

CITY OF ALBUQUERQUE



**Planning Department
Transportation Development Services Section**

April 6, 2011

Isaac Benton, R.A.
Integrated Design & Architecture
9061/2 Park Avenue SW
Albuquerque, NM 87102

Re: Certification Submittal for a Permanent Building Certificate of Occupancy (C.O.)
for La Promesa Charter School, [L-10 / D007]
6800 Gonzales SW
Architect's Stamp Dated 04/05/11

Dear Mr. Benton:

Based upon the information provided in your submittal received 04-06-11,
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)924-3999.

Sincerely,

Richard Dourte, P.E.
City Engineer
Development and Building Services
Planning Department

c: Engineer
Hydrology file
CO Clerk

PO Box 1293

Albuquerque

NM 87103

www.cabq.gov

Mr. Nilo Salgado-Fernandez, P.E.
City of Albuquerque
Transportation Development
Planning Department
600 2nd St. NW
Albuquerque, NM 87103

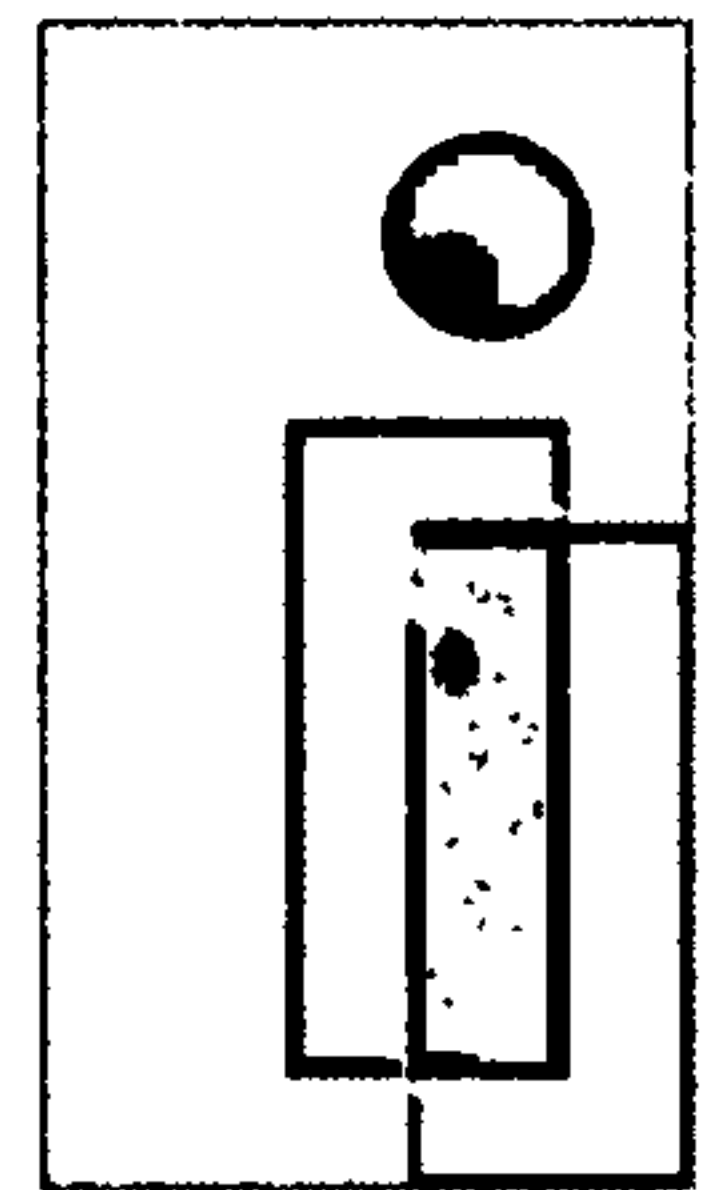
April 5, 2011

Re: Traffic 'TCL' Certification

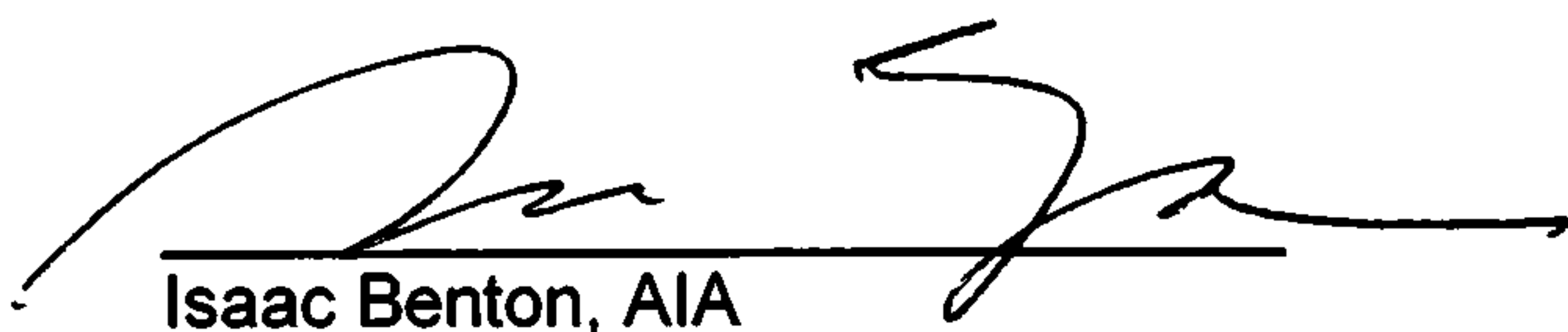
Dear Mr. Salgado-Fernandez:

I, Isaac Benton, AIA, of the firm Integrated Design & Architecture, hereby certify that this project is in substantial compliance with and in accordance with the design intent of the approved TCL plan (L10-D007) dated 11-01-10. The record information edited onto the original design document has been obtained by Isaac Benton of the firm Integrated Design & Architecture. I further certify that I have personally visited the project site on April 1, 2011 and have determined by visual inspection that the data provided is representative of actual site conditions and is true and correct to the best of my knowledge and belief.

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.



integrated
design architecture


Isaac Benton, AIA

Date 4/5/11

6800 GONZALES
OK P.D. 4-6-11.
REC 4-6-11



CITY OF ALBUQUERQUE



November 1, 2010

Isaac Benton Jr., R.A.
Integrated Design & Architecture
906 ½ Park Avenue SW
Albuquerque, NM 87102

Re: La Promesa Charter School, 6900 Gonzales Rd SW, Traffic Circulation Layout
Architect's Stamp dated 11-01-10 (L10-D007)

Dear Mr. Benton,

The TCL submittal received 10-26-10 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.**

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.

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.

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.
Traffic Engineer, Planning Dept.
Development and Building Services

C: File

PO Box 1293

Albuquerque

NM 87103

www.cabq.gov

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 12/2005)

PROJECT TITLE: LA PROMESA CHARTER SCHOOL ZONE MAP: K-10
 DRB#: _____ EPC#: _____ WORK ORDER#: _____

LEGAL DESCRIPTION: LOTS 150 & 151 TOWN OF ATRISCO GRANT, UNIT 6
 CITY ADDRESS: 6900 GONZALES ROAD SW

ENGINEERING FIRM: APPLIED ENGR & SURVEY CONTACT: GILBERT ALDIZ
 ADDRESS: 1605 BLAIR DR NE PHONE: 480-8125
 CITY, STATE: ABQ, N.M. ZIP CODE: 87112

OWNER: Y.E.S. HOUSING CONTACT: JOE ORTEGA
 ADDRESS: 104 ROMA NW PHONE: 923-9607
 CITY, STATE: ABQ, N.M. ZIP CODE: 87102

ARCHITECT: INTEGRATED DESIGN & ARCHITECTURE CONTACT: ISAAC BOUTON
 ADDRESS: 906 1/2 PARK AVE. S.W. PHONE: 243-3499
 CITY, STATE: ABQ, N.M. ZIP CODE: 87102

SURVEYOR: CARTESIAN SURVEYS CONTACT: _____
 ADDRESS: P.O. BOX 44414 PHONE: 896-3050
 CITY, STATE: RIO RANCHO, NM ZIP CODE: 87174

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

TYPE OF SUBMITTAL:

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

CHECK TYPE OF APPROVAL 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
- ☐ 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) _____

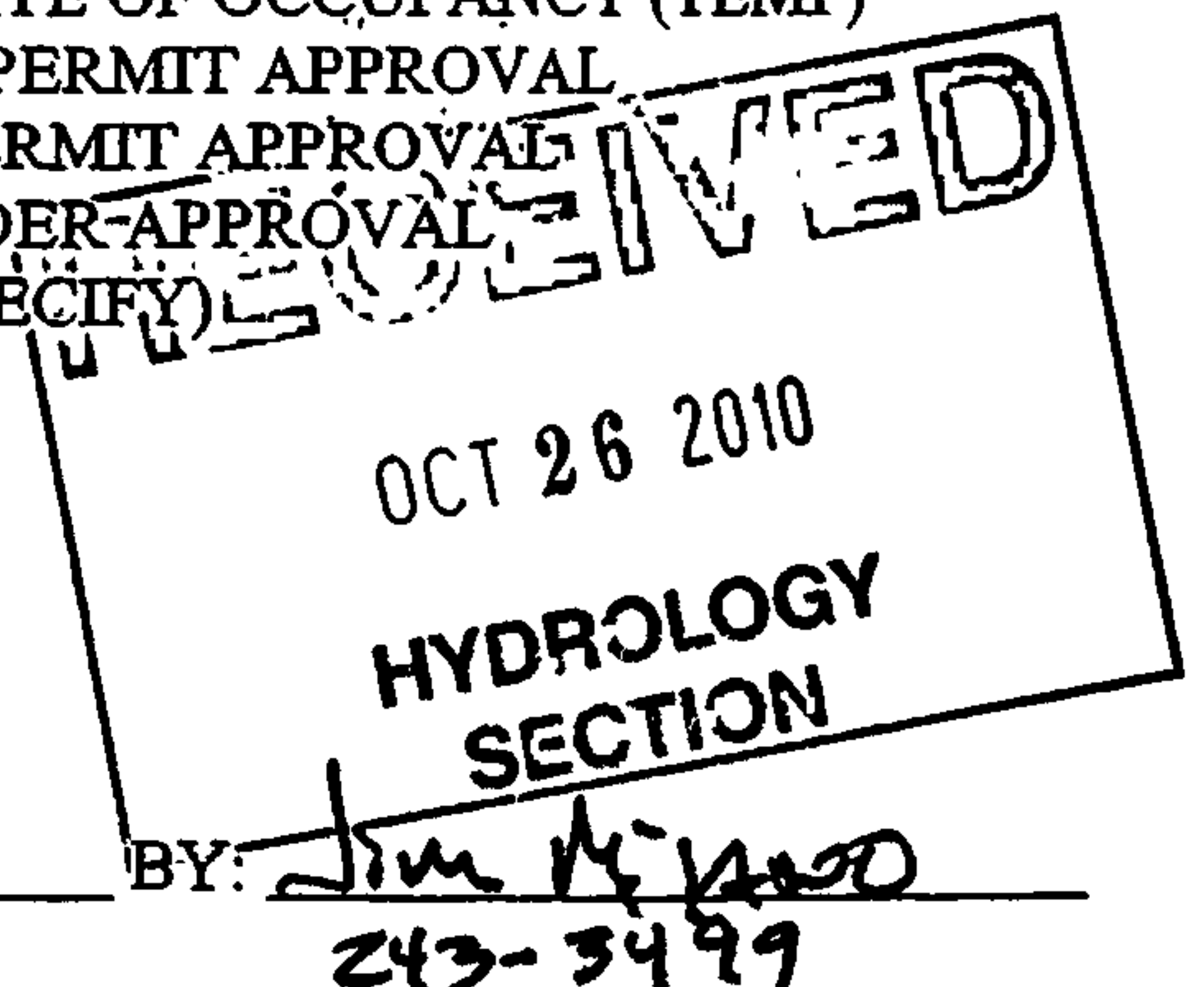
WAS A PRE-DESIGN CONFERENCE ATTENDED:

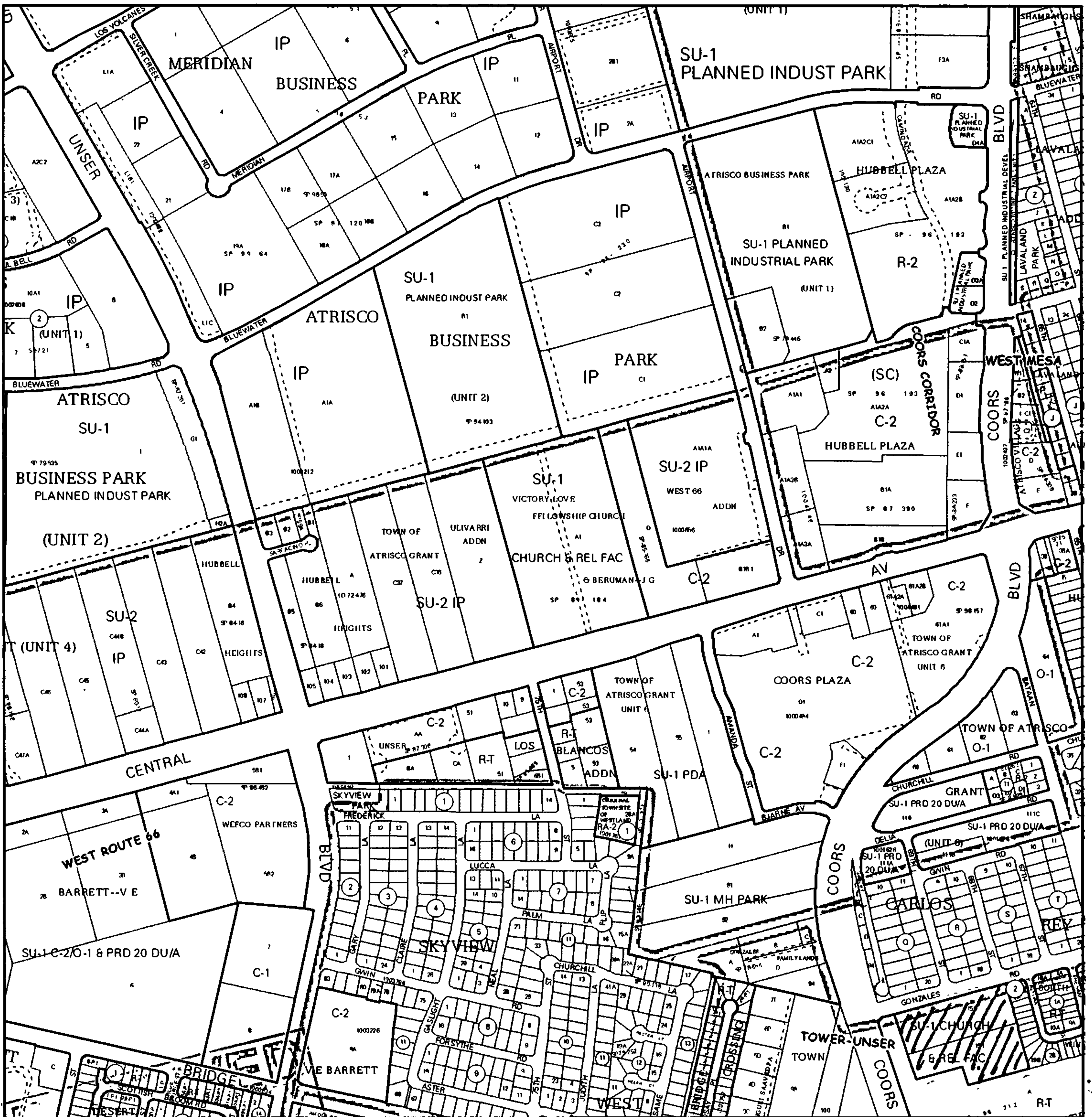
- ☒ YES - KRISTAL METRO - 10-4-10
☐ NO
☒ COPY PROVIDED

DATE SUBMITTED: Oct. 26, 2010 BY: Jim K. [Signature]
243-3499

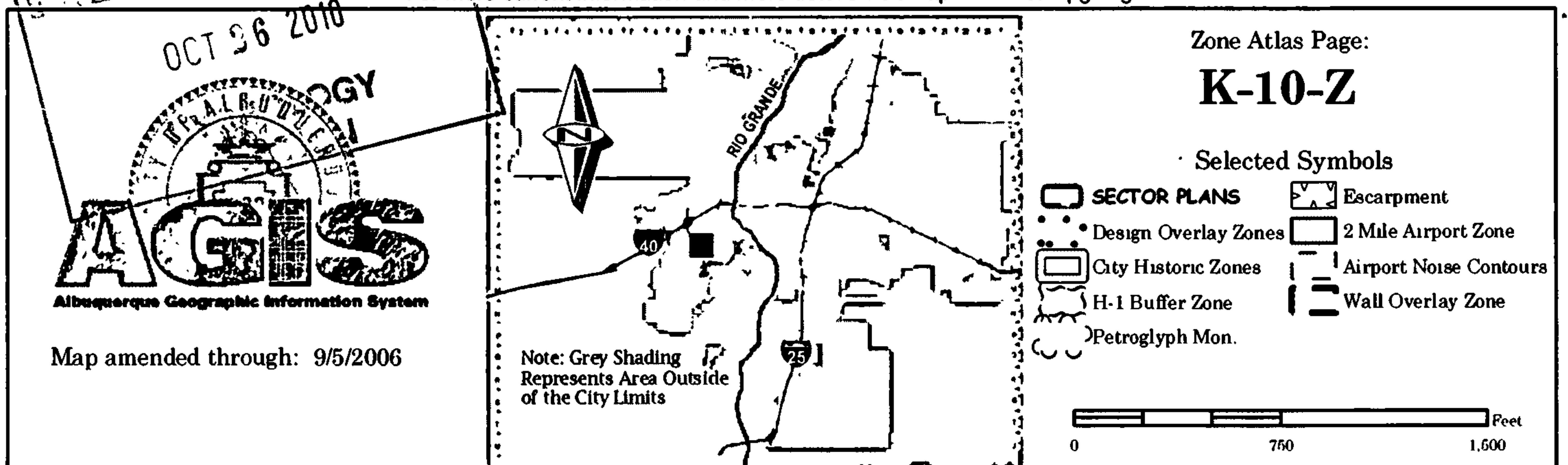
Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location, and scope to the proposed development defines the degree of drainage detail. One or more of the following levels of submittal may be required based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





For more current information and more details visit: <http://www.cabq.gov/gis>



CITY OF ALBUQUERQUE



September 16, 2010

Gilbert Aldaz, P.E.
Applied Engineering
1605 Blair Dr. NE
Albuquerque, NM 87112

**Re: La Promesa Charter School, Gonzales & Coors
Grading and Drainage Plan
Engineer's Stamp dated 09-07-10 (L10-D007)**

Dear Mr. Aldaz,

Based upon the information provided in your submittal received 09-07-10, the above referenced plan is approved for Preliminary Plat and Final Plat action by DRB and Building Permit. Please attach a copy of this approved plan to the construction sets prior to sign-off by Hydrology.

This project requires a National Pollutant Discharge Elimination System (NPDES) permit for storm water discharge.

This project requires a Topsoil Disturbance Permit since it is disturbing $\frac{3}{4}$ of an acre or more.

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 924-3695.

Sincerely,

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

C: Brad Bingham
File



September 7, 2010

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

RE: YOUR LETTER DATED AUGUST 16, 2010 FOR LA PROMESA CHARTER
SCHOOL, GONZALES AND COORS GRADING AND DRAINAGE PLAN,
ENGINEER'S STAMP DATED 08-16-10 (L-10/D007)

Dear Mr. Cherne:

Please consider the following changes that were incorporated with this revised plan:

- Added a 2nd sheet that now shows the entire site.
- The 2nd sheet shows the existing and proposed lot lines.
- The north arrow has been reoriented.
- The future building footprint is now shown.
- The ponding notes now identify the water surface elevation for each of the ponds.

If you should have any questions, please do not hesitate to call me at 480-8125.

Sincerely,

A handwritten signature in black ink, appearing to read 'Gilbert Aldaz', written over the printed name.

Gilbert Aldaz, P.E. and P.S.

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/28/2003rd)

PROJECT TITLE: LA PROMESSA CHARTER SCHOOL ZONE MAP/DRG. FILE #: L-10/D7
ORB #: _____ EPC#: _____ WORK ORDER#: _____

LEGAL DESCRIPTION: Lots 150 & 151, Town of Atrisco Grant, Unit 6
CITY ADDRESS: Gonzales Road & Cobos Blvd

ENGINEERING FIRM: Applied Engr & Survey Inc.
ADDRESS: 1605 Blair Drive NE
CITY, STATE: Albuquerque, NM

CONTACT: Gilbert Aldaz
PHONE: 480-8125
ZIP CODE: 87112

OWNER: Yes Housing
ADDRESS: 104 Roma NW
CITY, STATE: Albuquerque, NM

CONTACT: Joseph Ortega
PHONE: 254-1373
ZIP CODE: 87102

ARCHITECT: Integrated Design & Arch
ADDRESS: 624 Tijeras Ave NW
CITY, STATE: Albuq., NM

CONTACT: Ike Bentor
PHONE: 243-3499
ZIP CODE: 87102

SURVEYOR: _____
ADDRESS: _____
CITY, STATE: _____

CONTACT: _____
PHONE: _____
ZIP CODE: _____

CONTRACTOR: _____
ADDRESS: _____
CITY, STATE: _____

CONTACT: _____
PHONE: _____
ZIP CODE: _____

CHECK TYPE OF SUBMITTAL:

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

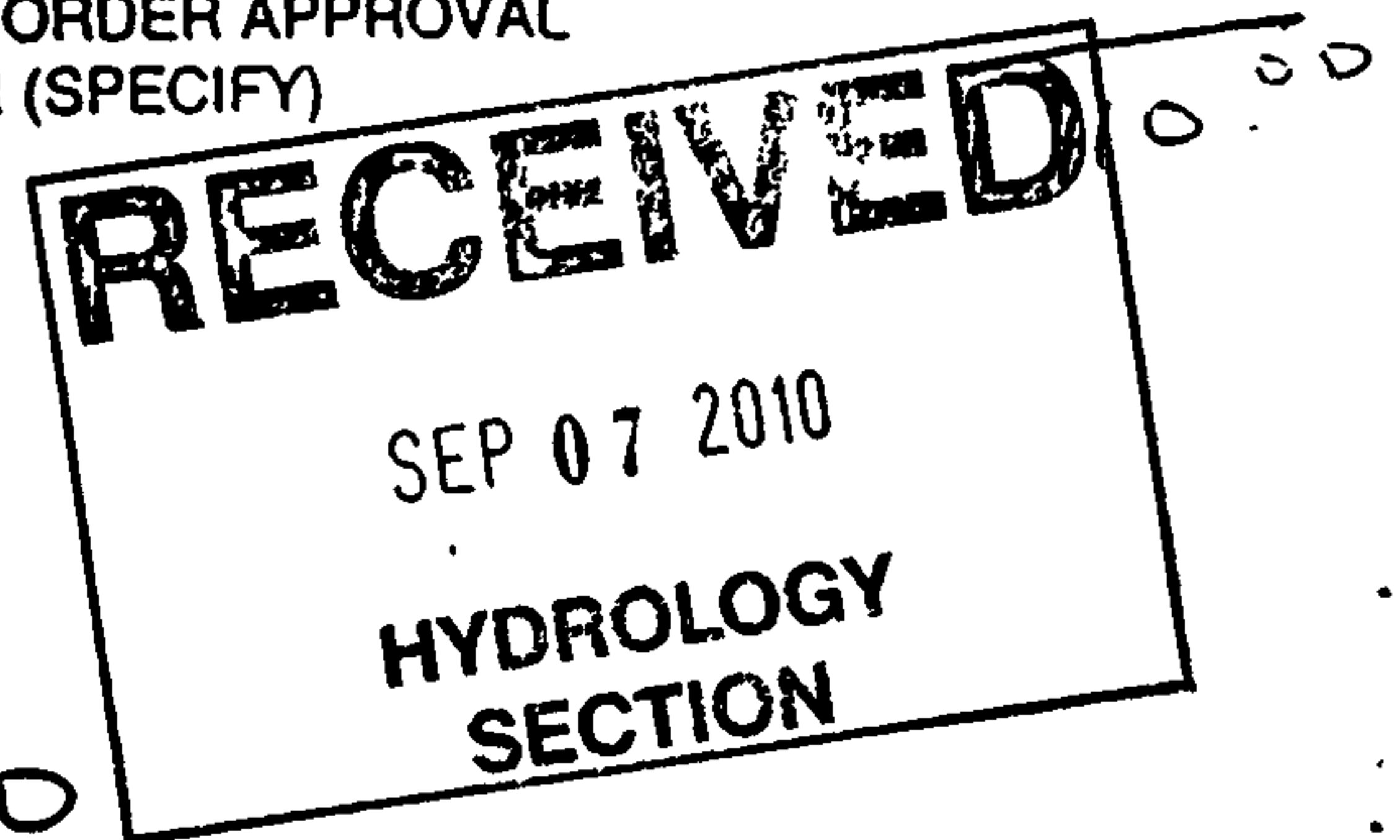
CHECK TYPE OF APPROVAL SOUGHT:

- ☒ SIA / FINANCIAL GUARANTEE RELEASE
- ☒ PRELIMINARY PLAT APPROVAL *50 + 10 + 60*
- ☐ 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 *50.00*
- ☐ 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 - Brod Bingham 07-09-10
- ☐ NO
- ☐ COPY PROVIDED

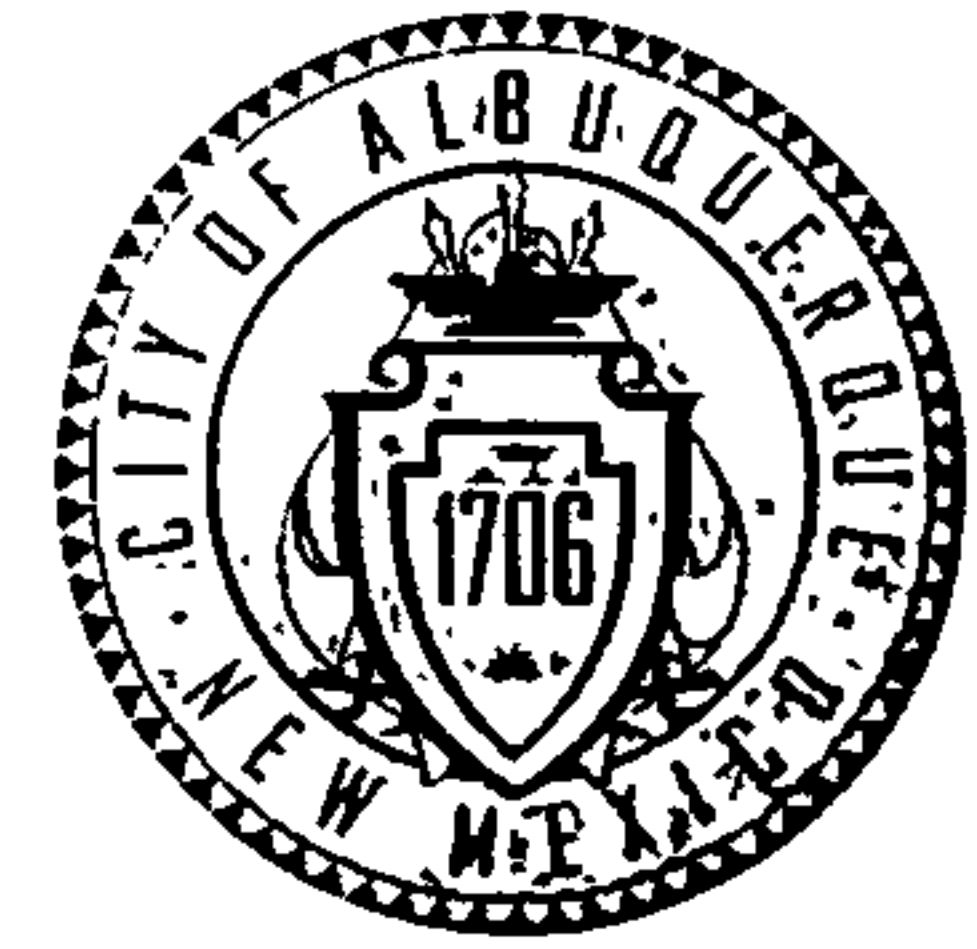
DATE SUBMITTED: GILBERT ALDAZ BY: 09-07-10



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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3. **Drainage Report:** Required for subdivisions containing more than ten (10) lots or constituting five (5) acres or more.

CITY OF ALBUQUERQUE



March 31, 2011

Gilbert Aldaz, P.E.
Applied Engineering & Survey
1605 Blair Dr. NE
Albuquerque, NM 87112

**Re: La Promessa Charter School, 6900 Gonzales Rd SW,
Request for Permanent C.O. - Approved
Engineer's Stamp dated: 09-07-10 (L-10/D007)
Certification dated: 03-19-11**

Dear Mr. Aldaz,

Based upon the information provided in the Certification received 03-29-11, the above referenced Certification is approved for a release of a Permanent Certificate of Occupancy by Hydrology.

PO Box 1293

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

Albuquerque

Sincerely,

Timothy E. Sims,
Plan Checker—Hydrology Section
Development and Building Services

NM 87103

www.cabq.gov

C: CO Clerk—Katrina Sigala
File

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/28/2003rd)

PROJECT TITLE: LA PROMESSA CHARTER SCHOOL ZONE MAP/DRG. FILE #: L-10/D7
 ORB #: _____ EPC#: _____ WORK ORDER#: _____

LEGAL DESCRIPTION: Lots 150 & 151 Town of Atrisco Grant, Unit 6
 CITY ADDRESS: Gonzales Road & Cobos Blvd

ENGINEERING FIRM: Applied Engr & Survey Inc.
 ADDRESS: 1605 Blair Drive NE
 CITY, STATE: Albuquerque, NM

CONTACT: Gilbert Aldaz
 PHONE: 480-8125
 ZIP CODE: 87112

OWNER: Yes Housing
 ADDRESS: 104 Ronda NW
 CITY, STATE: Albuquerque, NM

CONTACT: Joseph Ortega
 PHONE: 254-1373
 ZIP CODE: 87102

ARCHITECT: Integrated Design & Arch
 ADDRESS: 624 Tijeras Ave NW
 CITY, STATE: Albuq., NM

CONTACT: Ike Bentor
 PHONE: 243-3499
 ZIP CODE: 87102

SURVEYOR: _____
 ADDRESS: _____
 CITY, STATE: _____

CONTACT: _____
 PHONE: _____
 ZIP CODE: _____

CONTRACTOR: _____
 ADDRESS: _____
 CITY, STATE: _____

CONTACT: _____
 PHONE: _____
 ZIP CODE: _____

CHECK TYPE OF SUBMITTAL:

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

CHECK TYPE OF APPROVAL SOUGHT:

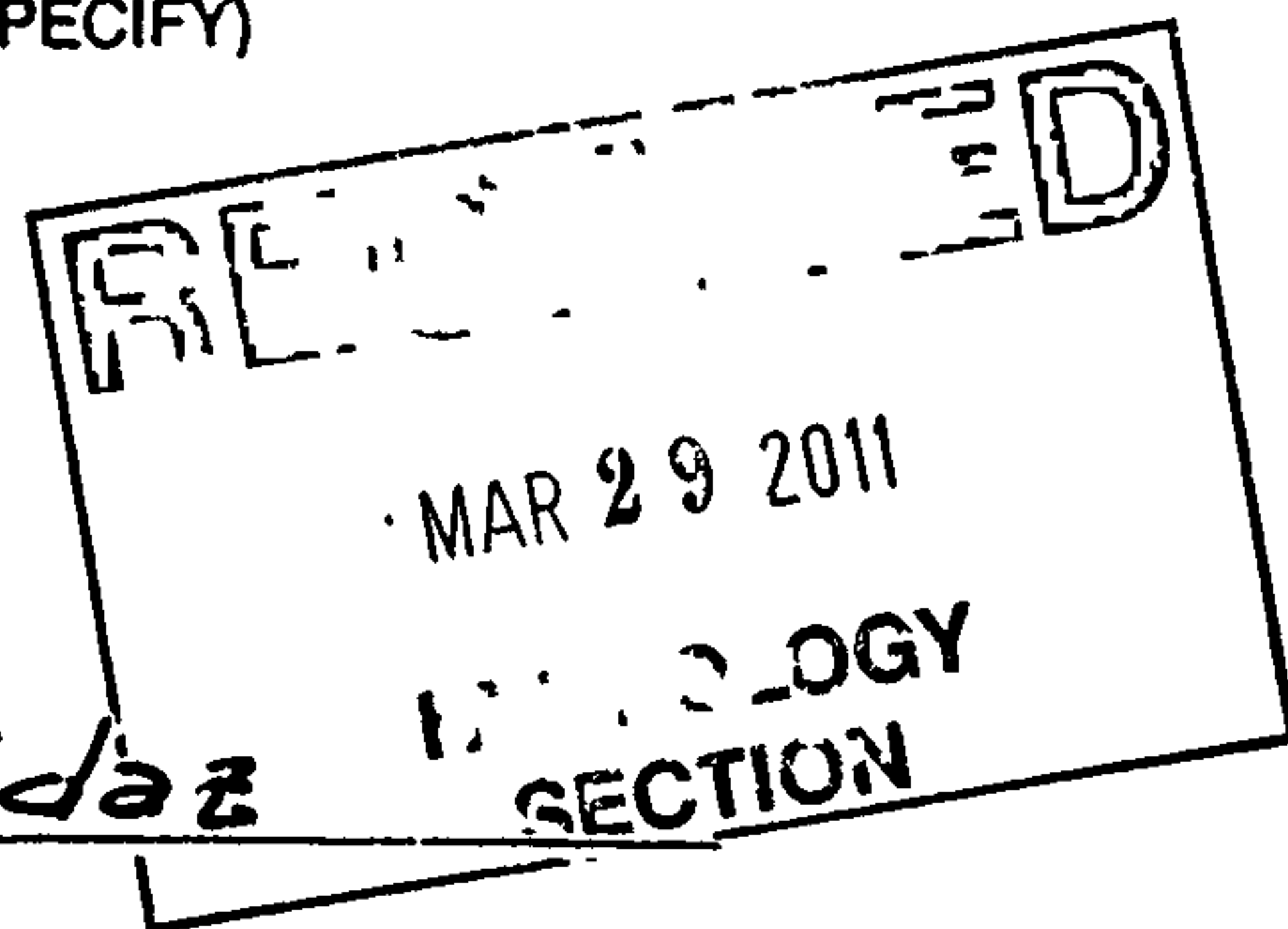
- ☐ SIA / FINANCIAL GUARANTEE RELEASE
- ☐ PRELIMINARY PLAT APPROVAL
- ☐ S. DEV. PLAN FOR SUB'D. APPROVAL
- ☐ S. DEV. PLAN FOR BLDG. PERMIT APPROVAL
- ☐ SECTOR PLAN APPROVAL
- ☐ FINAL PLAT APPROVAL
- ☐ FOUNDATION PERMIT APPROVAL
- ☒ BUILDING PERMIT APPROVAL
- ☒ CERTIFICATE OF OCCUPANCY (PERM.)
- ☐ CERTIFICATE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

WAS A PRE-DESIGN CONFERENCE ATTENDED:

- ☒ YES - Brad Bingham 07-09-10
- ☐ NO
- ☐ COPY PROVIDED

DATE SUBMITTED: 03-21-11

BY: Gilbert Aldaz



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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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.

Timothy Sims
Plan Checker—Hydrology
Planning Department
Development & Building Services Division
600 2nd St. NW, Suite 201
Albuquerque, NM 87102

September 23, 1013

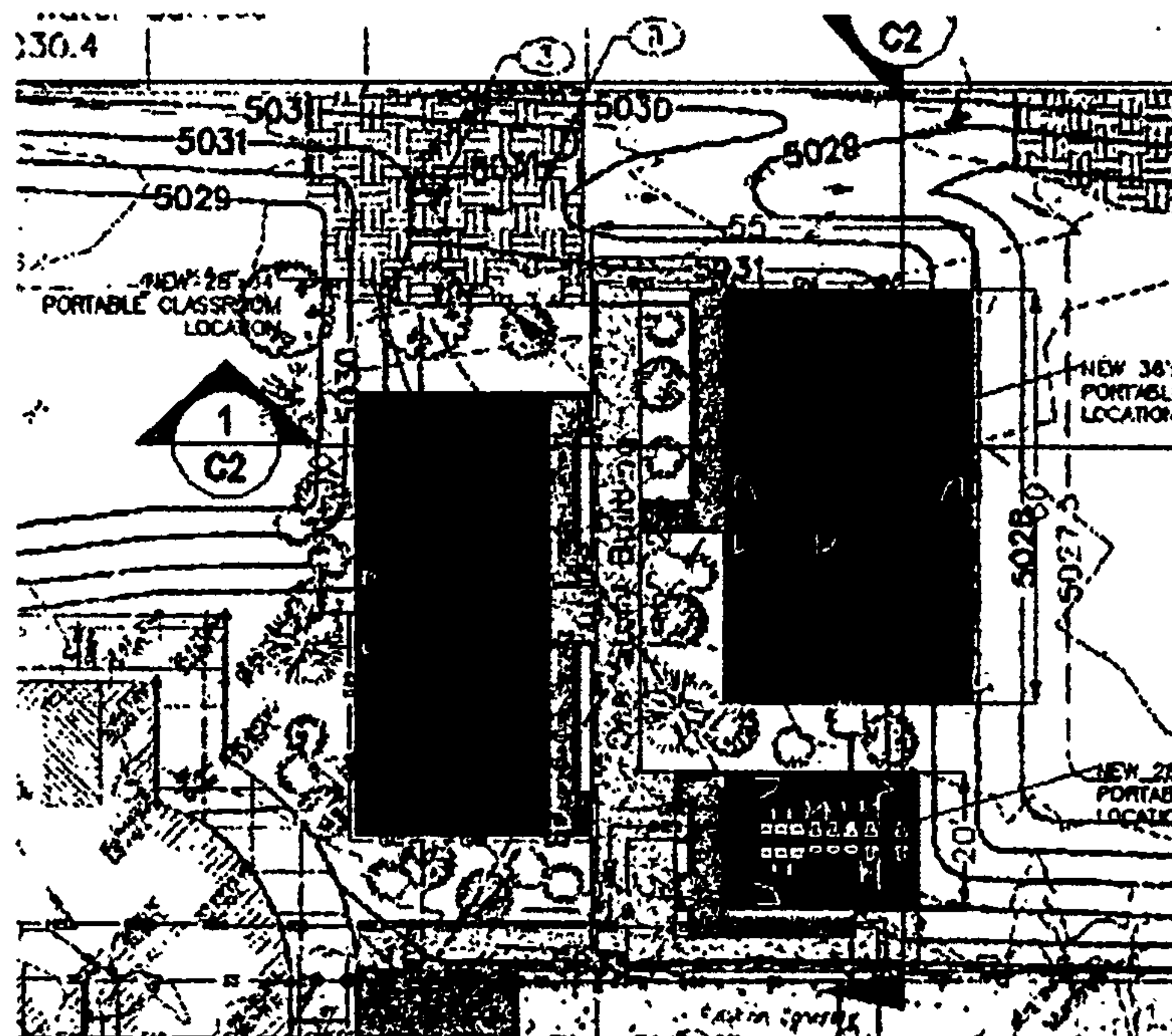
Re: Reduction in Retention Pond capacity at Nuestros Valores Charter School, Albuquerque, NM

Mr. Sims

You will find below our methodology and calculations showing the proposed reduction of the retention pond capacity at the Nuestros Valores Charter School. This minor reduction in the pond's capacities are required to provide adequate foundation support for the new portable classroom facilities the school needs to accommodate an increase in the student population.

The basis for these calculations is the site plans submitted to the City of Albuquerque in 2009 for the building of the current school infrastructure. The "Proposed Grading/Drainage Improvements" plan in this submittal shows the locations, contours and 100 year rainfall event depths for three retention ponds located to the east and west of the main school facility. Additionally, the drawing shows the area for a "Future One Story Building" which was graded to accommodate the anticipated future growth of the school. This area is where the client would like to locate the new buildings, which will be three portable classroom buildings instead of a one story structure. It should be noted that all three of the existing retention ponds are interconnected, allowing water transfer between the three ponds.

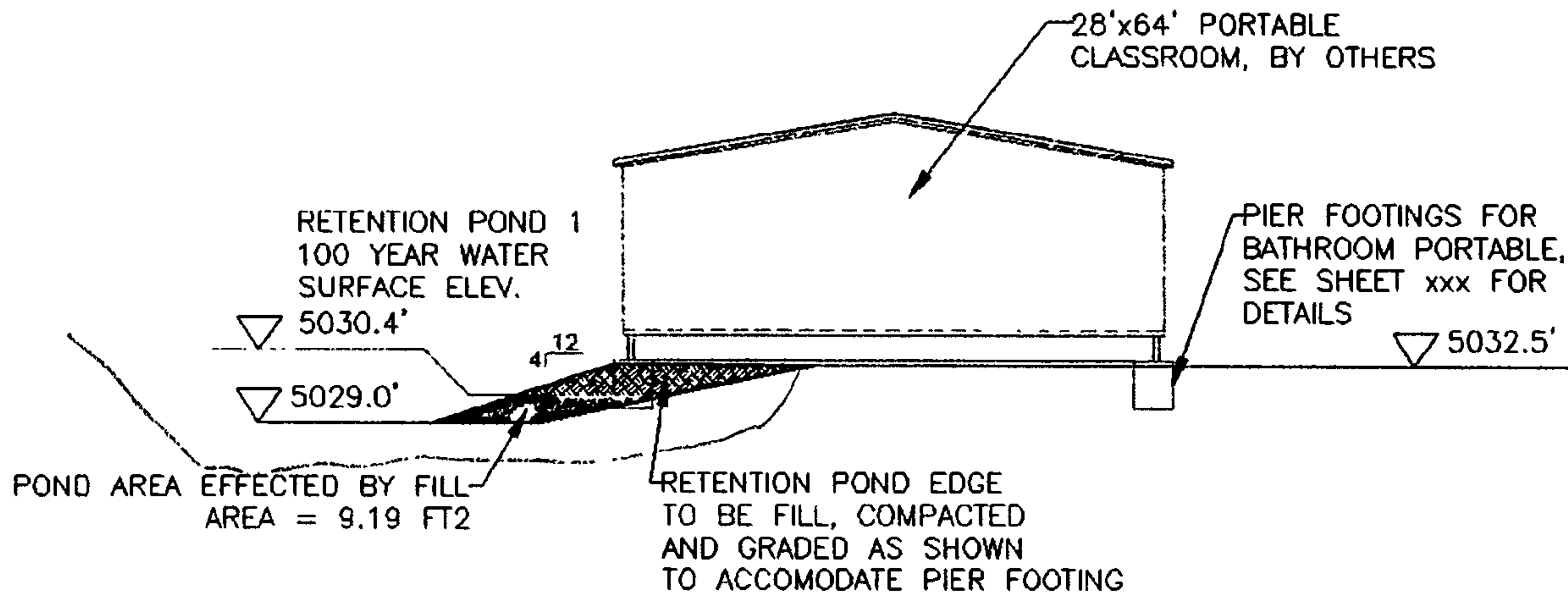
Because of the sizes of the new portable classrooms and the architectural requirements between the classrooms, the new buildings were sited so as to encroach upon retention ponds 1 and 2 along their southern and northern edges, respectively. In addition, the building layout will extend into the drainage link between retention ponds 1 and 2 along the western edge of the link. Retention Pond 3 is not affected by the new building locations. This layout is shown in the figure shown below.



New Portable Buildings Layout

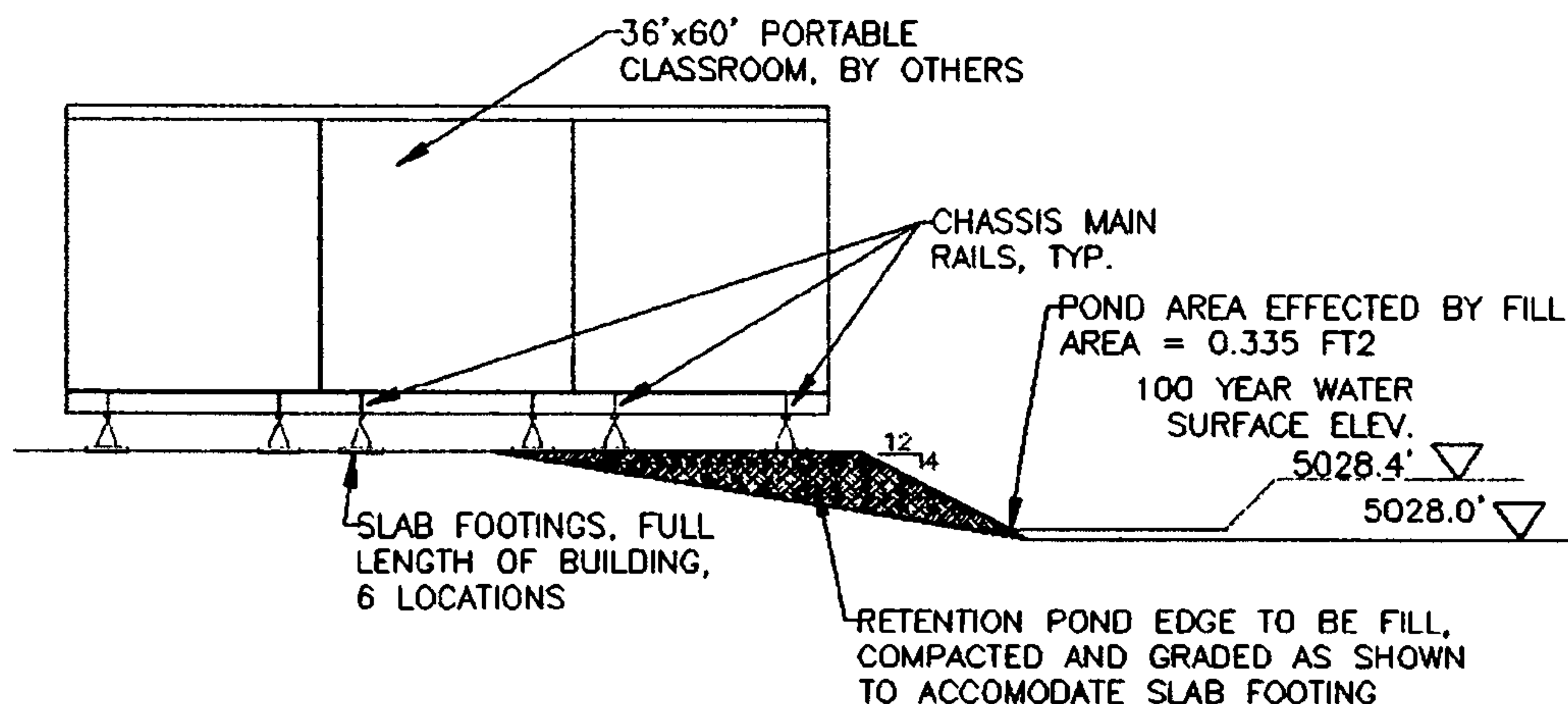
In determining the effect that the portable buildings will have on the existing retention ponds, cross sections were drawn to show the extent of encroachment that the bank modifications will have on the existing retention ponds sides.

Starting with Retention Pond 1, we have drawn the cross section through the pond and adjacent building which shows this encroachment. It should be noted that this condition occurs only along a 31'-10" length of the southern portion of retention Pond 1 and not along the entire length of the southern side. This length is itself conservative since it does not account for the corner bend of the pond. This condition is shown below.



The area of fill that affects the capacity of Retention Pond 1 as shown above is 9.19 ft². This occurs for a conservative length of 31'-10" along the southern edge of Retention Pond 1. The corresponding volume that is removed from water storage of the pond based upon the 100 Year Water Surface Elevation is conservatively calculated at 293 ft³. This reduces the capacity of Retention Pond 1 from 11,566 ft³ to 11,273 ft³, a 2.6% reduction in the retention pond capacity and still above the required capacity of 11,099 ft³.

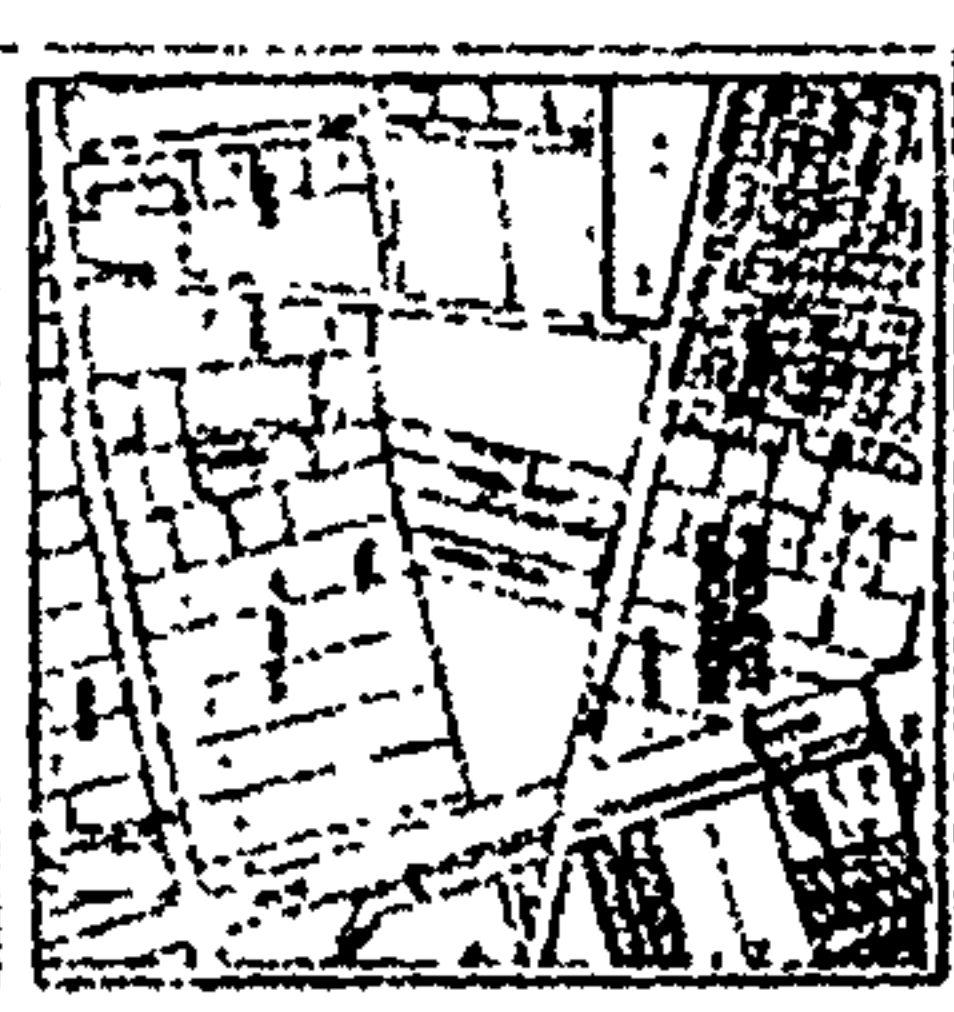
Considering Retention Pond 2 in the same manner, we show the cross section through the large portable adjacent to Retention Pond 2. The length of fill occurs along the entire 60' of the building side and is shown in the sketch below. The area of fill that affects the capacity of Retention Pond 2 based upon the 100 Year Water Surface Elevation as shown below is 0.335 ft². This occurs for a length of 60'-0" along the northern edge of Retention Pond 2. The corresponding volume that is removed for water storage from the pond is conservatively calculated at 20.1 ft³. This reduces the capacity of Retention Pond 2 from 8,906 ft³ to 8,885.9 ft³, a 0.2% in the retention pond capacity and still above the required capacity of 8,175 ft³.



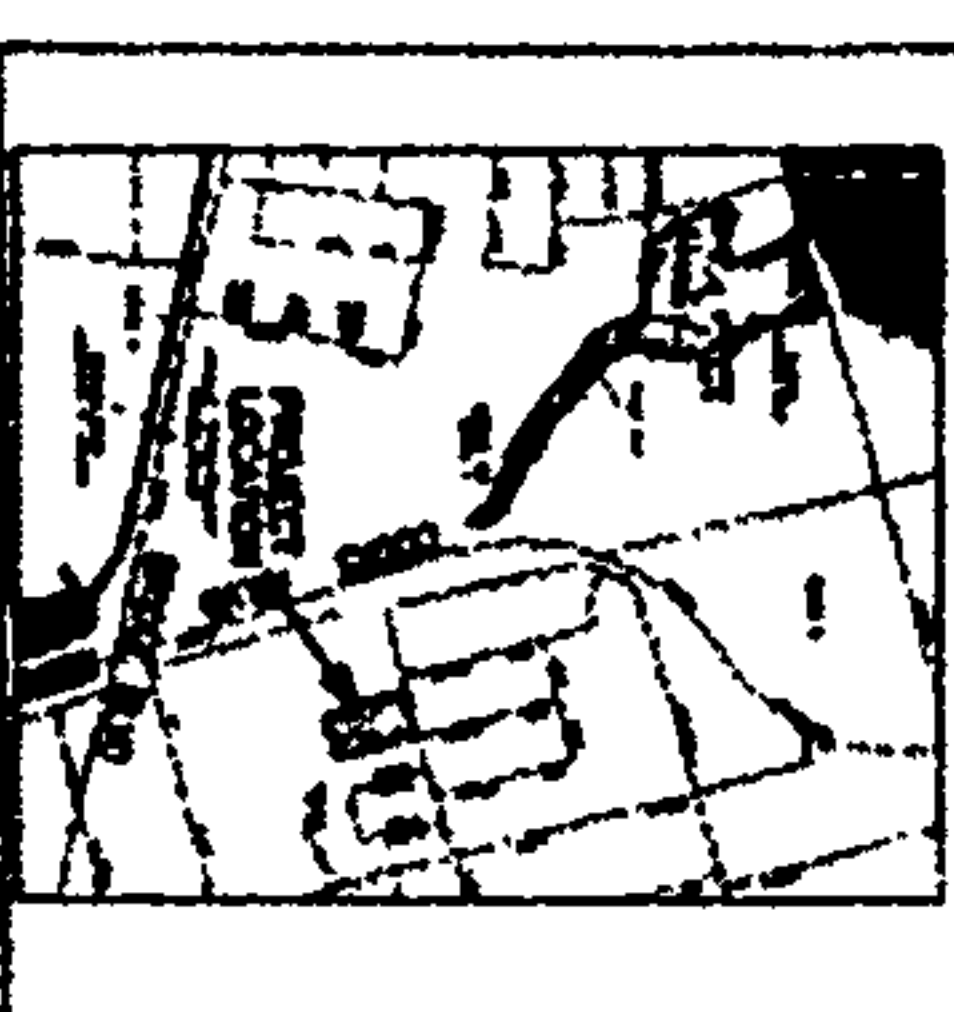
18G P/W Cedros



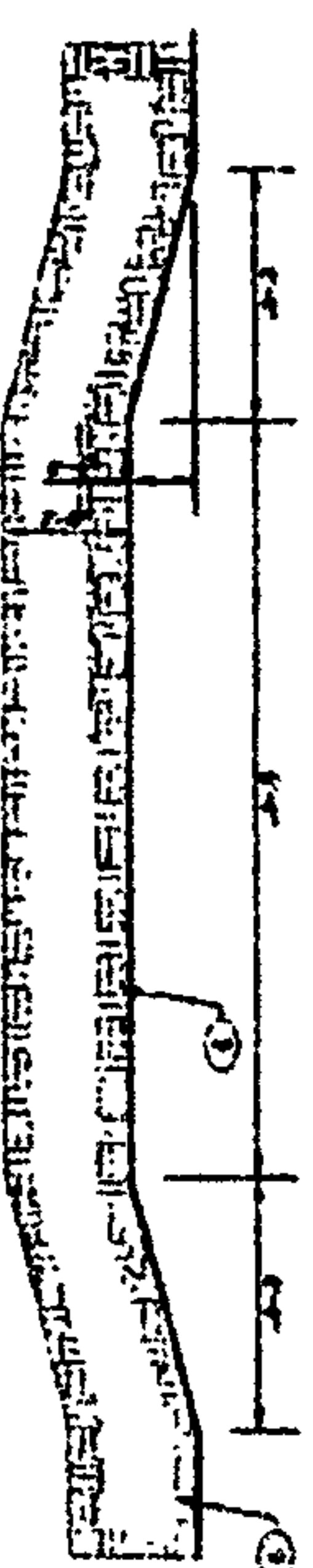
- SECRET**



FROM MAP 35001C0320D
FILE R12



TYPICAL SPILLWAY - LONGITUDINAL VIEW
Scale: 1" = 1'-0"



TYPICAL SPILLWAY - CROSS SECTION VIEW
SCALE: 1" = 1'-0"



APPLIED ENGINEERING AND
SURVEYING, INC.
ONE INVESTMENT COURT
EAST RUTHERFORD, NEW JERSEY

[illegible]

CONSULTANTS

PROFESSIONAL SEAL



**LA PROMESSA
CHARTER SCHOOL
ALTERNATIVE, NEW BRUNSWICK**

[illegible]

**PROPOSED
GRADING/DRAINAGE
IMPROVEMENTS**

C-101

As stated previously, the retaining pond system design in the 2009 drawings is a network of three retention ponds connected by spillways with differing exit elevations for Pond 1 to Pond 2 and for Pond 3 to Pond 2. These elevations are 5030.4 and 5031.5 respectively. An additional check for system capacity is looking at the reduction in capacity of the entire system. The original system capacity was $(11,566 + 8,906 + 8,461) = 28,933 \text{ ft}^3$. With the reduction described above, the new system capacity is $(11,273 + 8,885.9 + 8,461) = 28,619.9 \text{ ft}^3$, a 1.1% reduction in overall system capacity.

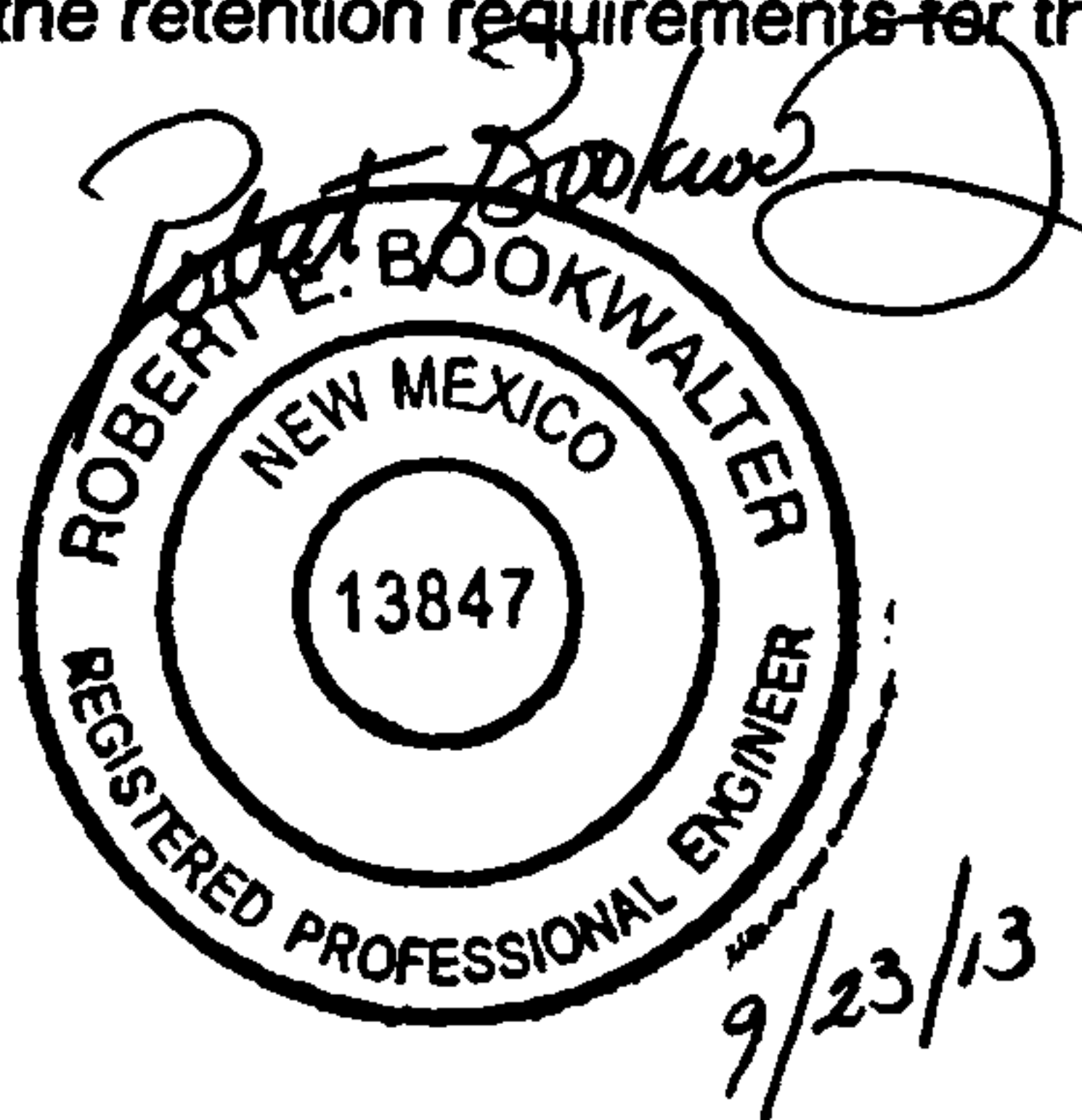
Curve Number for the building site

As is seen on the original 2009 drawings, the original designer provided additional volume in the ponds while also prepping an area for the future location of a new building facility. This additional volume amounts to an 11.7% increase above the required volume.

Because the existing surface has been graded, compacted and has a layer of gravel over the majority of the site, an approximate Curve Number (CN) could be assumed to be in the 86 – 93 range for this surface. An impervious surface for the roofs and asphalt that will replace the surface described above would have a CN value of 98. It seems reasonable that the original storage capacity took into these considerations in their design.

Conclusion

Our conclusion is that the small modifications to the edges of Ponds 1 & 2 are minor and will still easily meet the retention requirements for the drainage system.



Robert E. Bookwalter, PE NM # 13847
Armstrong Group, Inc.