

# City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09/2015)

	EPC#:	Ilding Permit #: City Drainage #. <u>J181</u> Work Order#:
egal Description:		
ty Address: CMStitut	in TSan pedro	
ngineering Firm:	<b>)</b>	Contact:
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DRAINAGE MASTER PLAN		SIA/ RELEASE OF FINANCIAL GUARANTEE
DRAINAGE REPORT	OPMENT SECTIO	SIA/ RELEASE OF FINANCIAL GUARANTEE  FOUNDATION PERMIT APPROVAL  GRADING PERMIT APPROVAL  SO-19 APPROVAL
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EROSION & SEDIMENT CONT	<u> </u>	WORK ORDER APPROVAL CLOMR/LOMR
OTHER (SPECIFY)		PRE-DESIGN MEETING
	<del></del>	OTHER (SPECIFY)
	es No	
THIS A RESUBMITTAL?: Ye		
THIS A RESUBMITTAL?: Ye  ATE SUBMITTED:	By:	

### Abiel X. Carrillo

From: Abiel X. Carrillo

**Sent:** Thursday, June 30, 2016 11:35 AM

To: 'Graeme Means' Cc: Cherne, Curtis

Subject: RE: Mark Twain ES Paving Rehab

Based on photos of the site, it seems like there was already a dipped asphalt swale, so no grading and drainage submittal is required. It also does not seem feasible to incorporate any first flush retention. It's also not attached to a larger plan to improve the school, so no ESC Plan is needed. However, please make sure that the contractor incorporates BMPs to prevent sediment transport onto Constitution.

### Abiel Carrillo, PE, CFM

Principal Engineer - Hydrology
Planning Department
Development Review Services Division
City of Albuquerque
505-924-3986
acarrillo@cabq.gov
600 2<sup>nd</sup> Street NW
Albuquerque, NM 87102

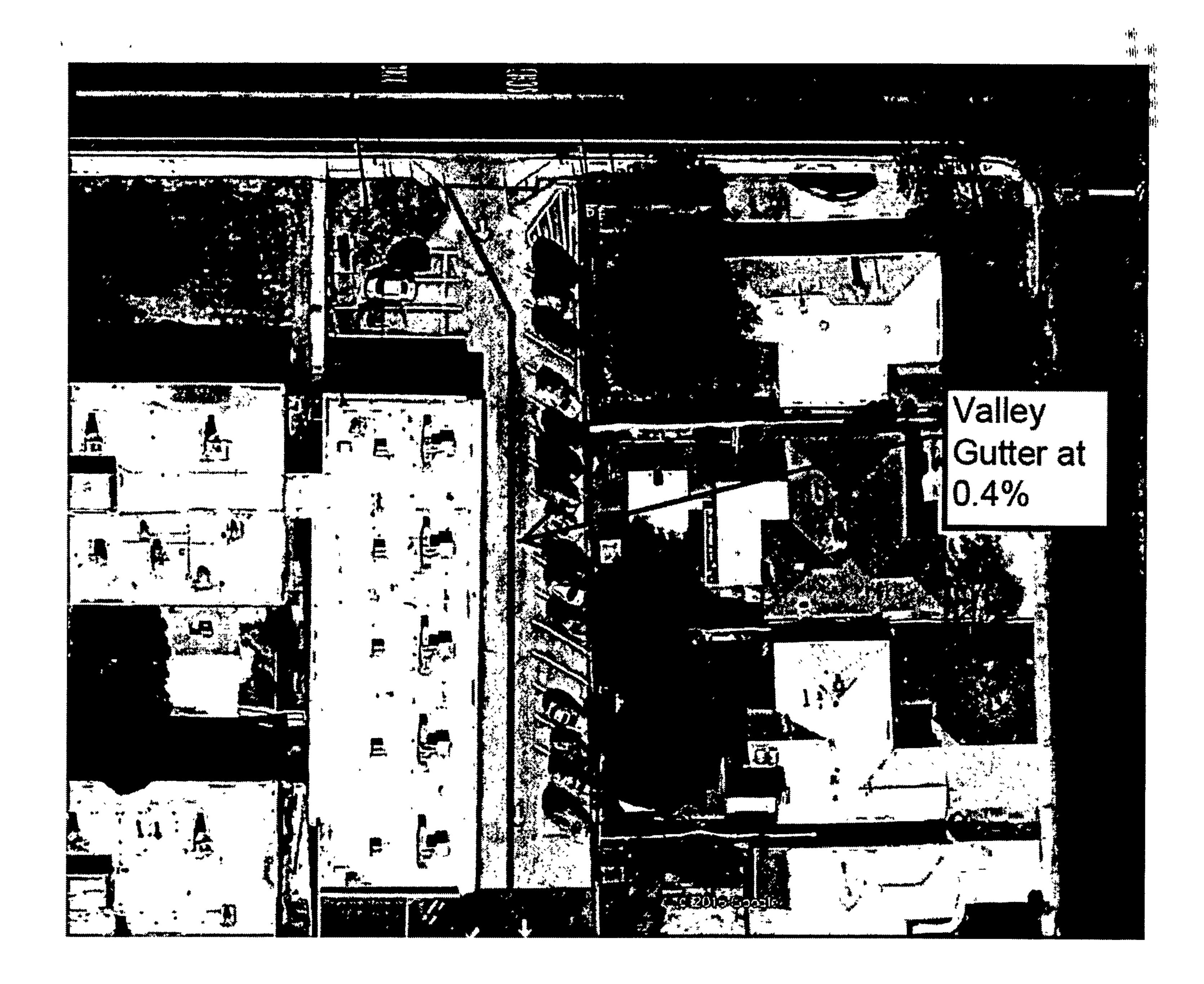
From: Graeme Means [mailto:GMeans@highmesacq.com]

**Sent:** Wednesday, June 29, 2016 5:38 PM

To: Abiel X. Carrillo

Subject: RE: Mark Twain ES Paving Rehab

Abiel – upon further study, we would like to run a valley gutter down the middle. We have 0.9ft of fall over about 220 feet of length. The grades still would not change, we would just have the gutter to pave up to. Would this change the requirements?





J. Graeme Means, P.E., LEED AP BD+C
Principal

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

Phone: 505.345.4250
Fax: 505.345.4254
gmeans@highmesacg.com

We invite you to learn about our subsurface utility department

From: Graeme Means

**Sent:** Wednesday, June 29, 2016 4:09 PM

To: 'Abiel X. Carrillo' <a carrillo@cabq.gov>
Subject: Mark Twain ES Paving Rehab

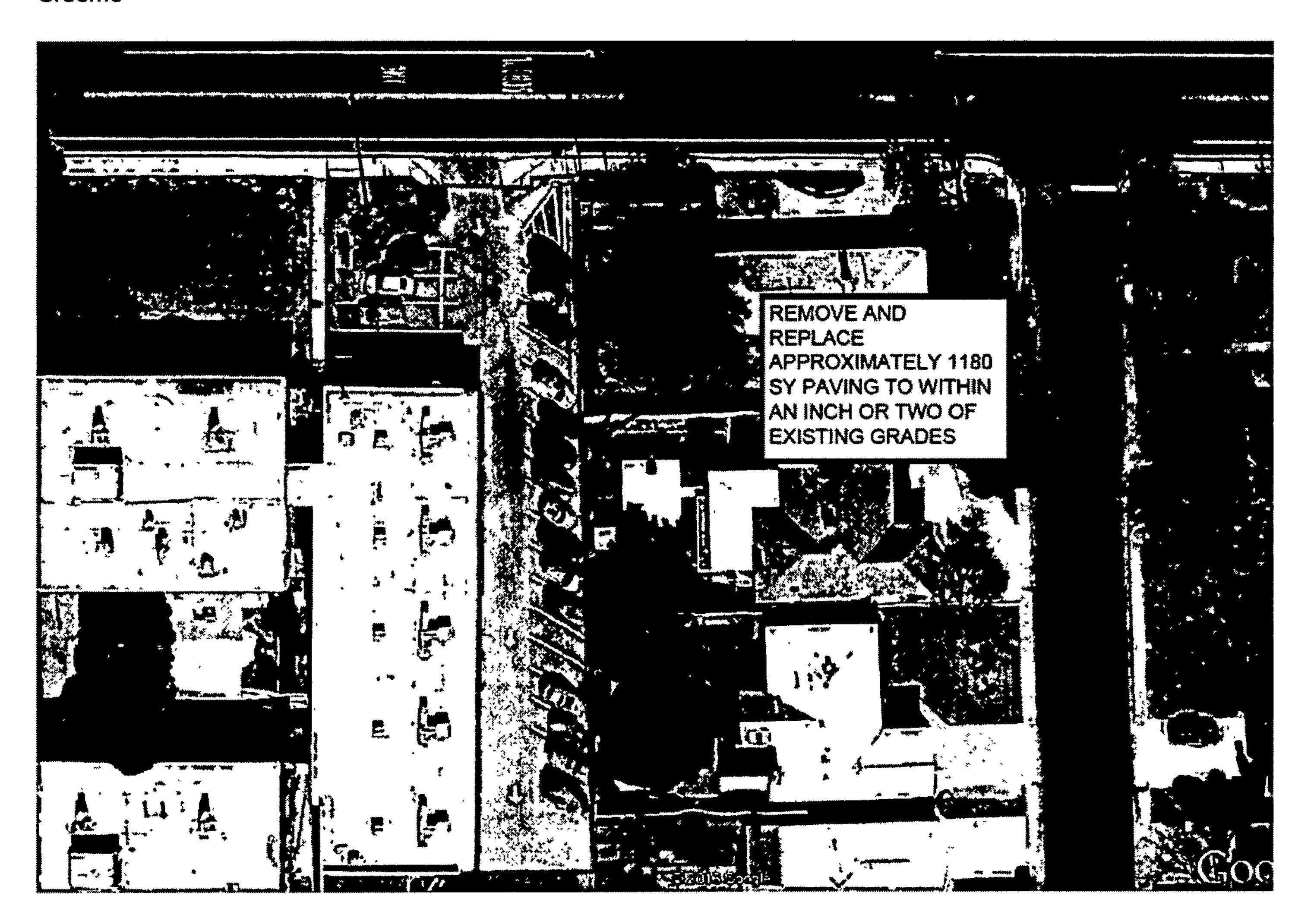
### Abiel,

As just discussed, APS was able to obtain limited funding for pavement rehabilitation at Mark Twain MS, on the south side of Constitution just west of Louisiana. They plan to remove and replace the failing and worn pavement to the same existing grades with some small adjustments to take out the areas that are puddling. The approximate area is 1180 SY. The proposed scope and limits are as shown below. Due to limited funding, they will not be able to afford curbs or sidewalks.

Given the preceding scope, please confirm that we would not need to submit a formal grading and drainage plan or address first flush requirements, and that a post-construction certification will not be required.

Thank you,

#### Graeme





### J. Graeme Means, P.E., LEED AP BD+C Principal

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

Phone: 505.345.4250
Fax: 505.345.4254
gmeans@highmesacg.com

We invite you to learn about our subsurface utility department



January 12, 2011

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

Re: Mark Twain Elementary School Pre-K Consolidation, 6316

Constitution Ave. NE, (J-18/D029)

Engineer's Stamp Date: 06/23/2010

Certification Date: 01-10-11

Dear Mr. Mortensen,

Thank you for providing an Engineer Certification for the Grading/Drainage Plan received on 1-11-11, 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!

PO Box 1293

Albuquerque

NM 87103

Timothy E. Sims

Plan Checker, Planning Dept.-Hydrology

www.cabq.gov Development and Building Services

C: file

(REV. 1/28/2003rd)

PROJECT TITLE: DRB #:	MARK TWAIN ES PRE-K CONSOLIDATION  EPC #:	ZONE ATLAS/DRNG WORK ORDER #:	. FILE #:J18 <u>D029</u>
LEGAL DESCRIPTION: CITY ADDRESS: 6	PORTIONS OF BLOCKS 28 & 29, FREDER	RICK A. FARR ADDN	
ENGINEERING FIRM: ADDRESS:	HIGH MESA CONSULTING GROUP. 6010-B MIDWAY PARK BLVD. NE	CONTACT: PHONE:	JEFF MORTENSEN (505) 345-4250
CITY, STATE:	ALBUQUERQUE, NM	ZIP CODE:	87109
OWNER: ALBUQUE ADDRESS:	RQUE PUBLIC SCHOOLS, DEPT OF FDC 915 OAK STREET SE	CONTACT: PHONE:	SAL WAR 975-5965
CITY, STATE:	ALBUQUERQUE, NM	ZIP CODE:	87106
ARCHITECT: ARC	· · · · · · · · · · · · · · · · · · ·	CONTACT: PHONE:	BOB ROBIE 842-1254
CITY, STATE:	ALBUQUERQUE, NM	ZIP CODE:	87109
	H MESA CONSULTING GROUP (NMPS 11184)	CONTACT:	CHARLES G. CALA, JR
ADDRESS: CITY, STATE:	6010-B MIDWAY PARK BLVD. NE ALBUQUERQUE, NM	PHONE: ZIP CODE:	(505) 345-4250 87109
CONTRACTOR: AN	ICHOR BUILT	CONTACT:	RAY ZAMORA
ADDRESS:	304 INDIANA SE	PHONE:	342-2452
CITY, STATE:	ALBUQUERQUE, NM	ZIP CODE:	87108
DRAINAGE PLAN CONCEPTUAL GI GRADING PLAN EROSION CONTE X ENGINEER'S CER CLOMR/LOMR TRAFFIC CIRCUL ENGINEER'S CER	1st SUBMITTAL, REQUIRES TCL or equal RESUBMITTAL RADING & DRAINAGE PLAN ROL PLAN RTIFICATION (HYDROLOGY)  ATION LAYOUT (TCL) RTIFICATION (TCL) RTIFICATION (DRB APPR. SITE PLAN)	PRELIMINARY PLA S. DEV. PLAN FOR S. DEV. PLAN FOR SECTOR PLAN API FINAL PLAT APPRO FOUNDATION PER BUILDING PERMIT X CERTIFICATE OF C GRADING PERMIT PAVING PERMIT APPROPRIES WORK ORDER API	SUB'D APPROVAL BLDG. PERMIT APPROVAL PROVAL MIT APPROVAL APPROVAL DCCUPANCY (PERM.) DCCUPANCY (TEMP.) APPROVAL PPROVAL
WAS A PRE-DESIGN CONTROL OF COPY PROVIDED	ONFERENCE ATTENDED:		REC
DATE SUBMITTED: XC: SAL WAR	01/11/2011 BY: <u>JEFFREY G</u>	3. MORTENSEN	
Requests for approvals	of Site Development Plans and/or Subdivision Plans and scope of the proposed development define		by-a-drainage submittal. The
•	ittal may be required based upon the following:		
1. Conceptua	al Grading and Drainage Plan: Required for app	proval of Site Developmen	nt Plans greater than five (5)

- 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 DEVELOPMENT & BUILDING SERVICES CENTER PLANNING DEPARTMENT/HYDROLOGY SECTION

### HYDROLOGY & TRANSPORTATION PREDESIGN CONFERENCE RECAP

CR SU STI SU	AINAGE FILE/ZONE ATLAS PAGE NUMBERS: EPC BJECT: MARK TWAIN ELEMENTARY REET ADDRESS: 6316 CONSTITUTION BDIVISION NAME: PORTION OF BLOCK PE OF APPROVAL PRELIMINARY& FINAL PLAT BUILDING PERMIT X GRADING PERMIT (& PAVING) SITE DEVELOPMENT PLAN FOR X OTHER SO#19	DRB SCHOOL PRE-K CONSO AVENUE, NE, ALBUQU CK 28, FREDERICK A. FA	ERQUE, NEW MEXICO 87110	
	ATTENDEE:	ORGANIZATION:	PHONE:	
	JEFF MORTENSEN BRAD BINGHAM	HMCG HYDROLOGY	345-4250 924-3986	
FIN	DINGS:			
A.	AN APPROVED DRAINAGE PLAN/REGRADING AND PAVING PERMITS &		<del>-</del>	ORT
B.	SO #19 REQUIRED FOR DISCHARGE	TO SUMMER AVENUE 1	<b>NE</b>	. ,
C.	FREE DISCHARGE PERMISSIVE  1) FOR DIRECT DISCHARGE TO SUI  2) FOR SURFACE DISCHARGE TO C			
D.	DRAINAGE SUBMITTAL MUST ADDI 1) ACCEPTANCE OF UPSTREAM ONS 2) DISCHARGE POINTS	SITE FLOWS		
	3) DIVISION OF EXISTING DRAINAG	E BASIN X-2 INTO X-2-N	NORTH & X-2-SOUTH	•
E.	SITE LOCATED AT THE WEST EDGE 06-2009	OF BASIN X-2 AS DEFI	NED BY THE WCEA PLAN I	
AR NO SIC TIT	E UNDERSIGNED AGREE THAT THE E ONLY SUBJECT TO CHANGE IF FUILT REASONABLE OR THAT THEY ARE NED: Bradley J. Burham  LE: CITY HYDROLOGIST  TE: 5/18/10	RTHER INVESTIGATION BASED UPON INACCU.  SIG	REVEALS THAT THE FIND	INGS ARE
	TE: PLEASE PROVIDE A COPY OF			)RTATION

HMCG PROJECT NO. <u>2008.199.7</u>

SUBMITTAL.

### Mark Twain ES

ZONE ATLAS PAGE:	J-18

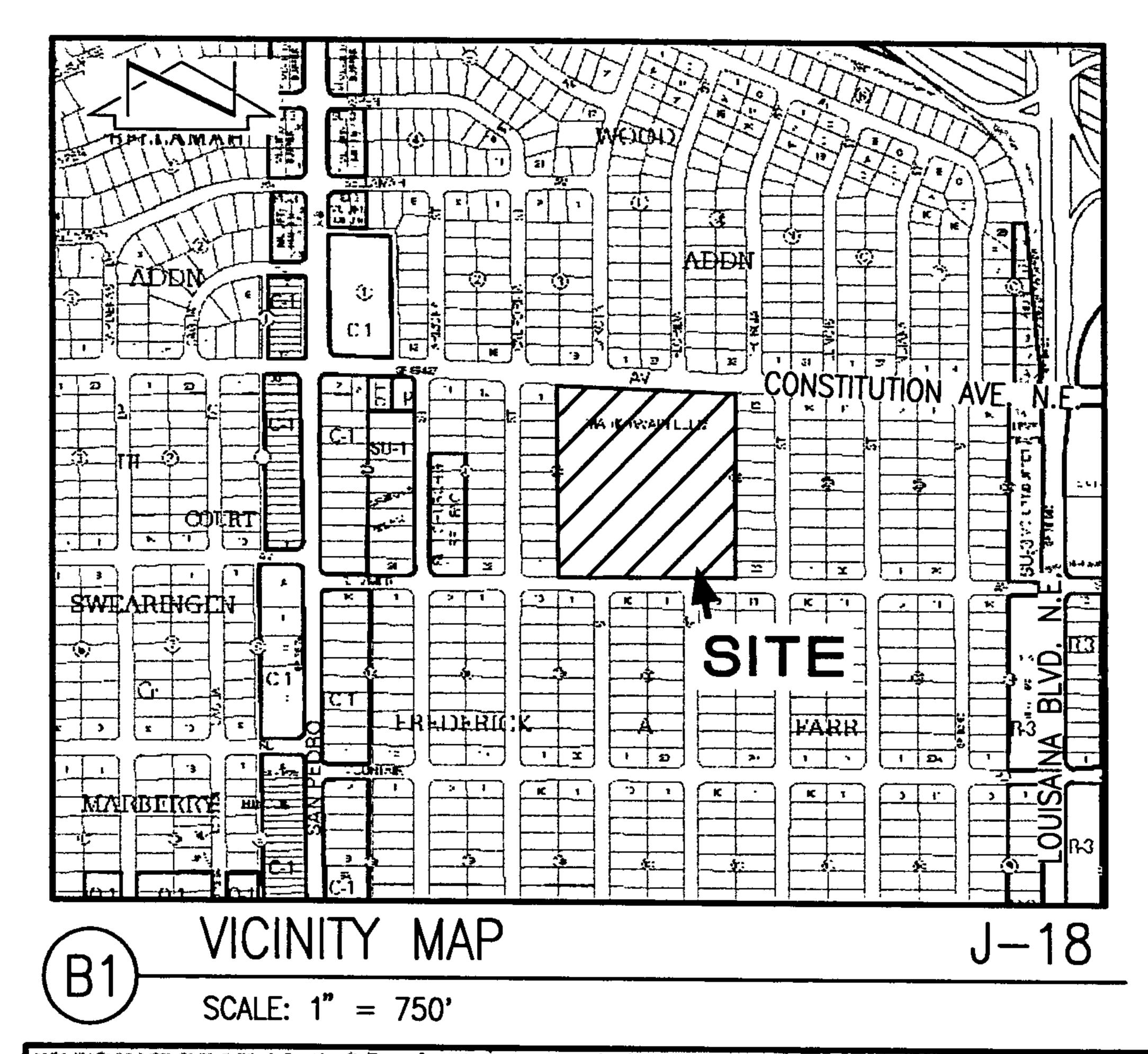
HYDROLOGY FILE # J-18/D029

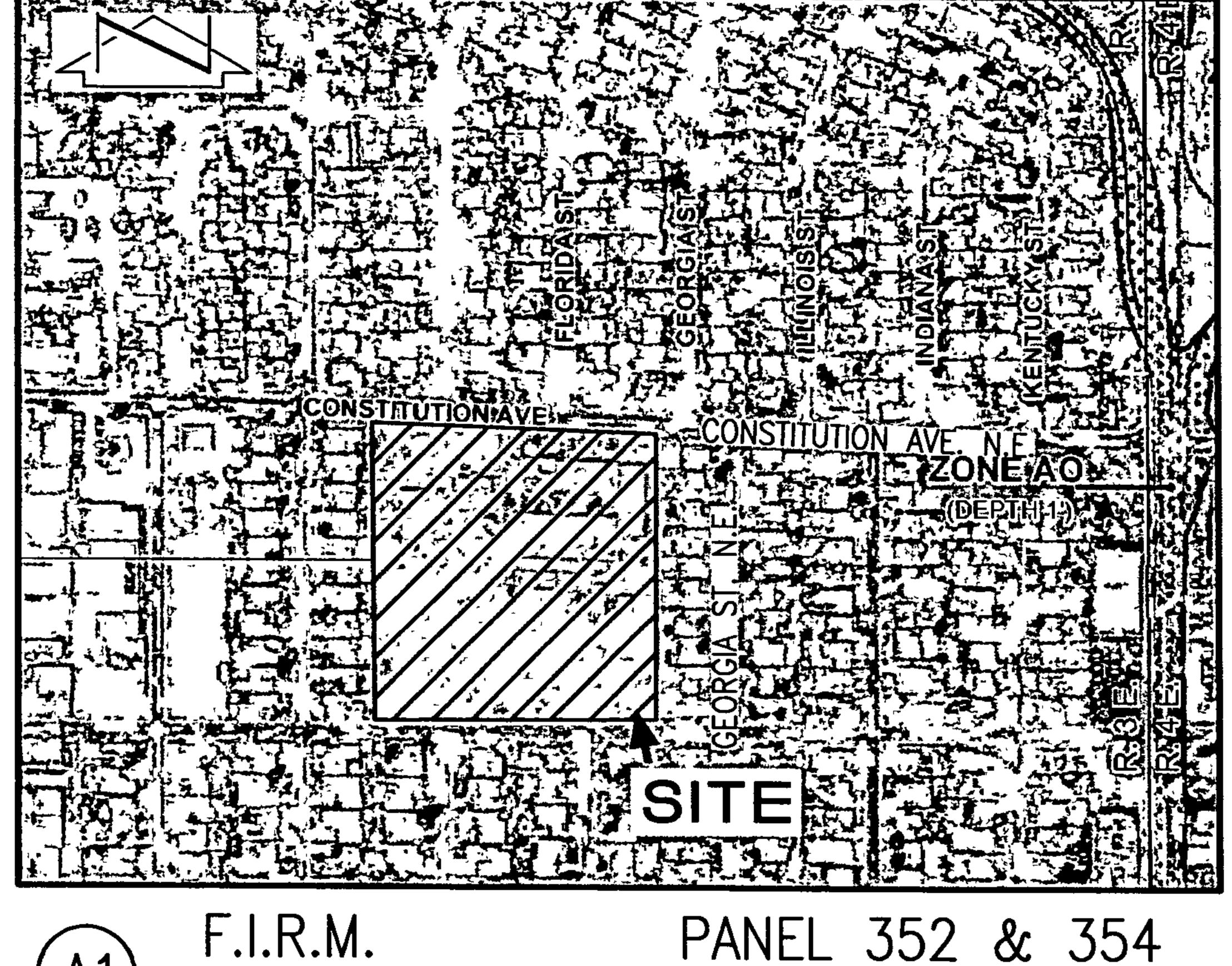
MASTER DRAINAGE PLAN:

MDP ENGINEER OF RECORD: N/A

MDP DATE: N/A

SUPPORTING PLANS: N/A





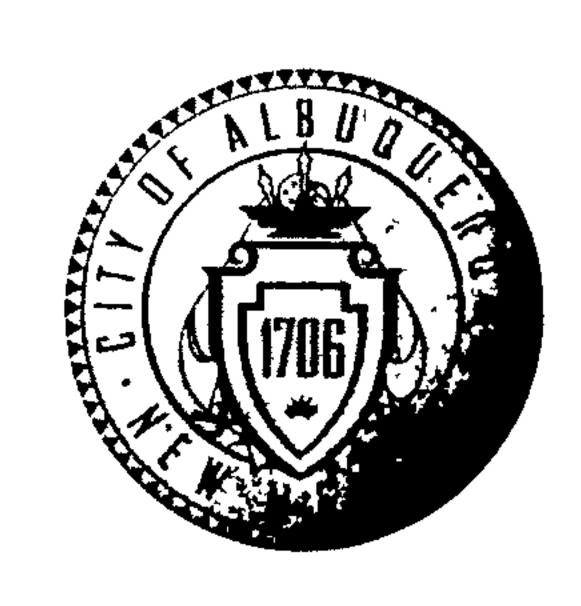
MARK TWAIN ELEMENTARY SCHOOL 6316 CONSTITUTION N.E. ALBUQUERQUE, NM 87110

SCALE: 1"

= 500'

JOB NO. 2008.180.1 DATE: 07/21/09

OF 825



June 10, 2010

Mario G. Juarez-Infante, P.E. Wilson & Company, Inc. 4900 Lang Ave. NE Albuquerque, NM 87109

Re: Mark Twain Elementary School-Pre-K/SPED Portables- Grading and Drainage Plan

Engineer's Stamp date 6-1-10 (J18/D029)

Dear Mr. Juarez-Infante,

Based upon the information provided in your submittal received 6-2-10, 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.

PO Box 1293

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

Albuquerque

This project requires a Topsoil Disturbance Permit since it is disturbing ¾ of an acre or more.

NM 87103

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

www.cabq.gov

Contract.

Sincerely,

Curtis A. Cherne, P.E.

Senior Engineer, Planning Dept.

Development and Building Services

C: file

•

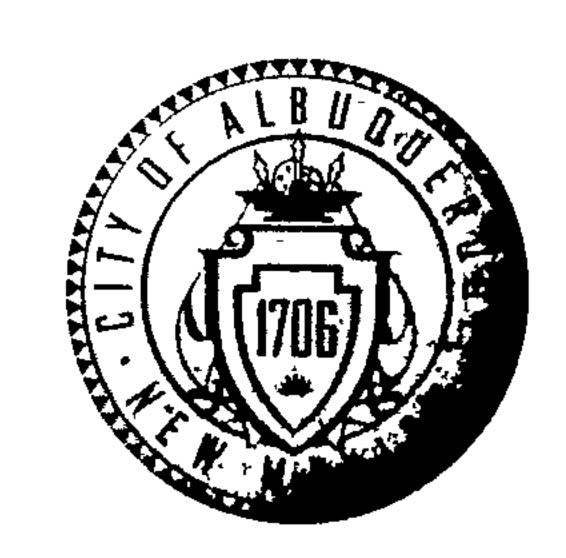
(REV. 12/05 - AP)

PROJECT TITLE: Mar	k Twain ES Pre-K/SPED Portables	ZONE MAP/DRG. J-18//DZ9
DRB#:	EPC#:	WORK ORDER #:
LEGAL DESCRIPTION:		
CITY ADDRESS:	6316 Constitution Ave NE, 87110	
ENGINEERING FIRM:	Wilson & Company	CONTACT: Nathan Burns, EIT
ADDRESS:	4900 Lang Ave. NE	PHONE: 505-948-5123
CITY, STATE:	Albuqueruqe, NM	ZIP CODE: <u>87109</u>
OWNER:	APS	CONTACT: Curtis Cherne
ADDRESS:	915 Oak Street	PHONE: 505-924-3695
CITY, STATE:	Albuqueruque New Mexico	ZIP CODE: <u>87106</u>
ARCHITECT:	Wilson & Company	CONTACT: See Engineer Above
ADDRESS:	4900 Lang Ave. NE	PHONE: 505-948-5123
CITY, STATE:	Albuquerque, NM	ZIP CODE: <u>87109</u>
SURVEYING FIRM:	Wilson & Company	LICENSED SURVEYOR: Ben Aragon
ADDRESS:	4900 Lang Ave. NE	PHONE: <u>505-348-4067</u>
CITY, STATE:	Albuquerque, NM	_ ZIP CODE: <u>87109</u>
CONTRACTOR:		CONTACT:
ADDRESS:		_ PHONE:
CITY, STATE:		ZiP CODE:
CHECK TYPE OF SUBMI	TTAL:	CHECK TYPE OF APPROVAL SOUGHT:
DRAINAGE REPORT	- RESUBMITTAL	SIA / FINANCIAL GUARANTEE RELEASE
X DRAINAGE PLAN 1 <sup>st</sup>	SUBMITTAL	PRELIMINARY PLAT APPROVAL
DRAINAGE PLAN RE	SUBMITTAL	S. DEV. PLAN FOR SUB'D. APPROVAL
CONCEPTUAL GRAD	DING & DRAINAGE PLAN	S. DEV. PLAN FOR BLDG. PERMIT APPROVAL
X GRADING PLAN		SECTOR PLAN APPROVAL
EROSION CONTROL	PLAN	FINAL PLAT APPROVAL
ENGINEER'S CERT (	(HYDROLOGY)	FOUNDATION PERMIT APPROVAL
CLOMR\LOMR		X BUILDING PERMIT APPROVAL
TRAFFIC CIRCULTA	ION LAYOUT	CERTIFICATE OF OCCUPANCY (PERM.)
ENGINEER/ARCHITE	ECT CERT (TCL)	CERTIFICATE OF OCCUPANCY (TEMP)
ENGINEER/ARCHITE	ECT CERT (DRB S. P.)	X GRADING PERMIT APPROVAL
ENGINEER/ARCHITE	ECT CERT (AA)	X PAVING PERMIT APPROVAL
OTHER (SPECIFY)		WORK ORDER APPROVAL
WAS A PRE-DESIGN CO	NFERENCE ATTENDED:	OTHER (SPECIFY) SOLUTION OTHER (SPECIFY)
YES	<u> </u>	JUN 0 2 2010
 x NO		
COPY PROVIDED		HYDROLOGY SECTION
Submitted By: Natha	an Burns	DATE: <u>06/01/10</u>

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 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
- 2. Drainage Plans: Required for building permits, grading permits, paving permits and site plans less than five (5)
- 3. Drainage Report: Required for subdivisions containing more than ten (10) lots or constituting five (5) acres or more.

6-1-10



June 11, 2010

Mario Juarez-Infante, P.E. Wilson & Company 4900 Lang Ave. NE Albuquerque, NM 87109

Re: Mark Twain Elementary School, 6316 Constitution Ave NE (J18-D029)

Dear Mr. Juarez-Infante,

Based upon the information provided in your submittal received 06-02-10, the above referenced plan cannot be approved for Building Permit until the following comment is addressed:

• Approval from Transportation Development requires a Traffic Circulation Layout. A grading a drainage plan is not sufficient. Please provide a Traffic Circulation Layout with your next submittal.

PO Box 1293

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

Sincerely,

Albuquerque

Kristal D. Metro, P.E.

Traffic Engineer, Planning Dept.

NM 87103

Development and Building Services

C: File

www.cabq.gov

(REV. 12/05 - AP)

PROJECT TITLE: M	ark Twain ES Pre-K/SPED Portables	ZONE MAP/DRG.	J-18 /DOZG
DRB#:	EPC#:	 WORK ORDER #:	
LEGAL DESCRIPTION	•		
CITY ADDRESS:	6316 Constitution Ave NE, 87110	· ·	
ENGINEERING FIRM:	Wilson & Company	CONTACT: Nathan B	urns, EIT
ADDRESS:	4900 Lang Ave. NE	PHONE:505-948-	5123
CITY, STATE:	Albuqueruge, NM	ZIP CODE: <u>87109</u>	
OWNER:	APS	CONTACT: Curtis Ch	erne
ADDRESS:	915 Oak Street	PHONE: <u>505-924-</u>	3695
CITY, STATE:	Albuqueruque New Mexico	ZIP CODE: <u>87106</u>	· · · · · · · · · · · · · · · · · · ·
ARCHITECT:	Wilson & Company	CONTACT: See Engi	neer Above
ADDRESS:	4900 Lang Ave. NE	PHONE: <u>505-948-</u>	5123
CITY, STATE:	Albuquerque, NM	ZIP CODE: <u>87109</u>	
SURVEYING FIRM:	Wilson & Company	LICENSED SURVEYOR	R: Ben Aragon
ADDRESS:	4900 Lang Ave. NE	PHONE: <u>505-348-</u>	4067
CITY, STATE:	Aibuquerque, NM	ZIP CODE: <u>87109</u>	
CONTRACTOR:		CONTACT:	•
ADDRESS:		PHONE:	
CITY, STATE:		ZIP CODE:	
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DRAINAGE REPOR	RT - RESUBMITTAL	SIA / FINANCIA	AL GUARANTEE RELEASE
DRAINAGE PLAN 1	st SUBMITTAL	PRELIMINARY	PLAT APPROVAL
DRAINAGE PLAN F	RESUBMITTAL	S. DEV. PLAN FOR SUB'D. APPROVAL	
CONCEPTUAL GRA	ADING & DRAINAGE PLAN	S. DEV. PLAN FOR BLDG. PERMIT APPROVAL	
GRADING PLAN		SECTOR PLAN APPROVAL	
EROSION CONTRO	DL PLAN	FINAL PLAT APPROVAL	
ENGINEER'S CERT	(HYDROLOGY)	FOUNDATION PERMIT APPROVAL	
CLOMR\LOMR		<u>★</u> BUILDING PERMIT APPROVAL	
X TRAFFIC CIRCULA	TION LAYOUT	CERTIFICATE	OF OCCUPANCY (PERM.)
ENGINEER/ARCHI	TECT CERT (TCL)	CERTIFICATE	OF OCCUPANCY (TEMP)
ENGINEER/ARCHITECT CERT (DRB S. P.)		GRADING PERMIT APPROVAL	
ENGINEER/ARCHITECT CERT (AA)		PAVING PERM	IIT APPROVAL
OTHER (SPECIFY)		WORK ORDE	PROVA LINE
		OTHER (SPEC	TY BOHES L
	ONFERENCE ATTENDED:		11 IA 1 A A 3040
YES			JUN 0 2 2010
X NO COPY PROVIDE	.D		HYDROLOGY SECTION

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 define the degree of drainage detail. One or more of the following levels of submittal may be required based on the following:

DATE:

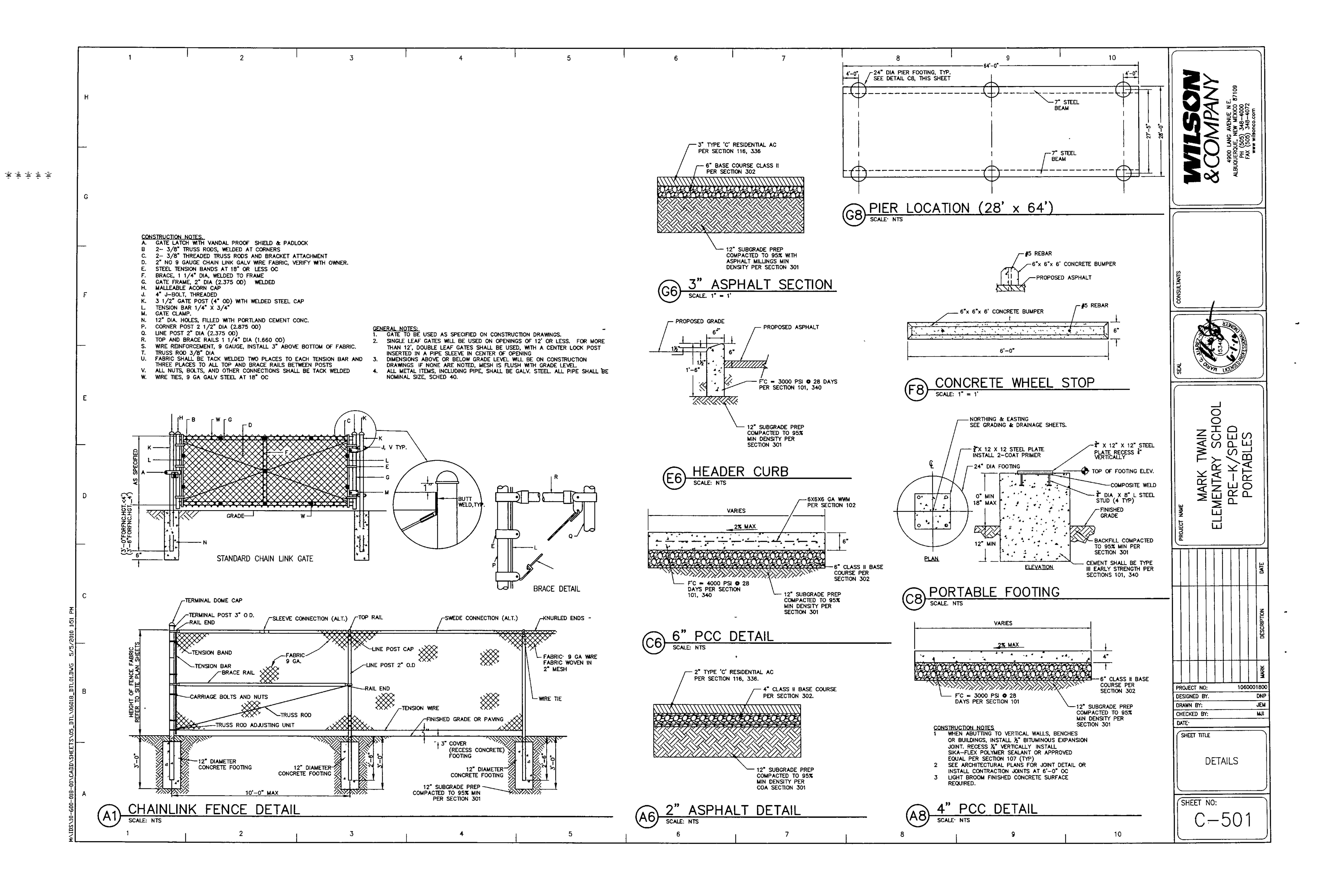
06/01/10

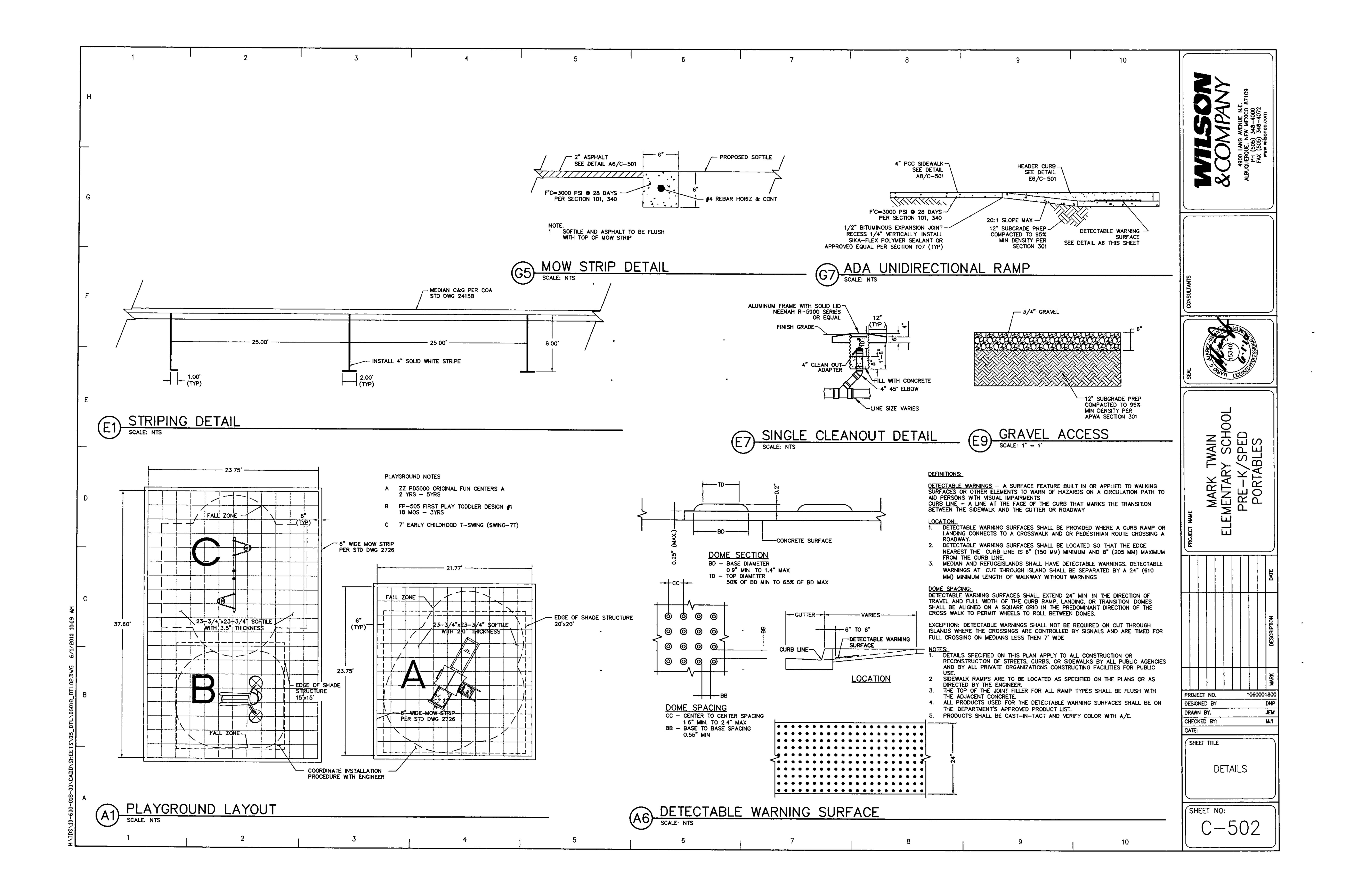
Nathan Burns

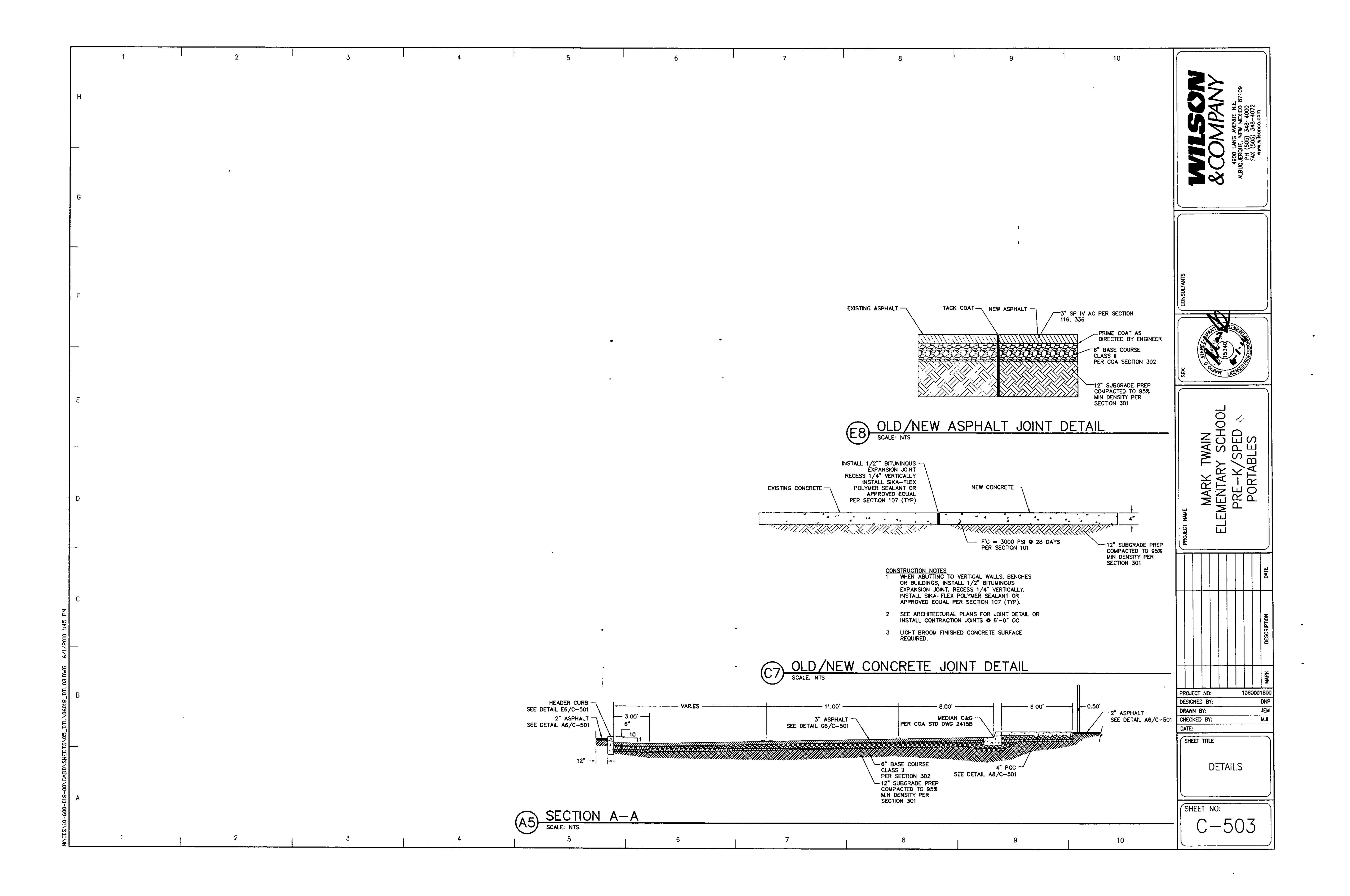
Submitted By:

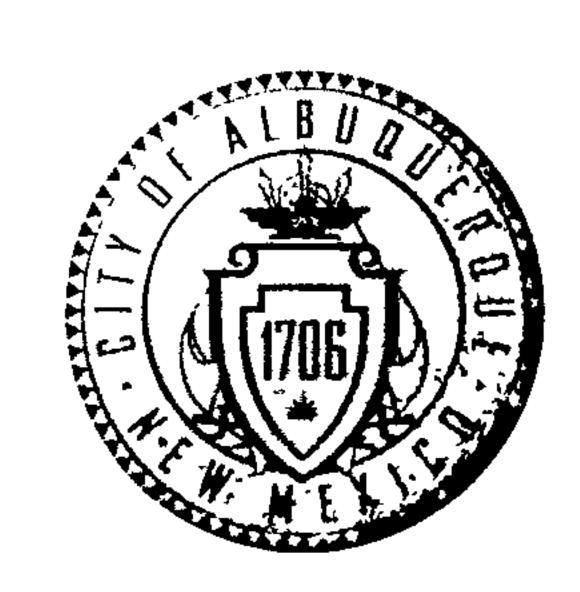
- 1. Conceptual Grading and Drainage Plan: Required for approval of Site Development Plans greater than five
- 2. Drainage Plans: Required for building permits, grading permits, paving permits and site plans less than five (5)
- 3. Drainage Report: Required for subdivisions containing more than ten (10)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

ullb









August 6, 2009

Mario G. Juarez-Infante, P.E. Wilson & Company, Inc. 4900 Lang Ave. NW Albuquerque, NM 87109

Re: Mark Twain Elementary School, Multi-Purpose Field, Grading and Drainage Plan

Engineer's Stamp date 7-24-09 (J18/D029)

Dear Mr. Juarez-Infante,

Based upon the information provided in your submittal received 7-28-09 and 8-6-09, the above referenced plan is approved for Grading Permit and Building Permit.

PO Box 1293

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

Albuquerque

Curtis A. Cherne, P.E.

NM 87103

Engineering Associate, Planning Dept. Development and Building Services

www cabq gov

C: file

(REV. 12/05 - AP)

PROJECT TITLE: Mar	k Twain ES	ZONE MAP/DRO	3. FILE#: J-18-Z/DO29
DRB#:	EPC#:	WORK	ORDER #:
LEGAL DESCRIPTION:	<del></del>		
CITY ADDRESS:	6316 Constitution Ave, NE 8711		
ENGINEERING FIRM:	Mileon & Compony	CONTACT	Jason Woodruff, PE
ADDRESS:	Wilson & Company 4900 Lang Ave. NE	PHONE:	505-235-7250
	Albuqueruge, NM	ZIP CODE:	<del></del>
OWNER:	APS Oak Oak Other at		Richard Miller
ADDRESS:	915 Oak Street	PHONE:	<u>505-848-8835</u>
CITY, STATE:	Albuqueruque New Mexico	ZIP CODE:	8/106
ARCHITECT:	Wilson & Company	CONTACT:	See Engineer Above
ADDRESS:	4900 Lang Ave. NE	PHONE:	505-235-7250
CITY, STATE:	Albuquerque, NM	ZIP CODE:	
SURVEYING FIRM:	Wilson & Company	LICENSED	SURVEYOR: Ben Aragon
ADDRESS:	4900 Lang Ave. NE	PHONE:	505-348-4067
CITY, STATE:	Albuquerque, NM	ZIP CODE:	87109
CONTRACTOR:		CONTACT:	
ADDRESS:		PHONE:	
CITY, STATE:		ZIP CODE:	
CHECK TYPE OF SUBMI	ΤΤΔΙ·	CHECK	TYPE OF APPROVAL SOUGHT:
DRAINAGE REPORT			/ FINANCIAL GUARANTEE RELEASE
X DRAINAGE PLAN 1 <sup>st</sup>		<del></del>	ELIMINARY PLAT APPROVAL
DRAINAGE PLAN RE		 S. I	DEV. PLAN FOR SUB'D. APPROVAL
CONCEPTUAL GRAI	DING & DRAINAGE PLAN	S. I	DEV. PLAN FOR BLDG. PERMIT APPROVAL
X GRADING PLAN		SE	CTOR PLAN APPROVAL
EROSION CONTROL	_ PLAN	FIN	IAL PLAT APPROVAL
ENGINEER'S CERT	(HYDROLOGY)	FO	UNDATION PERMIT APPROVAL
CLOMR\LOMR		BU	ILDING PERMIT APPROVAL
TRAFFIC CIRCULTA	ION LAYOUT	CE	RTIFICATE OF OCCUPANCY (PERM.)
ENGINEER/ARCHITE	ECT CERT (TCL)	CE	RTIFICATE OF OCCUPANCY (TEMP)
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ENGINEER/ARCHITE	ECT CERT (AA)	<del></del>	VING PERMIT APPROVAL
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YES			
<u>x                                    </u>			HYDROLOGY
COPT PROVIDED			MY SECTION
Submitted By:	n Woodruff	DATE:	07/28/09

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 define the degree of drainage detail. One or more of the following levels of submittal may be required based on the following:

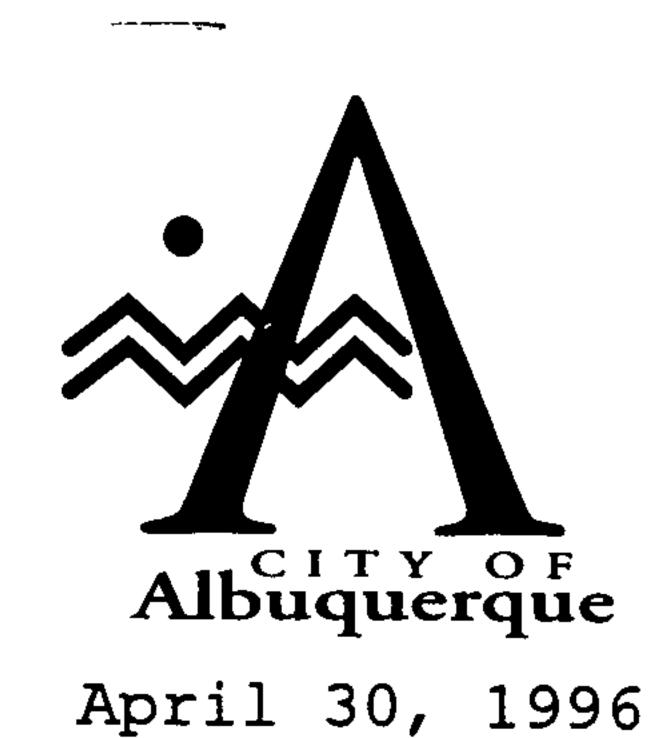
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(REV. 12/05 - AP)

PROJECT TITLE: Mai	rk Twain ES	ZONE MAP/DRO	3. FILE#: J-18-Z
DRB#:	EPC#:	- WORK	ORDER #:
LEGAL DESCRIPTION:			
CITY ADDRESS:	6316 Constitution Ave, NE 87110		
ENGINEERING FIRM:	Wilson & Company	CONTACT:	Jason Woodruff, PE
ADDRESS:	4900 Lang Ave. NE	PHONE:	505-235-7250
CITY, STATE:	Albuqueruqe, NM	ZIP CODE:	87109
<u>OWNER:</u>	APS	CONTACT:	Curtis Cherne
ADDRESS:	915 Oak Street	PHONE:	505-924-3695
CITY, STATE:	Albuqueruque New Mexico	ZIP CODE:	87106
ARCHITECT:	Wilson & Company	CONTACT:	See Engineer Above
ADDRESS:	4900 Lang Ave. NE	PHONE:	505-235-7250
CITY, STATE:	Albuquerque, NM	ZIP CODE:	
SURVEYING FIRM:	Wilson & Company	LICENSED	SURVEYOR: Ben Aragon
ADDRESS:	4900 Lang Ave. NE	PHONE:	505-348-4067
CITY, STATE:	Albuquerque, NM	ZIP CODE:	87109
CONTRACTOR:		CONTACT:	
ADDRESS:		PHONE:	
CITY, STATE:		ZIP CODE:	
CHECK TYPE OF SUBMI	TTAL:	CHECK	TYPE OF APPROVAL SOUGHT:
DRAINAGE REPORT	- RESUBMITTAL	SIA	/ FINANCIAL GUARANTEE RELEASE
X DRAINAGE PLAN 1 <sup>st</sup>	SUBMITTAL	PR	ELIMINARY PLAT APPROVAL
DRAINAGE PLAN RE	SUBMITTAL	S. I	DEV. PLAN FOR SUB'D. APPROVAL
CONCEPTUAL GRAD	DING & DRAINAGE PLAN	S. I	DEV. PLAN FOR BLDG. PERMIT APPROVAL
X_ GRADING PLAN		SE	CTOR PLAN APPROVAL
EROSION CONTROL	- PLAN	FIN	IAL PLAT APPROVAL
ENGINEER'S CERT	(HYDROLOGY)	FO	UNDATION PERMIT APPROVAL
CLOMR\LOMR		BU	ILDING PERMIT APPROVAL
TRAFFIC CIRCULTA	ION LAYOUT	CE	RTIFICATE OF OCCUPANCY (PERM.)
ENGINEER/ARCHITE	ECT CERT (TCL)	CE	RTIFICATE OF OCCUPANCY (TEMP)
ENGINEER/ARCHITE	ECT CERT (DRB S. P.)	_X_ GR	ADING PERMIT APPROVAL
ENGINEER/ARCHITE	ECT CERT (AA)	<u>X</u> PA	VING PERM TOPROVICE TO THE TOP TO
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			HER (SPECIFY) SO #19
WAS A PRE-DESIGN CO	NFERENCE ATTENDED:		AUG 06 2009
YES			
<u>x</u> NO			HYDROLOGY
COPY PROVIDED			SECTION
Submitted By: Jasor	າ Woodruff	DATE:(	08/06/09

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 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
- 2. Drainage Plans: Required for building permits, grading permits, paving permits and site plans less than five (5)
- 3. Drainage Report: Required for subdivisions containing more than ten (10) lots or constituting five (5) acres or more.



Martin J. Chávez, Mayor

Dean Klinger
Wilson & Company
4775 Indian School NE
Albuquerque, NM

RE: MARK TWAIN ELEMENTARY SCHOOL, PHASE I (J18-D29) GRADING AND DRAINAGE PLAN SUBMITTAL FOR BUILDING PERMIT APPROVAL. ENGINEER'S STAMP DATED 4-8-96.

Dear Mr. Klinger:

Based on the information provided on your April 9, 1996 submittal, the above referenced project is approved for Building Permit.

Prior to Certificate of Occupancy, an Engineer's Certification will be required.

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

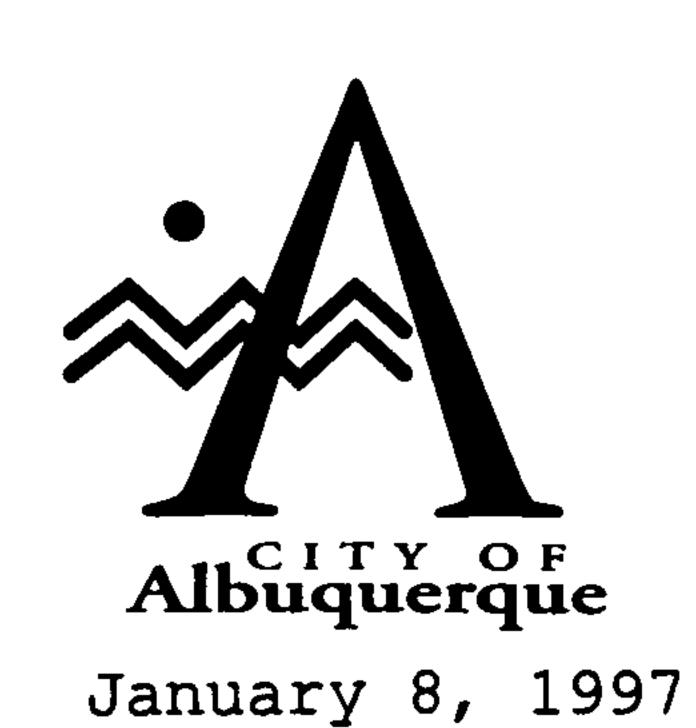
Sincerely,

Lisa Ann Manwill

Engineering Assoc./Hyd.

C: Theresa Lucero
Andrew Garcia
(File)





Martin J. Chávez, Mayor

Dan Aguirre
Wilson & Company
4775 Indian School NE
Albuquerque, NM

RE: MARK TWAIN ELEMENTARY SCHOOL, PHASE I (J18-D29). ENGINEER'S CERTIFICATION FOR CERTIFICATE OF OCCUPANCY APPROVAL. ENGINEER'S CERTIFICATION DATED 12-16-96.

Dear Mr. Aguirre:

Based on the information provided on your letter dated December 23, 1996 the above referenced project is approved for a Certificate of Occupancy.

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



(REV. 8/30/2007)

PROJECT TITLE:	MARK TWAIN ELEMENTARY Z	ONE MAP/DRG. FILE#: J-18 / カップ(		
DRB#:	EPC#:	WORK ORDER #:		
LEGAL DESCRIPTI	ON: LOTS 1 THRU 11, BLOCK 28; ALL	OF BLOCK 29; LOTS 12 THRU 22, BLOCK 30		
	6316 CONSTITUTION NE			
ENGINEERING FIR	M: WILSON & COMPANY	CONTACT: MARIO JUAREZ-INFANTE		
ADDRESS	: 4900 LANG AVENUE, NE	_ PHONE: <u>(505) 348-4064</u>		
CITY, STA	TE: <u>ALBUQUERQUE, NM</u>	ZIP CODE: <u>87109</u>		
OWNER: ALBUQ	UERQUE PUBLIC SCHOOLS	CONTACT: KAREN ALARID		
ADDRESS	: <u>915 OAK ST., SE</u>	PHONE: (505) 242-5865		
CITY, STA	TE: <u>ALBUQUERQUE, NM</u>	ZIP CODE: <u>87106</u>		
ARCHITECT: WI	LSON & COMPANY	CONTACT: TED GREEN		
	: 4900 LANG AVENUE, NE	PHONE: (505) 348-4068		
CITY, STA	TE: <u>ALBUQUERQUE, NM</u>	ZIP CODE: <u>87109</u>		
SURVEYOR: WI	LSON & COMPANY	CONTACT: SCOTT CROSHAW		
	: 4900 LANG AVENUE, NE	PHONE: (505) 348-4035		
CITY, STA	TE: ALBUQUERQUE, NM	ZIP CODE: <u>87109</u>		
CONTRACTOR:		CONTACT:		
ADDRESS		PHONE:		
CITY, STA	TE:	ZIP CODE:		
CHECK TYPE OF SU	JBMITTAL:	CHECK TYPE OF APPROVAL SOUGHT:		
DRAINAGE REF		SIA / FINANCIAL GUARANTEE RELEASE		
 DRAINAGE PLA	N 1 <sup>st</sup> SUBMITTAL, REQUIRES TCL OR EQ	UAL PRELIMINARY PLAT APPROVAL		
CONCEPTUAL	GRADING & DRAINAGE PLAN	S. DEV. PLAN FOR SUB'D. APPROVAL		
GRADING PLAN	1	S. DEV. PLAN FOR BLDG. PERMIT APPROVAL		
EROSION CON	TROL PLAN	SECTOR PLAN APPROVAL		
X ENGINEERS CE	ERTIFICATION (HYDROLOGY)	FINAL PLAT APPROVAL		
CLOMR\LOMR		FOUNDATION PERMIT APPROVAL		
TRAFFIC CIRCU	ULATION LAYOUT (TCL)	BUILDING PERMIT APPROVAL		
ENGINEERS CE	ERTIFICATION (TCL)	X CERTIFICATION OF OCCUPANCY (PERM.)		
ENGINEERS CE	ERTIFICATION (DRB, APPR. SITE PLAN)	CERTIFICATION OF OCCUPANCY (TEMP.)		
OTHER:		GRADING PERMIT APPROVAL		
		PAVING PERMIT APPROVAL		
		WORK ORDER APPROVAL		
		OTHER ROUGH GRADING PERMIT		
WAS A PRE-DESIG	N CONFERENCE ATTENDED:	The same of the sa		
<u>X</u> YES		NO! 26:23		
NO				
COPY PROV	IDED	HYDROLOGY		
Date Submitted:	November 26, 2008	By: Mario Juarez-Infante SECTION		
		Same and the same		

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



December 1, 2008

Tyler J. Ashton, P.E. Wilson & Company, Inc. 4900 Lang Ave. NW Albuquerque, NM 87109

Re: Mark Twain Elementary School, 6316 Constitution NE,

Approval of Permanent Certificate of Occupancy (C.O.)

Engineer's Stamp dated 9/20/08 (J-18/D029)

Certification dated 11/26/08

Mr. Ashton,

PO Box 1293

Based upon the information provided in your submittal received 11/26/08, the above referenced certification is approved for a release of Permanent Certificate of Occupancy by hydrology.

Albuquerque

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

NM 87103

Timothy E. Sims

Sincerely,

Plan Checker, Hydrology

www.cabq.gov

Development and Building Services

C: CO Clerk—Katrina Sigala

File



September 20, 2007

Tyler J. Ashton, P.E. Wilson & Company, Inc. 4900 Lang Ave. NW Albuquerque, NM 87109

Mark Twain Elementary School Grading and Drainage Plan Re: Engineer's Stamp dated 9-20-07 (J18/D029)

Dear Mr. Ashton,

Based upon the information provided in your submittal dated 9-20-07, 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.

P.O. Box 1293

This project requires a National Pollutant Discharge Elimination System (NPDES) permit. You are required to send a copy of your SWPPP on a CD to the following address:

Albuquerque

Department of Municipal Development, Storm Drainage Division, P.O. Box 1293, One Civic Plaza, Rm. 301, Albuquerque, NM 87103

New Mexico 87103

If you have any question concerning the SWPPP, please contact Kathy Verhage 768-3654.

www.cabq.gov

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 924-3695.

Sincerely,

Curtis A. Cherne, P.E.

Engineering Associate, Planning Dept. Development and Building Services

file

Kathy Verhage, DMD

#### TRANSMISSION VERIFICATION REPORT

TIME : 09/20/2007 11:13

NAME FAX

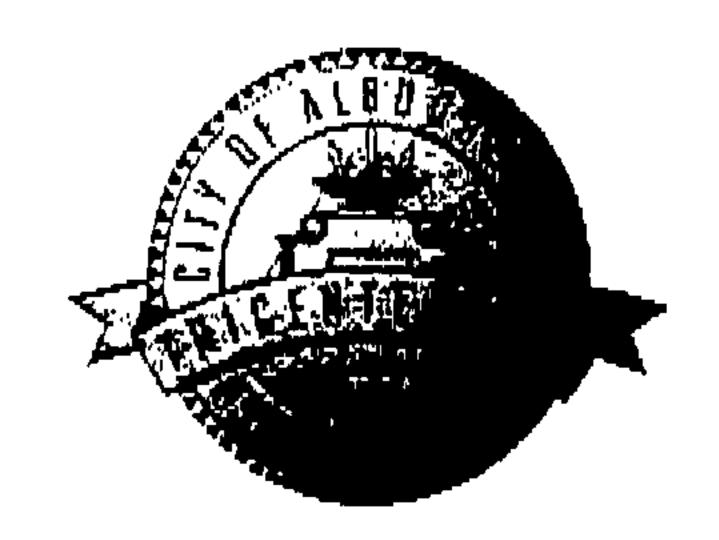
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09/20 11:13 93484072 00:00:15 01 0K STANDARD

# CITY OF ALBUQUERQUE



September 20, 2007

Tyler J. Ashton, P.E. Wilson & Company, Inc. 4900 Lang Ave. NW Albuquerque, NM 87109

Re: Mark Twain Elementary School Grading and Drainage Plan Engineer's Stamp dated 9-20-07 (J18/D029)

Dear Mr. Ashton,

Based upon the information provided in your submittal dated 9-20-07, 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.

PO Box 1293

This project requires a National Pollutant Discharge Elimination System (NPDES) permit. You are required to send a copy of your SWPPP on a CD to the following address:

Albuquerque

Department of Municipal Development, Storm Drainage Division, P.O. Box 1293, One Civic Plaza, Rm. 301, Albuquerque, NM 87103

New Mexico 87103

If you have any question concerning the SWPPP, please contact Kathy Verhage 768-3654.

(REV. 8/30/2007) ZONE MAP/DRG. FILE#: J-18 PROJECT TITLE: MARK TWAIN ELEMENTARY EPC#: \_\_\_\_\_ WORK ORDER #: DRB#: LEGAL DESCRIPTION: LOTS 1 THRU 11, BLOCK 28; ALL OF BLOCK 29; LOTS 12 THRU 22, BLOCK 30 CITY ADDRESS: 6316 CONSTITUTION NE 4/cr 135/1tm CONTACT: \_\_MARIO-JUAREZ-INFANTE ENGINEERING FIRM: WILSON & COMPANY 4000 ADDRESS: 4900 LANG AVENUE, NE PHONE: (505) 348-4064 348-4072 CITY, STATE: <u>ALBUQUERQUE, NM</u> ZIP CODE: 87109 OWNER: ALBUQUERQUE PUBLIC SCHOOLS CONTACT: KAREN ALARID ADDRESS: 915 OAK ST., SE PHONE: (505) 242-5865 CITY, STATE: <u>ALBUQUERQUE, NM</u> ZIP CODE: 87106 ARCHITECT: WILSON & COMPANY CONTACT: TED GREEN ADDRESS: 4900 LANG AVENUE, NE PHONE: (505) 348-4068 CITY, STATE: ALBUQUERQUE, NM ZIP CODE: 87109 SURVEYOR: WILSON & COMPANY CONTACT: SCOTT CROSHAW \_\_\_ADDRESS: 4900 LANG AVENUE, NE PHONE: (505) 348-4035 CITY, STATE: <u>ALBUQUERQUE, NM</u> ZIP CODE: 87109 CONTRACTOR: CONTACT: ADDRESS: PHONE: CITY, STATE: ZIP CODE: CHECK TYPE OF SUBMITTAL: CHECK TYPE OF APPROVAL SOUGHT: DRAINAGE REPORT SIA / FINANCIAL GUARANTEE RELEASE DRAINAGE PLAN 1<sup>st</sup> SUBMITTAL, REQUIRES TCL OR EQUAL \_\_\_\_ PRELIMINARY PLAT APPROVAL CONCEPTUAL GRADING & DRAINAGE PLAN S. DEV. PLAN FOR SUB'D. APPROVAL GRADING PLAN S. DEV. PLAN FOR BLDG. PERMIT APPROVAL EROSION CONTROL PLAN SECTOR PLAN APPROVAL ENGINEERS CERTIFICATION (HYDROLOGY) FINAL PLAT APPROVAL CLOMR\LOMR FOUNDATION PERMIT APPROVAL TRAFFIC CIRCULATION LAYOUT (TCL) X BUILDING PERMIT APPROVAL ENGINEERS CERTIFICATION (TCL) \_\_\_ CERTIFICATION OF OCCUPANCY (PERM.) ENGINEERS CERTIFICATION (DRB, APPR. SITE PLAN) \_\_\_\_ CERTIFICATION OF OCCUPANCY (TEMP.) X OTHER: DRAINAGE RESUBMITTAL X GRADING PERMIT APPROVAL PAVING PERMIT APPROVAL WORK ORDER APPROVAL OTHER ROUGH GRADING PERMIT WAS A PRE-DESIGN CONFERENCE ATTENDED: \_X\_\_\_ YES NO COPY PROVIDED Date Submitted: AUGUST 30, 2007 Mario Juarez Infante By:

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

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



September 19, 2007

Tyler J. Ashton, P.E. Wilson & Company, Inc. 4900 Lang Ave. NW Albuquerque, NM 87109

Re: Mark Twain Elementary School Grading and Drainage Plan Engineer's Stamp dated 9-14-07 (J18/D029)

Dear Mr. Ashton,

Based upon the information provided in your submittal dated 9-18-07, the above referenced plan cannot be approved for Grading Permit or Building Permit until the following comments are addressed:

- My primary concern is that the runoff leaving the 24" storm drain and the flow from the playground area will run against the cmu wall on the property line. It also appears that the front wheel of parked vehicles will be in the 3' swale. A possible solution may be to have the grade near the cmu wall higher with a paved slope down to the drive isle/parking area and have the runoff drain out the drive isle.
- The invert at the elbow in the 8' valley gutter (build note specifies 6" valley gutter) is higher than the upstream invert.
- How much runoff is coming out of the 24" HDPE storm drain?
- Provide an invert where pipe L5 meets pipe L14 and where pipe L7 meets pipe L6.
- Shouldn't the build note specifying a 24"x24"x18" wye specify a 24"x24"x12" wye?
- Detail B5 should have a 6" depth not 12" depth at a 3:1.
- The Hydraulics section of the narrative discusses a detention pond.
- The sub-basin divide map is too dark to discern sub-basins.

Per our phone conversation 9-19-07, it appears you have addressed these comments. If you have any questions, you can contact me at 924-3695.

Sincerely,

Curtis A. Cherne, P.E.

Engineering Associate, Planning Dept. Development and Building Services

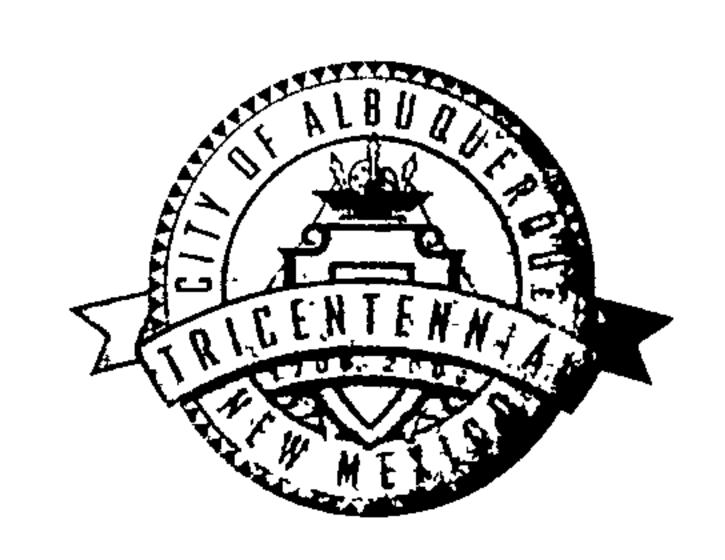
C: file

Albuquerque

P.O. Box 1293

New Mexico 87103

www.cabq.gov



August 31, 2007

Tyler J. Ashton, P.E. Wilson & Company, Inc. 4900 Lang Ave. NW Albuquerque, NM 87109

Re: Mark Twain Elementary School Grading and Drainage Plan Engineer's Stamp dated 8-30-07 (J18/D029)

Dear Mr. Ashton,

Based upon the information provided in your submittal dated 8-30-07, the above referenced plan cannot be approved for Grading Permit or Building Permit until the following comments are addressed:

P.O. Box 1293

Albuquerque

New Mexico 87103

www.cabq.gov

- Show the building you are proposing to build.
- Detail B5 has two details, a 3-foot and a 6-foot swale. It appears from the scale that a 3-foot swale is to be built. Where is the 6-foot swale?
- Provide build notes for the items to be built in between the existing buildings.
- The flowline elevation 69.00 at the east side of the berm is below the 69.34 flowline at the west end of the berm. In addition, the grades don't seem to work in this area. The flowline is at 69.00 and the next contour is 72.
- The 6-foot swale in Detail B should be 1 foot deep not 6 inches at a 3 to 1.
- Detail B should be titled 6" PCC....not 4" PCC...
- Please update the narrative to remove discussing the pond and that improvements will be constructed in the summer of 2007.
- The analysis shows an increase in runoff due to increase in land treatment D. However, Table 2 and Table 3 show the same amount of area in each land treatment from existing to proposed.

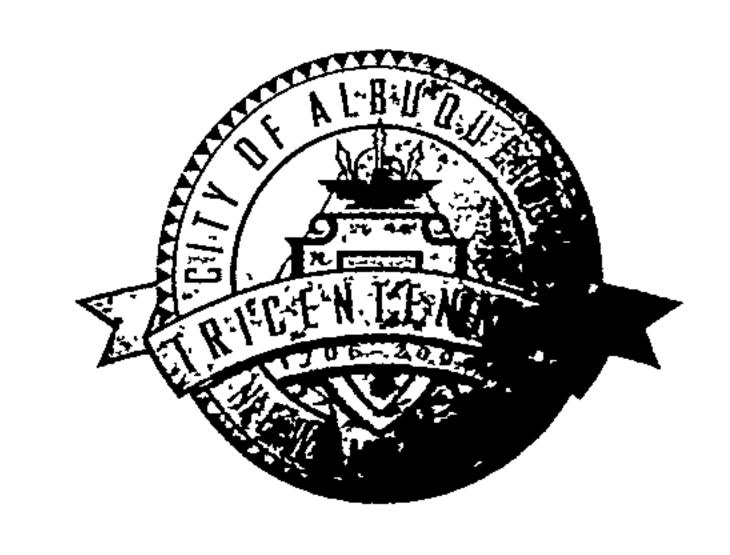
If you have any questions, you can contact me at 924-3695.

Sincerely,

Curtis A. Cherne, P.E.

ule com

Engineering Associate, Planning Dept. Development and Building Services



July 20, 2007

Tyler J. Ashton, P.E. Wilson & Company, Inc. 4900 Lang Ave. NW Albuquerque, NM 87109

Re: Mark Twain Elementary School Grading and Drainage Plan Engineer's Stamp dated 7-17-07 (J18/D029)

Dear Mr. Ashton,

Based upon the information provided in your submittal dated 7-17-07, the above referenced plan cannot be approved for Grading Permit or Building Permit until the following comments are addressed:

P.O. Box 1293

Albuquerque

New Mexico 87103

www.cabq.gov

• The Master Drainage Plan, Wilson & Company stamp date1-23-96, referenced a report by Smith Engineering that determined that ponding to delay the peak should not be used. Therefore, why are you proposing a pond?

• Provide Sheet C-501.

• Provide a table that shows land treatment per basin for existing and proposed conditions with volume and flow calculations.

• Show where runoff leaves the site.

• Provide build notes for the swale/channel that is proposed on the west side of the site.

• How will runoff from the southern/western portion of Basin 3 enter the proposed swale/channel on the west side of the site?

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

Sincerely, Cut a. chem

Curtis A. Cherne, P.E.

Engineering Associate, Planning Dept. Development and Building Services

C: file



December 17, 1996

Martin J. Chávez, Mayor

Dan Aguirre
Wilson & Company
4775 Indian School NE
Albuquerque, NM

RE: MARK TWAIN ELEMENTARY SCHOOL, PHASE I (J18-D29). ENGINEER'S CERTIFICATION FOR CERTIFICATE OF OCCUPANCY APPROVAL. ENGINEER'S CERTIFICATION DATED 12-16-96.

Dear Mr. Klinger:

Based on the information provided on your December 16, 1996 submittal, the above referenced project is approved for a 30-day Temporary Certificate of Occupancy.

Prior to Final Certificate of Occupancy, the entire phase 1 must be complete.

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

Lisa Ann Manwill

Engineering Assoc./Hyd.

c: Theresa Lucero Andrew Garcia File





4775 Indian School Road, N.E., Suite 200 Albuquerque, New Mexico 87110 Post Office Box 3548 87190 505-254-4000 Albuquerque Colorado Springs Denver Kansas City Lenexa Phoenix Salina San Diego Wichita

December 23, 1996

Lisa Ann Manwill, Engineering Assoc./Hyd. City of Albuquerque P.O. Box 1293 Albuquerque, NM 87103-1293

Dear Ms. Manwill:

# Subject: Mark Twain Elementary School, Phase I (J18-d29). Engineer's Certification for Certificate of Occupancy Approval.

The contractor has completed all of the Phase I construction items. The plan included an amphitheater to be constructed as part of Phase I. This is being designed and constructed by the City. The elimination of this amphitheater does not effect the drainage of the site. The site has been graded to substantial compliance with the grading plan. With this change the project is complete and we are asking that the C.O. be changed to a final status for this phase of the project.

If you need any further information please contact me.

Wilson & Company

Daniel S. Aguirre, P.E.

dsa/



# City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

March 18, 1996

Dean Klinger
Wilson & Company
4775 Indian School NE
Albuquerque, NM

RE: MARK TWAIN ELEMENTARY SCHOOL (J18-D29) MASTER DRAINAGE PLAN SUBMITTAL FOR APPROVAL OF DRAINAGE CONCEPT. ENGINEER'S STAMP DATED 1-23-96.

Dear Mr. Klinger:

Based on the information provided on your January 23, 1996 submittal, the concept for the above referenced project is accepted.

While your master plan will greatly expedite a prompt review, a Building Permit submittal will be required for each phase of construction.

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

Sincerely

Lisa Ann Manwill

Engineering Assoc./Hyd.

c: Theresa Lucero Andrew Garcia