

Parking lot @ NW corner was designed by Master Plan & is difficult to accommodate capture of ~~this~~ First Flush.

- In lieu of capturing lot flush for parking area, justify by fact that Phase I & II of existing building is captured by a cistern which is used for landscape irrigation.
- Phase III roof will also go to cistern.
- also justified by fact that this is not a direct connect to river.
- hardscape around bldg will go to a shallow landscaping pond w/ inlet grate raised high enough to capture first flush
- check vol. of cistern to see how much captured vs. first flush (does not have to capture all of it but as much as possible)

Pete (f)

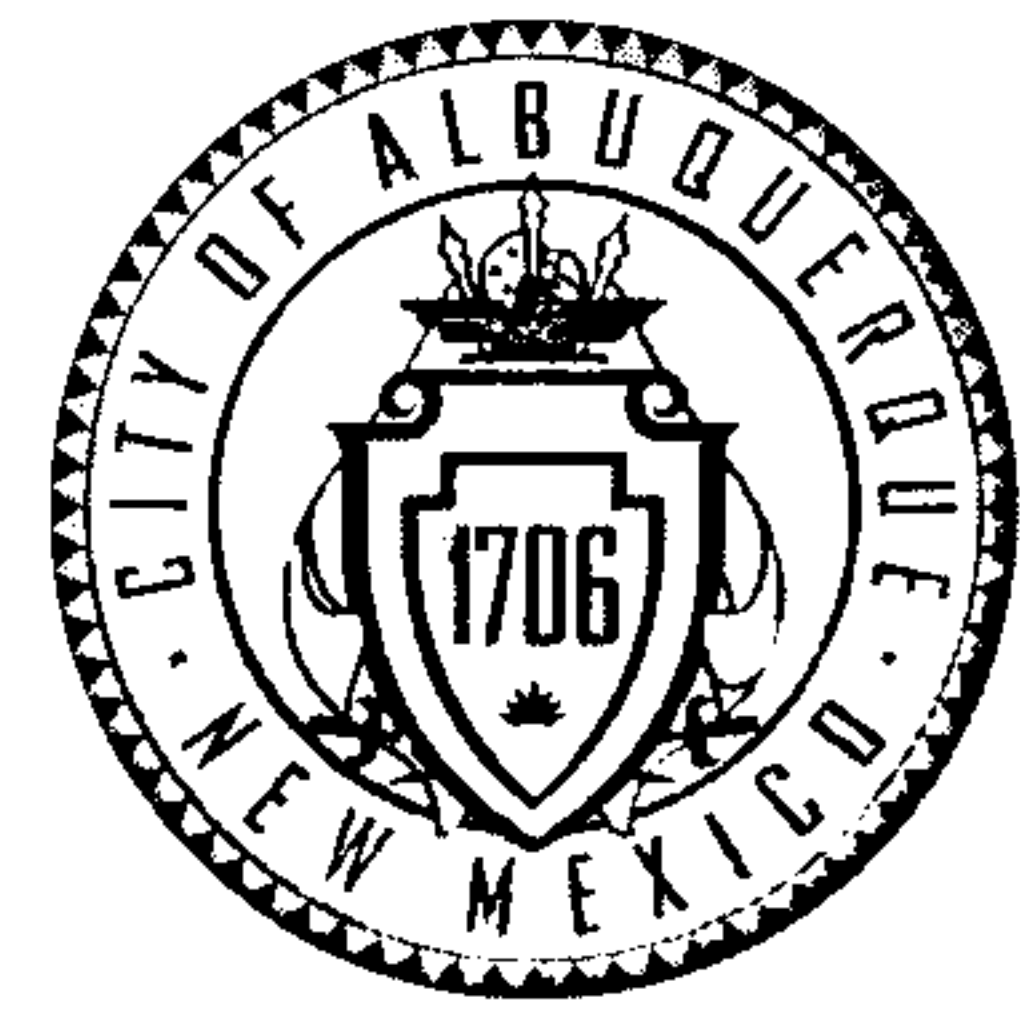
John Jacquez

Rael, Rudy E.

From: Rodriguez, Jason T.
Sent: Friday, March 22, 2013 8:24 AM
To: Rael, Rudy E.
Subject: North Domingo Baca Multigenerational Center

As for your request of are conversation yesterday I researched the project #713693 and found that Martin Pacheco had observed the penetration into the box and he did not take pictures of it but that they had reinforced it with rebar and that it is a PASS on the connection to the box. Jason Rodriguez C.O.A. storm maintenance

CITY OF ALBUQUERQUE



July 18, 2014

Mark Goodwin, P.E.
Mark Goodwin & Associates, PA
PO Box 90606
Albuquerque, New Mexico 87199

**RE: Coors & Central Retail
Grading and Drainage Plan
Engineers Stamp Date 7/14/14 (K10D25C)**

Dear Mr. Goodwin,

Based upon the information provided in your submittal received 7/14/14, this plan is approved for Grading Permit and Building Permit.

As you know, EPA is now requiring that all commercial projects are required to manage the first .44" of rain (first flush). This process should divert flows from parking lots and roof tops through a landscaped area, to reduce the particulates entering the Rio Grande River. In the future, we asking that Mark Goodwin & Associates are more aggressive in managing the first flush.

Please attach a copy of this approved plan to the construction sets in the permitting process prior to sign-off by Hydrology.

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

PO Box 1293

Albuquerque

New Mexico 87103

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

www.cabq.gov

Sincerely,

Curtis Cherne, P.E.
Principal Engineer, Hydrology
Planning Department

RR/CC
C: File

e-mail -
Saf
IS mail

1. X50576053 6:10 AM

2 350-6114 9:30 AM

Bill Hohel

912 914

CITY OF ALBUQUERQUE



March 22, 2013

George Nemeth, PE
Smith Engineering Co.
2201 San Pedro Bldg. 4 Suite 200
Albuquerque, NM 87110

Re: N. Domingo Baca Multigenerational Ctr. Ph 2, 7521 Carmel NE
Request for Permanent C.O. –Accepted
Engineer's Stamp dated: 07-26-11, (C19/D043A)
Certification dated: 3-19-13

Dear Mr. Nemeth,

Based upon the information provided in the Certification received 03-19-13, the above referenced Certification is acceptable for a release of a Permanent Certificate of Occupancy by Hydrology.

PO Box 1293

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

Albuquerque

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

NM 87103

Sincerely,

Curtis A. Cherne, P.E.
Principal Engineer—Hydrology Section
Development and Building Services

www.cabq.gov

RR/CC
C: CO Clerk—Katrina Sigala
e-mail

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(Rev. 12/2005)

PROJECT TITLE: North Domingo Baca Multigenerational Ctr.-Ph 2 ZONE MAP/DRG. FILE # C-19 43A
DRB#: 09 DRB-70090 EPC#: 08 EPC-40097 WORK ORDER#: _____

LEGAL DESCRIPTION: Tract A North Domingo Baca Park
CITY ADDRESS: 7521 Carmel Ave. NE

ENGINEERING FIRM: Smith Engineering Company
ADDRESS: 2201 San Pedro, Bldg. 4 Suite 200
CITY, STATE: Albuquerque, NM

CONTACT: George Nemeth, PE
PHONE: 884-0700
ZIP CODE: 87110

OWNER: City of Albuquerque, Dept. of Senior Affairs
ADDRESS: 714 7th Street SW
CITY, STATE: Albuquerque, NM

CONTACT: Jorja Armijo-Brasher
PHONE: 764-6431
ZIP CODE: 87102

ARCHITECT: Mahlman Studio Architecture
ADDRESS: 206 Broadway SE
CITY, STATE: Albuquerque, NM

CONTACT: David Mahlman
PHONE: 243-0101
ZIP CODE: 87102

SURVEYOR: Souder, Miller & Assoc.
ADDRESS: 3451 Candelaria Rd. NE Suite D
CITY, STATE: Albuquerque, NM

CONTACT: Kelly Melton, PLS
PHONE: 256-7364
ZIP CODE: 87107

CONTRACTOR: FAMCO, Inc.
ADDRESS: 300 Arvada Ave. NW
CITY, STATE: Albuquerque, NM

CONTACT: Rob Winebrenner
PHONE: 242-4011
ZIP CODE: 87102

TYPE OF SUBMITTAL:

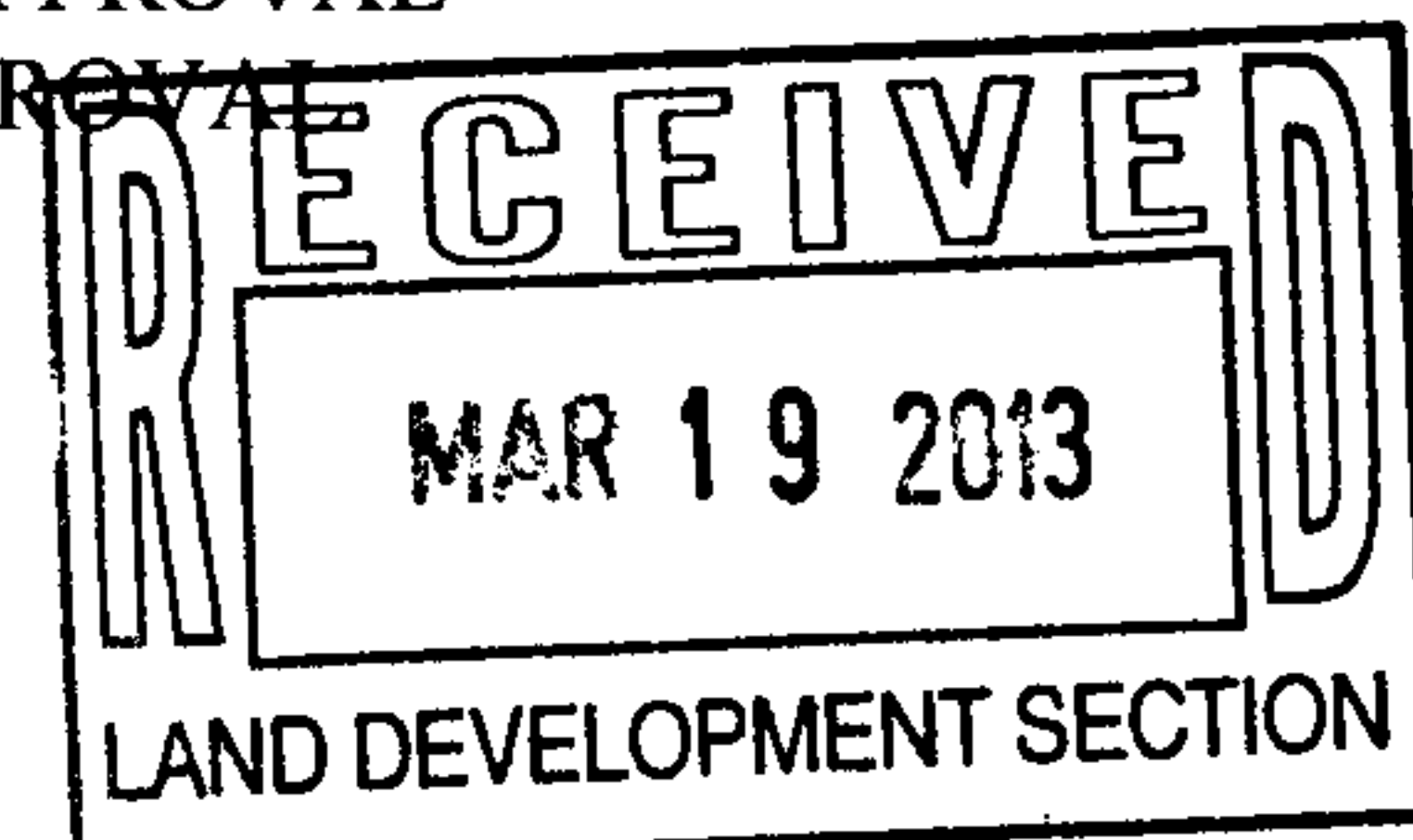
- ☐ DRAINAGE REPORT
- ☐ DRAINAGE PLAN 1st SUBMITTAL
- ☐ DRAINAGE PLAN RESUBMITTAL
- ☐ CONCEPTUAL G & D PLAN
- ☐ GRADING PLAN
- ☐ EROSION CONTROL PLAN
- ☐ ENGINEER'S CERT (HYDROLOGY)
- ☐ CLOMR/LOMR
- ☐ TRAFFIC CIRCULATION LAYOUT
- ☐ ENGINEER'S/ARCHITECT'S CERT (TCL)
- ☒ ENGINEER'S CERT (DRB SITE PLAN)
- ☐ OTHER

CHECK TYPE OF APPROVAL SOUGHT:

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

WAS A PRE-DESIGN CONFERENCE ATTENDED:

- ☐ YES
- ☐ NO
- ☐ COPY PROVIDED



SUBMITTED BY: George Nemeth, PE

GN

DATE: 3-19-13

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



August 1, 2011

George Nemeth, P.E.
Smith Engineering Company
2201 San Pedro NE
Albuquerque, NM 87110

**Re: North Domingo Baca Multigenerational Center Phase II
Grading and Drainage Plan
Engineer's Stamp date 7-26-11 (C19/D043A)**

Dear Mr. Nemeth,

Based upon the information provided in your submittal received 7-27-11, the above referenced plan is approved for Building Permit. Please attach a copy of this approved plan to the construction sets prior to sign-off by Hydrology. Prior to Certificate of Occupancy release, Engineer Certification per the DPM checklist will be required.

A separate permit (SO 19) is required for construction within City ROW. A copy of this approval letter must be on hand when applying for the excavation/barricading permit. To obtain a temporary or permanent CO the connection to the box culvert must be inspected and accepted. Please contact Martin Pacheco, 235-8016, to schedule an inspection.

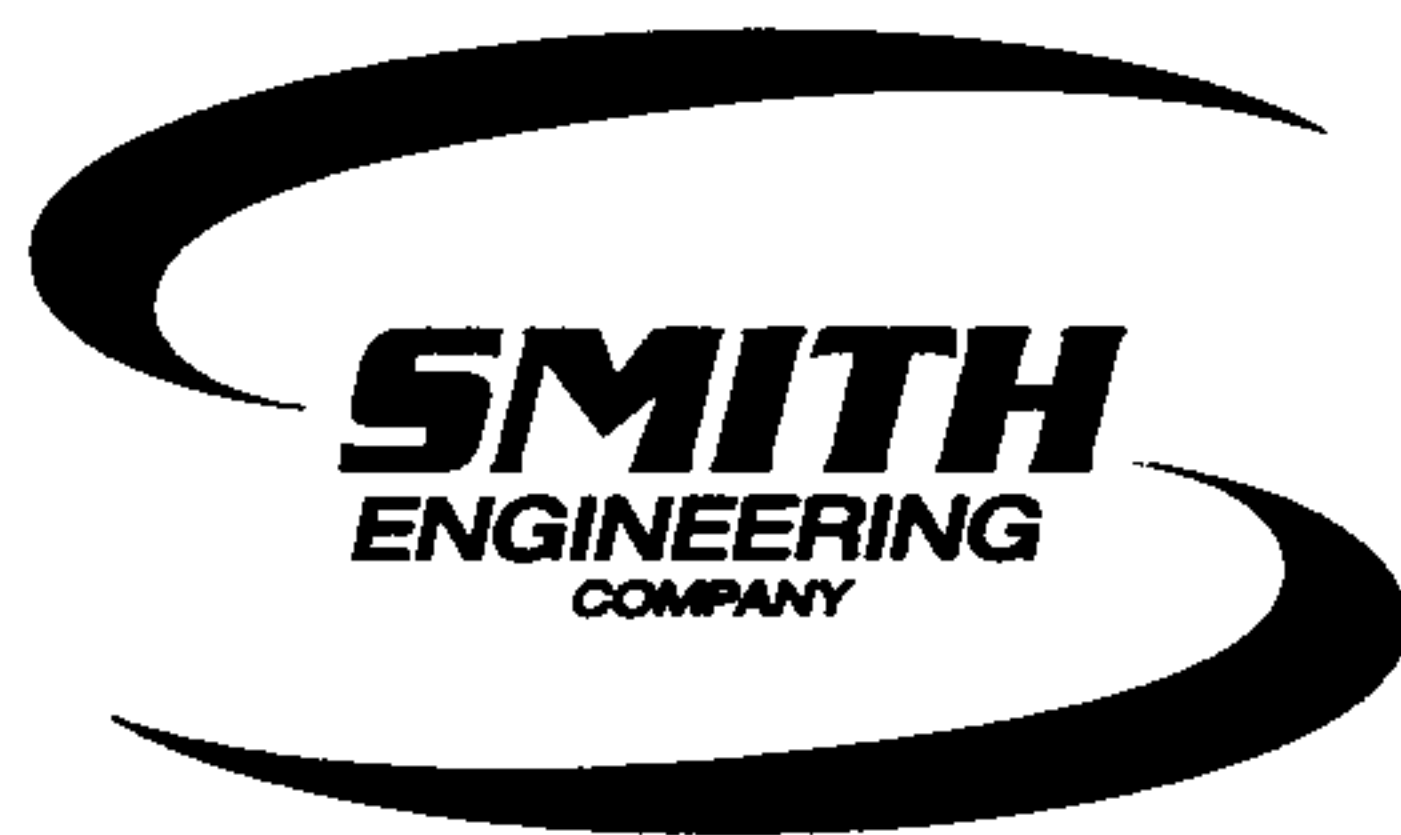
Hydrology is requesting that proposed landscape areas be depressed to retain/infiltrate the rain that falls on them.

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

Sincerely,

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

Copy: Martin Pacheco, Street/Storm Drain Maintenance
file



Solutions for Today...

Vision for Tomorrow

July 27, 2011

Mr. Curtis A. Cherne, P.E.
Principal Engineer, Planning Dept.
Development and Building Services
City of Albuquerque
Albuquerque, New Mexico

Re: North Domingo Baca Multigenerational Center, Phase II
Grading & Drainage Plan, Engineer's seal date 5-10-11 (C19/D043A)
SEC# 108611

Dear Curtis:

Thank you for the review comments included in your letter, dated July 18, 2011, related to the above referenced project. I have added the SO-19 notes, provided to me by Rudy Rael (COA), to the Grading and Drainage Plan. The revised plan includes an Engineer's seal dated 7-26-11.

Once the project is bid and a construction contract is awarded, the successful contractor will complete the work, have it inspected/accepted and request the final permanent CO.

The landscaped parking lot islands have been slightly depressed to detain and infiltrate some storm water. The aisles between parking rows where trees are planted are pervious and will also infiltrate some storm water.

I am submitting two copies of the revised plan and a drainage information sheet for your review and approval.

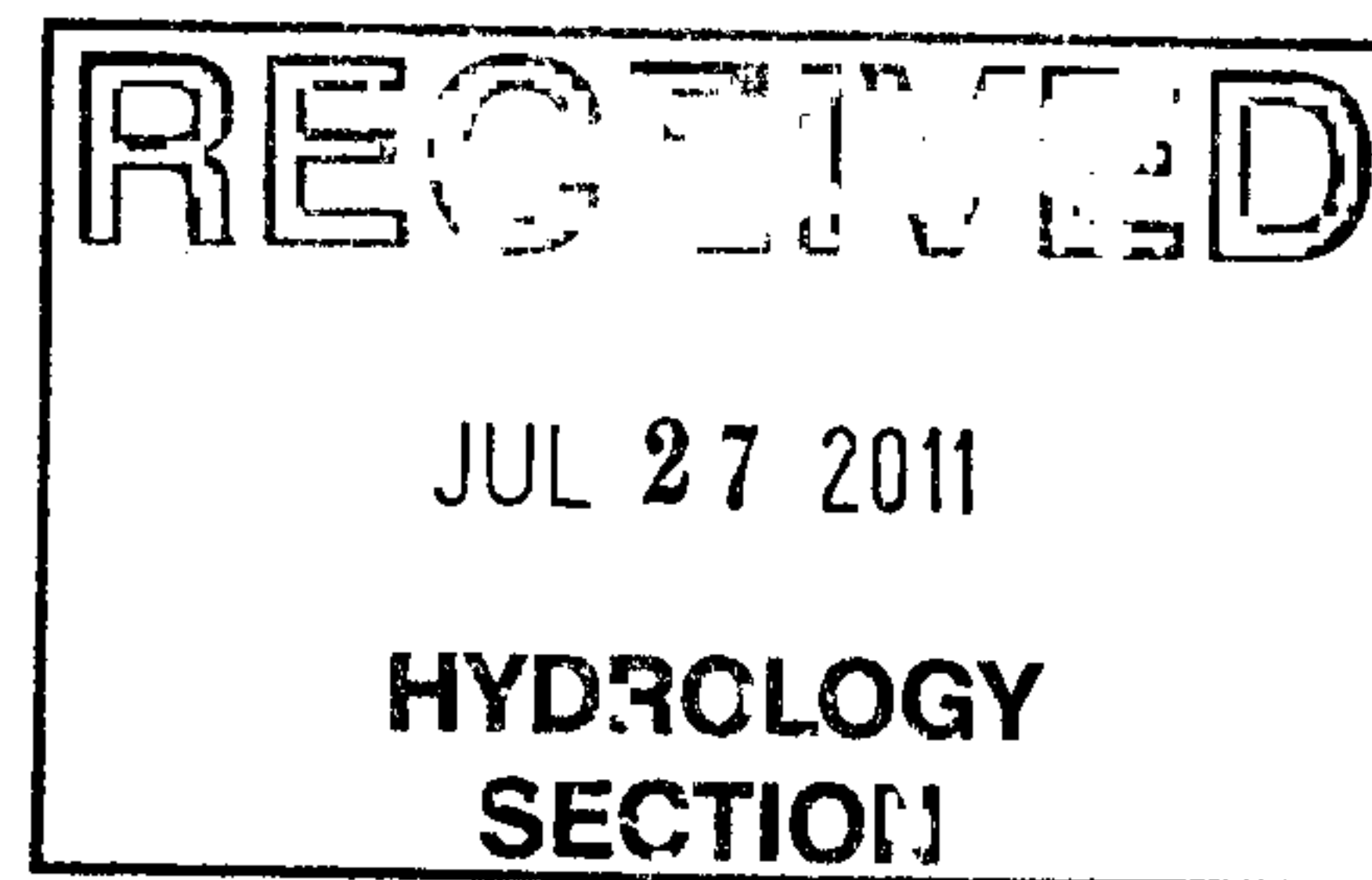
Sincerely,

Smith Engineering Company

A handwritten signature in black ink, appearing to read "G. Nemeth", written over a horizontal line.

George Nemeth, P.E.
Vice President / Project Manager

Copy: David Mahlman



2201 San Pedro Drive, NE
Tel: 505.884.0700

Building 4, Suite 200
georgen@smithengineering.pro

Albuquerque, NM 87110
Fax: 505.884.2376

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 01/06 - KDM)

PROJECT TITLE: North Domingo Baca Multigenerational Ctr. - Phase 2 ZONE MAP: C-19/D043A
DRB#: _____ EPC#: _____ WORK ORDER#: D043A

LEGAL DESCRIPTION: _____

CITY ADDRESS: 7521 Carmel Ave. NE

ENGINEERING FIRM: Smith Engineering Company
ADDRESS: 2201 San Pedro NE
CITY, STATE: Albuquerque, NM

CONTACT: George Nemeth, P.E.
PHONE: 884-0700
ZIP CODE: 87110

OWNER: COA, Dept. of Senior Affairs
ADDRESS: _____
CITY, STATE: _____

CONTACT: _____
PHONE: _____
ZIP CODE: _____

ARCHITECT: Mahlman Studio Architecture
ADDRESS: 206 Broadway SE
CITY, STATE: Albuquerque, NM

CONTACT: David Mahlman
PHONE: 243-0101
ZIP CODE: 87102

SURVEYING FIRM: Surveying Control, Inc.
ADDRESS: 131 Madison NE
CITY, STATE: Albuquerque, NM

LICENSED SURVEYOR: Steve Toler
PHONE: 266-0935
ZIP CODE: 87108

PROFESSIONAL LICENSED SURVEYOR SIGNATURE

LICENSE NO.

DATE

CONTRACTOR: _____

ADDRESS: _____

CITY, STATE: _____

CONTACT: _____

PHONE: _____

ZIP CODE: _____

TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT
- ☐ DRAINAGE PLAN 1st 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 (50-19)
- ☐ CERTIFICATE OF OCCUPANCY
- ☐ GRADING PERMIT APPROVAL
- ☐ PAVING PERMIT APPROVAL
- ☐ WORK ORDER APPROVAL
- ☐ OTHER (SPECIFY) _____

WAS A PRE-DESIGN CONFERENCE ATTENDED:

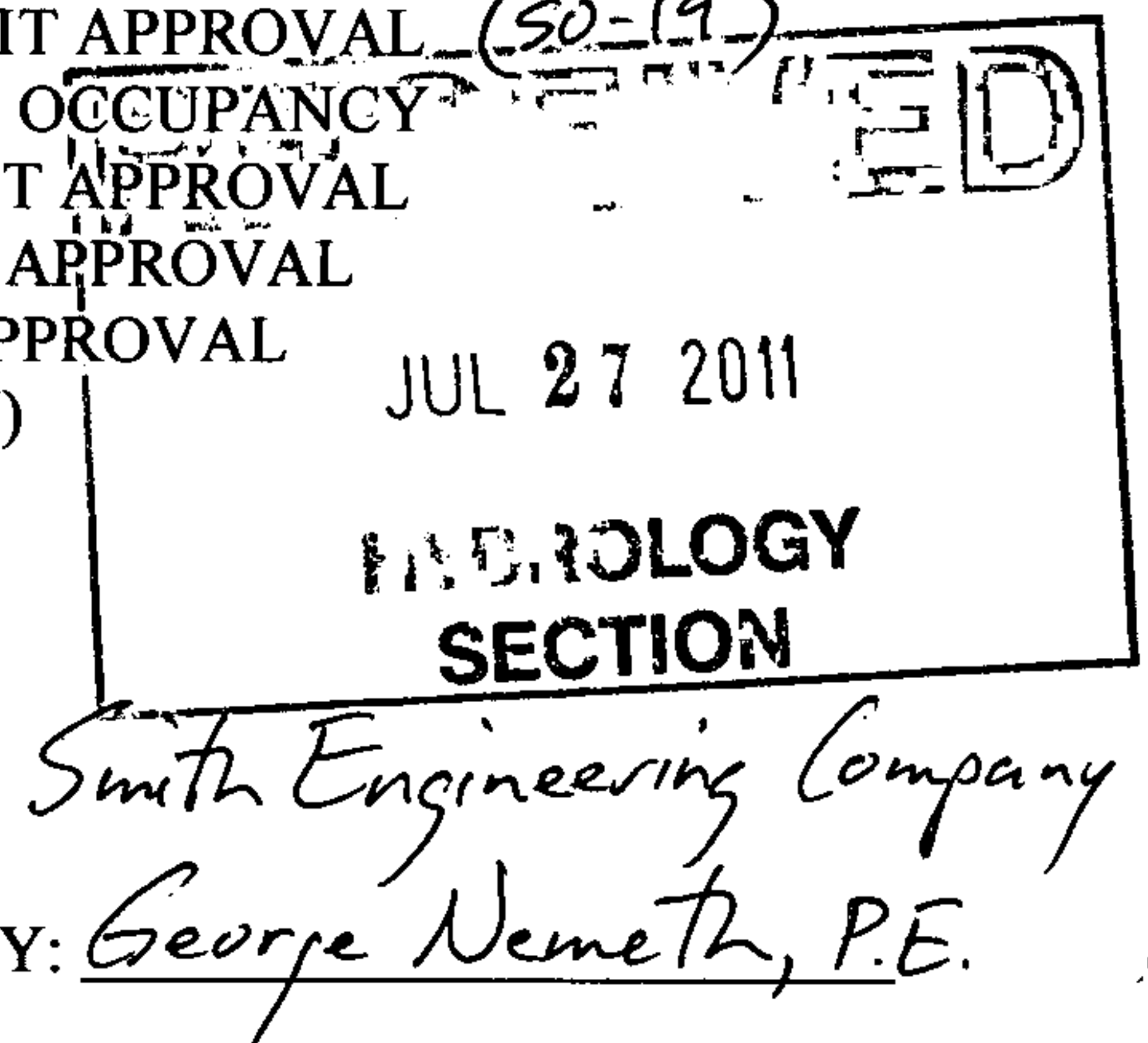
- ☒ YES
- ☐ NO
- ☐ COPY PROVIDED

DATE SUBMITTED: 7-27-11

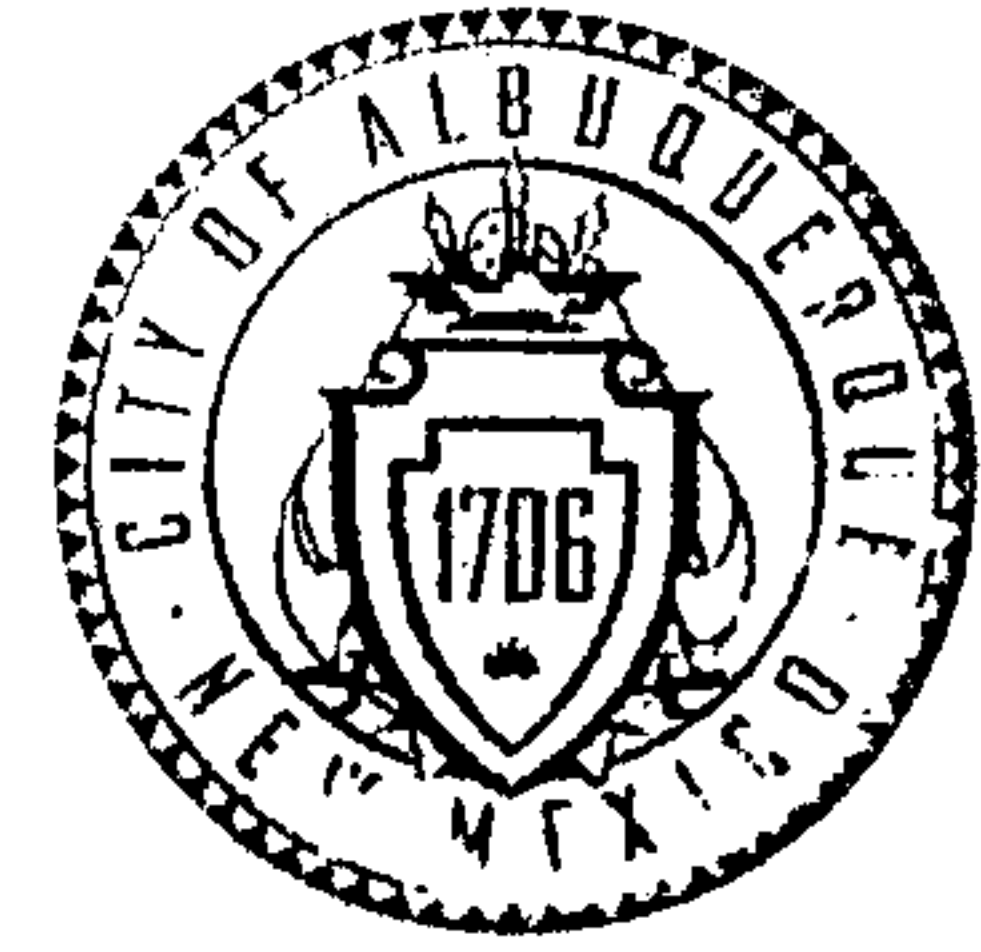
BY: George Nemeth, P.E.

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
Transportation Development Services Section**

January 30, 2013

David S. Mahlman, Registered Architect.
Mahlman Studio Architecture
206 Broadway Blvd. SE
Albuquerque, NM 87102

Re: Certification Submittal for a Permanent Building Certificate of Occupancy (C.O.)
North Domingo Baca Multi Generational Center PHASE 2, [C-19 / D043A]
7521 Carmel NE
Engineer's Stamp Dated 01/24/11

Dear Mr. Mahlman:

Based upon the information provided in your submittal received 01-28-13, Transportation Development has no objection to the issuance of a Permanent Certificate of Occupancy. This letter serves as a "green tag" from Transportation Development for a Permanent Certificate of Occupancy to be issued by the Building and Safety Division.

If you have any questions, please contact me at (505)924-3630.

Sincerely,

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

c: Engineer
Hydrology file
CO Clerk

PO Box 1293

Albuquerque

NM 87103

www.cabq.gov

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2012)

(phase 2)

PROJECT TITLE: North Domingo Baca Multigenerational Center

ZONE MAP: C-19

D043A

DRB#: 09DRB-70090

EPC#: 08 EPC-40097

WORK ORDER#:

LEGAL DESCRIPTION: Tract A, North Domingo Baca Park

CITY ADDRESS: 7521 Carmel NE

ENGINEERING FIRM: Smith Engineering

ADDRESS: 2201 San Pedro Dr NE

CITY, STATE: Albuquerque, NM

CONTACT: George Nemeth

PHONE: 884-0700

ZIP CODE: 87110

EMAIL: georgen@smithengineering.pro

OWNER: City of Albuquerque - Department of Senior Affairs

ADDRESS: 714 7th Street Southwest

CITY, STATE: Albuquerque, NM

CONTACT: Jorja Armijo-Brasher

PHONE: 764-6431

ZIP CODE: 87102

ARCHITECT: Mahlman Studio Architecture

ADDRESS: 206 Broadway SE

CITY, STATE: Albuquerque, NM

CONTACT: David Mahlman

PHONE: 243-0101

ZIP CODE: 87102

EMAIL: dmahlman@mahlmanstudio.com

SURVEYOR: Souder Miller & Assoc.

ADDRESS: 3451 Candalaria NE

CITY, STATE: Albuquerque, NM

CONTACT: Kelly Melton

PHONE: 256-7364

ZIP CODE: 87107

CONTRACTOR: FAMCO

ADDRESS: 300 Arvada Ave NW

CITY, STATE: Albuquerque, NM

CONTACT: Rob Winebrenner

PHONE: 242-4011

ZIP CODE: 87102

TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT
☐ DRAINAGE PLAN 1st 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) SO-

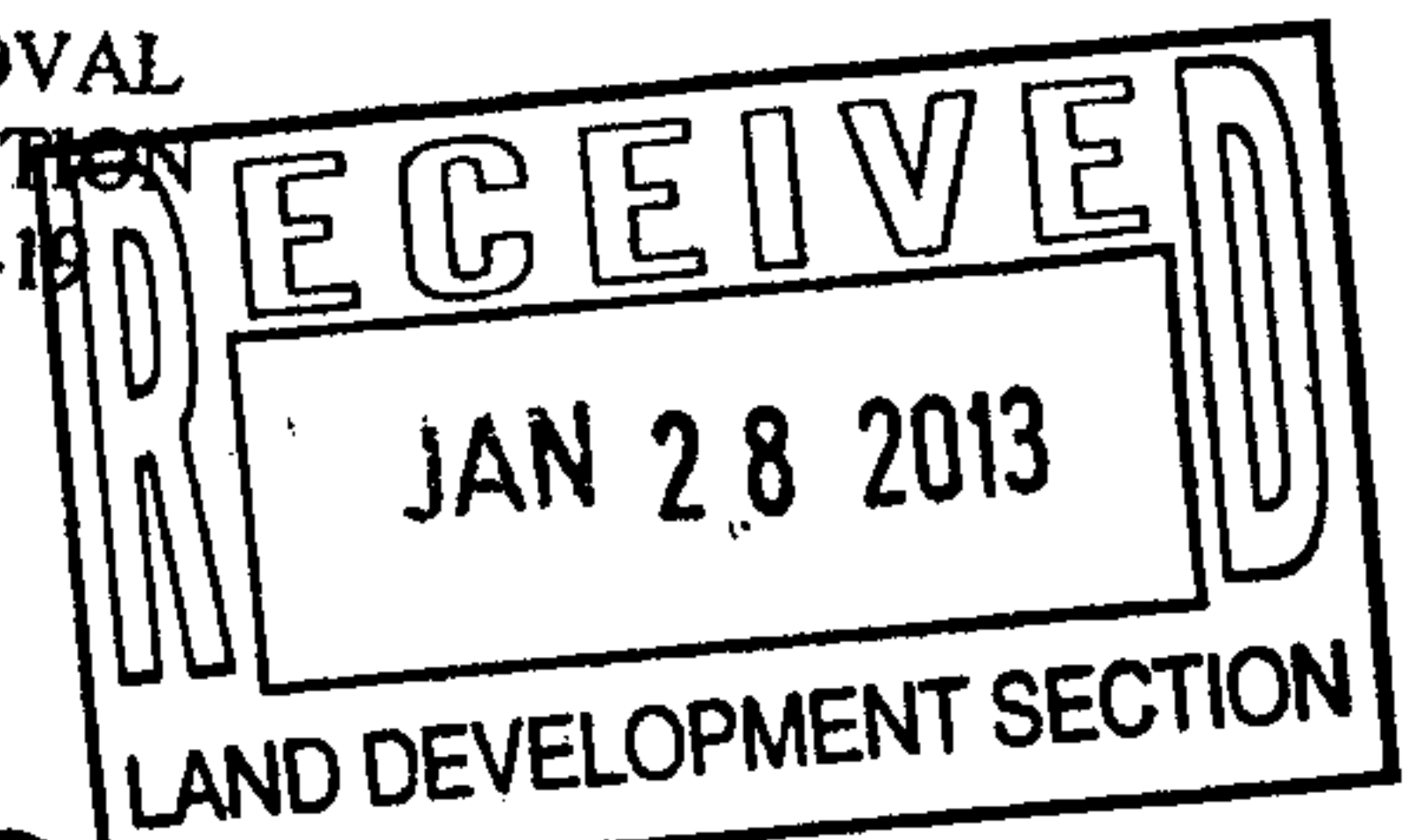
WAS A PRE-DESIGN CONFERENCE ATTENDED:

☐ YES☐ NO☐ COPY PROVIDED

DATE SUBMITTED: 28 January 2013

BY:

David Mahlman



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:

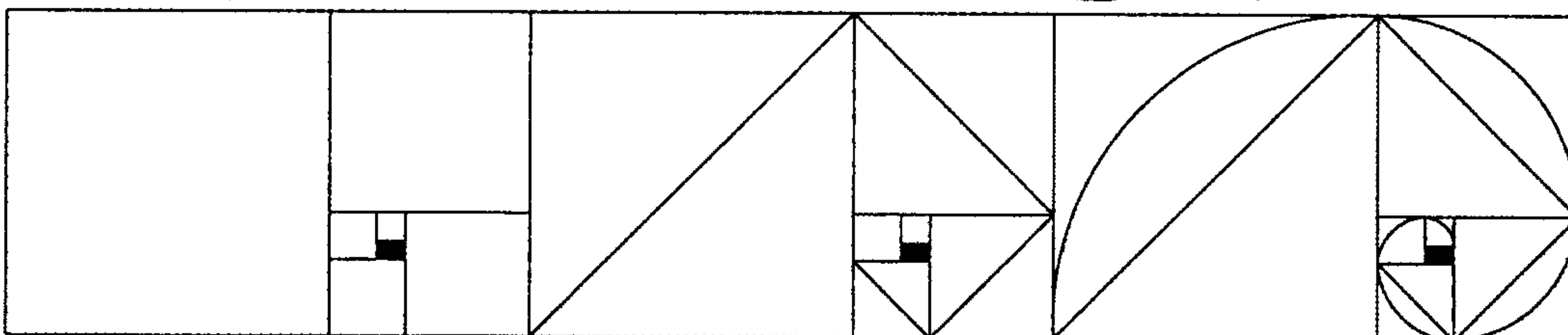
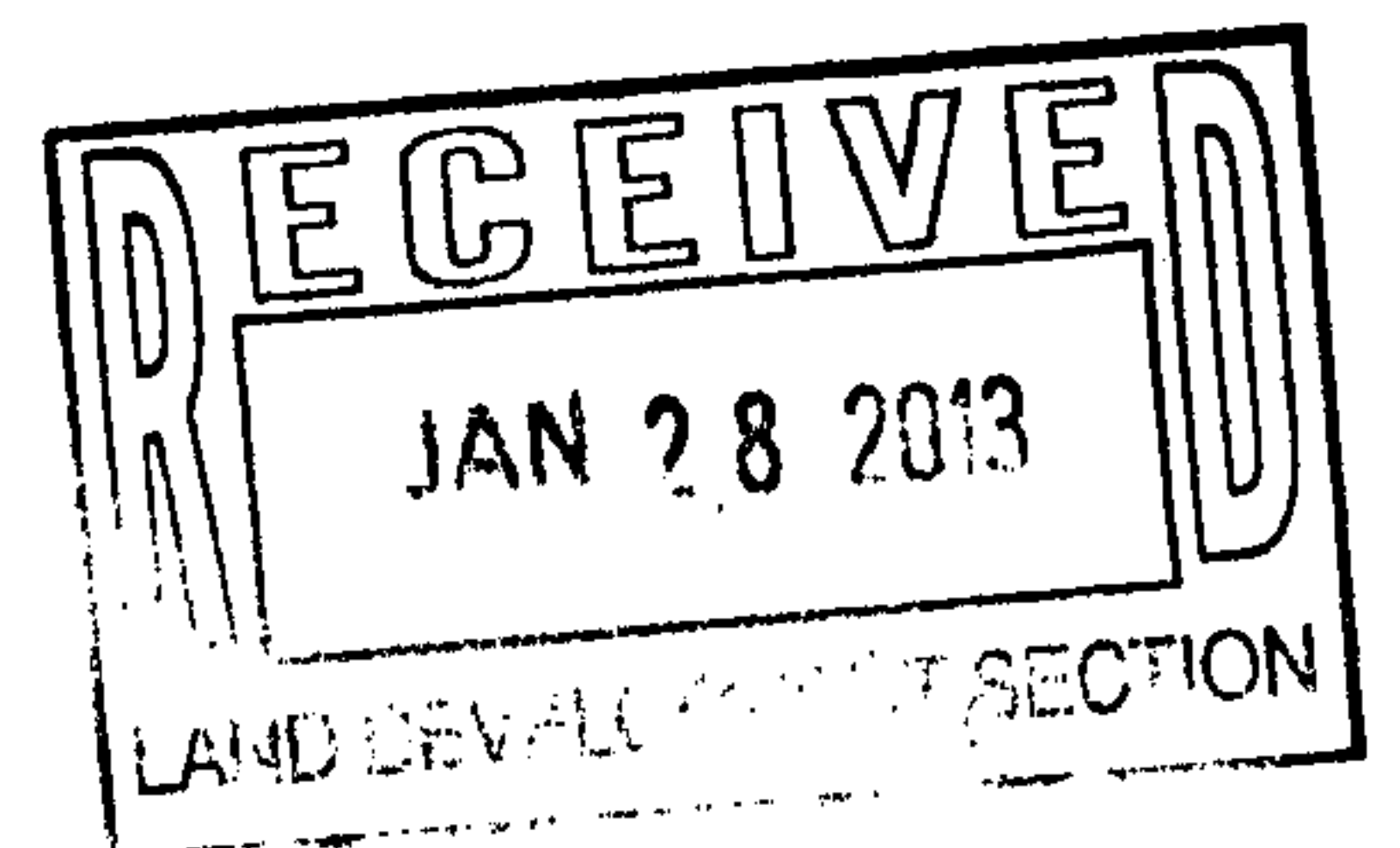
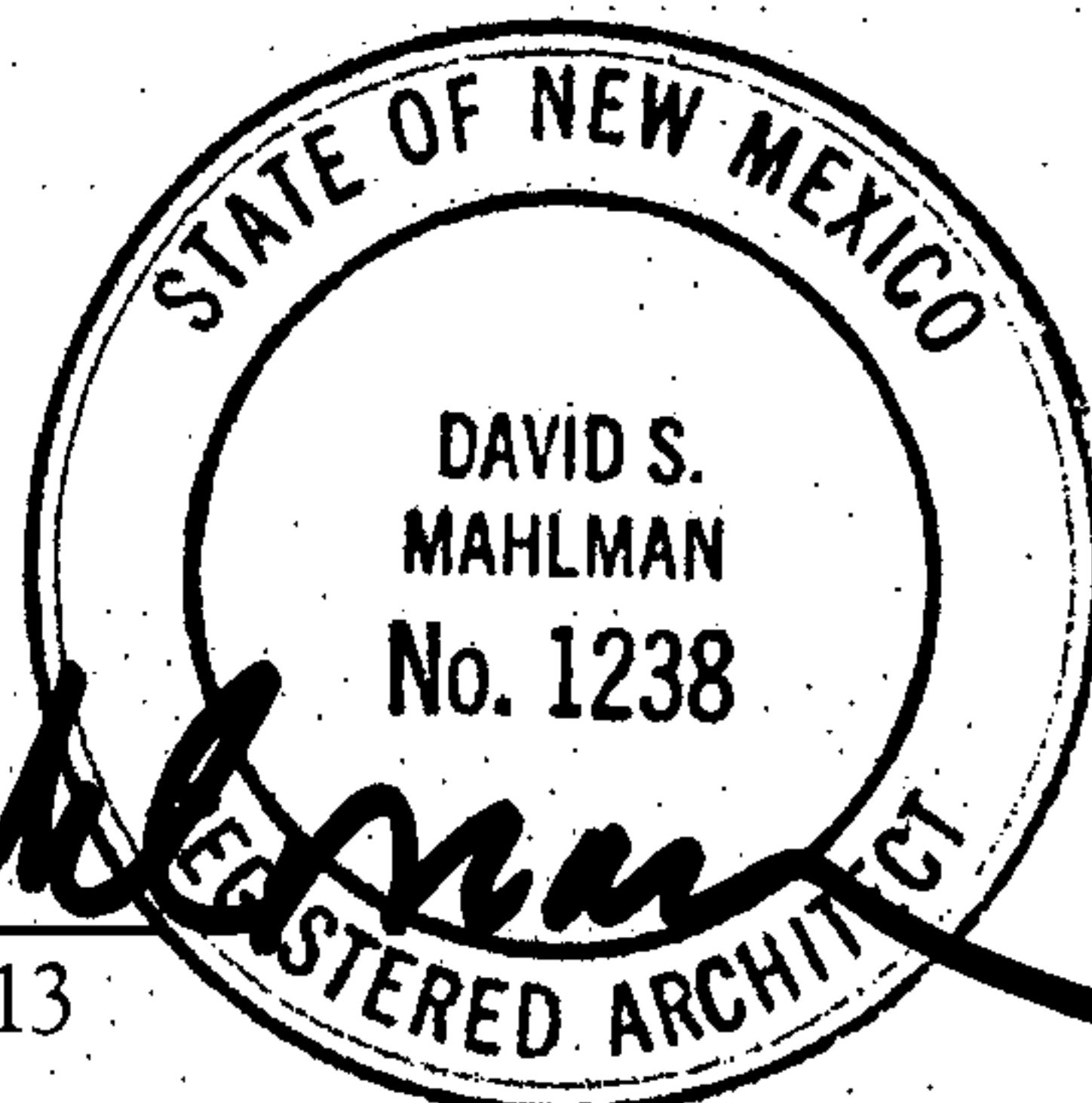
1. **Conceptual Grading and Drainage Plan:** Required for approval of Site Development Plans greater than five (5) acres and Sector Plans.
2. **Drainage Plans:** Required for building permits, grading permits, paving permits and site plans less than five (5) acres.
3. **Drainage Report:** Required for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

TRAFFIC CERTIFICATION

I, DAVID MAHLMAN, OF THE FIRM MAHLMAN STUDIO ARCHITECTURE, HEREBY CERTIFY THAT THIS PROJECT IS IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED APRIL 17, 2009. RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED THE FIRM MAHLMAN STUDIO ARCHITECTURE. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON JANUARY 24, 2013 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.

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.

DAVID MAHLMAN 24 JANUARY 2013





Smith Engineering Company

A Full-Service Engineering Company

NORTH DOMINGO BACA MULTIGENERATIONAL CENTER DRAINAGE PLAN

PHASE 1 AND PHASE 2 DEVELOPMENT

[Handwritten Signature]

3-19-09

APPROVED
MAR 20 2009
HYDROLOGY
SECTION

TABLE 1

1/12/2009

**North Domingo Baca Multigenerational Center
HYDROLOGY**

**AHYMO BASIN PARAMETER WORKSHEET
FOR PEAK BASIN FLOWS AND VOLUMES**

EXISTING CONDITIONS

															100 YEAR	
BASIN	AREA			LENGTH (ft.)	ELEV. DIFF. (ft.)	SLOPE (%)	K	VEL (fps)	T(c) (hr.)	T(p) (hr.)	LAND TREATMENT				PEAK FLOW (24hr.) (cfs)	RUNOFF VOLUME (24hr.) (ac.ft.)
	(sq. ft.)	(acres)	(sq.mi.)								(%)					
											A	B	C	D		
E(PH1)	250,776	5.76	0.008995	400	12.0	3.00	0.7	1.21	0.09	0.06						
				110	7.0	6.36	2.0	5.05	0.01	0.00						
			SUBTOTAL =	510					0.10	0.07	0	100	0	0	21.9	0.441
E(PH1&2)	314,416	7.22	0.011278	400	12.0	3.00	0.7	1.21	0.09	0.06						
				255	12.0	4.71	2.0	4.34	0.02	0.01						
			SUBTOTAL =	655					0.11	0.07	0	100	0	0	27.5	0.554

NOTE: Basin areas taken from basin map. T(p) taken from basin map using subbasin reach lengths < 4000 feet methodology from DPM.

TABLE 2

**North Domingo Baca Multigenerational Center
HYDROLOGY**

**AHYMO BASIN PARAMETER WORKSHEET
FOR PEAK BASIN FLOWS AND VOLUMES**

PROPOSED CONDITIONS

															100 YEAR	
BASIN	AREA			LENGTH (ft.)	ELEV. DIFF. (ft.)	SLOPE (%)	K	VEL (fps)	T(c) (hr.)	T(p) (hr.)	LAND TREATMENT				PEAK FLOW (24hr.) (cfs)	RUNOFF VOLUME (24hr.) (ac.ft.)
	(sq. ft.)	(acres)	(sq.mi.)								($\%$)					
											A	B	C	D		
A-1	33,711	0.77	0.001209	394	10.5	2.65	1.0	1.63	0.07	0.04						
			SUBTOTAL =	394					0.07	0.04	0	0	10	90	5.0	0.174
A-2	62,102	1.43	0.002228	400	12.3	3.08	1.0	1.75	0.06	0.04						
				104	2.7	2.56	2.0	3.20	0.01	0.01						
			SUBTOTAL =	504					0.07	0.05	0	0	70	30	7.7	0.209
A-3	22,040	0.51	0.000791	369	9.7	2.62	1.0	1.62	0.06	0.04						
			SUBTOTAL =	369					0.06	0.04	0	0	14	86	3.2	0.101
B-1	31,227	0.72	0.001120	314	3.8	1.22	1.0	1.10	0.08	0.05						
			SUBTOTAL =	314					0.08	0.05	0	0	19	81	4.3	0.147
B-2	24,105	0.55	0.000865	268	4.2	1.56	1.0	1.25	0.06	0.04						
			SUBTOTAL =	268					0.06	0.04	0	0	0	100	3.7	0.132
B-3	18,807	0.43	0.000675	246	4.2	1.70	1.0	1.31	0.05	0.03						
			SUBTOTAL =	246					0.05	0.03	0	0	7	93	2.9	0.099
B-4	26,388	0.61	0.000947	315	3.4	1.06	1.0	1.03	0.08	0.06						
			SUBTOTAL =	315					0.08	0.06	0	0	3	97	3.6	0.142
C-1	32,706	0.75	0.001173	181	2.8	1.55	1.0	1.24	0.04	0.03						
			SUBTOTAL =	181					0.04	0.03	0	0	33	67	4.7	0.145
C-2	37,865	0.87	0.001358	173	5.7	3.32	1.0	1.82	0.03	0.02						
			SUBTOTAL =	173					0.03	0.02	0	0	46	54	5.4	0.155
P-1	25,244	0.58	0.000906	153	4.0	2.61	1.0	1.62	0.03	0.02						
			SUBTOTAL =	153					0.03	0.02	0	0	9	91	3.8	0.131

NOTE: Basin areas taken from basin map. T(p) taken from basin map using
subbasin reach lengths < 4000 feet methodology from DPM.

Q:\SEC---PROJECTS\2008 Projects\108611 North Domingo Baca Muti-Generational Center, Ph1\Drainage\Hydrology\Pond Volume Calc.xls

Worksheet for A1 pipe

Project Description

Friction Method Manning Formula
Solve For Normal Depth

Input Data

Roughness Coefficient 0.013
Channel Slope 1.60 %
Diameter 24 in
Discharge 5.04 cfs

Results

Normal Depth 0.57 ft
Flow Area 0.74 ft²
Wetted Perimeter 2.25 ft
Top Width 1.80 ft
Critical Depth 0.79 ft
Percent Full 28.4 %
Critical Slope 0.00455 ft/ft
Velocity 6.86 ft/s
Velocity Head 0.73 ft
Specific Energy 1.30 ft
Froude Number 1.89
Maximum Discharge 30.78 ft³/s
Discharge Full 28.61 ft³/s
Slope Full 0.00050 ft/ft
Flow Type SuperCritical

GVF Input Data

Downstream Depth 0.00 ft
Length 0.00 ft
Number Of Steps 0

GVF Output Data

Upstream Depth 0.00 ft
Profile Description
Profile Headloss 0.00 ft
Average End Depth Over Rise 0.00 %
Normal Depth Over Rise 28.42 %
Downstream Velocity Infinity ft/s
Upstream Velocity Infinity ft/s

Worksheet for A1 pipe

GVF Output Data

Normal Depth	0.57	ft
Critical Depth	0.79	ft
Channel Slope	1.60	%
Critical Slope	0.00455	ft/ft

Worksheet for A2 pipe

Project Description

Friction Method Manning Formula
Solve For Normal Depth

Input Data

Roughness Coefficient 0.013
Channel Slope 1.60 %
Diameter 24 in
Discharge 12.70 cfs

Results

Normal Depth 0.93 ft
Flow Area 1.44 ft²
Wetted Perimeter 3.01 ft
Top Width 2.00 ft
Critical Depth 1.28 ft
Percent Full 46.7 %
Critical Slope 0.00574 ft/ft
Velocity 8.84 ft/s
Velocity Head 1.21 ft
Specific Energy 2.15 ft
Froude Number 1.84
Maximum Discharge 30.78 ft³/s
Discharge Full 28.61 ft³/s
Slope Full 0.00315 ft/ft
Flow Type SuperCritical

GVF Input Data

Downstream Depth 0.00 ft
Length 0.00 ft
Number Of Steps 0

GVF Output Data

Upstream Depth 0.00 ft
Profile Description
Profile Headloss 0.00 ft
Average End Depth Over Rise 0.00 %
Normal Depth Over Rise 46.65 %
Downstream Velocity Infinity ft/s
Upstream Velocity Infinity ft/s

Worksheet for A2 pipe

GVF Output Data

Normal Depth	0.93	ft
Critical Depth	1.28	ft
Channel Slope	1.60	%
Critical Slope	0.00574	ft/ft

Worksheet for A3 pipe

Project Description

Friction Method Manning Formula
Solve For Normal Depth

Input Data

Roughness Coefficient 0.013
Channel Slope 1.60 %
Diameter 24 in
Discharge 15.87 cfs

Results

Normal Depth 1.06 ft
Flow Area 1.70 ft²
Wetted Perimeter 3.27 ft
Top Width 2.00 ft
Critical Depth 1.44 ft
Percent Full 53.2 %
Critical Slope 0.00657 ft/ft
Velocity 9.34 ft/s
Velocity Head 1.36 ft
Specific Energy 2.42 ft
Froude Number 1.79
Maximum Discharge 30.78 ft³/s
Discharge Full 28.61 ft³/s
Slope Full 0.00492 ft/ft
Flow Type SuperCritical

GVF Input Data

Downstream Depth 0.00 ft
Length 0.00 ft
Number Of Steps 0

GVF Output Data

Upstream Depth 0.00 ft
Profile Description
Profile Headloss 0.00 ft
Average End Depth Over Rise 0.00 %
Normal Depth Over Rise 53.19 %
Downstream Velocity Infinity ft/s
Upstream Velocity Infinity ft/s

Worksheet for A3 pipe

GVF Output Data

Normal Depth	1.06	ft
Critical Depth	1.44	ft
Channel Slope	1.60	%
Critical Slope	0.00657	ft/ft

Worksheet for B1 pipe

Project Description

Friction Method Manning Formula
Solve For Normal Depth

Input Data

Roughness Coefficient 0.013
Channel Slope 0.60 %
Diameter 24 in
Discharge 14.44 cfs

Results

Normal Depth 1.38 ft
Flow Area 2.32 ft²
Wetted Perimeter 3.93 ft
Top Width 1.85 ft
Critical Depth 1.37 ft
Percent Full 69.2 %
Critical Slope 0.00617 ft/ft
Velocity 6.23 ft/s
Velocity Head 0.60 ft
Specific Energy 1.99 ft
Froude Number 0.98
Maximum Discharge 18.85 ft³/s
Discharge Full 17.52 ft³/s
Slope Full 0.00407 ft/ft
Flow Type SubCritical

GVF Input Data

Downstream Depth 0.00 ft
Length 0.00 ft
Number Of Steps 0

GVF Output Data

Upstream Depth , 0.00 ft
Profile Description
Profile Headloss 0.00 ft
Average End Depth Over Rise 0.00 %
Normal Depth Over Rise 69.16 %
Downstream Velocity Infinity ft/s
Upstream Velocity Infinity ft/s

Worksheet for B1 pipe

GVF Output Data

Normal Depth	1.38	ft
Critical Depth	1.37	ft
Channel Slope	0.60	%
Critical Slope	0.00617	ft/ft

Worksheet for B2 pipe

Project Description

Friction Method Manning Formula
Solve For Normal Depth

Input Data

Roughness Coefficient 0.013
Channel Slope 0.60 %
Diameter 30 in
Discharge 18.12 cfs

Results

Normal Depth 1.35 ft
Flow Area 2.71 ft²
Wetted Perimeter 4.13 ft
Top Width 2.49 ft
Critical Depth 1.44 ft
Percent Full 54.1 %
Critical Slope 0.00489 ft/ft
Velocity 6.68 ft/s
Velocity Head 0.69 ft
Specific Energy 2.05 ft
Froude Number 1.13
Maximum Discharge 34.18 ft³/s
Discharge Full 31.77 ft³/s
Slope Full 0.00195 ft/ft
Flow Type SuperCritical

GVF Input Data

Downstream Depth 0.00 ft
Length 0.00 ft
Number Of Steps 0

GVF Output Data

Upstream Depth 0.00 ft
Profile Description
Profile Headloss 0.00 ft
Average End Depth Over Rise 0.00 %
Normal Depth Over Rise 54.10 %
Downstream Velocity Infinity ft/s
Upstream Velocity Infinity ft/s

Worksheet for B2 pipe

GVF Output Data

Normal Depth	1.35	ft
Critical Depth	1.44	ft
Channel Slope	0.60	%
Critical Slope	0.00489	ft/ft

Worksheet for B3 pipe

Project Description

Friction Method Manning Formula
Solve For Normal Depth

Input Data

Roughness Coefficient 0.013
Channel Slope 0.60 %
Diameter 30 in
Discharge 20.99 cfs

Results

Normal Depth 1.48 ft
Flow Area 3.04 ft²
Wetted Perimeter 4.40 ft
Top Width 2.46 ft
Critical Depth 1.56 ft
Percent Full 59.4 %
Critical Slope 0.00519 ft/ft
Velocity 6.91 ft/s
Velocity Head 0.74 ft
Specific Energy 2.23 ft
Froude Number 1.10
Maximum Discharge 34.18 ft³/s
Discharge Full 31.77 ft³/s
Slope Full 0.00262 ft/ft
Flow Type SuperCritical

GVF Input Data

Downstream Depth 0.00 ft
Length 0.00 ft
Number Of Steps 0

GVF Output Data

Upstream Depth 0.00 ft
Profile Description
Profile Headloss 0.00 ft
Average End Depth Over Rise 0.00 %
Normal Depth Over Rise 59.36 %
Downstream Velocity Infinity ft/s
Upstream Velocity Infinity ft/s

Worksheet for B3 pipe

GVF Output Data

Normal Depth	1.48	ft
Critical Depth	1.56	ft
Channel Slope	0.60	%
Critical Slope	0.00519	ft/ft

Worksheet for B4 pipe

Project Description

Friction Method Manning Formula
Solve For Normal Depth

Input Data

Roughness Coefficient 0.013
Channel Slope 0.60 %
Diameter 30 in
Discharge 24.56 cfs

Results

Normal Depth 1.65 ft
Flow Area 3.44 ft²
Wetted Perimeter 4.74 ft
Top Width 2.37 ft
Critical Depth 1.69 ft
Percent Full 66.0 %
Critical Slope 0.00563 ft/ft
Velocity 7.14 ft/s
Velocity Head 0.79 ft
Specific Energy 2.44 ft
Froude Number 1.05
Maximum Discharge 34.18 ft³/s
Discharge Full 31.77 ft³/s
Slope Full 0.00359 ft/ft
Flow Type SuperCritical

GVF Input Data

Downstream Depth 0.00 ft
Length 0.00 ft
Number Of Steps 0

GVF Output Data

Upstream Depth 0.00 ft
Profile Description
Profile Headloss 0.00 ft
Average End Depth Over Rise 0.00 %
Normal Depth Over Rise 66.02 %
Downstream Velocity Infinity ft/s
Upstream Velocity Infinity ft/s

Worksheet for B4 pipe

GVF Output Data

Normal Depth	1.65	ft
Critical Depth	1.69	ft
Channel Slope	0.60	%
Critical Slope	0.00563	ft/ft

Worksheet for C1 pipe

Project Description

Friction Method Manning Formula
Solve For Normal Depth

Input Data

Roughness Coefficient 0.013
Channel Slope 3.83 %
Diameter 18 in
Discharge 4.74 cfs

Results

Normal Depth 0.49 ft
Flow Area 0.50 ft²
Wetted Perimeter 1.82 ft
Top Width 1.41 ft
Critical Depth 0.84 ft
Percent Full 32.7 %
Critical Slope 0.00567 ft/ft
Velocity 9.46 ft/s
Velocity Head 1.39 ft
Specific Energy 1.88 ft
Froude Number 2.79
Maximum Discharge 22.11 ft³/s
Discharge Full 20.56 ft³/s
Slope Full 0.00204 ft/ft
Flow Type SuperCritical

GVF Input Data

Downstream Depth 0.00 ft
Length 0.00 ft
Number Of Steps 0

GVF Output Data

Upstream Depth 0.00 ft
Profile Description
Profile Headloss 0.00 ft
Average End Depth Over Rise 0.00 %
Normal Depth Over Rise 32.65 %
Downstream Velocity Infinity ft/s
Upstream Velocity Infinity ft/s

Worksheet for C1 pipe

GVF Output Data

Normal Depth	0.49	ft
Critical Depth	0.84	ft
Channel Slope	3.83	%
Critical Slope	0.00567	ft/ft

Worksheet for C2 pipe

Project Description

Friction Method Manning Formula
Solve For Normal Depth

Input Data

Roughness Coefficient 0.013
Channel Slope 0.60 %
Diameter 24 in
Discharge 10.14 cfs

Results

Normal Depth 1.09 ft
Flow Area 1.75 ft²
Wetted Perimeter 3.33 ft
Top Width 1.99 ft
Critical Depth 1.14 ft
Percent Full 54.6 %
Critical Slope 0.00522 ft/ft
Velocity 5.78 ft/s
Velocity Head 0.52 ft
Specific Energy 1.61 ft
Froude Number 1.09
Maximum Discharge 18.85 ft³/s
Discharge Full 17.52 ft³/s
Slope Full 0.00201 ft/ft
Flow Type SuperCritical

GVF Input Data

Downstream Depth 0.00 ft
Length 0.00 ft
Number Of Steps 0

GVF Output Data

Upstream Depth 0.00 ft
Profile Description
Profile Headloss 0.00 ft
Average End Depth Over Rise 0.00 %
Normal Depth Over Rise 54.59 %
Downstream Velocity Infinity ft/s
Upstream Velocity Infinity ft/s

Worksheet for C2 pipe

GVF Output Data

Normal Depth	1.09	ft
Critical Depth	1.14	ft
Channel Slope	0.60	%
Critical Slope	0.00522	ft/ft

Worksheet for Ph 1 exit pipe

Project Description

Friction Method Manning Formula
Solve For Normal Depth

Input Data

Roughness Coefficient 0.013
Channel Slope 1.00 %
Diameter 24 in
Discharge 10.10 cfs

Results

Normal Depth 0.94 ft
Flow Area 1.44 ft²
Wetted Perimeter 3.01 ft
Top Width 2.00 ft
Critical Depth 1.14 ft
Percent Full 46.8 %
Critical Slope 0.00522 ft/ft
Velocity 7.00 ft/s
Velocity Head 0.76 ft
Specific Energy 1.70 ft
Froude Number 1.45
Maximum Discharge 24.33 ft³/s
Discharge Full 22.62 ft³/s
Slope Full 0.00199 ft/ft
Flow Type SuperCritical

GVF Input Data

Downstream Depth 0.00 ft
Length 0.00 ft
Number Of Steps 0

GVF Output Data

Upstream Depth 0.00 ft
Profile Description
Profile Headloss 0.00 ft
Average End Depth Over Rise 0.00 %
Normal Depth Over Rise 46.81 %
Downstream Velocity Infinity ft/s
Upstream Velocity Infinity ft/s

Worksheet for Ph 1 exit pipe

GVF Output Data

Normal Depth	0.94	ft
Critical Depth	1.14	ft
Channel Slope	1.00	%
Critical Slope	0.00522	ft/ft

Worksheet for Trapezoidal Channel - 1

Project Description

Friction Method Manning Formula
Solve For Normal Depth

Input Data

Roughness Coefficient	0.020	
Channel Slope	0.79	%
Left Side Slope	4.00	ft/ft (H:V)
Right Side Slope	4.00	ft/ft (H:V)
Bottom Width	6.00	ft
Discharge	10.10	cfs

Results

Normal Depth	0.41	ft
Flow Area	3.16	ft ²
Wetted Perimeter	9.41	ft
Top Width	9.31	ft
Critical Depth	0.40	ft
Critical Slope	0.00852	ft/ft
Velocity	3.19	ft/s
Velocity Head	0.16	ft
Specific Energy	0.57	ft
Froude Number	0.97	
Flow Type	Subcritical	

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	0.41	ft
Critical Depth	0.40	ft
Channel Slope	0.00790	ft/ft
Critical Slope	0.00852	ft/ft

Cross Section for Trapezoidal Channel - 1

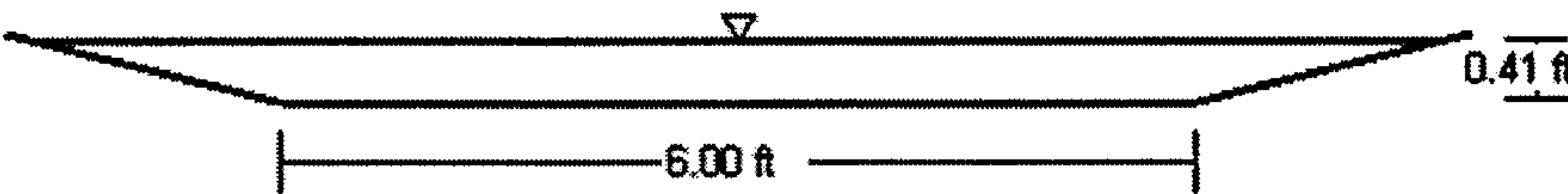
Project Description

Friction Method Manning Formula
Solve For Normal Depth

Input Data

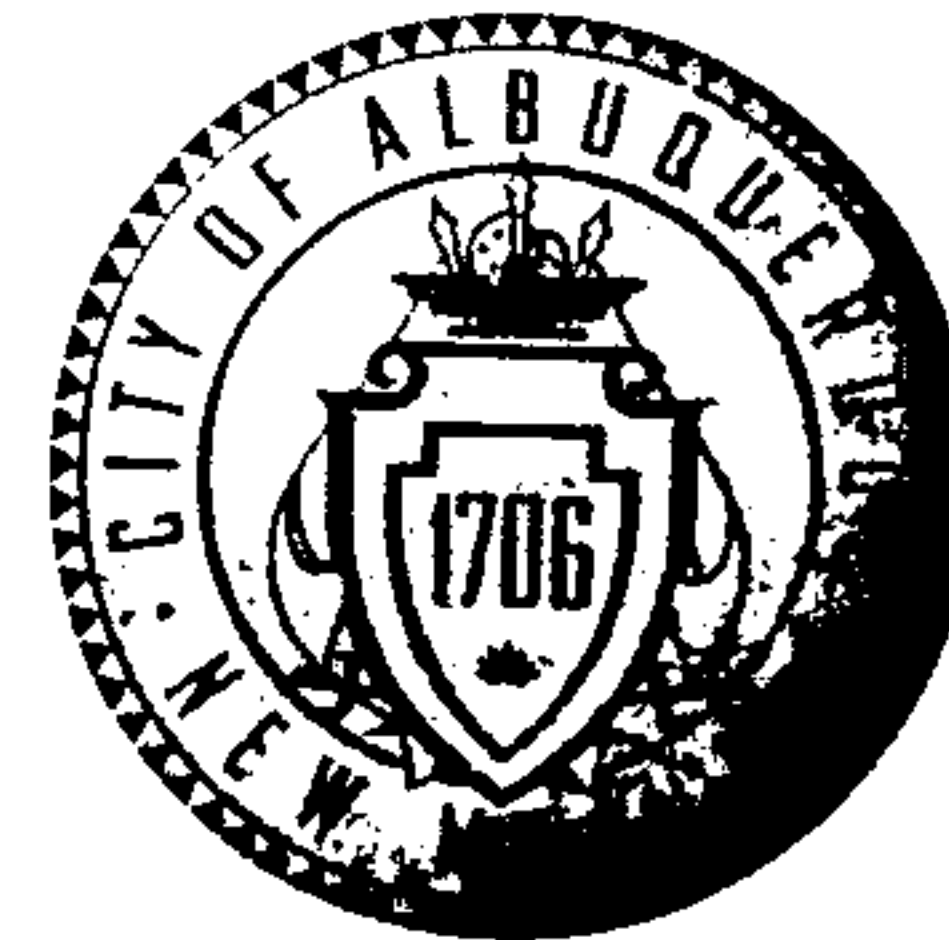
Roughness Coefficient	0.020
Channel Slope	0.79 %
Normal Depth	0.41 ft
Left Side Slope	4.00 ft/ft (H:V)
Right Side Slope	4.00 ft/ft (H:V)
Bottom Width	6.00 ft
Discharge	10.10 cfs

Cross Section Image



V: 1
H: 4

CITY OF ALBUQUERQUE



August 6, 2009

George Nemeth, P.E.
Smith Engineering Company
2201 San Pedro NE
Albuquerque, NM 87110

**Re: North Domingo Baca Multigenerational Center Phase 1 and 2 Development
Site Grading and Drainage Plan
Engineer's Stamp date 8-3-10 (C19/D043A)**

Dear Mr. Nemeth,

Based upon the information provided in your submittal received 8-3-10, the above referenced plan cannot be approved for Building Permit until the following comments are addressed:

PO Box 1293

Albuquerque

NM 87103

www.cabq.gov

- It would be preferable to submit a plan similar to Sheet 8 stamp date 8-29-09 rather than the sheet that was submitted that is similar to Sheet 9 stamp date 8-29-09.
- Provide proposed grades southwest of the building.
- Provide TW/FG grades for the retaining wall east of the building.
- Provide a swale from the temp storm drain outlet to a downhill location so that the runoff will not drain into Carmel Ave. The location was identified at our site visit 8-4-10 and is beyond the large stockpile approximately 350 feet from the pipe outlet. Since a large area was graded west of the limits of this Grading Plan, grades are not required, just show the swale with the approximate downhill location.

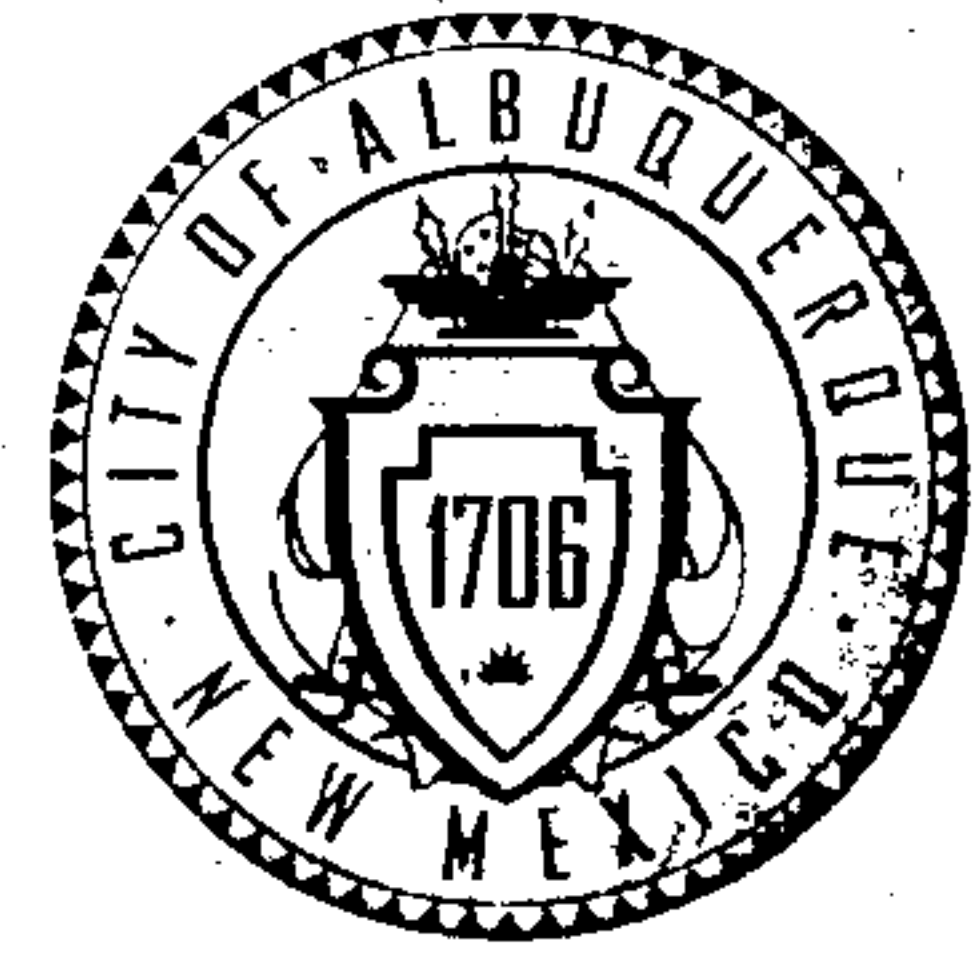
If you have any questions, you can contact me at 924-3695.

Sincerely,

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

Copy: file

CITY OF ALBUQUERQUE



April 1, 2011

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

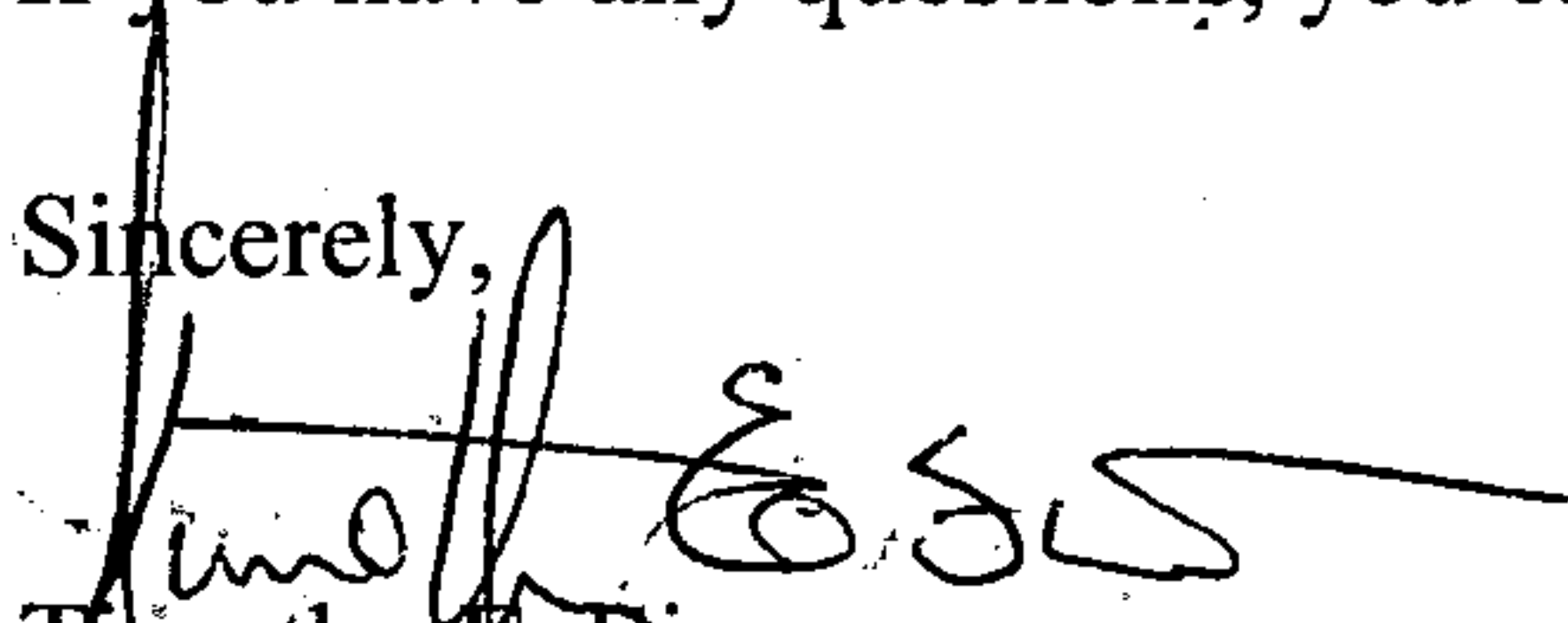
Re: North Domingo Baca Multigenerational Center, 7521 Carmel Ave NE,
Request for Permanent C.O. - Approved
Engineer's Stamp dated: 8-11-10 (H-11/D067)
Certification dated: 3-30-11

Dear Mr. Nemeth,

Based upon the information provided in the Certification received 3-30-11, the above referenced Certification is approved for a release of a Permanent Certificate of Occupancy by Hydrology.

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

Sincerely,


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

PO Box 1293

Albuquerque

NM 87103

www.cabq.gov

C: CO Clerk—Katrina Sigala
File

CITY OF ALBUQUERQUE



August 31, 2009

George Nemeth, P.E.
Smith Engineering Company
2201 San Pedro NE
Albuquerque, NM 87110

**Re: North Domingo Baca Multigenerational Center Phase 1 and Phase 2 Grading
and Drainage Plan and Phase 1 Grading and Drainage Plan
Engineer's Stamp date 8-28-09 (C19/D043A)**

Dear Mr. Nemeth,

Based upon the information provided in your submittal received 8-31-09, the above referenced drainage plan is approved and the Phase 1 Grading Plan is approved for Building Permit. You are required to submit another grading plan for constructing Phase 2.

Please attach a copy of this approved plan to the construction sets prior to sign-off by Hydrology.

This is the plan to certify for release of Certificate of Occupancy.

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

Sincerely,

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

Copy: file

CITY OF ALBUQUERQUE



August 16, 2010

George Nemeth, P.E.
Smith Engineering Company
2201 San Pedro NE
Albuquerque, NM 87110

**Re: North Domingo Baca Multigenerational Center Phase 1 Finish Grading and
Phase 2 Rough Grading - Site Grading Plan
Engineer's Stamp date 8-11-10 (C19/D043A)**

Dear Mr. Nemeth,

Based upon the information provided in your submittal received 8-11-10, the above referenced plan is approved for Building Permit and Work Order. Please attach a copy of this approved plan to the construction sets prior to sign-off by Hydrology.

PO Box 1293

This is the plan to certify for release of Certificate of Occupancy.

Albuquerque

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

NM 87103

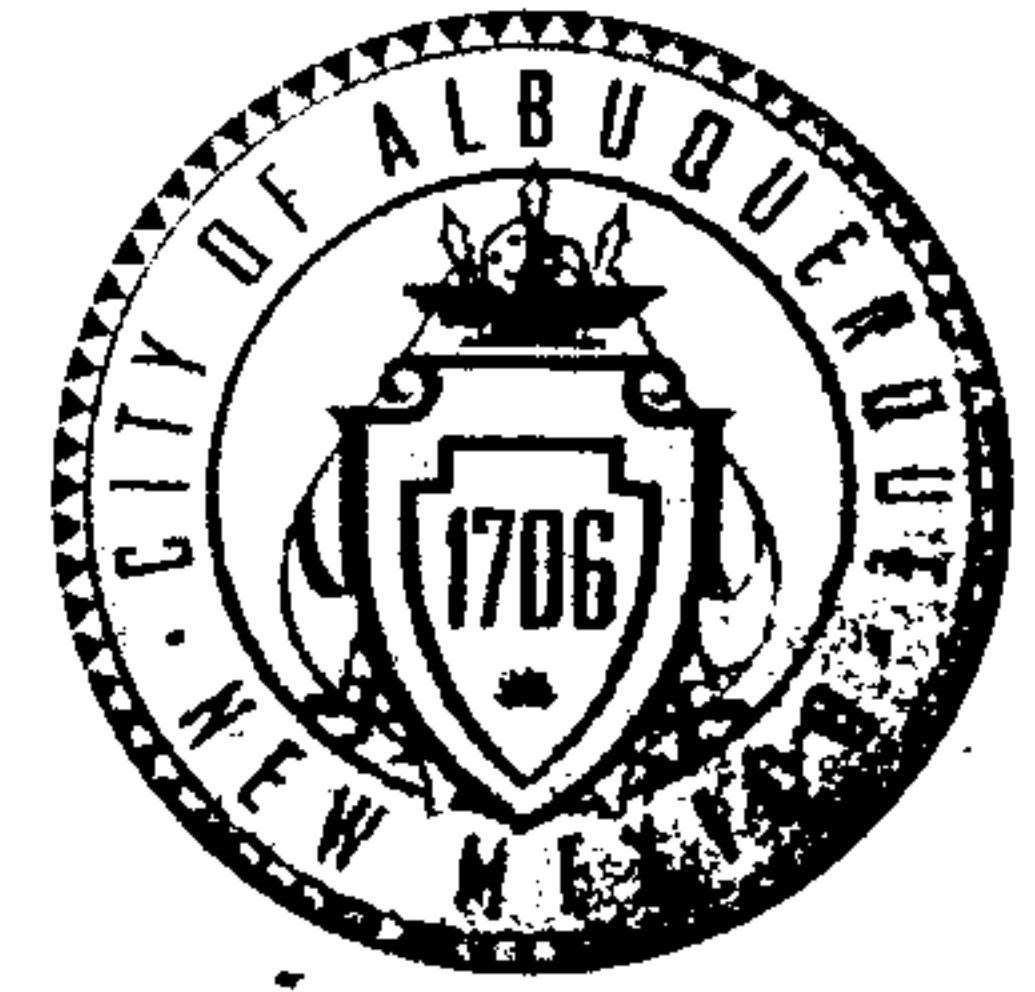
Sincerely,

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

www.cabq.gov

Copy: file

CITY OF ALBUQUERQUE



April 2, 2009

George Nemeth, P.E.
Smith Engineering Company
2201 San Pedro NE
Albuquerque, NM 87110

*Call David Mowbray
when get date from
George*

**Re: North Domingo Baca Multigenerational Center Phase 1 and Phase 2
Drainage Plan and Phase 1 Grading Plan
Engineer's Stamp dated 3-19-09 (C19/D043A)**

Dear Mr. Nemeth,

Based upon the information provided in your submittal received 3-20-09, the above referenced drainage plan is approved and the Phase 1 Grading Plan is approved for Building Permit. You are required to submit another grading plan for constructing Phase 2.

PO Box 1293

Please attach a copy of this approved plan to the construction sets prior to sign-off by Hydrology.

Albuquerque

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

NM 87103

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

www.cabq.gov

Sincerely,

Curtis A. Cherne

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

Copy: file

August 3, 2010

Gilbert Aldaz, P.E.
Applied Engineering, Inc.
1605 Blair Dr NE
Albuquerque, NM 87112

Re: Silver Gardens Apts Ph 2 Grading and Drainage Plan
Engineer's Stamp dated 7-29-09 (K14/D099)

Dear Mr. Aldaz,

Based upon the information provided in your submittal received 7-30-10, the above referenced plan is approved for Building Permit

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

Sincerely,

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

C: file
Brad Bingham

check bottom of SD to top of wk to
inside 18"

Site visit w/ George Nemes

8-4-10

talk to Brad/Jeremy to allow ^{Temp} SD across
w/ easement

1. Show grade Slew at bldg
2. provide TH/BW
3. Grade Swale from SD outlet
past high pt to the NW ~ 400 ft
4. check property ownership and call them

inlet, SD
and Ryp
already built

CITY OF ALBUQUERQUE



**Planning Department
Transportation Development Services Section**

MARCH 17
~~February 2~~, 2011

David S. Mahlman, Registered Architect.
Mahlman Studio Architecture
206 Broadway Blvd. SE
Albuquerque, NM 87102

Re: Certification Submittal for a Permanent Building Certificate of Occupancy (C.O.)
for North Domingo Baca Multi Generational Center, [C-19 / D043A]
7521 Carmel NE
Engineer's Stamp Dated 03/11/11

Dear Mr. Mahlman:

Based upon the information provided in your submittal received 03-15-11,
Transportation Development has no objection to the issuance of a Permanent Certificate
of Occupancy. This letter serves as a "green tag" from Transportation Development for a
Permanent Certificate of Occupancy to be issued by the Building and Safety Division.

If you have any questions, please contact me at (505)924-3630.

Sincerely,

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

c: Engineer
Hydrology file
CO Clerk

PO Box 1293

Albuquerque

NM 87103

www.cabq.gov

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 12/2005)

PROJECT TITLE: **NORTH DOMINGO BACA MULTIGENERATIONAL CENTER** ZONE MAP: C-19 / **Do 43A**
DRB#: **1003921** EPC#: **08 EPC-40097** WORK ORDER#: _____

LEGAL DESCRIPTION: **TRACK A, NORTH DOMINGO BACA PARK**

CITY ADDRESS: **7521 CARMEL AVENUE NE**

ENGINEERING FIRM: **SMITH ENGINEERING COMPANY**
GEORGE NEMETH - CIVIL ENGINEER
220 SAN PEDRO DRIVE NE
ALBUQUERQUE, NEW MEXICO 87110
(505) 884-0700

OWNER: **CITY OF ALBUQUERQUE**
STEVE JAMES, CITY ARCHITECT - PROJECT MANAGER
DEPARTMENT OF MUNICIPAL DEVELOPMENT
P.O. BOX 1293
ALBUQUERQUE, NEW MEXICO 87103
(505) 768-3857

ARCHITECT: **MAHLMAN STUDIO ARCHITECTURE**
DAVID MAHLMAN - ARCHITECT
206 BROADWAY SE
ALBUQUERQUE, NEW MEXICO 87102
(505) 243-0101

SURVEYOR:

CONTRACTOR: **ENTERPRISE BUILDERS CORPORATION**
JOSH BAZINET - PROJECT MANAGER
P.O. BOX 3987
ALBUQUERQUE, NEW MEXICO 87190
(505) 857-0050

TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT
- ☐ DRAINAGE PLAN 1st 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)

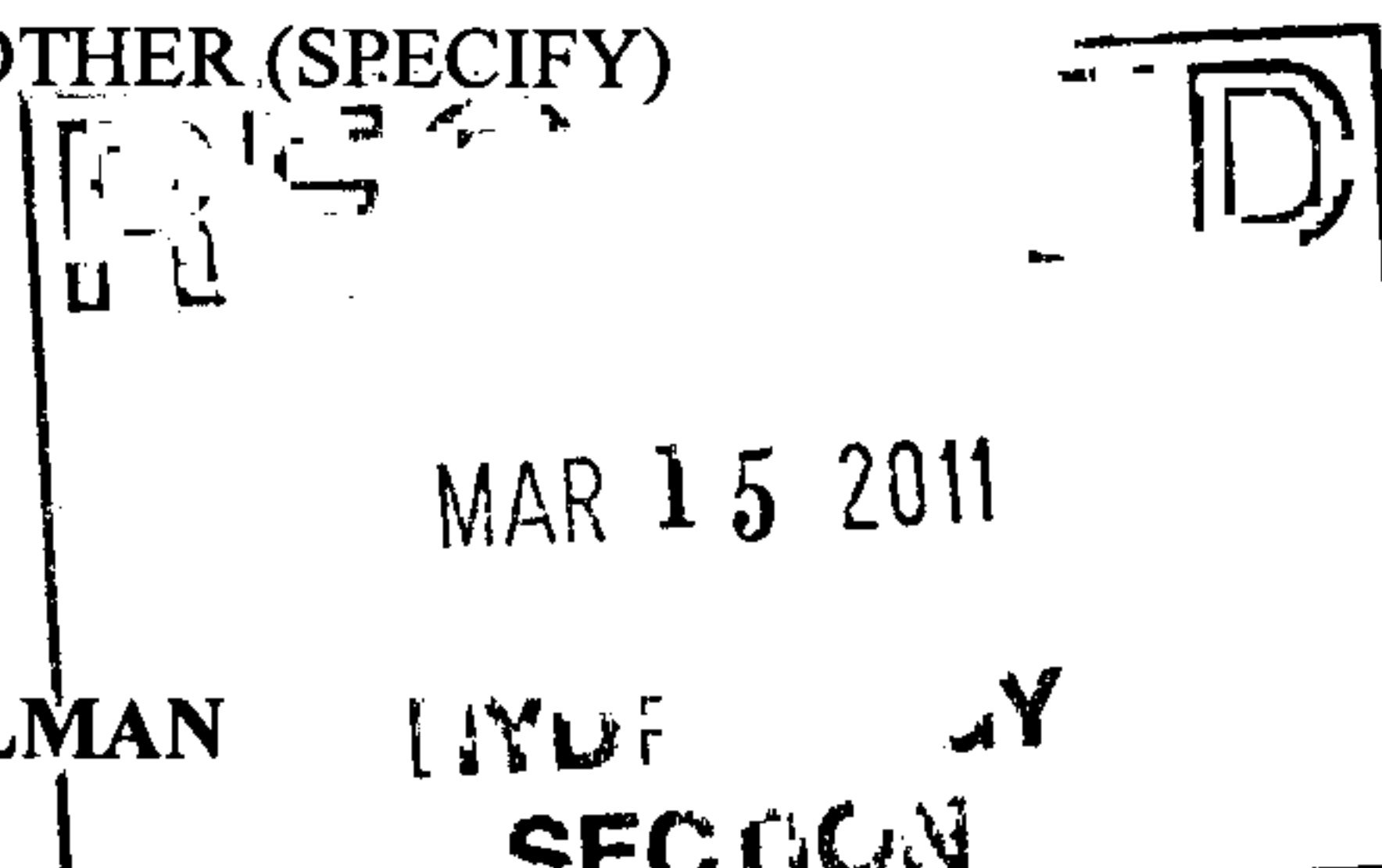
CHECK TYPE OF APPROVAL SOUGHT:

- ☐ 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
- ☐ OTHER (SPECIFY)

WAS A PRE-DESIGN CONFERENCE ATTENDED:

- ☐ YES
- ☒ NO
- ☐ COPY PROVIDED

DATE SUBMITTED: **MARCH, 14 2011** BY: **DAVID MAHLMAN**



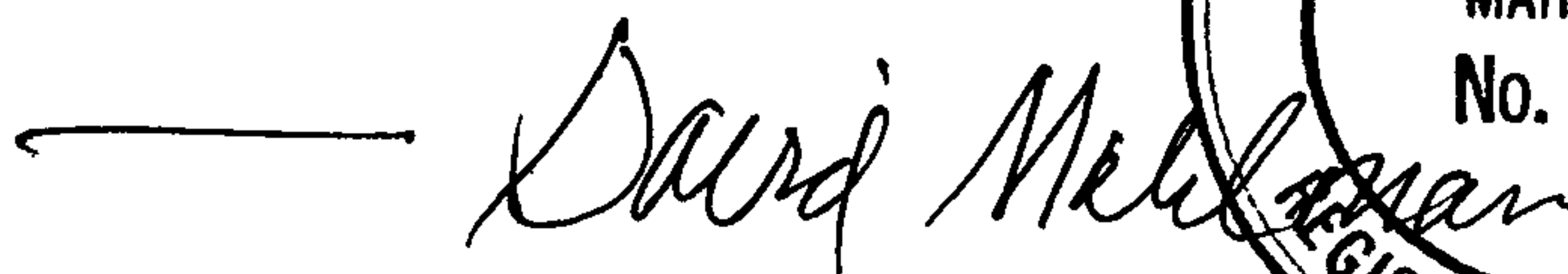
Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location, and scope to the proposed development defines the degree of drainage detail. One or more of the following levels of submittal may be required based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

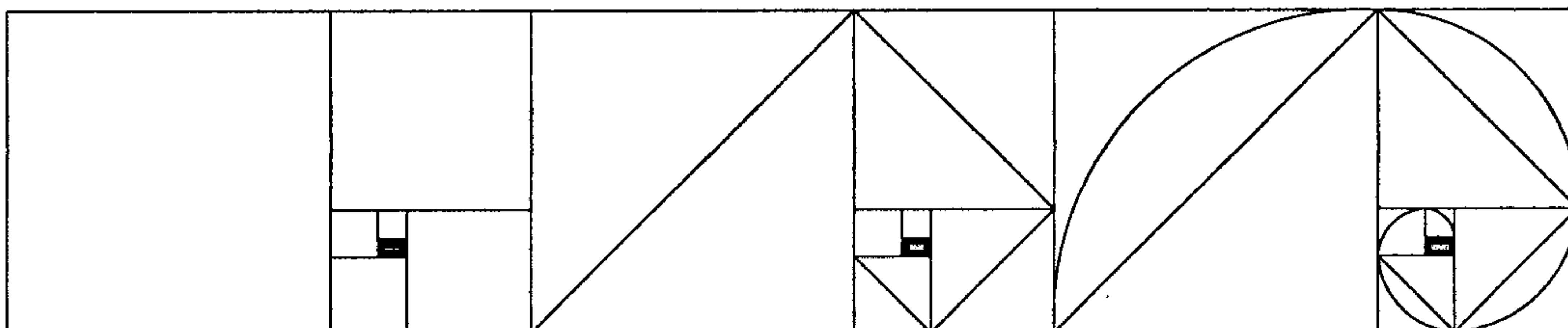
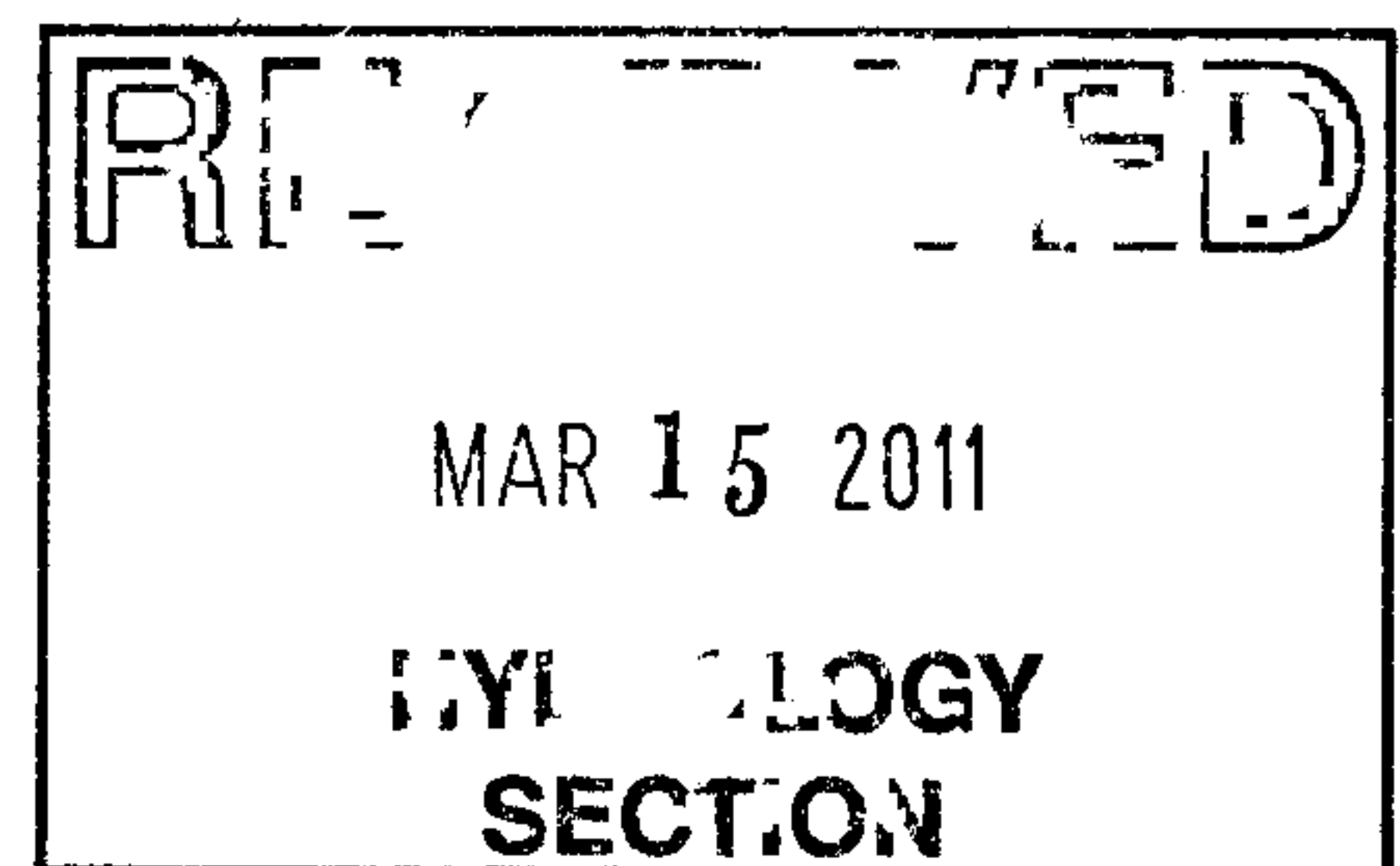
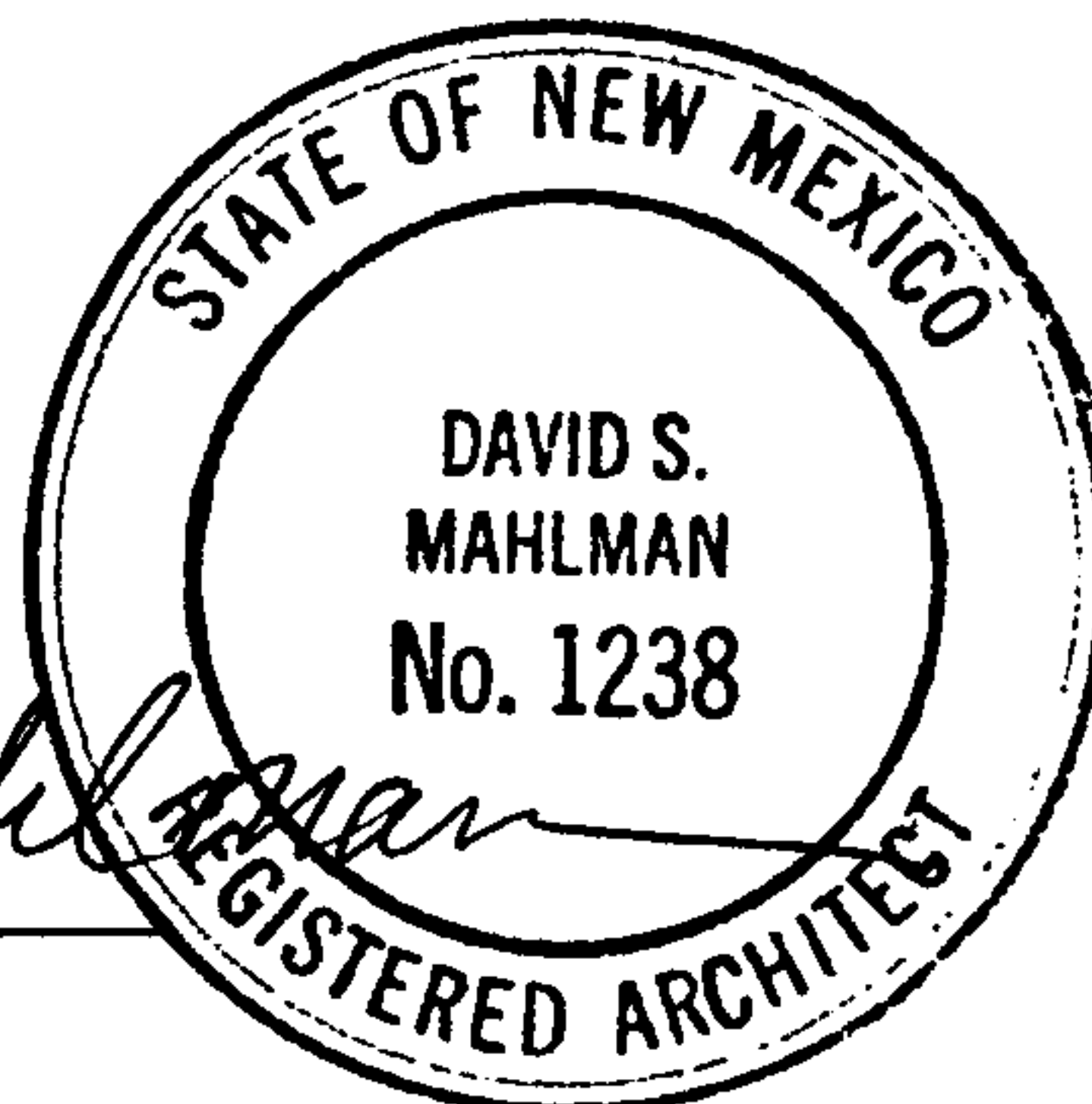
TRAFFIC CERTIFICATION

I, DAVID MAHLMAN, OF THE FIRM MAHLMAN STUDIO ARCHITECTURE, HEREBY CERTIFY THAT THIS PROJECT IS IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED SEPTEMBER 1, 2009. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY DAVID MAHLMAN OF THE FIRM MAHLMAN STUDIO ARCHITECTURE. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON MARCH 11, 2011 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.

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.



DAVID MAHLMAN 11 MARCH 2011



TRANSMITTAL

DATE: 15 March 2011

TO: City of Albuquerque
Dept. of Municipal Development
Albuquerque, New Mexico

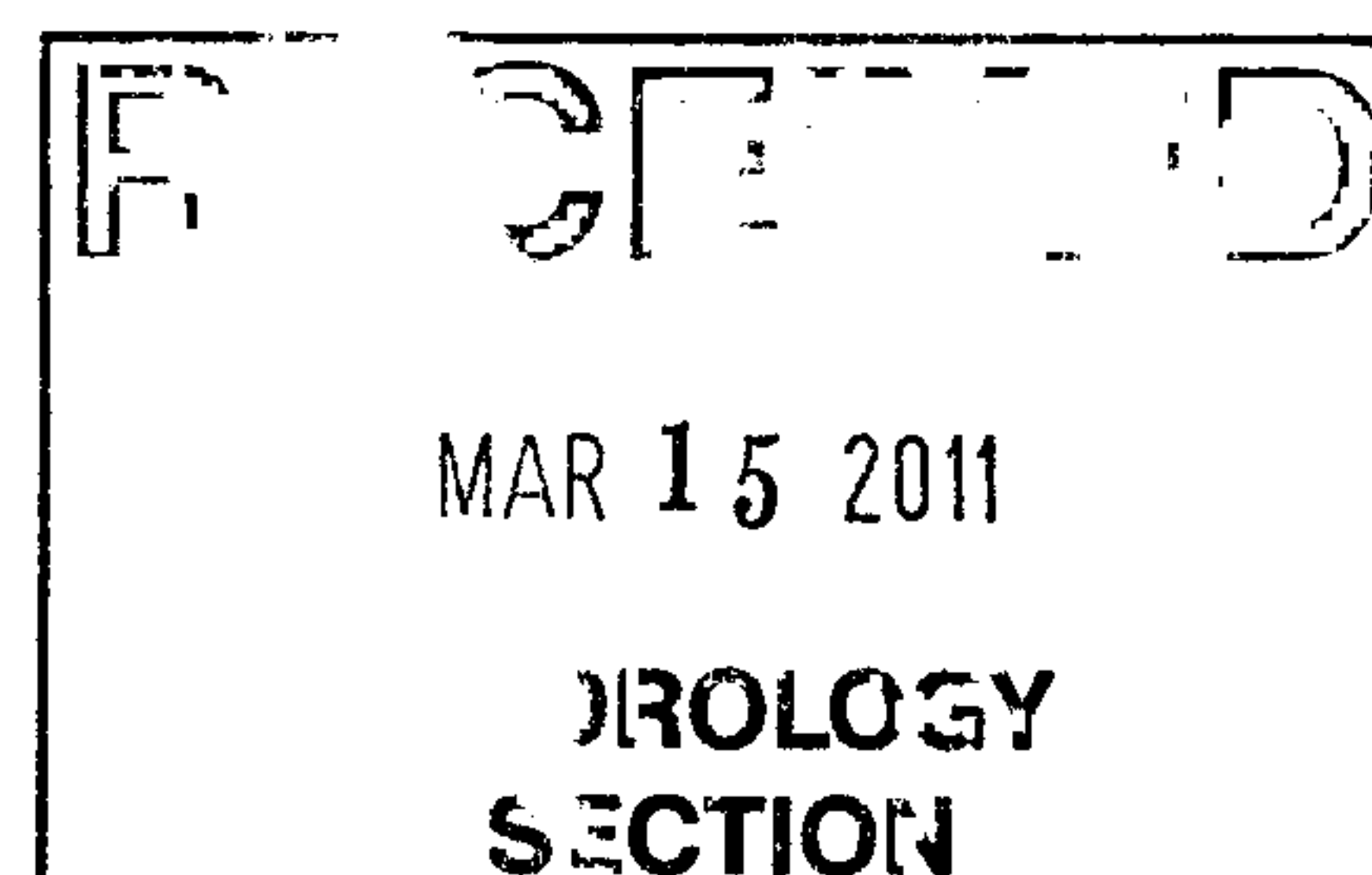
ATTN: Nilo Salgado-Fernandez

PROJECT: **North Domingo Baca Multigenerational Center**
City of Albuquerque
Albuquerque, New Mexico

DOCUMENTS:

1 Traffic Certification, Information Sheet and Site Plan

MESSAGE: For your review and authorization.

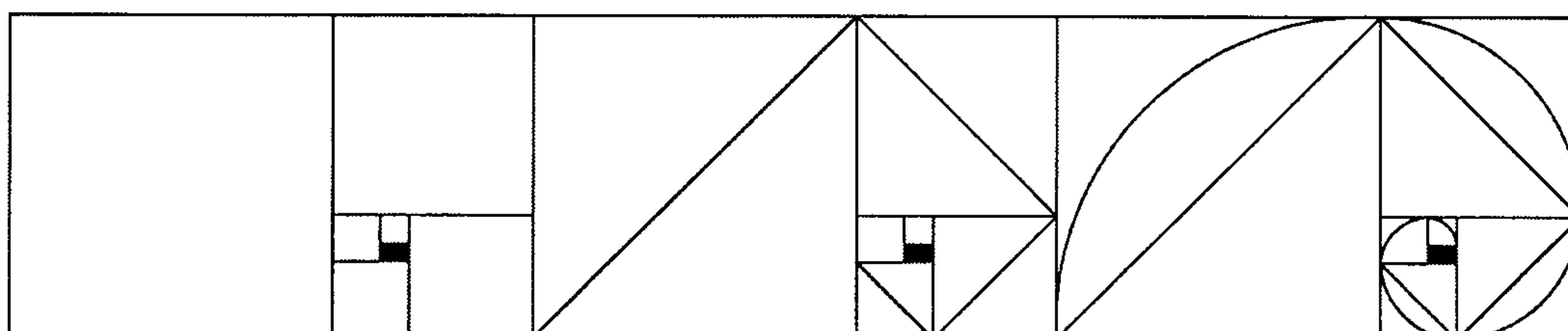


FROM:

David Mahlman

David Mahlman

dmahlman@mahlmanstudio.com



Cherne, Curtis

From: Chris Green [cgreen@consensusplanning.com]
Sent: Monday, September 09, 2013 1:49 PM
To: 'George Nemeth '
Cc: Flores, David M.; Cherne, Curtis
Subject: RE: NDBP Tennis - Building Permit Process

Thanks, George. So, in terms of timing, what will it take for you to provide the information required?

CHRIS GREEN, PLA, ASLA, LEED AP
CONSENSUS PLANNING, INC.

302 Eighth Street NW
 Albuquerque, NM 87102
 cgreen@consensusplanning.com
 (505) 764-9801 phone
 (505) 842-5495 fax



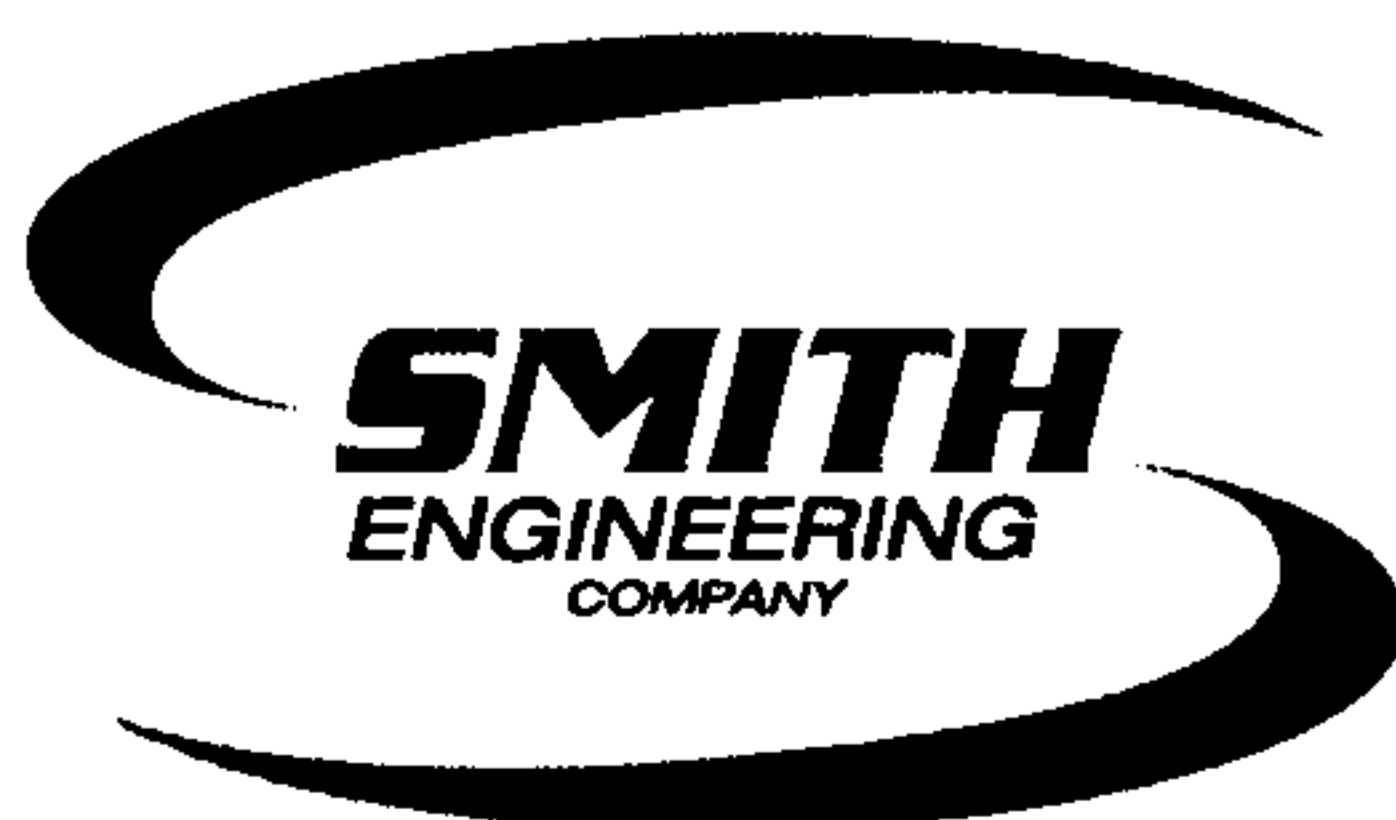
Please consider the environment before printing this email.

From: George Nemeth [mailto:georgen@smithengineering.pro]
Sent: Monday, September 09, 2013 1:46 PM
To: 'Chris Green'
Cc: 'Flores, David M.'; Curtis Cherne
Subject: RE: NDBP Tennis - Building Permit Process

Chris – I met with Curtis Cherne this morning to discuss what he would need to address these comments. He said the following relative to the numbered items below:

1. Provide a G&D plan for review and approval. This is as much a FEMA bookkeeping issue as anything, since the park is still within the old floodplain that effectively went away when the box culvert was installed. But the floodplain was never removed, officially.
2. COA has a floodplain permit that Curtis said would cover this small area of Phase 9.

George Nemeth, P.E.
 Vice President / Project Manager
 Tel: 505.884.0700 x5593 Fax: 505.884.2376
 Direct: 505.314.5593
 2201 San Pedro Drive NE, Bldg 4, Suite 200, Albuquerque, NM 87110



www.smithengineering.pro

Solutions for Today... Vision for Tomorrow

* Water/Wastewater * Solid Waste * Drainage * Hydrology * Transportation * Structural * Surveying * Site Engineering * Materials Testing * Construction Management *

This communication and any file transmitted with it may contain information that is confidential, privileged and exempt from disclosure under applicable law. It is intended solely for the use of the individual or entity to which it is addressed. If you are not the intended recipient, you are hereby notified that any use, dissemination or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender and delete all copies. To the extent that opinions are expressed in this message, they are not necessarily the opinions of Smith Engineering Company or any of its affiliates, employees, directors, officers, or shareholders.

From: Chris Green [mailto:cgreen@consensusplanning.com]

9/17/2013

Sent: Tuesday, August 27, 2013 5:47 PM
To: 'George Nemeth '
Cc: 'Flores, David M.'
Subject: NDBP Tennis - Building Permit Process

George,

We were required to submit the tennis court plans for building permit approval. See Tim Sims (Hydrology) comments below. Didn't you do a G&D submittal to him when we had the fields built, or some other previous phase? Could you contact Tim to review his first 2 comments? Thanks.

DISAPPROVED TIM SIMS (Hydrology)
ZONE AO-1'

1. GRADING AND DRAINAGE PLAN REQUIRED
2. ATTACH FLOOD PLAIN PERMIT

3. ¿ Approval from Risk Management, Brett Frauenglass, 768-4527, is required prior to building permit approval.
¿ Approval from the City Of Albuquerque's Architect, Stephen James, 768-3857, is required prior to building permit approval.
C.O. REQURIED

CHRIS GREEN, PLA, ASLA, LEED AP
CONSENSUS PLANNING, INC.

302 Eighth Street NW

Albuquerque, NM 87102

cgreen@consensusplanning.com

(505) 764-9801 phone

(505) 842-5495 fax



Please consider the environment before printing this email.

9/17/2013

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(Rev. 12/2005)

PROJECT TITLE: North Domingo Baca Multigenerational Ctr. ZONE MAP/DRG. FILE # C-19/DOU3A
DRB#: 09 DRB-70090 EPC#: 08 EPC-40097 WORK ORDER#: _____

LEGAL DESCRIPTION: Tract A North Domingo Baca Park
CITY ADDRESS: 7521 Carmel Ave. NE

ENGINEERING FIRM: Smith Engineering Company CONTACT: George Nemeth, PE
ADDRESS: 2201 San Pedro, Bldg. 4 Suite 200 PHONE: 884-0700
CITY, STATE: Albuquerque, NM ZIP CODE: 87110

OWNER: City of Albuquerque, Dept. of Senior Affairs CONTACT: Steve James – COA PM
ADDRESS: _____ PHONE: _____
CITY, STATE: _____ ZIP CODE: _____

ARCHITECT: Mahlman Studio Architecture CONTACT: David Mahlman
ADDRESS: 206 Broadway SE PHONE: 243-0101
CITY, STATE: Albuquerque, NM ZIP CODE: 87102

SURVEYOR: Precision Surveys, Inc. CONTACT: Larry Medrano, PS
ADDRESS: 5571 Midway Park PL. PHONE: 856-5700
CITY, STATE: Albuquerque, NM ZIP CODE: 87109

CONTRACTOR: Enterprise Builders, Inc. CONTACT: Josh Bazinet
ADDRESS: PO Box 3987 PHONE: 857-0050
CITY, STATE: Albuquerque, NM ZIP CODE: 87190

TYPE OF SUBMITTAL:

☐ DRAINAGE REPORT
☐ DRAINAGE PLAN 1st SUBMITTAL
☐ DRAINAGE PLAN RESUBMITTAL
☐ CONCEPTUAL G & D PLAN
☐ GRADING PLAN
☐ EROSION CONTROL PLAN
☐ ENGINEER'S CERT (HYDROLOGY)
☐ CLOMR/LOMR
☐ TRAFFIC CIRCULATION LAYOUT
☐ ENGINEER'S/ARCHITECT'S CERT (TCL)
☒ ENGINEER'S CERT (DRB SITE PLAN)
☐ OTHER

CHECK TYPE OF APPROVAL SOUGHT:

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

WAS A PRE-DESIGN CONFERENCE ATTENDED:

☐ YES
☐ NO
☐ COPY PROVIDED

SUBMITTED BY: George Nemeth, PE GI DATE: 3/30/11

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.

MAR 30 2011