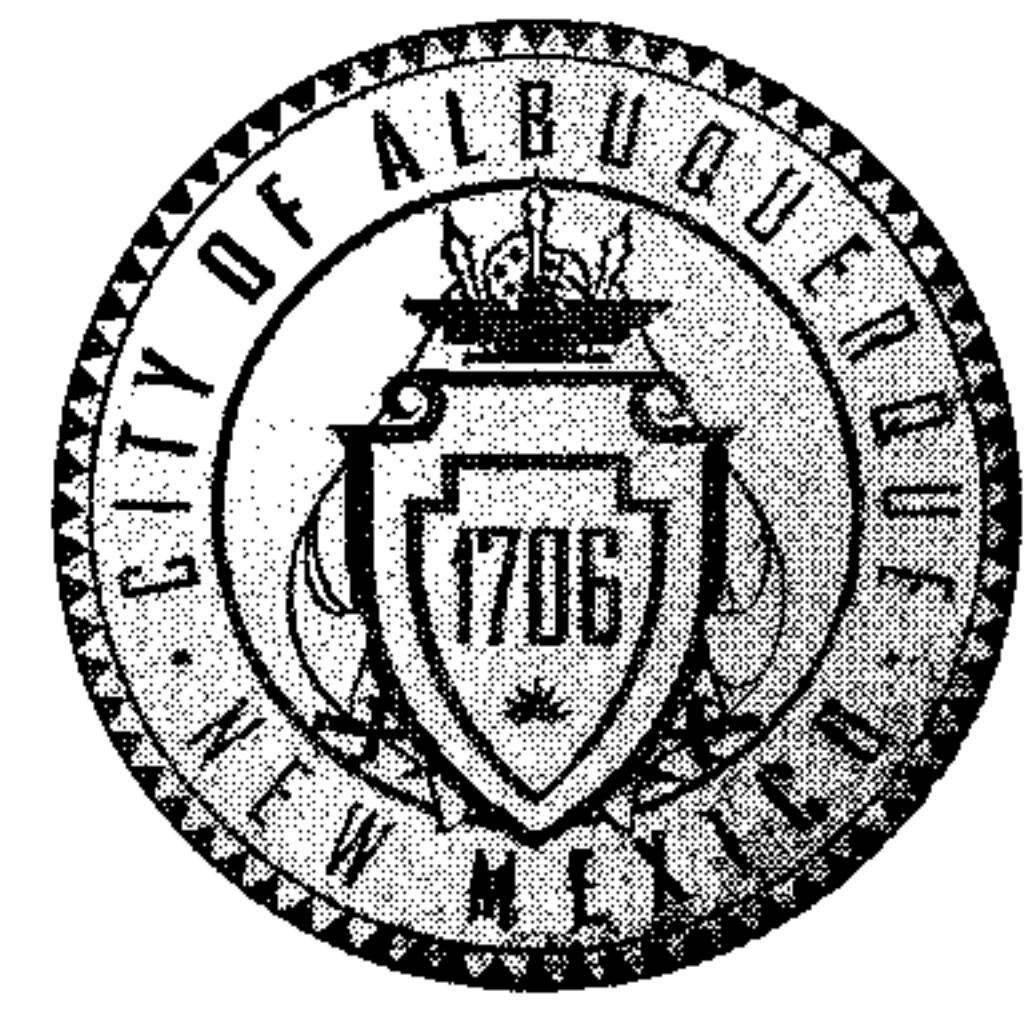


CITY OF ALBUQUERQUE



February 16, 2017

Cindy Terry R.A.
Westwork Architects
PO Box 10921
Albuquerque, NM 87184

Re: Aztec Special Education Facility
Request for Certificate of Occupancy- Transportation Development
Architect's Stamp dated 09-22-15 (H20-D033)
Certification dated 01-12-17

Dear Ms. Terry,

Based upon the information provided in your submittal received 02-16-17, 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.

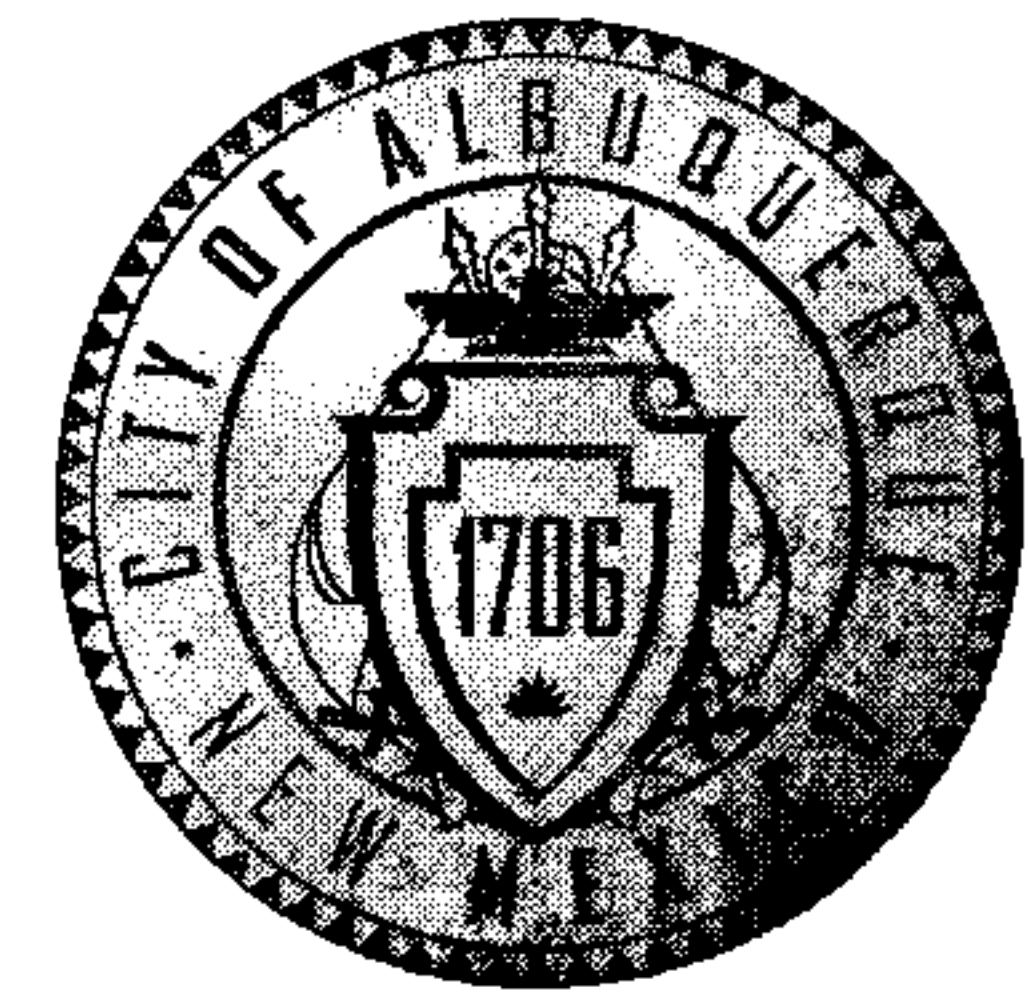
If you have any questions, please contact me at (505) 924-3630.

Sincerely,

Logan Patz
Senior Engineer, Planning Dept.
Development Review Services

LWP via: email
C: CO Clerk, File

CITY OF ALBUQUERQUE



January 26, 2017

Cindy Terry R.A.
Westwork Architects
PO Box 10921
Albuquerque, NM 87184

Re: Aztec Special Education Facility
Request for Certificate of Occupancy- Transportation Development
Architect's Stamp dated 09-22-15 (H20-D033)
Certification dated 01-12-17

Dear Ms. Terry,

Based upon the information provided in your submittal received 01-24-16,
Transportation Development cannot issue Certificate of Occupancy for the above
referenced project.

Prior to the issuance of a permanent Certificate of Occupancy, the following items must
be addressed:

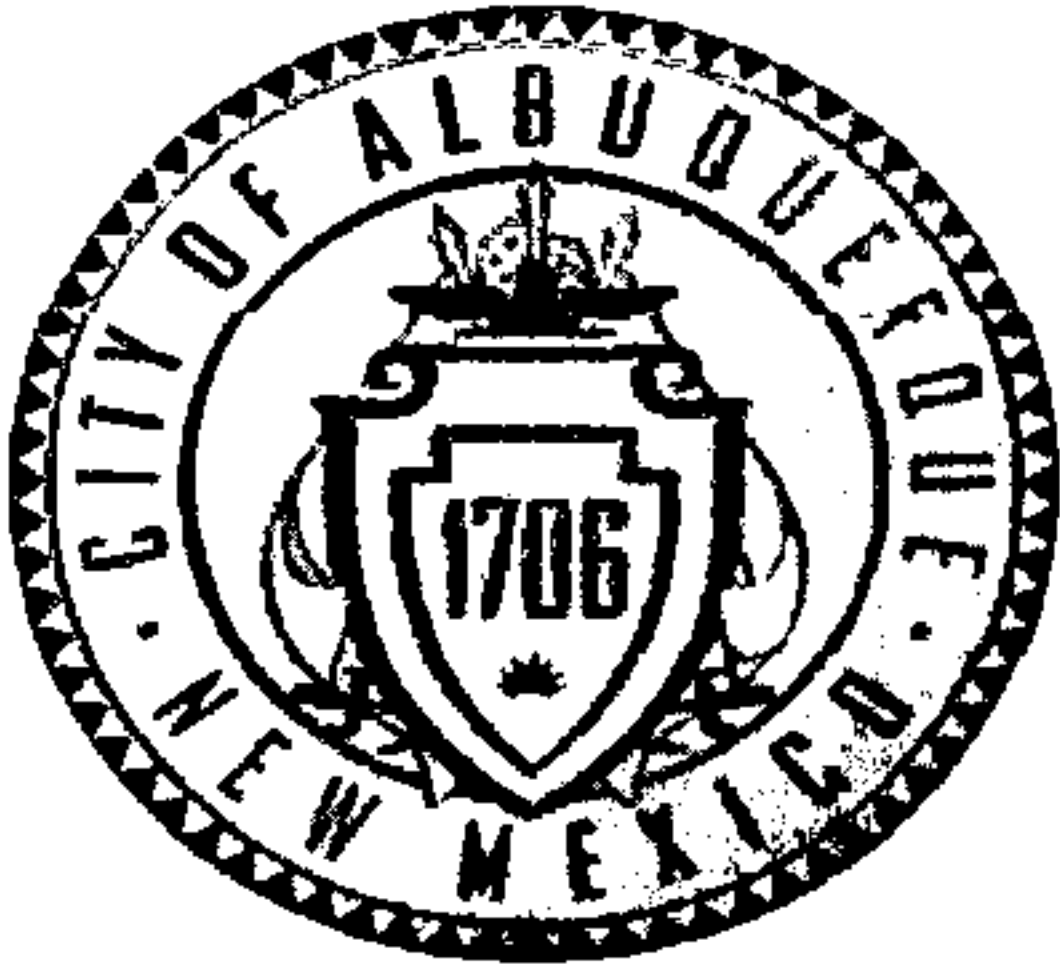
- The site had construction equipment, material, and debris throughout the parking lot. The site should be safe and ready for use by the general public at CO.
- The ADA access ramp on exhibit ASI-042 did not have the prefab detection pad or detectable warning surface as indicated on the plans.
- Motorcycle space should be labeled.

Once corrections are complete resubmit acceptable package along with a completed
Drainage Transportation Information Sheet to front counter personnel for log in and
evaluation by Transportation. For digital submittal please submit to
PLNDRS@cabq.gov. If you have any questions, please contact me at (505) 924-3630.

Sincerely,

Logan Patz
Senior Engineer, Planning Dept.
Development Review Services

LWP via: email
C: File



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 11/2016)

Project Title: RETEC SP. ED COMPLEX Building Permit #: 201591072 Hydrology File #: _____
DRB#: _____ EPC#: _____ Work Order#: _____
Legal Description: TRACTS E+F, LANDS OF THE BOARD OF EDUCATION, RETEC ELEMENTARY SCHOOL
City Address: 2611 EUBANK BUD. NE ALBUQUERQUE, NM 87112

Applicant: THOMPSON CONSTRUCTION, INC. Contact: ZACH THOMPSON
Address: 8200 VENICE AVE NE
Phone#: 505-856-1412 Fax#: 505-856-1375 E-mail: ZACH@TCI-NM.COM

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

Check all that Apply:

DEPARTMENT:
☐ HYDROLOGY/ DRAINAGE AND DEVELOPMENT SECTION
☒ TRAFFIC/ TRANSPORTATION

TYPE OF SUBMITTAL:
☒ ENGINEER/ARCHITECT CERTIFICATION

☐ CONCEPTUAL G & D PLAN
☐ GRADING PLAN
☐ DRAINAGE MASTER PLAN
☐ DRAINAGE REPORT
☐ CLOMR/LOMR

☒ TRAFFIC CIRCULATION LAYOUT (TCL)
☐ TRAFFIC IMPACT STUDY (TIS)

☐ OTHER (SPECIFY) _____
☐ PRE-DESIGN MEETING?

TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

☐ BUILDING PERMIT APPROVAL
☒ CERTIFICATE OF OCCUPANCY

☐ PRELIMINARY PLAT APPROVAL
☐ SITE PLAN FOR SUB'D APPROVAL
☐ SITE PLAN FOR BLDG. PERMIT APPROVAL
☐ FINAL PLAT APPROVAL

☐ SIA/ RELEASE OF FINANCIAL GUARANTEE
☐ FOUNDATION PERMIT APPROVAL
☐ GRADING PERMIT APPROVAL
☐ SO-19 APPROVAL
☐ PAVING PERMIT APPROVAL
☐ GRADING/ PAD CERTIFICATION
☐ WORK ORDER APPROVAL
☐ CLOMR/LOMR

IS THIS A RESUBMITTAL?: ☐ Yes ☒ No

DATE SUBMITTED: 1/24/17 By: ZACH THOMPSON

COA STAFF:

ELECTRONIC SUBMITTAL RECEIVED: _____

FEE PAID: _____



January 11, 2017

office

PO Box 10921
Albuquerque New
Mexico 87184

phone

(505)884-5252

email

westwork@swcp.com

website

Traffic Certification

Project: Aztec Special Education Facility, Albuquerque Public Schools
Address: 2600 Eubank Blvd NE Alb. NM

I, Cindy Terry AIA, New Mexico Registered Architect, of the firm Westwork Architects P.A. Hereby Certify that this project is in substantial compliance with and in accordance with the design intent of the approved plan dated September 28, 2015. The record information edited onto the original design document has been obtained by Cindy Terry of Westwork Architects P.A. I further certify that I personally have visited the project site on January 10, 2017 and have determined by visual inspection 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 summated in support of a request for a certificate of occupancy.

Revisions:

1. ASI 42: Owner requested ADA spaces be moved closer to entry door.
2. RFI 144: Parking spaces and Trash Enclosures Orientation changed for Waste Management approach.

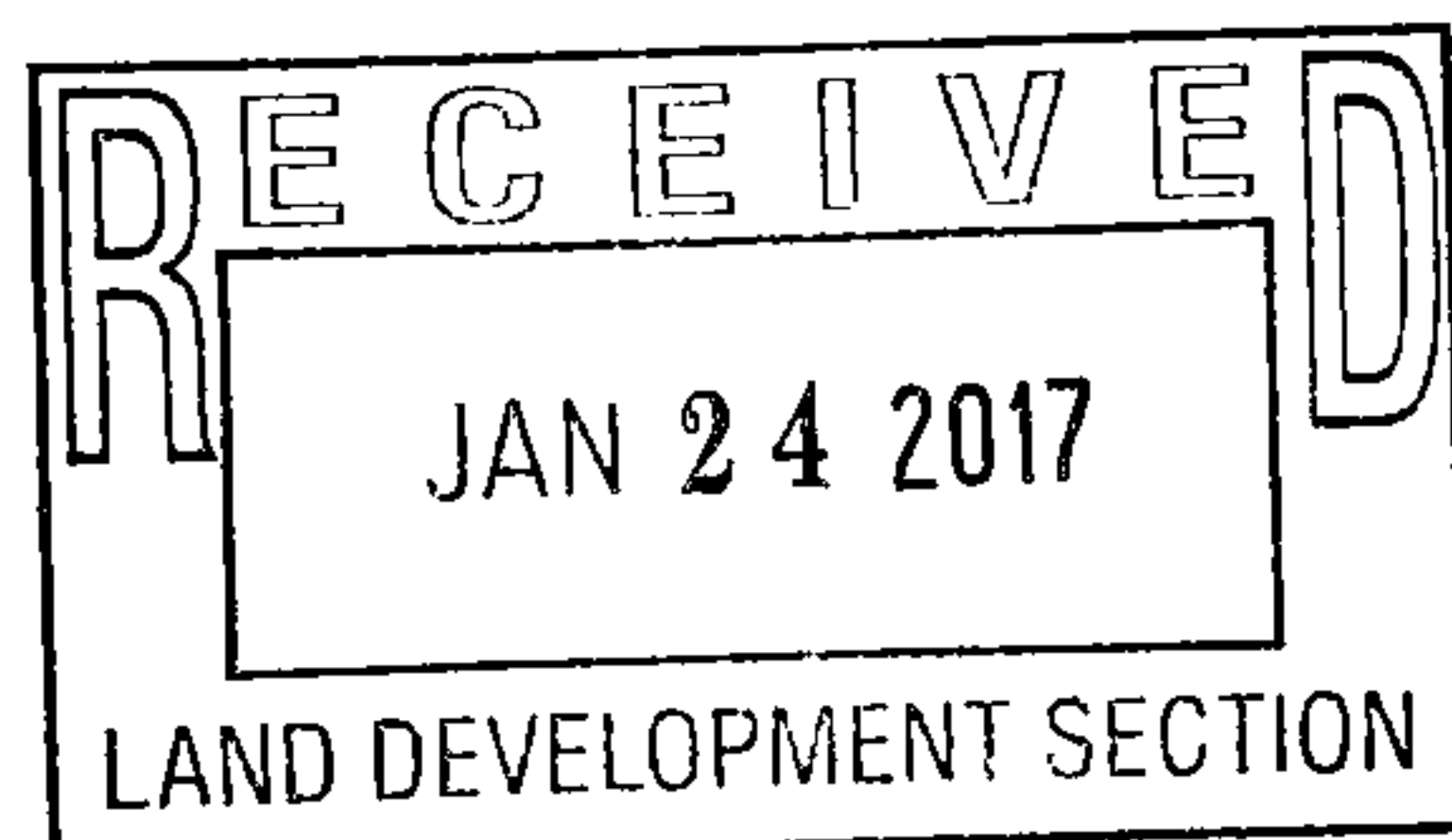
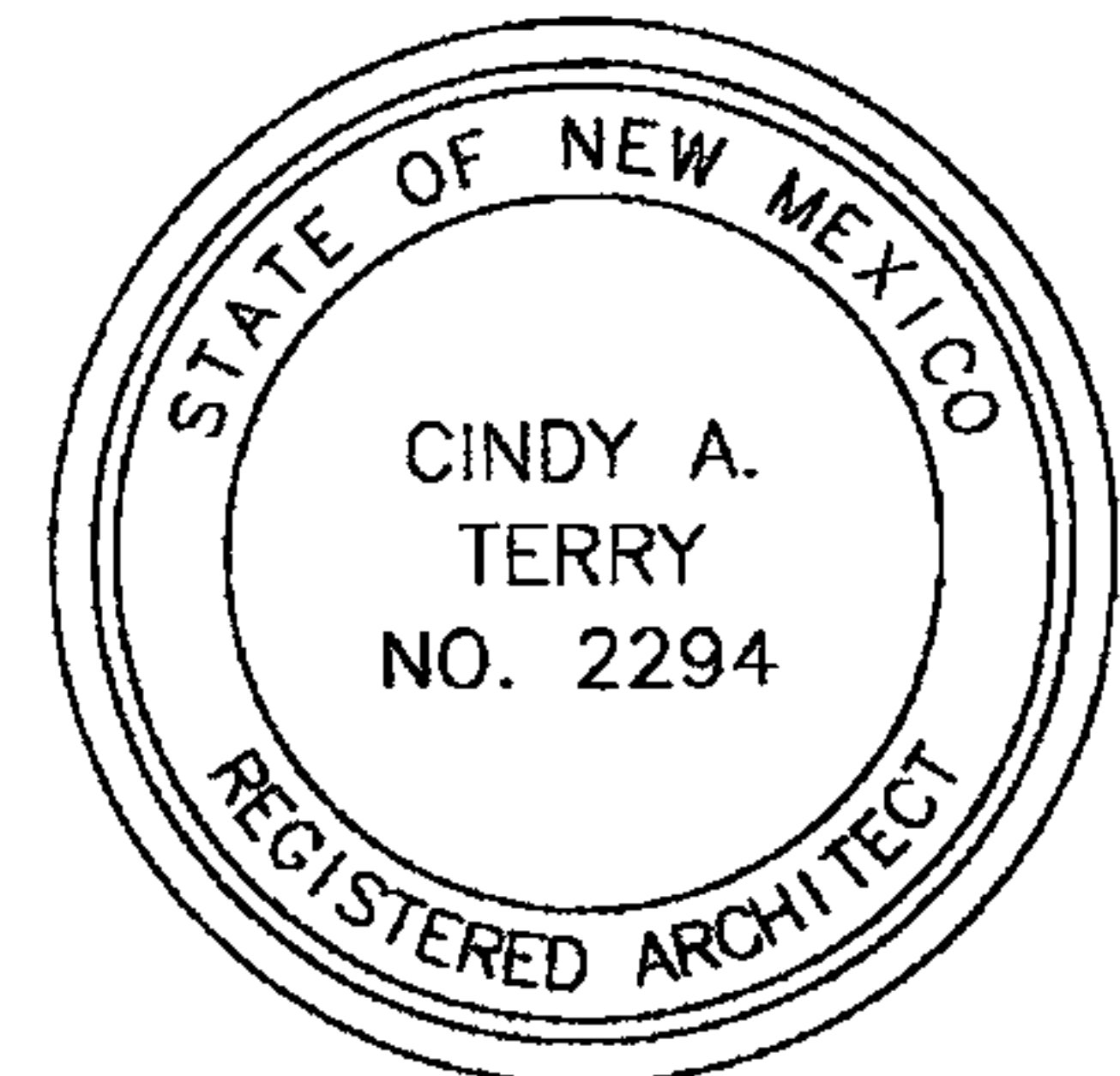
The record information presented hereon is not necessarily complete and intended only to verify substantial compliance of the traffic aspects of this project. Those relying on the record document are advised to obtain independent verification of its accuracy before using it for any other purpose.

A handwritten signature in black ink, appearing to read "Cindy Terry", written over a horizontal line.


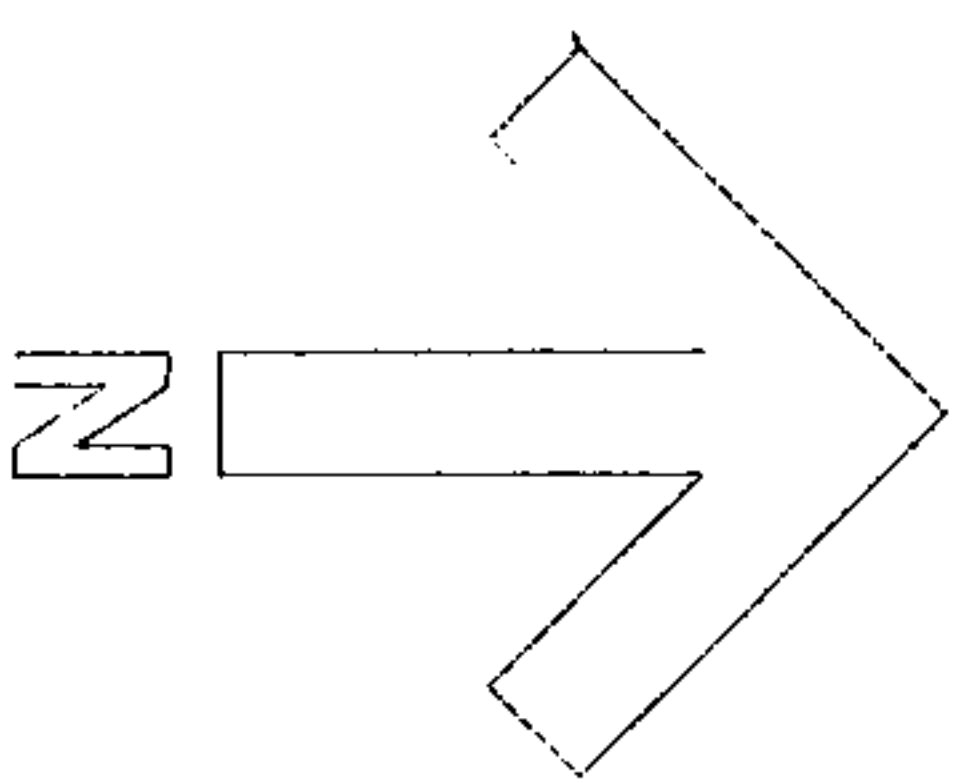
Signature of Engineer or Architect

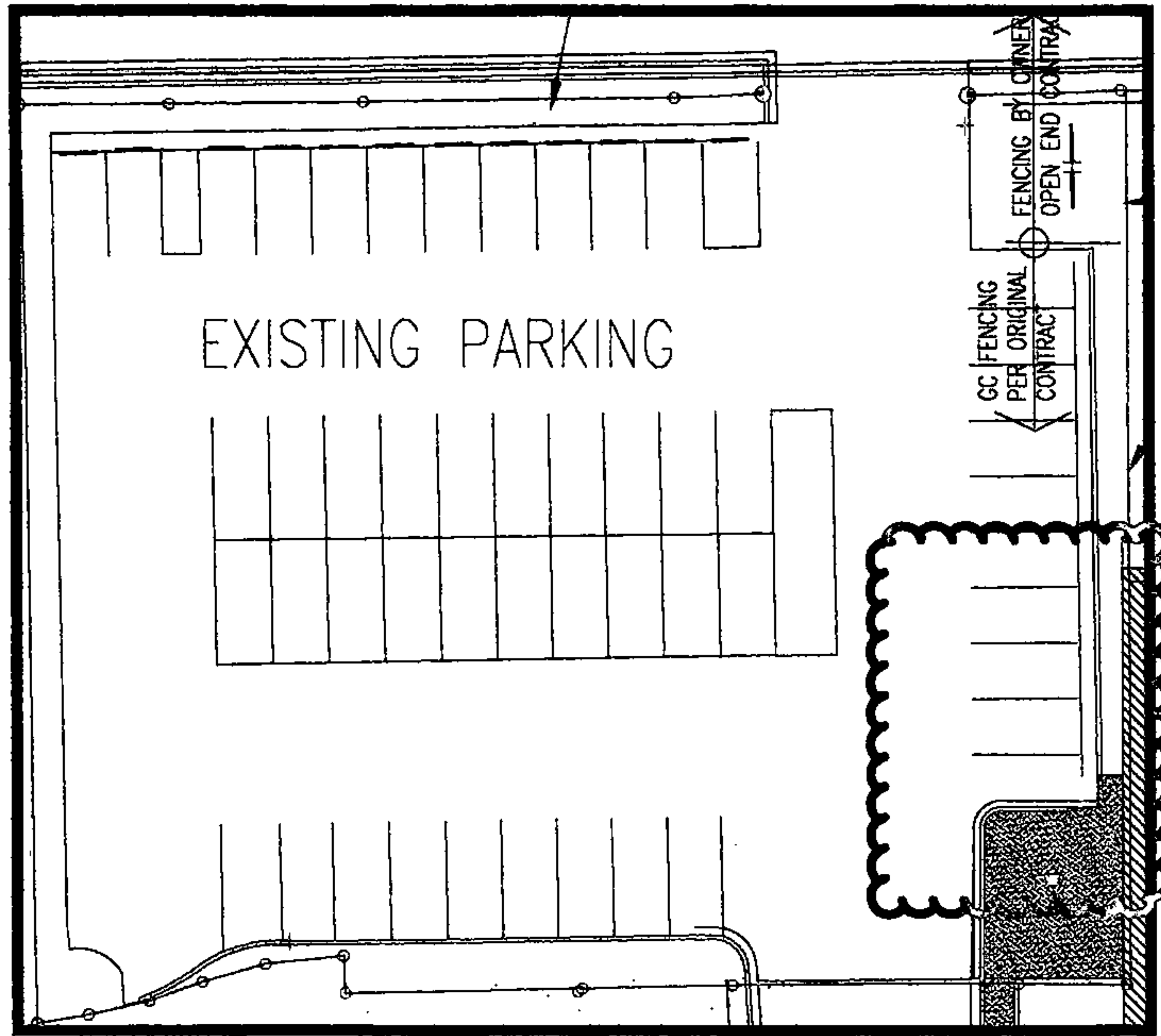
January 12, 2017

Date

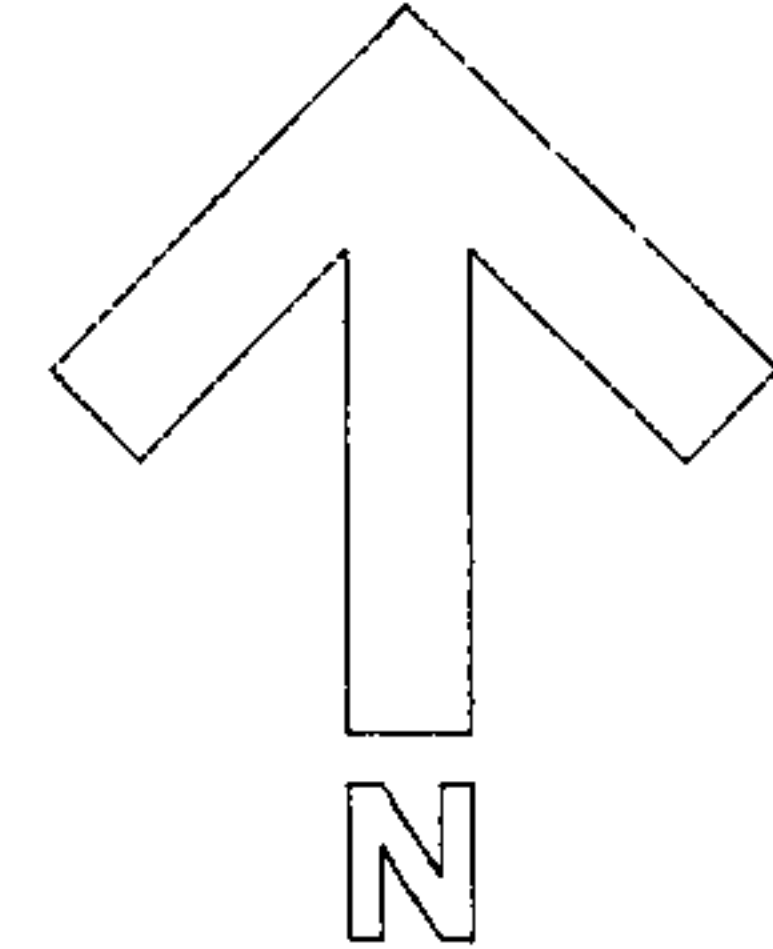


RFI-144

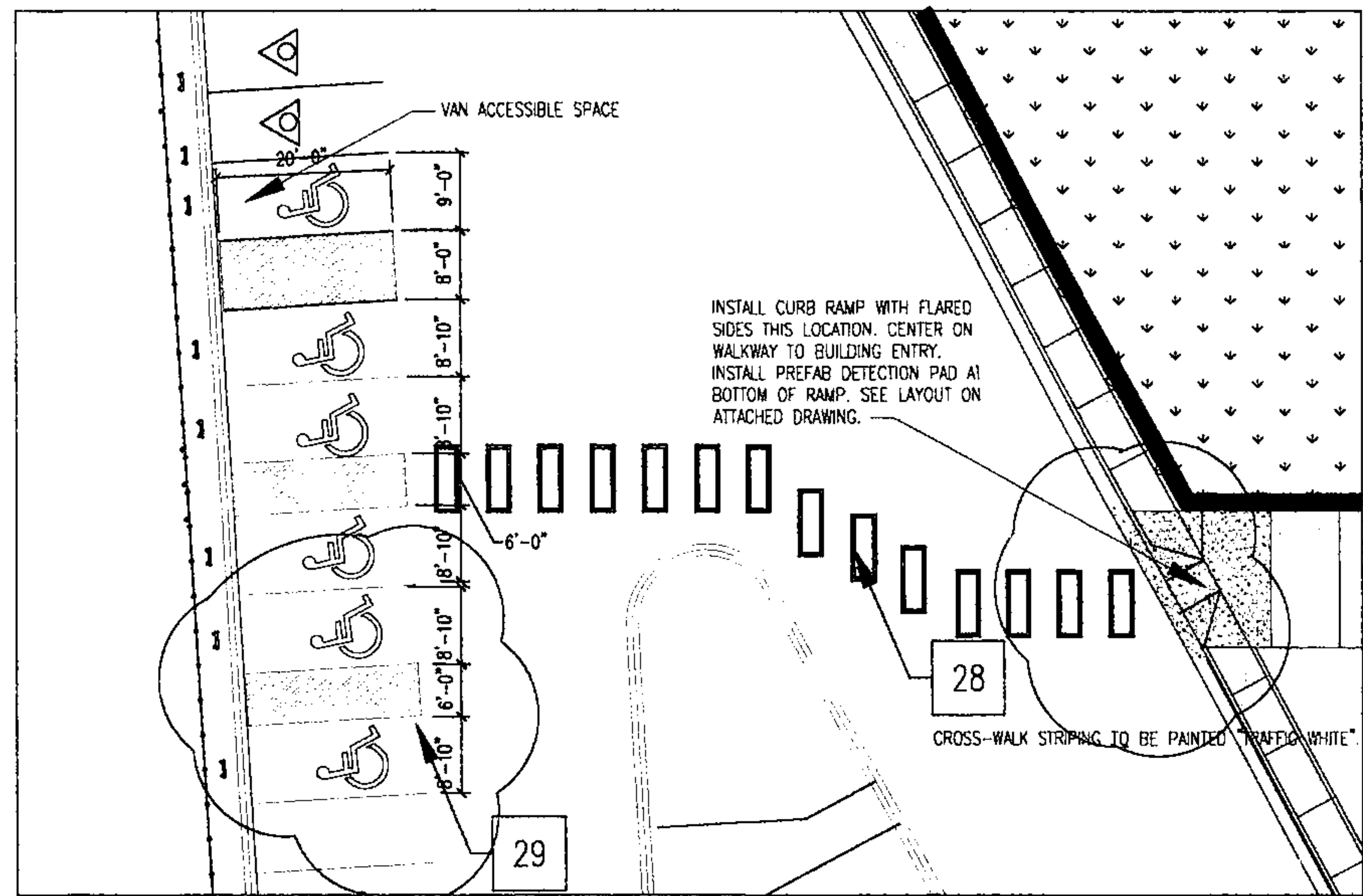




ASI-042



RECEIVED
JAN 24 2017
LAND DEVELOPMENT SECTION

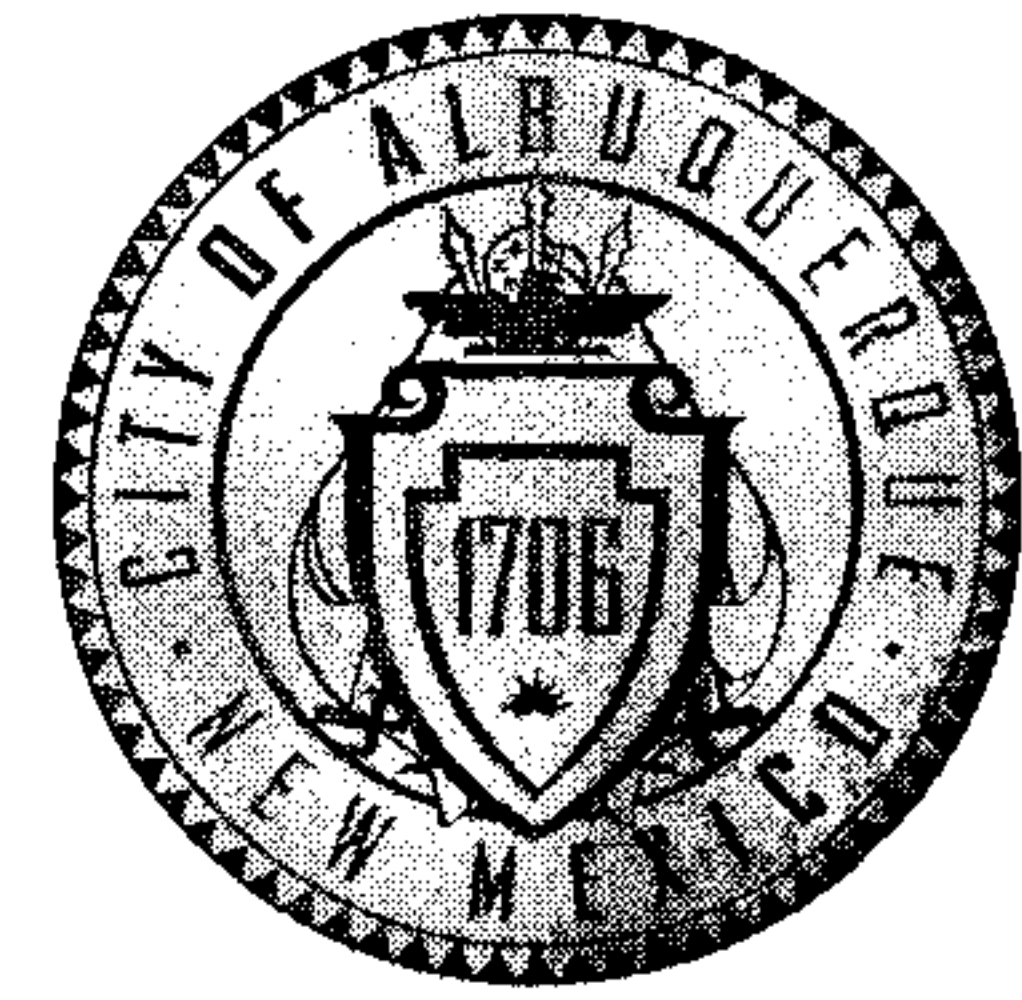


10/26/16 REVISION C42.2: WEST PARKING AREA-INCREASE THE WIDTH OF ONE ACCESSIBLE PARKING SPACE TO 9'-0" TO ALLOW FOR VAN ACCESSIBLE SPACE WITH VAN ACCESSIBLE SIGNAGE, STRIPING, DIAGONAL STRIPING AT AISLES AND "INTERNATIONAL SIGN OF ACCESSIBILITY" TO BE PAINTED BLUE.

AZTEC SPECIAL EDUCATION FACILITY
DEMOLITION AND SITE IMPROVEMENTS
2611 Eubank Blvd. Albuquerque, New Mexico 87112

Westwork
ARCHITECTS
PO BOX 1302
ALBUQUERQUE, NEW MEXICO 87104-0921
505.244.5251 FAX: 505.251.2001

CITY OF ALBUQUERQUE



February 3, 2017

J. Graeme Means, PE
High Mesa Consulting Group
6010 -B Midway Park Blvd NE
Albuquerque, NM 87109

**Re: Aztec Special Education Facility
2611 Eubank Blvd NE
Request Permanent C.O. - Accepted
Engineer's Stamp dated: 7/31/2015 (H20D033)
Certification dated: 1-18-17**

Dear Mr. Means,

Based on the Certification received 2/2/2017, the site is acceptable for release of Certificate of Occupancy by Hydrology.

If you have any questions, you can contact me at 924-3999 or Totten Elliott at 924-3982.

Sincerely,

Shahab Biazar, P.E.
City Engineer, Planning Dept.
Development Review Services

TE/SB

C: email,

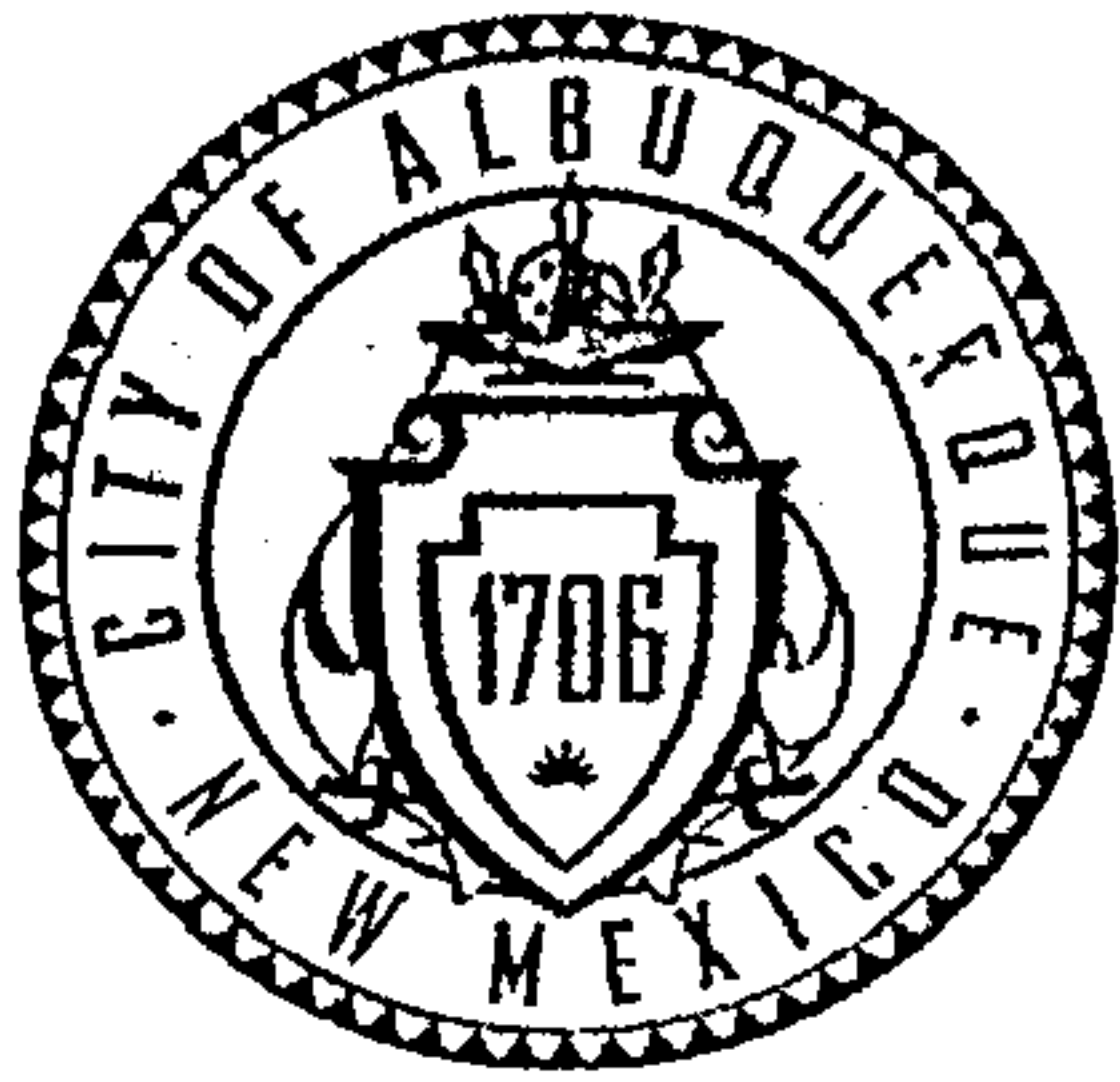
Cordova, Camille C.; Miranda, Rachel; Sandoval, Darlene M.;
Lois Blocker

PO Box 1293

Albuquerque

New Mexico 87103

www.cabq.gov



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09/2015)

Project Title: AZTEC SPECIAL EDUCATION FACILITY - Phase 1 Building Permit #: _____ City Drainage #: H20 D033

DRB#: _____ EPC#: _____ Work Order#: _____

Legal Description: TRACTS E AND F, LANDS OF BOARD OF EDUCATION, AZTEC ELEM. SCHOOL

City Address: 2611 EUBANK BLVD NE, ALBUQUERQUE NM 87110

Engineering Firm: High Mesa Consulting Group Contact: Graeme Means #13676

Address: 6010-B Midway Park Blvd NE, Albuquerque NM 87109

Phone#: 505-345-4250 Fax#: 505-345-4254 E-mail: gmeans@highmesecg.com

Owner: Albuquerque Public Schools Contact: Annelle Darby

Address: 915 Oak Street SE, 87106

Phone#: 884-5252 Fax#: _____ E-mail: annelle.darby@aps.edu

Architect: Westwork Architects Contact: Cindy Mohler

Address: PO Box 10921, Albuquerque NM 87184

Phone#: 505-764-8306 Fax#: _____ E-mail: westwork@swcp.com

Other Contact: _____ Contact: _____

Address: _____

Phone#: _____ Fax#: _____ E-mail: _____

Check all that Apply:

DEPARTMENT:

- ☒ HYDROLOGY/ DRAINAGE
☐ TRAFFIC/ TRANSPORTATION
☐ MS4/ EROSION & SEDIMENT CONTROL

TYPE OF SUBMITTAL:

- ☒ ENGINEER/ ARCHITECT CERTIFICATION

☐ CONCEPTUAL G & D PLAN

☐ GRADING PLAN

☐ DRAINAGE MASTER PLAN

☐ DRAINAGE REPORT

☐ CLOMR/LOMR

☐ TRAFFIC CIRCULATION LAYOUT (TCL)

☐ TRAFFIC IMPACT STUDY (TIS)

☐ EROSION & SEDIMENT CONTROL PLAN (ESC)

☐ OTHER (SPECIFY) _____

IS THIS A RESUBMITTAL?: ☒ Yes ☐ No

DATE SUBMITTED: 02-02-17

By: Justin Schara

CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

- ☐ BUILDING PERMIT APPROVAL
☒ CERTIFICATE OF OCCUPANCY

☐ PRELIMINARY PLAT APPROVAL

☐ SITE PLAN FOR SUB'D APPROVAL

☐ SITE PLAN FOR BLDG. PERMIT APPROVAL

☐ FINAL PLAT APPROVAL

☐ SIA/ RELEASE OF FINANCIAL GUARANTEE

☐ FOUNDATION PERMIT APPROVAL

☐ GRADING PERMIT APPROVAL

☐ SO-19 APPROVAL

☐ PAVING PERMIT APPROVAL

☐ GRADING/ PAD CERTIFICATION

☐ WORK ORDER APPROVAL

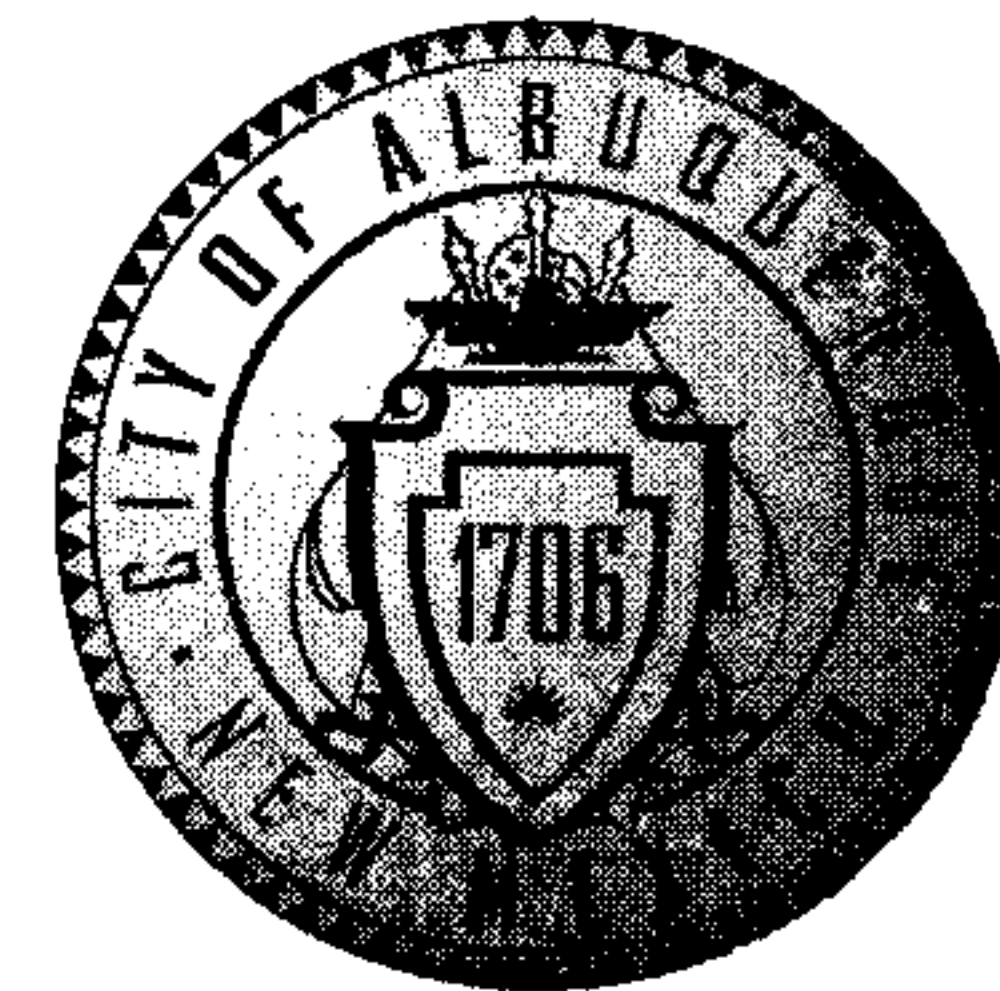
☐ CLOMR/LOMR

☐ PRE-DESIGN MEETING

☐ OTHER (SPECIFY) _____

COA STAFF: _____ ELECTRONIC SUBMITTAL RECEIVED: _____

CITY OF ALBUQUERQUE



January 24, 2017

J. Graeme Means, PE
High Mesa Consulting Group
6010 -B Midway Park Blvd NE
Albuquerque, NM 87109

**Re: Aztec Special Education Facility
2611 Eubank Blvd NE
Request 30-Day Temporary C.O. – Accepted
Engineer's Stamp dated: 7/31/2015 (H20D033)
Certification dated: 1-18-17**

Dear Mr. Means

Based on the Certification received 1/17/2017, the above referenced is approved for a 30-day Temporary Release of Occupancy by Hydrology. However, before a permanent CO can be accepted the following comments must be addressed.

PO Box 1293

- Note #7 - 2' curb opening is missing.
- Submit approved engineer stamp drawings with stamp dates 7-31-15 and 8-31-15.

Albuquerque

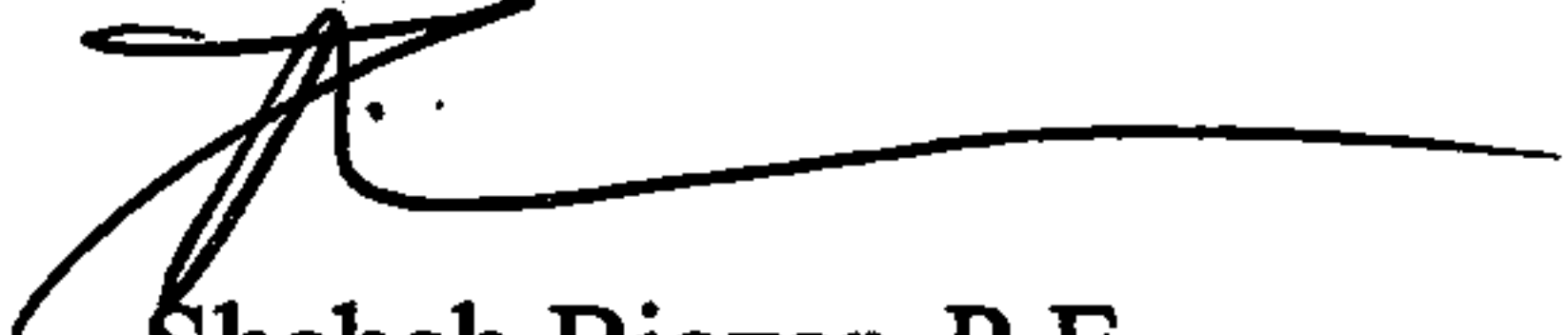
An inspection by our office will need to take place after these corrects are made.

If you have any questions, you can contact me at 924-3999 or Totten Elliott at 924-3982.

New Mexico 87103

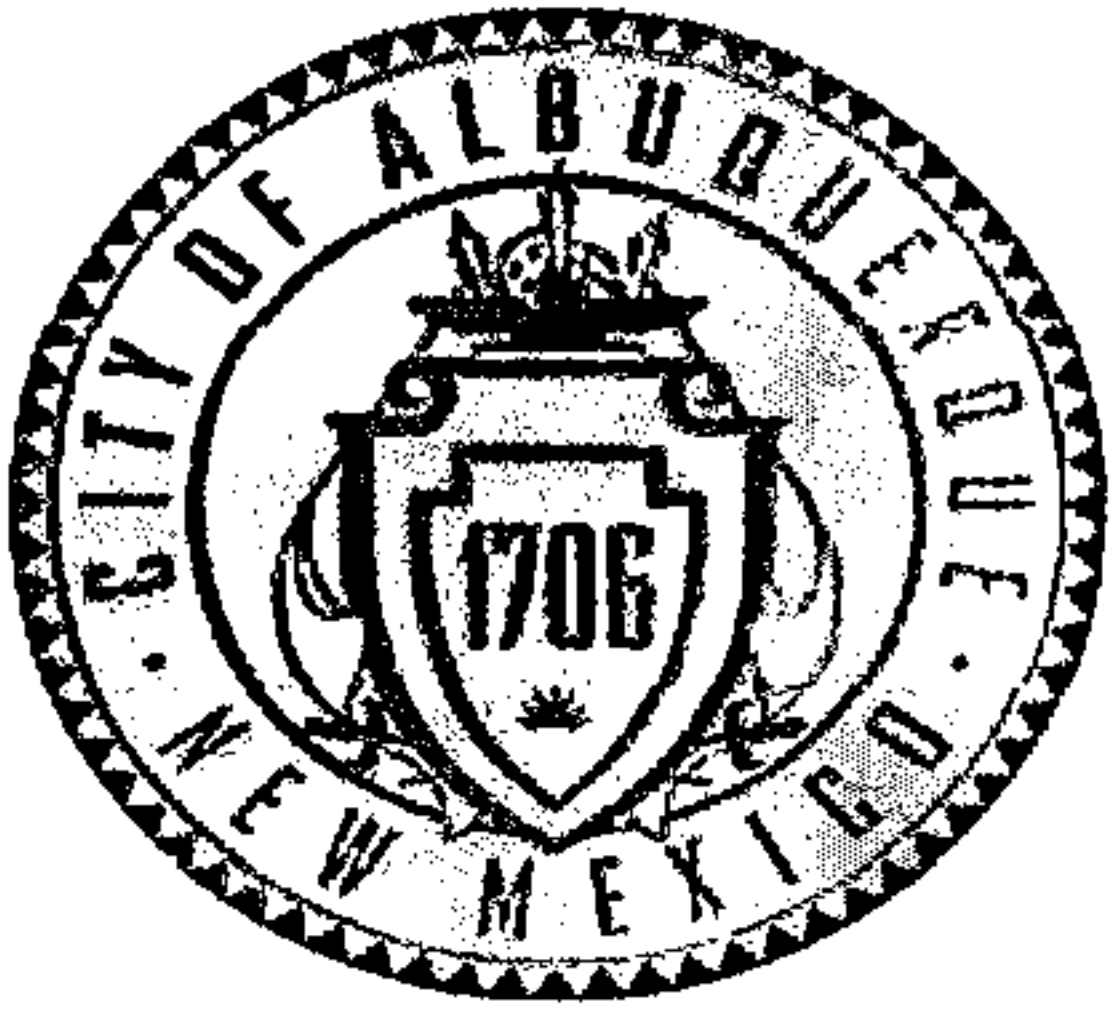
Sincerely,

www.cabq.gov


Shahab Biazar, P.E.
City Engineer, Planning Dept.
Development Review Services

TE/SB
C: email

Cordova, Camille C.; Miranda, Rachel; Sandoval, Darlene M.; Lois Blocker



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09/2015)

Project Title: AZTEC SPECIAL EDUCATION FACILITY - Phase 1 Building Permit #: _____ City Drainage #: H20 D033
DRB#: _____ EPC#: _____ Work Order#: _____
Legal Description: TRACTS E AND F, LANDS OF BOARD OF EDUCATION, AZTEC ELEM. SCHOOL
City Address: 2611 EUBANK BLVD NE, ALBUQUERQUE NM 87110

Engineering Firm: High Mesa Consulting Group Contact: Graeme Means #13676
Address: 6010-B Midway Park Blvd NE, Albuquerque NM 87109
Phone#: 505-345-4250 Fax#: 505-345-4254 E-mail: gmeans@highmescg.com

Owner: Albuquerque Public Schools Contact: Annelle Darby
Address: 915 Oak Street SE, 87106
Phone#: 884-5252 Fax#: _____ E-mail: annelle.darby@aps.edu

Architect: Westwork Architects Contact: Cindy Mohler
Address: PO Box 10921, Albuquerque NM 87184
Phone#: 505-764-8306 Fax#: _____ E-mail: westwork@swcp.com

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

Check all that Apply:

DEPARTMENT:

☒ HYDROLOGY/ DRAINAGE
☐ TRAFFIC/ TRANSPORTATION
☐ MS4/ EROSION & SEDIMENT CONTROL

TYPE OF SUBMITTAL:

☒ ENGINEER/ ARCHITECT CERTIFICATION
☐ LAND DEVELOPMENT SECTION

☐ CONCEPTUAL G & D PLAN
☐ GRADING PLAN
☐ DRAINAGE MASTER PLAN
☐ DRAINAGE REPORT
☐ CLOMR/LOMR

☐ TRAFFIC CIRCULATION LAYOUT (TCL)
☐ TRAFFIC IMPACT STUDY (TIS)
☐ EROSION & SEDIMENT CONTROL PLAN (ESC)

☐ OTHER (SPECIFY) _____

IS THIS A RESUBMITTAL?: ☐ Yes ☒ No

DATE SUBMITTED: 01-18-17 By: Justin Schara

CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

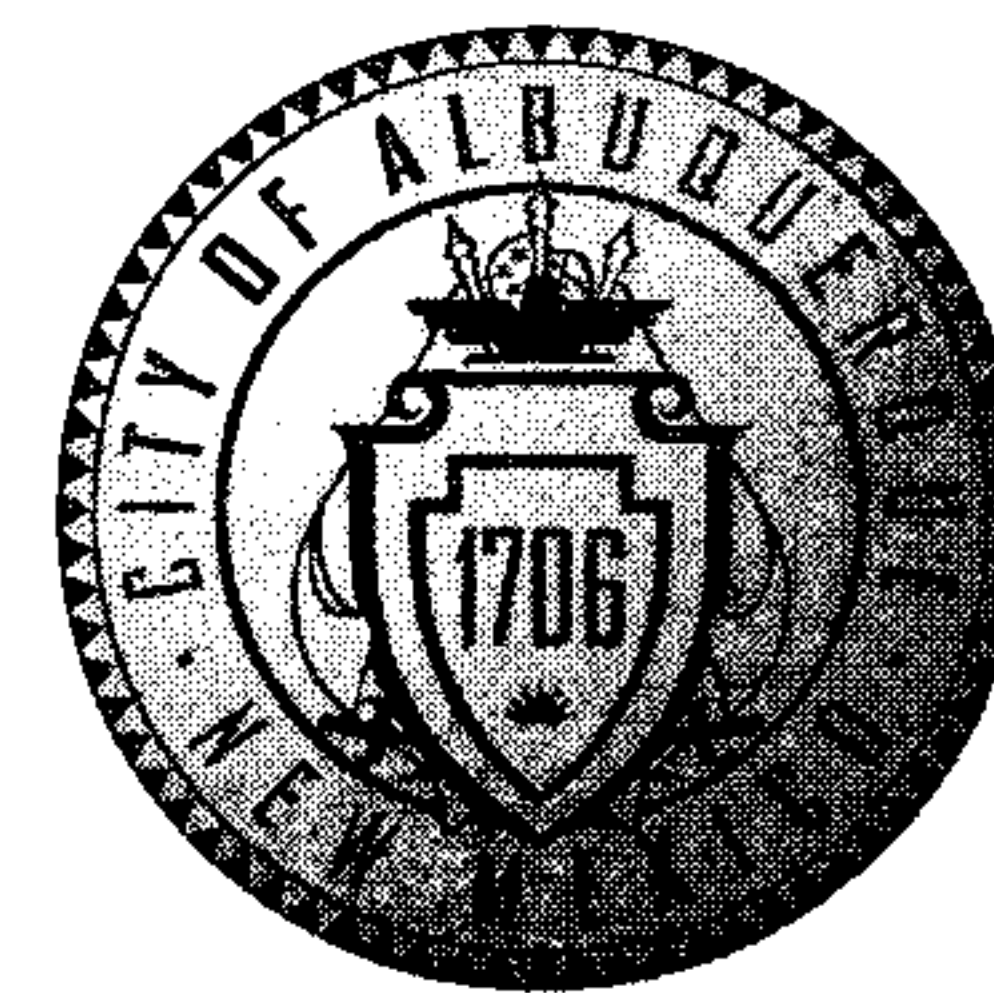
☐ BUILDING PERMIT APPROVAL
☒ CERTIFICATE OF OCCUPANCY

☐ PRELIMINARY PLAT APPROVAL
☐ SITE PLAN FOR SUB'D APPROVAL
☐ SITE PLAN FOR BLDG. PERMIT APPROVAL
☐ FINAL PLAT APPROVAL
☐ SIA/ RELEASE OF FINANCIAL GUARANTEE
☐ FOUNDATION PERMIT APPROVAL
☐ GRADING PERMIT APPROVAL
☐ SO-19 APPROVAL
☐ PAVING PERMIT APPROVAL
☐ GRADING/ PAD CERTIFICATION
☐ WORK ORDER APPROVAL
☐ CLOMR/LOMR

☐ PRE-DESIGN MEETING
☐ OTHER (SPECIFY) _____

COA STAFF: _____ ELECTRONIC SUBMITTAL RECEIVED: _____

CITY OF ALBUQUERQUE



December 27, 2016

Richard J. Berry, Mayor

J. Graeme Means, P.E.
High Mesa Consulting Group
610-B Midway Park Blvd NE
Albuquerque, NM, 87109

**RE: Aztec Special Education Facility
Grading and Drainage Plan
Engineer's Stamp Date 12-15-2016 (File: H20D033)**

Dear Mr. Means:

Based upon the information provided in your submittal received 12-15-2016, the above referenced Grading and Drainage Plan is approved for Grading Permit, Building Permit and Paving Permit. Please note the following:

- PO Box 1293
- Albuquerque
- Pond fence is recommended.
 - When submitting the certification, make sure the lower level elevation for the building in the south east is showing.
 - An update ESC Plan and ESC Grading Permit will be required. However, coordinate with Curtis Cherne, the Storm water Quality Engineer (505-924-3420), prior to construction.

New Mexico 87103

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

www.cabq.gov

Sincerely,

Abiel Carrillo, P.E.
Principal Engineer, Planning Department
Development Review Services

MA/AC



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09/2015)

Project Title: AZTEC SPECIAL EDUCATION FACILITY Building Permit #: _____ City Drainage #: H20 D033

DRB#: _____ EPC#: _____ Work Order#: _____

Legal Description: TRACTS E AND F, LANDS OF BOARD OF EDUCATION, AZTEC ELEM. SCHOOL

City Address: 2611 EUBANK BLVD NE, ALBUQUERQUE NM 87110

Engineering Firm: High Mesa Consulting Group

Contact: Graeme Means #13676

Address: 6010-B Midway Park Blvd NE, Albuquerque NM 87109

Phone#: 505-345-4250

Fax#: 505-345-4254

E-mail: gmeans@highmescg.com

Owner: Albuquerque Public Schools

Contact: Annelle Darby

Address: 915 Oak Street SE, 87106

Phone#: 884-5252

Fax#: _____

E-mail: annelle.darby@aps.edu

Architect: Westwork Architects

Contact: Cindy Mohler

Address: PO Box 10921, Albuquerque NM 87184

Phone#: 505-764-8306

Fax#: _____

E-mail: westwork@swcp.com

Other Contact: _____

Contact: _____

Address: _____

Phone#: _____

Fax#: _____

E-mail: _____

Check all that Apply:

DEPARTMENT:

- ☒ HYDROLOGY/ DRAINAGE
☐ TRAFFIC/ TRANSPORTATION
☐ MS4/ EROSION & SEDIMENT CONTROL

TYPE OF SUBMITTAL:

- ☐ ENGINEER/ ARCHITECT CERTIFICATION
☐ CONCEPTUAL G & D PLAN
☒ GRADING PLAN
☐ DRAINAGE MASTER PLAN
☐ DRAINAGE REPORT
☐ CLOMR/LOMR

☐ TRAFFIC CIRCULATION LAYOUT (TCL)
☐ TRAFFIC IMPACT STUDY (TIS)
☐ EROSION & SEDIMENT CONTROL PLAN (ESC)

☐ OTHER (SPECIFY) _____

CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

- ☐ BUILDING PERMIT APPROVAL
☐ CERTIFICATE OF OCCUPANCY

☐ PRELIMINARY PLAT APPROVAL
☐ SITE PLAN FOR SUB'D APPROVAL
☐ SITE PLAN FOR BLDG. PERMIT APPROVAL
☐ FINAL PLAT APPROVAL
☐ SIA/ RELEASE OF FINANCIAL GUARANTEE
☐ FOUNDATION PERMIT APPROVAL
☒ GRADING PERMIT APPROVAL
☐ SO-19 APPROVAL
☒ PAVING PERMIT APPROVAL
☐ GRADING/ PAD CERTIFICATION
☐ WORK ORDER APPROVAL
☐ CLOMR/LOMR

☐ PRE-DESIGN MEETING
☐ OTHER (SPECIFY) _____

IS THIS A RESUBMITTAL?: ☒ Yes ☐ No

DATE SUBMITTED: 12-15-16

By: Justin Schara

COA STAFF: _____ ELECTRONIC SUBMITTAL RECEIVED: _____

CITY OF ALBUQUERQUE



October 2, 2015

Graeme Means, P.E.
High Mesa Consulting Group
6010-B Midway Park Blvd NE
Albuquerque, New Mexico 87109

**RE: Aztec Special Education Facility
2611 Eubank NE
Grading and Drainage Plan
Engineer's Stamp Date 7-31-2015 (H20D033)**

Dear Mr. Means,

Based upon the information provided in your submittal received 9/1/15, this plan dated 7/31/15 is acceptable for Paving Permit and Building Permit. Before building permit approval, an Erosion and Sediment Control Plan (ESC) must be submitted and accepted.

PO Box 1293

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

Albuquerque

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

New Mexico 87103

If you have any questions, please contact me at 924-3999 or Rudy Rael at 924-3977.

www.cabq.gov

Sincerely,

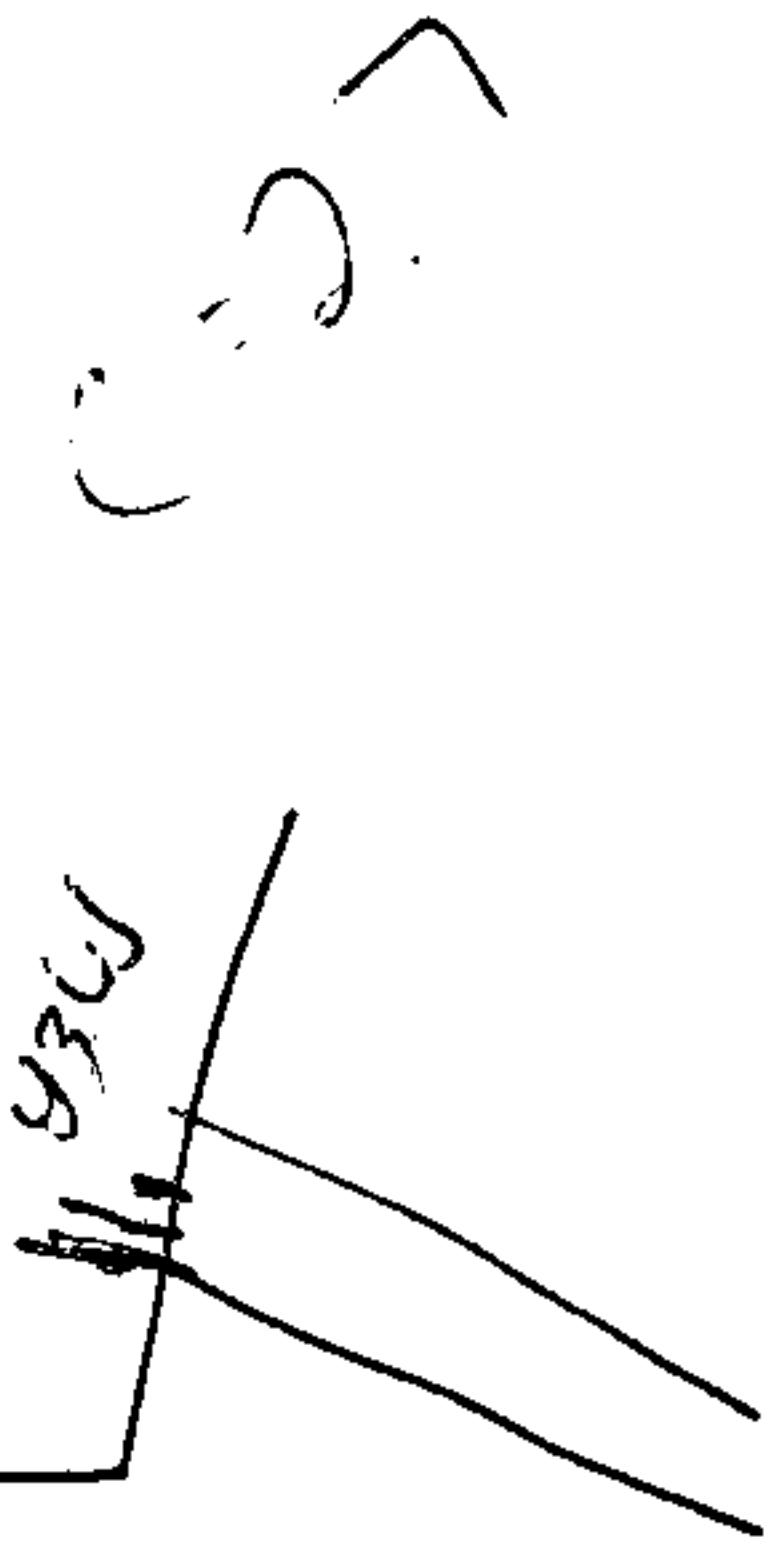
Shahab Biazar, P.E.
City Engineer, Planning Dept.
Development Review Services

C: e-mail

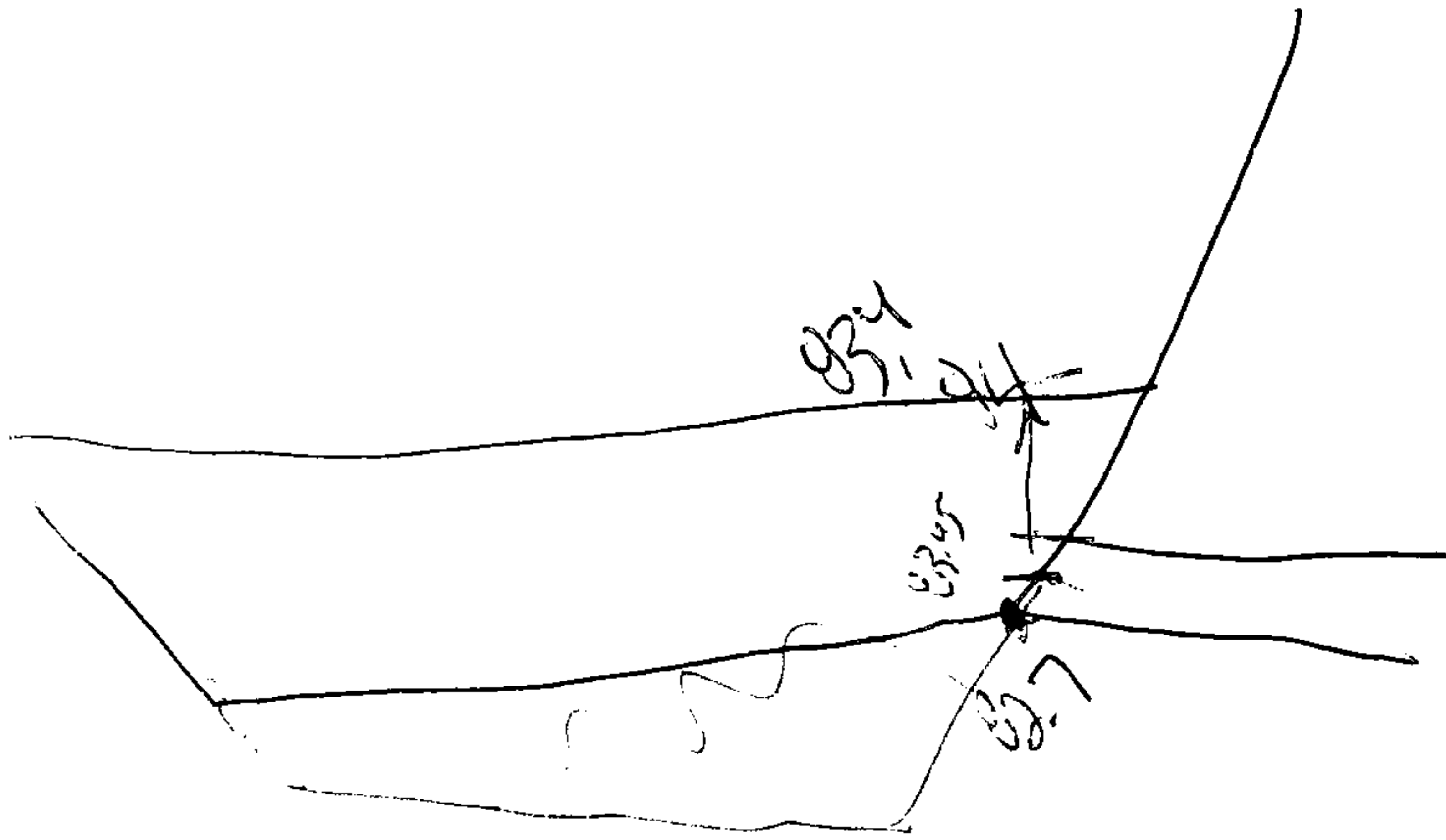
RR/SB
C: File

$\frac{60.15}{\text{Minimum}} \rightarrow$

$$\begin{aligned}
 Q &= CLH \\
 &= 27 \times 2.4 \times 5 \\
 &= 23 \text{ cfs}
 \end{aligned}$$



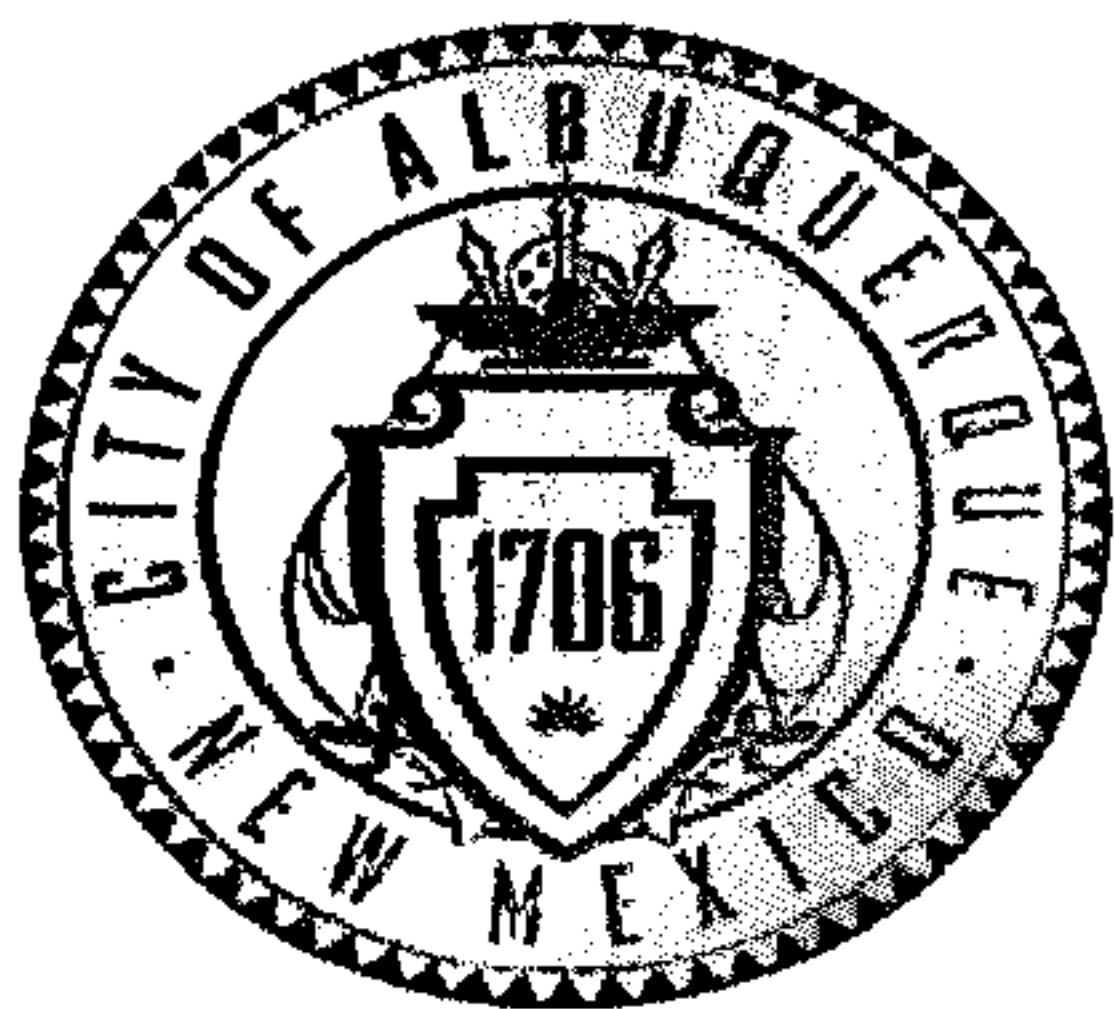
$$\begin{aligned}
 h &= 84 - 83.45 \\
 &= 0.55
 \end{aligned}$$



$$\begin{array}{r}
 83.45 \\
 - 83.4 \\
 \hline
 0.05
 \end{array}$$

82.7 \rightarrow 83.4

$$\begin{array}{r}
 82.7 \\
 + 0.75 \\
 \hline
 83.45
 \end{array}$$



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Project Title: AZTEC SPECIAL EDUCATION FACILITY Building Permit #: _____ City Drainage #: H20 D033

DRB#: _____ EPC#: _____ Work Order#: _____

Legal Description: TRACTS E AND F, LANDS OF BOARD OF EDUCATION, AZTEC ELEM. SCHOOL

City Address: 2611 EUBANK BLVD NE, ALBUQUERQUE NM 87110

Engineering Firm: High Mesa Consulting Group Contact: Graeme Means #13676

Address: 6010-B Midway Park Blvd NE, Albuquerque NM 87109

Phone#: 505-345-4250 Fax#: 505-345-4254 E-mail: gmeans@highmesacg.com

Owner: Albuquerque Public Schools Contact: Annelle Darby

Address: 915 Oak Street SE, 87106

Phone#: 848-8829 Fax#: _____ E-mail: annelle.darby@aps.edu

Architect: Westwork Architects Contact: Mark DePree

Address: PO Box 10921, Albuquerque NM 87184

Phone#: 884-5252 Fax#: 884-5255 E-mail: westwork@swcp.com

Surveyor: High Mesa Consulting Group Contact: Chuck Cala NMPS#11184

Address: 6010-B Midway Park Blvd NE, Albuquerque NM 87109

Phone#: 505-345-4250 Fax#: 505-345-4254 E-mail: ccala@highmesacg.com

Contractor: To be selected Contact: _____

Address: _____

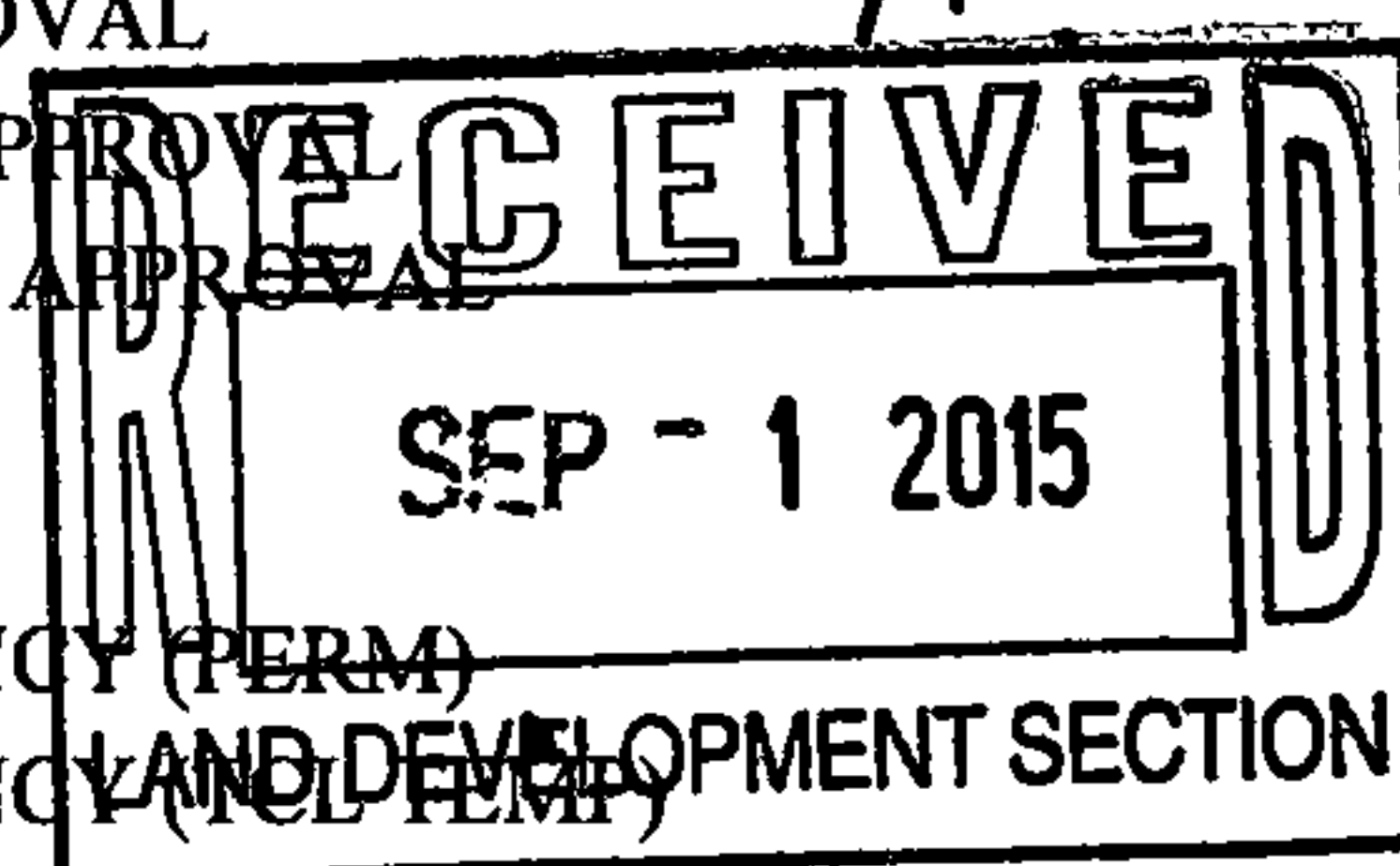
Phone#: _____ Fax#: _____ E-mail: _____

TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT (DMP)
☐ 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 PERM)
☐ 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 (DMP) _____



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

DATE SUBMITTED: 08-31-2015 By: Graeme Means

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

HIGH MESA Consulting Group

2014.037.1

August 31, 2015

Jeanne Wolfenbarger, P.E.
Senior Engineer
Development & Building Services Division
City of Albuquerque Planning Department
600 Second Street NW
Albuquerque, NM 87102

Re: Aztec Special Education Complex, 2611 Eubank NE (H20-D033)

Dear Jeanne:

Transmitted herewith is our resubmittal of the subject project. Please note that the engineer's stamp date on the cover changed to 07/31/2015 on the cover and detail sheets with a revision date of 8/31/2015 on the two grading plan sheets. The 7/31 date was required because the package was re-issued for bidding, and the most recent 8/31 date on the two grading plan sheets revised the inlet sizing. Sorry for any confusion. The re-issued set changed the base bid to be the east building, as opposed to the larger building that was the base bid in our original submittal.

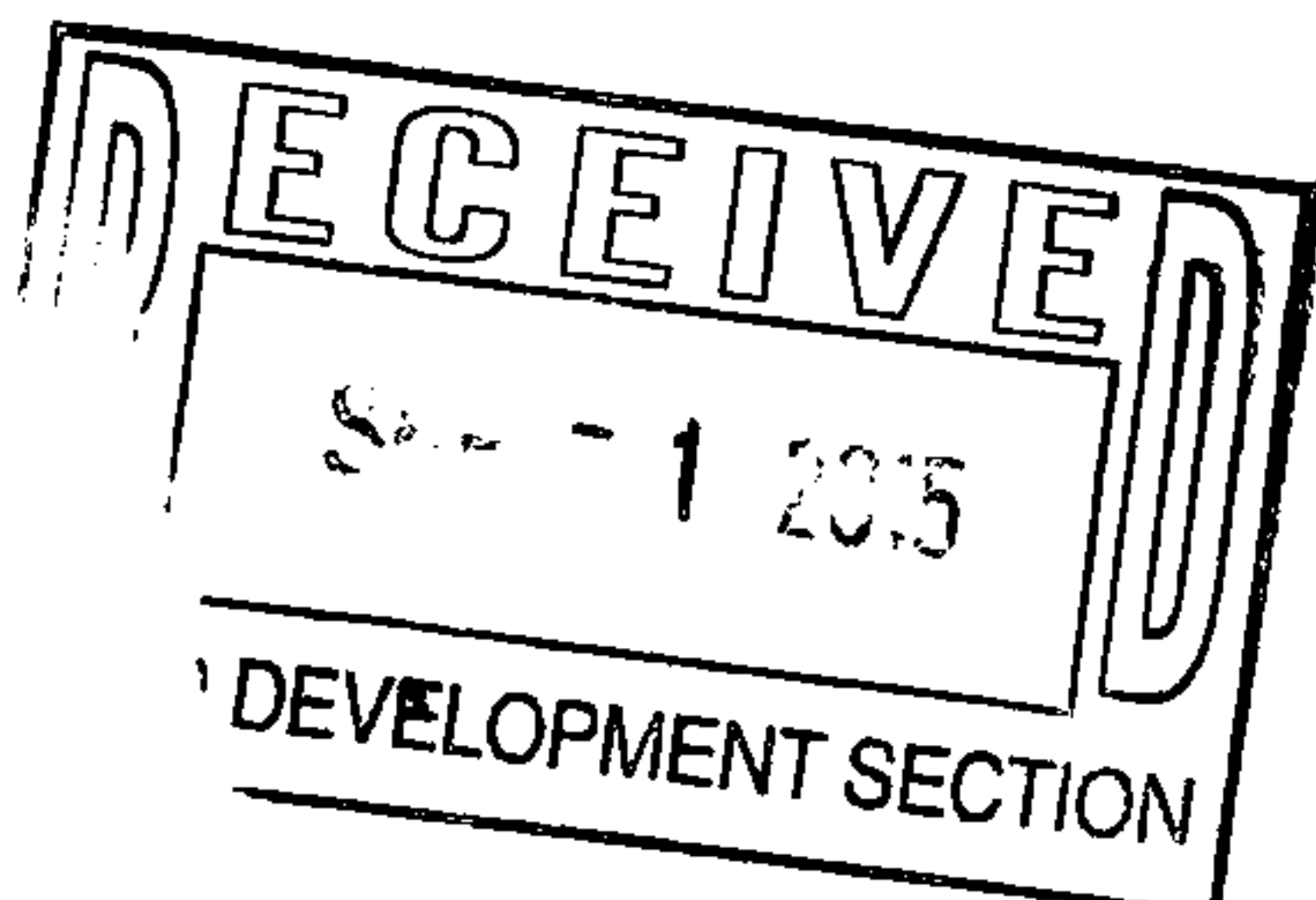
This resubmittal addresses your comments dated 6/2/2015 as follows:


- AHYMO input and output files are provided
- Roof drain locations are shown on the grading plans
- Inlet capacity calculations are provided (printouts referenced to the attached plan excerpt)

If you should have any questions or comments concerning this resubmittal, or if you should need any additional information, please do not hesitate to call.

Sincerely,

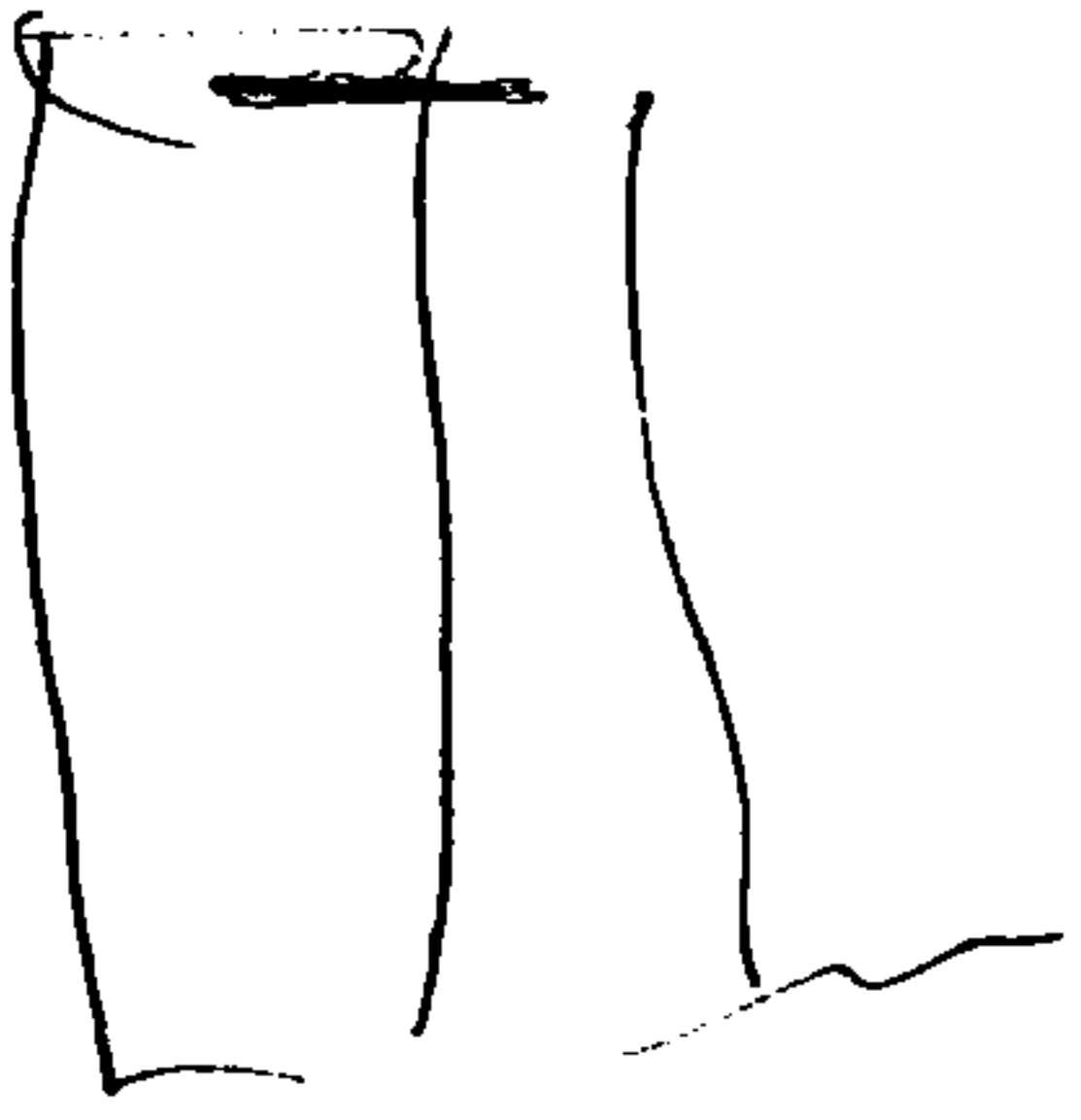
HIGH MESA CONSULTING GROUP




J. Graeme Means, P.E.
Principal

GM:*

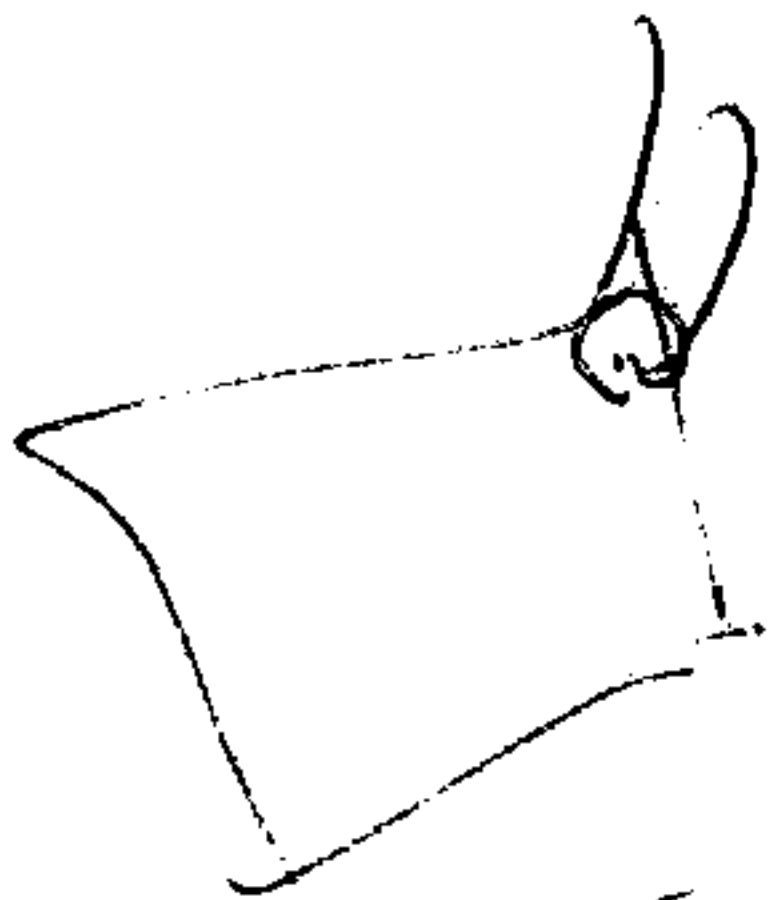
Principals: Jeffrey G. Mortensen, P.E. • Charles G. Cala, Jr., P.S. • Juan M. Cala
Joseph M. Solomon, Jr., P.S. • J. Graeme Means, P.E. • Joseph E. Gonzales



$$Q = 0.6 \sqrt{2} = 0.85$$

$$Q = 0.6 \sqrt{2} = 0.85$$

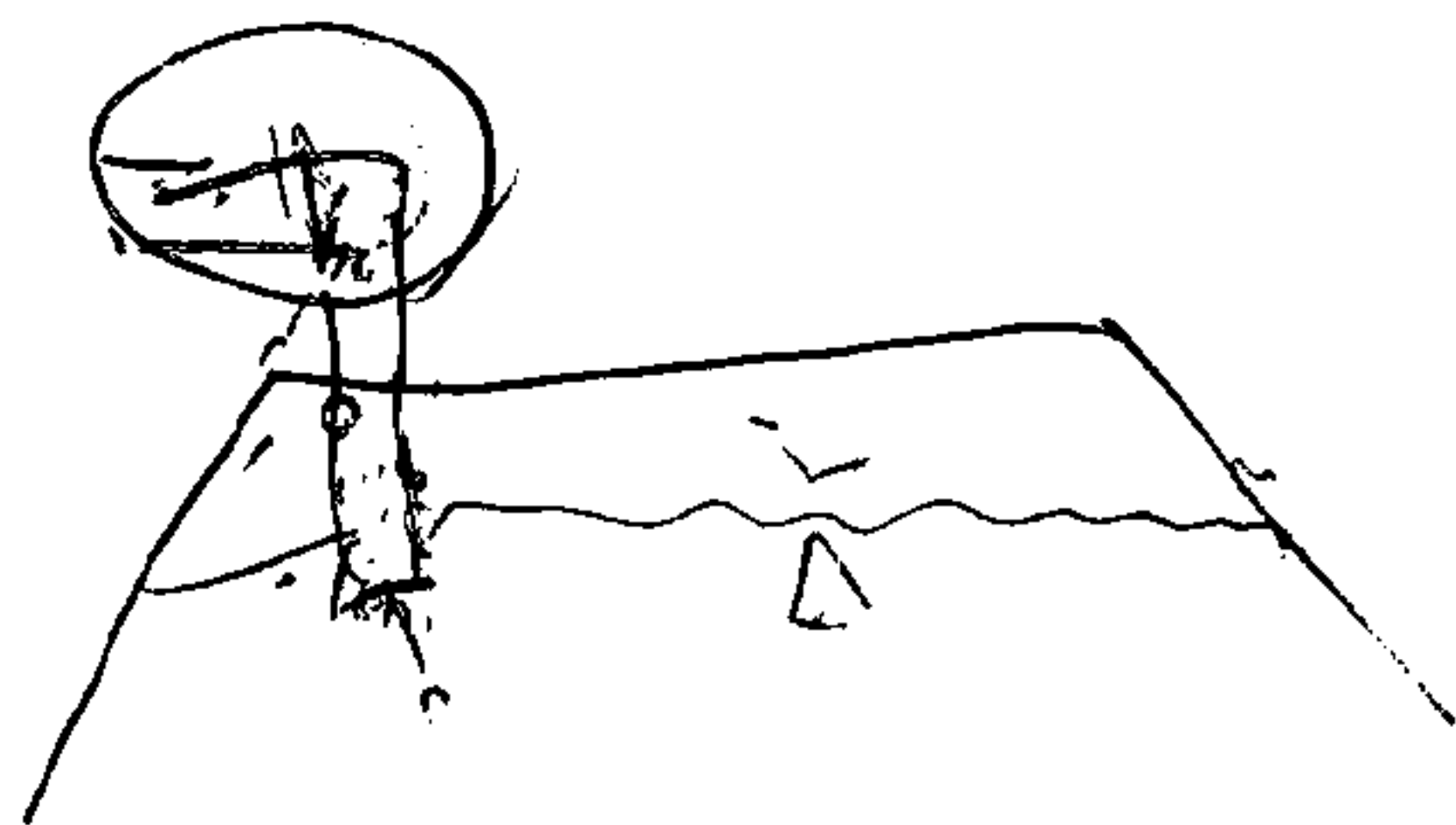
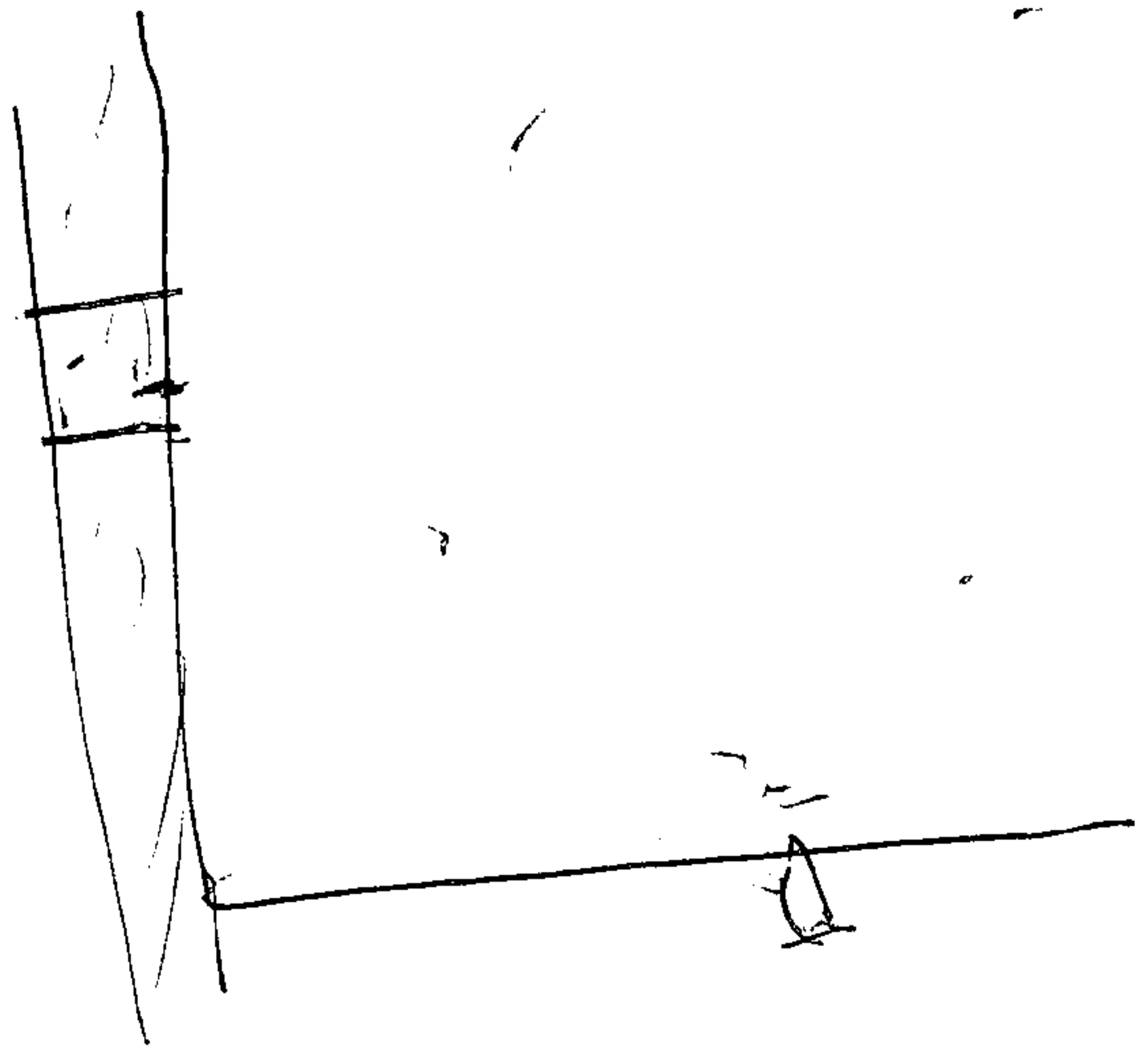
$$Q = 0.6 \sqrt{2} = 0.85$$



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$$Q = 0.6 \sqrt{2} = 0.85$$

2014.037.1 IN 5_1

*2345678901234567890

*

* 100 year, 24 hour storm

*

* HMCJ JOB NUMBER 2014.037.1

* Aztec Complex, Special Education FACILITY

*

*

START TIME = 0.0 HR PUNCH CODE = 0 PRINT LINES = -1

*

* RAINFALL DATA FROM NOAA Atlas 14, Volume 1, Version 5

*

RAINFALL TYPE = 1 RAIN QUARTER = 0.0
RAIN ONE = 1.80 IN RAIN SIX = 2.31 IN
RAIN DAY = 2.62 IN DT = 0.05

*

* COMPUTE EXISTING 100-YEAR PEAK RATE AND VOLUME OF RUNOFF

*

* BASIN A

*

COMPUTE NM HYD ID = 1 HYD NO = BASIN_A AREA = 0.015873 SQ MI
PER A = 0 PER B = 28 PER C = 28 PER D = 44
TP = -0.03715 HRS MASS RAIN = -1

PRINT HYD ID = 1 CODE = 1

*

*

* ROUTE THROUGH DETENTION BASIN

*

ROUTE RESERVOIR	ID = 2	HYD NO =	OUTFLOW	INFLOW	ID = 1	CODE = 12
	OUTFLOW (CFS)		STORAGE (AC FT)		ELEV(FT)	
	0		0		5481.2	
	0.01		0.3081		5482.0	
	0.02		0.6763		5482.7	
	0.03		0.8492		5483.0	
	5.5		1.3813		5484.0	
	11.1		2.1593		5485.0	

*

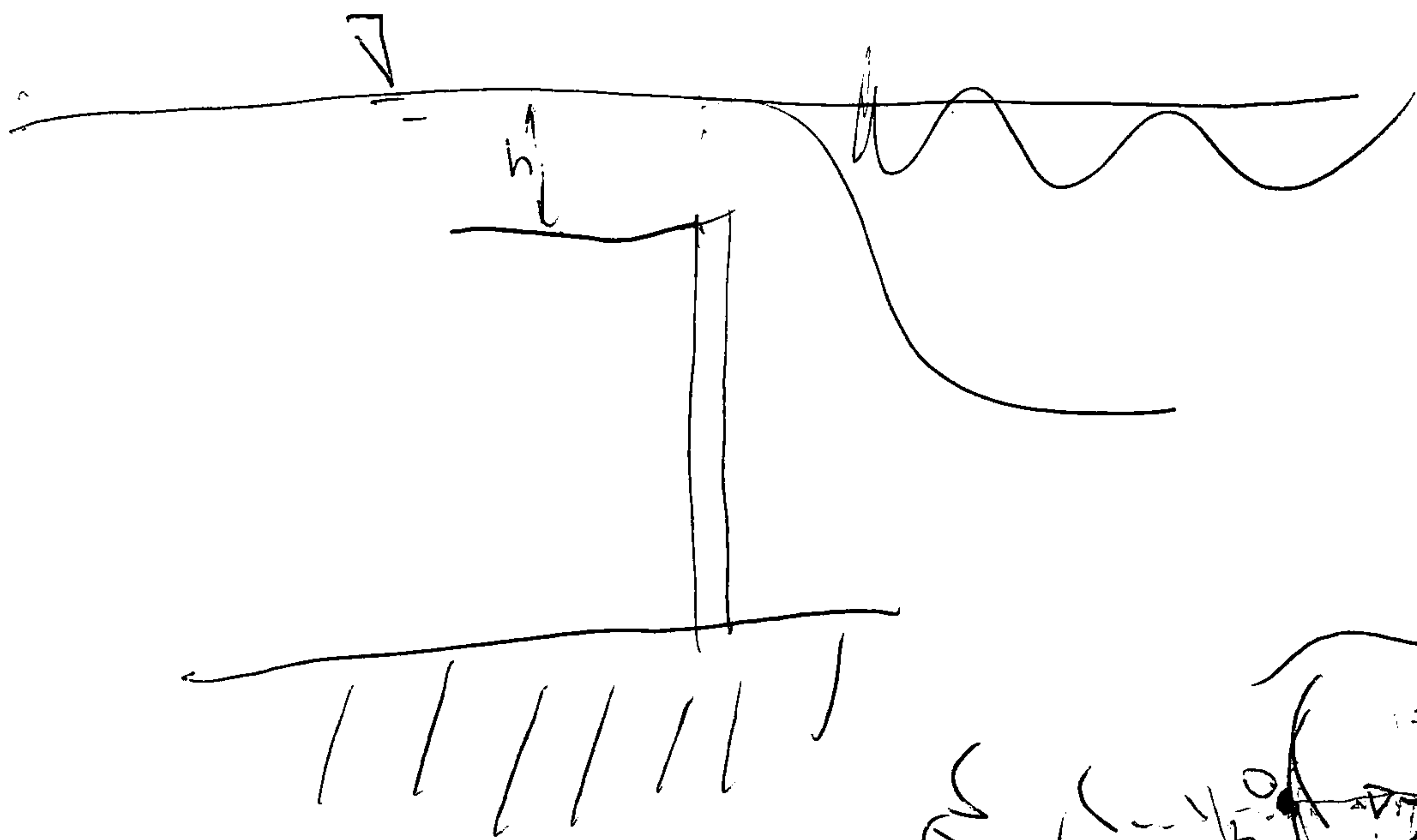
*

PRINT HYD ID = 2 CODE = 1

*

FINISH

Handwritten signature and date 4/2/14



$$C = 2\pi r$$

$$C = 2\pi r$$

$$C = 2\pi r$$

$$C = 2\pi r$$



$$h = \frac{2}{3}x$$

$$h = 6$$

$$h = 5$$



$$C = 2\pi r$$

$$C = 2\pi r$$

AHYMO

←(s16.66H

AHYMO PROGRAM (AHYMO-S4) - Version: S4.01a - Rel: 01a
 RUN DATE (MON/DAY/YR) = 05/01/2015
 START TIME (HR:MIN:SEC) = 11:45:16 USER NO.=
 AHYMO_Temp_User:20122010
 INPUT FILE = U:\AHYMO\2014.037.1 IN 5_1.txt

*2345678901234567890

*

* 100 year, 24 hour storm

*

* HMCG JOB NUMBER 2014.037.1

* Aztec Complex, Special Education FACILITY

*

*

START TIME = 0.0 HR PUNCH CODE = 0 PRINT LINES = -1

*

* RAINFALL DATA FROM NOAA Atlas 14, Volume 1, Version 5

*

RAINFALL TYPE = 1 RAIN QUARTER = 0.0
 RAIN ONE = 1.80 IN RAIN SIX = 2.31 IN
 RAIN DAY = 2.62 IN DT = 0.05

6-HOUR RAINFALL DIST. - BASED ON NOAA ATLAS 14 FOR CONVECTIVE
 AREAS (NM & AZ) - D1

DT = 0.050000 HOURS			END TIME = 6.000000 HOURS			
0.0000	0.0034	0.0069	0.0107	0.0147	0.0189	0.0236
0.0303	0.0409	0.0522	0.0640	0.0768	0.0898	0.1032
0.1170	0.1310	0.1465	0.1627	0.1802	0.2034	0.2294
0.2643	0.3038	0.3526	0.4177	0.4910	0.6175	0.8142
1.1512	1.3881	1.5749	1.6687	1.7510	1.8101	1.8572
1.8982	1.9282	1.9557	1.9785	1.9970	2.0135	2.0282
2.0421	2.0544	2.0660	2.0773	2.0883	2.0973	2.1024
2.1073	2.1123	2.1168	2.1214	2.1258	2.1302	2.1345
2.1386	2.1426	2.1466	2.1504	2.1543	2.1579	2.1616
2.1651	2.1686	2.1721	2.1754	2.1787	2.1820	2.1852
2.1883	2.1914	2.1945	2.1976	2.2006	2.2035	2.2065
2.2094	2.2122	2.2150	2.2179	2.2206	2.2234	2.2261
2.2287	2.2314	2.2340	2.2366	2.2392	2.2417	2.2442
2.2467	2.2492	2.2516	2.2540	2.2565	2.2588	2.2612
2.2635	2.2658	2.2681	2.2704	2.2726	2.2748	2.2770
2.2792	2.2814	2.2836	2.2857	2.2878	2.2899	2.2920
2.2941	2.2961	2.2981	2.3002	2.3021	2.3041	2.3061
2.3081	2.3100					

*

* COMPUTE EXISTING 100-YEAR PEAK RATE AND VOLUME OF RUNOFF

*

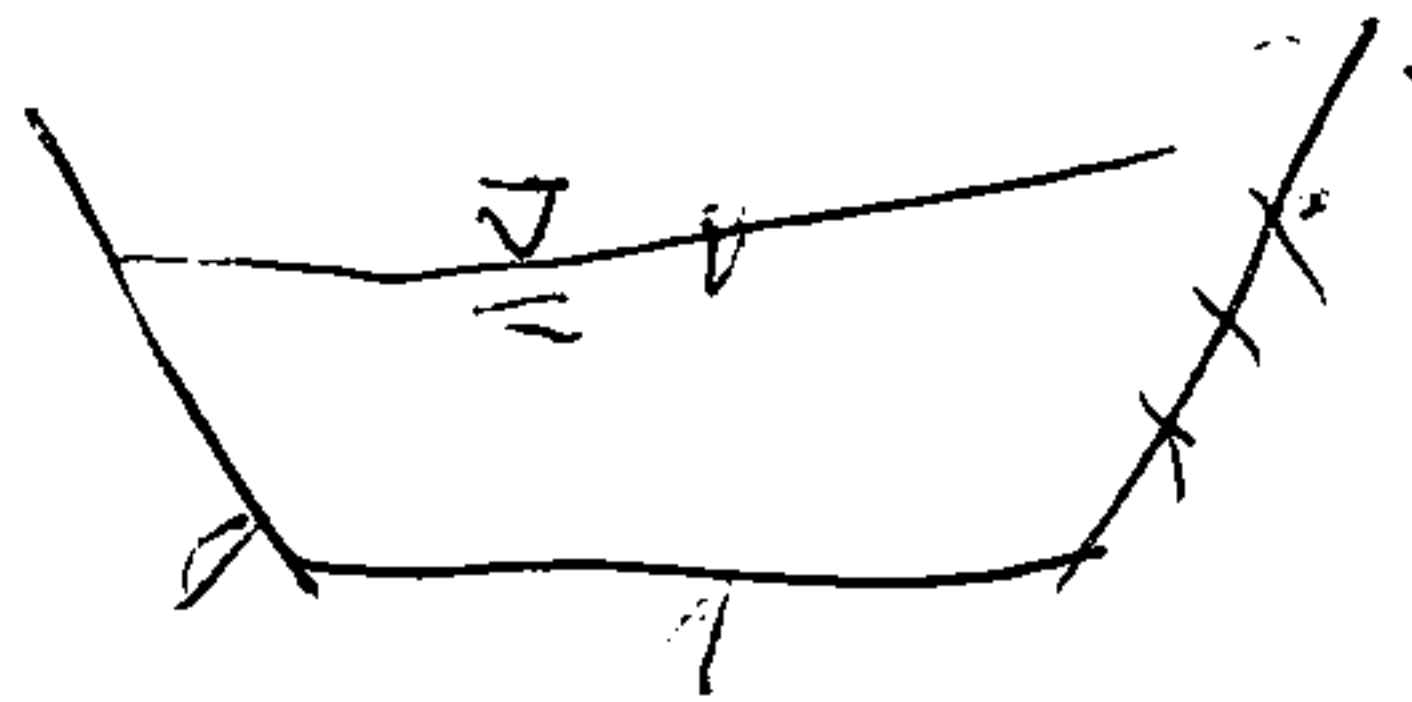
* BASIN A

*

COMPUTE NM HYD ID = 1 HYD NO = BASIN_A AREA = 0.015873 SQ MI
 PER A = 0 PER B = 28 PER C = 28 PER D = 44
 TP = -0.03715 HRS MASS RAIN = -1

K = 0.020247HR TP = 0.037150HR K/TP RATIO = 0.545000 SHAPE
 CONSTANT, N = 7.106428
 UNIT PEAK = 98.939 CFS UNIT VOLUME = 0.9725 B = 526.28
 P60 = 1.8000
 AREA = 0.006984 SQ MI IA = 0.10000 INCHES INF = 0.04000
 INCHES PER HOUR

$$R = \frac{A}{P}$$



$$f = 0.02$$

$$Q = \frac{1.486 A R^{2/3} S^{1/2}}{n}$$

$$Q = \frac{1.486 \times 1.7782 \times .30^{2/3} \times .02^{1/2}}{.1414}$$

$$= 15.645 \times 10^{-2}$$

$$f = 1.77$$

$$A = 1.7782$$

$$R = \frac{A}{P} = \frac{1.77}{4.7} = .38$$

AHYMO

RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.050000

K = 0.033067HR TP = 0.037150HR K/TP RATIO = 0.890100 SHAPE
 CONSTANT, N = 3.984395
 UNIT PEAK = 84.733 CFS UNIT VOLUME = 0.9212 B = 354.13
 P60 = 1.8000
 AREA = 0.008889 SQ MI IA = 0.42500 INCHES INF = 1.04000
 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.050000

PRINT HYD ID = 1 CODE = 1

HYDROGRAPH FROM AREA BASIN_A

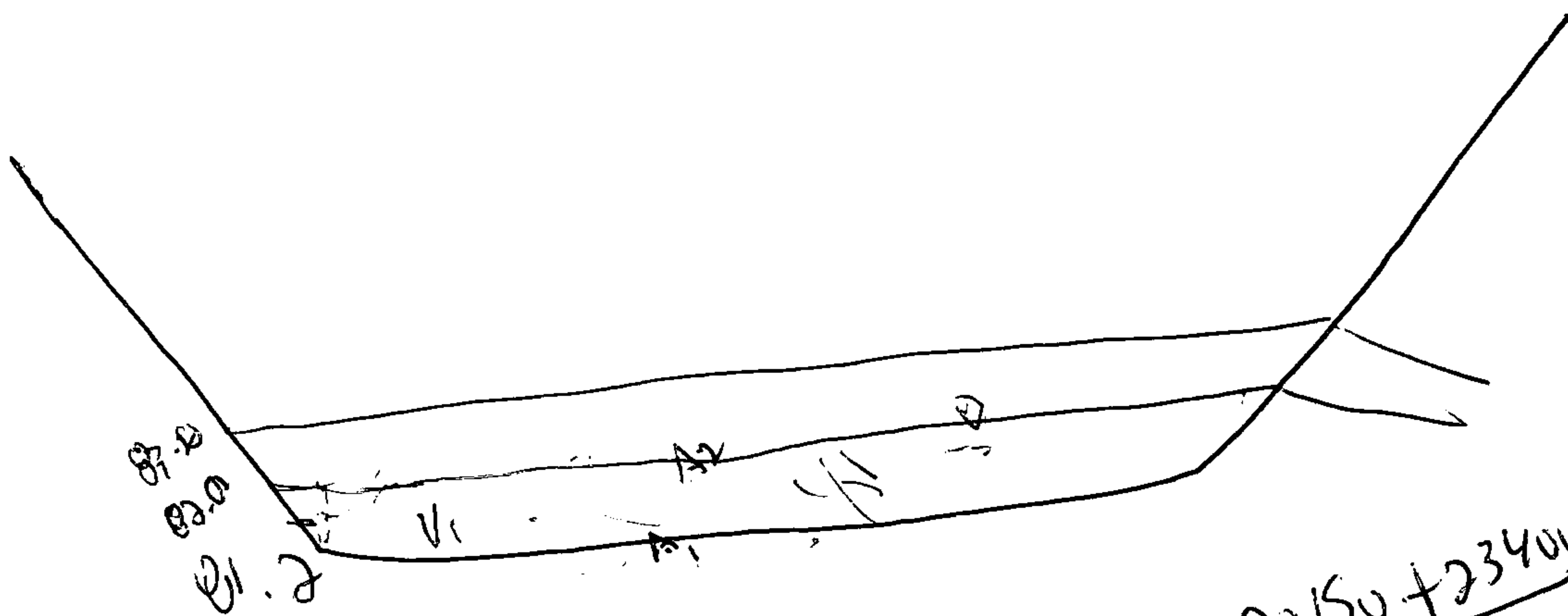
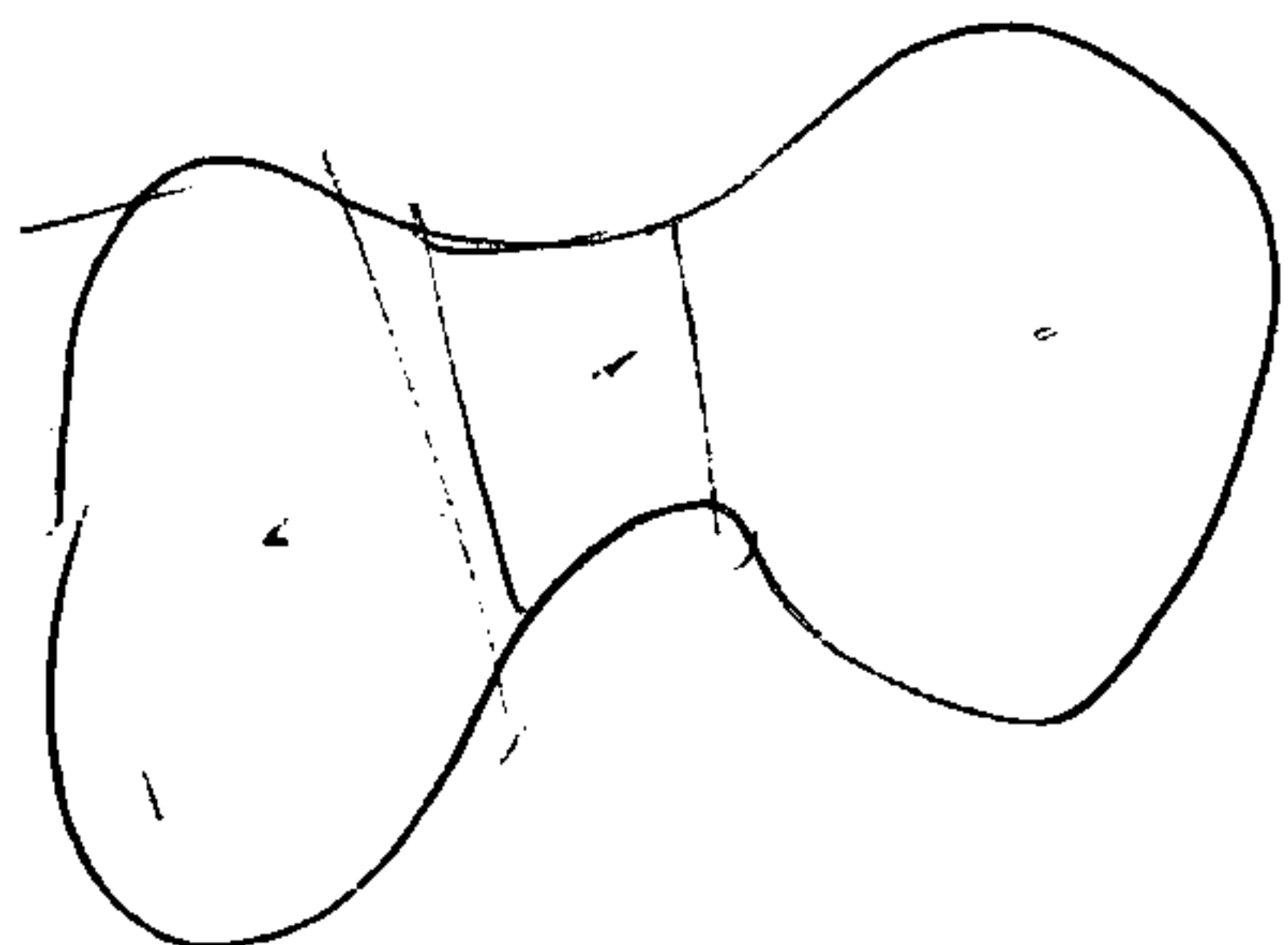
RUNOFF VOLUME = 1.42223 INCHES = 1.2040 ACRE-FEET
 PEAK DISCHARGE RATE = 53.41 CFS AT 1.400 HOURS BASIN AREA = 0.0159 SQ. MI.

*
 *
 * ROUTE THROUGH DETENTION BASIN
 *

ROUTE RESERVOIR	ID = 2	HYD NO =	OUTFLOW	INFLOW	ID = 1	CODE = 12
	OUTFLOW (CFS)		STORAGE (AC FT)		ELEV(FT)	
	0		0		5481.2	
	0.01		0.3081		5482.0	
	0.02		0.6763		5482.7	
	0.03		0.8492		5483.0	
	5.5		1.3813		5484.0	
	11.1		2.1593		5485.0	

* * * * *

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
0.00	0.00	5481.20	0.000	0.00
0.60	0.00	5481.20	0.000	0.00
1.20	5.36	5481.44	0.093	0.00
1.80	3.34	5483.38	1.052	2.11
2.40	0.35	5483.32	1.020	1.78
3.00	0.17	5483.21	0.959	1.16
3.60	0.14	5483.13	0.920	0.75
4.20	0.13	5483.09	0.896	0.51
4.80	0.14	5483.06	0.881	0.36
5.40	0.16	5483.05	0.873	0.28
6.00	0.17	5483.04	0.869	0.23
6.60	0.00	5483.02	0.860	0.14
7.20	0.00	5483.01	0.855	0.09
7.80	0.00	5483.00	0.851	0.05
8.40	0.00	5483.00	0.849	0.03
9.00	0.00	5483.00	0.848	0.03
9.60	0.00	5483.00	0.846	0.03
10.20	0.00	5482.99	0.845	0.03
10.80	0.00	5482.99	0.843	0.03
11.40	0.00	5482.99	0.842	0.03



$$V_1 = \bar{A} \cdot D' \quad D=1' \quad A = \frac{A_1 + A_2}{2}$$

$$A = \frac{20150 + 23400}{2}$$

$$= 21775$$

$$V_1 = 21775 \text{ ft}^3 \times 1 \text{ ft} \\ = 21775 \text{ ft}^3$$

$$A_1 = 65 \times 310 = 20150 \\ A_2 = 72 \times 325 = 23400$$

1000 ft

500

			AHYMO	
12.00	0.00	5482.98	0.840	0.03
12.60	0.00	5482.98	0.839	0.03
13.20	0.00	5482.98	0.838	0.03
13.80	0.00	5482.98	0.836	0.03
14.40	0.00	5482.97	0.835	0.03
15.00	0.00	5482.97	0.833	0.03
15.60	0.00	5482.97	0.832	0.03
16.20	0.00	5482.97	0.830	0.03
16.80	0.00	5482.96	0.829	0.03
17.40	0.00	5482.96	0.827	0.03
18.00	0.00	5482.96	0.826	0.03
18.60	0.00	5482.96	0.825	0.03
19.20	0.00	5482.96	0.823	0.03
19.80	0.00	5482.95	0.822	0.03
20.40	0.00	5482.95	0.820	0.03
21.00	0.00	5482.95	0.819	0.03
21.60	0.00	5482.95	0.818	0.03
22.20	0.00	5482.94	0.816	0.03
22.80	0.00	5482.94	0.815	0.03
23.40	0.00	5482.94	0.813	0.03
24.00	0.00	5482.94	0.812	0.03
24.60	0.00	5482.93	0.811	0.03
25.20	0.00	5482.93	0.809	0.03
25.80	0.00	5482.93	0.808	0.03
26.40	0.00	5482.93	0.807	0.03
27.00	0.00	5482.92	0.805	0.03
27.60	0.00	5482.92	0.804	0.03
28.20	0.00	5482.92	0.802	0.03
28.80	0.00	5482.92	0.801	0.03
29.40	0.00	5482.91	0.800	0.03
30.00	0.00	5482.91	0.798	0.03
30.60	0.00	5482.91	0.797	0.03
31.20	0.00	5482.91	0.796	0.03
31.80	0.00	5482.90	0.794	0.03
32.40	0.00	5482.90	0.793	0.03
33.00	0.00	5482.90	0.792	0.03

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
33.60	0.00	5482.90	0.790	0.03
34.20	0.00	5482.90	0.789	0.03
34.80	0.00	5482.89	0.788	0.03
35.40	0.00	5482.89	0.786	0.03
36.00	0.00	5482.89	0.785	0.03
36.60	0.00	5482.89	0.784	0.03
37.20	0.00	5482.88	0.783	0.03
37.80	0.00	5482.88	0.781	0.03
38.40	0.00	5482.88	0.780	0.03
39.00	0.00	5482.88	0.779	0.03
39.60	0.00	5482.88	0.777	0.03
40.20	0.00	5482.87	0.776	0.03
40.80	0.00	5482.87	0.775	0.03
41.40	0.00	5482.87	0.774	0.03
42.00	0.00	5482.87	0.772	0.03
42.60	0.00	5482.86	0.771	0.03
43.20	0.00	5482.86	0.770	0.03
43.80	0.00	5482.86	0.769	0.03
44.40	0.00	5482.86	0.767	0.03
45.00	0.00	5482.86	0.766	0.03
45.60	0.00	5482.85	0.765	0.03
46.20	0.00	5482.85	0.764	0.03
46.80	0.00	5482.85	0.762	0.02

			AHYMO	
47.40	0.00	5482.85	0.761	0.02
48.00	0.00	5482.85	0.760	0.02
48.60	0.00	5482.84	0.759	0.02
49.20	0.00	5482.84	0.757	0.02
49.80	0.00	5482.84	0.756	0.02
50.40	0.00	5482.84	0.755	0.02
51.00	0.00	5482.83	0.754	0.02
51.60	0.00	5482.83	0.753	0.02
52.20	0.00	5482.83	0.751	0.02
52.80	0.00	5482.83	0.750	0.02
53.40	0.00	5482.83	0.749	0.02
54.00	0.00	5482.82	0.748	0.02
54.60	0.00	5482.82	0.747	0.02
55.20	0.00	5482.82	0.745	0.02
55.80	0.00	5482.82	0.744	0.02
56.40	0.00	5482.82	0.743	0.02
57.00	0.00	5482.81	0.742	0.02
57.60	0.00	5482.81	0.741	0.02
58.20	0.00	5482.81	0.739	0.02
58.80	0.00	5482.81	0.738	0.02
59.40	0.00	5482.81	0.737	0.02
60.00	0.00	5482.80	0.736	0.02
60.60	0.00	5482.80	0.735	0.02
61.20	0.00	5482.80	0.734	0.02
61.80	0.00	5482.80	0.732	0.02
62.40	0.00	5482.80	0.731	0.02
63.00	0.00	5482.79	0.730	0.02
63.60	0.00	5482.79	0.729	0.02
64.20	0.00	5482.79	0.728	0.02
64.80	0.00	5482.79	0.727	0.02
65.40	0.00	5482.79	0.726	0.02
66.00	0.00	5482.78	0.724	0.02
66.60	0.00	5482.78	0.723	0.02

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
67.20	0.00	5482.78	0.722	0.02
67.80	0.00	5482.78	0.721	0.02
68.40	0.00	5482.78	0.720	0.02
69.00	0.00	5482.77	0.719	0.02
69.60	0.00	5482.77	0.718	0.02
70.20	0.00	5482.77	0.717	0.02
70.80	0.00	5482.77	0.716	0.02
71.40	0.00	5482.77	0.714	0.02
72.00	0.00	5482.76	0.713	0.02
72.60	0.00	5482.76	0.712	0.02
73.20	0.00	5482.76	0.711	0.02
73.80	0.00	5482.76	0.710	0.02
74.40	0.00	5482.76	0.709	0.02
75.00	0.00	5482.75	0.708	0.02
75.60	0.00	5482.75	0.707	0.02
76.20	0.00	5482.75	0.706	0.02
76.80	0.00	5482.75	0.705	0.02
77.40	0.00	5482.75	0.704	0.02
78.00	0.00	5482.75	0.702	0.02
78.60	0.00	5482.74	0.701	0.02
79.20	0.00	5482.74	0.700	0.02
79.80	0.00	5482.74	0.699	0.02
80.40	0.00	5482.74	0.698	0.02
81.00	0.00	5482.74	0.697	0.02
81.60	0.00	5482.73	0.696	0.02
82.20	0.00	5482.73	0.695	0.02

			AHYMO	
82.80	0.00	5482.73	0.694	0.02
83.40	0.00	5482.73	0.693	0.02
84.00	0.00	5482.73	0.692	0.02
84.60	0.00	5482.73	0.691	0.02
85.20	0.00	5482.72	0.690	0.02
85.80	0.00	5482.72	0.689	0.02
86.40	0.00	5482.72	0.688	0.02
87.00	0.00	5482.72	0.687	0.02
87.60	0.00	5482.72	0.686	0.02
88.20	0.00	5482.71	0.685	0.02
88.80	0.00	5482.71	0.684	0.02
89.40	0.00	5482.71	0.683	0.02
90.00	0.00	5482.71	0.682	0.02
90.60	0.00	5482.71	0.681	0.02
91.20	0.00	5482.71	0.680	0.02
91.80	0.00	5482.70	0.679	0.02
92.40	0.00	5482.70	0.678	0.02
93.00	0.00	5482.70	0.677	0.02
93.60	0.00	5482.70	0.676	0.02
94.20	0.00	5482.70	0.675	0.02
94.80	0.00	5482.70	0.674	0.02
95.40	0.00	5482.69	0.673	0.02
96.00	0.00	5482.69	0.672	0.02
96.60	0.00	5482.69	0.671	0.02
97.20	0.00	5482.69	0.670	0.02
97.80	0.00	5482.69	0.669	0.02
98.40	0.00	5482.68	0.668	0.02
99.00	0.00	5482.68	0.667	0.02
99.60	0.00	5482.68	0.666	0.02
100.20	0.00	5482.68	0.665	0.02

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
100.80	0.00	5482.68	0.664	0.02
101.40	0.00	5482.67	0.663	0.02
102.00	0.00	5482.67	0.662	0.02
102.60	0.00	5482.67	0.661	0.02
103.20	0.00	5482.67	0.660	0.02
103.80	0.00	5482.67	0.659	0.02
104.40	0.00	5482.67	0.658	0.02
105.00	0.00	5482.66	0.657	0.02
105.60	0.00	5482.66	0.656	0.02
106.20	0.00	5482.66	0.655	0.02
106.80	0.00	5482.66	0.654	0.02
107.40	0.00	5482.66	0.653	0.02
108.00	0.00	5482.65	0.652	0.02
108.60	0.00	5482.65	0.651	0.02
109.20	0.00	5482.65	0.650	0.02
109.80	0.00	5482.65	0.649	0.02
110.40	0.00	5482.65	0.649	0.02
111.00	0.00	5482.65	0.648	0.02
111.60	0.00	5482.64	0.647	0.02
112.20	0.00	5482.64	0.646	0.02
112.80	0.00	5482.64	0.645	0.02
113.40	0.00	5482.64	0.644	0.02
114.00	0.00	5482.64	0.643	0.02
114.60	0.00	5482.63	0.642	0.02
115.20	0.00	5482.63	0.641	0.02
115.80	0.00	5482.63	0.640	0.02
116.40	0.00	5482.63	0.639	0.02
117.00	0.00	5482.63	0.638	0.02
117.60	0.00	5482.63	0.637	0.02

			AHYMO	
118.20	0.00	5482.62	0.636	0.02
118.80	0.00	5482.62	0.635	0.02
119.40	0.00	5482.62	0.634	0.02
120.00	0.00	5482.62	0.633	0.02
120.60	0.00	5482.62	0.632	0.02
121.20	0.00	5482.62	0.632	0.02
121.80	0.00	5482.61	0.631	0.02
122.40	0.00	5482.61	0.630	0.02
123.00	0.00	5482.61	0.629	0.02
123.60	0.00	5482.61	0.628	0.02
124.20	0.00	5482.61	0.627	0.02
124.80	0.00	5482.60	0.626	0.02
125.40	0.00	5482.60	0.625	0.02
126.00	0.00	5482.60	0.624	0.02
126.60	0.00	5482.60	0.623	0.02
127.20	0.00	5482.60	0.622	0.02
127.80	0.00	5482.60	0.621	0.02
128.40	0.00	5482.59	0.620	0.02
129.00	0.00	5482.59	0.620	0.02
129.60	0.00	5482.59	0.619	0.02
130.20	0.00	5482.59	0.618	0.02
130.80	0.00	5482.59	0.617	0.02
131.40	0.00	5482.59	0.616	0.02
132.00	0.00	5482.58	0.615	0.02
132.60	0.00	5482.58	0.614	0.02
133.20	0.00	5482.58	0.613	0.02
133.80	0.00	5482.58	0.612	0.02

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
134.40	0.00	5482.58	0.611	0.02
135.00	0.00	5482.58	0.610	0.02
135.60	0.00	5482.57	0.610	0.02
136.20	0.00	5482.57	0.609	0.02
136.80	0.00	5482.57	0.608	0.02
137.40	0.00	5482.57	0.607	0.02
138.00	0.00	5482.57	0.606	0.02
138.60	0.00	5482.56	0.605	0.02
139.20	0.00	5482.56	0.604	0.02
139.80	0.00	5482.56	0.603	0.02
140.40	0.00	5482.56	0.602	0.02
141.00	0.00	5482.56	0.601	0.02
141.60	0.00	5482.56	0.601	0.02
142.20	0.00	5482.55	0.600	0.02
142.80	0.00	5482.55	0.599	0.02
143.40	0.00	5482.55	0.598	0.02
144.00	0.00	5482.55	0.597	0.02
144.60	0.00	5482.55	0.596	0.02
145.20	0.00	5482.55	0.595	0.02
145.80	0.00	5482.54	0.594	0.02
146.40	0.00	5482.54	0.594	0.02
147.00	0.00	5482.54	0.593	0.02
147.60	0.00	5482.54	0.592	0.02
148.20	0.00	5482.54	0.591	0.02
148.80	0.00	5482.54	0.590	0.02
149.40	0.00	5482.53	0.589	0.02
150.00	0.00	5482.53	0.588	0.02
150.60	0.00	5482.53	0.587	0.02
151.20	0.00	5482.53	0.587	0.02
151.80	0.00	5482.53	0.586	0.02
152.40	0.00	5482.53	0.585	0.02
153.00	0.00	5482.52	0.584	0.02

153.60	0.00	5482.52	AHYMO 0.583	0.02
154.20	0.00	5482.52	0.582	0.02
154.80	0.00	5482.52	0.581	0.02
155.40	0.00	5482.52	0.580	0.02
156.00	0.00	5482.52	0.580	0.02
156.60	0.00	5482.51	0.579	0.02
157.20	0.00	5482.51	0.578	0.02
157.80	0.00	5482.51	0.577	0.02
158.40	0.00	5482.51	0.576	0.02
159.00	0.00	5482.51	0.575	0.02
159.60	0.00	5482.51	0.574	0.02
160.20	0.00	5482.50	0.574	0.02
160.80	0.00	5482.50	0.573	0.02
161.40	0.00	5482.50	0.572	0.02
162.00	0.00	5482.50	0.571	0.02
162.60	0.00	5482.50	0.570	0.02
163.20	0.00	5482.50	0.569	0.02
163.80	0.00	5482.50	0.568	0.02
164.40	0.00	5482.49	0.568	0.02
165.00	0.00	5482.49	0.567	0.02
165.60	0.00	5482.49	0.566	0.02
166.20	0.00	5482.49	0.565	0.02
166.80	0.00	5482.49	0.564	0.02
167.40	0.00	5482.49	0.563	0.02

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
168.00	0.00	5482.48	0.563	0.02
168.60	0.00	5482.48	0.562	0.02
169.20	0.00	5482.48	0.561	0.02
169.80	0.00	5482.48	0.560	0.02
170.40	0.00	5482.48	0.559	0.02
171.00	0.00	5482.48	0.558	0.02
171.60	0.00	5482.47	0.558	0.02
172.20	0.00	5482.47	0.557	0.02
172.80	0.00	5482.47	0.556	0.02
173.40	0.00	5482.47	0.555	0.02
174.00	0.00	5482.47	0.554	0.02
174.60	0.00	5482.47	0.553	0.02
175.20	0.00	5482.46	0.553	0.02
175.80	0.00	5482.46	0.552	0.02
176.40	0.00	5482.46	0.551	0.02
177.00	0.00	5482.46	0.550	0.02
177.60	0.00	5482.46	0.549	0.02
178.20	0.00	5482.46	0.548	0.02
178.80	0.00	5482.46	0.548	0.02
179.40	0.00	5482.45	0.547	0.02
180.00	0.00	5482.45	0.546	0.02
180.60	0.00	5482.45	0.545	0.02
181.20	0.00	5482.45	0.544	0.02
181.80	0.00	5482.45	0.544	0.02
182.40	0.00	5482.45	0.543	0.02
183.00	0.00	5482.44	0.542	0.02
183.60	0.00	5482.44	0.541	0.02
184.20	0.00	5482.44	0.540	0.02
184.80	0.00	5482.44	0.540	0.02
185.40	0.00	5482.44	0.539	0.02
186.00	0.00	5482.44	0.538	0.02
186.60	0.00	5482.44	0.537	0.02
187.20	0.00	5482.43	0.536	0.02
187.80	0.00	5482.43	0.536	0.02
188.40	0.00	5482.43	0.535	0.02

			AHYMO	
189.00	0.00	5482.43	0.534	0.02
189.60	0.00	5482.43	0.533	0.02
190.20	0.00	5482.43	0.532	0.02
190.80	0.00	5482.42	0.532	0.02
191.40	0.00	5482.42	0.531	0.02
192.00	0.00	5482.42	0.530	0.02
192.60	0.00	5482.42	0.529	0.02
193.20	0.00	5482.42	0.528	0.02
193.80	0.00	5482.42	0.528	0.02
194.40	0.00	5482.42	0.527	0.02
195.00	0.00	5482.41	0.526	0.02
195.60	0.00	5482.41	0.525	0.02
196.20	0.00	5482.41	0.524	0.02
196.80	0.00	5482.41	0.524	0.02
197.40	0.00	5482.41	0.523	0.02
198.00	0.00	5482.41	0.522	0.02
198.60	0.00	5482.41	0.521	0.02
199.20	0.00	5482.40	0.520	0.02
199.80	0.00	5482.40	0.520	0.02

PEAK DISCHARGE = 2.166 CFS - PEAK OCCURS AT HOUR 1.90
 MAXIMUM WATER SURFACE ELEVATION = 5483.391
 MAXIMUM STORAGE = 1.0570 AC-FT INCREMENTAL TIME= 0.050000HRS

*
 *
 PRINT HYD ID = 2 CODE = 1

HYDROGRAPH FROM AREA OUTFLOW

RUNOFF VOLUME = 0.80860 INCHES = 0.6845 ACRE-FEET
 PEAK DISCHARGE RATE = 2.17 CFS AT 1.900 HOURS BASIN AREA = 0.0159 SQ. MI.

*
 FINISH
 NORMAL PROGRAM FINISH END TIME (HR:MIN:SEC) = 11:45:16
 ←(s10H

AHYMO

-(s16.66H

Rel: 01a
 AHYMO PROGRAM SUMMARY TABLE (AHYMO-S4)
 RUN DATE (MON/DAY/YR) =05/01/2015
 INPUT FILE = U:\AHYMO\2014.037.1 IN 5_1.txt
 USER NO.= AHYMO_Temp_User:20122010

- Ver. S4.01a,

RUNOFF COMMAND (INCHES)	TIME TO PEAK (HOURS)	CFS HYDROGRAPH PER IDENTIFICATION ACRE	FROM PAGE = ID NO. NOTATION	TO ID NO.	AREA (SQ MI)	PEAK DISCHARGE (CFS)	RUNOFF VOLUME (AC-FT)
START							
RAINFALL	TYPE= 1	NOAA 14	TIME=	0.00			
			RAIN6=	2.310			
COMPUTE NM HYD		BASIN_A	-	1	0.01587	53.41	1.204
1.42223	1.400	5.257	PER IMP=	44.00			
ROUTE RESERVOIR		OUTFLOW	1	2	0.01587	2.17	0.685
0.80860	1.900	0.213	AC-FT=	1.057			
FINISH							

-(s10H

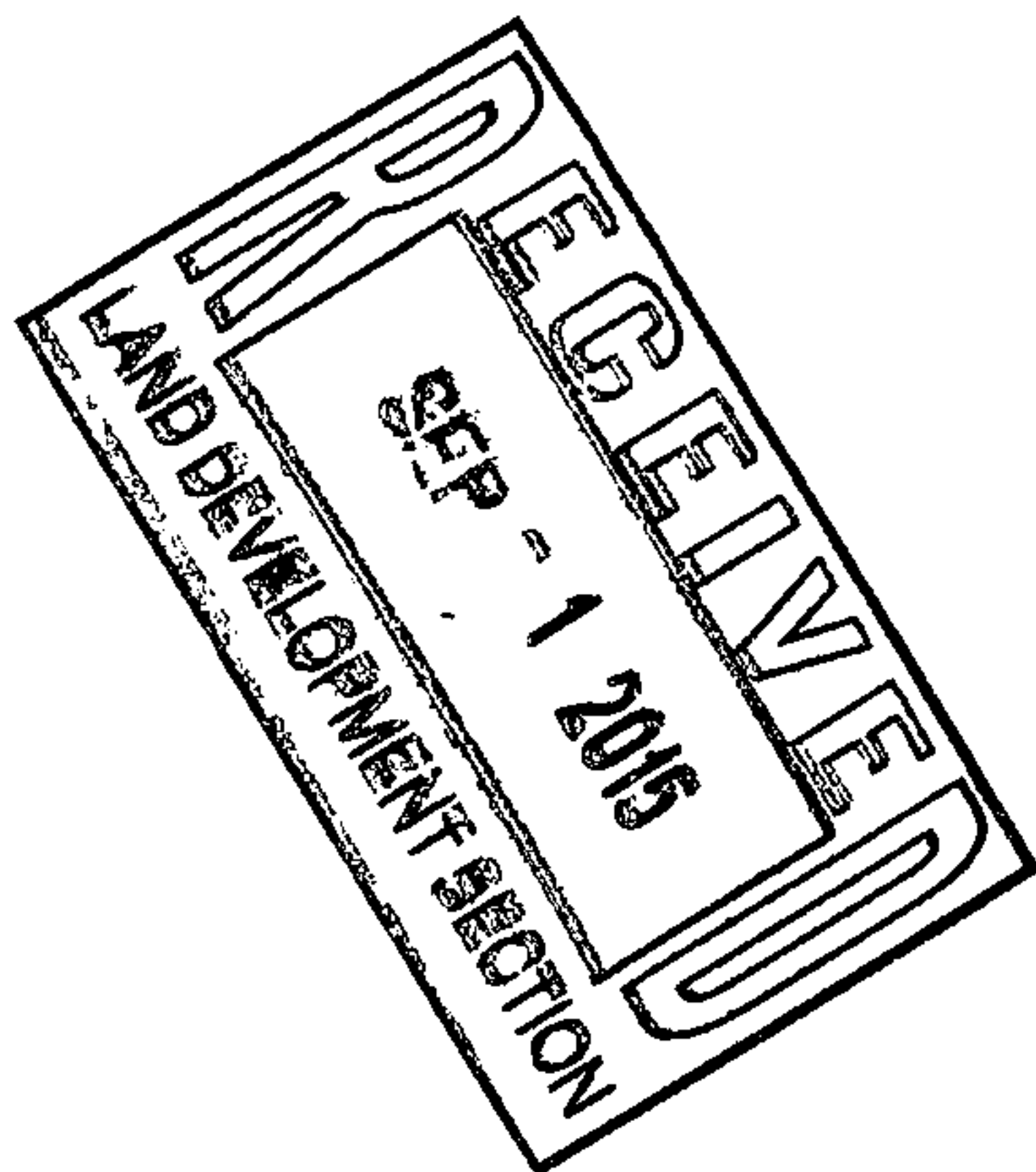
Worksheet
Worksheet for Grate Inlet In Sag

INLET D

Project Description	
Worksheet	Single Grate
Type	Grate Inlet In Sag
Solve For	Spread

Input Data	
Discharge	12.20 cfs
Gutter Width	2.08 ft
Gutter Cross Slope	0.020000 ft/ft
Road Cross Slope	0.020000 ft/ft
Grate Width	2.08 ft
Grate Length	10.00 ft
Local Depression	0.0 in
Local Depression \	0.00 ft
Grate Type	3 mm (P-1-7/8")
Clogging	50.0 %

Results	
Spread	24.20 ft
Depth	0.48 ft
Gutter Depression	0.0 in
Total Depression	0.0 in
Open Grate Area	9.4 ft²
Active Grate Weir Length	2.08 ft



Worksheet
Worksheet for Grate Inlet In Sag

INLET C

Project Description	
Worksheet	Grate Inlet
Type	Grate Inlet In Sag
Solve For	Spread

Input Data	
Discharge	5.20 cfs
Gutter Width	2.08 ft
Gutter Cross Slope	0.020000 ft/ft
Road Cross Slope	0.020000 ft/ft
Grate Width	2.08 ft
Grate Length	6.67 ft
Local Depression	0.0 in
Local Depression \	0.00 ft
Grate Type	3 mm (P-1-7/8")
Clogging	50.0 %

Results	
Spread	16.99 ft
Depth	0.34 ft
Gutter Depression	0.0 in
Total Depression	0.0 in
Open Grate Area	6.2 ft²
Active Grate Weir Le	8.75 ft

Worksheet
Worksheet for Grate Inlet In Sag

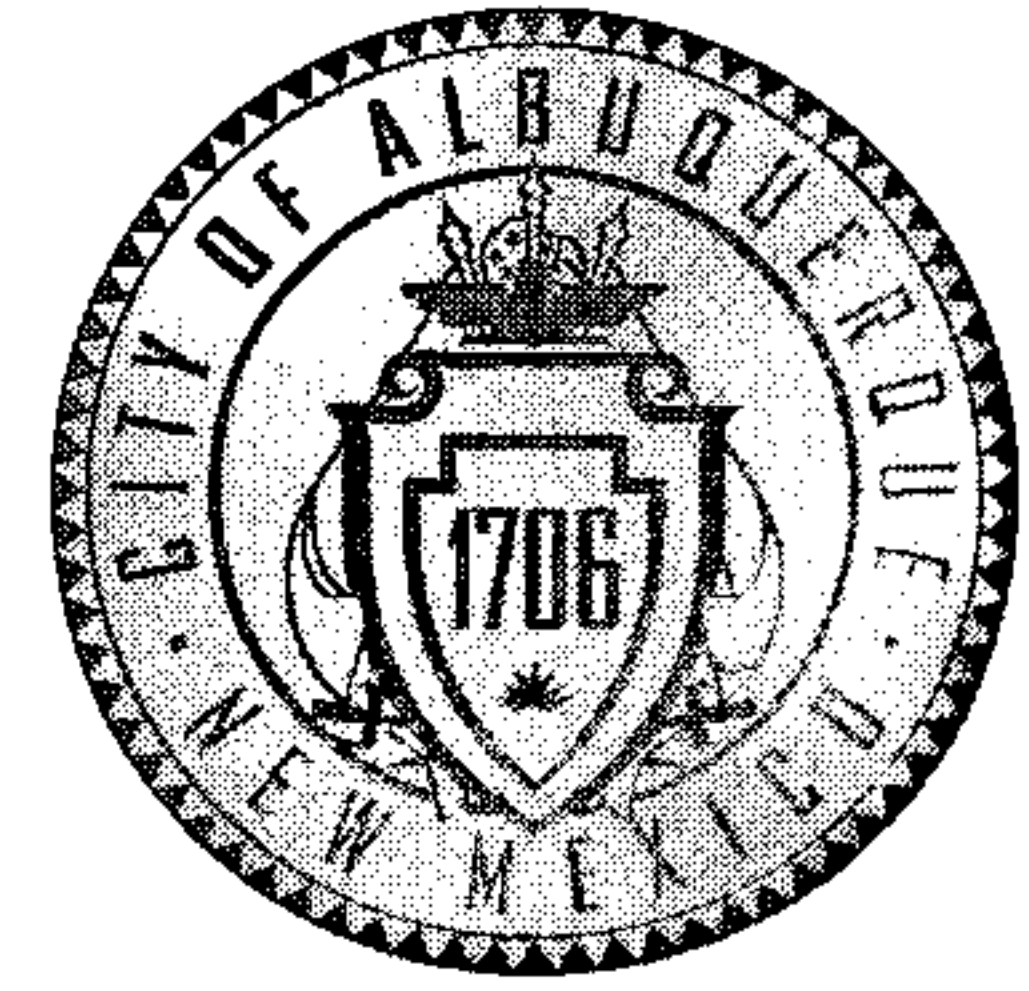
INLET A

Project Description	
Worksheet	Grate Inlet
Type	Grate Inlet In Sag
Solve For	Spread

Input Data	
Discharge	5.00 cfs
Gutter Width	2.08 ft
Gutter Cross Slope	0.020000 ft/ft
Road Cross Slope	0.020000 ft/ft
Grate Width	2.08 ft
Grate Length	6.67 ft
Local Depression	0.0 in
Local Depression \	0.00 ft
Grate Type	3 mm (P-1-7/8")
Clogging	50.0 %

Results	
Spread	16.55 ft
Depth	0.33 ft
Gutter Depression	0.0 in
Total Depression	0.0 in
Open Grate Area	6.2 ft²
Active Grate Weir Length	8.75 ft

CITY OF ALBUQUERQUE



June 2, 2015

Graeme Means, PE
High Mesa Consulting Group, Inc.
6010-B Midway Park Blvd. NE
Albuquerque, NM 87109

**RE: Aztec Elementary School, 2611 Eubank Blvd. NE
Grading and Drainage Plan
Engineer's Stamp Date 5-01-2015 (File: H20-D033)**

Dear Mr. Means:

Based upon the information provided in your submittal received 5-05-15, the above referenced Grading and Drainage Plan cannot be approved for Building Permit until the following comments are addressed:

PO Box 1293

Albuquerque

- 1) Provide the AHYMO input and output files and inlet capacity calculations.
- 2) Show roof drain locations on the grading plan.

If you have any questions, you can contact me at 924-3924.

New Mexico 87103

www.cabq.gov

Sincerely,

Jeanne Wolfenbarger, P.E.
Senior Engineer, Planning Dept.
Development Review Services

Orig: Drainage file
c.pdf Addressee via Email



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Project Title: AZTEC SPECIAL EDUCATION FACILITY Building Permit #: _____ City Drainage #: H20D033

DRB#: _____ EPC#: _____ Work Order#: _____

Legal Description: TRACTS E AND F, LANDS OF BOARD OF EDUCATION, AZTEC ELEM. SCHOOL

City Address: 2611 EUBANK BLVD NE, ALBUQUERQUE NM 87110

Engineering Firm: High Mesa Consulting Group Contact: Graeme Means #13676

Address: 6010-B Midway Park Blvd NE, Albuquerque NM 87109

Phone#: 505-345-4250 Fax#: 505-345-4254 E-mail: gmeans@highmesacg.com

Owner: Albuquerque Public Schools Contact: Annelle Darby

Address: 915 Oak Street SE, 87106

Phone#: 848-8829 Fax#: _____ E-mail: annelle.darby@aps.edu

Architect: Westwork Architects Contact: Mark DePree

Address: PO Box 10921, Albuquerque NM 87184

Phone#: 884-5252 Fax#: 884-5255 E-mail: westwork@swcp.com

Surveyor: High Mesa Consulting Group Contact: Chuck Cala NMPS#11184

Address: 6010-B Midway Park Blvd NE, Albuquerque NM 87109

Phone#: 505-345-4250 Fax#: 505-345-4254 E-mail: ccala@highmesacg.com

Contractor: To be selected Contact: _____

Address: _____

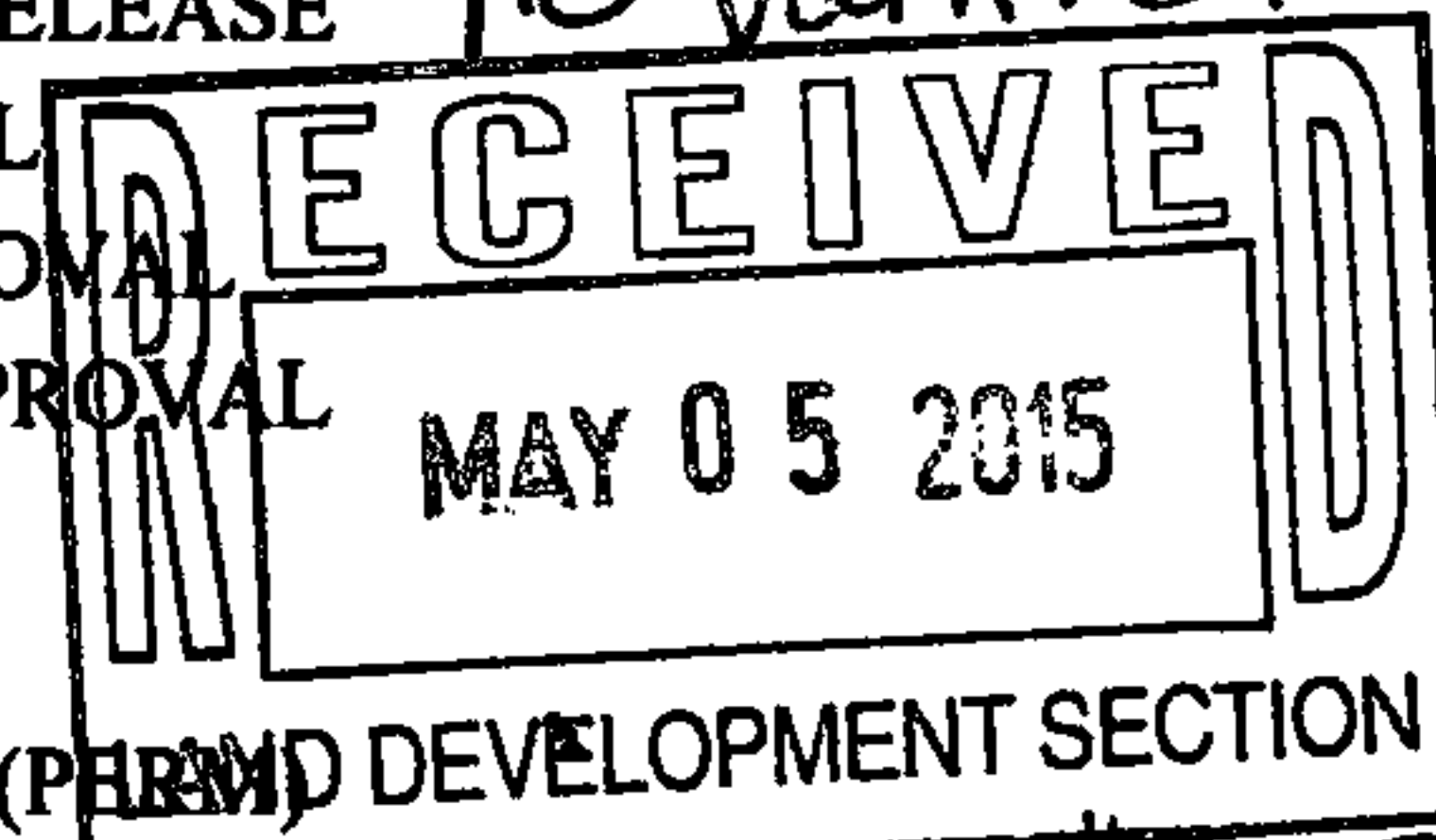
Phone#: _____ Fax#: _____ E-mail: _____

TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT (DMP)
☒ 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 *NO verified*
☐ 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 (DMP) _____



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

DATE SUBMITTED: 05-05-2015 By: Justin Schara

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

Justin Schara

From: Justin Schara
Sent: Tuesday, May 05, 2015 11:51 AM
To: 'plndrs@cabq.gov'
Subject: Aztec Special Education Facility - Grading Plan Submittal for Hydrology
Attachments: C-001-RI.pdf; CG-100-RI.pdf; CG-101-RI.pdf; 140371_Cg-501-signed.pdf; 140371_Cg-502-signed.pdf

Attached herewith is the pdf's for the Aztec Special Education Facility hydrology submittal which will be delivered to One Stop this afternoon. The City Drainage File # is H20.

If you have any questions, please do not hesitate to contact me.

Thank you.

Justin

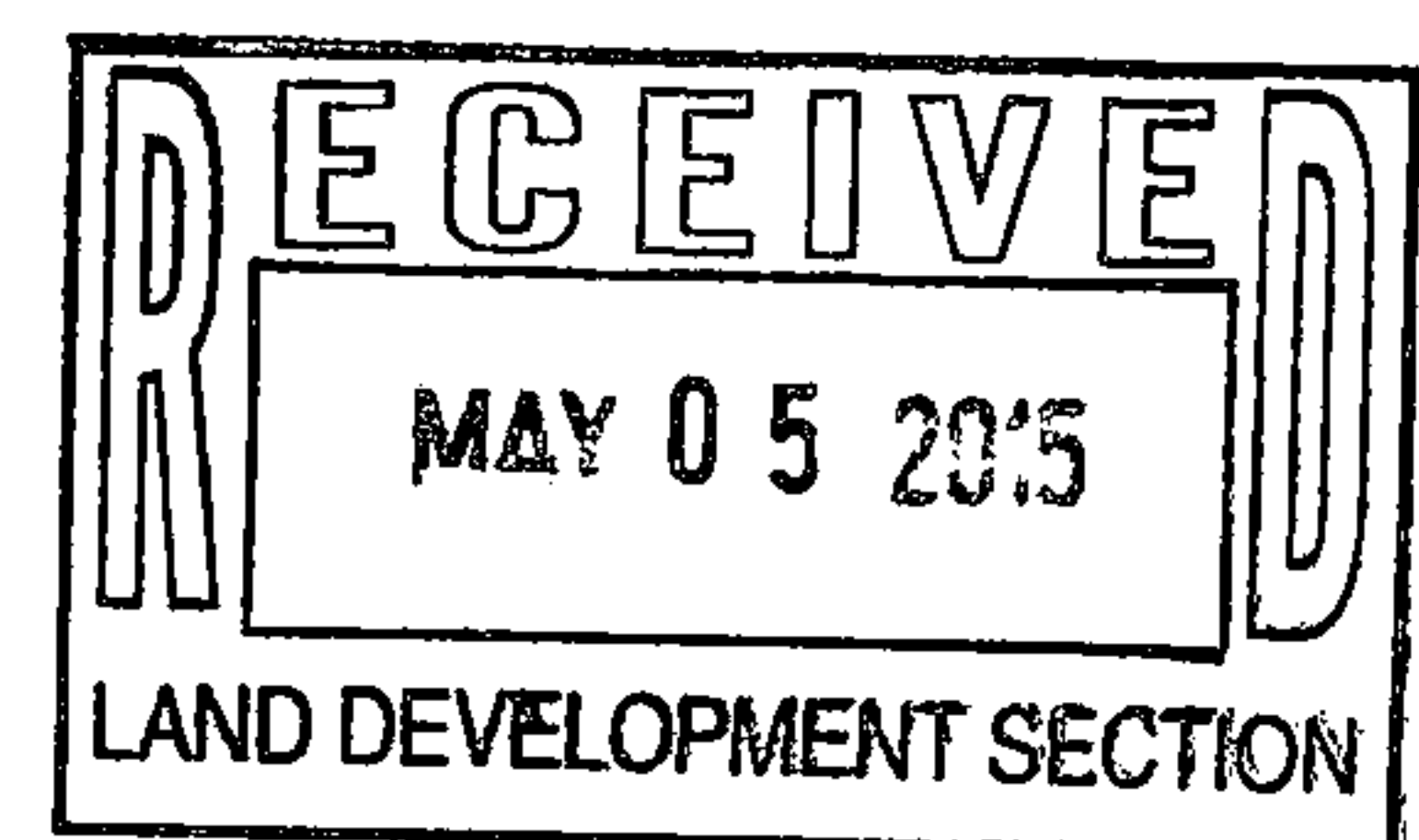


Justin D. Schara, E.I.

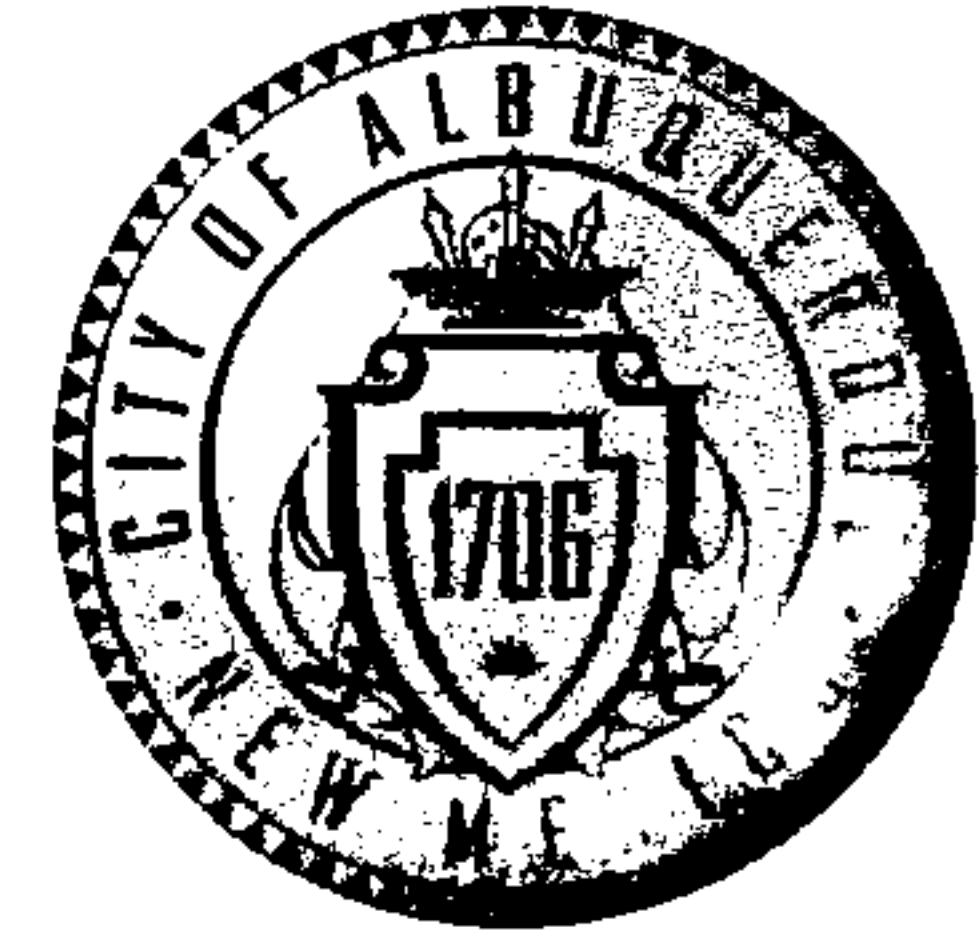
6010-B Midway Park Blvd. NE
Albuquerque, NM 87109
www.highmesacg.com

Phone: 505.345.4250
Fax: 505.345.4254
jschara@highmesacg.com

We invite you to visit our updated website at www.highmesacg.com



CITY OF ALBUQUERQUE



September 15, 2010

Jeff Mortensen, P.E.
High Mesa Consulting Group
6010-B Midway Park Blvd NE
Albuquerque, NM 87109

**Re: Aztec Complex Diagnostician Consolidation
Grading and Drainage Plan
Engineer's Stamp dated 08-28-2010 (H20-D033)**

Dear Mr. Means,

Based upon the information provided in your submittal received 08-30-10, the above referenced plan is approved for Foundation Permit, Grading Permit and Paving Permit.

PO Box 1293

Upon completion of the project, please provide an Engineer Certification for our files.

Albuquerque

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

NM 87103

Sincerely,

Curtis Cherne, P.E.
Senior Engineer, Planning Department.
Development and Building Services

www.cabq.gov

c: file

Jeffrey G. Mortensen

From: Bingham, Brad L. [BBingham@cabq.gov]

Sent: Thursday, June 17, 2010 4:39 PM

To: Jeffrey G. Mortensen

Subject: RE: AZTEC COMPLEX (2008.201.8)

I do not need a pre-design, given that the basin was covered in the AMDS and this project is small compared with the overall basin, free discharge will be allowed.

From: Jeffrey G. Mortensen [mailto:JMortensen@highmesacg.com]

Sent: Sunday, June 13, 2010 11:42 AM

To: Bingham, Brad L.

Subject: AZTEC COMPLEX (2008.201.8)

Brad,

APS is considering a Diagnostician Consolidation at the northwest corner of this site. The site is currently used for administrative and special education activities.

The site is located at the southwest corner of the intersection of Eubank Blvd NE and Lexington Avenue NE (H-20). The property is identified as Tracts E and F, Aztec Elementary School. The Consolidation project would be limited to the westerly Tract E.

The logical outfall for the project (and site) is Lexington Avenue NE. Review of the AMDS suggests that there are no downstream flooding or capacity problems.

Our previous work on this site has been limited, therefore we have no prior drainage submittals to reference. Do you have any submittals that may help? Do we need a pre-design meeting for this one?

Jeff



Jeffrey G. Mortensen, P.E.

President

6010-B Midway Park Blvd. NE

Albuquerque, NM 87109

www.highmesacg.com

Phone: 505.345.4250

Fax: 505.345.4254

jmortensen@highmesacg.com

8/28/2010

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/28/2003rd)

PROJECT TITLE: AZTEC COMPLEX DIAGNOSTICIAN CONSOL ZONE ATLAS/DRNG. FILE #: H20 D 033
 DRB #: _____ EPC #: _____ WORK ORDER #: _____

LEGAL DESCRIPTION: TRACT E, AZTEC ELEMENTARY SCHOOL
 CITY ADDRESS: 9500 LEXINGTON AVENUE NE

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

OWNER: ALBUQUERQUE PUBLIC SCHOOLS CONTACT: SAL WAR
 ADDRESS: 915 OAK SE PHONE: 975-5965
 CITY, STATE: ALBUQUERQUE, NM ZIP CODE: 87106

ARCHITECT: N/A CONTACT: _____
 ADDRESS: _____ PHONE: _____
 CITY, STATE: _____ ZIP CODE: _____

SURVEYOR: HIGH MESA CONSULTING GROUP (NMPS 11184) CONTACT: CHARLES G. CALA, JR
 ADDRESS: 6010-B MIDWAY PARK BLVD. NE PHONE: (505) 345-4250
 CITY, STATE: ALBUQUERQUE, NM ZIP CODE: 87109

CONTRACTOR: ANCHOR BUILT CONTACT: RAY ZAMORA
 ADDRESS: _____ PHONE: 259-3259
 CITY, STATE: ALBUQUERQUE, NM ZIP CODE: _____

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:

- ☐ 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)

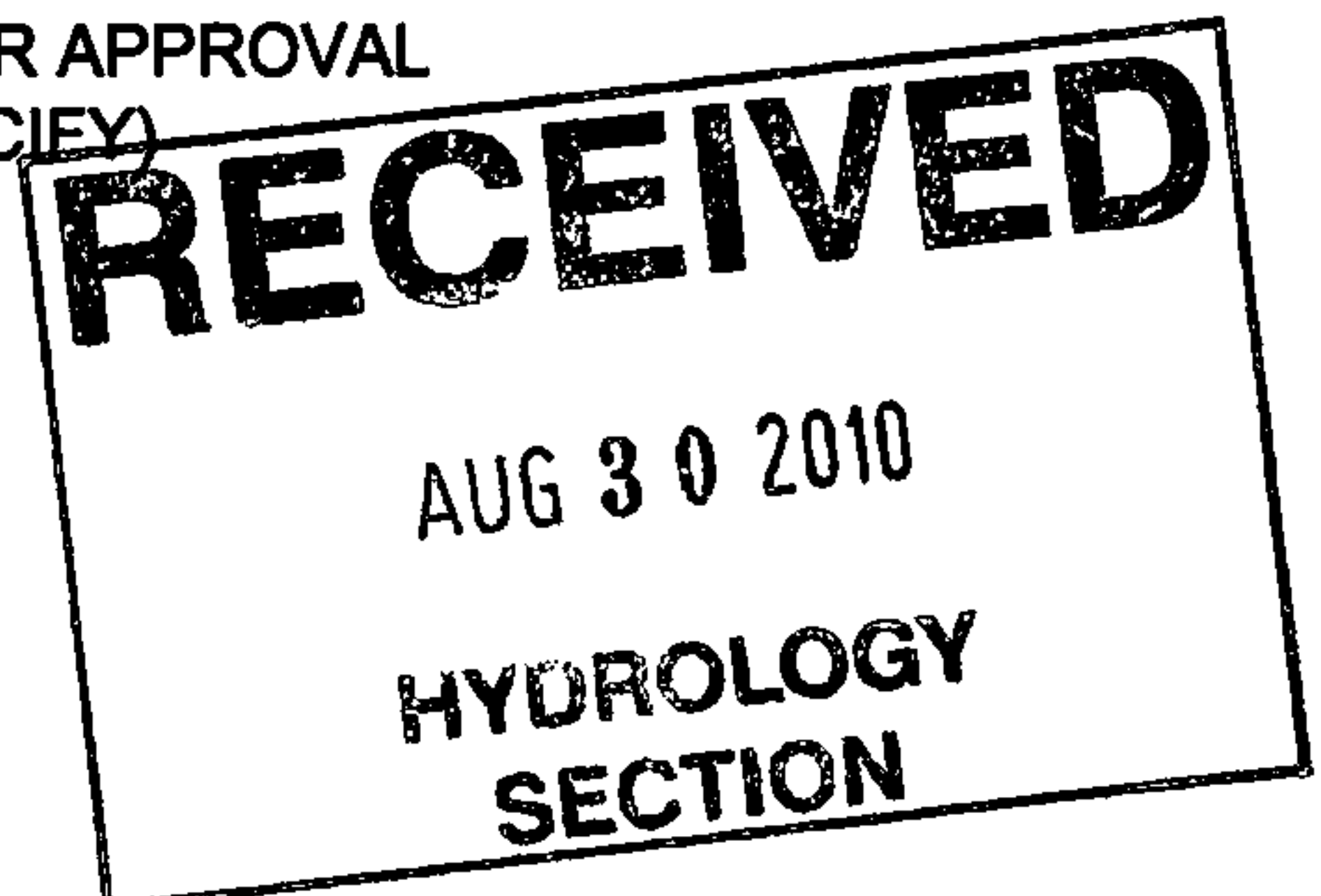
WAS A PRE-DESIGN CONFERENCE ATTENDED:

- ☒ YES (INFORMAL VIA E-MAIL)
☐ NO
☒ COPY PROVIDED

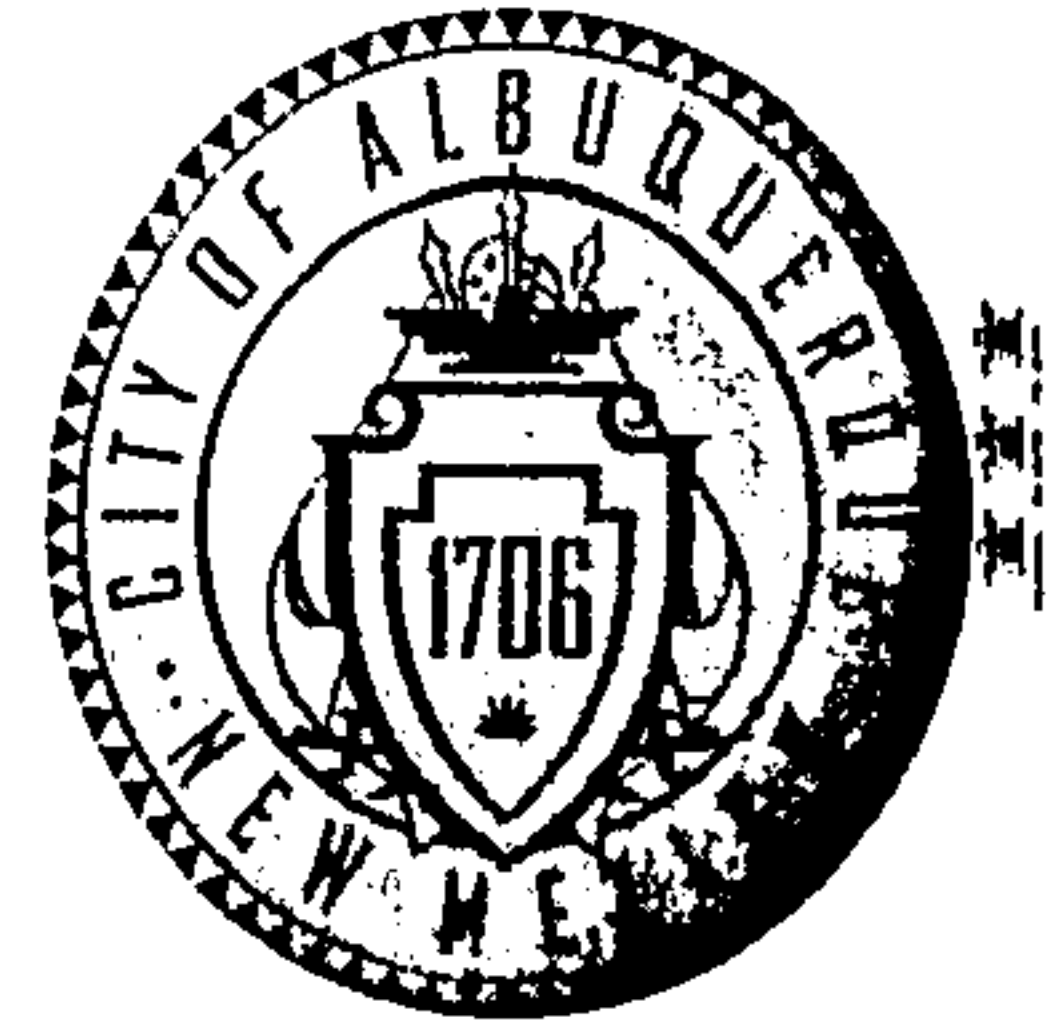
DATE SUBMITTED: 08/30/2010 BY: JEFFREY G. MORTENSEN
 XC: SAL WAR

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:

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



December 30, 2010

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

**Re: Aztec Complex Diagnostician Consolidation, (H-20/D033), 9500
Lexington Ave. NE,**

Engineer's Stamp Date: 08-28-10

Certification Date: 12-30-10

Dear Mr. Mortensen,

Thank you for providing an Engineer Certification for the Grading/Drainage Plan received on 12-30-10, for the above referenced plan. This information will be placed in the project file.

If you have any questions, I can be contacted at 924-3982.

Sincerely,



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

C: file

PO Box 1293

Albuquerque

NM 87103

www.cabq.gov

DRAINAGE AND TRANSPORTATION INFORMATION SHEET(REV. 1/28/2003rd)

PROJECT TITLE: AZTEC COMPLEX DIAGNOSTICIAN CONSOLIDATION ZONE ATLAS/DRNG. FILE #: H20 D033
 DRB #: _____ EPC #: _____ WORK ORDER #: _____

LEGAL DESCRIPTION: TRACT E, AZTEC ELEMENTARY SCHOOL
 CITY ADDRESS: 9500 LEXINGTON AVENUE NE

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

OWNER: ALBUQUERQUE PUBLIC SCHOOLS CONTACT: SAL WAR
 ADDRESS: 915 OAK SE PHONE: 975-5965
 CITY, STATE: ALBUQUERQUE, NM ZIP CODE: 87106

ARCHITECT: N/A CONTACT: _____
 ADDRESS: _____ PHONE: _____
 CITY, STATE: _____ ZIP CODE: _____

SURVEYOR: HIGH MESA CONSULTING GROUP (NMPS 11184) CONTACT: CHARLES G. CALA, JR
 ADDRESS: 6010-B MIDWAY PARK BLVD. NE PHONE: (505) 345-4250
 CITY, STATE: ALBUQUERQUE, NM ZIP CODE: 87109

CONTRACTOR: ANCHOR BUILT CONTACT: RAY ZAMORA
 ADDRESS: _____ PHONE: 259-3259
 CITY, STATE: ALBUQUERQUE, NM ZIP CODE: _____

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:

- ☐ 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) CONDITION OF APPROVAL

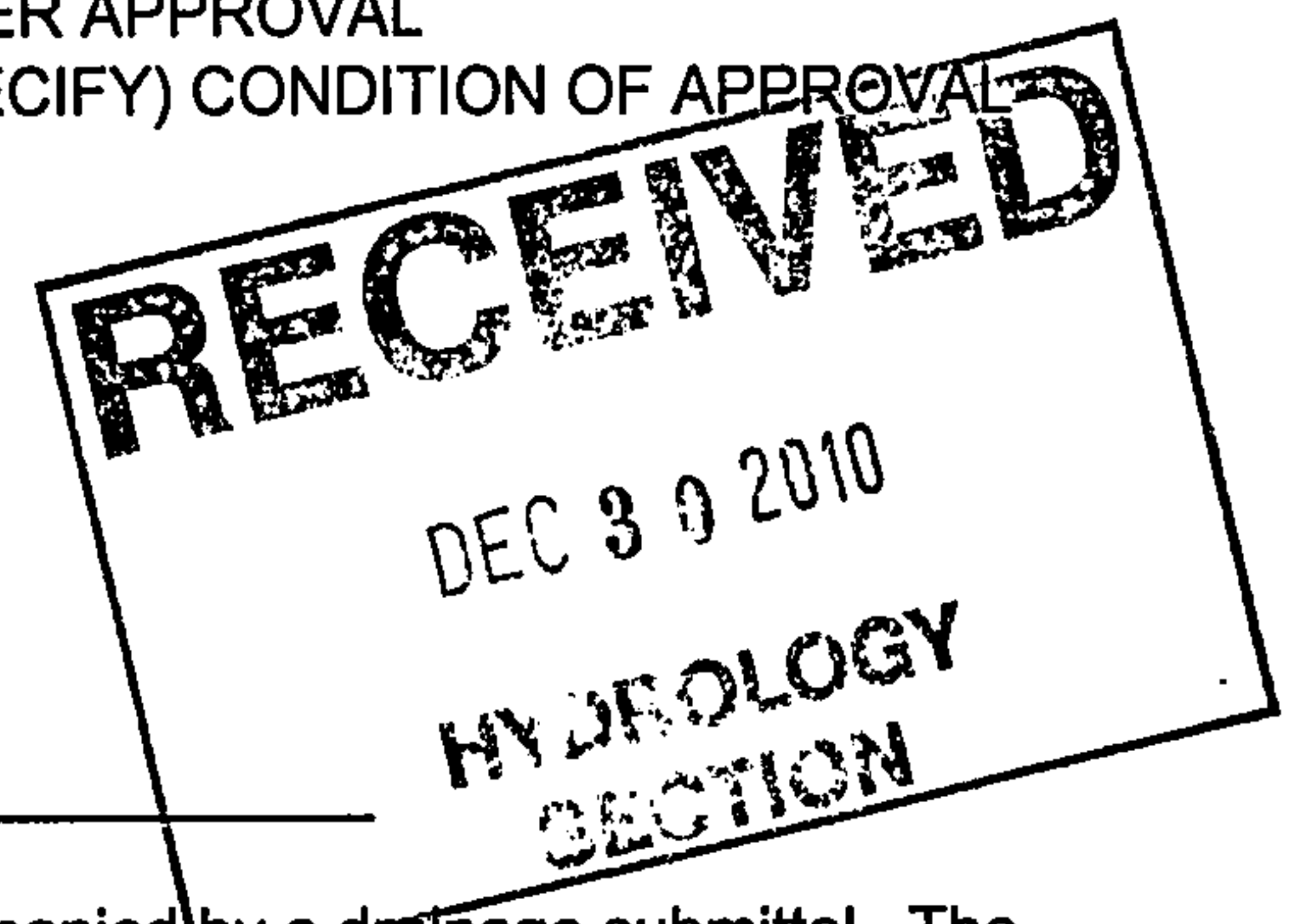
WAS A PRE-DESIGN CONFERENCE ATTENDED:

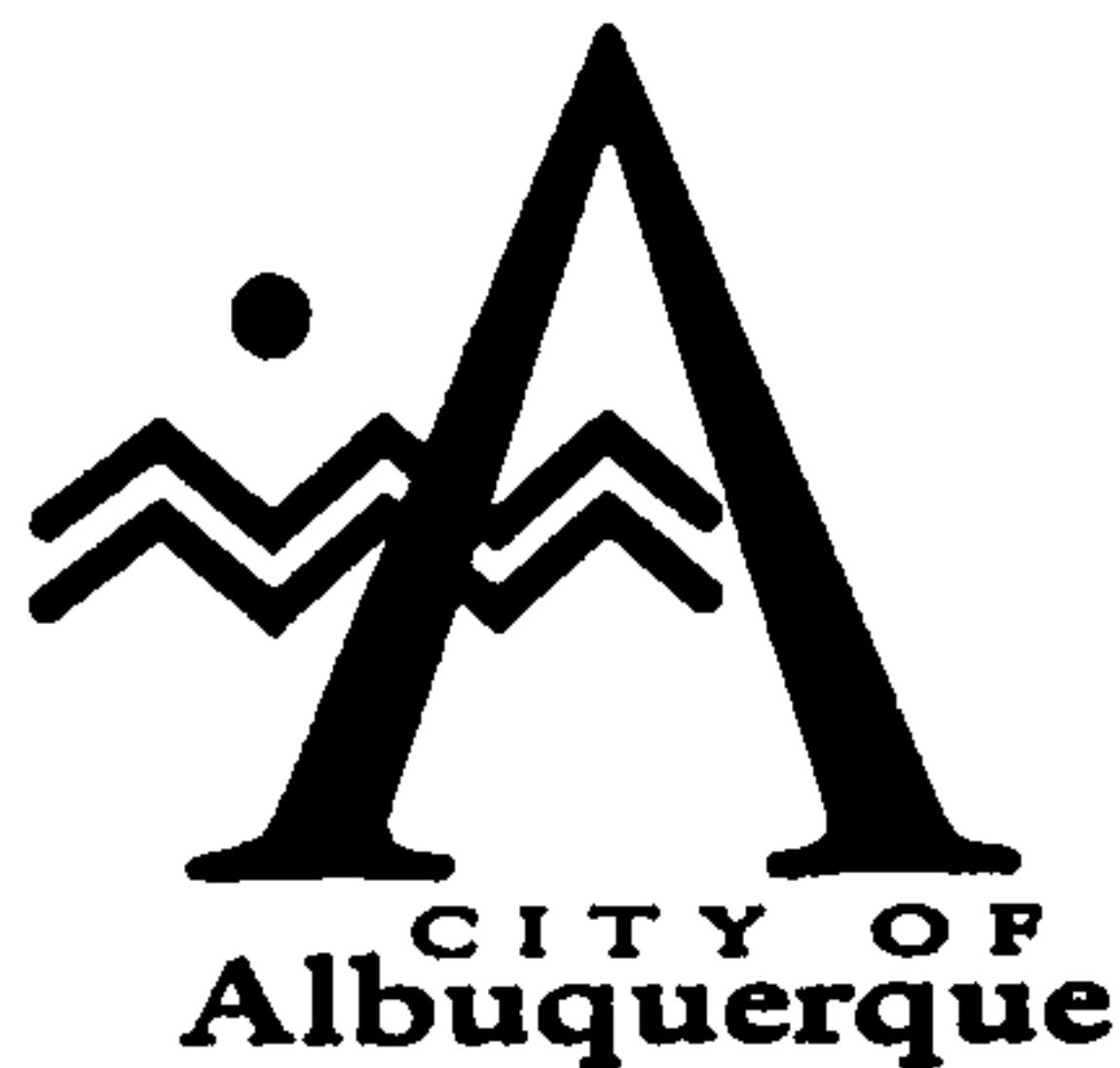
- ☒ YES (INFORMAL VIA E-MAIL)
☐ NO
☐ COPY PROVIDED

DATE SUBMITTED: 12/30/2010 BY: JEFFREY G. MORTENSEN
 XC: SAL WAR

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:

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.





September 22, 1998

Dan S. Aguirre, P.E.
Wilson & Company
4775 Indian School Road, NE - Suite 200
Albuquerque, NM 87110

Attn: Steve Salazar

**RE: SIERRA ALTERNATE SCHOOL SITE IMPROVEMENTS (H20-D33). GRADING &
DRAINAGE PLAN FOR PAVING PERMIT APPROVAL. ENGINEER'S STAMP
DATED AUGUST 12, 1998.**

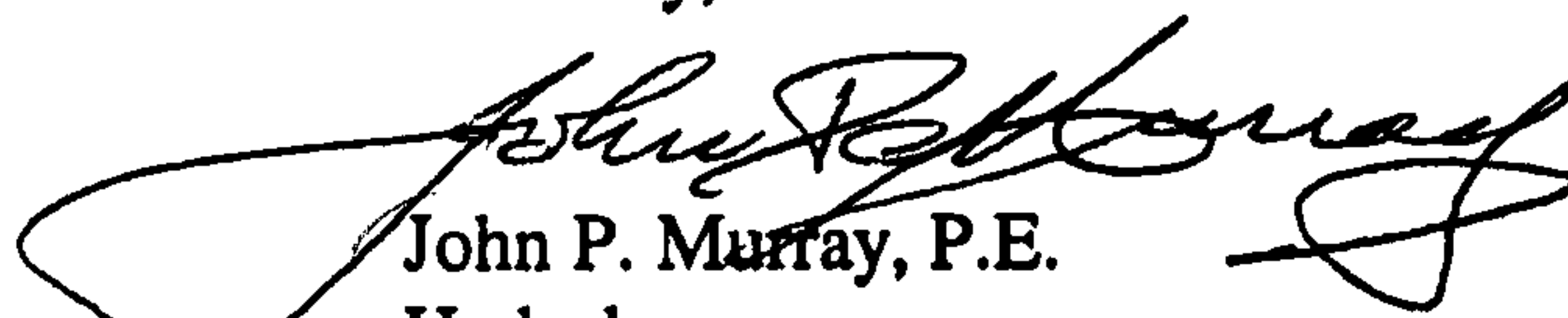
Dear Mr. Aguirre:

Based on the information provided on your August 13, 1998 submittal, the above referenced project is approved for Paving Permit.

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,

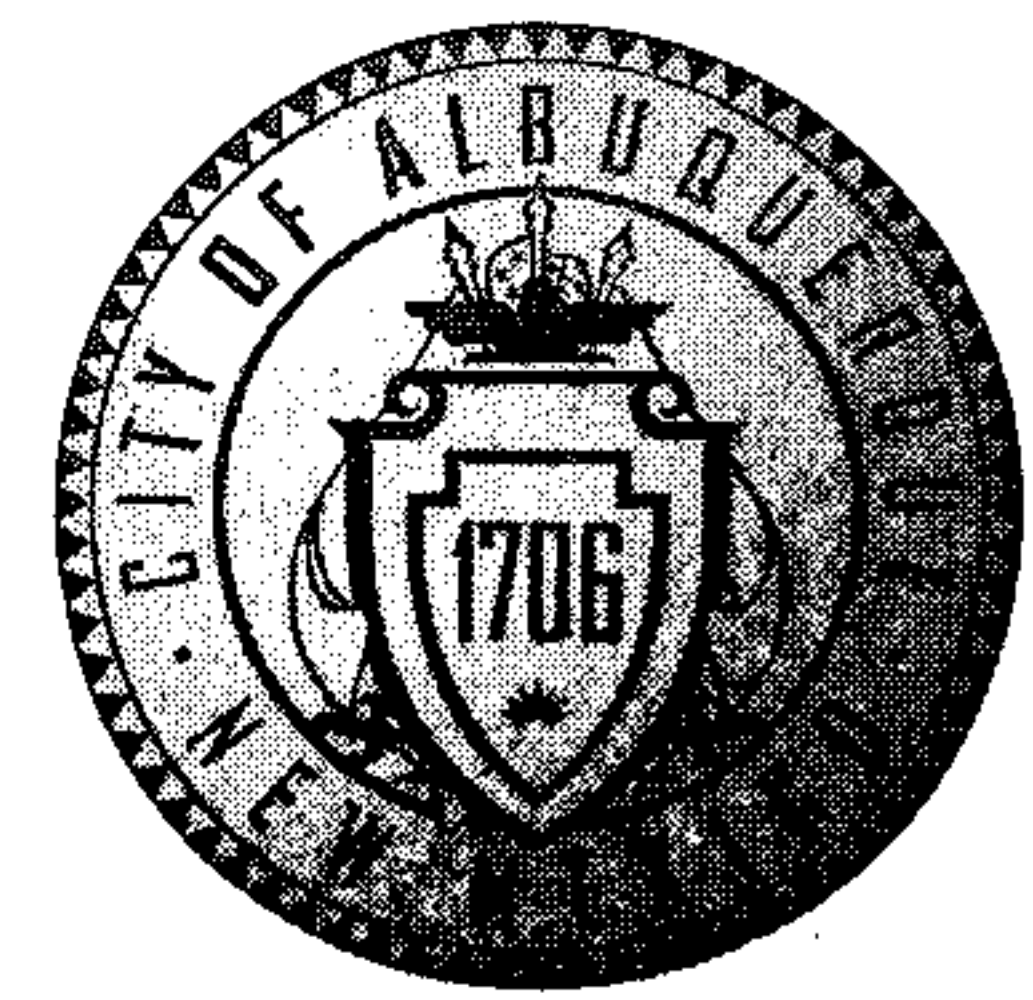

John P. Murray, P.E.
Hydrology

c: Andrew Garcia
/File

Good for You, Albuquerque!



CITY OF ALBUQUERQUE



**Planning Department
Transportation Development Services**

~~Date, 2015~~ 9/9/15

Mark De Pree
Westwork Architects
PO Box 10921
Albuquerque, NM 87184

**Re: Aztec Special Education Facility
2611 Eubank Blvd., NE
Traffic Circulation Layout
Engineer's/Architect's Stamp dated 7-27-15 (H20-D33)**

Dear Mr. De Pree,

Based upon the information provided in your submittal received 9-3-15, the above referenced plan cannot be approved for Building Permit until the following comments are addressed:

PO Box 1293

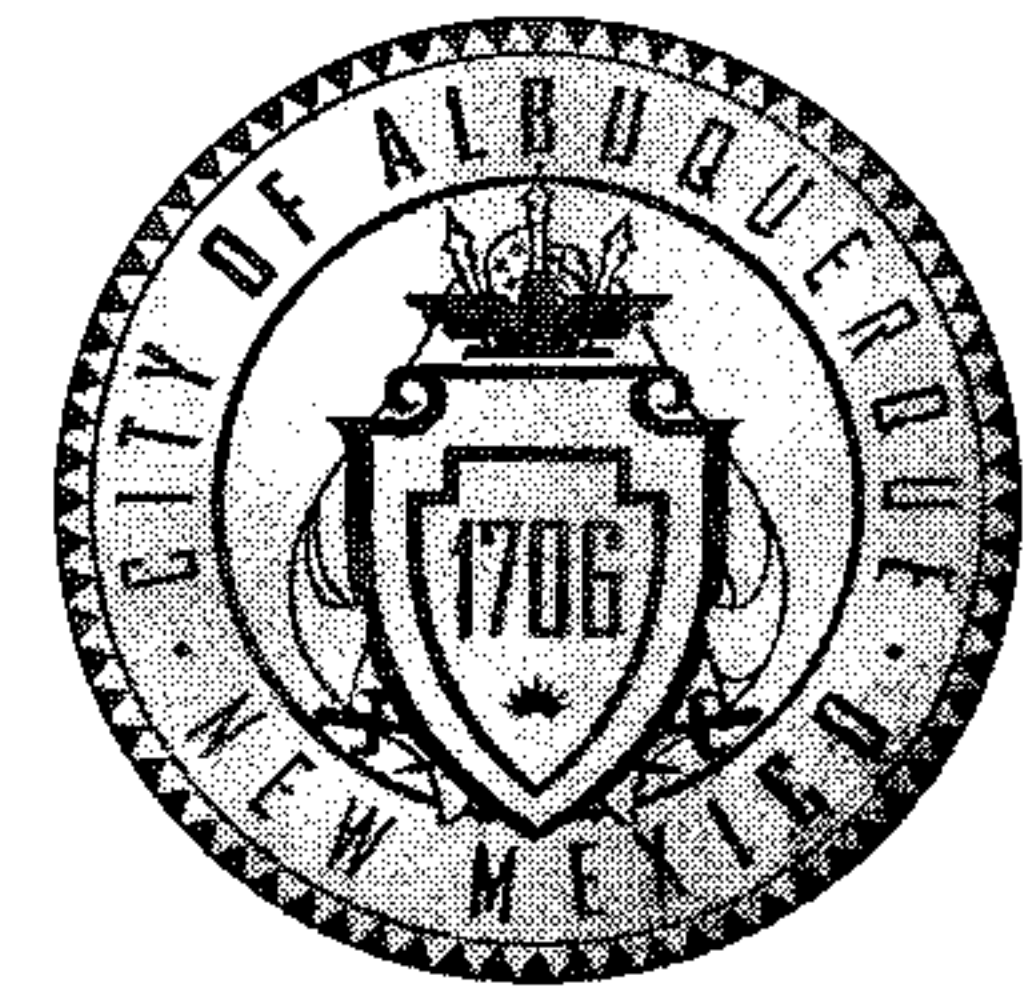
Albuquerque

New Mexico 87103

www.cabq.gov

1. Please show a vicinity map showing the location of the development in relation to streets and well known landmarks.
2. List the number of parking spaces required by the zoning code as well as the proposed number of parking spaces.
3. Please identify all existing buildings, doors, structures, sidewalks, curbs, drive pads, walls and anything that influences the parking and circulation on the site.
4. Please detail street width and curb cuts for Temporary Bus Lane.
5. Identify the right of way width, medians, curb cuts, and street widths on both Eubank Blvd. and Lexington Ave.
6. Please list the width and length for all parking spaces.
7. Label the compact parking spaces by placing the words "**COMPACT**" on the pavement of each space. Per review of drawing, AS-100 details 15 ft. parking spaces, which are considered compact spaces. However, on AS-101 the parking spaces are detailed as 20.6 ft. in length. Please clarify width and length off all parking spaces.
8. The handicap accessible spaces must be a minimum of 8.5 feet in width.
9. The handicap accessible spaces must include an 8-foot wide van access aisle; all other aisles should be 5 feet in width.
10. The ADA accessible parking sign must have the required language per 66-7-352.4C NMSA 1978 "**Violators Are Subject to a Fine and/or Towing.**"

CITY OF ALBUQUERQUE



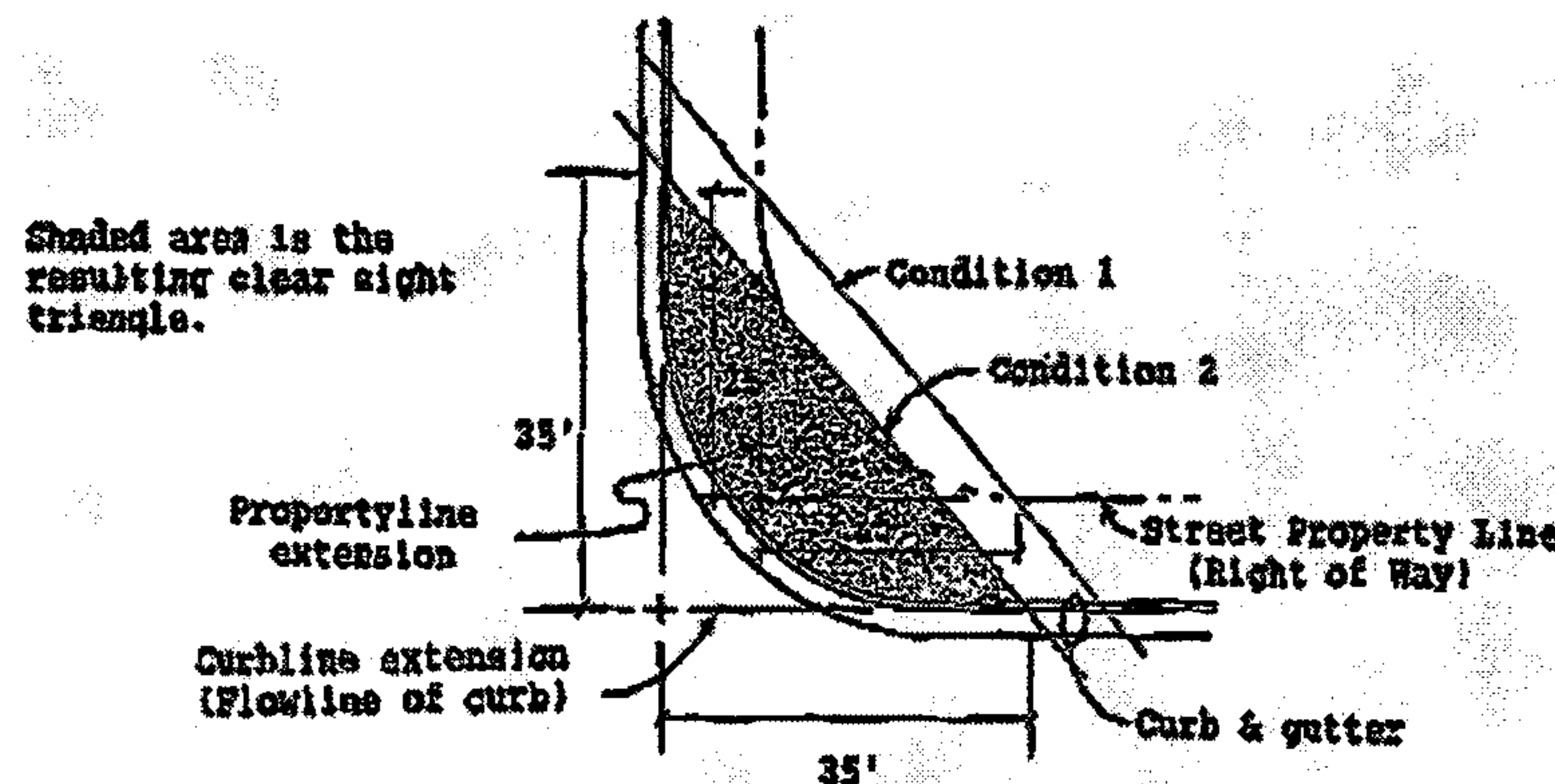
11. The ADA access aisle shall have the words **"NO PARKING"** in capital letters, each of which shall be at least one foot high and at least two inches wide, placed at the rear of the parking space so as to be close to where an adjacent vehicle's rear tire would be placed. (66-1-4.1.B NMSA 1978)
12. Per the DPM, a 6 ft. wide ADA accessible pedestrian pathway is required from the public sidewalk to the building entrances. Please clearly show this pathway and provide detail from Eubank Blvd. and Lexington Ave.
13. Per the DPM, a 6 ft. wide ADA accessible pedestrian pathway is required from the HC parking stall access aisles to the building entrances. Please detail this walkway from the new ADA handicap parking spaces and the re-stripped handicap parking spaces on the north west corner of the project site.
14. Provide a min 6" or max 8" high concrete barrier curb or other acceptable barrier between landscaping and parking areas and/or drive aisles.
15. Please clarify how the site meets clear sight triangle requirements.
16. Please provide a sight distance exhibit (see the *Development Process Manual, Chapter 23, Section 3, Part D.5 Intersection Sight Distance*). Please provide this detail from the entrances on Eubank Blvd.

PO Box 1293

Albuquerque

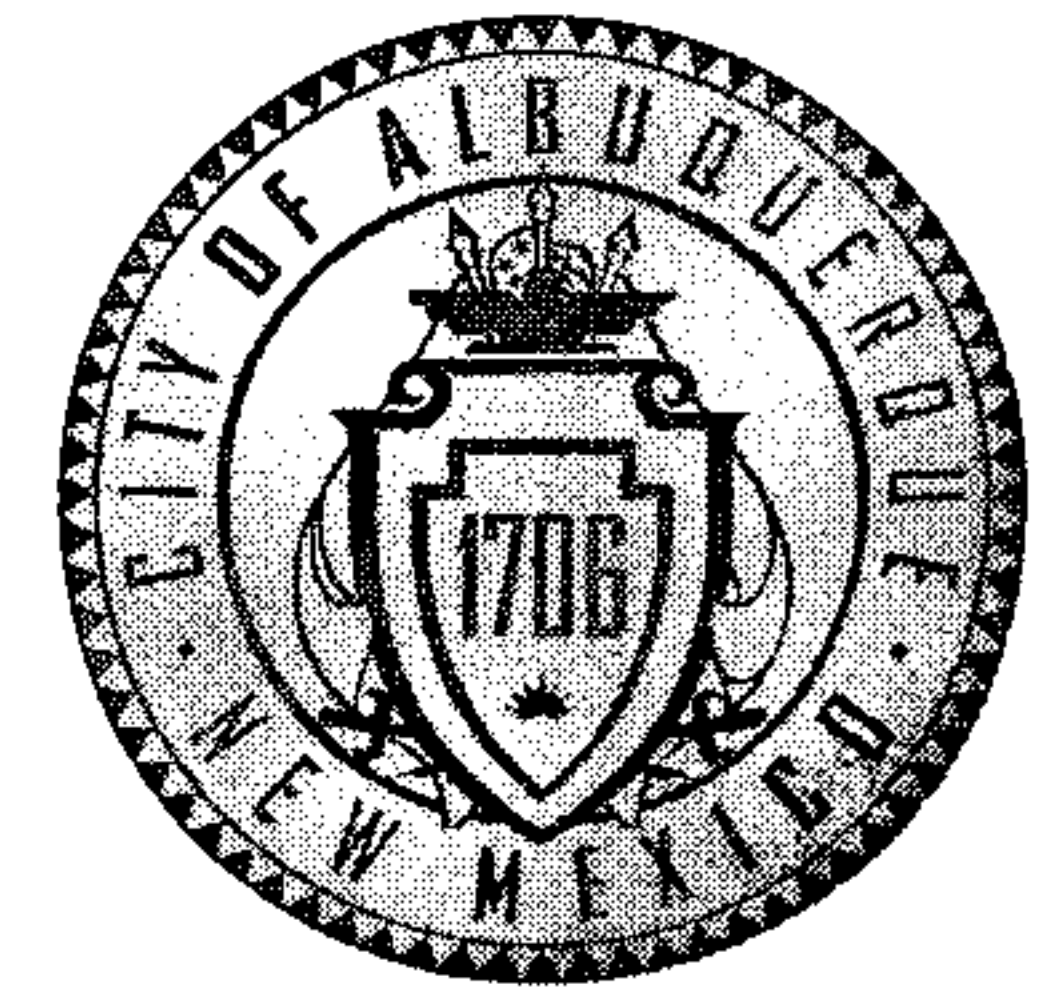
New Mexico 87103

www.cabq.gov



17. Please add the following note to the clear sight triangle: "Landscaping and signage will not interfere with clear sight requirements. Therefore, signs, walls, trees, and shrubbery between 3 and 8 feet tall (as measured from the gutter pan) will not be acceptable in this area."
18. Unused curb cuts must be replaced with sidewalk and curb & gutter. A build note must be provided referring to the appropriate City Standard drawing.

CITY OF ALBUQUERQUE



19. Please include two copies of the traffic circulation layout at the next submittal.

Resubmit acceptable package along with fully completed Drainage Transportation Information Sheet to front counter personnel for log in and evaluation by Transportation. If you have any questions, please contact Gary Sandoval (505) 924-3675 or me at 924-3991.

Sincerely,

A handwritten signature in black ink, appearing to read 'R Michel'.

Racquel M. Michel, P.E.
Traffic Engineer, Planning Dept.
Development Review Services

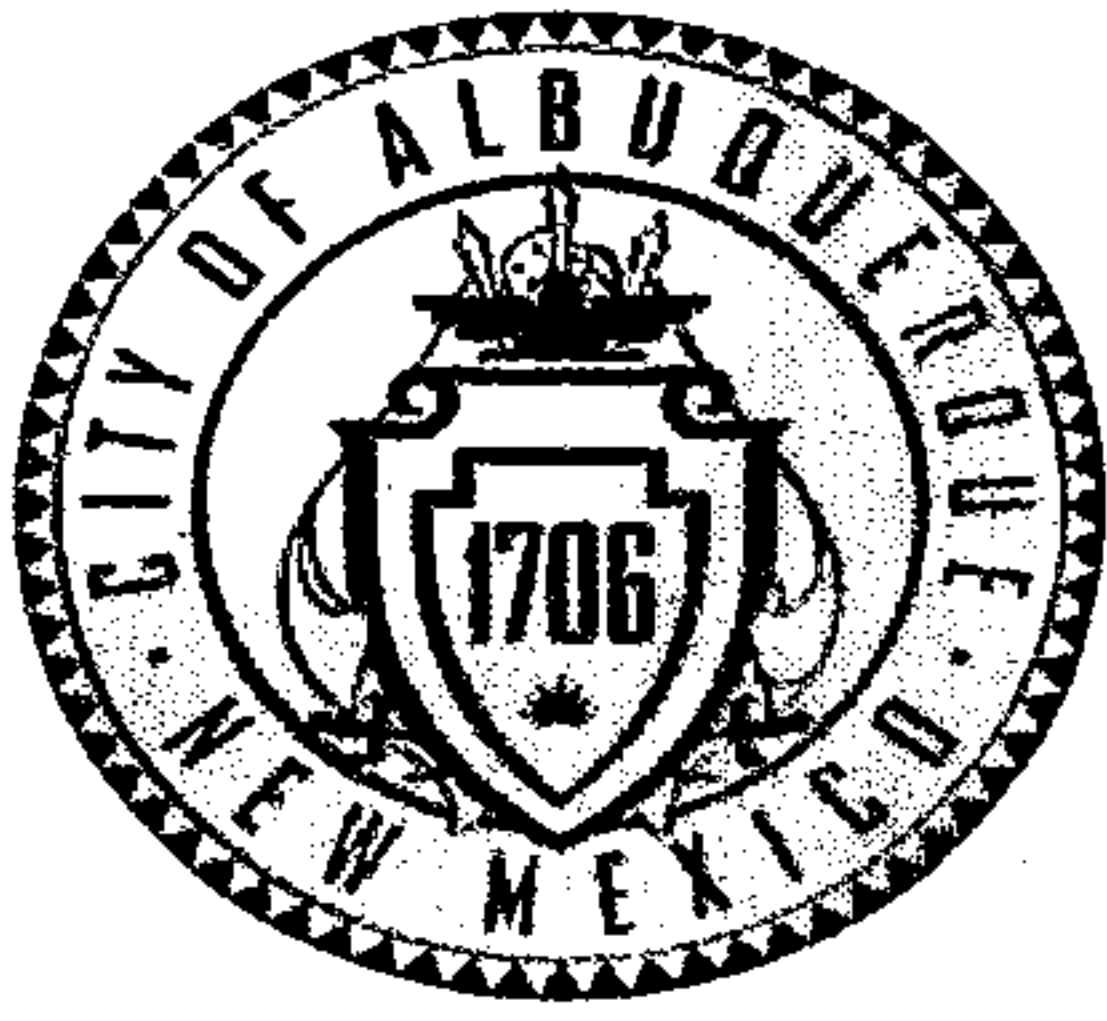
\gs via: email
C: CO Clerk, File

PO Box 1293

Albuquerque

New Mexico 87103

www.cabq.gov



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Project Title: AZTEC SPECIAL EDUCATION FACILITY Building Permit #: _____ City Drainage #: H20/D33

DRB#: _____ EPC#: _____ Work Order#: _____

Legal Description: TRACTS E AND F, LANDS OF BOARD OF EDUCATION, AZTEC ELEM. SCHOOL

City Address: 2611 EUBANK BLVD NE, ALBUQUERQUE NM 87110

Engineering Firm: High Mesa Consulting Group Contact: Graeme Means #13676

Address: 6010-B Midway Park Blvd NE, Albuquerque NM 87109

Phone#: 505-345-4250 Fax#: 505-345-4254 E-mail: gmeans@highmesacg.com

Owner: Albuquerque Public Schools Contact: Annelle Darby

Address: 915 Oak Street SE, 87106

Phone#: 848-8829 Fax#: _____ E-mail: annelle.darby@aps.edu

Architect: Westwork Architects Contact: Mark DePree

Address: PO Box 10921, Albuquerque NM 87184

Phone#: 884-5252 Fax#: 884-5255 E-mail: westwork@swcp.com

Surveyor: High Mesa Consulting Group Contact: Chuck Cala NMPS#11184

Address: 6010-B Midway Park Blvd NE, Albuquerque NM 87109

Phone#: 505-345-4250 Fax#: 505-345-4254 E-mail: ccala@highmesacg.com

Contractor: To be selected Contact: _____

Address: _____

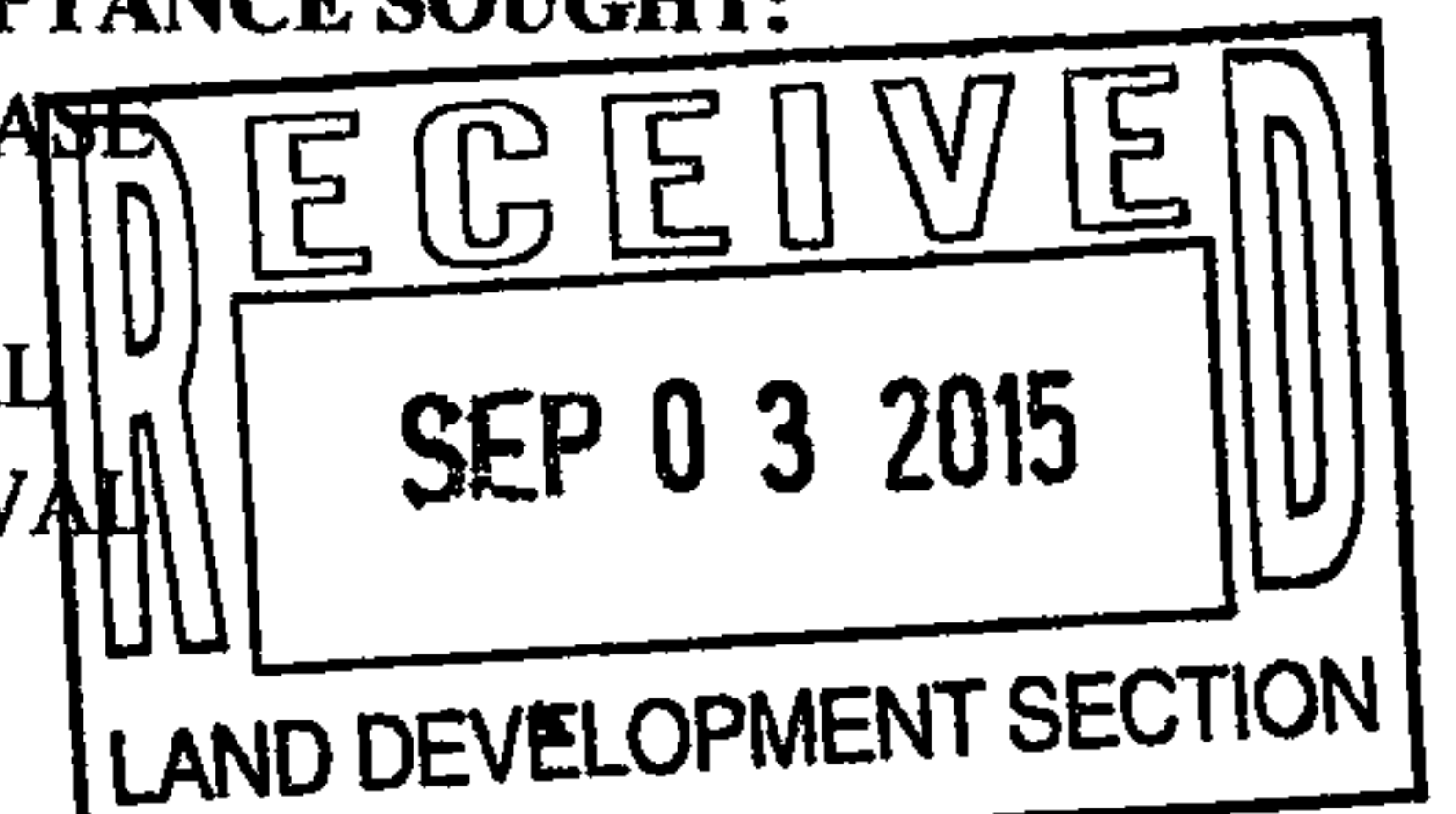
Phone#: _____ Fax#: _____ E-mail: _____

TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT (DMP)
- ☐ 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
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- ☐ PAVING PERMIT APPROVAL
- ☐ WORK ORDER APPROVAL
- ☐ GRADING CERTIFICATION
- ☐ SO-19 APPROVAL
- ☐ ESC PERMIT APPROVAL
- ☐ ESC CERT. ACCEPTANCE
- ☐ OTHER (DMP)



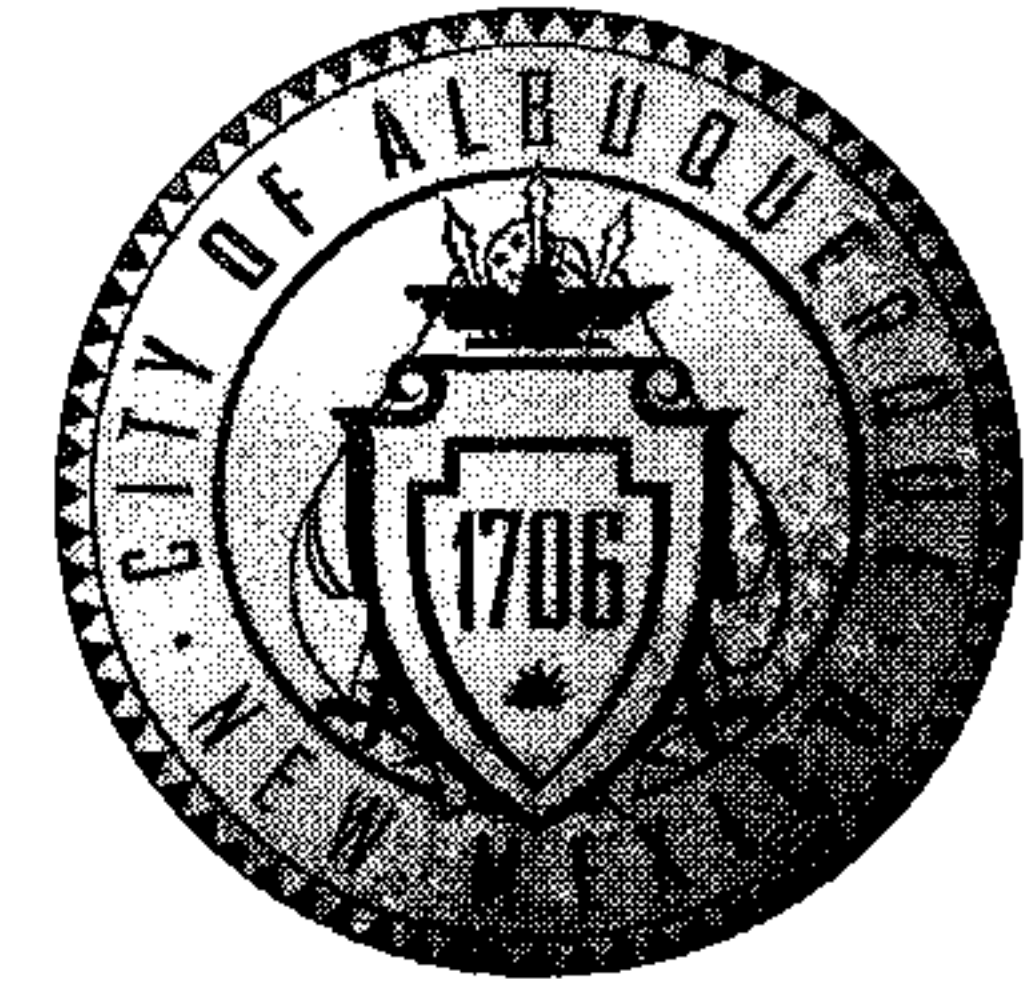
WAS A PRE-DESIGN CONFERENCE ATTENDED: _____ Yes ☒ No _____ Copy Provided _____

DATE SUBMITTED: 09/03/2015 By: Mark De Pree

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
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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

CITY OF ALBUQUERQUE



**Planning Department
Transportation Development Services**

September 23, 2015

Mark De Pree
Westwork Architects
PO Box 10921
Albuquerque, NM 87184

**Re: Aztec Special Education Facility
2611 Eubank Blvd., NE
Traffic Circulation Layout
Engineer's/Architect's Stamp dated 9-22-15 (H20-D033)**

Dear Mr. De Pree,

The TCL submittal received 9-22-15 is approved for Building Permit. A copy of the stamped and signed 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.

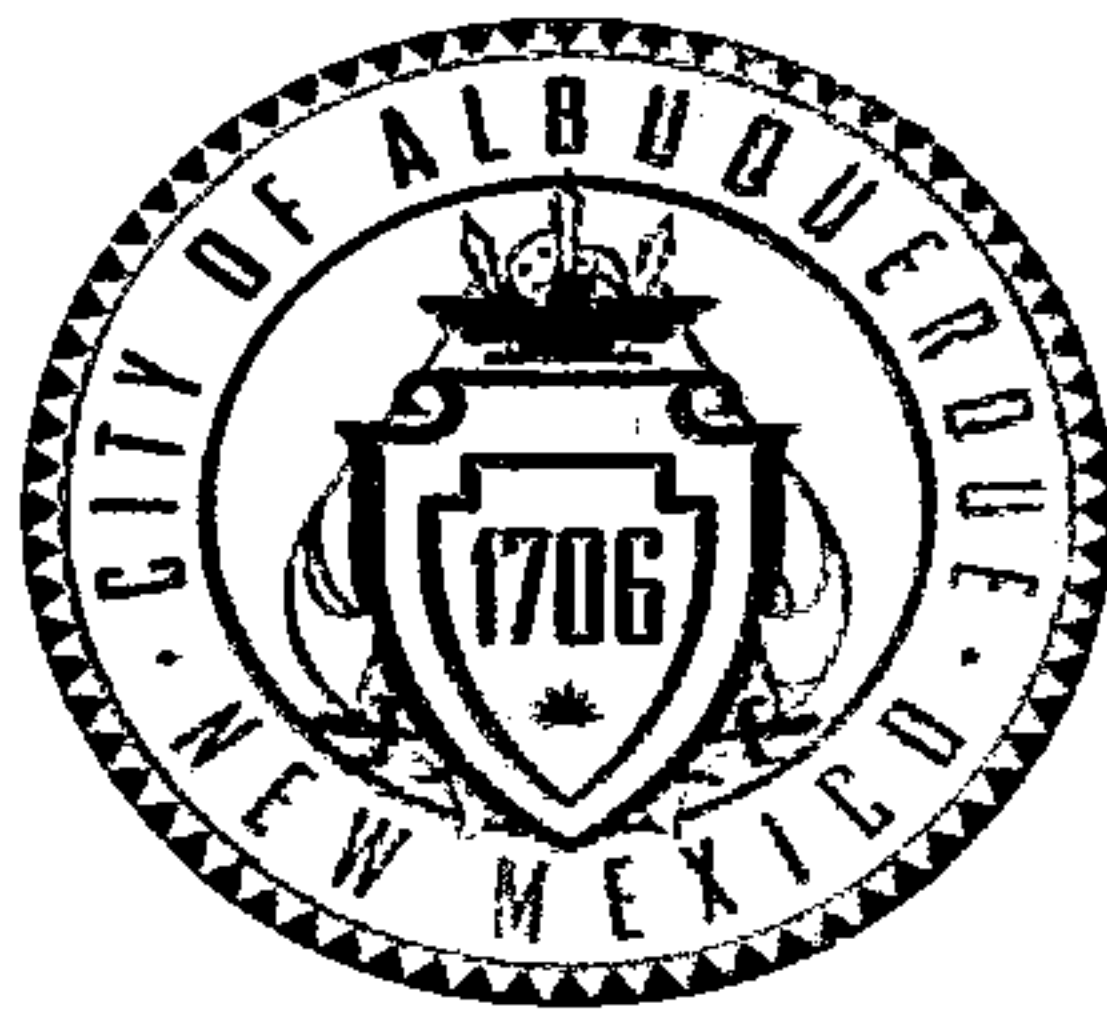
When the site construction is completed and a Certificate of Occupancy (C.O.) is requested, use the original City stamped approved TCL for certification. Redline any minor changes and adjustments that were made in the field. A NM registered architect or engineer must stamp, sign, and date the certification 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 front counter personnel for log in and evaluation by Transportation.

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 924-3690.

Sincerely,

Racquel M. Michel, P.E.
Traffic Engineer, Planning Dept.
Development Review Services

\gs via: email
C: CO Clerk, File



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Project Title: AZTEC SPECIAL EDUCATION FACILITY Building Permit #: _____ City Drainage #: H20/D33

DRB#: _____ EPC#: _____ Work Order#: _____

Legal Description: TRACTS E AND F, LANDS OF BOARD OF EDUCATION, AZTEC ELEM. SCHOOL

City Address: 2611 EUBANK BLVD NE, ALBUQUERQUE NM 87110

Engineering Firm: High Mesa Consulting Group Contact: Graeme Means #13676

Address: 6010-B Midway Park Blvd NE, Albuquerque NM 87109

Phone#: 505-345-4250 Fax#: 505-345-4254 E-mail: gmeans@highmesacg.com

Owner: Albuquerque Public Schools Contact: Annelle Darby

Address: 915 Oak Street SE, 87106

Phone#: 848-8829 Fax#: _____ E-mail: annelle.darby@aps.edu

Architect: Westwork Architects Contact: Mark DePree

Address: PO Box 10921, Albuquerque NM 87184

Phone#: 884-5252 Fax#: 884-5255 E-mail: westwork@swcp.com

Surveyor: High Mesa Consulting Group Contact: Chuck Cala NMPS#11184

Address: 6010-B Midway Park Blvd NE, Albuquerque NM 87109

Phone#: 505-345-4250 Fax#: 505-345-4254 E-mail: ccala@highmesacg.com

Contractor: To be selected Contact: _____

Address: _____

Phone#: _____ Fax#: _____ E-mail: _____

TYPE OF SUBMITTAL:

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

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- ☐ PRELIMINARY PLAT APPROVAL
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- ☐ 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 (DMP)



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

DATE SUBMITTED: 09/22/2015 By: Mark De Pree

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:

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