CITY OF ALBUQUERQUE

December 23, 2014



George Nemeth, P.E.
Smith Engineering Company
2201 San Pedro NE
Albuquerque, New Mexico 87103

RE: North Domingo Baca Park

Phase 9 Racquet Ball Court Site Plan

Engineers Stamp Date 7/19/13 (C19-D043B)

Certification Date 12/18/14

Dear Mr. Nemeth,

Based upon the information provided in your submittal received 12/18/2014, the above referenced Certification for Phase 9, Racquet Ball Courts is acceptable.

If you have any questions, please contact me at 924-3986 or Rudy Rael at 924-3977.

PO Box 1293

Sincerely,

Albuquerque

Curtis Cherne, P.E.

New Mexico 87103

Principal Engineer, Planning Department Development and Review Services

www.cabq.gov

RR/CC C: File

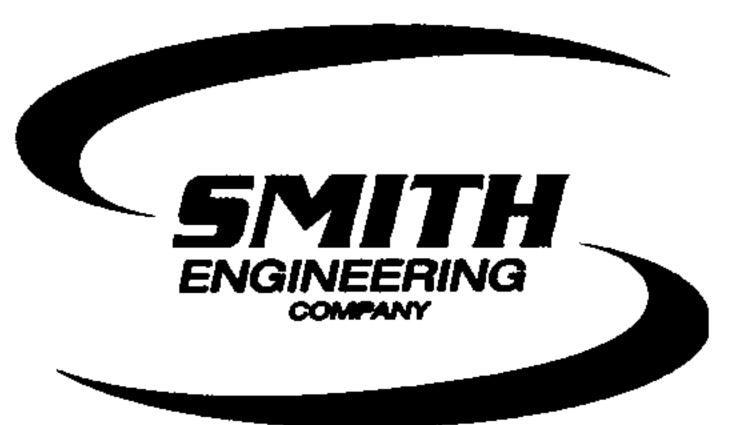
DRAINAGE AND TRANSPORTATION INFORMATION SHEET (Rev. 12/2005)

019D043B

PROJECT TITLE: North Domingo Baca Park – Phase 9	ZONE MAP/DRG. FILE #
DRB#: EPC#:	WORK ORDER#:
LEGAL DESCRIPTION: North Domingo Baca Park, Tract 1	
CITY ADDRESS: 8441 Wyoming Boulevard NE (irrig	gation meter address)
ENGINEERING FIRM: Smith Engineering Company	CONTACT: George Nemeth
ADDRESS: 2201 San Pedro NE	PHONE: 884-0700
CITY, STATE: Albuquerque, NM	ZIP CODE: 87110
CITT, STATE. Albuqueique, Nivi	Zir CODE
OWNER: COA, Parks and Recreation Dept.	CONTACT:David Flores
ADDRESS: P.O. Box 1293	PHONE: 768-5379
CITY, STATE: Albuquerque, NM	ZIP CODE: <u>87103</u>
ARCHITECT: Consensus Planning, Inc.	CONTACT: Chris Green
ADDRESS: 302 Eighth Street	PHONE: 764-9801
CITY, STATE: <u>Albuquerque, NM</u>	ZIP CODE: <u>87102</u>
SURVEYOR:	CONTACT:
ADDRESS:	PHONE:
CITY, STATE:	
CONTRACTOR: Longhorn Construction Services	CONTACT: Jason D. Smith
ADDRESS:	
CITY, STATE:	ZIP CODE:
TYPE OF SUBMITTAL:	CHECK TYPE OF APPROVAL SOUGHT:
DRAINAGE REPORT	SIA/FINANCIAL GUARANTEE RELEASE
DRAINAGE PLAN 1 st SUBMITTAL	PRELIMINARY PLAT APPROVAL
DRAINAGE PLAN RESUBMITTAL	S. DEV. PLAN FOR SUB'D APPROVAL
CONCEPTUAL G & D PLAN	S. DEV. FOR BLDG. PERMIT APPROVAL
GRADING PLAN	SECTOR PLAN APPROVAL
EROSION CONTROL PLAN	FINAL PLAT APPROVAL
ENGINEER'S CERT (HYDROLOGY)	FOUNDATION PERMIT APPROVAL
CLOMR/LOMR	BUILDING PERMIT APPROVAL
TRAFFIC CIRCULATION LAYOUT	X CERTIFICATE OF OCCUPANCY (PERM)
ENGINEER'S/ARCHITECT'S CERT (TCL)	CERTIFICATE OF OCCUPANCY (TEMP)
ENGINEER'S CERT (DRB SITE PLAN)	GRADING PERMIT APPROVAL
OTHER	PAVING PERMIT APPROVAL
OTTER	WORK ORDER APPROVAL
	OTHER (SPECIFY)
WAS A PRE-DESIGN CONFERENCE ATTENDED:	
YES	而原門以上
$\frac{1}{X}$ NO	
COPY PROVIDED	" UEC 1 8 2014 U
SUBMITTED BY:	DATE: DATE: DATE:
George Nemeth, P.E.	LAND DEVELOPIVILIVI
	division Plats shall be accompanied by a drainage submittal. The

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.



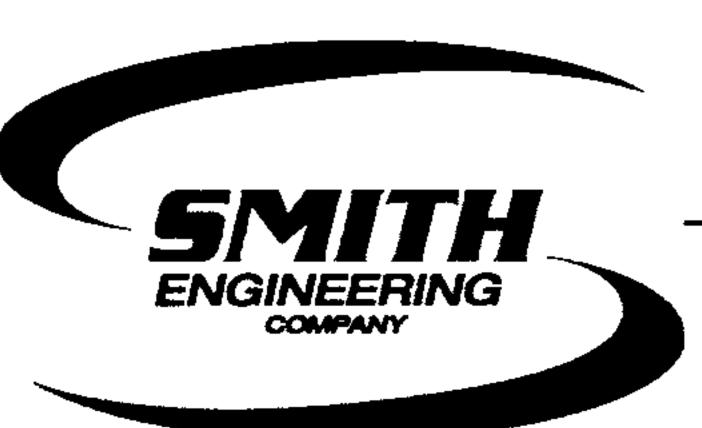
Transmittal Form

Solutions for Today... Vision for Tomorrow

To:	City of Alb	ouquerque	Date:	12/18/2014 12:50	(19D043)
	Planning D	epartment – Hydrology Section	Project No:	112659 BG	
	Plaza del S	ol, 600 Second St NW	Reference:	North Domingo Baca Pa	ırk
Attn:	Curtis Che	rne, PE			
_We ar	e sending yo tached	Under Separa	te Cover	Delivered By Hand	
⊠ Or	op Drawings	Prints Reports		Reproducibles Correspondence	
Q	uantity		Description	n	
	1	North Domingo Baca Park – Phas CD with PDF copies of North Do	······································		fication
For For	r Your Informance	<u></u>		For Field Use Return Approv	ed Copies
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	Ile Madrid				
Smith	Engineering		Received By:		
		[] [E] [] [] [] [] [] [] [] [] [] [] [] [] []	Printed Name: Date	Time:	
		LAND DEVELOPMENT SECTION			

2201 San Pedro Drive, NE Tel: 505.884.0700 Building 4, Suite 200 michellem@smithengineering.pro

Albuquerque, NM 87110 Fax: 505.884.2376



Vision for Tomorrow

Albuquerque, NM 87110

December 17, 2014

Curtis Cherne, P.E.
Principal Engineer, Hydrology
City of Albuquerque
Plaza del Sol
Albuquerque, New Mexico

Re: North Domingo Baca Park – Phase 9

SEC# 112659

Dear Curtis:

On Friday, November 21, 2014, Smith Engineering Company (Smith) conducted a site visit to the project site. The purpose of the site visit was to view the finish grading of the Phase 9 park improvements for compliance with the COA approved drainage plan and to support this drainage certification letter.

Based on my site visit, as well as the as-built survey information provided to me, I observed the following relating to the finish grading.

- 1. On the east side of the racquetball courts, rather than a depression to capture storm water, a bocce court and exercise equipment area were constructed. However, based on the spot elevations provide to me, the area will still detain some storm water roughly equal to the approved plan. This detention will be up against the back of the racquet ball courts.
- 2. All other areas included in the Phase 9 improvements are constructed in substantial compliance with the approved grading & drainage plan.

Based on my observations and the as-built information provided by the Contractor's surveyor, I hereby certify that the drainage improvements constructed under this phase of construction comply with the intent of the approved drainage plans.

Please note that the area of the park immediately to the east of the tennis courts remains as bare dirt. This area was not within the construction limits of Phase 9 of the park improvements. I am concerned that summer rains could wash this dirt into the swale around the east and south sides of the tennis courts and possibly onto the eastern most tennis courts. I suggest this dirt area be stabilized with something like crushed gravel or asphalt millings prior to the next rainy season.

2201 San Pedro Drive, NE

Building 4, Suite 200 GeorgeN@smithengineering.pro

Tel: 505.884.0700 GeorgeN@smithengineering.pro Fax: 505.884.2376

Curtis Cherne Page 2 of 2 December 17, 2014

Please contact me with questions you may have regarding this drainage certification.

Sincerely,

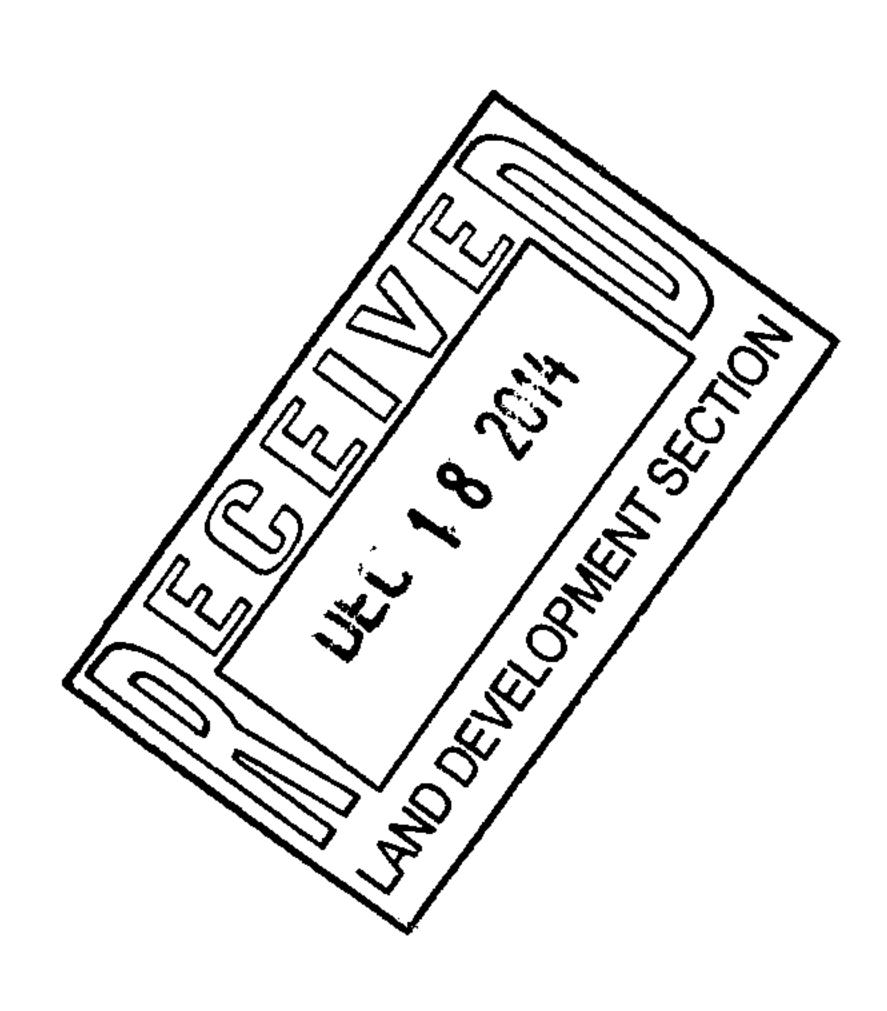
Smith Engineering Company

Geogre Nemeth, P.E.

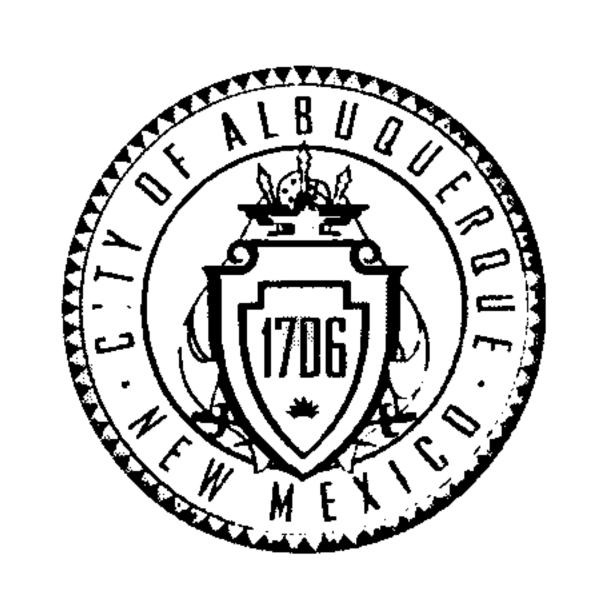
President/Pro

Enclosure – Drainage Plan with as-built information & certification

Chris Green, PLA, ASLA, Consensus Planning, Inc.



CITY OF ALBUQUERQUE



October 14, 2013

George Nemeth, P.E. Smith Engineering Company 2201 San Pedro Drive NE—Bldg 4 Albuquerque, NE 87110

Re: North Domingo Baca Park, Phase 9, Grading and Drainage Plan Engineer's Stamp Dates 9/18/2013 (C19/D043B)

Dear Mr. Nemeth,

Based upon the information provided in your submittal received 9-18-13, the Grading and Drainage Plan is approved for Building Permit.

PO Box 1293

This project requires a National Pollutant Discharge Elimination System (NPDES) permit for storm water discharge for disturbing one acre or more and a Topsoil Disturbance Permit for disturbing ¾ of an acre or more. 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.

Albuquerque

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

New Mexico 87103

www.cabq.gov

Shahab Biazar, P.E.

Sincerely,

Senior Engineer, Planning Dept.

Development and Building Services

C: e-mail

ATTACH THIS SHEET TO THE GRADING AND DRAINAGE PLAN

NORTH DOMINGO BACA PARK, PHASE 9, ENGINEER'S STAMP DATE 9-18-2013 (FILE: C19D043B)

The work in the City ROW must be inspected and accepted. Contractor must contact Jason Rodriguez at 235-8016 and Construction Coordination at 924-3416 to schedule an inspection.

Private Drainage Facilities within City Right-of-Way Notice to Contractor

(Special Order 19 ~ "SO-19")

- 1. An excavation permit will be required before beginning any work within City Right-Of-Way.
- 2. All work on this project shall be performed in accordance with applicable federal, state and local laws, rules and regulations concerning construction safety and health.
- 3. Two working days prior to any excavation, the contractor must contact **New Mexico One Call, dial "811"** [or (505) 260-1990] for the location of existing utilities.
- 4. Prior to construction, the contractor shall excavate and verify the locations of all obstructions. Should a conflict exist, the contractor shall notify the engineer so that the conflict can be resolved with a minimum amount of delay.
- 5. Backfill compaction shall be according to traffic/street use.
- 6. Maintenance of the facility shall be the responsibility of the owner of the property being served.
- 7. Work on arterial streets shall be performed on a 24-hour basis.

DEVELOPMENT REVIEW SERVICES, SR. ENGINEER	
STREET MAINTENANCE INSPECTOR APPROVAL	

Harmon Rita T.

From: Harmon Rita T.

Sent: Monday, November 10, 2014 2:51 PM

To: Dickson, Jesse S.

Cc: 'samlcf@comcast.net'

Subject: RE: Curb Cut Request

Attachments: C19D043B_BP_LTR_2013OCT14.pdf; SO-19 notes and approval.pdf

Jesse,

The site plan was approved, but the engineer's stamp date on the approved plan is 9/18/2013. The plan forwarded in this email is 7/19/2013, so the contractor needs to use the approved plan.

The plan should have been approved for SO-19, with construction notes, but was overlooked. I have added the notes to a separate 8x11 sheet with signature lines, and **this sheet needs to be attached to the Grading and Drainage plan** (the approved plan that is) as well as the plan used for the Engineer's Certification.

Rita Harmon, P.E.

Planning Department
Development & Review Services Division
600 2nd St. NW, Suite 201
Albuquerque, NM 87102
t 505-924-3695
f 505-924-3864

From: Cherne, Curtis

Sent: Monday, November 10, 2014 1:14 PM

To: Harmon Rita T.

Subject: FW: Curb Cut Request

Rita,

Please look into this.

Thanks, Curtis

From: Dickson, Jesse S.

Sent: Monday, November 03, 2014 11:30 AM

To: Cherne, Curtis; Metro, Kristal D.

Cc: Dodge-Kwan, Paula N. Subject: Curb Cut Request

Curtis and Kristal,

Please find the attached permit request to perform curb cuts on Carmel for North Domingo Baca Park. The contractor provided a plan sheet from COA project number 713897, but I'm not seeing anything in the digital repository that

indicates that either Transportation or Drainage has approved the curb cut. I cannot approve without someone approving the curb cuts. It looks like the curb cuts are for drainage purposes.

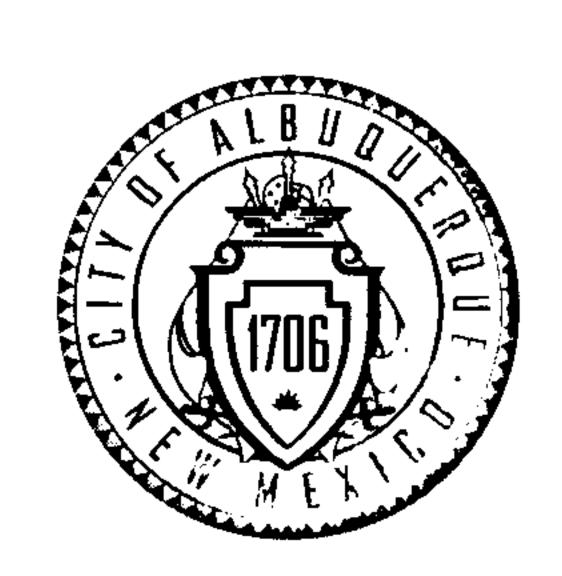
Thanks,
Jesse S. Dickson, PE
Construction Coordination
Construction Services Division
Department of Municipal Development

Office: (505) 924-3400 Fax: (505) 924-3408

PO Box 1293, 600 2nd Street NW Room 800, 8th Floor, Plaza del Sol

Albuquerque, NM 87103
Email: idickson@cabq.gov
www.cabq.gov/construction

CITY OF ALBUQUERQUE



May 31, 2012

George Nemeth, P.E. Smith Engineering Company 2201 San Pedro Drive NE—Bldg 4 Albuquerque, NE 87110

Re: North Domingo Baca Park, Phase 8, Grading and Drainage Plan Engineer's Stamp Dates 2/16/2012 & 1/10/12 (C19/D043B)

Dear Mr. Nemeth,

Based upon the information provided in your submittal received 5-22-12, the Grading and Drainage Plan is approved for Building Permit.

PO Box 1293

This project requires a National Pollutant Discharge Elimination System (NPDES) permit for storm water discharge for disturbing one acre or more and a Topsoil Disturbance Permit for disturbing ¾ of an acre or more. 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.

Albuquerque

Albuquerque's MS4 Permit became effective March 1st, 2012. Grading and Drainage Plans and Drainage Reports will have to comply with the requirements of the new permit (http://www.cabq.gov/planning/landcoord/Hydrology.html).

www.cabq.gov

NM 87103

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

Sincerely,

Shahab Biazar, P.E.

Senior Engineer, Planning Dept.

Development and Building Services

C: e-mail

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (Rev. 12/2005)

PROJECT TITLE: North Domingo Baca Park – Phase 8 DRB#: 05EPC-00183	ZONE MAP/DRG. FILE #
LEGAL DESCRIPTION: North Domingo Baca Park, Tract 1	
CITY ADDRESS: 8441 Wyoming Boulevard NE (irrigation)	on meter address)
ENGINEERING FIRM: Smith Engineering Company ADDRESS: 2201 San Pedro NE	CONTACT: George Nemeth PHONE: 884-0700
CITY, STATE: <u>Albuquerque, NM</u>	ZIP CODE: <u>87110</u>
OWNER: COA, Parks and Recreation Dept.	CONTACT: David Flores
ADDRESS: P.O. Box 1293	PHONE: 768-5379
CITY, STATE: <u>Albuquerque, NM</u>	ZIP CODE: <u>87103</u>
ARCHITECT: Consensus Planning, Inc.	CONTACT: Chris Green
ADDRESS: 302 Eighth Street	PHONE: 764-9801
CITY, STATE: <u>Albuquerque, NM</u>	ZIP CODE: <u>87102</u>
SURVEYOR:	CONTACT:
ADDRESS:	PHONE:
CITY, STATE:	ZIP CODE:
CONTRACTOR:ADDRESS:	CONTACT: PHONE:
CITY, STATE:	
	ECK TYPE OF APPROVAL SOUGHT:
DRAINAGE REPORT	SIA/FINANCIAL GUARANTEE RELEASE
DRAINAGE PLAN 1 ^{SI} SUBMITTAL DRAINAGE PLAN RESUBMITTAL	PRELIMINARY PLAT APPROVAL S. DEV. PLAN FOR SUB'D APPROVAL
CONCEPTUAL G & D PLAN	S. DEV. FERRY POR SUB D'AFFROVAL S. DEV. 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	BUILDING PERMIT APPROVAL
TRAFFIC CIRCULATION LAYOUT	CERTIFICATE OF OCCUPANCY (PERM)
ENGINEER'S/ARCHITECT'S CERT (TCL)ENGINEER'S CERT (DRB SITE PLAN)	CERTIFICATE OF OCCUPANCY (TEMP) GRADING PERMIT APPROVAL OF TEMP)
OTHER	PAVING PERMIT APPROVAL
	WORK ORDER APPROVAL
	OTHER (SPECIFY) MAY 2 2 2012
WAS A PRE-DESIGN CONFERENCE ATTENDED:	HYDROLOGY
YES YES	
X NO	<u>SECTION</u>
COPY PROVIDED (/)	
SUBMITTED BY:	DATE: 5-22-12-
George Nemeth, P.E.	DAID. <u>UUU</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 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.

Cherne, Curtis

From: Cherne, Curtis

Sent: Monday, June 11, 2012 10:57 AM

To: Flores, David M.Cc: Sims, Timothy E.

Subject: floodplain development permit for North Domingo Baca

David,

Good morning.

Hydrology should have a Floodplain Development Permit for the work in the floodplain at North Domingo Park. So I was thinking you could submit a floodplain development permit for the work that has been completed (dog park, skate park, etc.) as well as for the Ph 8 work that is proposed. I would appreciate it if you could submit one before the parking lots along Carmel are complete.

According to FEMA, all construction activity in a floodplain requires one of these permits.

We are approving the shade structures without the permit. Felt we held that up long enough.

Curtis

CITY OF ALBUQUERQUE PLANNING DEPARTMENT DEVELOPMENT SERVICE / HYDROLOGY SECTION

DATE:) - 9-17
CONFERENCE RECAP

ZONE ATLAS PAGE NO: <u>***</u> DE PRAINAGE FILE: <u>**** TOO NO 475</u> ZONING:
DRB: SUBJECT: Phase 9 North Donnego Baca
STREET ADDRESS (IF KNOWN):
APPROVAL REQUESTED: Grading an pains Fernit ATTENDANCE: George Newsth Curtis Cherne
FINDINGS: Submit a gradue out drainage plan for Aprival
Oranage Calculations not required 14 reference
Similarity to sproved Master Man.

THE UNDERSIGNED AGREES THAT THE ABOVE FINDINGS ARE SUMMARIZED ACCURATELY AND ARE SUBJECT TO CHANGE IF FURTHER INVESTIGATION REVEALS THAT THEY ARE NOT REASONABLE OR THAT THEY ARE BASED ON INACCURATE INFORMATION.

SIGNED: Curtis A. Cherne

SIGNED:
NAME (PRINT): George Neme /2

NOTE PLEASE PROVIDE A COPY OF THIS RECAP WITH YOUR DRAINAGE SUBMITTAL.

NDBP-PHASE 9 100-YR

RUN DATE (MON/DAY/YR) = 09/18/2013AHYMO PROGRAM SUMMARY TABLE (AHYMO_97) -- VERSION: 1997.02c INPUT FILE = C:\Users\georgen\Desktop\NDBP-P~1.TXT USER NO. = AHYMO-S-9702c01SEC01A-AHPAGE = 1FROM TO PEAK RUNOFF TIME TO CFS ID ID PEAK PER DISCHARGE VOLUME HYDROGRAPH AREA RUNOFF (CFS) (INCHES) (AC-FT) NO. NO. (SQ MI) (HOURS) NOTATION IDENTIFICATION ACRE COMMAND NORTH DOMINGO BACA PARK - PHASE 9 *S PROJECT: 112659 *S SEC PROJECT NO: *S CLIENT/OWNER: CITY OF ALBUQUERQUE - PARKS 100-YEAR 6-HOUR *S DESIGN STORM: *S CONDITIONS: PROPOSED DEVELOPED CONDITIONS SEPT 18, 2013 *S DATE CREATED: *S ASSUMPTIONS: *S *S *S *S *S BELOW IS THE RAINFALL FOR THE 100-YEAR, 6-HOUR STORM EVENT RAINFALL DATA USIN *S RAINFALL DATA FROM NOAA POINT PRECIP. ESTIMATES FROM NOAA ATLAS 14. .00 TIME= START NEW MEXICO LOCATION 2.410 RAIN6= RAINFALL TYPE= 1 *S *S THIS MODEL COMPUTES THE STORM WATER RUNOFF CONTRIBUTIONS WITHOUT ROUTING. *S *S *S *S

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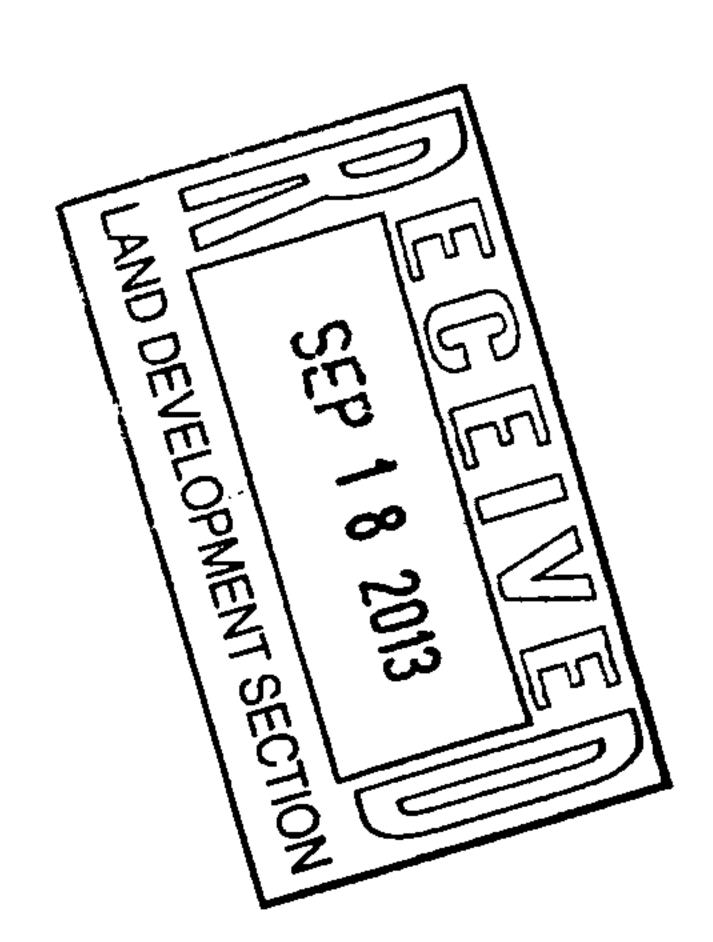
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1.54539

1.900

1.504 PER IMP = 57.00



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COMPUTE NM HYD

FINISH