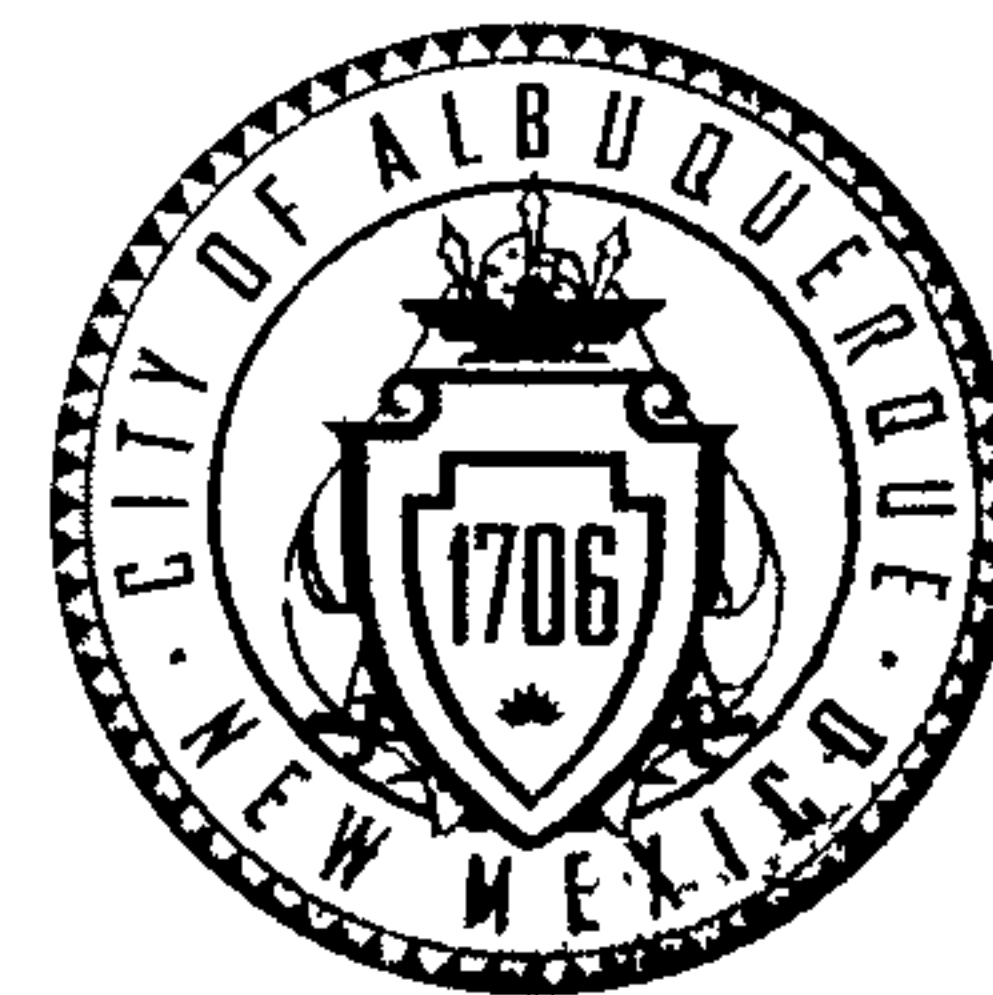


# CITY OF ALBUQUERQUE



*Planning Department*  
Suzanne Lubar, Director

*Mayor Richard J. Berry*

December 16, 2016

Scott McGee, PE  
Scott M. McGee PE, LLC  
9700 Tanoan Dr. NE  
Albuquerque, NM 87111

**RE: Marie Hughes Elementary School**  
**5701 Mojave St NW**  
**Request for Temporary C. O. – Accepted**  
**Engineers Stamp Date 9/30/15 (D11D007)**  
**Certification dated: 12-13-16**

Dear Mr. McGee,

PO Box 1293

Based on the Certification received 12/13/2016, the site is released for a 30-day Temporary Release of Occupancy by Hydrology. However, before a permanent CO can be accepted the following comments must be addressed.

Albuquerque

New Mexico 87103

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

- The approved grading and drainage plans need to be as-built to reflect the work in the pond at the NE corner.
- Ensure that the utilities affected by the new retaining walls are not undermined during construction.
- Gravel needs to be placed in-between the three new trench drains in the tree wells.
- Gravel needs to be placed from the roof drain/splash block to the road at the NE corner.
- The site appears to still be under construction. Construction fences must be removed for permanent certificate of occupancy.

If you have any questions, you can contact me at 924-3686 or Totten Elliott at 924-3982.  
Sincerely,

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

TE/AC

C: e-mail, Cordova, Camille C.; Miranda, Rachel; Sandoval, Darlene M.; Blocker, Lois

**DRAINAGE AND TRANSPORTATION INFORMATION SHEET**  
(REV 04/2009)

PROJECT TITLE: MARIE HUGHES Elementary School ZONE MAP: D-11/D007  
DRB#: \_\_\_\_\_ EPC#: \_\_\_\_\_ WORK ORDER#: 741382

LEGAL DESCRIPTION: Tract 21, The High Range at Taylor Ranch I  
CITY ADDRESS: 5701 Mojave Street NW, ABQ, NM

ENGINEERING FIRM: Scott M McGee PE CONTACT: Scott McGee  
ADDRESS: 9700 Tanoan Drive NE PHONE: 263-2905  
CITY, STATE: ABQ, NM ZIP CODE: 87111

OWNER: A P S CONTACT: Annelle Darby  
ADDRESS: \_\_\_\_\_ PHONE: 848-8817  
CITY, STATE: ABQ, NM ZIP CODE: 87114

ARCHITECT: Don Dudley CONTACT: Don Dudley  
ADDRESS: \_\_\_\_\_ PHONE: 243-8100  
CITY, STATE: ABQ, NM ZIP CODE: 85014

SURVEYOR: High Mesa CONTACT: Chuck Cala  
ADDRESS: 6010-B Midway Park NE PHONE: 345-4250  
CITY, STATE: ABQ, NM ZIP CODE: 87109

CONTRACTOR: \_\_\_\_\_ CONTACT: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_  
CITY, STATE: \_\_\_\_\_ 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'S CERT (TCE)  
☐ ENGINEER'S CERT (DRB SITE PLAN)  
☒ OTHER (SPECIFY) PHASING

**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  
☐ GRADING CERTIFICATION  
☒ OTHER (SPECIFY) PHASING

WAS A PRE-DESIGN CONFERENCE ATTENDED:

☐ YES  
☐ NO  
☐ COPY PROVIDED

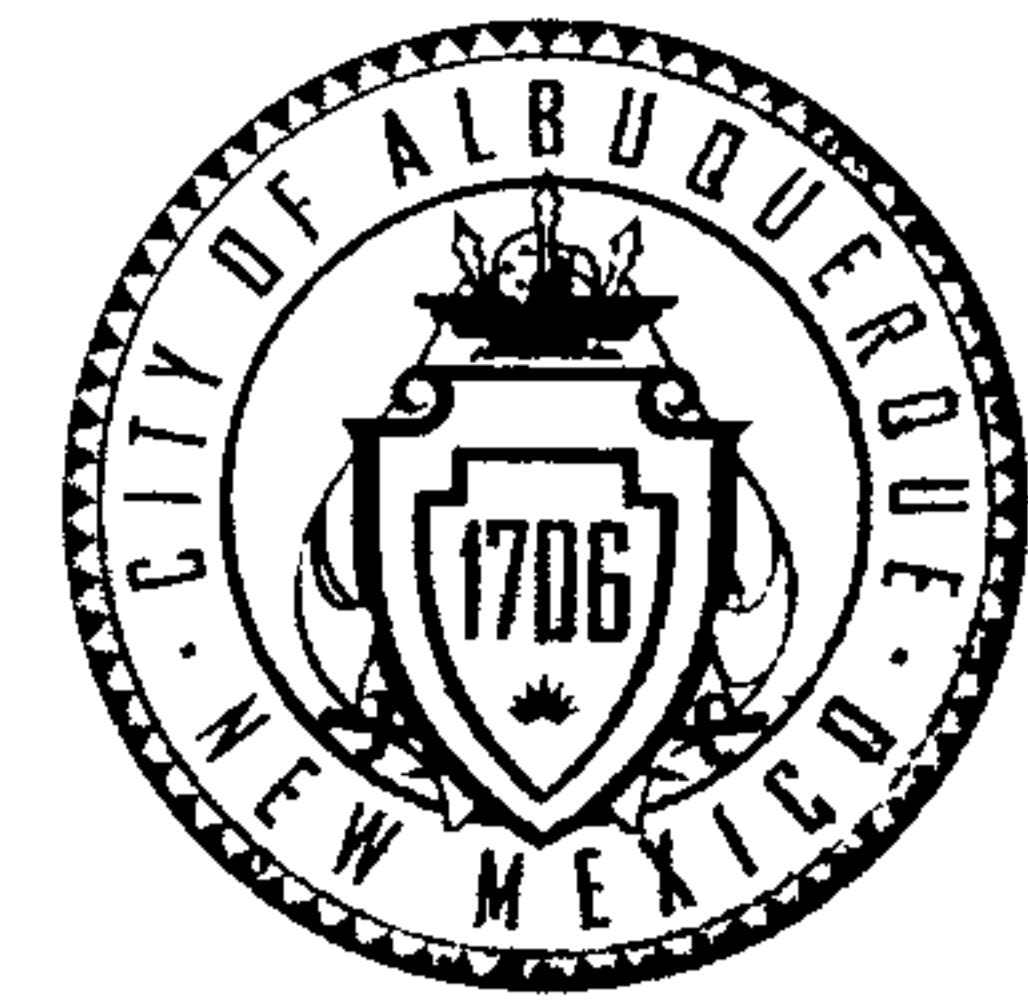
DATE SUBMITTED: 12/13/16 BY: SMM

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.

# CITY OF ALBUQUERQUE

PLANNING DEPARTMENT – Development Review Services



September 21, 2015

Scott M. McGee, P.E.  
9700 Tanoan Dr NE  
Albuquerque, NM 87111

Richard J. Berry, Mayor

RE: **Marie Hughes Elementary School – 2701 Mojave Street, NW**  
**Grading and Drainage Plan for Building Permit**  
**Engineer's Stamp Date 9-3-2015 (D11D007)**

Dear Mr. McGee:

Based upon the information provided in your submittal received 9-4-15, the above referenced plan is approved for Building Permit with the following condition:

1. Since the most easterly pond (connected to inlet) should capture some first flush, lower the pond bottom below the invert elevation of the pipe to the inlet.

PO Box 1293

Please attach a copy of this approved plan in the construction sets when submitting for a building permit. Prior to Certificate of Occupancy release, Engineer Certification per the DPM checklist will be required.

Albuquerque

Since the disturbed area on this site exceeds 1.0 acre, an Erosion and Sediment Control (ESC) Plan, prepared by a NM PE and approved by the City's Stormwater Engineer, will be required for this site.

New Mexico 87103

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

www.cabq.gov

Sincerely,

Rita Harmon, P.E.  
Senior Engineer, Planning Dept.  
Development Review Services

Orig: Drainage file  
c.pdf Addressee via Email

D11D007\_\_BP\_Appr.doc

- Cond

1 of 1

Albuquerque - Making History 1706-2006

**• DRAINAGE AND TRANSPORTATION INFORMATION SHEET**  
(REV 04/2009)

PROJECT TITLE: MARIE HUGHES Elementary School ZONE MAP: D-11/D007  
DRB#: \_\_\_\_\_ EPC#: \_\_\_\_\_ WORK ORDER#: 741382

LEGAL DESCRIPTION: Tract 21 , The High Range at Taylor Ranch 1  
CITY ADDRESS: 5701 Mojave Street NW, ABQ, NM

ENGINEERING FIRM: Scott M McGee PE CONTACT: Scott McGee  
ADDRESS: 9700 Tanoan Drive NE PHONE: 263-2905  
CITY, STATE: ABQ, NM ZIP CODE: 87111

OWNER: A P S CONTACT: Annelle Darby  
ADDRESS: \_\_\_\_\_ PHONE: 848-8817  
CITY, STATE: ABQ, NM ZIP CODE: 87114

ARCHITECT: Don Dudley CONTACT: Don Dudley  
ADDRESS: \_\_\_\_\_ PHONE: 243-8100  
CITY, STATE: ABQ, NM ZIP CODE: 85014

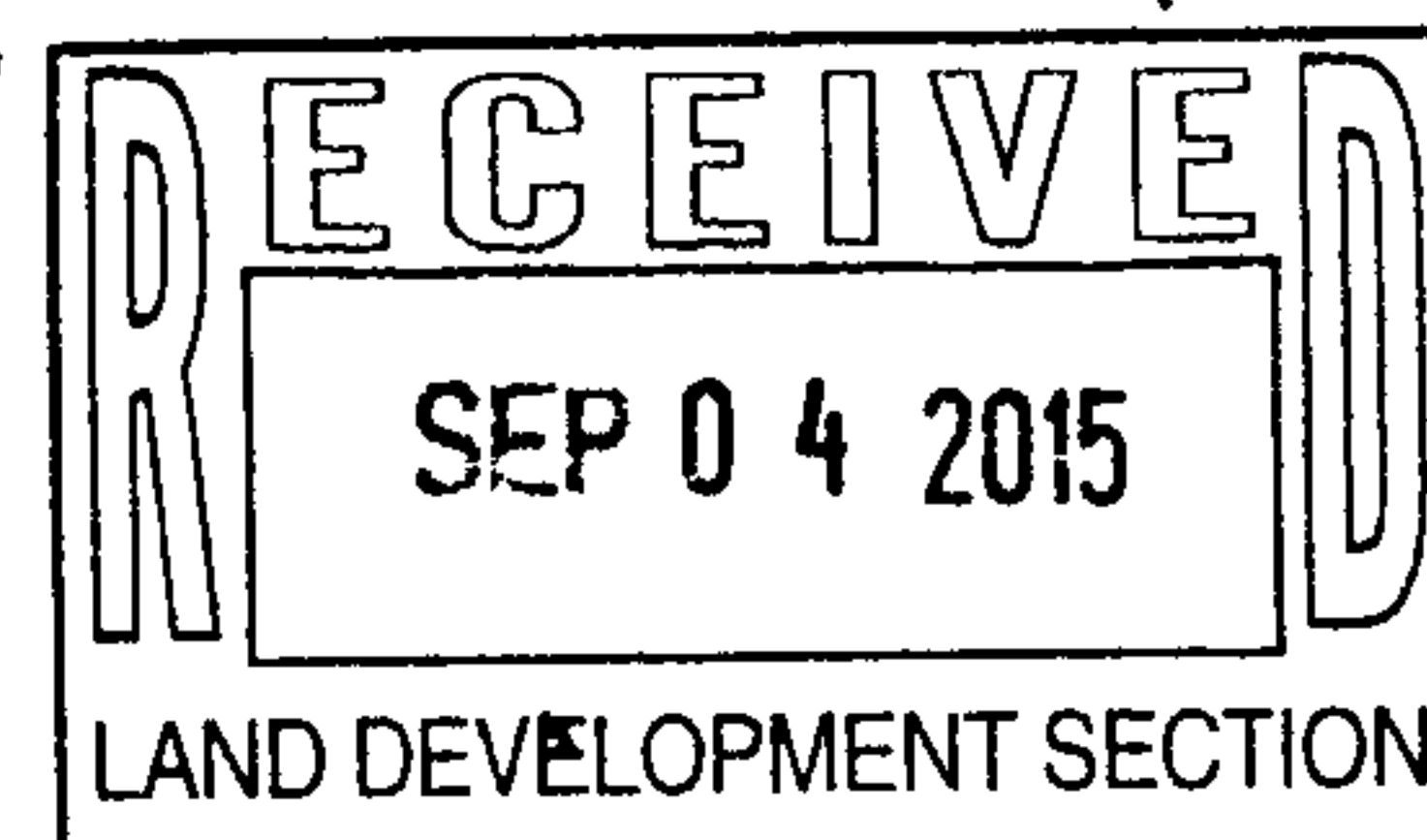
SURVEYOR: High Mesa CONTACT: Chuck Cala  
ADDRESS: 6010-B Midway Park NE PHONE: 345-4250  
CITY, STATE: ABQ, NM ZIP CODE: 87109

CONTRACTOR: \_\_\_\_\_ CONTACT: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_  
CITY, STATE: \_\_\_\_\_ ZIP CODE: \_\_\_\_\_

TYPE OF SUBMITTAL:  
\_\_\_\_ DRAINAGE REPORT  
\_\_\_\_ DRAINAGE PLAN 1<sup>st</sup> SUBMITTAL  
XX 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  
XX BUILDING PERMIT APPROVAL  
\_\_\_\_ CERTIFICATE OF OCCUPANCY (PERM)  
\_\_\_\_ CERTIFICATE OF OCCUPANCY (TEMP)  
\_\_\_\_ GRADING PERMIT APPROVAL  
\_\_\_\_ PAVING PERMIT APPROVAL  
\_\_\_\_ WORK ORDER APPROVAL  
\_\_\_\_ GRADING CERTIFICATION  
\_\_\_\_ OTHER (SPECIFY) \_\_\_\_\_

WAS A PRE-DESIGN CONFERENCE ATTENDED:  
\_\_\_\_ YES  
\_\_\_\_ NO  
\_\_\_\_ COPY PROVIDED



DATE SUBMITTED: 9/04/15 BY: SMM

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.

FROM PROJECT ENGINEER TO CONSTRUCTION TEAM



# SCOTT M MCGEE PE, LLC

## CIVIL ENGINEER

September 4, 2015

Rita Harmon, PE  
Development & Building Services Div.  
600 2<sup>nd</sup> Street NW, Ste. 201  
Albuquerque, NM 87102

RE: Marie Hughes Elementary School (D-11/D007)

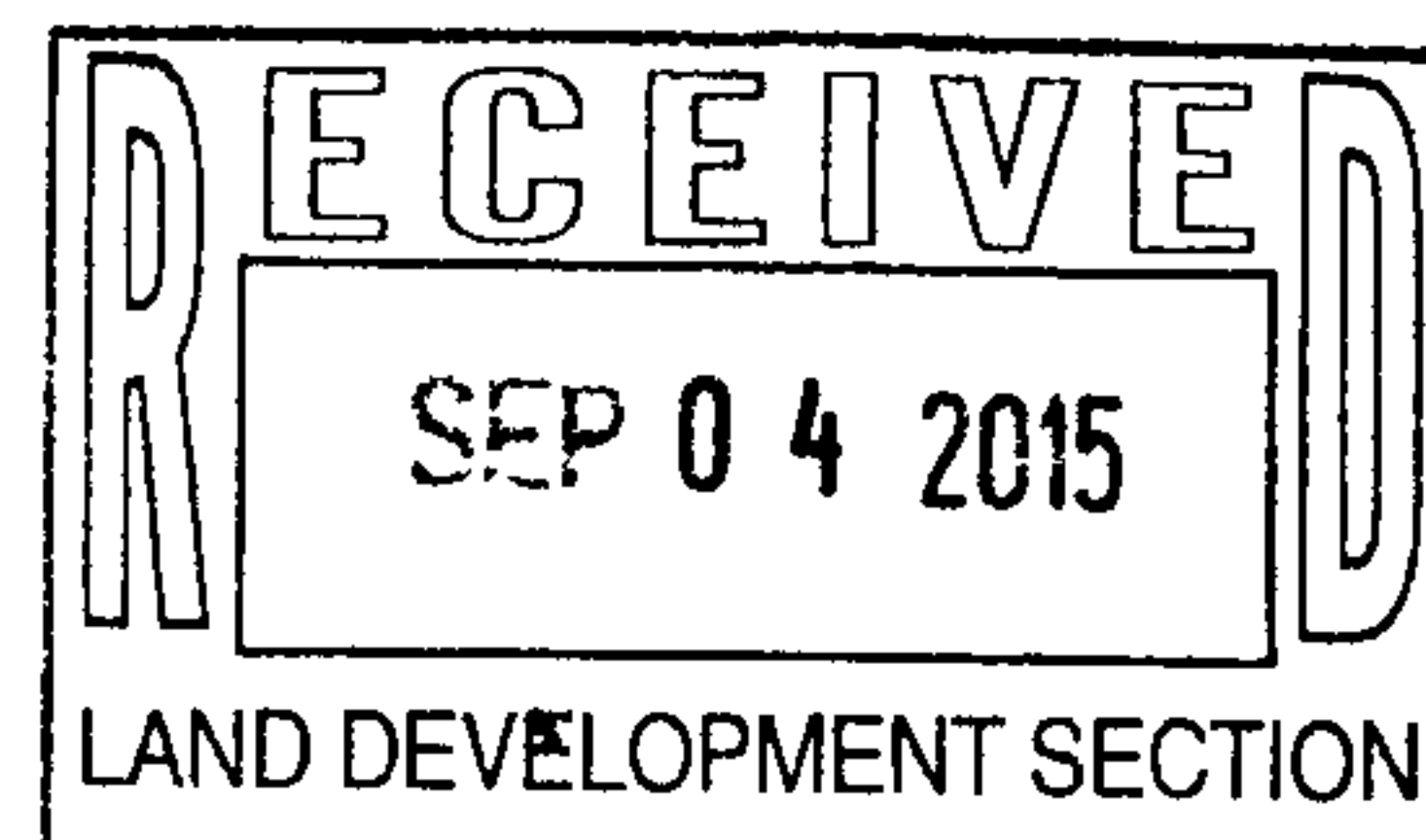
Dear Ms. Harmon,

Thank you for the review comments of August 27. They have been addressed as follows:

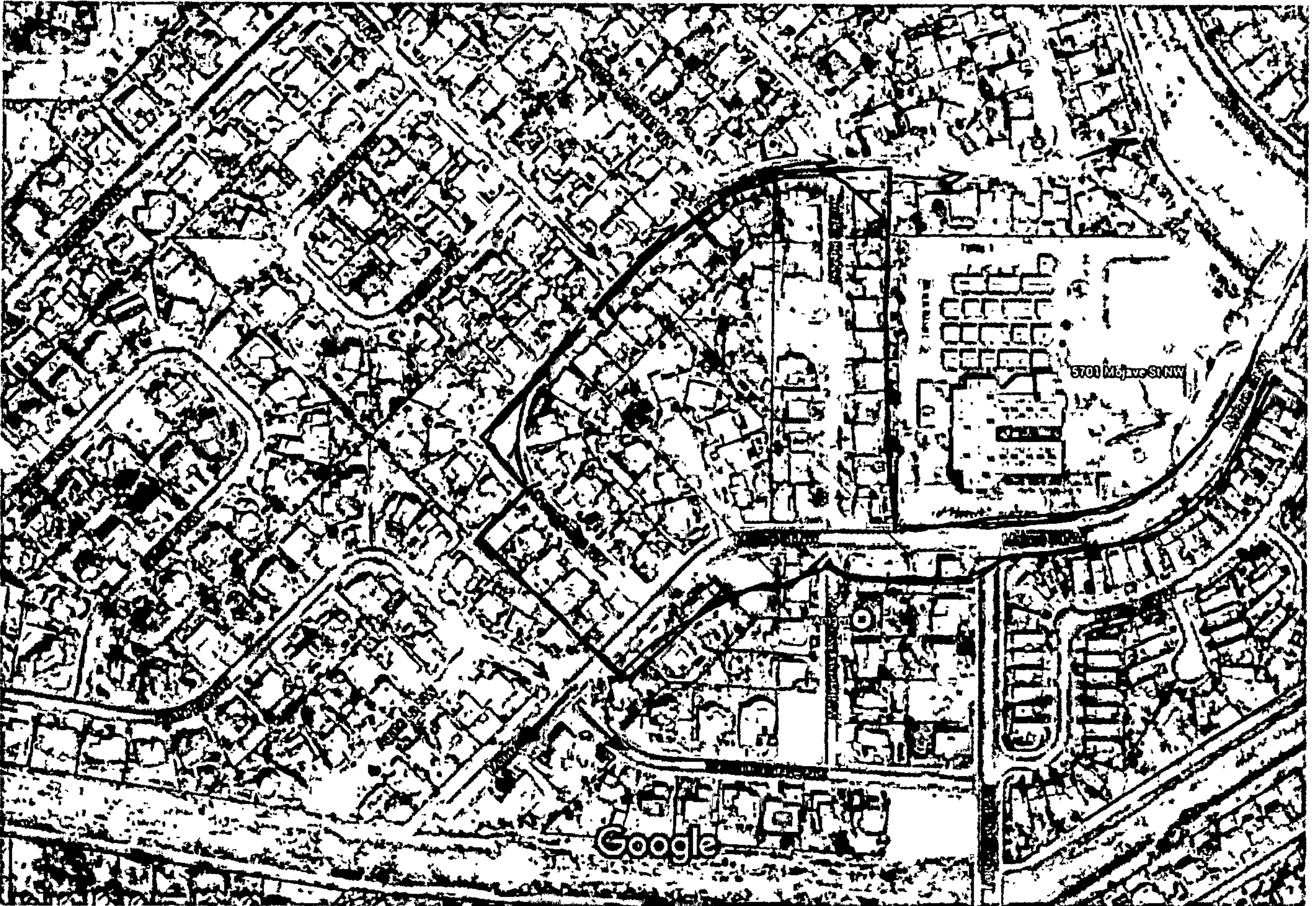
- 1a. See attached upstream basin map. ✓  
b. See attached Supporting Drainage Calculations ✓  
c. The attached calculations show street inlet capacity total to be 96.6 CFS.  
d. Yes the inlets are in a sump condition as the street grade rises toward the center of the bridge crossing the Mariposa Channel. There are 6 more existing inlets across the channel.
2. There is an existing 24" wide by 18" deep concrete side inlet on the south side of the Mariposa approximately 30' upstream of the pedestrian bridge crossing. It is however buried by 3-4' deep earth and hasn't carried flow in quite some time. As the upstream end is buried its location can't be determined, but it does appear to be too high to convey flow from this site by gravity. A pump isn't desired at this location.
- 3a. See inlet and culvert capacity calculations on attached sheet.  
b. The 2<sup>nd</sup> column gives basin area (in acres), which I suspect you added to arrive at 6.8? The next to last column gives flow rate values in CFS.  
c. Discharge point flow rates have been added.  
d. Sub-basins have been defined on the plan and storm drain calculations are shown on the attached calculation sheet.
4. Basin C drainage calculations have been included addressing flows into and out of the pond. A sidewalk culvert has been added for overflow purposes.

Please contact me if you have additional questions. Thank you.

  
Scott M McGee



Go gle Maps 5701 Mojave St NW

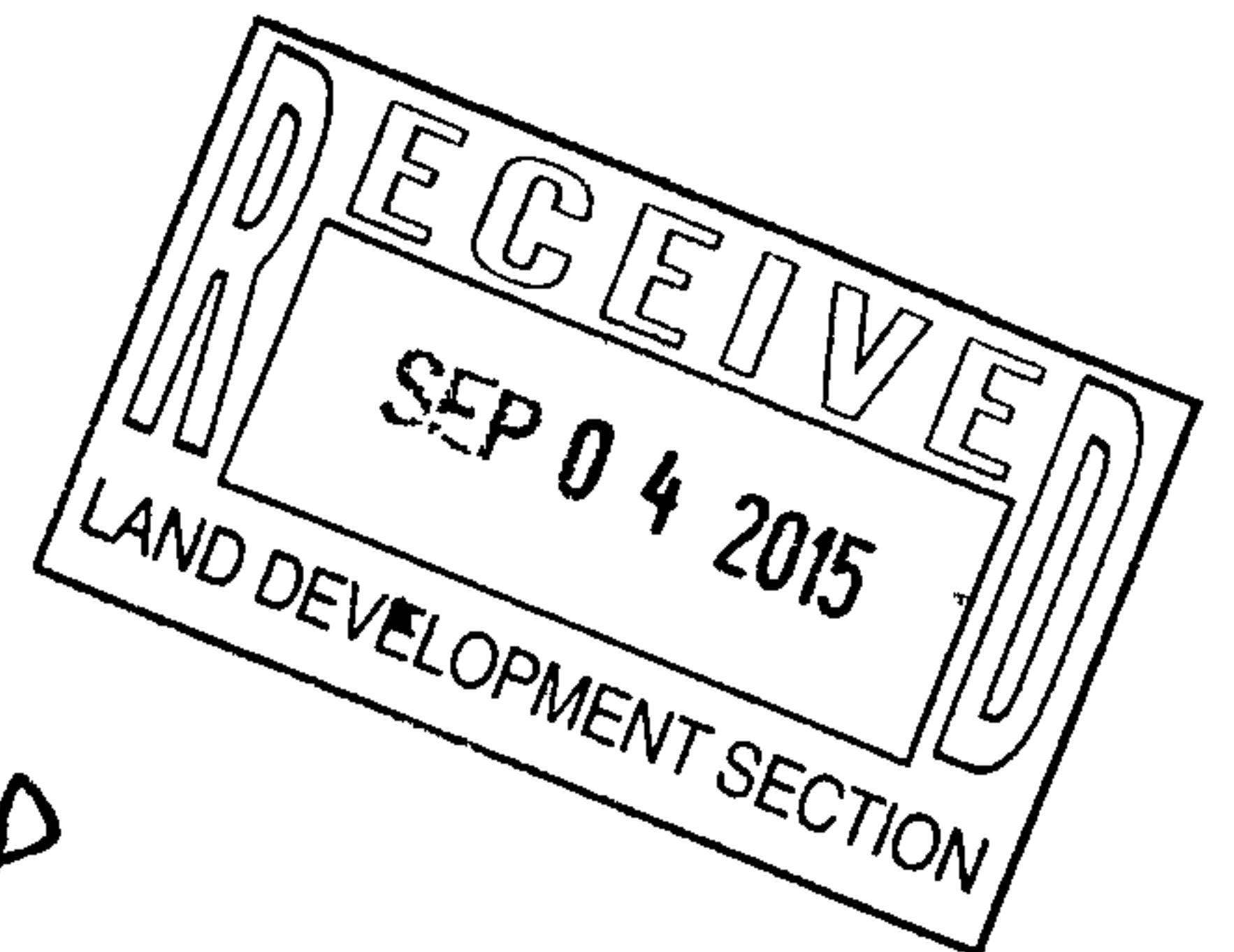


Imagery ©2015 Google, Map data ©2015 Google 200 ft

1" = 400'

→ FLOW DIRECTION

| STREET HIGH POINT



UPSTREAM BASIN MAP

AREA = 15.0 ACRES

MOJAVE R/W = 800' x 60' = 48,000 SF

$$Q = (15.0)(3.52 \text{ CFS/AC}) + (1.1)(4.2 \text{ CFS/AC})$$

52.8                      4.6

$$Q = 57.4 \text{ CFS}$$

# MARIE HUGHES SCHOOL SUPPORTING DRAINAGE CALCULATIONS (D11/D007)

## Mojave Street Capacity:

Manning Equation:  $Q = (1.49/n)AR^{2/3}S^{1/2}$  where  $n=0.017$ , X-sectional area of street is derived from 2 triangular areas (below the street crown) given as  $(2)(21)(0.42)(1/2)$  plus the area above the street crown  $(42)(0.25)$  for a total area of  $8.8+10.5=19.3$  SF,  $R=A/WP=19.3/(42+0.67+0.67)=0.446$  so  $R^{2/3}=0.5835$ , and the root of the street slope  $= (0.0076)^{1/2} = 0.0872$

$$Q = (1.49/0.017)(19.3)(0.5835)(0.08772) = 86 \text{ CFS}$$

Courtyard inlet capacities (per attached Nyloplast Charts) are 3-18" inlets at 2.0 CFS and a 12" inlet at 1.5 CFS for a total of ~~7.5 CFS~~. There is an overflow provided at the SW corner of the courtyard area where excess flow can be conveyed on the surface to the drop off lane and on to Mojave NW. A roof area of approximately 12,000 SF will discharge 1.2 CFS below grade directly to the western drain basin.

Trench drain capacities are based on the Manning equation at a slope of 1.2%:

$$24" \times 6" \quad Q = (1.49/.015)(2)(0.5)(0.481)(0.11) = 5.3 \text{ CFS}$$

$$24" \times 8" \quad Q = (1.49/.015)(2)(0.67)(0.543)(0.11) = 7.9 \text{ CFS}$$

Pipe capacities are also based on the Manning equation at 0.9-1.1% slope:

$$12" \quad Q = (1.49/.013)(.785)(.397)(.105) = 3.7 \text{ CFS}$$

$$18" \quad Q = (1.49/.015)(1.77)(.52)(.095) = 8.7 \text{ CFS}$$

Basin C is in 2 parts-the area west of and including the courtyard (8.4 CFS) and the area east of the drop-off lane (1.3 CFS). The 18" storm drain will discharge to the small holding pond where flows up to 2.8 CFS will be discharged to the existing inlet. Flows exceeding that will be discharged through the sidewalk culvert to the driveway onto Mojave.

Catch basin capacity based on Orifice equation for sump condition:

$$Q = K A (2gH)^{1/2} = (0.7)(5.5)(0.67)(26.8)^{1/2} = 13.3 \text{ CFS (for 5.5' inlet)}$$

$$Q = (0.7)(9)(0.67)(26.8)^{1/2} = 21.7 \text{ CFS for double throat inlet}$$

$$\text{Inlet Capacity} = 4(13.3) + 2(21.7) = 96.6 \text{ CFS}$$

$$\text{Upstream } Q = 57.4 \text{ CFS} + \text{School } Q = 32.7 \text{ CFS} = 90.1 \text{ CFS}$$

$$\text{Calculated street } Q = 90.1 - 2.8 = 87.3 \text{ CFS}$$

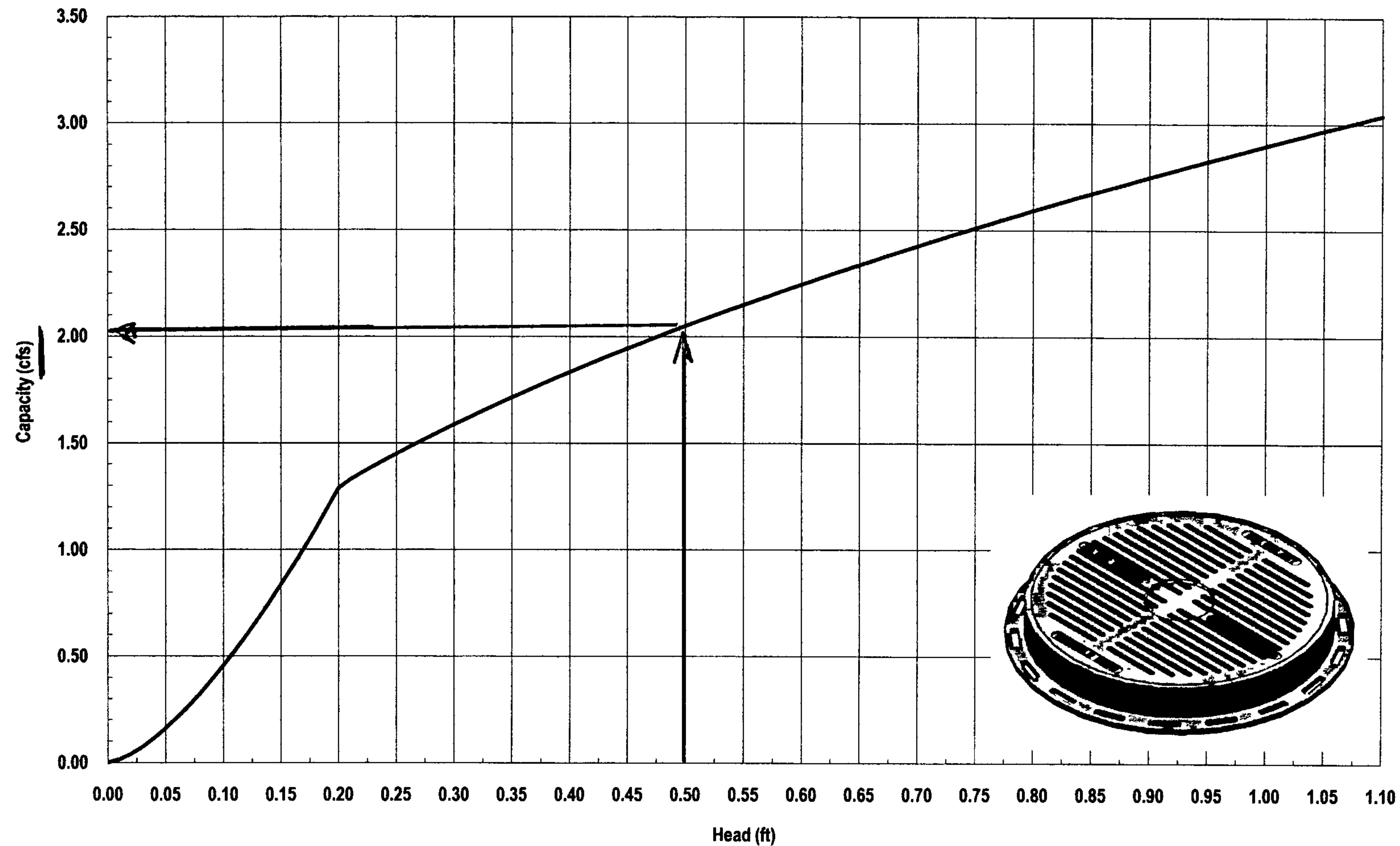
SUB-BASIN #	AREA (AC)	LAND USE (AC)			Q (CFS)
		B	C	D	
A	2.28	0.37	0.63	1.28	8.1
B	2.54	0.52	1.34	0.68	7.7
C	3.17	0.68	1.67	0.82	9.7
D	1.90	0.23	0.39	1.28	7.1

32.4





Nyloplast 18" Pedestrian Grate Inlet Capacity Chart



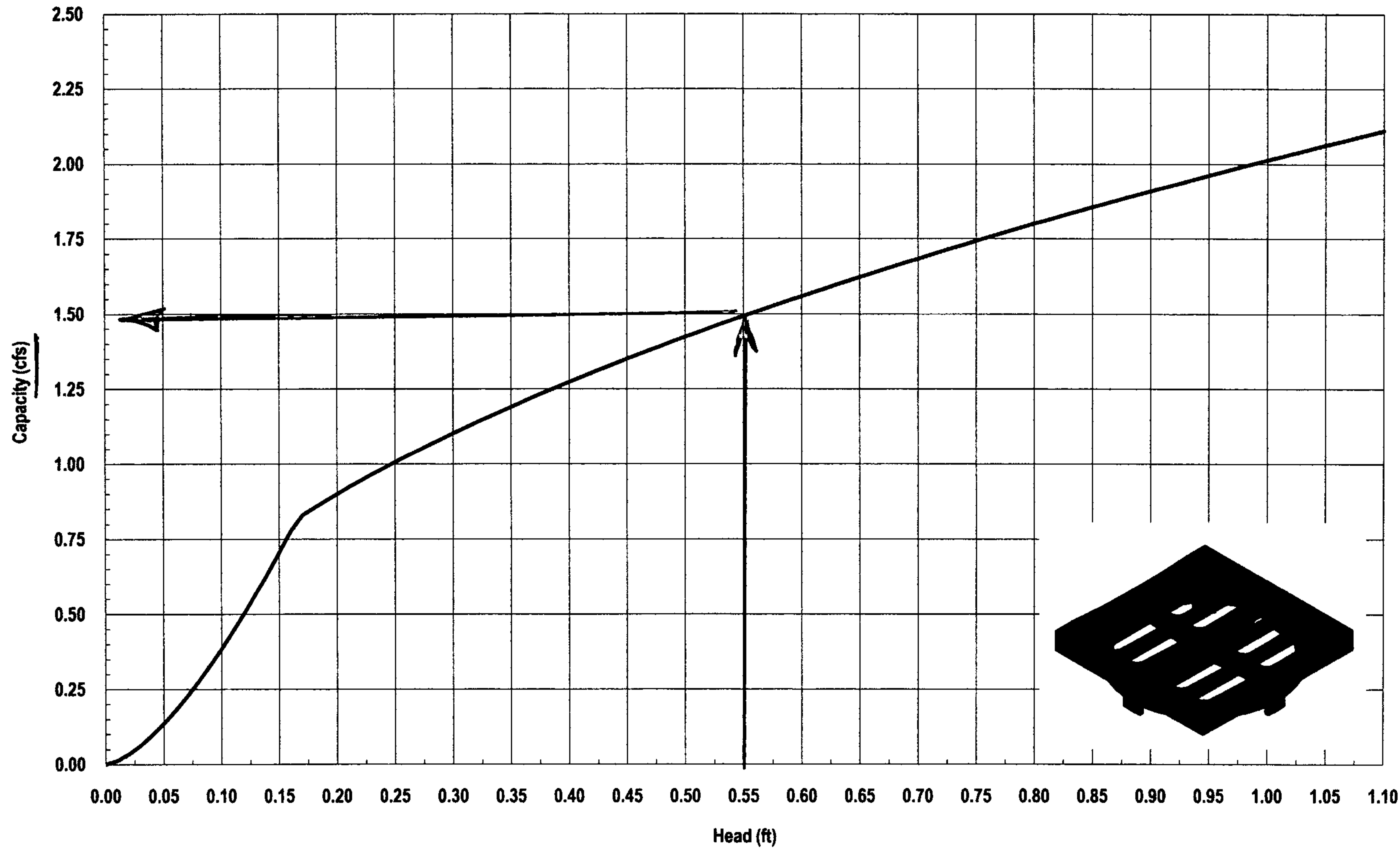
3 INLETS @ 2.0 CFS = 6.0 CFS



3130 Verona Avenue • Buford, GA 30518  
(866) 888-8479 / (770) 932-2443 • Fax: (770) 932-2490  
© Nyloplast Inlet Capacity Charts June 2012



Nyloplast 12" Standard Grate Inlet Capacity Chart



3130 Verona Avenue • Buford, GA 30518  
(866) 888-8479 / (770) 932-2443 • Fax: (770) 932-2490  
© Nyloplast Inlet Capacity Charts June 2012

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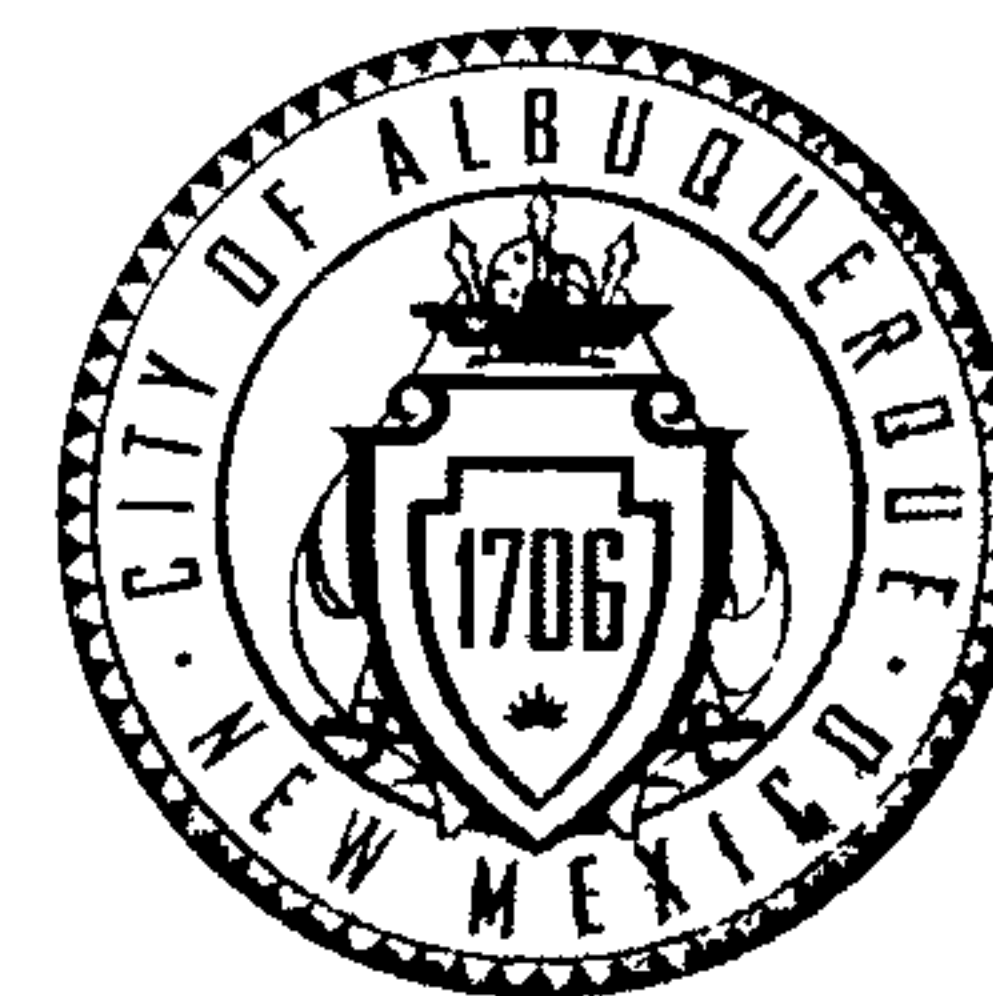
28.

29.

30.

# CITY OF ALBUQUERQUE

PLANNING DEPARTMENT – Development Review Services



August 27, 2015

Scott M. McGee, P.E.  
9700 Tanoan Dr NE  
Albuquerque, NM 87111

Richard J. Berry, Mayor

**RE: Marie Hughes Elementary School – 2701 Mojave Street, NW  
Grading and Drainage Plan for Building Permit  
Engineer's Stamp Date 7-31-2015 (D11D007)**

Dear Mr. McGee:

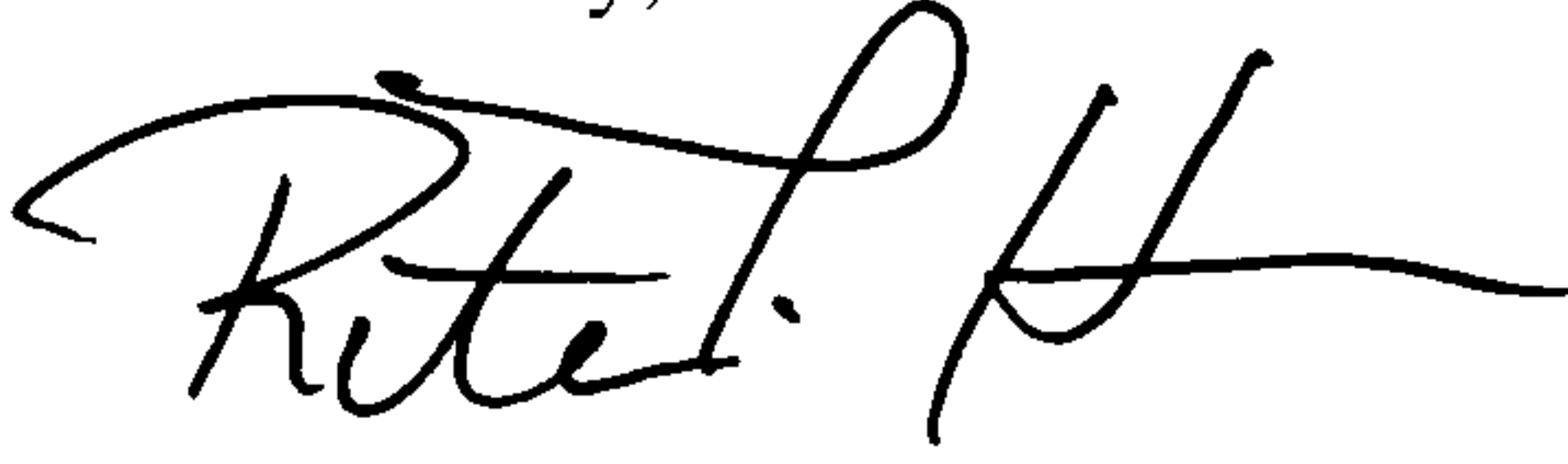
Based upon the information provided in your submittal received 8-4-15, the above referenced plan cannot be approved for Building Permit until the following comments are addressed:

1. In the street capacity calculations:
  - ✓a. Provide a basin map showing the upstream drainage area contributing to the street flows.
  - ✓b. In the Manning's equation, show how input values are determined.
  - ✓c. Show that the inlets can collect flows from the street and this development without flooding.
  - ✓d. Are inlets in a sump? Contour information is cut off.
- ✓2. The older plan by JMA in 1995 states that the outfall for this site was the Mariposa Diversion Channel, and there is already a penetration into the channel. Discharging directly into the Channel is the preferable option and should be re-evaluated. I believe there is already a penetration into the channel.
3. Analysis Points:
  - a. Provide calculations for inlet and culvert capacities shown on table in "Notes"
  - b. The 4 Analysis Points add to 6.8cfs, but the total is 32.7 cfs. Provide an onsite basin map showing the contributing flows from each basin.
  - c. Show amount of flow at all discharge points – into streets, ponds, inlets, etc.
  - d. Basin Map should show how much flow is going in private storm drain system. Provide capacity calculations for the private Storm Drain.
4. How much flow is discharging into the most easterly pond (connected to inlet)? How much flow is discharging out of pond? Since it is functioning as detention pond, what is the Max WSEL? Provide calculations.

5.4 D  
free Discharge

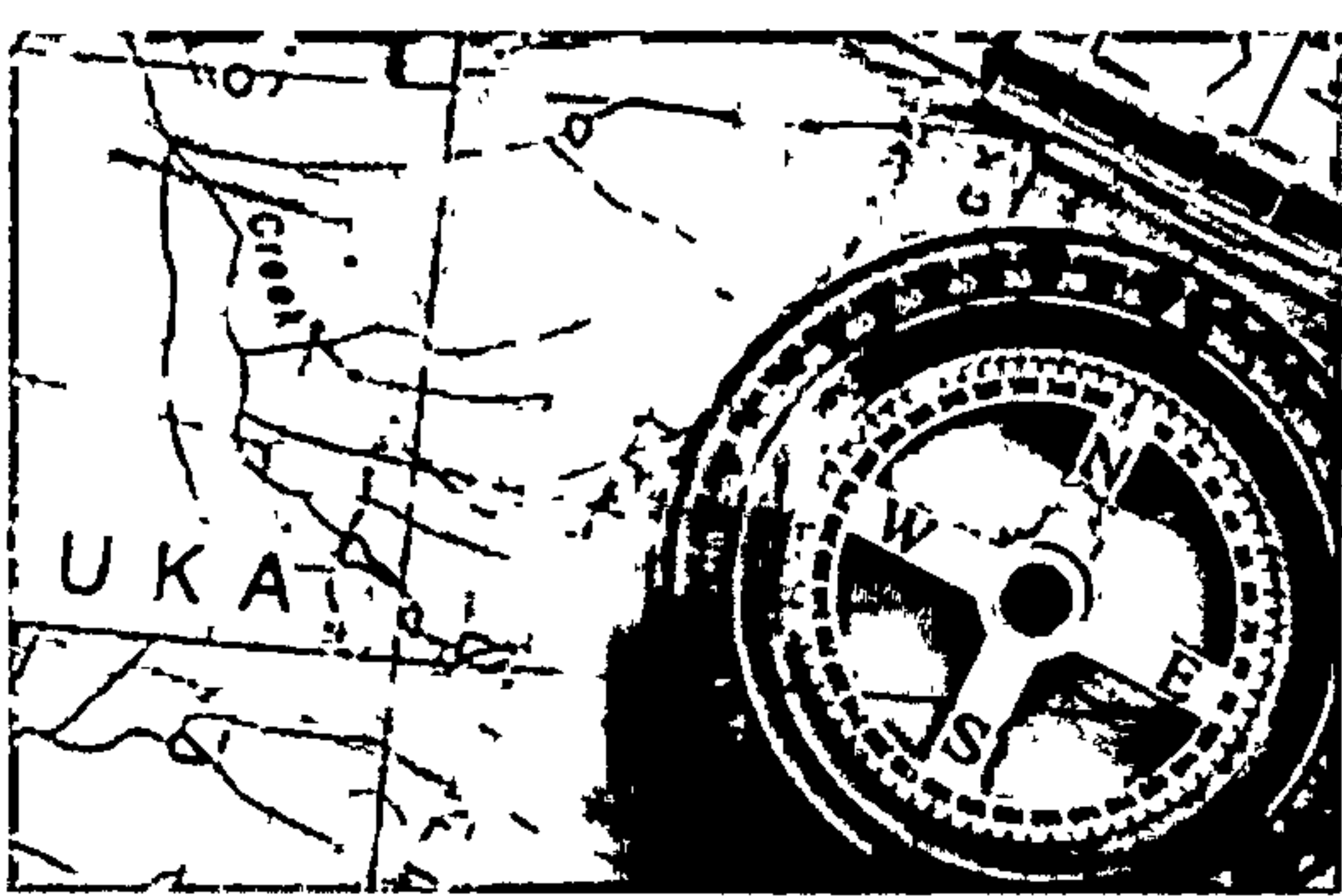
If you have any questions, you can contact me at 924-3695.

Sincerely,

A handwritten signature in black ink, appearing to read "Rita L. Harmon". The signature is fluid and cursive, with a large initial "R" and a stylized "H" at the end.

Rita Harmon, P.E.  
Senior Engineer, Planning Dept.  
Development Review Services

Orig      Drainage file  
c pdf     Addressee via Email

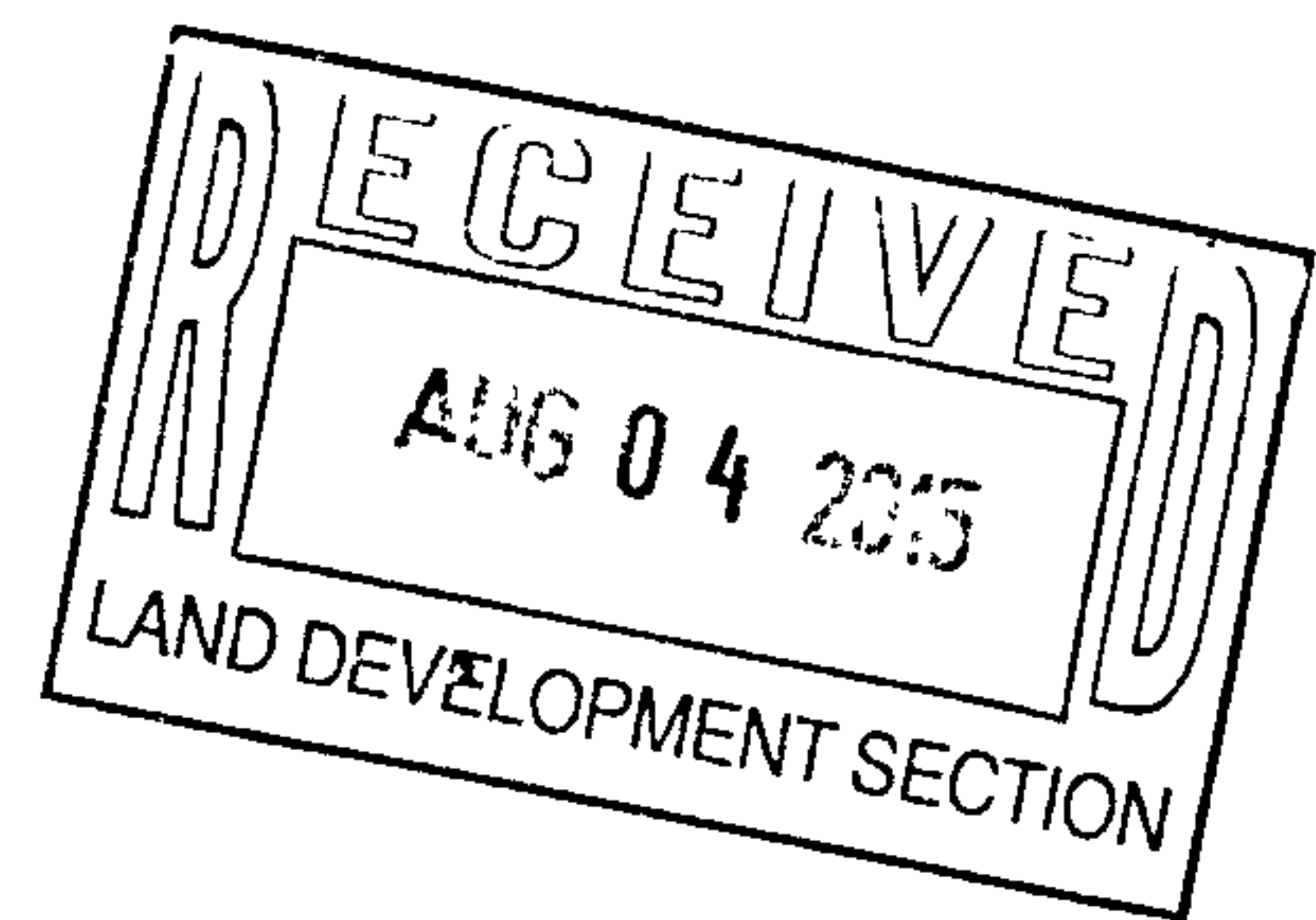


# SCOTT M MCGEE PE, LLC

## CIVIL ENGINEER

August 4, 2015

Rita Harmon, PE  
Development & Building Services Div.  
600 2<sup>nd</sup> Street NW, Ste. 201  
Albuquerque, NM 87102



RE: Marie Hughes Elementary School (D-11/D007)

Dear Ms. Harmon,

The upstream drainage area discharging to the point where the Mariposa Channel meets Mojave Street NW is 16.9 acres. This area is all developed single family housing which (using DPM Volume 2 Table 5), has a 43% land treatment 'D'. Assuming no turf lawns the remainder of 57% is land treatment 'C' which gives a unit discharge of  $Q = (3.52 \text{ CFS/AC})(16.9 \text{ AC}) = 59.5 \text{ CFS}$ . ✓ok

Using the Manning equation for a 42'-wide street, 8" curb height, and 0.76% slope, the street capacity is then:  $Q = (1.49/0.18)(19.3 \text{ SF})(0.5835)(.0872) = 97.5 \text{ CFS}$ . The proposed discharge for the school site is 32.7 CFS. The total Q in the street is then  $Q = 59.5 + 32.7 = 92.2$ , which is less than the total street capacity.

Please contact me if you have additional questions. Thank you. ✓

0.017 per DPM

81.3

*Scott M McGee*

Scott M McGee



## Harmon Rita T.

---

**From:** Scott McGee <scottmmcgee@gmail.com>  
**Sent:** Monday, August 24, 2015 10:31 AM  
**To:** Harmon Rita T.  
**Subject:** RE: Marie Hughes: landscape, civil and architectural site

Rita,

Using the n value of 0.017 gives the following:

$Q = (1.49/.017)(19.3)(0.5835)(0.0872) = 86.0 \text{ CFS.}$  I had the place value off in both the 'n' value and the square root of the slope.

too low!  
need 92.2 cfs

Sent from Mail for Windows 10

**From:** Harmon Rita T.  
**Sent:** Monday, August 24, 2015 9:06 AM  
**To:** scott mcgee  
**Subject:** FW: Marie Hughes: landscape, civil and architectural site

Also, notice the 0.017 vs the 0.15. Why is the place value off?

---

**From:** Harmon Rita T.  
**Sent:** Monday, August 24, 2015 9:03 AM  
**To:** 'Scott McGee'  
**Subject:** RE: Marie Hughes: landscape, civil and architectural site

Scott,  
The DPM has 0.017 for streets. What do you get with that in value?

---

**From:** Scott McGee [<mailto:scottmmcgee@gmail.com>]  
**Sent:** Monday, August 24, 2015 8:47 AM  
**To:** Harmon Rita T.  
**Subject:** FW: Marie Hughes: landscape, civil and architectural site

Rita,

You were correct about the Manning equation included in my letter. After reviewing the calculations, I had used a different 'n' value for the street roughness. Using a value of  $n=0.15$  and the corrected square root of the street slope gives:

$$Q = (1.49/0.15)(19.3)(0.5835)(0.872) = 97.5 \text{ CFS}$$

Would you like me to prepare a corrected letter for the submittal?

Scott McGee PE  
263-2905

•

•

~~I AM REQUESTING A PRE-DESIGN MEETING AND WORK ORDER APPROVAL~~

# DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 04/2009)

PROJECT TITLE: MARIE HUGHES Elementary School ZONE MAP: D-11/D007  
DRB#: \_\_\_\_\_ EPC#: \_\_\_\_\_ WORK ORDER#: 741382

LEGAL DESCRIPTION: Tract 21 , The High Range at Taylor Ranch 1  
CITY ADDRESS: 5701 Mojave Street NW, ABQ, NM

<b>ENGINEERING FIRM:</b>	<b>Scott M McGee PE</b>	<b>CONTACT:</b>	<b>Scott McGee</b>
<b>ADDRESS:</b>	<b>9700 Tanoan Drive NE</b>	<b>PHONE:</b>	<b>263-2905</b>
<b>CITY, STATE:</b>	<b>ABQ, NM</b>	<b>ZIP CODE:</b>	<b>87111</b>

OWNER: A P S CONTACT: Annelle Darby  
ADDRESS: \_\_\_\_\_ PHONE: 848-8817  
CITY, STATE: ABQ, NM ZIP CODE: 87114

ARCHITECT: Don Dudley CONTACT: Don Dudley  
ADDRESS: \_\_\_\_\_ PHONE: 243-8100  
CITY, STATE: ABQ, NM ZIP CODE: 85014

**SURVEYOR:** High Mesa **CONTACT:** Chuck Cala  
**ADDRESS:** 6010-B Midway Park NE **PHONE:** 345-4250  
**CITY, STATE:** ABQ, NM *As Verified* **ZIP CODE:** 87109

**CONTRACTOR:** \_\_\_\_\_ **CONTACT:** \_\_\_\_\_  
**ADDRESS:** \_\_\_\_\_ **PHONE:** \_\_\_\_\_  
**CITY, STATE:** \_\_\_\_\_ **ZIP CODE:** \_\_\_\_\_

TYPE OF SUBMITTAL:	CHECK TYPE OF APPROVAL SOUGHT:
<input type="checkbox"/> DRAINAGE REPORT	<input type="checkbox"/> FINANCIAL GUARANTEE RELEASE
<input checked="" type="checkbox"/> DRAINAGE PLAN 1 <sup>st</sup> SUBMITTAL	<input type="checkbox"/> PRELIMINARY PLAT APPROVAL
<input type="checkbox"/> DRAINAGE PLAN RESUBMITTAL	<input type="checkbox"/> S. DEV. PLAN FOR SUB'D APPROVAL
<input type="checkbox"/> CONCEPTUAL G & D PLAN	<input type="checkbox"/> S. DEV. FOR BLDG. PERMIT APPROVAL
<input checked="" type="checkbox"/> GRADING PLAN	<input type="checkbox"/> SECTOR PLAN APPROVAL
<input type="checkbox"/> EROSION CONTROL PLAN	<input type="checkbox"/> FINAL PLAT APPROVAL
<input type="checkbox"/> ENGINEER'S CERT (HYDROLOGY)	<input type="checkbox"/> FOUNDATION PERMIT APPROVAL
<input type="checkbox"/> CLOMR/LOMR	<input checked="" type="checkbox"/> BUILDING PERMIT APPROVAL
<input type="checkbox"/> TRAFFIC CIRCULATION LAYOUT	<input type="checkbox"/> CERTIFICATE OF OCCUPANCY (PERM)
<input type="checkbox"/> ENGINEER'S CERT (TCL)	<input type="checkbox"/> CERTIFICATE OF OCCUPANCY (TEMP)
<input type="checkbox"/> ENGINEER'S CERT (DRB SITE PLAN)	<input type="checkbox"/> GRADING PERMIT APPROVAL
<input type="checkbox"/> OTHER (SPECIFY)	<input type="checkbox"/> PAVING PERMIT APPROVAL
	<input type="checkbox"/> WORK ORDER APPROVAL
	<input type="checkbox"/> GRADING CERTIFICATION
	<input type="checkbox"/> OTHER (SPECIFY)

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

\_\_\_\_\_ YES  
 \_\_\_\_\_ NO  
 \_\_\_\_\_ COPY PROVIDED

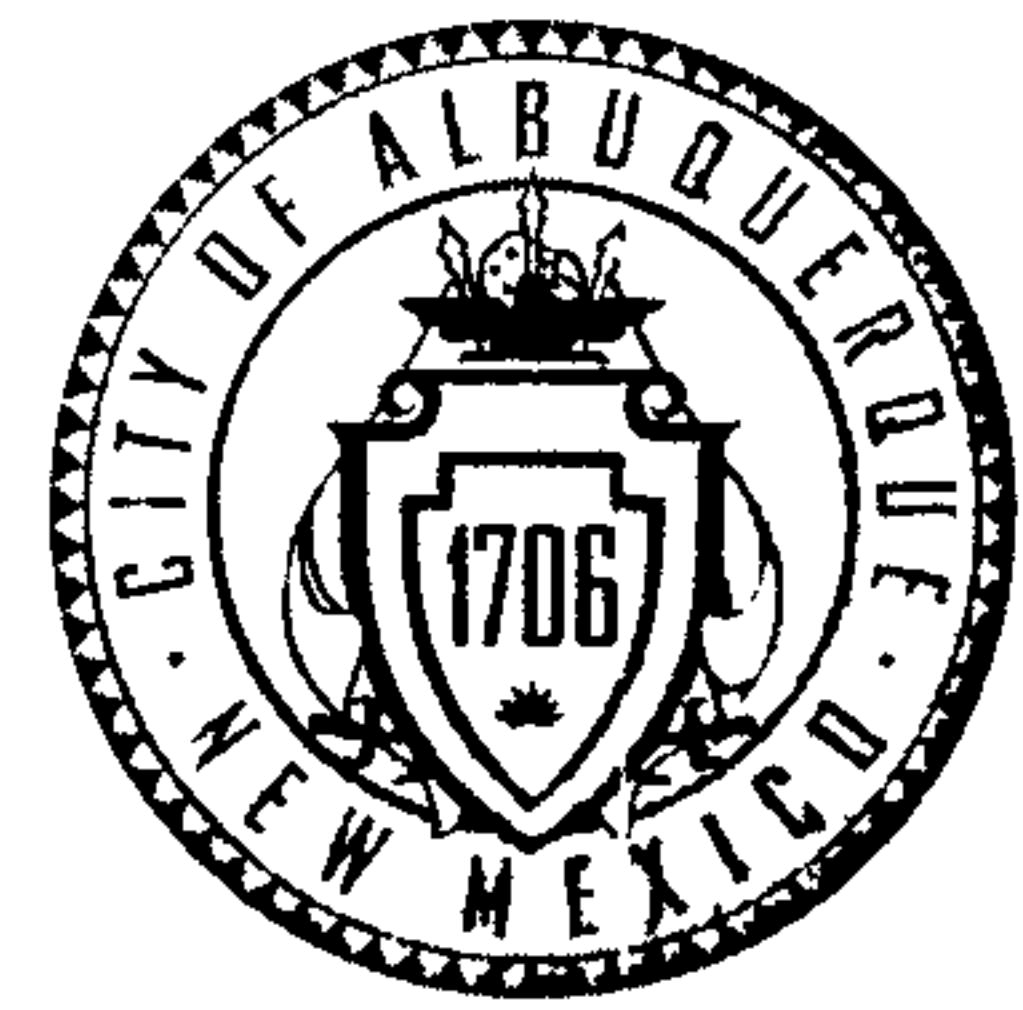
DATE SUBMITTED: 8/04/15 BY: SMM

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.

# CITY OF ALBUQUERQUE

PLANNING DEPARTMENT – Development Review Services



June 26, 2015

Scott M. McGee, P.E.  
9700 Tanoan Dr NE  
Albuquerque, NM 87111

Richard J. Berry, Mayor

**RE: Marie Hughes Elementary School – 2701 Mojave Street, NW  
Grading Plan for Work Order  
Engineer's Stamp Date 6-26-2015 (D11D7)**

Dear Mr. McGee:

Based upon the information provided in your submittal received 6-26-15, the above referenced plan is approved for Work Order.

The older plan by JMA in 1995 states that the outfall for this site was the Mariposa Diversion Channel, but no clear outfall to the channel is shown on the plan. Therefore it is not clear if discharging to the street is the historical discharge point or not. For Building Permit approval either show that this site historically discharged to the street or show that the inlets and street have sufficient capacity.

PO Box 1293

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

Albuquerque

Sincerely,

Rita Harmon, P.E.  
Senior Engineer, Planning Dept.  
Development Review Services

New Mexico 87103

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

Orig: Drainage file  
c.pdf Addressee via Email

# I AM REQUESTING A PRE-DESIGN MEETING AND WORK ORDER APPROVAL

## DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 04/2009)

PROJECT TITLE: MARIE HUGHES Elementary School ZONE MAP: 911-07 D-17/D0  
DRB#: \_\_\_\_\_ EPC#: \_\_\_\_\_ WORK ORDER#: 741382

LEGAL DESCRIPTION: Tract 21 , The High Range at Taylor Ranch 1  
CITY ADDRESS: 5701 Mojave Street NW, ABQ, NM

ENGINEERING FIRM: Scott M McGee PE CONTACT: Scott McGee  
ADDRESS: 9700 Tanoan Drive NE PHONE: 263-2905  
CITY, STATE: ABQ, NM ZIP CODE: 87111

OWNER: A P S CONTACT: Annelle Darby  
ADDRESS: \_\_\_\_\_ PHONE: 848-8817  
CITY, STATE: ABQ, NM ZIP CODE: 87114

ARCHITECT: Don Dudley CONTACT: Don Dudley  
ADDRESS: \_\_\_\_\_ PHONE: 243-8100  
CITY, STATE: ABQ, NM ZIP CODE: 85014

SURVEYOR: High Mesa CONTACT: Chuck Cala  
ADDRESS: 6010-B Midway Park NE PHONE: 345-4250  
CITY, STATE: ABQ, NM ZIP CODE: 87109

CONTRACTOR: \_\_\_\_\_ CONTACT: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_  
CITY, STATE: \_\_\_\_\_ 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'S CERT (TCL)  
☐ ENGINEER'S CERT (DRB SITE PLAN)  
☐ OTHER (SPECIFY) \_\_\_\_\_

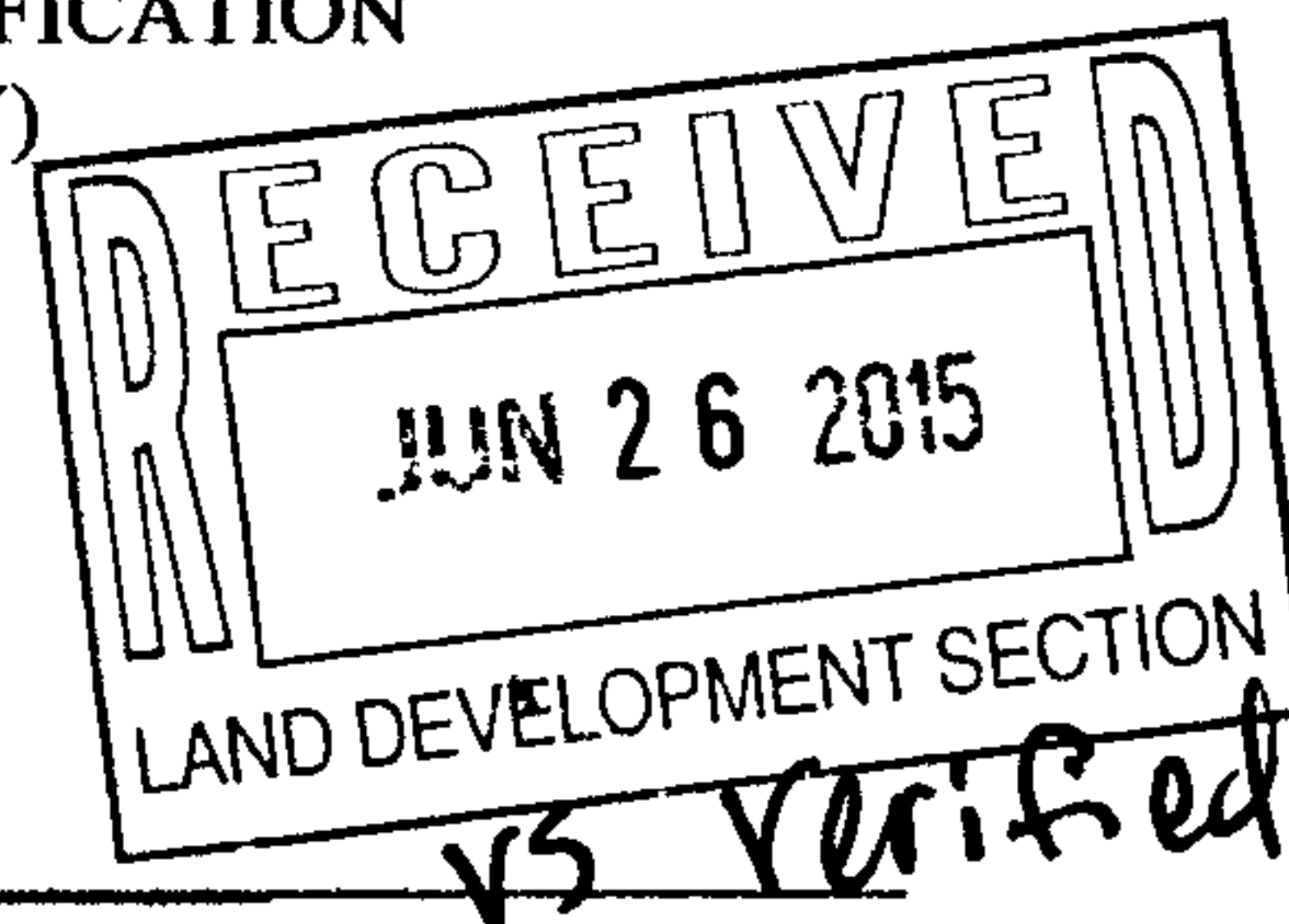
### CHECK TYPE OF APPROVAL SOUGHT:

☐ 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  
☐ GRADING CERTIFICATION  
☐ OTHER (SPECIFY) \_\_\_\_\_

WAS A PRE-DESIGN CONFERENCE ATTENDED:

☐ YES  
☐ NO  
☐ COPY PROVIDED

DATE SUBMITTED: 6/26/15 BY: SMM



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

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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.





# *City of Albuquerque*

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

September 14, 1995

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

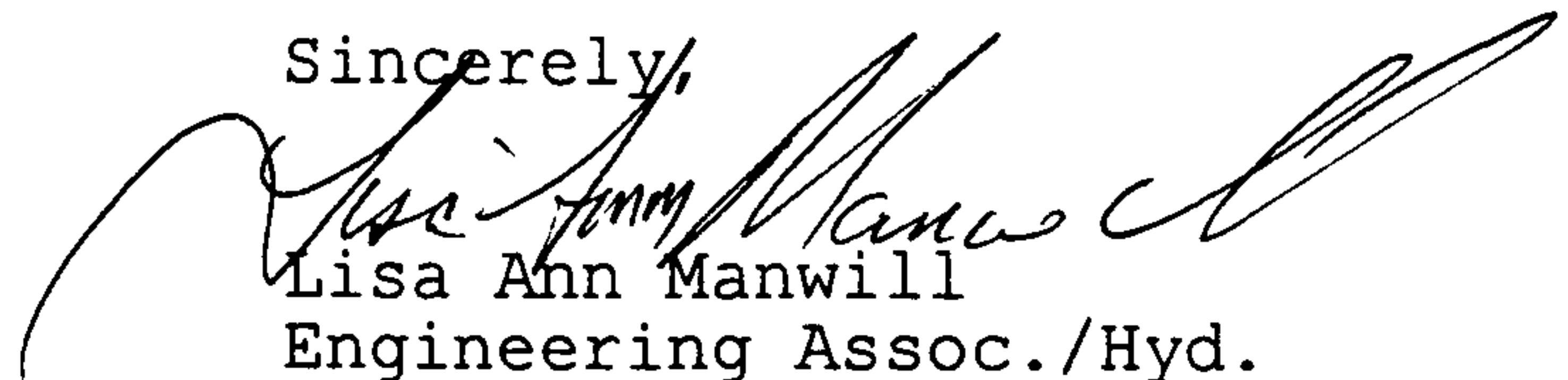
**RE: MARIE HUGHES SHADE STRUCTURE (D11-D7) DRAINAGE AND GRADING  
PLAN FOR BUILDING PERMIT APPROVAL. ENGINEER'S STAMP DATED  
SEPTEMBER 7, 1995**

Dear Mr. Means:

Based on the information provided on your September 8, 1995  
submittal, 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

# CITY OF ALBUQUERQUE



**Planning Department  
Transportation Development Services**

September 24, 2015

Don Dudley  
Dudley Architects  
400 Gold Ave., SW Studio 850  
Albuquerque, NM

**Re: Marie Hughes Elementary School  
5701 Mojave, NW  
Traffic Circulation Layout  
Engineer's/Architect's Stamp dated 8-10-15 (D11-D007)**

Dear Mr. Dudley,

The TCL submittal received 9-22-15 approved for Building Permit. A copy of the stamped and signed plan will be needed for each of the building permit plans. Please keep the original to be used for certification of the site for final C.O. for Transportation.

When the site construction is completed and a Certificate of Occupancy (C.O.) is requested, use the original City stamped approved TCL for certification. Redline any minor changes and adjustments that were made in the field. A NM registered architect or engineer must stamp, sign, and date the certification TCL along with indicating that the development was built in "substantial compliance" with the TCL. Submit this certification TCL with a completed Drainage and Transportation Information Sheet to front counter personnel for log in and evaluation by Transportation.

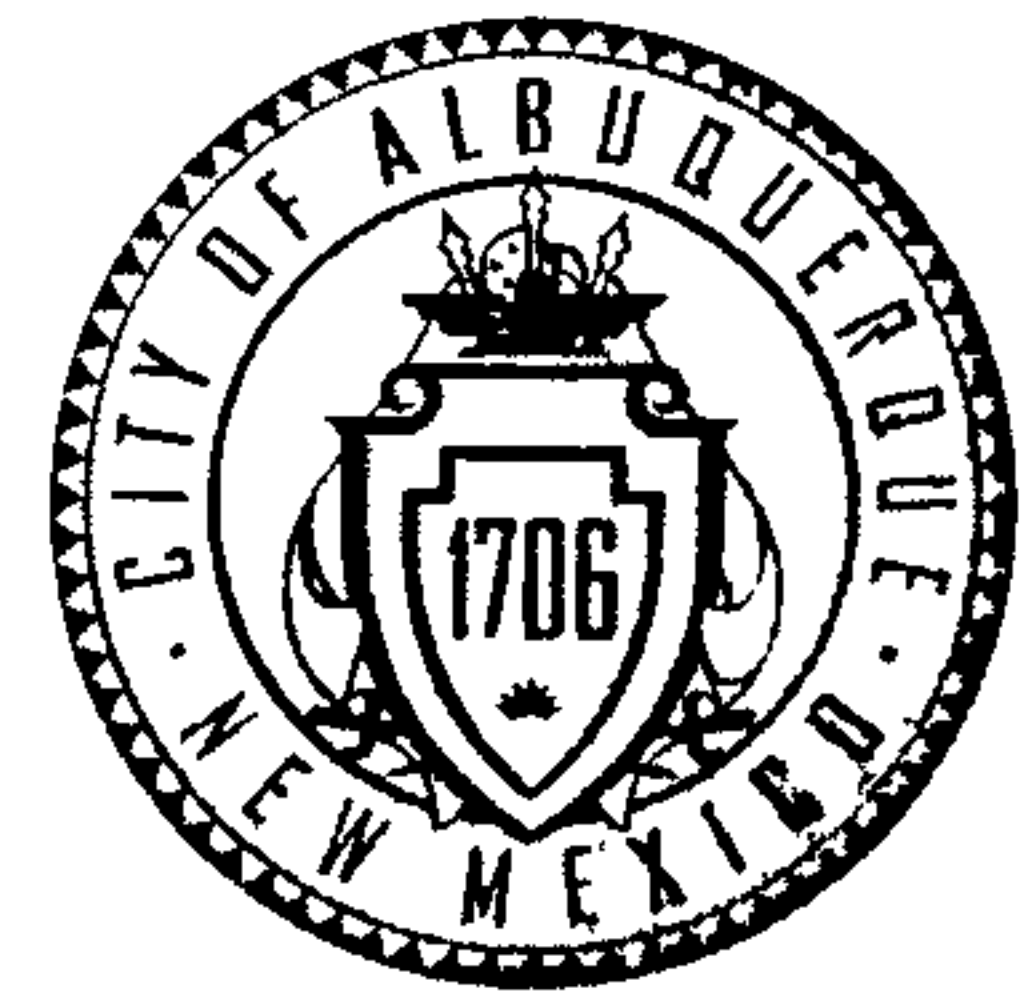
Once verification of certification is completed and approved, notification will be made to Building Safety to issue Final C.O. To confirm that a final C.O. has been issued, call Building Safety at 924-3690.

Sincerely,

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

\gs via: email  
C: CO Clerk, File

# CITY OF ALBUQUERQUE



December 13, 2016

Don Dudley, RA  
Dudley Architects/Studio 850  
400 Gold Ave SW  
Albuquerque, NM

**Re: Marie Hughes Elementary School Phase 1**  
**5701 Mojave St NW**  
**180-Day Temporary Certificate of Occupancy- Transportation**  
**Development**  
Architect's Stamp dated 08-10-15 (D11D007)  
Certification dated 12-09-16

Dear Mr. Dudley,

Based upon the information provided in your submittal received 12-12-16, Transportation Development has no objection to the issuance of a 180-day Temporary Certificate of Occupancy. This letter serves as a "green tag" from Transportation Development for a 180-day Temporary Certificate of Occupancy to be issued by the Building and Safety Division.

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

1. Per the certification language submitted phase two of the building permit must be completed. All parking area improvements, new bus drop off and pick-up and new parent drop off areas must be completed and free of any construction equipment and storage containers.

Once corrections are complete resubmit acceptable package along with fully completed Drainage Transportation Information Sheet to front counter personnel for log in and evaluation by Transportation. For digital submittal and minor comments and/or repairs, please submit photos to [PLNDRS@cabq.gov](mailto:PLNDRS@cabq.gov) prior to submittal. If you have any questions, please contact me at (505) 924-3981.

Sincerely,

  
Monica Ortiz  
Plan Checker, Transportation & Hydrology  
Development Review Services

C: CO Clerk, File

December 9, 2016

City of Albuquerque  
Planning Department  
Development & Building Services Division  
600 2<sup>nd</sup> Street, NW  
Albuquerque, NM 87102

Project: **Marie Hughes Elementary School**  
5701 Mojave St, NW  
Albuquerque, NM 87120

RE: TRAFFIC CERTIFICATION

I, **DON DUDLEY**, NEW MEXICO REGISTERED ARCHITECT OF THE FIRM **G. DONALD DUDLEY ARCHITECT, LTD.** HEREBY CERTIFY THAT THIS PROJECT IS IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE DRB, AA OR TCL APPROVED PLAN DATED 8/10/2015. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY **DON DUDLEY** OF THE FIRM **G. DONALD DUDLEY ARCHITECT, LTD.** I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON SEVERAL OCCASIONS WHILE UNDER CONSTRUCTION AND HAVE DETERMINED BY VISUAL INSPECTION THAT THE SURVEY DATA PROVIDED IS REPRESENTATIVE OF ACTUAL SITE CONDITIONS AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR **CERTIFICATE OF OCCUPANCY**.

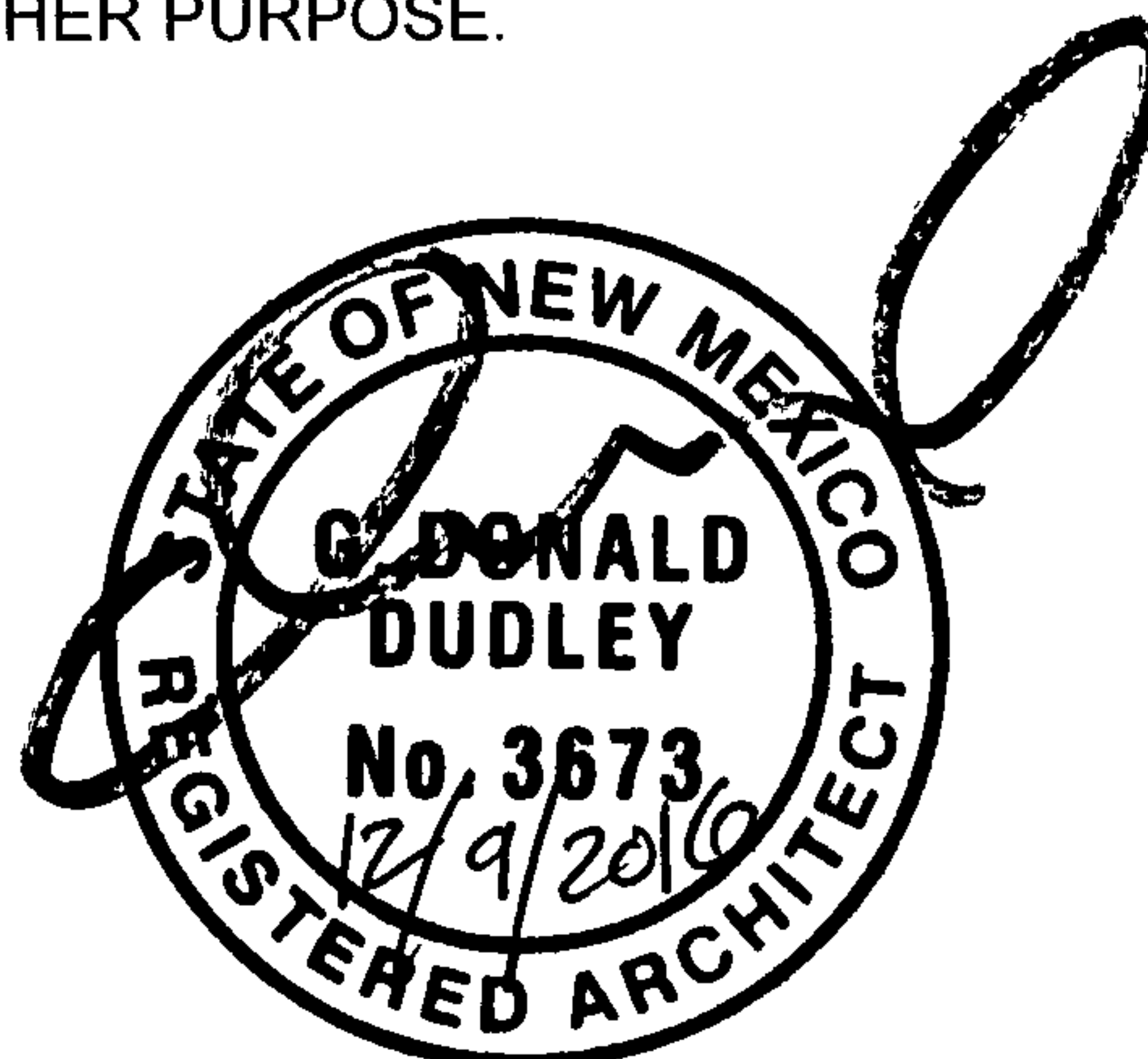
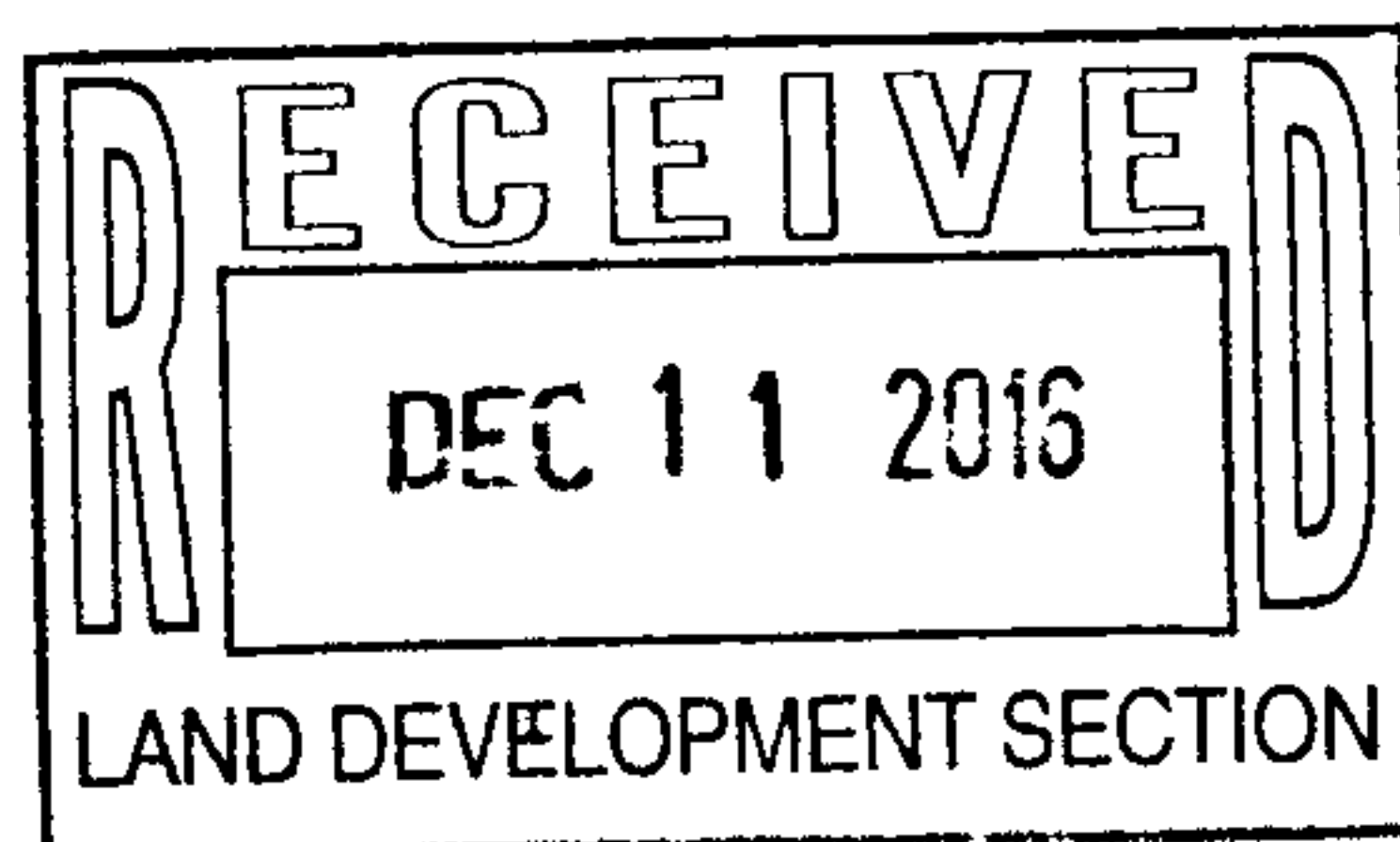
I AM REQUESTING THE FOLLOWING QUALIFICATIONS FOR THIS PROJECT.

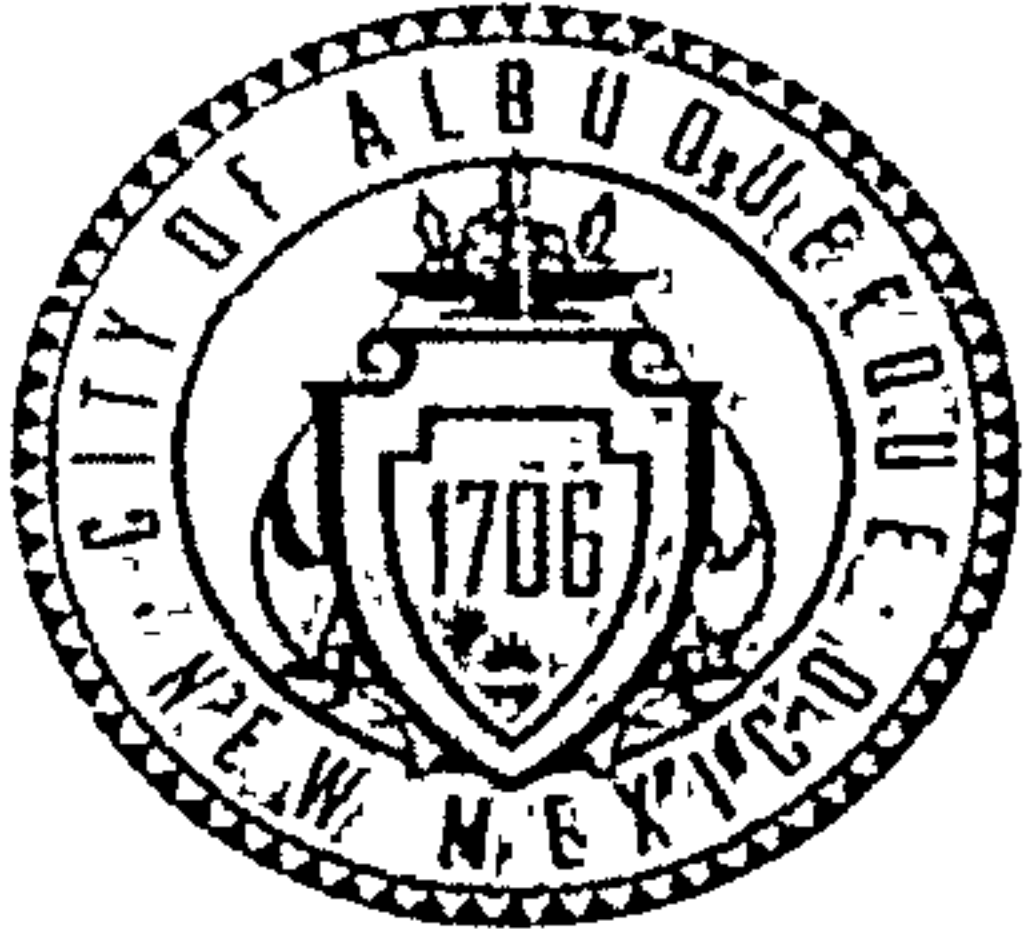
- 1) DUE TO THE FACT THAT THERE IS AN EXISTING ACTIVE ELEMNTARY SCHOOL ON THE SAME GROUNDS AS THE NEW CONSTRUCTION, WE HAVE DEVELOPED A PHASE 1 AND PHASE 2. PHASE 1 IS NOW COMPLETE AND CERTIFIED. PHASE 2 WILL BE COMPLETED (AND CERTIFIED) IN AUGUST 2017.

I HAVE OBSERVED THE FOLLOWING REQUIRED CORRECTIONS:

- 1) NONE.

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.





# City of Albuquerque

Planning Department

Development & Building Services Division

## DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09 2015)

Project Title: MARIE HUGHES ELEM. SCH. Building Permit # \_\_\_\_\_ City Drainage # D11D007

DRB# \_\_\_\_\_ EPC# \_\_\_\_\_ Work Order# \_\_\_\_\_

Legal Description: \_\_\_\_\_

City Address: 5701 MOSAIC, NW ABQ, NM 87120

Engineering Firm: \_\_\_\_\_ Contact \_\_\_\_\_

Address \_\_\_\_\_

Phone# \_\_\_\_\_ Fax# \_\_\_\_\_ E-mail \_\_\_\_\_

Owner: \_\_\_\_\_ Contact \_\_\_\_\_

Address: \_\_\_\_\_

Phone# \_\_\_\_\_ Fax# \_\_\_\_\_ E-mail: \_\_\_\_\_

Architect: DUDLEY ARCHITECTS Contact DON DUDLEY

Address: 400 GOLD AVE, SW # STUDIO B50 ABQ, NM

Phone# 243-8100 Fax# \_\_\_\_\_ E-mail: don@dudleydesign.com

Other Contact: \_\_\_\_\_ Contact: \_\_\_\_\_

Address: \_\_\_\_\_

Phone# \_\_\_\_\_ Fax# \_\_\_\_\_ E-mail: \_\_\_\_\_

Check all that Apply:

### DEPARTMENT:

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

### TYPE OF SUBMITTAL:

- ☐ ENGINEER/ ARCHITECT CERTIFICATION  
☐ CONCEPTUAL G & D PLAN  
☐ GRADING PLAN  
☐ DRAINAGE MASTER PLAN  
☐ DRAINAGE REPORT  
☐ CLOMR/LOMR  
☒ TRAFFIC CIRCULATION LAYOUT (TCL) REV.  
☐ TRAFFIC IMPACT STUDY (TIS)  
☐ EROSION & SEDIMENT CONTROL PLAN (ESC)  
☐ OTHER (SPECIFY) \_\_\_\_\_

### CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

- ☒ BUILDING PERMIT APPROVAL  
☐ CERTIFICATE OF OCCUPANCY  
☐ PRELIMINARY PLAT APPROVAL  
☐ SITE PLAN FOR SUB'D APPROVAL  
☐ SITE PLAN FOR BLDG PERMIT APPROVAL  
☐ FINAL PLAT APPROVAL  
☐ SIA/ RELEASE OF FINANCIAL GUARANTEE  
☐ FOUNDATION PERMIT APPROVAL  
☐ GRADING PERMIT APPROVAL  
☐ SO-19 APPROVAL  
☐ PAVING PERMIT APPROVAL  
☐ GRADING/ PAD CERTIFICATION  
☐ WORK ORDER APPROVAL  
☐ CLOMR/LOMR  
☐ PRE-DESIGN MEETING  
☐ OTHER (SPECIFY) \_\_\_\_\_

IS THIS A RESUBMITTAL? ☒ Yes ☐ No

DATE SUBMITTED: 9/22/15 By: DON DUDLEY

COA STAFF ELECTRONIC SUBMITTAL RECEIVED \_\_\_\_\_

