

**Cherne, Curtis**

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**From:** Cherne, Curtis  
**Sent:** Tuesday, July 13, 2010 4:44 PM  
**To:** 'Giahi, Maryam D.'  
**Subject:** RE: Edmund G Ross Elementary School

Maryam,  
It is a 1000 sq ft, sorry about that.  
If seems these two portables are currently on the site in the same drainage basin as the new location, therefore a submittal is not required. When the Architect submits the Foundation Permit to the City it should be clear that these two portables area currently on the site and are being relocated a short distance to make way for the fire lane.

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**From:** Giahi, Maryam D. [mailto:Maryam.Giahi@wilsonco.com]  
**Sent:** Tuesday, July 13, 2010 3:38 PM  
**To:** Cherne, Curtis  
**Subject:** RE: Edmund G Ross Elementary School

Curtis,

The only new pavement we are adding is what is shown by note 4 for concrete asphalt, about 135 sq ft.  
Is it 100 or 1000 sq ft the cut off line? The drainage approval by Isaacson & Arfman included the fire lane.

Thanks,  
Maryam

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**From:** Cherne, Curtis [mailto:CCherne@cabq.gov]  
**Sent:** Tuesday, July 13, 2010 2:56 PM  
**To:** Giahi, Maryam D.  
**Subject:** RE: Edmund G Ross Elementary School

Maryam,  
Will APS be building 100 sq ft or more of new pavement/concrete (not including the fire lane)?

Curtis

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**From:** Giahi, Maryam D. [mailto:Maryam.Giahi@wilsonco.com]  
**Sent:** Monday, July 12, 2010 2:37 PM  
**To:** Cherne, Curtis  
**Subject:** Edmund G Ross Elementary School

Hi Curtis,

I am working on Edmund G Ross Elementary School portable relocation and have a question to ask you. Attached is the grading plan and two portables are being relocated due to the construction of a fire lane which is not part of our plans. Grading plan for Kindergarten addition in the same area prepared by Isaacson & Arfman was approved last December (drainage calculations/notes on the approved grading

7/13/2010

plan also attached). Do we need to submit to Hydrology Section for relocation of the portables?

Thank you,  
**Maryam Giah, PE**  
IFS Division

**Wilson & Company, Inc., Engineers & Architects**  
2600 The American Rd. SE, Suite 100  
Rio Rancho, NM 87124  
505-948-5133 direct  
505-898-8501 fax  
<http://www.wilsonco.com>

Please consider the environment before printing this e-mail.

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7/13/2010

## PROJECT DATA

### LEGAL DESCRIPTION:

LOT 4-A, BLOCK 12, TRACT A, UNIT A,  
NORTH ALBUQUERQUE ACRES.

### AREA: 11.18 ACRES

CONSTRUCTION LIMITS: 0.83 ACRES

### BENCHMARK:

ACS ALUMINUM DISK "17-D18" LOCATED IN TOP OF BRIDGE  
ABUTMENT AT THE INTERSECTION OF SAN PEDRO DR. N.E. AND  
THE SOUTH DOMINGO BACA CHANNEL.  
ELEVATION = 5236.57 (MSLD - 1929)

### FLOOD ZONE DESIGNATION:

FEMA MAP PANEL 137, INDICATES THIS SITE IS WITHIN ZONE X,  
AN AREA DETERMINED TO BE OUTSIDE THE 500 YR FLOOD  
PLAIN.

### EXISTING CONDITIONS:

THE EDMUND G. ROSS ELEMENTARY SCHOOL SITE IS PRESENTLY  
DEVELOPED WITH ONE PERMANENT AND TEN PORTABLE  
BUILDINGS, PAVED PARKING AREAS, PAVED BUS DROP-OFF  
AREA, GRASS AND SAND PLAY AREAS. SITE RUNOFF  
DISCHARGES BOTH TO PALOMAS AVENUE N.E. TO THE NORTH  
AND TO THE DOMINGO BACA ARROYO TO THE SOUTH.

### EXISTING HYDROLOGY:

PRECIPITATION ZONE: 2

LAND TREATMENT: 20% B, 22% C & 58% D

$$Q_{100-8} = (2.28)(.13) + (3.14)(.14) + (4.70)(.37) = 2.5 \text{ CFS}$$

### PROPOSED CONDITIONS:

ONE PORTABLE BUILDING IS TO BE REPLACED BY AN 11,900 SF  
KINDERGARTEN ADDITION TO THE EXISTING BUILDING.  
ADDITIONAL WALKWAYS AND A TRICYCLE TRACK ARE ALSO  
INCLUDED. THE NEW BUILDING CONSTRUCTION IS PROPOSED IN  
AN AREA THAT IS LARGELY ASPHALT PAVED. SITE RUNOFF WILL  
INCREASE ONLY SLIGHTLY AS FOLLOWS:

### PROPOSED HYDROLOGY:

LAND TREATMENT: 10% B, 11% C, 79% D

$$Q_{100-8} = (2.28)(.06) + (3.14)(.07) + (4.70)(.51) = 2.8 \text{ CFS}$$

THE PROPOSED CONSTRUCTION INTERCEPTS APPROXIMATELY  
9,000 SF OF EXISTING ROOF RUNOFF. THIS RUNOFF PRESENTLY  
RUNS THROUGH A SAND PLAY AREA AND DISCHARGES TO  
PALOMAS AVENUE NE. THE PROPOSED 8-INCH STORM DRAIN  
ROUTES THIS RUNOFF PLUS THE PROPOSED ROOF RUNOFF TO  
THE DOMINGO BACA ARROYO.

# CITY OF ALBUQUERQUE



July 24, 2012

Åsa M. Nilson-Webber, P.E. [asaw@iacivil.com](mailto:asaw@iacivil.com)  
**Isaacson & Arfman, P.A.**  
128 Monroe Street N.E.  
Albuquerque, NM 87108

**Re: E.G. Ross Elementary School, 6700 PalomasNE,  
Request for Permanent C.O. –Accepted  
Engineer's Stamp dated: 12-15-09, (D18/D007)  
Certification dated: 07-23-12**

Dear Mrs. Webber,

Based upon the information provided in the Certification received 07-23-12, the above referenced Certification is acceptable for a release of a Permanent Certificate of Occupancy by Hydrology.

Hydrology is asking for an electronic copy, in .pdf format, of this certification for our records. This certification can be e-mailed to me at: [tsims@cabq.gov](mailto:tsims@cabq.gov).

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

Sincerely,

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

C: CO Clerk—Katrina Sigala  
File

PO Box 1293

Albuquerque

NM 87103

[www.cabq.gov](http://www.cabq.gov)

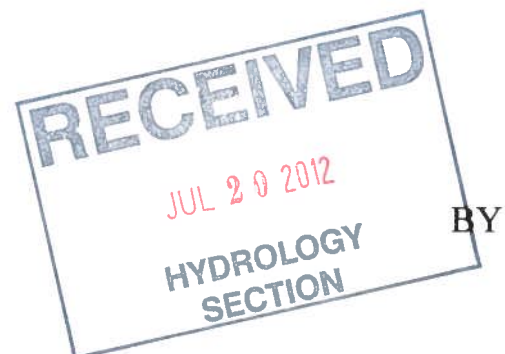
chrischavez@aol.com

JULY 23, 2012

## SUPPLEMENTAL CALCULATIONS

FOR

E.G. ROSS ELEMENTARY SCHOOL  
PALOMAS AVE. NE




**ISAACSON & ARFMAN, P.A.**  
*Consulting Engineering Associates*

Thomas O. Isaacson, PE (Ret.) & LS (Ret)  
Fred C. Arfman, PE  
Åsa Nilsson-Weber, PE

I&A Project No. 1900

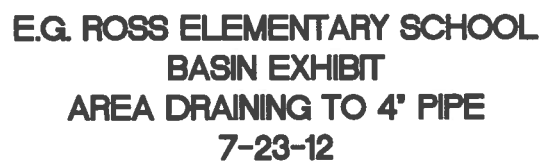
Prepared by:

 7-23-12  
Åsa Nilsson-Weber, PE Date



A 4" drain pipe through sidewalk at SE corner of site was installed in lieu of a 4" trench drain per plan. The substitute was due to a delay in trench drain delivery and the school administration is currently waiting to move into building.

- **BASIN EXHIBIT OF AREA CONTRIBUTING FLOW TO THE 4" PIPE**
  - **FLOW CALCULATIONS FOR BASIN**
  - **ORIFICE CALCULATIONS FOR 4" PIPE**



**E.G. ROSS ELEMENTARY SCHOOL  
BASIN EXHIBIT  
AREA DRAINING TO 4' PIPE  
7-23-12**

Job Name:	<b>EG ROSS ELEMENTARY--BASIN DRAINING TO SE CORNER</b>
Client:	<b>WESTWORK ARCHITECTS</b>
Date Prepared:	7/19/2012
Date Modified:	
Precipitation Zone:	3

**CALCULATIONS: EG ROSS ELEMENTARY--BASIN DRAINING TO SE CORNER :**

Based on Drainage Design Criteria for City of Albuquerque Section 22.2, DPM, Vol 2, dated Jan., 1993

<b>BASIN DRAINING TO SE CORNER</b>							
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AREA OF BASIN: 2890 SF = 0.1

100-year, 6-hour

**HISTORIC FLOWS:****DEVELOPED FLOWS:****EXCESS PRECIP:**

	Treatment SF	%		Treatment SF	%	Precip. Zone	3
Area A =	0	0%	Area A =	0	0%	$E_A = 0.66$	
Area B =	2149	74%	Area B =	1784	62%	$E_B = 0.92$	
Area C =	0	0%	Area C =	0	0%	$E_C = 1.29$	
Area D =	741	26%	Area D =	1106	38%	$E_D = 2.36$	
Total Area =	2890	100%	Total Area =	2890	100%		

On-Site Weighted Excess Precipitation (100-Year, 6-Hour Storm)

$$\text{Weighted E} = \frac{E_A A_A + E_B A_B + E_C A_C + E_D A_D}{A_A + A_B + A_C + A_D}$$

Historic E =	1.29 in.	Developed E =	1.47 in.
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On-Site Volume of Runoff:  $V_{360} = E * A / 12$ 

Historic $V_{360}$ =	310 CF	Developed $V_{360}$ =	354 CF
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On-Site Peak Discharge Rate:  $Q_p = Q_{pA} A_A + Q_{pB} A_B + Q_{pC} A_C + Q_{pD} A_D / 43,560$ 

For Precipitation Zone 3

$Q_{pA} =$	1.87	$Q_{pC} =$	3.45
$Q_{pB} =$	2.60	$Q_{pD} =$	5.02

Historic $Q_p$ =	0.21 CFS	Developed $Q_p$ =	0.23 CFS
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EG Ross Elementary School  
4" Drain Pipe Capacity Calculation  
7/23/2012

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### ORIFICE EQUATION - 4" DRAIN PIPE

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The Orifice Equation is used to calculate the Flow at the opening of a Channel

$$Q = C * A * (2 * g * h)^{0.5}$$

Where	Q	=	0.24	cfs	
	C	=	0.6		(indicating that the opening will function at 60% capacity)
	A	=	0.087266	sq.ft.	
	g	=	32.2	ft/sec <sup>2</sup>	
	h	=	0.33	ft	depth of flow at opening from the center of culvert

Using orifice equation  $Q = CA * (2gh)^{0.5}$



































**DRAINAGE AND TRANSPORTATION INFORMATION SHEET**  
(Rev. 12/05)

PROJECT TITLE: E.G. Ross Elementary School  
DRB#: \_\_\_\_\_ EPC#: \_\_\_\_\_

ZONE MAP/DRG. FILE # D-18 / 1007  
WORK ORDER#: \_\_\_\_\_

LEGAL DESCRIPTION: Lot 4-A, Bl. 12, Tr. A, Un. A, North Albuquerque Acres  
CITY ADDRESS: \_\_\_\_\_

6700 Palomitas NE.

ENGINEERING FIRM: ISAACSON & ARFMAN, PA  
ADDRESS: 128 MONROE NE  
CITY, STATE: ALBUQUERQUE, NM

CONTACT: Åsa Nilsson-Weber  
PHONE: 268-8828  
ZIP CODE: 87108

OWNER: APS  
ADDRESS: 915 Oak St  
CITY, STATE: Albuquerque, NM

CONTACT: \_\_\_\_\_  
PHONE: \_\_\_\_\_  
ZIP CODE: 87106

ARCHITECT: Westwork Architects  
ADDRESS: 2403 San Mateo NE, Ste 2  
CITY, STATE: Albuquerque, NM

CONTACT: Mark DePree  
PHONE: 884-5252  
ZIP CODE: 87110

SURVEYOR: High Mesa Consulting Group  
ADDRESS: 6010-B Midway Park Blvd NE  
CITY, STATE: Albuquerque, NM

CONTACT: Chuck G. Cala  
PHONE: 345-4250  
ZIP CODE: 87109

CONTRACTOR: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
CITY, STATE: \_\_\_\_\_

CONTACT: \_\_\_\_\_  
PHONE: \_\_\_\_\_  
ZIP CODE: \_\_\_\_\_

**TYPE OF SUBMITTAL:**

- ☐ DRAINAGE REPORT  
☐ DRAINAGE PLAN 1<sup>st</sup> SUBMITTAL  
☐ DRAINAGE PLAN RESUBMITTAL  
☐ CONCEPTUAL G & D PLAN  
☐ GRADING PLAN  
☐ EROSION CONTROL PLAN  
☒ ENGINEER'S CERT (HYDROLOGY)  
☐ CLOMR/LOMR  
☐ TRAFFIC CIRCULATION LAYOUT  
☐ ENGINEER/ARCHITECT CERT (TCL)  
☐ ENGINEER/ARCHITECT CERT (DRB S.P.)  
☐ ENGINEER/ARCHITECT CERT (AA)  
☐ OTHER (SPECIFY) \_\_\_\_\_

**CHECK TYPE OF APPROVAL SOUGHT:**

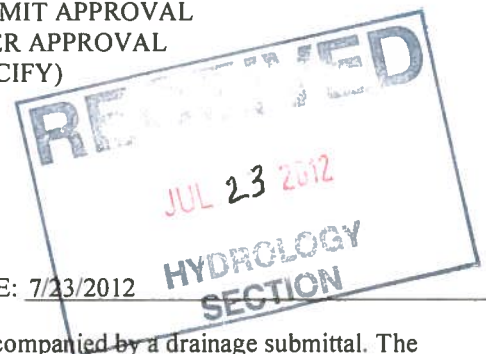
- ☐ SIA/FINANCIAL GUARANTEE RELEASE  
☐ PRELIMINARY PLAT APPROVAL  
☐ S. DEV. PLAN FOR SUB'D APPROVAL  
☐ S. DEV. FOR BLDG. PERMIT APPROVAL  
☐ SECTOR PLAN APPROVAL  
☐ FINAL PLAT APPROVAL  
☐ FOUNDATION PERMIT APPROVAL  
☐ BUILDING PERMIT APPROVAL  
☒ CERTIFICATE OF OCCUPANCY (PERM)  
☐ CERTIFICATE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

**WAS A PRE-DESIGN CONFERENCE ATTENDED:**

- ☐ YES  
☐ NO  
☐ COPY PROVIDED

SUBMITTED BY: Åsa Nilsson-Weber  
Isaacson & Arfman, P.A.

DATE: 7/23/2012



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 define 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.



*A Transmittal from*

**ISAACSON & ARFMAN, P.A.**

*Consulting Engineering Associates*

128 Monroe N.E. \* Albuquerque, NM 87108 \* Phone: 268-8828 \* Fax: 268-2632

To: Shahab Biazar  
COA Hydrology Div.

Date: 7-23-12

Job No: 1705

Reference:

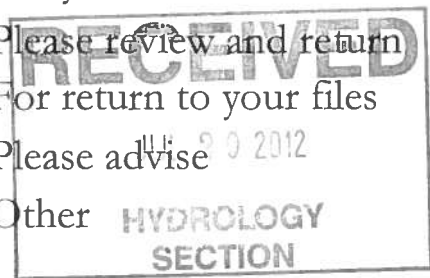
EG Ross Elementary School

We transmit to you the following: 1-set Grading Plan As-Built  
Cert.

This Information is Transmitted...:

- ☐ Per your request
- ☒ For your review and approval
- ☐ For your information
- ☐ For your attention
- ☐ For your signature
- ☐ Other

- ☐ For your files
- ☐ For your use
- ☐ Please review and return
- ☐ For return to your files
- ☐ Please advise
- ☐ Other



Remarks:

From: Asa Nilsson-Weber

CC: file

# CITY OF ALBUQUERQUE



December 24, 2009

Asa Nilsson-Weber, PE  
Isaacson & Arfman  
128 Monroe NE  
Albuquerque, NM 87108

**Re: EG Ross Elem School Administrative Add'n Grading and Drainage Plan  
Engineer's Stamp dated 12-15-09, (D18/D7)**

Dear Ms. Nilsson-Weber,

Based upon the information provided in your submittal dated 12-16-09, the above referenced plan is approved for Building Permit. Please attach a copy of this approved plan to the construction sets prior to sign-off by Hydrology.

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

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

Sincerely,

*Bradley L. Bingham*

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

C: file

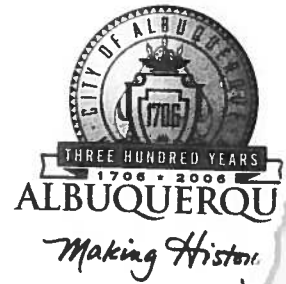
PO Box 1293

Albuquerque

NM 87103

[www.cabq.gov](http://www.cabq.gov)

# CITY OF ALBUQUERQUE



January 25, 2005

John Tellez, P.E.  
Wilson & Company  
2600 The American Rd. SE, Suite 100  
Rio Rancho, NM 87124

**Re: Edmund G. Ross Elementary School, 6700 Palomas Ave NE, Grading and Drainage Plan**

**Engineer's Stamp dated 1-12-05 (D18-D7)**

Dear Mr. Tellez,

Based upon the information provided in your submittal received 1-13-05, the above referenced plan is approved for approved for Paving Permit and Grading Permit. Please attach a copy of this approved plan to the construction sets prior to sign-off by Hydrology. Prior to Certificate of Occupancy release, Engineer Certification per the DPM checklist will be required.

This project requires a National Pollutant Discharge Elimination System (NPDES) permit. If you have any questions regarding this permit please feel free to call the DMD Storm Drainage Design section at 768-3654 (Charles Caruso).

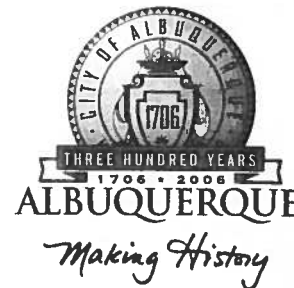
If you have any questions, you can contact me at 924-3981.

Sincerely,

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

C: Charles Caruso, DMD Storm Drainage Design  
File

# CITY OF ALBUQUERQUE



January 24, 2005

John Tellez, P.E.  
Wilson & Company  
2600 The American Rd. SE, Suite 100  
Rio Rancho, NM 87124

Re: Edmund G Ross Elementary School, 6700 Palomas Ave NE, Traffic Circulation  
Layout  
Engineer's Stamp dated 1-12-05 (D18-D7)

Dear Mr. Tellez,

The TCL submittal received 1-13-05 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.

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  
Engineering Associate, Planning Dept.  
Development and Building Services

cc: file



# ***City of Albuquerque***

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

June 27, 2003

Scott McGee, P.E.  
Isaacson & Arfman  
128 Monroe St NE  
Albuquerque, New Mexico 87108

**RE: E.G. ROSS ELEMENTARY SCHOOL- ADDITION (D-18/D7)**  
**(6700 Palomas NE)**  
**ENGINEERS CERTIFICATION FOR CERTIFICATE OF OCCUPANCY**  
**ENGINEERS STAMP DATED 6/11/2002**  
**ENGINEERS CERTIFICATION DATED 5/23/2003**

Dear Scott:

Based upon the information provided in your Engineers Certification submittal dated 3/27/2003, and based upon the approval of the SO19 by City's Storm Drainage Maintenance inspector on 6/6/2003, the above referenced site is approved for a Permanent Certificate of Occupancy.

If I can be of further assistance, please contact me at 924-3981.

Sincerely,

Teresa A. Martin  
Hydrology Plan Checker  
Development & Bldg. Ser. Division

C: Certificate of Occupancy Clerk, COA  
drainage file  
approval file



# City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

May 28, 2003

Scott McGee, P.E.  
Isaacson & Arfman, P.A.  
128 Monroe St NE  
Albuquerque, New Mexico 87108

**RE: E.G. ROSS ELEMENTARY SCHOOL- ADDITION (D-18/D7)**  
**(6700 Palomas NE)**  
**ENGINEERS CERTIFICATION FOR CERTIFICATE OF OCCUPANCY**  
**ENGINEERS STAMP DATED 6/11/2002**  
**ENGINEERS CERTIFICATION DATED 5/23/2003**

Dear Scott:

We are in receipt of your Engineers Certification submittal dated 5/23/2003 for the above referenced site; However, a Certificate of Occupancy from City Hydrology **can not** be issued at this time.

- Per the City's Permit Section, it has been verified that the contractor has *not* obtained the permit for the SO19. This permit, as well as having the City's storm drainage inspector's approval signature, needs to be submitted with the Engineers Certification prior to the approval of a Certificate of Occupancy, as per the Design Process Manual (DPM) Chapter 17 "Private Storm Drain Facilities within a City Right-of-Way and/or Easement"

When the above issue has been addressed, we will revisit the issue of granting a permanent Certificate of Occupancy for this site.

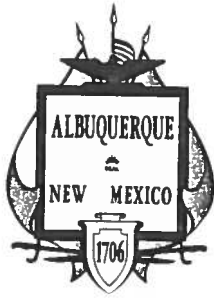
If you have any questions, please feel free to contact me at 924-3981.

Sincerely,

Teresa A. Martin  
Hydrology Plan Checker  
Development & Bldg. Services Division  
BLB

c: ✓ File





# City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

July 1, 2002

Scott McGee, PE  
Isaacson & Arfman  
128 Monroe St NE  
Albuquerque, NM 87108

6700  
Phonics NE

**Re: E.G. Ross Elementary School Grading & Drainage Plan**  
**Engineer's Stamp dated 6-11-02 (D18/D7)**

Dear Mr. McGee,

Based upon the information provided in your submittal dated 6-11-02, the above referenced plan is approved for Building Permit and SO#19 Permit.

A separate permit (SO#19) is required for construction within City R/W. A copy of this approval letter must be on hand when applying for the excavation permit.

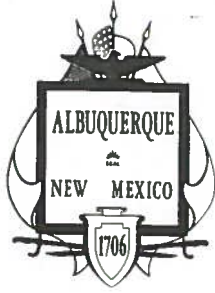
Please attach a copy of this approved plan to the construction sets prior to sign-off by Hydrology. Also, prior to Certificate of Occupancy release, Engineer Certification per the DPM checklist will be required.

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

Sincerely,

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

C: file



## ***City of Albuquerque***

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

September 20, 1995

Graeme Means  
Jeff Mortensen & Associates, Inc.  
6010-B Midway Park Blvd. NE  
Albuquerque, NM 87109

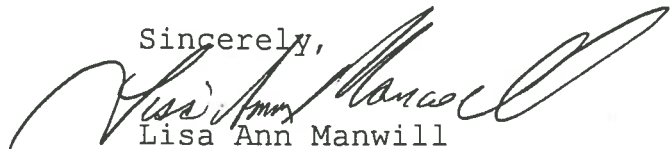
**RE: EDMUND G. ROSS ELEMENTARY (D18-D7) DRAINAGE AND GRADING PLAN  
FOR BUILDING PERMIT APPROVAL. ENGINEER'S STAMP DATED  
SEPTEMBER 13, 1995.**

Dear Mr. Means:

Based on the information provided on your submittal dated September 13, 1995, the above referenced project is approved for Building Permit.

If I can be of further assistance, please feel free to contact me at 768-3622.

Sincerely,



Lisa Ann Manwill  
Engineering Assoc./Hyd.

c: Andrew Garcia  
File

## DRAINAGE INFORMATION SHEET

10524

PROJECT TITLE: EDMUND G. ROSS ELEM. ZONE ATLAS/DRNG. FILE #: D18/D007

DRB #: \_\_\_\_\_ EPC #: \_\_\_\_\_ WORK ORDER #: \_\_\_\_\_

LEGAL DESCRIPTION: LOT 4A, BLOCK 12, NORTH ALBUQUERQUE ACRESCITY ADDRESS: 6700 Palomas NE TRACTA, UNIT AENGINEERING FIRM: JMA CONTACT: Graeme MeansADDRESS: 6010-B MIDWAY PARK BLVD NE PHONE: 345-4250OWNER: ALBUQUERQUE PUBLIC SCHOOL CONTACT: Pat McMurrayADDRESS: P.O. Box 25704 PHONE: 242-5865ARCHITECT: Barker-MacFarlane & Associates CONTACT: James BanieckiADDRESS: 209 GOLD AVE SW. PHONE: 8426789

SURVEYOR: \_\_\_\_\_ CONTACT: \_\_\_\_\_

ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_ CONTACT: \_\_\_\_\_

ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_

## TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT  
☒ DRAINAGE PLAN  
☐ CONCEPTUAL GRADING & DRAINAGE PLAN  
☒ GRADING PLAN  
☐ EROSION CONTROL PLAN  
☐ ENGINEER'S CERTIFICATION  
☐ OTHER

## PRE-DESIGN MEETING:

- ☐ YES  
☒ NO  
☐ COPY PROVIDED

## CHECK TYPE OF APPROVAL SOUGHT:

- ☐ SKETCH PLAT APPROVAL  
☐ 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 APPROVAL  
☐ GRADING PERMIT APPROVAL  
☐ PAVING PERMIT APPROVAL  
☐ S.A.D. DRAINAGE REPORT  
☐ DRAINAGE REQUIREMENTS  
☐ OTHER \_\_\_\_\_ (SPECIFY)

DATE SUBMITTED: 09/13/95BY: G. Graeme Means