

CITY OF ALBUQUERQUE



September 16, 2010

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

RE: Hawthorn Elementary School, 420 General Somervell St NE
Grading and Drainage Plan
Engineers Stamp Date 06-14-2010

Dear Mr. Mortensen,

Based upon the information provided in your submittal received 09-10-10, the above referenced plan is approved for Grading Permit and Paving Permit.

PO Box 1293

Also, thank you for providing an Engineer Certification for our records.

Albuquerque

If you have any questions, you can contact me at 924-3695.

NM 87103

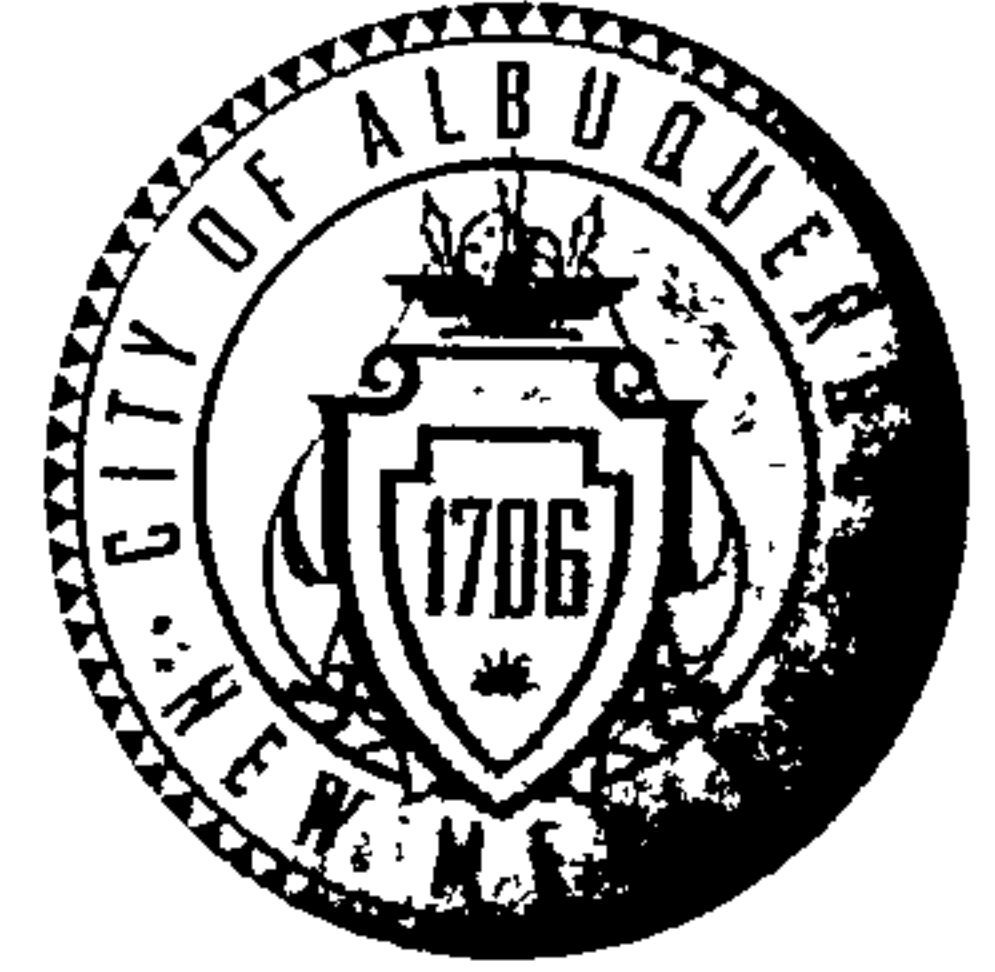
Sincerely,

www.cabq.gov

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

C: File

CITY OF ALBUQUERQUE



September 13, 2010

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

**Re: Hawthorne Elementary School Playground Drainage, 420 General Somervell
St NE, Grading and Drainage Plan**

Engineer's Stamp date 09-08-2010 (K20/D13)

Dear Mr. Mortensen,

Thank you for providing an Engineer Certification for our records.

If you have any questions, you can contact me at 924-3695.

PO Box 1293

Albuquerque

NM 87103

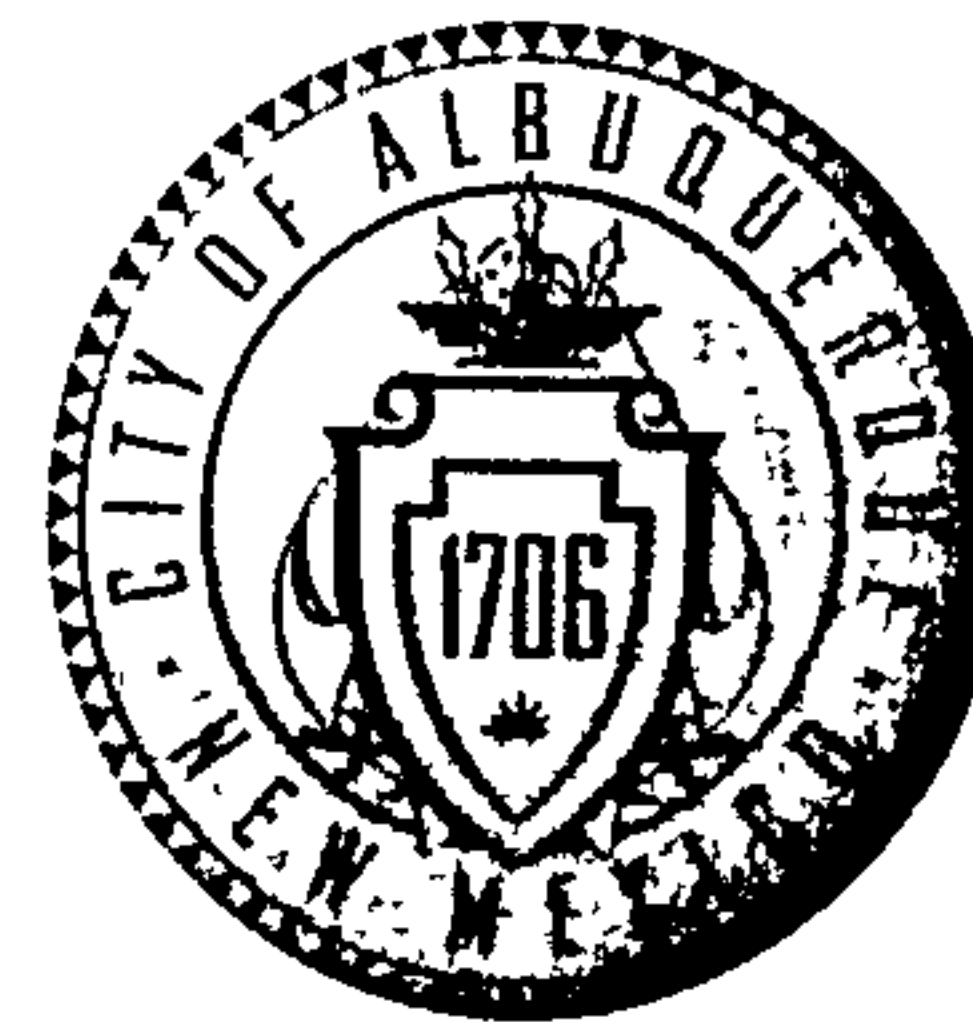
www.cabq.gov

Sincerely,

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

C: File

CITY OF ALBUQUERQUE



October 7, 2009

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

**Re: Hawthorne Elementary School Playground Drainage, 420 General Somervell
St NE, Grading and Drainage Plan**

Engineer's Stamp date 10-6-09 (K20/D13)

Dear Mr. Mortensen,

Based upon the information provided in your submittal received 10-7-09, the above
referenced plan is approved for SO 19 Permit.

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

The storm drain work in the City ROW must be inspected and accepted. Please
contact Duane Schmitz, 235-8016, to schedule an inspection.

If you have any questions, you can contact me at 924-3695.

Sincerely,

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

C: file
Antoinette Baldonado, Excavation and Barricading
Duane Schmitz, Street/Storm Drain Maintenance

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV. 1/28/2003rd)

PROJECT TITLE: HAWTHORNE ES KG PLAYGROUND ZONE ATLAS/DRNG. FILE #: K20 D013
 DRB #: _____ EPC #: _____ WORK ORDER #: _____

LEGAL DESCRIPTION: BLOCK 32, BUENA VENTURA SUBDIVISION
 CITY ADDRESS: 420 GENERAL SOMERVELL STREET 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: ANNELLE DARBY
 ADDRESS: 915 OAK SE PHONE: _____
 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: APS ON-CALLS CONTACT: ENGINEER
 ADDRESS: _____ PHONE: _____
 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 (**REVISION**)
☐ 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 - **SO #19 GREEN TAG ATTACHED**

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 (**DRAINAGE REQUIREMENTS**)

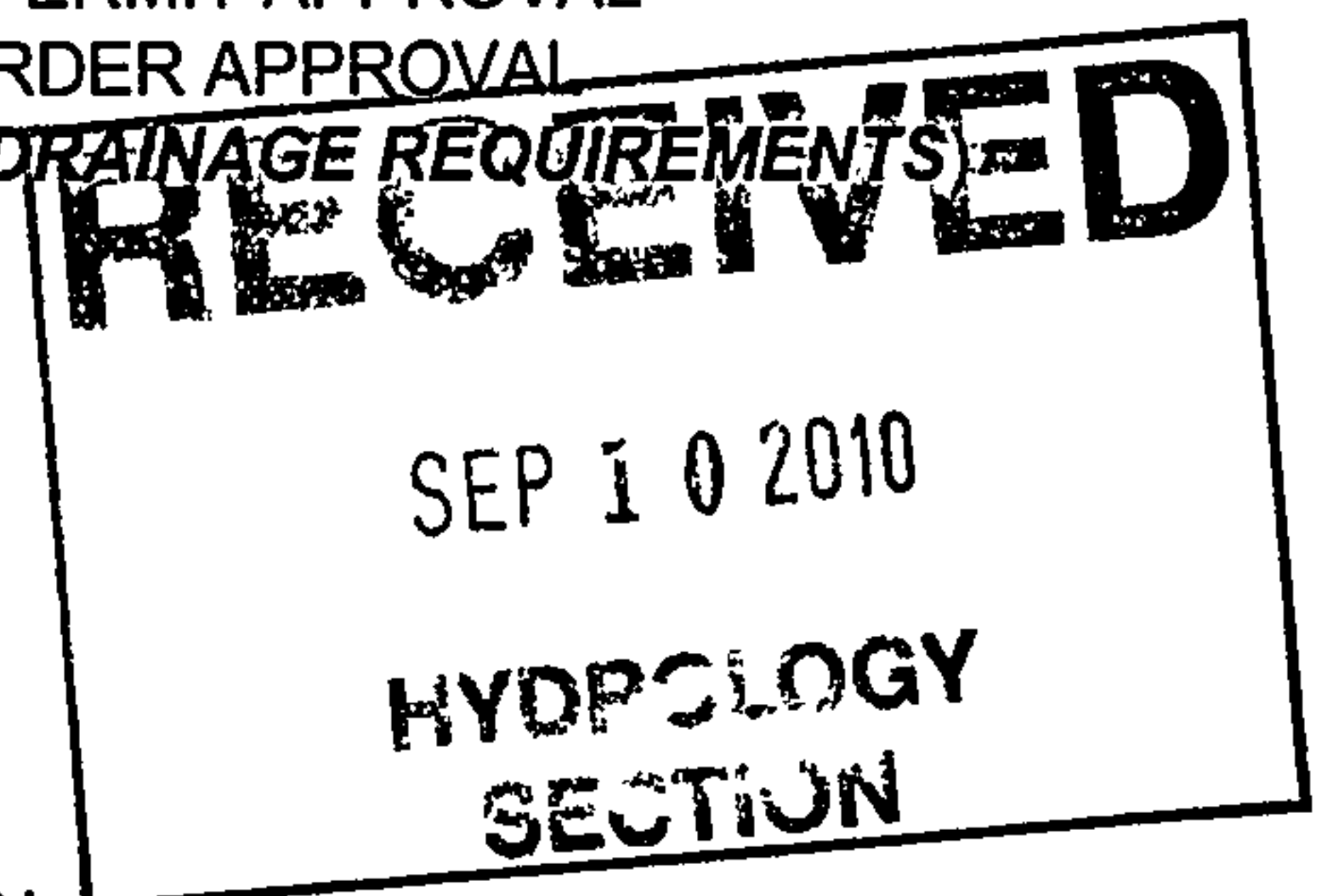
WAS A PRE-DESIGN CONFERENCE ATTENDED:

- ☐ YES
☒ NO
☐ COPY PROVIDED

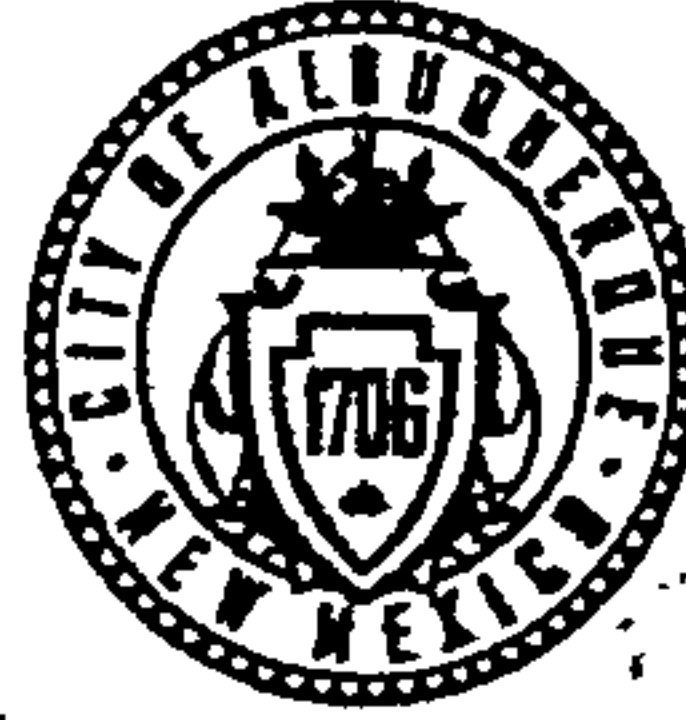
DATE SUBMITTED: 09/09/2010 BY: JEFFREY G. MORTENSEN
 XC: _____

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.



DEPARTMENT OF MUNICIPAL DEVELOPMENT



SIDEWALK, DRIVEPAD, CURB & GUTTER,
WHEEL CHAIR RAMP & ASPHALT INSPECTION

APPROVED

M. J. O'Brien
Inspector

Permits: 924-3400

Fax: 924-3408

Insp. Office: 924-3416

Date 7/21/10 Time 10:10

Permit No. 261000 4938

Contractor Westwind Landscape

Location General Somerville E. end of St

V

Vinyard & Associates, Inc.

A

8916-A Adams Street, NE

Albuquerque, New Mexico 87113

(505) 797-9743 Fax 797-9749

vinyardandassociates@comcast.net

August 19, 2010

Albuquerque Public Schools
Facilities Design & Construction
915 Oak Street SE
Albuquerque, NM 87106

V & A Project No.: 10-2-204

Ms. Annelle Darby, AIA

CONCRETE TEST RESULTS

Project: Hawthorne Elementary School Playground Drainage (Permit #2010004938)
Pour Location: Storm drain run down on Domingo Road 5' west of Moon Street

ASTM C172 Practice for Sampling Freshly Mixed Concrete

Sampled by: Vinyard & Assoc., Inc.

Date Molded: 07/21/10

Del. to Lab: 07/22/10

Req'd

Air Content(%) ASTM C231: 4.9

Slump (in) ASTM C143: 3

max

Unit Wt. (PCF) ASTM C138: 139.4

Cement Factor (cem/yd³) 488

W/(C+FA): 0.37

Conc. Supplier:

Waycor

Truck Number:

6514

Ticket Number:

36493861

Concrete Code:

33024922

Rev. at Discharge:

-

Concrete Temp. ASTM C1064:

87

Ambient Temp.:

84

Yield (yds³):

2.43

Relative Yield:

0.97

Free Water

Wt. (lbs)

Cement:

Wt. (lbs)

1185

Agg. 1

Wt.(lbs)

3925

28.6

H2O(plnt)

492

FlyAsh (cem):

395

Agg. 2

600

-3.4

FlyAsh:

-

Sand

2540

68.6

Yards Batched


2.5

ASTM C31, C39, C617, C1231

Size of Specimens 4 x 8

28 Day Req'd

Sample Number	Date Tested	Age Days	Diameter (in)	Cross Sectional Area, (in ²)	Max Load Applied (lbf)	Compressive Strength (PSI)	Compressive Strength (PSI)	Type of Fracture
1	7/28/10	7	4.01	12.63	44760	3540	3000	Conical
2	8/18/10	28	4.01	12.63	52030	4120	3000	Conical
3	8/18/10	28	4.01	12.63	56280	4460	3000	Conical
4							3000	


Robert K. Abeyta, S.E.T.

liz

cc:

Addressee: (1)

COA - DMD - Attn: Mr. Anthony Lopez

Westwind Landscape Construction, Inc. - Attn: Ms. Elizabeth Calhoon

APS - FD&C - Attn: Mr. Michael McMurphy

Jeff Mortensen, High Mesa

CITY OF ALBUQUERQUE



**Planning Department
Transportation Development Services Section**

March 4, 2008

D James See, Registered Architect
220 Gold Avenue SW
Albuquerque, NM 87102

Re: Certification Submittal for Final Building Certificate of Occupancy for
Hawthorne Elementary Addition (cafe. & reroofing), [K-20 / D013]
420 General Somervell Street NE
Architect's Stamp Dated 02/29/08

Dear Mr. See:

The TCL / Letter of Certification submitted on March 3, 2008 is sufficient for acceptance by this office for final Certificate of Occupancy (C.O.). Notification has been made to the Building and Safety Section.

Sincerely,


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

c: Engineer
Hydrology file
CO Clerk

P.O. Box 1293

Albuquerque

New Mexico 87103

www.cabq.gov

Ms. Kristal Metro, Director
Transportation Development Services Section
City of Albuquerque
P.O. Box 1293
Albuquerque, New Mexico 87103
2/29/08

Re: Cafeteria Addition and Re-Roofing at Hawthorne Elementary School, 420 General
Somervell Street, NE. TRAFFIC CIRCULATION LAYOUT CERTIFICATION

Dear Ms. Metro,

As per your phone conversation today with Charles Rowland of our office, we are hereby submitting:

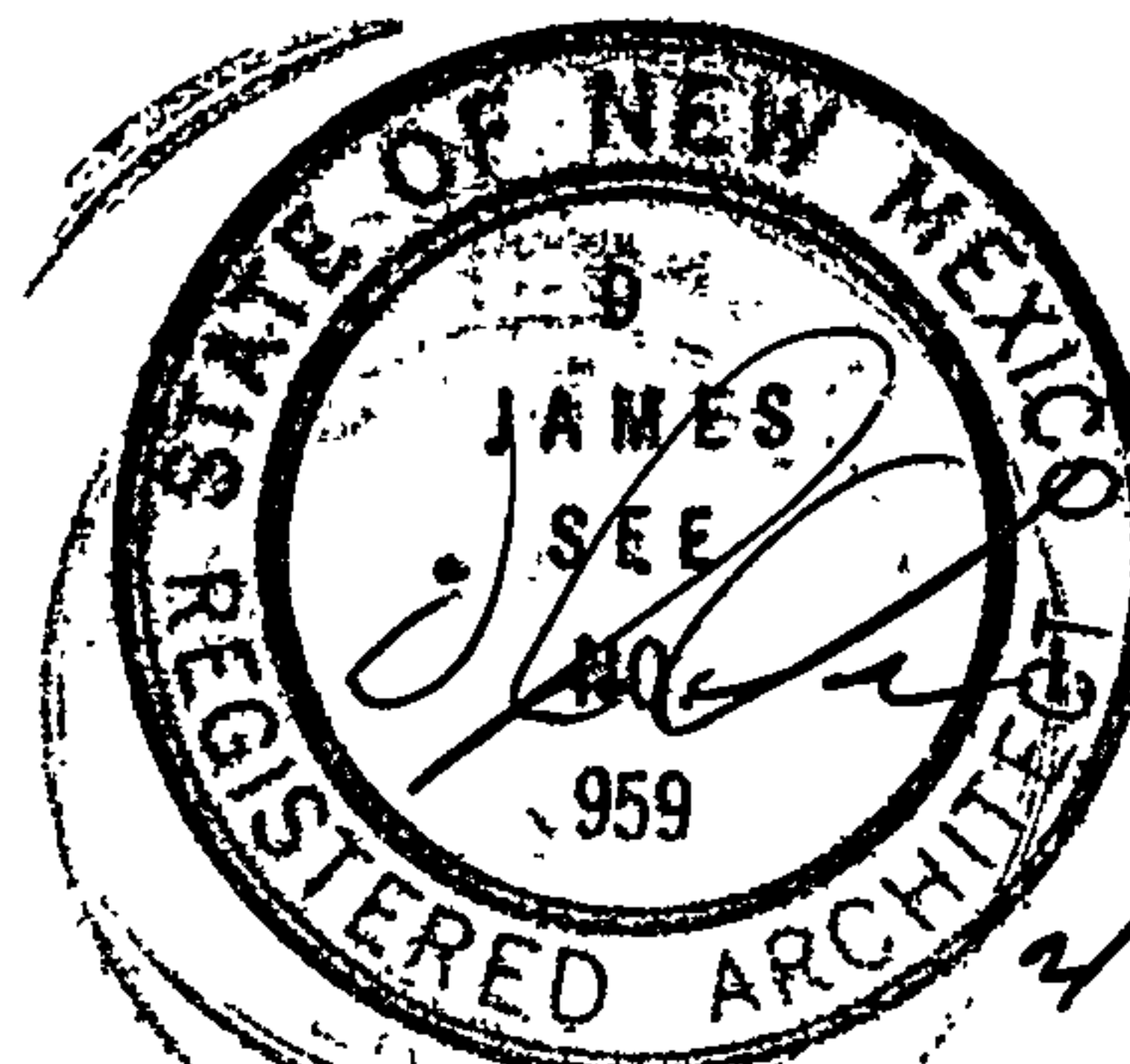
**TRAFFIC CIRCULATION LAYOUT CERTIFICATION W/VERIFICATION BY
ARCHITECT OF RECORD**

I, D. JAMES SEE, A.I.A., OF THE FIRM CHERRY / SEE / REAMES ARCHITECTS LLP, HEREBY CERTIFY THAT THIS PROJECT, **CAFETERIA ADDITION AND RE-ROOFING AT HAWTHORNE ELEMENTARY SCHOOL**, HAS BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED NOVEMBER 8, 2006. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY ME OR UNDER MY DIRECT SUPERVISION AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR APPROVAL OF THE TRAFFIC CIRCULATION LAYOUT FOR HAWTHORNE ELEMENTARY SCHOOL, BLOCK 32, WAGGOMAN-DENISON ADDITION.

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


D. James See, A.I.A.

2/29/08
Date



CITY OF ALBUQUERQUE



November 22, 2006

D. James See, R.A.
Edith Cherry / D. James See Architects
220-A Gold Ave. SW
Albuquerque, NM 87102

Re: Hawthorne Elementary School Cafeteria Addition and Re-Roofing, 420 General
Somervell Street NE, Traffic Circulation Layout
Architect's Stamp dated 11-08-06 (K20-D13)

Dear Mr. See,

The TCL submittal received 11-22-06 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.**

P.O. Box 1293

Albuquerque

New Mexico 87103

www.cabq.gov

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.
Senior Engineer, Planning Dept.
Development and Building Services

cc: file

2

CITY OF ALBUQUERQUE



February 12, 2008

Scott McGee, P.E.
Isaacson & Arfman, P.A.
128 Monroe Street N.E.
Albuquerque, NM 87108

Re: Hawthorne Elementary School, 420 General Somervell St. NE,
Approval of Permanent Certificate of Occupancy (C.O.), Engineer's Stamp
dated 08/02/06 (K-20/D013)
Certification dated 2/11/08

Mr. McGee:

P.O. Box 1293

Based upon the information provided in your submittal received 2/11/08, the above referenced certification is approved for release of Permanent Certificate of Occupancy by Hydrology.

Albuquerque

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

New Mexico 87103

Sincerely,

Timothy Sims

Plan Checker

Development and Building Services

www.cabq.gov

C: CO Clerk – Katrina Sigala
File

CITY OF ALBUQUERQUE



August 7, 2006

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

**Re: Hawthorne Elementary School Cafeteria Addition and Re-roofing Grading
and Drainage Plan**

Engineer's Stamp dated 8-2-06 (K20/D13)

Dear Mr. McGee,

Based upon the information provided in your submittal dated 8-2-06, the above
referenced plan is approved for Building Permit. Please attach a copy of this approved
plan to the construction sets prior to sign-off by Hydrology.

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

If you have any questions, you can contact me at 924-3695.

BLB

Sincerely,

Curtis A. Cherne, E.I.
Engineering Associate, Planning Dept.
Development and Building Services

C: file

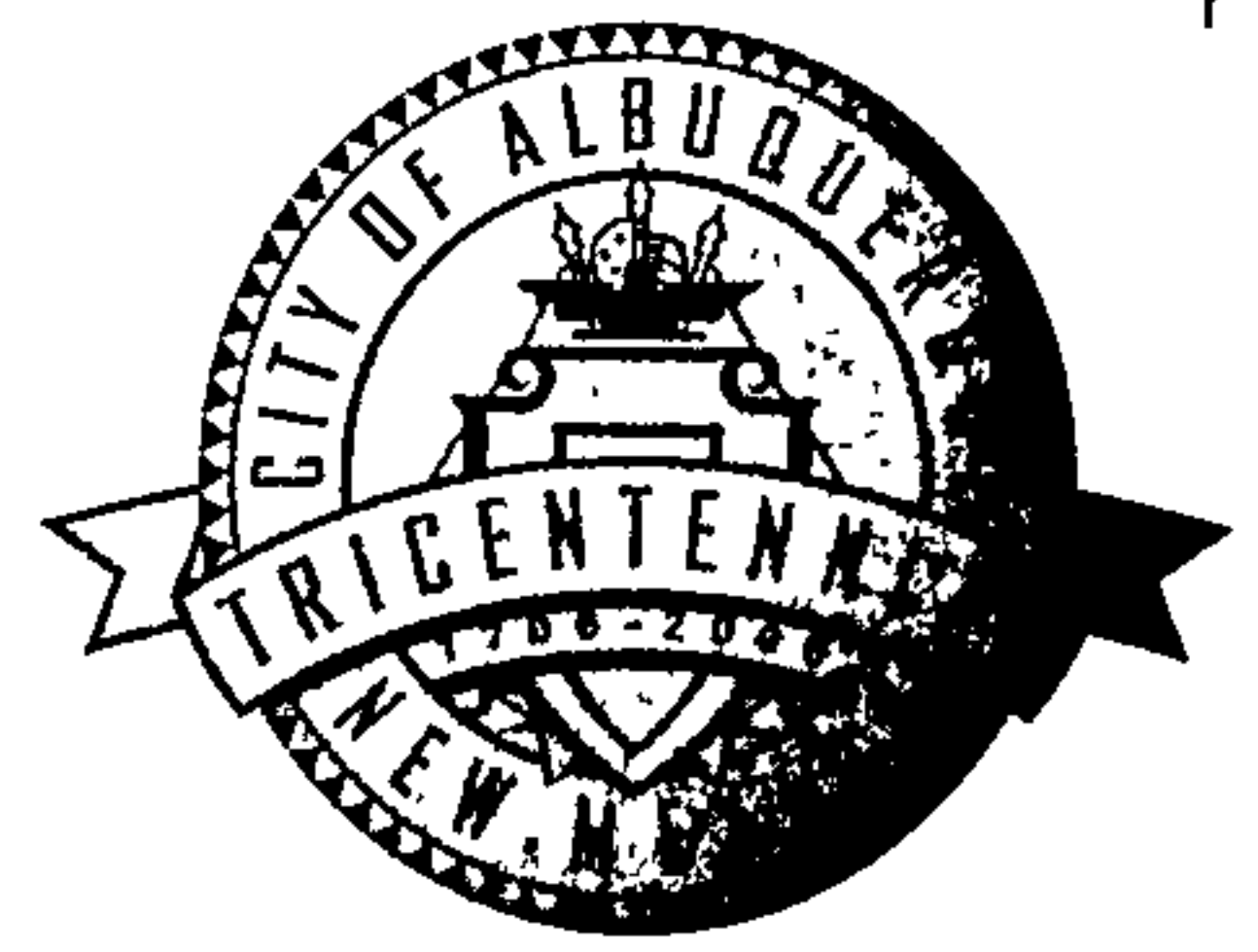
P.O. Box 1293

Albuquerque

New Mexico 87103

www.cabq.gov

CITY OF ALBUQUERQUE



October 10, 2006

Mr. Scott McGee, P.E.
ISAACSON & ARFMAN, PA
128 Monroe St. NE
Albuquerque, NM 87108

Re: HAWTHORNE ELEMENTARY SCHOOL ADDITION
420 General Somervell NE
Approval of PERMANENT Certificate of Occupancy (C.O.)
Engineer's Stamp dated 10/15/2003 (K-20/D13)
Certification dated 03/15/2005

Dear Scott:

P.O. Box 1293 Based upon the information provided in your submittal received 10/10/2006, the above
referenced certification is approved for release of Permanent Certificate of Occupancy by
Hydrology.

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

New Mexico 87103

www.cabq.gov

Sincerely,

Arlene V. Portillo

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

C: CO Clerk
File



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

October 28, 2003

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

**Re: Hawthorne Elementary School Addition, 420 General Somervell NE, Grading
and Drainage Plan**

Engineer's Stamp dated 10-15-03 (K20/D13)

Dear Mr. McGee,

Based upon the information provided in your submittal received 10-16-03, 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.

A separate permit (SO#19) is required for construction within City Right of Way. A copy of this approval letter must be on hand when applying for the excavation permit. 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. Refer to the attachment that is provided with this letter for details. If you have any questions please feel free to call the Public Works Hydrology section at 768-3654 (Charles Caruso) or 768-3645 (Brian Wolfe).

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

Sincerely,

Kristal D. Metro

C.M. Engineering Associate, Planning Dept.
Development and Building Services

C: Matt Cline, Arroyo Maintenance
Pam Lujan, Excavation Permits
Charles Caruso, Public Works Hydrology
file



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

March 22, 2001

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

**RE: Grading and Drainage Certification
Hawthorne Elementary School - Mini Gym (K-20/D13)
Engineer's Stamp dated 3/12/1999 Revised 4/28/1999
Engineers Certification dated 2/28/2001**

Dear Mr. Mortensen:

Based upon the information provided in your Engineers Certification submittal dated 3/20/2001, the above referenced site is approved for Permanent Certificate of Occupancy.

If I can be of further assistance, please contact me at 924-3986.

Sincerely,

Bradley L. Bingham, PE
Senior Civil Engineer
Hydrology Section, PWD

C: Vickie Chavez, COA
Teresa Martin, COA
file



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

April 26, 2000

Jeff Mortenson, P.E.
Jeff Mortensen & Assoc.
6010 B Midway Park Blvd. NE
Albuquerque, NM 87109

***RE: HAWTHORNE ELEMENTARY SCHOOL - MINI GYM BUILDING (K20-D13).
ENGINEER'S CERTIFICATION FOR Temporary CERTIFICATE OF
OCCUPANCY. ENGINEER'S STAMP DATED APRIL 6, 2000.***

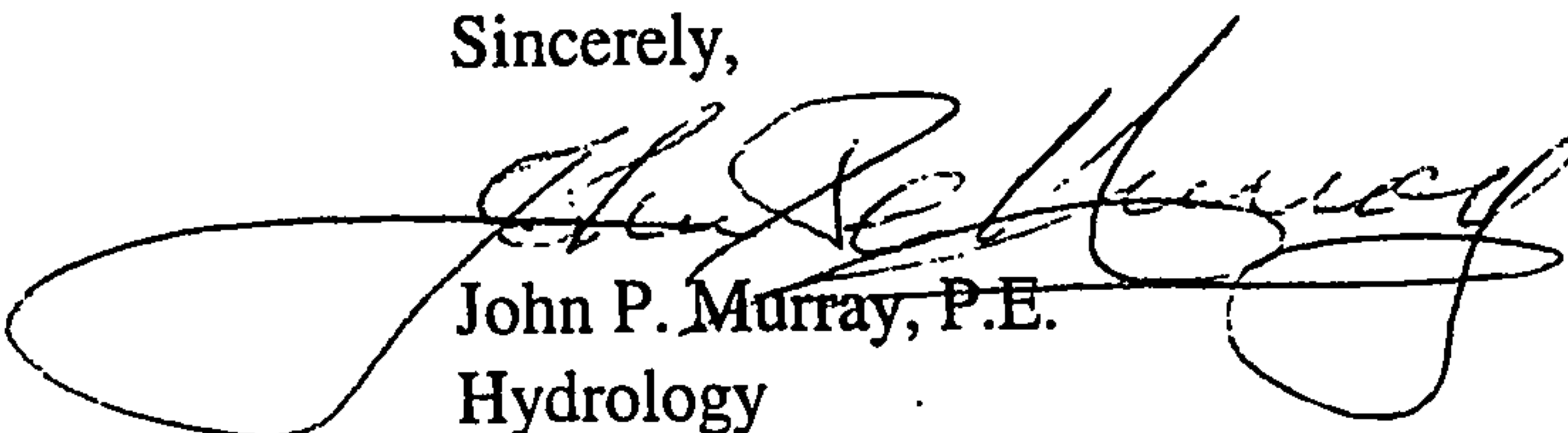
Dear Mr. Mortenson:

Based on the information provided on your April 7, 2000 submittal, the above referenced project is approved for a sixty (60) day Temporary Certificate of Occupancy.

As was noted in a previous C.O.A. letter approving the G & D Plan, there is a slight discrepancy in the volumes and discharges shown on Sheet C-1 (the G&D Plan) and the calculations thereto (Sheet C-1A) - 8,240 vs 8,140 cf and 5.4 vs 5.3 cfs. Please correct for Final.

If I can be of further assistance, please feel free to contact me at 924-3984.

Sincerely,


John P. Murray, P.E.
Hydrology

c: Whitney Reiersen
File



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

June 8, 1999

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

**RE: GRADING & DRAINAGE PLAN FOR HAWTHORNE ELEM MINI-GYM
RECEIVED APR 29, 1999 FOR BUILDING & S.O.19 PERMIT
ENGINEER'S STAMP DATED 04-28-99 (K20-D13)**

Dear Mr. Mortensen:

Based on the information included in the submittal referenced above, City Hydrology accepts the Grading & Drainage Plan with the following minor comments: If discharge is restricted to a baseline, it is not free discharge. The Q & V shown on sheet C-1 for Basin C are incorrect.

Include a copy of the approved Grading & Drainage Plan, dated 04-28-99, in each set of construction documents that will be submitted to Code Administration for the Building Permit.

A separate permit is required for construction of private drainage facilities within the City right of way. A copy of this letter must be on hand when applying for the excavation permit.

Engineer's Certification of grading & drainage per DPM checklist must be accepted by City Hydrology before any Certificate of Occupancy will be released.

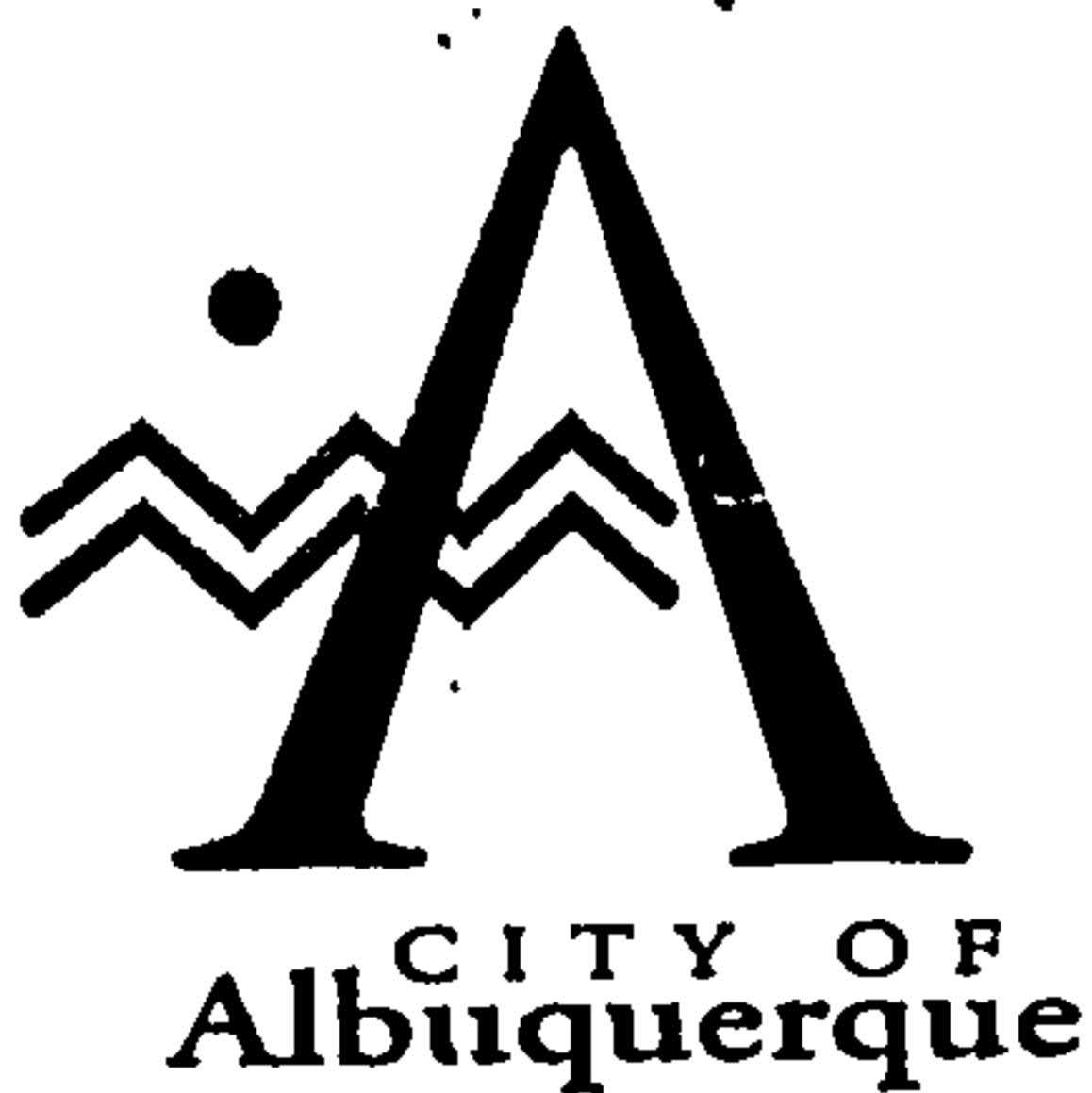
If I can be of further assistance, You may contact me at 768-2727.

Sincerely,

John P. Curtin, P.E.

Project Manager, PWD/Hyd

c: Inspector
Arlene Portillo
D. Salas, St. Maint.



Martin J. Chávez, Mayor

November 25, 1997

Jeff Mortensen
Jeff Martinson & Associates, Inc.
6010-B Midway Park Blvd. NE
Albuquerque, New Mexico 87109

RE: DRAINAGE MASTER PLAN FOR HAWTHORNE ELEMENTARY SCHOOL
(K20-D13) ENGINEER'S STAMP DATED 10/29/97

Dear Mr. Mortensen:

Based on the information provided on your October 29, 1997 submittal, the above referenced site is approved for Master Drainage Plan requirements.

Please be advised that a separate site specific plan for Phase I will be required prior to Building Permit release.

If I can be of further assistance, please feel free to contact me at 924-3986.

C: Andrew Garcia
File

Sincerely,

Bernie J. Montoya CE
Associate Engineer





City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

July 15, 1994

Jeff Mortensen, P.E.
Jeff Mortensen & Assoc.
6010-B Midway Park Blvd NE
Albuquerque, N.M. 87109

RE: GRADING & DRAINAGE PLAN FOR HAWTHORNE ELEMENTARY (K-20/D13)
RECEIVED JUNE 27, 1994 FOR PAVING & S.O.19 PERMIT APPROVAL
ENGINEER'S STAMP DATED 06-24-94

Dear Mr. Mortensen:

Based on the information included in the submittal referenced above, City Hydrology approves Phase 1 for Paving & S.O.19 permit.

A separate permit is required for construction of private drainage facilities within the City Right-of-Way. A copy of this letter must be on hand when applying for the excavation permit.

Engineer's Certification of grading & drainage per DPM checklist is required for this project.

If you have any questions about this project, You may contact me at 768-2727.

Sincerely,

John P. Curtin, P.E.
Civil Engineer/Hydrology

c: Andrew Garcia
Darlene Saavedra

WPHYD/8643/jpc