STATE: Albuquerque, NM

CONTACT: David Aube

PHONE: 998-6430

ZIP CODE: 87106

OWNER: APS Facilities

ADDRESS: _____

CITY, STATE: Albuquerque, NM

CONTACT: Richard Miller

PHONE: 848-8835

ZIP CODE: _____

ARCHITECT: The Design Group

ADDRESS: 120 Vassar SE, Suite 100

CITY, STATE: Albuquerque, NM

CONTACT: Wendy Caruso

PHONE: 242-6880

ZIP CODE: 87106

SURVEYOR: High Mesa Consulting

ADDRESS: _____

CITY, STATE: _____

CONTACT: Chuck Cala

PHONE: 345-4250

ZIP CODE: _____

CONTRACTOR: TBD

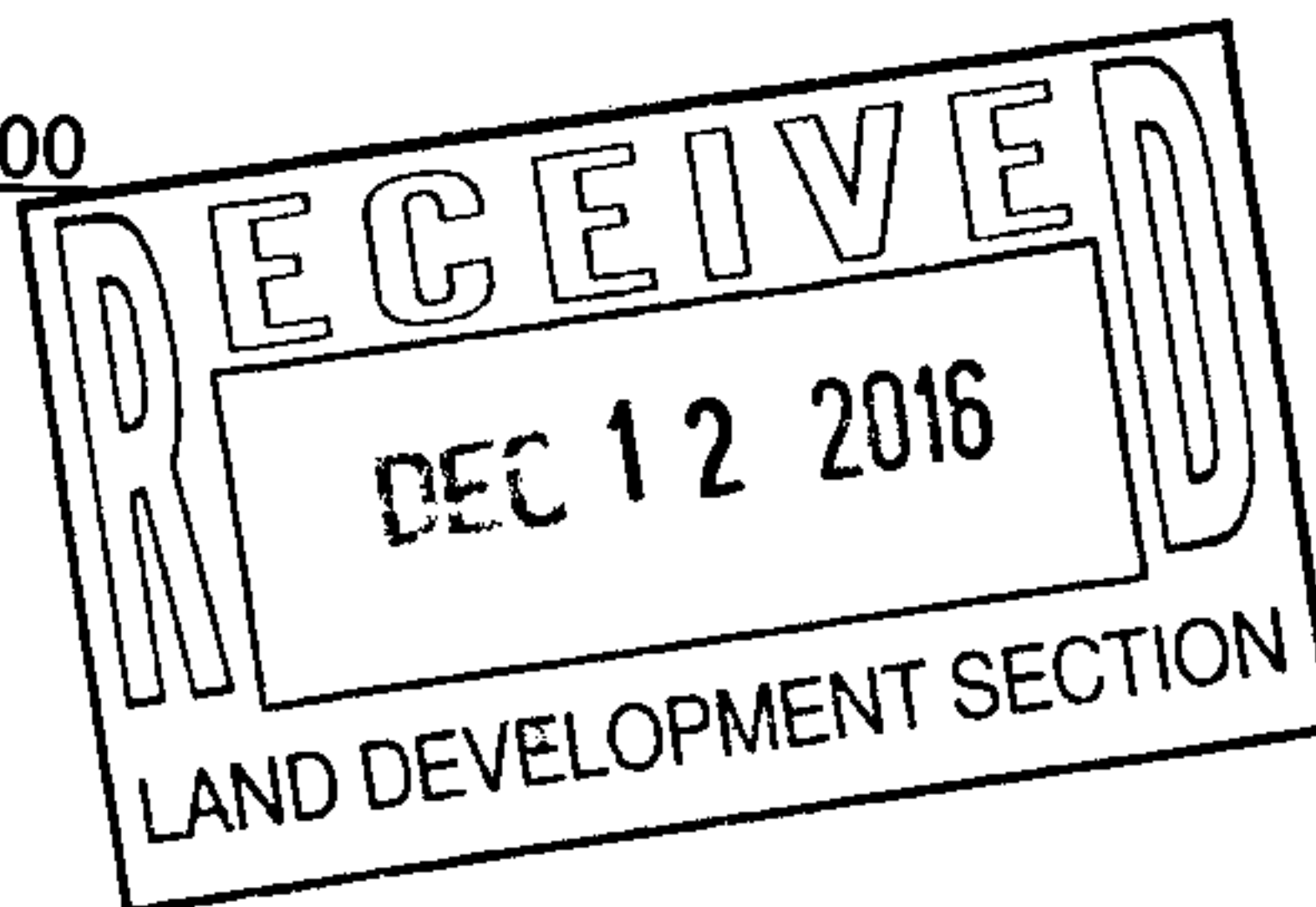
ADDRESS: _____

CITY, STATE: _____

CONTACT: _____

PHONE: _____

ZIP CODE: 871



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: 12-12-16

BY: David Aube P.E.

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.
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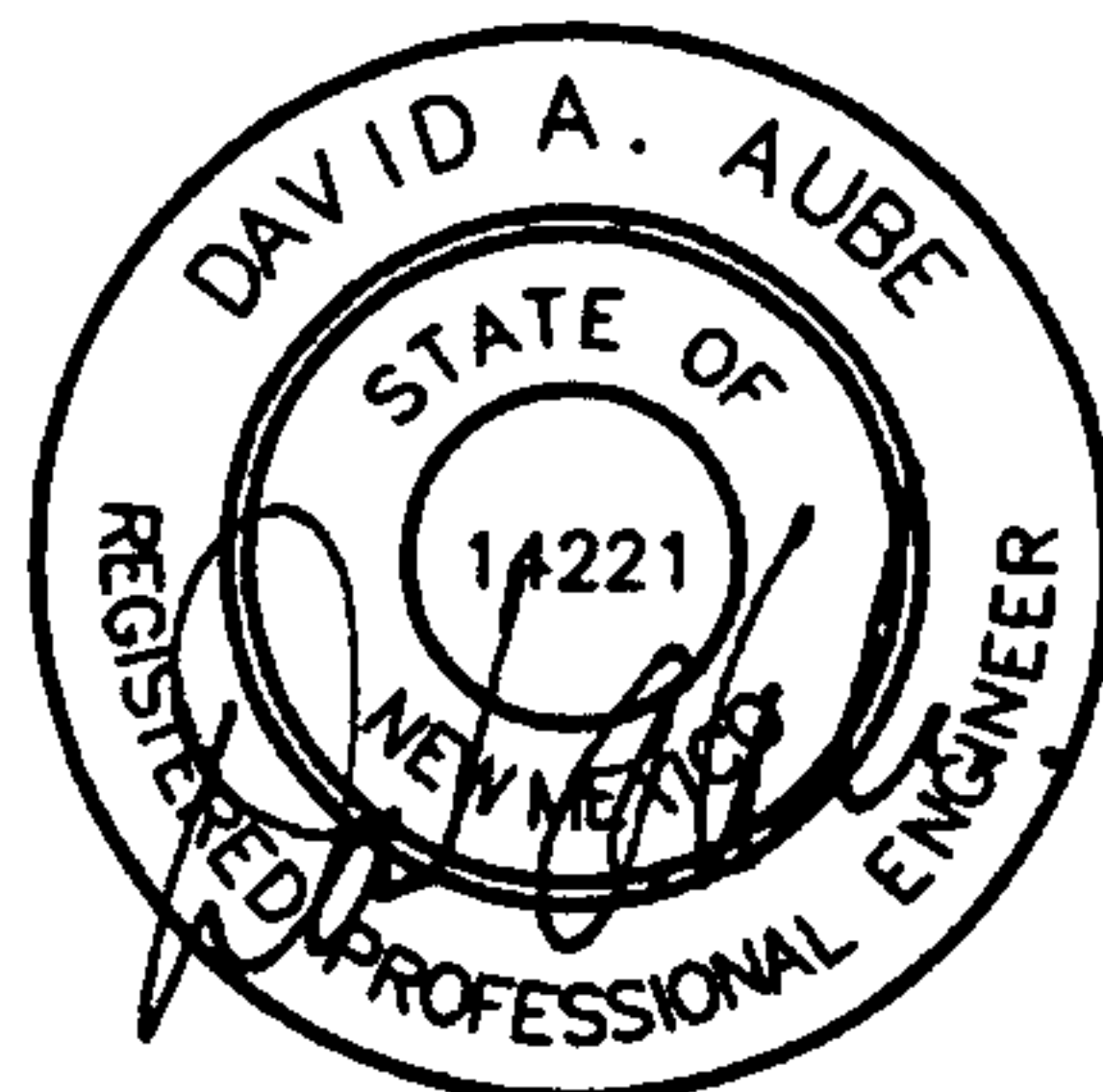
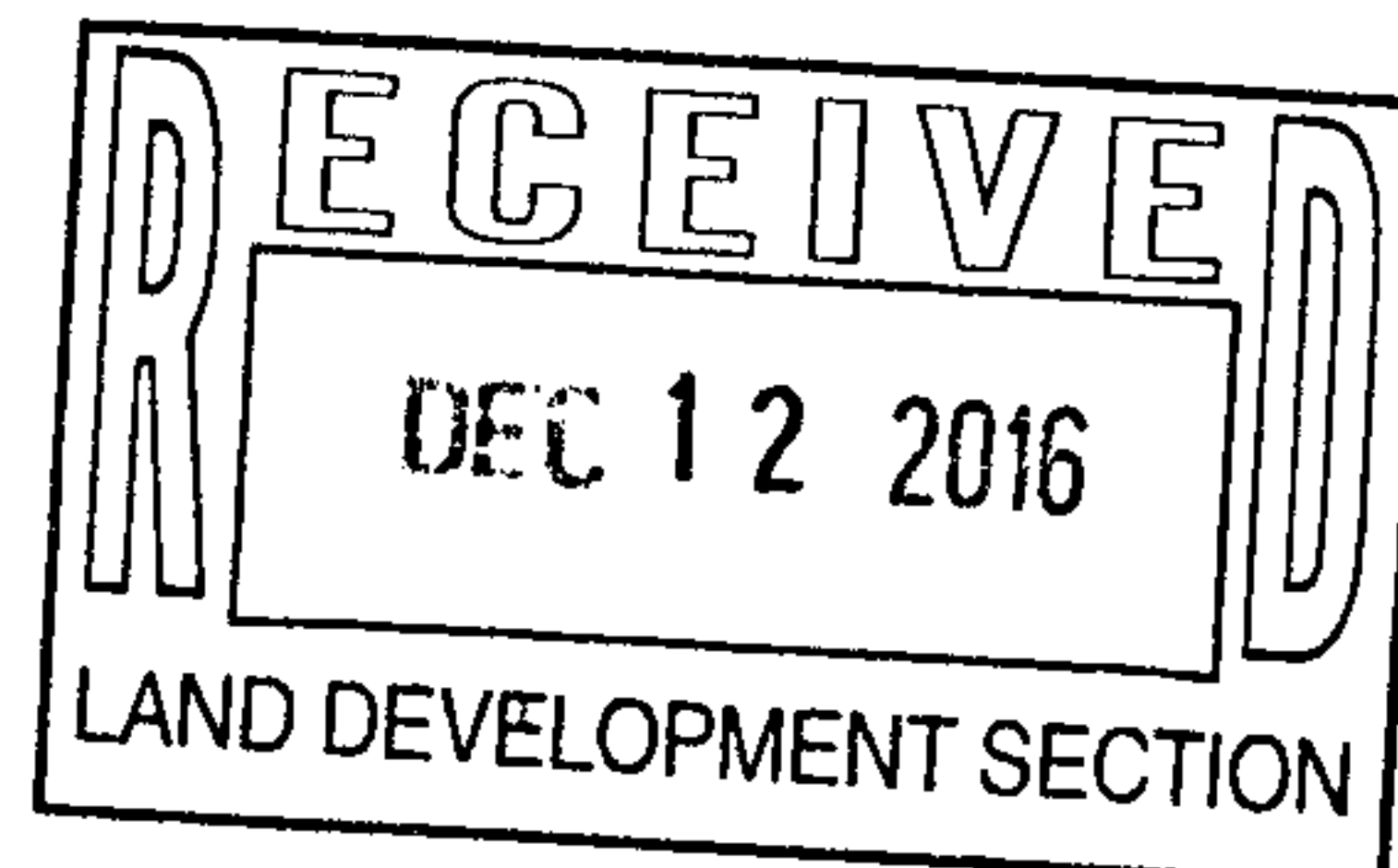
THE HARTMAN+MAJEWSKI DESIGN GROUP

Drainage Summary Report

Desert Willow Family School

Dave Aube P.E., Caden Gigliotti

12/12/2016



12-12-16

I. PURPOSE AND SCOPE

The purpose of this drainage plan is to present the existing and proposed drainage management plans for Phase II of the proposed Albuquerque Public Schools Family School Facility located at the SE Corner of the existing McKinley Middle School Campus at the intersection of Monroe Street NE and Headingly Road NE. The site is near the intersection of Comanche Road NE and Monroe Street NE. The site is located in Zone Atlas Page G-17 one block south of Comanche Road NE between Cherokee Road NE and Headingly Road NE. The site was previously used as ball fields and portable buildings site for APS and is now primarily vacant. The portable buildings located on the site were removed in 2008.

II. SITE DESCRIPTION AND HISTORY

This site has previously been developed as ball fields and portable building site for APS. There were eight (8) existing building portables on site that were removed and relocated in 2008. The backstops are all that remains from the old ball fields. There is a concrete drainage channel located on northeast side of this APS property that drains the public park on the east side of Monroe Street NE. The concrete drainage channel is separated from the proposed development by the existing Bus pick up and drop off lane for McKinley Middle School.

III. COMPUTATIONAL PROCEDURES

Hydrologic analysis was performed utilizing the design criteria found in the COA_DPM Section 22.2 released in June 1997.

IV. PRECIPITATION

The 100-yr. 6-hr duration storm was used as the design storm for this analysis. This site is within Zone 2 as identified in the DPM Section 22.2. Tables within the section were used to establish the 6-hr precipitation, excess precipitation and peak discharge.

V. EXISTING DRAINAGE CONDITIONS OVERVIEW

Phase I of Desert Willow site was approximately 157,675 square feet (3.62 acres). The site was developed in the first phase with improvements including approximately 34,000 sf of new classroom buildings, asphalt parking lots and concrete sidewalks. A large courtyard was constructed at the interior of the buildings. The courtyard has several small depressions that are used for both water harvesting and to collect the water so that

storm drainage discharge pipes can release the excess runoff away from the courtyard area.

The buildings have metal (standing seam metal roofs) with a ridge line located in the middle (sending 1/2 of the water into the courtyard and the other 1/2 away from the building to the perimeter).

The peak runoff that is generated by the 100 year 6 hour storm for Basin #2 the courtyard area is 2.70 cfs. There are three (3) discharge pipes that drain the water toward the west under the proposed building. Each of these pipes are 12" diameter with a capacity of 3.7 cfs. The factor of safety for these pipes is 3.4.

Runoff from the storm drainage pipes was diverted south around the existing portables and eventually west into the access road and parking lot. The final outfall for the storm runoff is into Comanche Road NE merged with the water within the concrete lined drainage channel to the north of the project site.

The entire site drainage basin combined in the existing configuration generates a peak discharge of 14.24 cfs. The ponding volume inside the courtyard is 1220 cf.

VI. DRAINAGE MANAGEMENT PLAN

The Basin #3 portion of the Phase II site generally slopes from east to west with excess runoff being directed into the access drive and parking lot for the Senior Citizens Center. This excess runoff joins the water that is flowing in the concrete lined drainage channel and eventually back into Comanche Road NE.

The existing Phase II portion of the site, Basin #3, has all been disturbed by human activity and generates a peak runoff rate of 3.83 cfs in the current conditions.

The proposed building and associated parking, and sidewalks will increase the peak runoff to 4.42 cfs. The site was previously submitted with Phase II and was permitted free discharge into the concrete drainage channel. The proposed layout now incorporates a retention area for the first flush.

Roof runoff will be collected in gutters and downspouts to an underground collection and conveyance system that directs the runoff into the retention pond at the North West corner of the site.

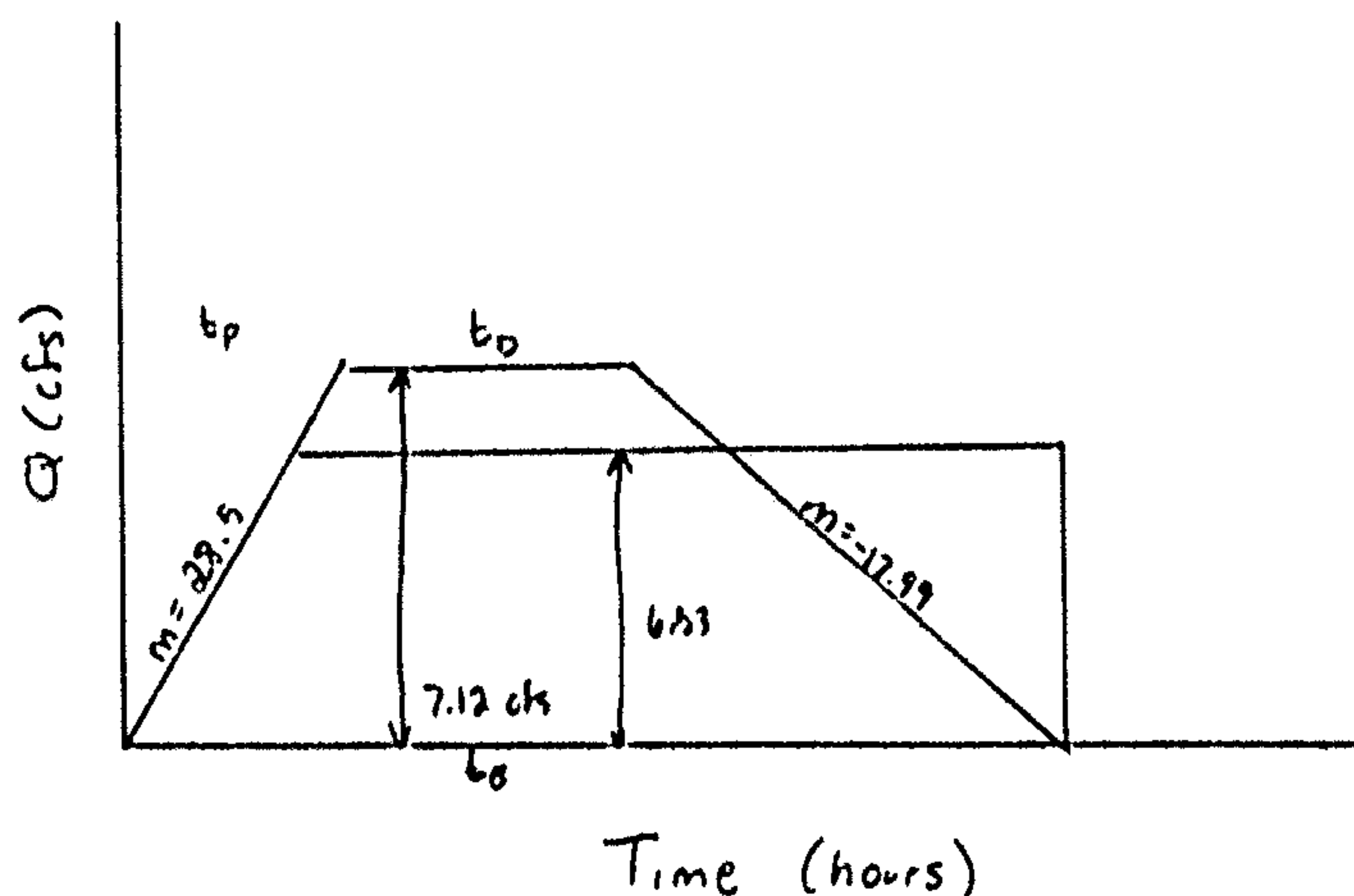
The peak incoming flow rate into the first flush pond is 7.12 cfs (combining the courtyard runoff from Phase I (Basin #2) with the roof runoff from Phase II (Basin #3)). The peak flow rate from the pond is 6.53 cfs, with the intent to only collect the first flush volume without detaining the larger storm events. The first flush volume that is needed for Phase II is 616 cf. The pond located in the northwest corner has a capacity of 671 cf.

Drainage Basins #1 and #2 will not be affected by this site improvement.

VII. CONCLUSION

The project site was previously developed as ball fields and portable building campus for APS. The proposed Phase II building construction will have a small increase (0.59 cfs) in the peak discharge. The site will still drain to Comanche Road NE as it has historically. There should be minimal impact to downstream users. The site also contains a first flush ponding area that is sized for the Phase II development.

4/21/2016



Excess Precipitation (Zone 3)

$$E = \frac{0 + .92(.12) + 1.29(1.11) + 2.36(.48)}{.12 + 1.11 + .48}$$

$$= 1.564$$

} tabulate
the land
treatments

Time to Peak (7.12 cfs)

$$t_p = .7 t_c + \frac{(1.6 - \frac{A_p}{A_r})}{12}$$

$$= .7(.2 \text{ hrs}) + \frac{(1.6 - \frac{.48}{1.7})}{12}$$

$$= .2498 \text{ hours}$$

$$= 899.28 \text{ secs}$$

Time of Duration (7.12 cfs)

$$t_D = .25 \left(\frac{A_p}{A_r} \right)$$

$$= .25 \left(\frac{.48}{1.7} \right)$$

$$= .0706 \text{ hrs}$$

$$= 254.16 \text{ secs}$$

Time of Base (7.12 cfs)

$$t_B = \frac{2.107 * E * A_r}{Q_p} - .25 \left(\frac{A_p}{A_r} \right)$$

$$= \frac{2.107 * (1.564) * (1.7)}{7.12} - .0706$$

$$= .7162 \text{ hrs}$$

$$= 2,578 \text{ secs}$$

Slope

$$\frac{\text{Rise}}{\text{Run}} = \frac{7.12}{.2498} = 28.50$$

Time to Peak (6.53 cfs)

$$\frac{6.53 \text{ cfs}}{28.5} = .229 \text{ hours}$$

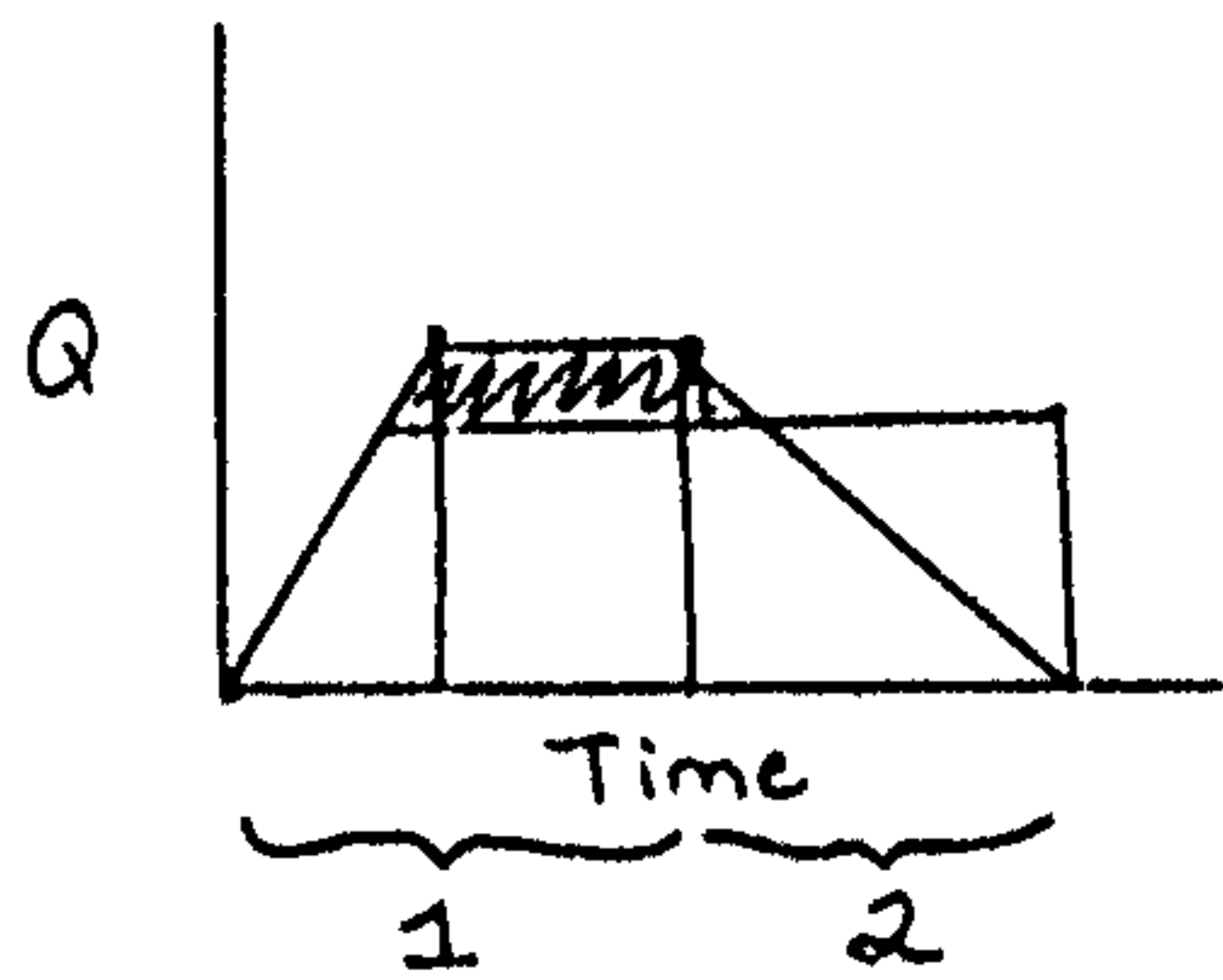
$$= 824.84 \text{ secs}$$

Time of Duration (6.53 cfs)

$$(T_{p7.12} + T_{D7.12}) - T_{p6.53}$$

$$T_{D6.53} = 899.28 + 254.16 - 824.84$$

$$= 328.6 \text{ secs}$$



$$1) \frac{1}{2} (t_{p7.12} * 7.12 \text{ cfs}) + (t_{o7.12} * 7.12 \text{ cfs})$$

$$\frac{1}{2} (899.28 * 7.12) + (254.16 * 7.12)$$

$$= 5,011.06 \text{ cf}$$

Area under the graph
for 7.12 cfs $T_p + T_o$
combined.

$$\frac{1}{2} (t_{p6.53} * 6.53 \text{ cfs}) + (t_{o6.53} * 6.53 \text{ cfs})$$

$$\frac{1}{2} (824.94 * 6.53) + (328.6 * 6.53)$$

$$= 4,838.84$$

Area under graph for 6.53 cfs
 $T_p + T_o$ combined

$$V_{diff_1} = 5,011.06 - 4,838.84$$

$$= 172.22 \text{ cubic feet}$$

$$2) t_B - t_P - t_O = \text{Back of graph}$$

$$2,578 - 899.28 - 254.16 = .3957 \text{ hrs}$$

$$.3957 - .3629 = .0328 = 118.08 \text{ secs}$$

$$\text{Slope} = \frac{7.12}{.3957} = -17.99$$

$$\text{so } \frac{6.53}{-17.99} = .3629 \text{ hours}$$

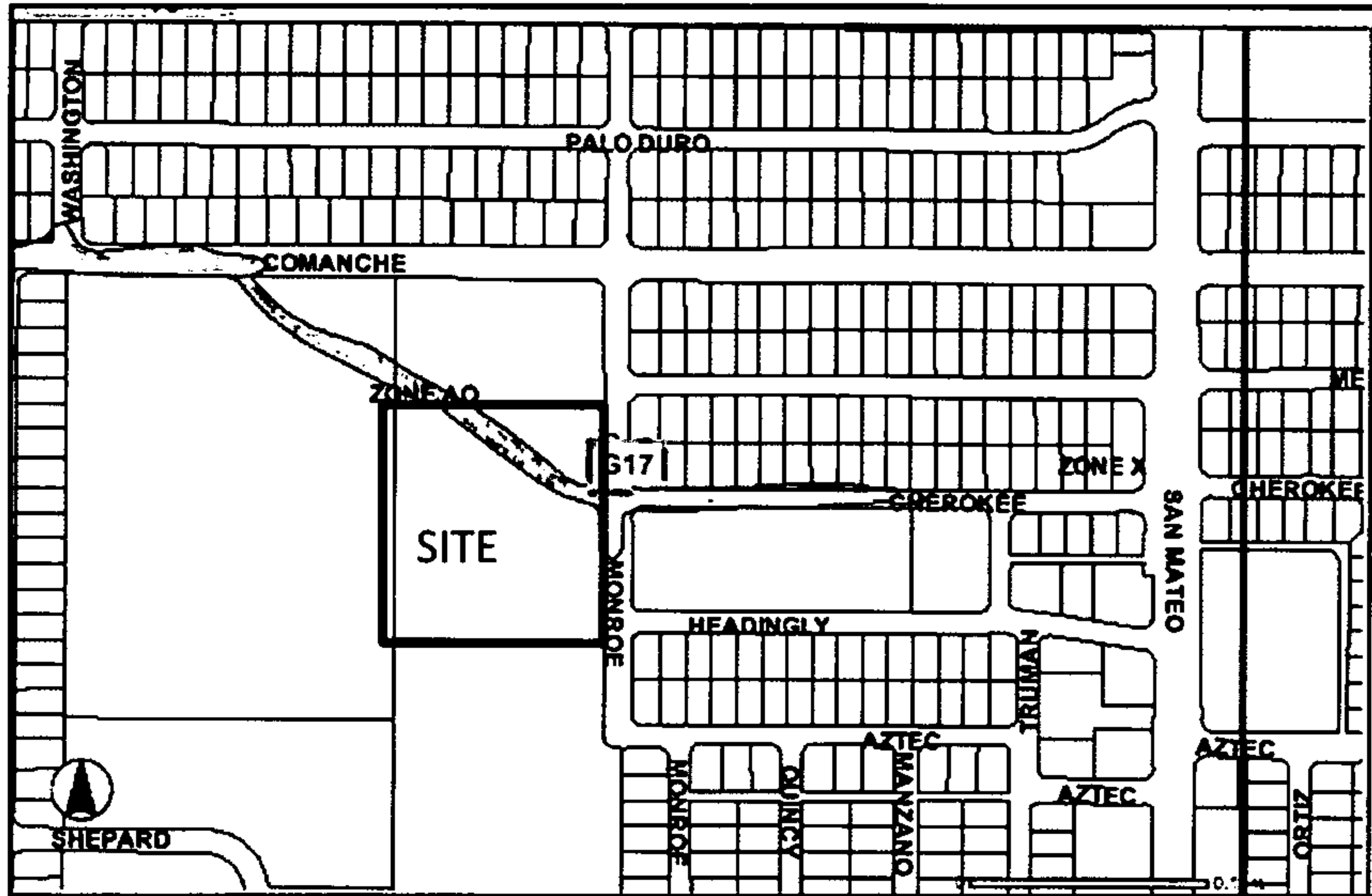
$$\frac{1}{2} [118.08 * (7.12 - 6.53)] = 34.83 \text{ cf}$$

Total Volume Difference 7.12 + 6.53

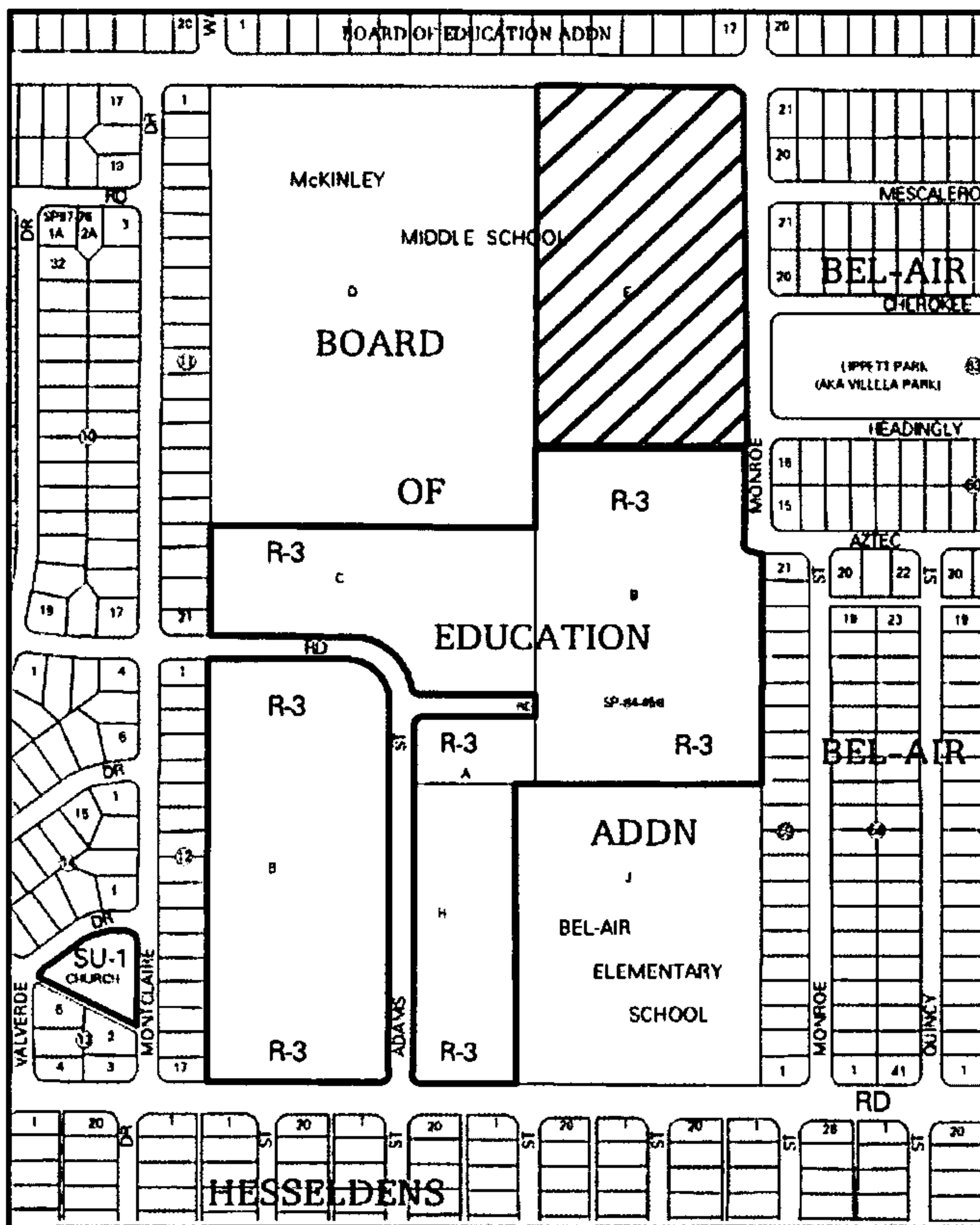
$$172.22 \text{ cf}$$

$$34.83 \text{ cf}$$

$$\boxed{207.05} \text{ cubic feet}$$



FLOOD ZONE MAP



VICINITY MAP

Drainage Summary

Project: APS DESERT WILLOW
 Project Numbe: 3043
 Date: 06/15/16
 By: Dave A

Site Location

Precipitaion Zone

3 Per Table A-1 COA DPM Section 22.2

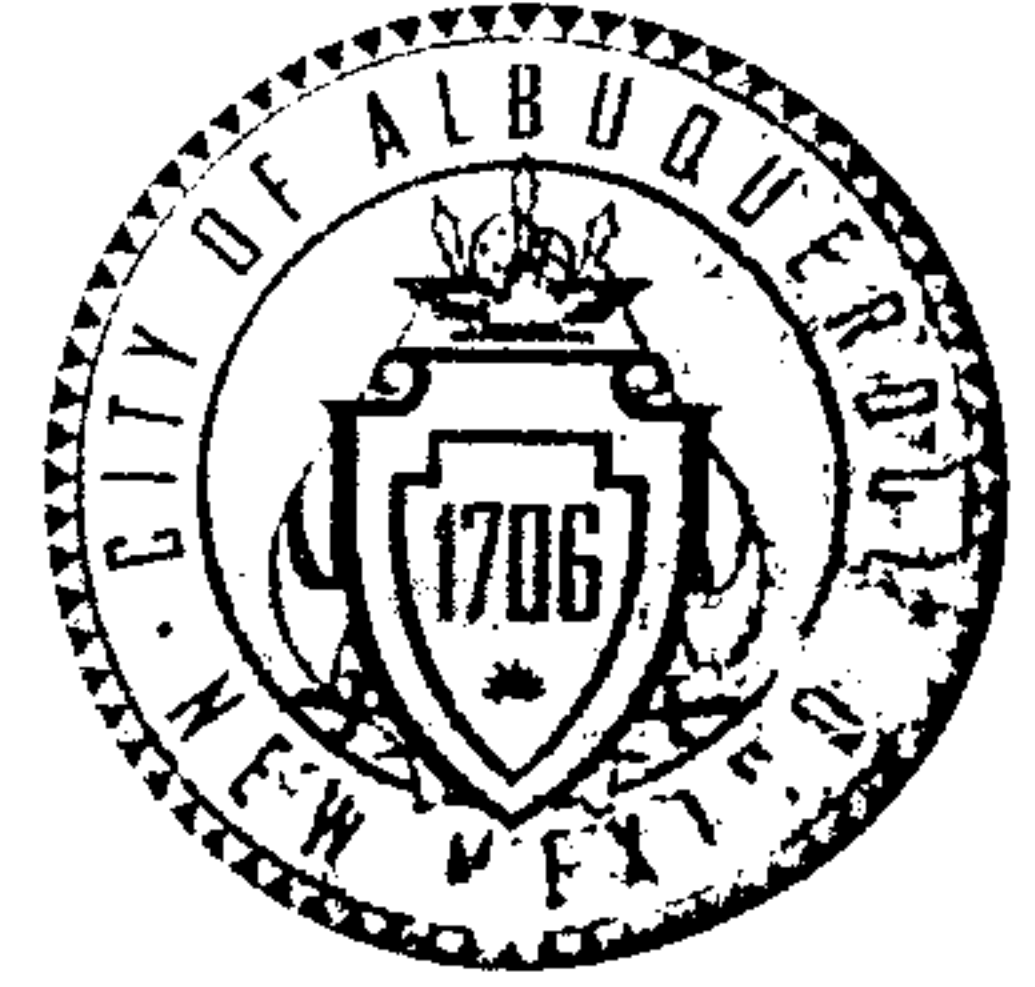
Existing summary

Basin Name	Ex 1	Ex 2	Ex #3
Area (sf)	83411	25907	48298
Area (acres)	1.91	0.59	1.11
%A Land treatment			
%B Land treatment	15	20	0
%C Land treatment	40	0	100
%D Land treatment	45	80	0
Soil Treatment (acres)			
Area "A"	0.00	0.00	0.00
Area "B"	0.29	0.12	0.00
Area "C"	0.77	0.00	1.11
Area "D"	0.86	0.48	0.00
Excess Runoff (acre-feet)			
100yr. 6hr.	0.2738	0.1027	0.1192
10yr. 6hr.	0.1559	0.0630	0.0573
2yr. 6hr.	0.0781	0.0359	0.0185
100yr. 24hr.	0.3097	0.1225	0.1192
Peak Discharge (cfs)			
100 yr.	7.71	2.70	3.83
10yr.	4.79	1.75	2.22
2yr.	2.42	1.00	0.86

Proposed summary

Basin Name	Pro 1	Pro 1A	Pro 3
Area (sf)	83411	25907	48298
Area (acres)	1.91	0.59	1.11
%A Land treatment			
%B Land treatment	15	20	20
%C Land treatment	40	0	35
%D Land treatment	45	80	45
Soil Treatment (acres)			
Area "A"	0.00	0.00	0.00
Area "B"	0.29	0.12	0.22
Area "C"	0.77	0.00	0.39
Area "D"	0.86	0.48	0.50
Excess Runoff (acre-feet)			
100yr. 6hr.	0.2738	0.1027	0.1568
10yr. 6hr.	0.1559	0.0630	0.0891
2yr. 6hr.	0.0781	0.0359	0.0446
100yr. 24hr.	0.3097	0.1225	0.1776
Peak Discharge (cfs)			
100 yr.	7.71	2.70	4.42
10yr.	4.79	1.75	2.73
2yr.	2.42	1.00	1.37

CITY OF ALBUQUERQUE



June 4, 2008

David Aube, PE
The Design Group
202 Central SE, Ste 200
Albuquerque, NM 87102

**Re: Family School East Side Grading and Drainage Plan
Engineer Stamp 5-30-08 (G17/D19A)**

Dear Mr. Aube,

Based upon information provided in your submittal dated 5-30-08, 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.

Also, prior to Certificate of Occupancy release, Engineer Certification of the grading plan per the DPM checklist will be required.

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

Sincerely,

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

C: file

PO Box 1293

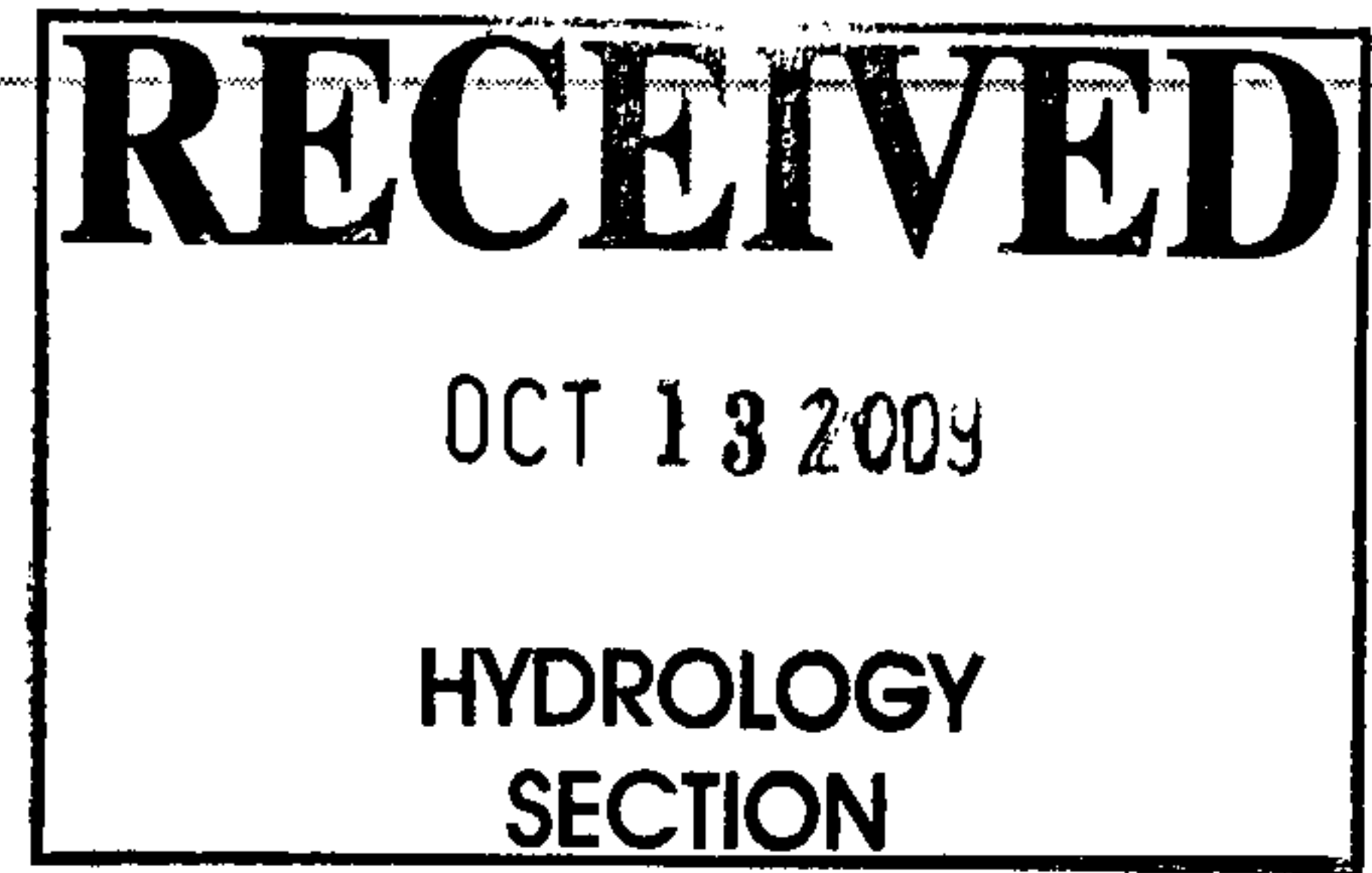
Albuquerque

NM 87103

www.cabq.gov

Sims, Timothy E.

From: Dave Aube [DAube@designgroupnm.com]
Sent: Wednesday, October 14, 2009 2:35 PM
To: Sims, Timothy E.
Cc: Dave Aube
Subject: Temp CO



Tim

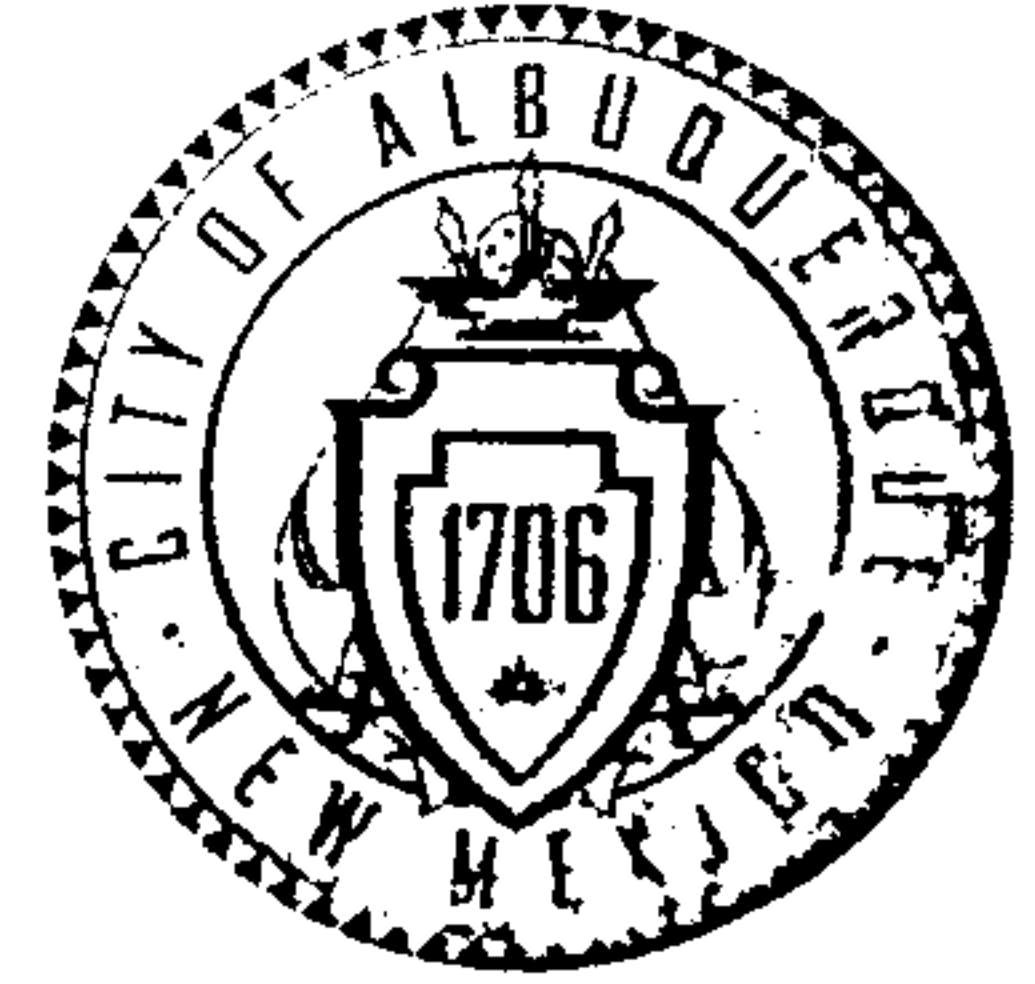
I would like to see if we can get a 30 day extension for the APS Family School located at 3303 Monroe NE. The contractor is still working on a couple of drainage issues. The cert will be turned in after the contractor has completed the remaining tasks. Please let me know.

Dave

10/14/09
Y - 30 DAY
Temp Extension

10/14/2009

CITY OF ALBUQUERQUE



June 6, 2008

David Aube
The Design Group
202 Central Avenue SE, Ste. 200
Albuquerque, NM 87102

**Re: APS Family School East Side, 3303 Monroe St. NE,
Traffic Circulation Layout
Engineer's Stamp dated 5-30-08 (G-17/D019A)**

Dear Mr. Aube,

Based upon the information provided in your submittal received 5-30-08, the above referenced plan cannot be approved for Building Permit until the following comments are addressed:

1. Define all hatching.
2. Appropriate signing and/or striping is required for the one-way entrance at Monroe Street.
3. Please correct the overlapping text.
4. Add a note to the entrances ensuring that there will be a minimum width of 3 feet at a 2% cross-slope, and all ramps are to be 12:1 max.
5. Remove the trees located within the sidewalk at the northeast corner of the site.

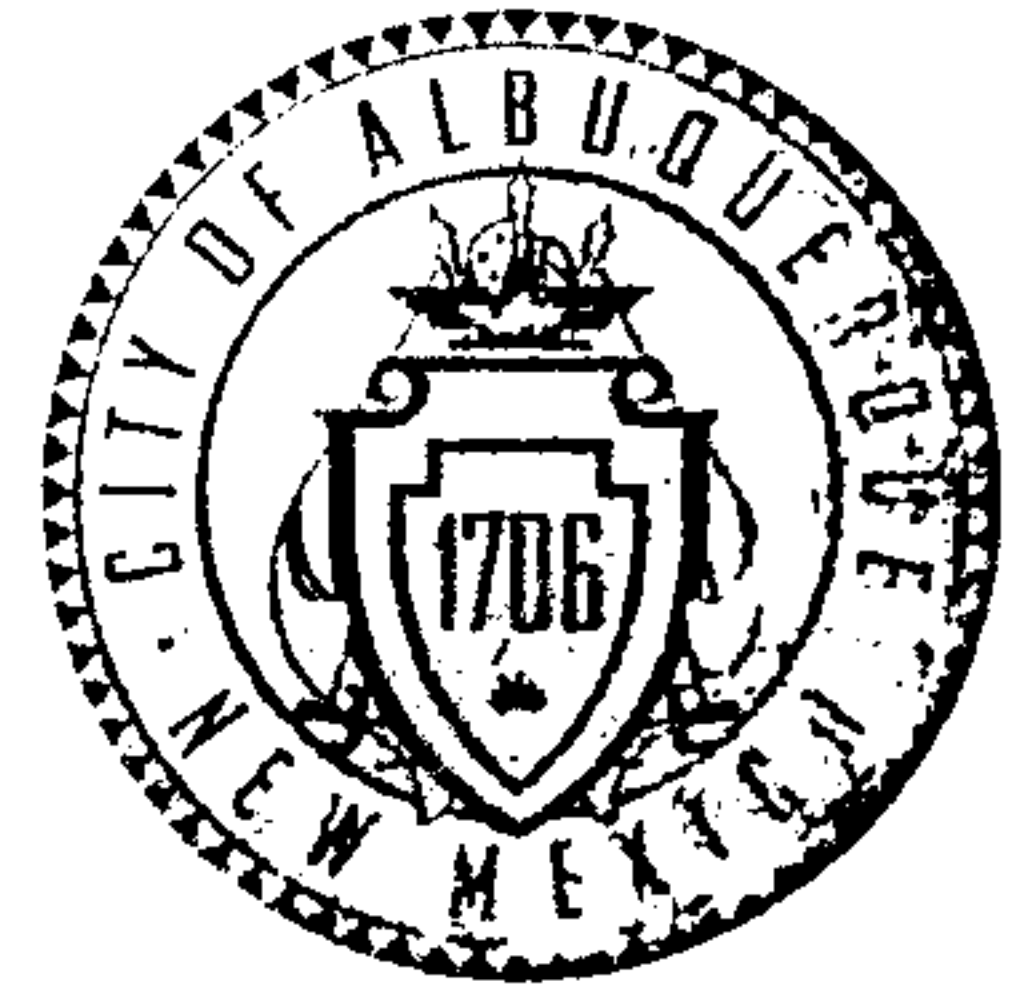
If you have any questions, you can contact me at 924-3991.

Sincerely,

Kristal D. Metro, P.E.
Traffic Engineer, Planning Dept.
Development and Building Services

C: File

CITY OF ALBUQUERQUE



May 29, 2008

David Aube, PE
The Design Group
202 Central SE, Ste 200
Albuquerque, NM 87102

Re: Family School East Side Grading and Drainage Plan
Engineer Stamp 5-15-08 (G17/D19A)

Dear Mr. Aube,

Based upon information provided in your submittal dated 5-15-08, the above referenced plan cannot be approved for Building Permit until the following comments are addressed.

- Please provide pipe size and material and applicable build notes or details necessary to build the pipes from the courtyard to the west. A 12" diameter may interfere with the 81.33 elevation of the finished floor.
- There are a number of lines throughout the plan that have no labeling or other demarcation and make the plan cumbersome to read. Please delete all unnecessary line work pertinent to the grading plan, label contours and curbs, valley gutters, etc.

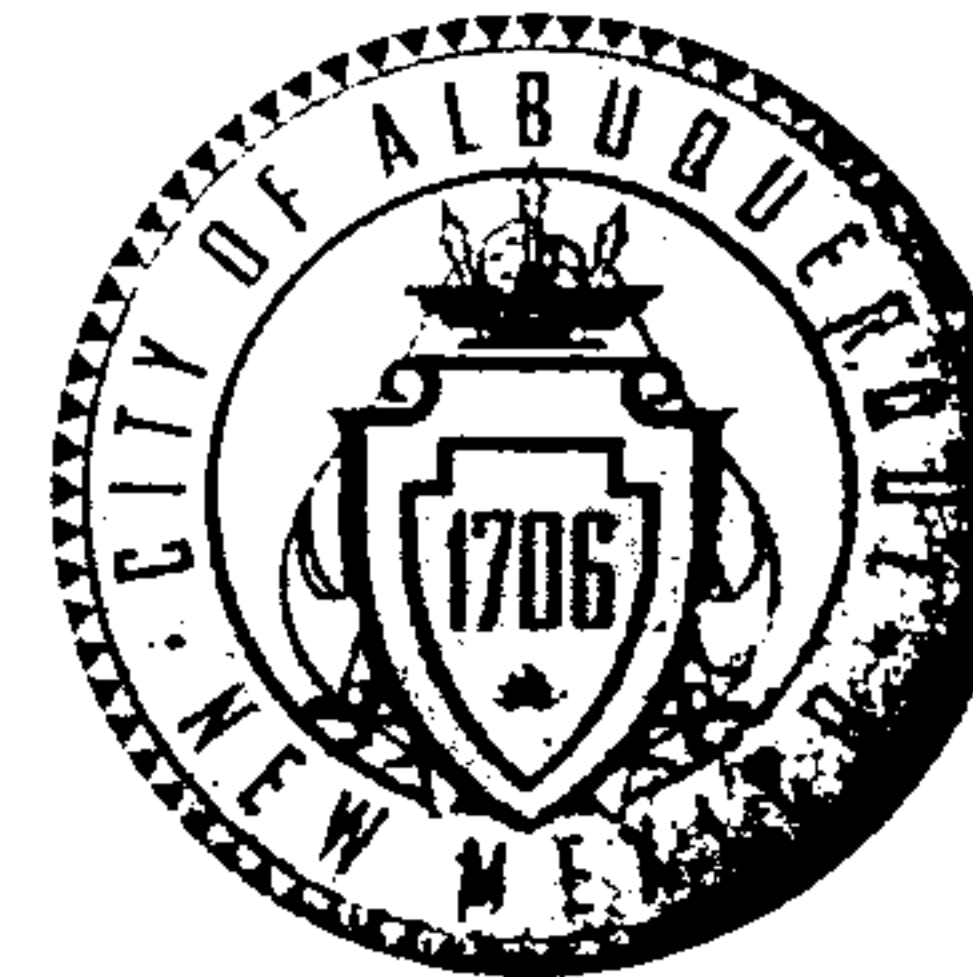
If you have any questions, you can contact me at 924-3986.

Sincerely,

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

C: file

CITY OF ALBUQUERQUE



December 7, 2009

David Aube, P.E.
The Design Group
202 Central Avenue SE, Ste. 200
Albuquerque, NM 87102

**Re: APS Family School East Side, 3303 Monroe St. NE,
(G-17/D019A), Request of Permanent C.O.—Approved,
Engineer's Stamp Dated: 5-30-08
Engineer's Certification Date: 12-04-09**

Dear Mr. aube,

Based upon the information provided by our visual inspection on 12/04/09, 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 E. 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

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/28/2003rd)

G-17/DO 1914

PROJECT TITLE: APS Family School East Side
DRB #: _____ EPC#: _____

ZONE MAP/DRG. FILE # G-17-Z
WORK ORDER#: _____

LEGAL DESCRIPTION: Portions of Tracts D and E, Board of Education Addition.
CITY ADDRESS: 3303 Monroe Street NE.

ENGINEERING FIRM: Design Group
ADDRESS: 202 Central Avenue Suite 200
CITY, STATE: Albuquerque, NM

CONTACT: David Aube
PHONE: 242-6880
ZIP CODE: 87102

OWNER: APS
ADDRESS: 301 Central Avenue
CITY, STATE: Albuquerque, NM

CONTACT: David Ritchey
PHONE: 848-8876
ZIP CODE: 871

ARCHITECT: The Design Group
ADDRESS: 202 Central Avenue Suite 200
CITY, STATE: Albuquerque, NM

CONTACT: Gregory Hartman
PHONE: 242-6880
ZIP CODE: 87102

SURVEYOR: High Mesa Consulting
ADDRESS: _____
CITY, STATE: _____

CONTACT: Chuck Cala
PHONE: 345-4250
ZIP CODE: _____

CONTRACTOR: T. A. Cole
ADDRESS: _____
CITY, STATE: Albuquerque

CONTACT: _____
PHONE: 898-8698
ZIP CODE: 871

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:

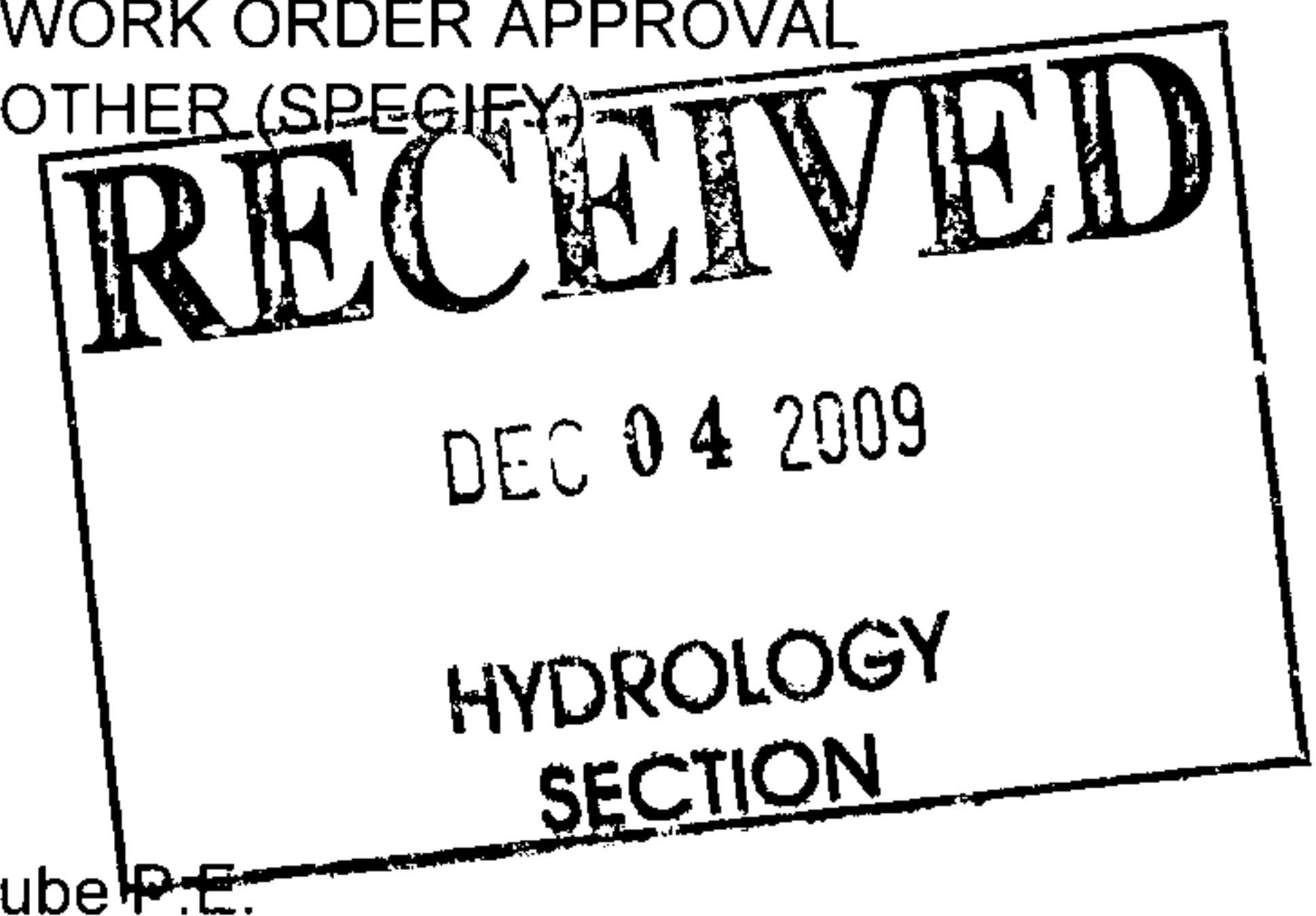
- ☐ SIA / FINANCIAL GUARANTEE RELEASE
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- ☒ CERTIFICATE OF OCCUPANCY (PERM.)
- ☐ CERTIFICATE OF OCCUPANCY (TEMP.)
- ☐ GRADING PERMIT APPROVAL
- ☐ PAVING PERMIT APPROVAL
- ☐ WORK ORDER APPROVAL
- ☐ OTHER (SPECIFY)

WAS A PRE-DESIGN CONFERENCE ATTENDED:

- ☒ YES
- ☐ NO
- ☐ COPY PROVIDED

DATE SUBMITTED: 12-4-09

BY: David Aube P.E.



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CITY OF ALBUQUERQUE



**Planning Department
Transportation Development Services Section**

October 15, 2009

David A. Aube, P.E.
The Hartman + Majewski Design Group
202 Central Avenue SE, Ste. 200
Albuquerque, NM 87102

Re: Approval of Permanent Certificate of Occupancy (C.O.) for
APS Family School East Side, [G-17/D019A]
3303 Monroe Street NE
Engineer's Stamp Dated 07/20/09

Dear Mr. Aube:

Based upon the information provided in your submittal received 10-13-09, Transportation Development has no objection to the issuance of a Permanent Certificate of Occupancy. This letter serves as a "green tag" from Transportation Development for a Permanent Certificate of Occupancy to be issued by the Building and Safety Division.

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

Sincerely,

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

c: Engineer
Hydrology file
CO Clerk

PO Box 1293

Albuquerque

NM 87103

www.cabq.gov

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/28/2003rd)

PROJECT TITLE: APS Family School East Side
DRB #: EPC#:

ZONE MAP/DRG. FILE #: ~~647Z~~
WORK ORDER#:

LEGAL DESCRIPTION: Portions of Tracts D and E, Board of Education Addition.
CITY ADDRESS: 3303 Monroe Street NE.

ENGINEERING FIRM: Design Group
ADDRESS: 202 Central Avenue Suite 200
CITY, STATE: Albuquerque, NM

CONTACT: David Aube
PHONE: 242-6880
ZIP CODE: 87102

OWNER: APS
ADDRESS: 301 Central Avenue
CITY, STATE: Albuquerque, NM

CONTACT: David Ritchey
PHONE: 848-8876
ZIP CODE: 871

ARCHITECT: The Design Group
ADDRESS: 202 Central Avenue Suite 200
CITY, STATE: Albuquerque, NM

CONTACT: Gregory Hartman
PHONE: 242-6880
ZIP CODE: 87102

SURVEYOR: High Mesa Consulting
ADDRESS:
CITY, STATE:

CONTACT: Chuck Cala
PHONE: 345-4250
ZIP CODE:

CONTRACTOR: T. A. Cole
ADDRESS:
CITY, STATE: Albuquerque

CONTACT:
PHONE: 898-8698
ZIP CODE: 871

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:

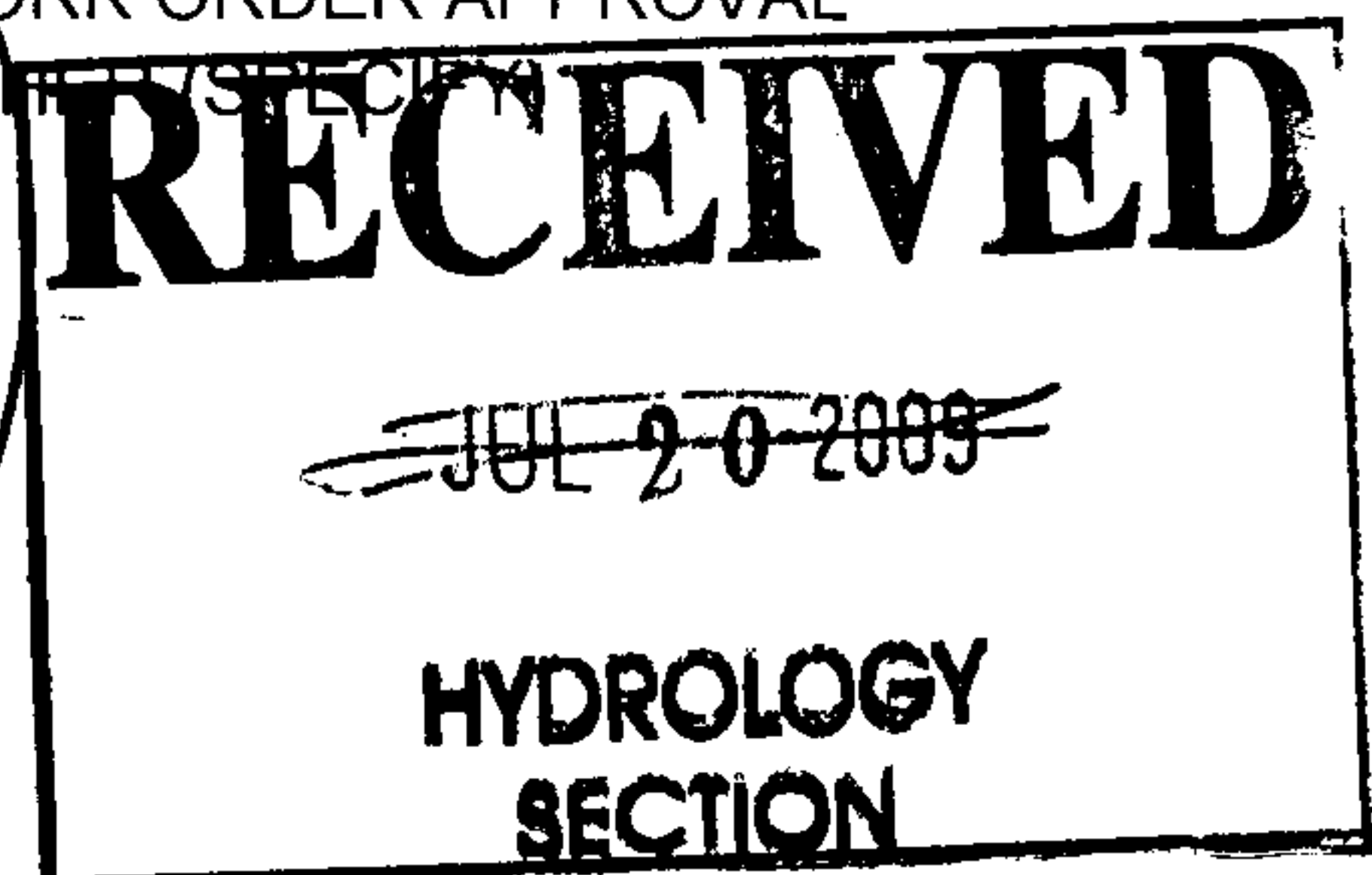
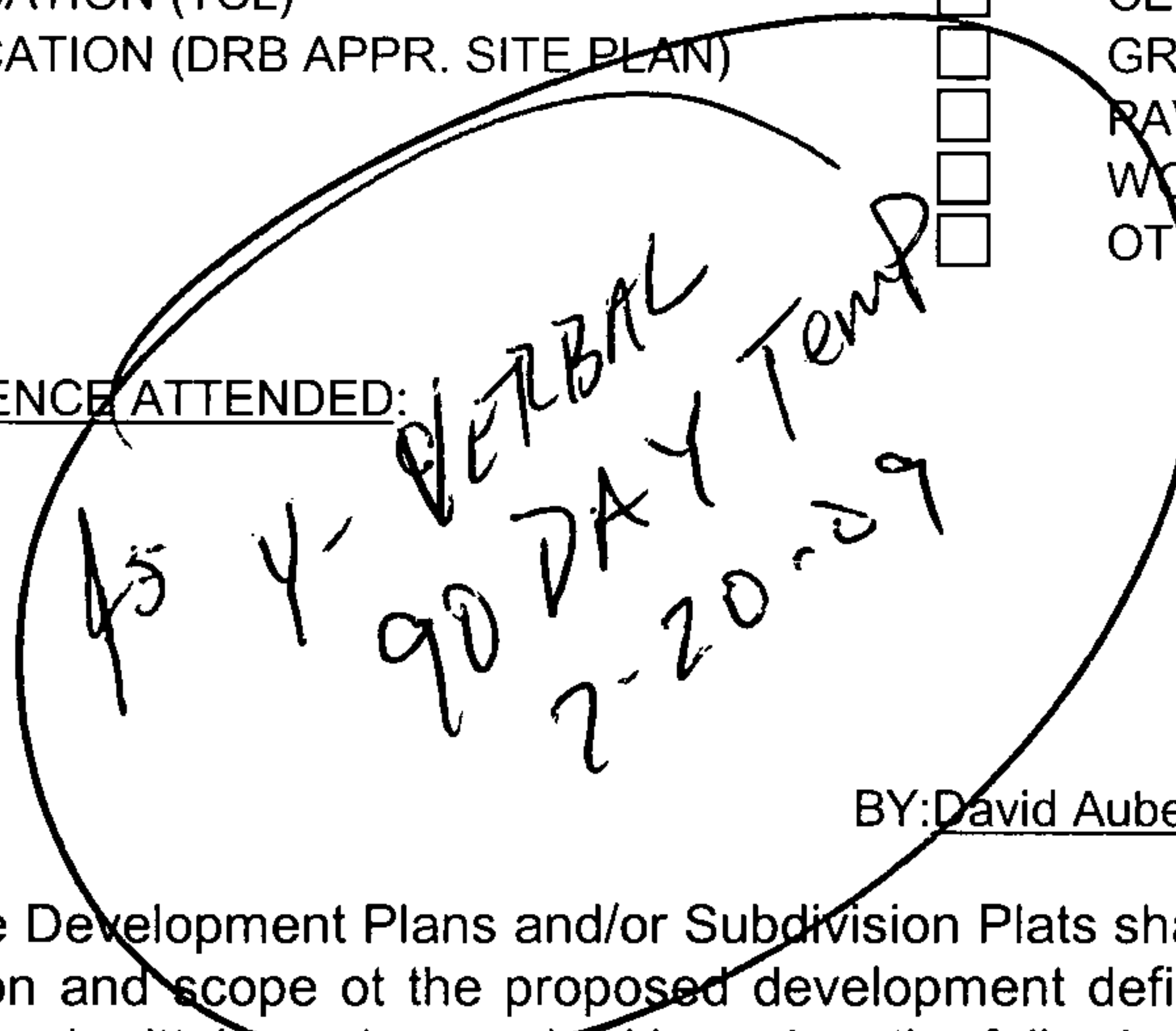
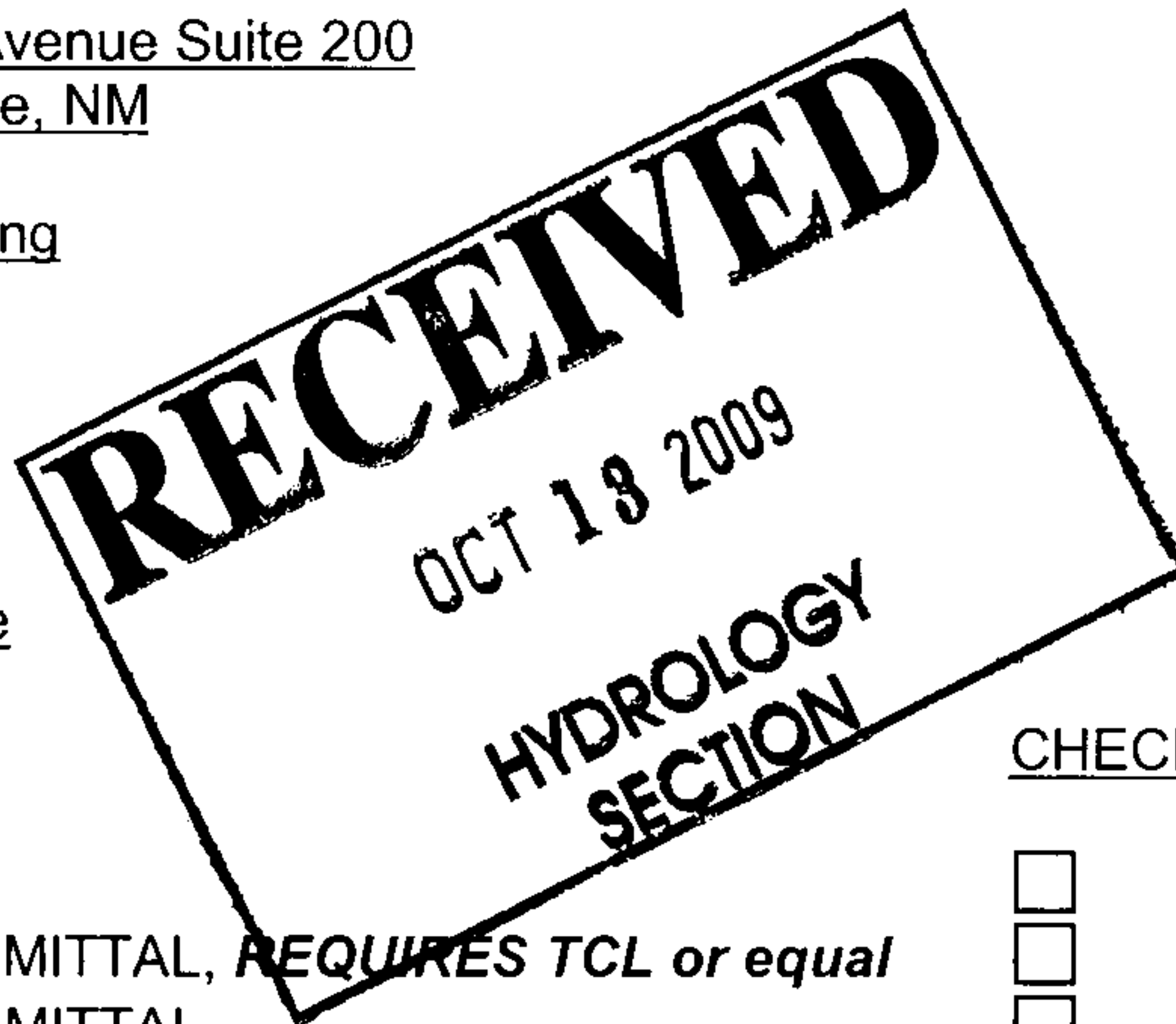
- ☒ YES
- ☐ NO
- ☐ COPY PROVIDED

DATE SUBMITTED: 7-20-09

BY: David Aube P.E.

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

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



DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/28/2003rd)

PROJECT TITLE: APS Family School East Side

DRB #: _____

EPC#: _____

ZONE MAP/DRG. FILE # G-17-Z

WORK ORDER#: _____

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ADDRESS: 202 Central Avenue Suite 200

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SURVEYOR: High Mesa Consulting

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CITY, STATE: _____

CONTRACTOR: T. A. Cole

ADDRESS: _____

CITY, STATE: Albuquerque

CONTACT: David Aube

PHONE: 242-6880

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ZIP CODE: _____

CONTACT: _____

PHONE: 898-8698

ZIP CODE: 871

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- ☐ ENGINEERS CERTIFICATION (TCL)
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- ☐ OTHER

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- ☐ S. DEV. PLAN FOR BLDG. PERMIT APPROVAL
- ☐ SECTOR PLAN APPROVAL
- ☐ FINAL PLAT APPROVAL
- ☐ FOUNDATION PERMIT APPROVAL
- ☒ BUILDING 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:

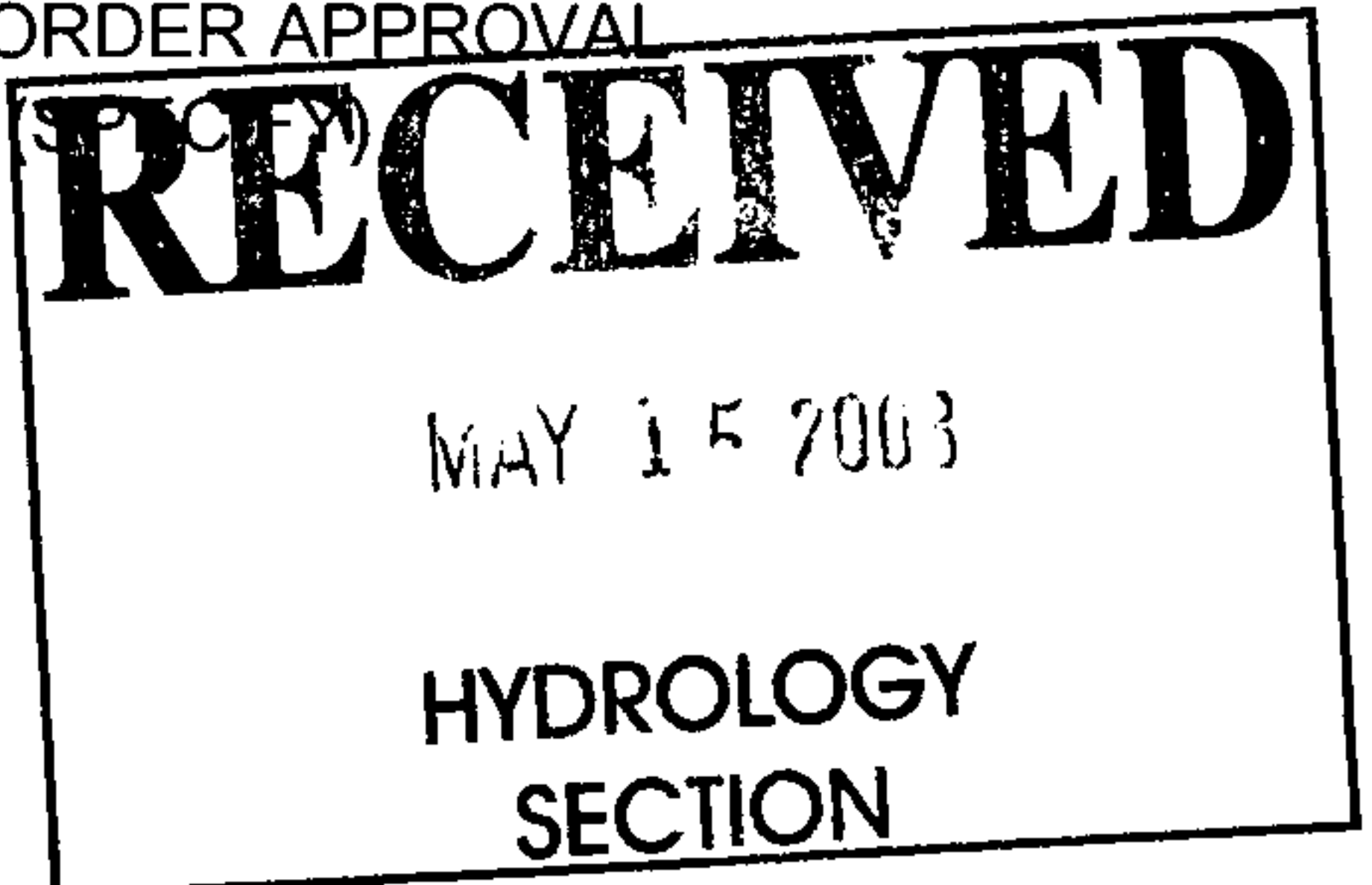
- ☒ YES
- ☒ NO
- ☐ COPY PROVIDED

DATE SUBMITTED: 5-15-08

BY: David Aube P.E.

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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HYDROLOGY
HAS
FILE
5/16/08

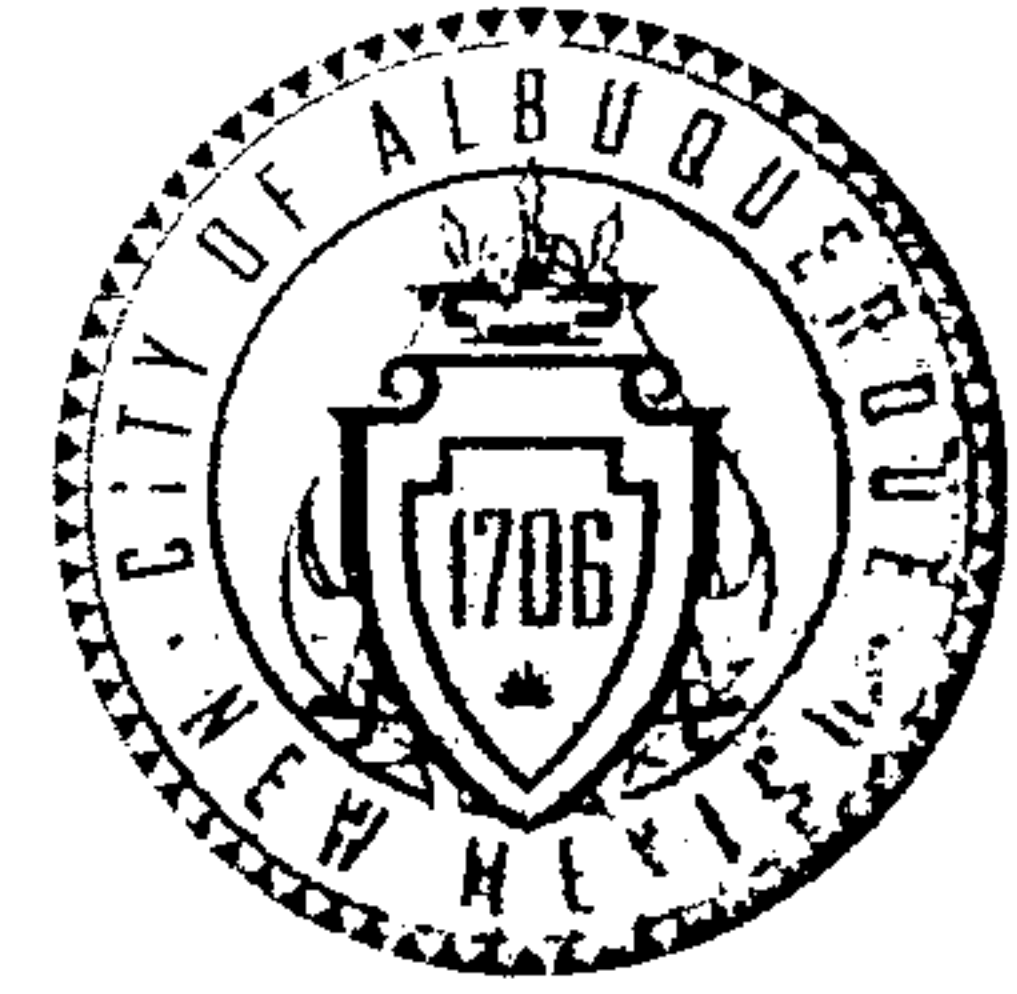
VERBAL
- NO
5/30/08
KDM/JS-
- FRIDAY -
5-30-08
10:20 AM

Clarify line types

Build notes for entries

15' min radius

CITY OF ALBUQUERQUE



June 17, 2008

David Aube, P.E.
The Design Group
202 Central Ave. SE Suite 200
Albuquerque, NM 87102

Re: APS Family School East Side, 3303 Monroe St. NE, Traffic Circulation Layout
Engineer's Stamp dated 6-08-08 (G17-D019A)

Dear Mr. Aube,

The TCL submittal received 6-10-08 is approved for Building Permit. The plan is stamped and signed as approved. A copy of this plan will be needed for each of the building permit plans. Please keep the original to be used for certification of the site for final C.O. for Transportation. **Public infrastructure or work done within City Right-of-Way shown on these plans is for information only and is not part of approval. A separate DRC and/or other appropriate permits are required to construct these items.**

PO Box 1293

If a temporary CO is needed, a copy of the original TCL that was stamped as approved by the City will be needed. This plan must include a statement that identifies the outstanding items that need to be constructed or the items that have not been built in "substantial compliance," as well as the signed and dated stamp of a NM registered architect or engineer. Submit this TCL with a completed Drainage and Transportation Information Sheet to Hydrology at the Development Services Center of Plaza Del Sol Building.

Albuquerque

NM 87103

When the site is completed and a final C.O. is requested, use the original City stamped approved TCL for certification. A NM registered architect or engineer must stamp, sign, and date the certification TCL along with indicating that the development was built in "substantial compliance" with the TCL. Submit this certification TCL with a completed Drainage and Transportation Information Sheet to Hydrology at the Development Services Center of Plaza Del Sol Building.

www.cabq.gov

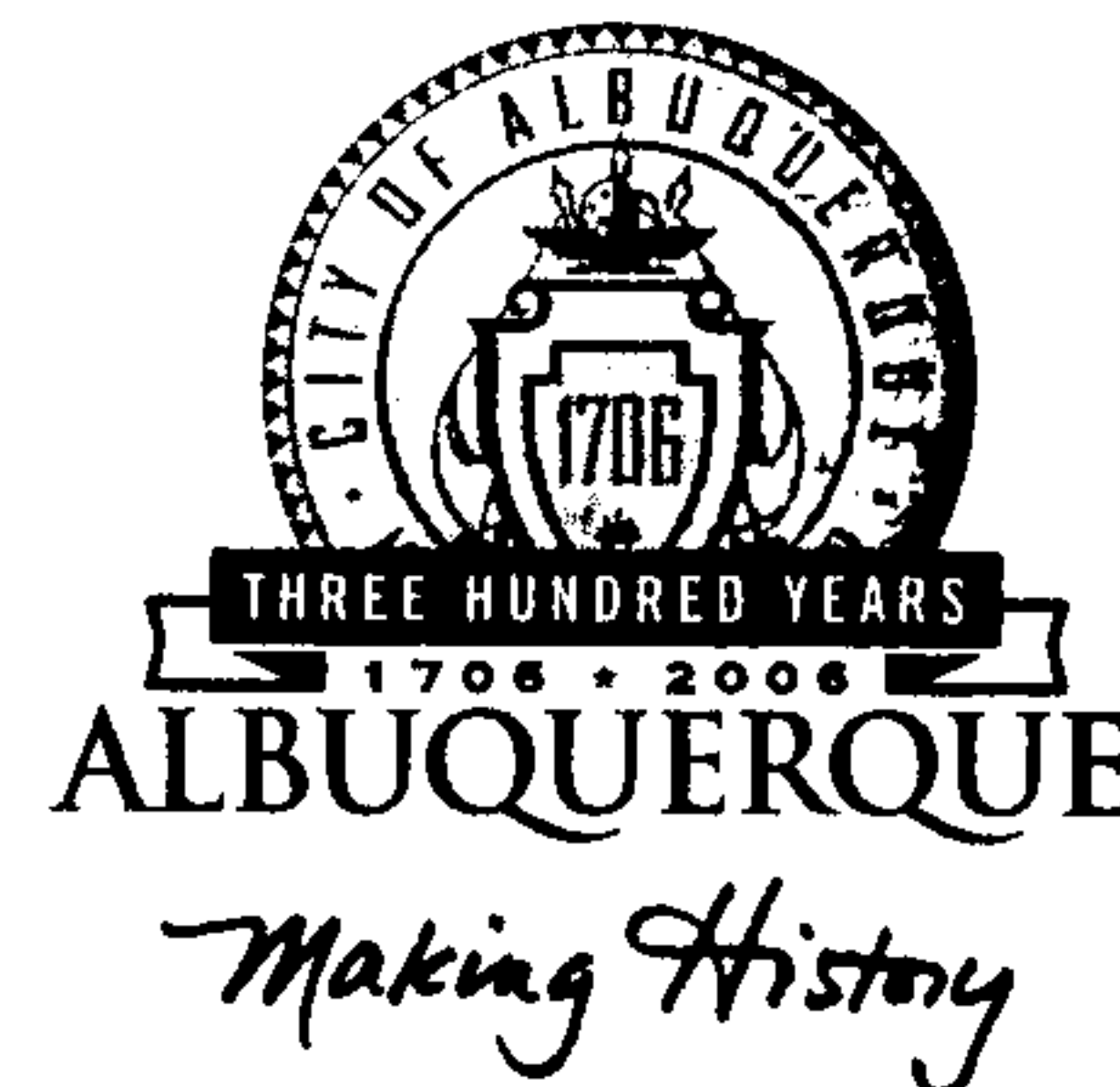
Once verification of certification is completed and approved, notification will be made to Building Safety to issue Final C.O. To confirm that a final C.O. has been issued, call Building Safety at 924-3306.

Sincerely,

Kristal D. Metro, P.E.
Senior Engineer, Planning Dept.
Development and Building Services

C: File

CITY OF ALBUQUERQUE



March 29, 2005

Mr. Jeff Mortensen, P.E.
JEFF MORTENSEN & ASSOCIATES
6010-B Midway Park Blvd. NE
Albuquerque, NM 87109

Re: MCKINLEY SENIOR FITNESS CENTER
3401 Monroe St. NE
Approval of Certificate of Occupancy (C.O.)
Engineer's Stamp dated 01/29/2004 (G-17/D19A)
Certification dated 03/27/2005

P.O. Box 1293

Dear Jeff:

Albuquerque

Based upon the information provided in your submittal received 03/29/2005, the above referenced certification is approved for release of Permanent Certificate of Occupancy by Hydrology.

New Mexico 87103

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

www.cabq.gov

Sincerely,

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

C: Phyllis Villanueva
File

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/28/2003rd)

PROJECT TITLE: McKINLEY SENIOR FITNESS CENTER ZONE ATLAS/DRNG. FILE #: G17 D19A
 DRB #: _____ EPC #: _____ WORK ORDER #: 663502

LEGAL DESCRIPTION: TRACTS D & E, BOARD OF EDUCATION ADDITION
 CITY ADDRESS: 3401 MONROE NE

ENGINEERING FIRM: JEFF MORTENSEN & ASSOC., INC. CONTACT: JEFF MORTENSEN
 ADDRESS: 6010-B MIDWAY PARK BLVD. NE PHONE: (505) 345-4250
 CITY, STATE: ALBUQUERQUE, NM ZIP CODE: 87109

OWNER: CITY OF ALBUQUERQUE CONTACT: ARCHITECT
 ADDRESS: _____ PHONE: _____
 CITY, STATE: _____ ZIP CODE: _____

ARCHITECT: ISAAC BENTON & ASSOCIATES CONTACT: IKE BENTON
 ADDRESS: 624 TIJERAS AVENUE NE PHONE: 243-3499
 CITY, STATE: ALBUQUERQUE, NM ZIP CODE: 87102

SURVEYOR: JEFF MORTENSEN & ASSOC., INC. CONTACT: JEFF MORTENSEN
 ADDRESS: 6010-B MIDWAY PARK BLVD. NE PHONE: (505) 345-4250
 CITY, STATE: ALBUQUERQUE, NM ZIP CODE: 87109

CONTRACTOR: SIMS GENERAL BUILDING CONTACT: CHARLIE
 ADDRESS: 381 CAMINO CAMPO PHONE: 363-8509
 CITY, STATE: CORRALES, NM ZIP CODE: 87048

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)
☐ ENGINEER'S CERTIFICATION (TCL)
☐ ENGINEER'S CERTIFICATION (DRB APPR. SITE PLAN)
☐ OTHER

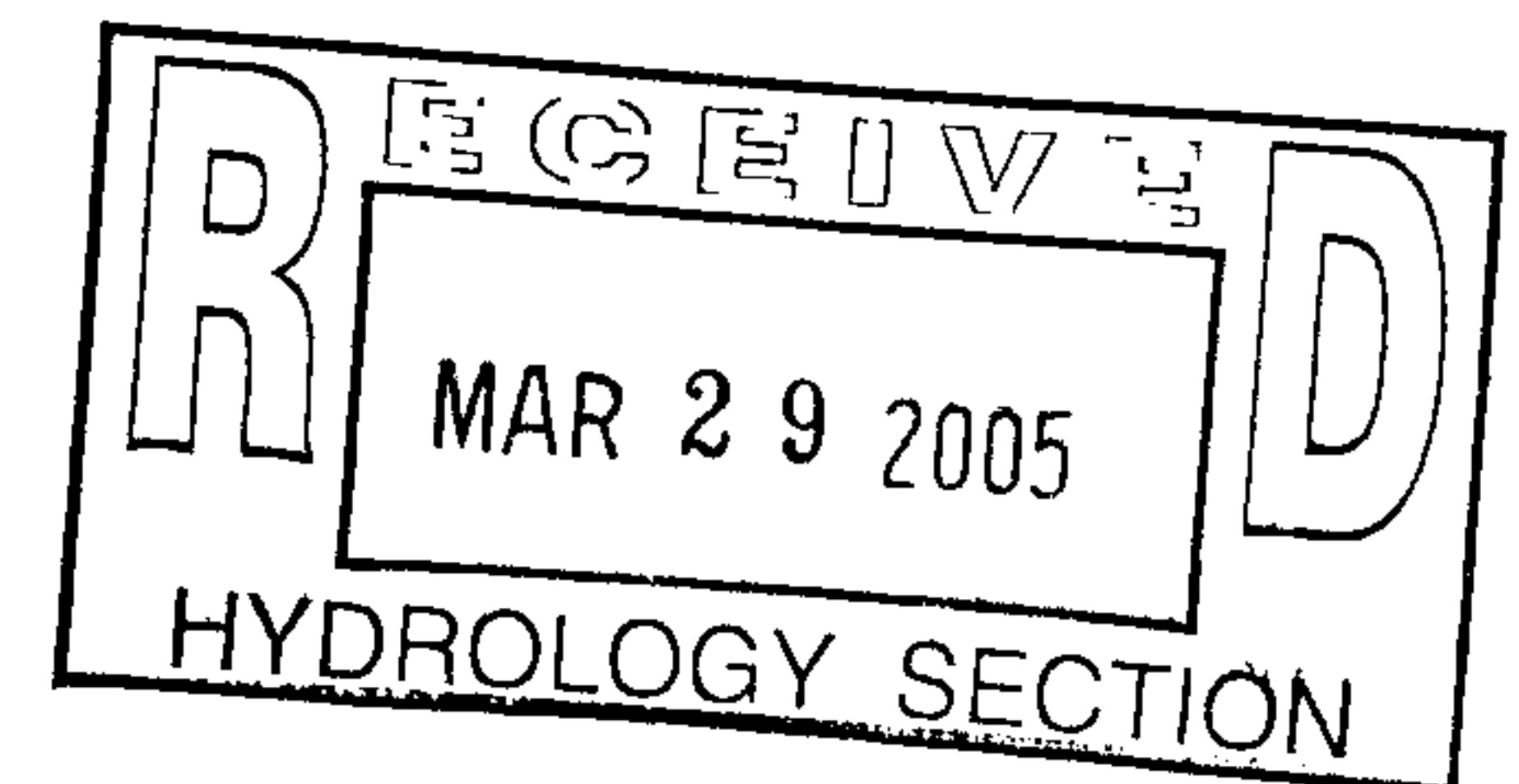
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☐ FOUNDATION PERMIT APPROVAL
☐ BUILDING PERMIT APPROVAL
☒ **CERTIFICATE OF OCCUPANCY (PERM.)**
☐ CERTIFICATE OF OCCUPANCY (TEMP.)
☐ GRADING PERMIT APPROVAL
☐ PAVING PERMIT APPROVAL
☐ WORK ORDER APPROVAL
☐ OTHER (SPECIFY) -

WAS A PRE-DESIGN CONFERENCE ATTENDED:

- ☐ YES
☒ NO
☐ COPY PROVIDED

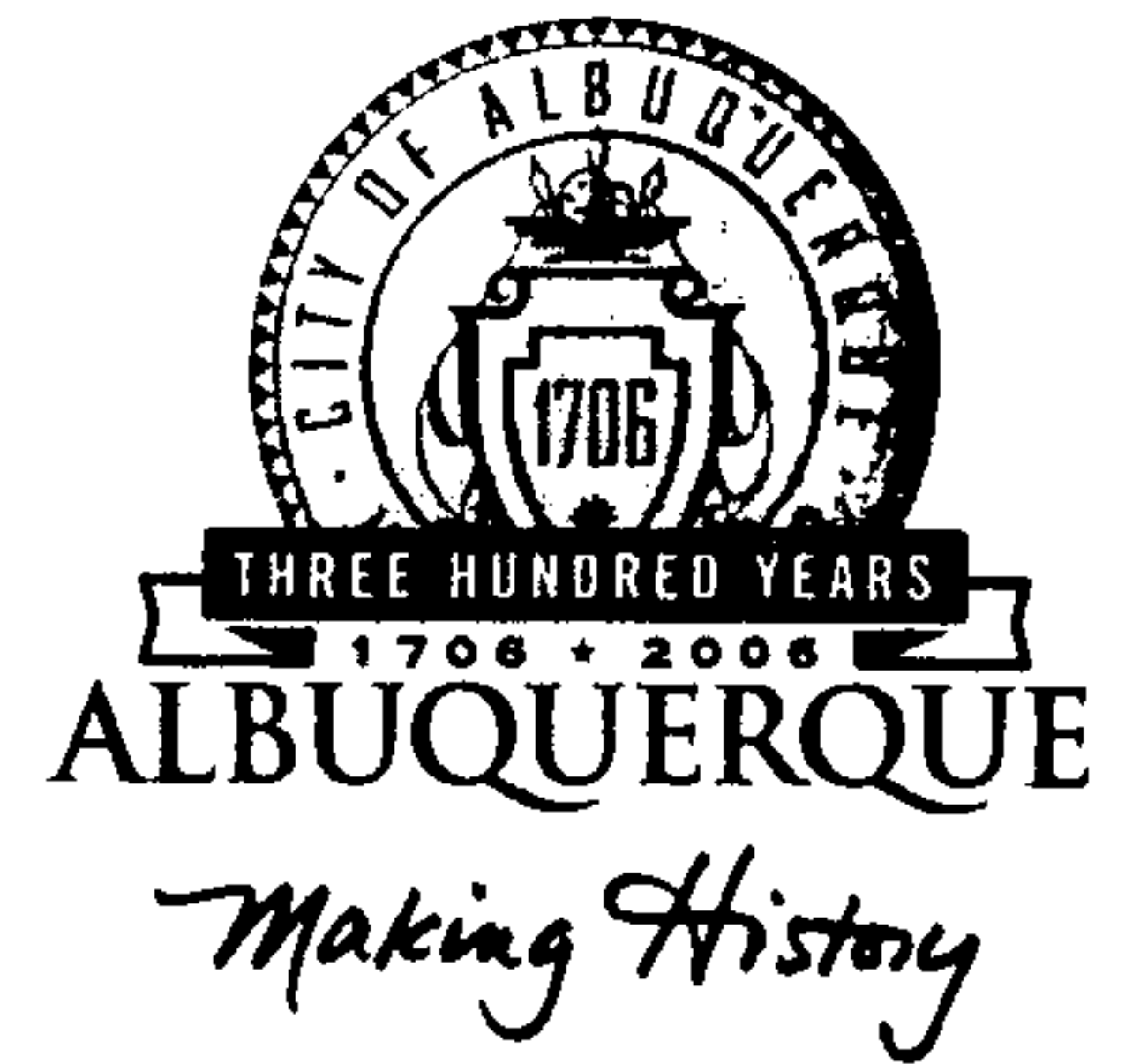
DATE SUBMITTED: 03/29/2005 BY: JEFFREY G. MORTENSEN



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 upon the following:

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CITY OF ALBUQUERQUE



**Planning Department
Transportation Development Services Section**

March 30, 2005

Jeffrey G. Mortensen, P.E.
6010-B Midway Park Blvd. NE
Albuquerque, NM 87109

Re: Certification Submittal for Final Building Certificate of Occupancy for
Mckinley Senior Fitness Center, [G-17 / D19A]
3401 Monroe NE
Engineer's Stamp Dated 03/29/05

Dear Mr. Mortensen:

P.O. Box 1293

The TCL / Letter of Certification submitted on March 29, 2005 is sufficient for acceptance by this office for final Certificate of Occupancy (C.O.). Notification has been made to the Building and Safety Section.

Albuquerque

Sincerely,

New Mexico 87103

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

www.cabq.gov

c:  Engineer
Hydrology file
CO Clerk

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/28/2003rd)

PROJECT TITLE: McKINLEY SENIOR FITNESS CENTER ZONE ATLAS/DRNG. FILE #: G17 D19A
 DRB #: _____ EPC #: _____ WORK ORDER #: 663502

LEGAL DESCRIPTION: TRACTS D & E, BOARD OF EDUCATION ADDITION
 CITY ADDRESS: 3401 MONROE NE

ENGINEERING FIRM: JEFF MORTENSEN & ASSOC., INC. CONTACT: JEFF MORTENSEN
 ADDRESS: 6010-B MIDWAY PARK BLVD. NE PHONE: (505) 345-4250
 CITY, STATE: ALBUQUERQUE, NM ZIP CODE: 87109

OWNER: CITY OF ALBUQUERQUE CONTACT: ARCHITECT
 ADDRESS: _____ PHONE: _____
 CITY, STATE: _____ ZIP CODE: _____

ARCHITECT: ISAAC BENTON & ASSOCIATES CONTACT: IKE BENTON
 ADDRESS: 624 TIJERAS AVENUE NE PHONE: 243-3499
 CITY, STATE: ALBUQUERQUE, NM ZIP CODE: 87102

SURVEYOR: JEFF MORTENSEN & ASSOC., INC. CONTACT: JEFF MORTENSEN
 ADDRESS: 6010-B MIDWAY PARK BLVD. NE PHONE: (505) 345-4250
 CITY, STATE: ALBUQUERQUE, NM ZIP CODE: 87109

CONTRACTOR: SIMS GENERAL BUILDING CONTACT: CHARLIE
 ADDRESS: 381 CAMINO CAMPO PHONE: 363-8509
 CITY, STATE: CORRALES, NM ZIP CODE: 87048

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)
☒ ENGINEER'S CERTIFICATION (TCL)
☐ ENGINEER'S CERTIFICATION (DRB APPR. SITE PLAN)
☐ OTHER

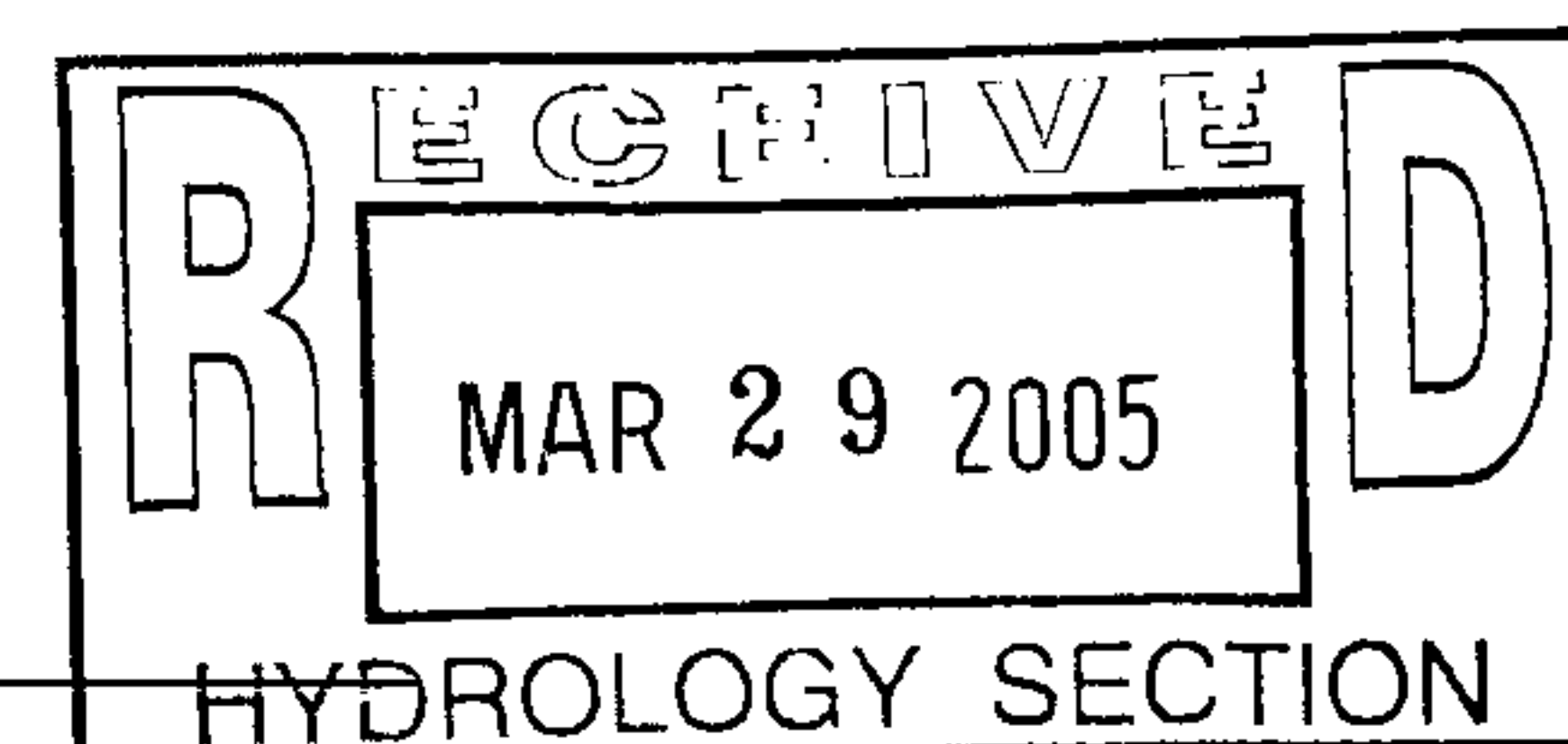
CHECK TYPE OF APPROVAL SOUGHT:

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☐ S. DEV. PLAN FOR SUB'D APPROVAL
☐ S. DEV. PLAN FOR BLDG. PERMIT APPROVAL
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☐ FINAL PLAT 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: 03/29/2005 BY: JEFFREY G. MORTENSEN



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3
Jeffrey G. Mortensen

2002.082.5

From: Jeffrey G. Mortensen
Sent: Monday, March 21, 2005 4:13 PM
To: RDourte@cabq.gov; WGallegos@cabq.gov; 'BBingham@cabq.gov'
Subject: FW: Palo Duro TIC

Richard, Wilfred and Brad,
Ike Benton has asked us to prepare the TCL Cert for this City Project (6635.02). He has e-mailed us his Site Plan to use for the cert. We will be removing his cert, but not titleblock as we are working for him as his Civil Consultant. We are also in the process of preparing the Drainage Cert as well. We are the Engineer of Record for the G&D.
Jeff

-----Original Message-----

From: Isaac Benton & Associates AIA [mailto:iba@swcp.com]
Sent: Monday, March 21, 2005 3:06 PM
To: Jeffrey G. Mortensen
Subject: Palo Duro TIC

Attached is C1.0 for your use in traffic certification.
Thanks

Thomas Tomlinson
Isaac Benton & Associates AIA
(505)243-3499
Fax (505)243-3583

3/21/2005



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

February 16, 2004

Jeffrey Mortensen, P.E.
Jeff Mortensen & Associates, Inc.
6010-B Midway Park Blvd. NE
Albuquerque, NM 87109

Re: McKinley Senior Fitness Center, 3401 Monroe NE, Grading and Drainage Plan

Engineer's Stamp dated 01-29-04 (G17/D19A)

Dear Mr. Mortensen,

Based upon the information provided in your submittal received 1-30-04, 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

BLB

C: File

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/28/2003rd)

G-17/D19A

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 ADDRESS: 6010-B MIDWAY PARK BLVD. NE PHONE: (505) 345-4250
 CITY, STATE: ALBUQUERQUE, NM ZIP CODE: 87109

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SURVEYOR: JEFF MORTENSEN & ASSOC., INC. CONTACT: JEFF MORTENSEN
 ADDRESS: 6010-B MIDWAY PARK BLVD. NE PHONE: (505) 345-4250
 CITY, STATE: ALBUQUERQUE, NM ZIP CODE: 87109

CONTRACTOR: NOT SELECTED CONTACT: _____
 ADDRESS: _____ PHONE: _____
 CITY, STATE: _____ ZIP CODE: _____

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☐ CLOMR/LOMR
☐ TRAFFIC CIRCULATION LAYOUT (TCL)
☐ ENGINEER'S CERTIFICATION (TCL)
☐ ENGINEER'S CERTIFICATION (DRB APPR. SITE PLAN)
☒ OTHER (ADDITION TO EXISTING CITY FACILITY)

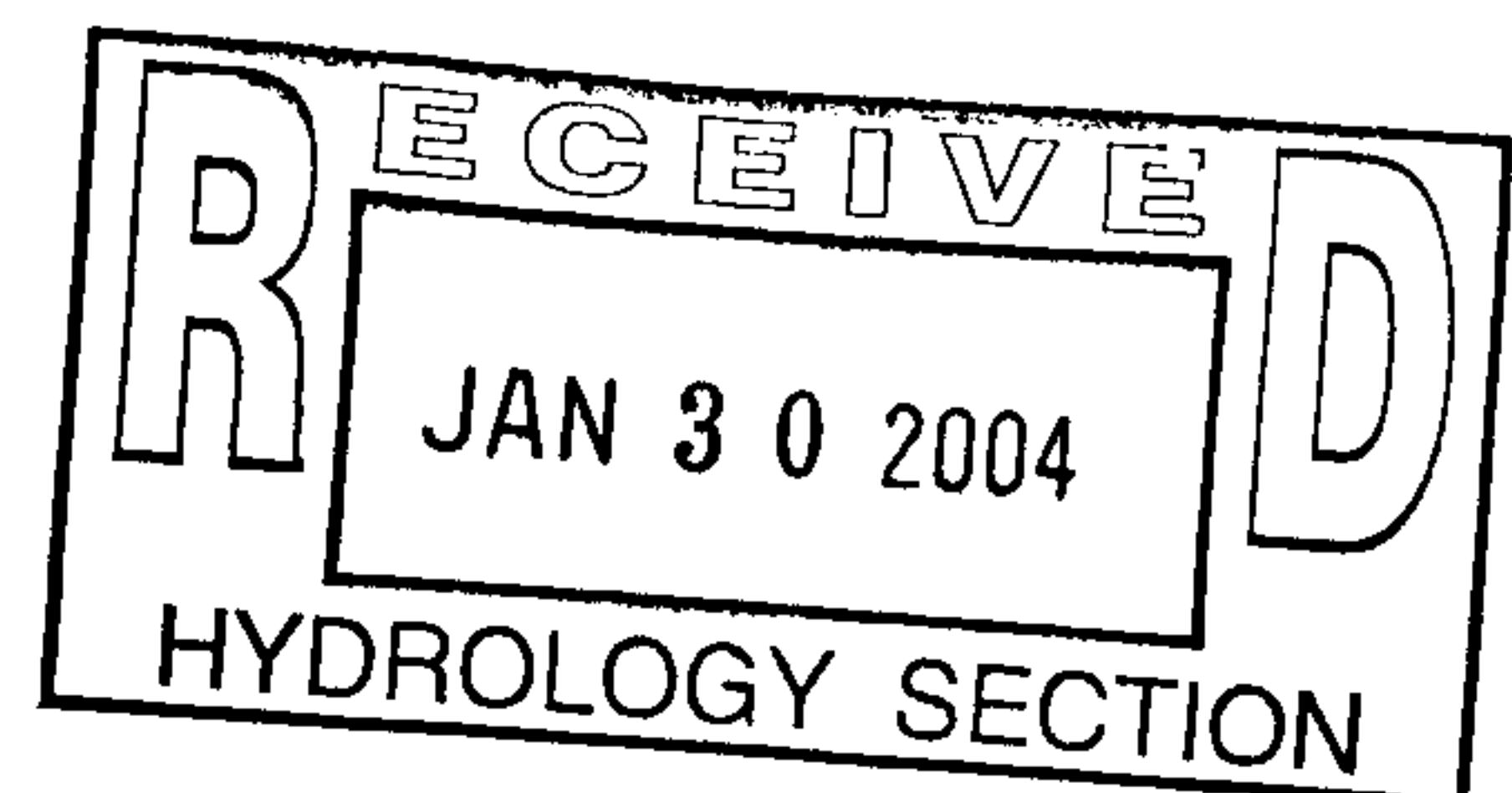
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☐ CERTIFICATE OF OCCUPANCY (TEMP.)
☐ GRADING PERMIT APPROVAL
☐ PAVING PERMIT APPROVAL
☐ WORK ORDER APPROVAL
☒ OTHER (SPECIFY) - DRC

WAS A PRE-DESIGN CONFERENCE ATTENDED:

- ☐ YES
☒ NO
☐ COPY PROVIDED

DATE SUBMITTED: 01/30/2004 BY: JEFFREY G. MORTENSEN



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no fee per Sharon per,