CITY OF ALBUQUERQUE



September 1, 2006

Mr. John MacKenzie, P.E.

MARK GOODWIN & ASSOCIATES
P.O. Box 90606

Albuquerque, NM 87199

Re: JOURNAL CENTER LAW OFFICES, LOT 9, TR. 9-A-1A-2-B & 9-A-1A-2-C

7411 Jefferson Street NE

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

Engineer's Stamp dated 11/29/20005 (D-17/D94)

Certification dated 08/31/2006

Dear John:

P.O. Box 1293 Based upon the information provided in your submittal received 09/01/2006, the above referenced certification is approved for release of Permanent Certificate of Occupancy by Hydrology.

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

New Mexico 87103

www.cabq.gov

C: CO Clerk

File

Sincerely,

Arlene V. Portillo

Plan Reviewer, Planning Dept.-Hydrology

Development and Building Services

CITY OF ALBUQUERQUE



January 17, 2006

John MacKenzie, P.E. Mark Goodwin & Associates, PA P.O. Box 90606 Albuquerque, NM 87199

Re: Journal Center Law Office, 7411 Jefferson Street NE, Grading and Drainage Plan

Engineer's Stamp dated 11-29-05 (D17-D94)

Dear Mr. MacKenzie,

Based upon the information provided in your submittal received 12-22-05, 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. In addition, please provide a copy of the necessary sidewalk easement for this site prior to Certificate of Occupancy approval.

Albuquerque

P.O. Box 1293

This project requires a National Pollutant Discharge Elimination System (NPDES) permit. If you have any questions regarding this permit please feel free to call the New Mexico 87103 DMD Storm Drainage Design section at 768-3654 (Charles Caruso).

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

www.cabq.gov

Kristal D. Metro, P.E.

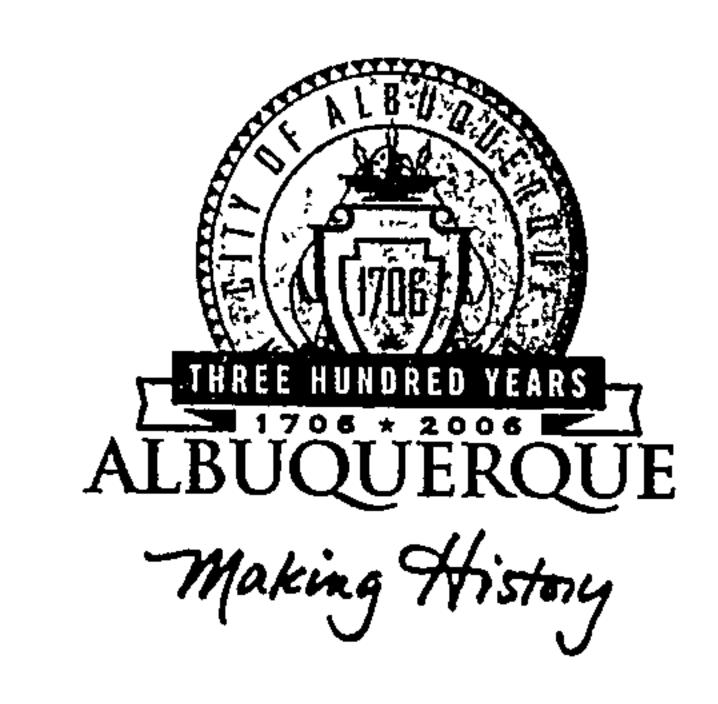
Sincerely,

Senior Engineer, Planning Dept.

Development and Building Services

C: Charles Caruso, DMD Storm Drainage Design File

CITY OF ALBUQUERQUE



July 19, 2005

John MacKenzie, PE Mark Goodwin & Associates P.O. 90606 Albuquerque, NM 87199

Re: Journal Center Law Office Grading and Drainage Report Engineer's Stamp dated 6-12-05 (D17/D94)

Dear Mr. MacKenzie,

Based upon the information provided in your submittals dated 6-17-05, the above referenced plan is approved for Preliminary Plat and Site Plan action by the DRB. Prior to Building Permit approval, please address the following comments.

P.O. Box 1293

• Per the DPM, supplemental data supporting a grading plan should be contained in a bound report, stamped, signed and dated by the engineer of record. This information can also be included on a drainage plan as long as it is stamped and signed.

Albuquerque

• Please submit the AHYMO input and summary files as well.

If you have any questions, you can contact me at 924-3986.

New Mexico 87103

www.cabq.gov

Sincerely,

Bradley 1. Bingham, PE

Principal Engineer, Planning Dept Development and Building Services

C: file

D 国 G 国 W I D AUG 6 3 2005
HYDROLOGY SECTION

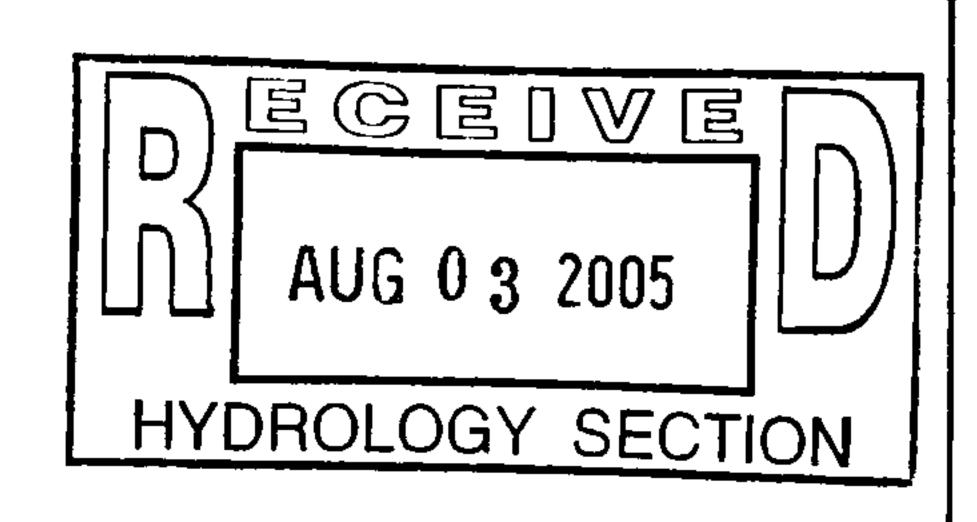
DRAINAGE REPORT for Journal Center Law Offices

Prepared for

Mullen Heller Architecture, PC 1015 Tijeras NW, Suite 220. Albuquerque, NM 87102 (505) 268-4144

Prepared by

Mark Goodwin & Associates, PA P.O. Box 90606 Albuquerque, NM 87199 (505) 828-2200



August, 2005



I. PROJECT DESCRIPTION

The proposed site area comprises approximately 2.68 acres and is located on Jefferson Street one tract south of 9A-1A-1, of which is on the SW corner of the Masthead/Jefferson intersection. The current legal description of the site is Tract 9-A-1A-2-A, 9-A-1A-2-B, 9-A-1A-2-C.

The Purpose of this report is to present the drainage management plan for the three-lot proposed office buildings in order to obtain the building permit and grading and drainage plan approval. A platting action of this site is to be submitted to DRB concurrent with a site development plan. All applicable ordinances, the DPM and AHYMO were utilized to prepare this plan.

II. DRAINAGE DESIGN CRITERIA

The design criteria used in this report was in accordance with Section 22.2 Hydrology of the Development Process Manual. The 100-year, 6-hour storm event was utilized to determine site runoff rates using P(1 hr) = 1.65", P(6 hr) = 2.23" and P(24 hr) = 2.59", obtained from the latest NOAA Precipitation Atlas. The onsite Land Treatment values used were Treatment D=85 and Treatment B=15. AHYMO printouts are provided in Appendix A.

III. EXISTING DRAINAGE CONDITION

The site is located on Jefferson Street one tract south of 9A-1A-1, of which is on the SW corner of the Masthead/Jefferson intersection. The subject property slopes down to the west from its Jefferson frontage. A small berm exists along the west property line of the property which helps to divert existing on-site runoff to the north along the west property line and into Tiburon Street west of the site. The property to the west of the site (Tract 9) is fully developed and its runoff discharges freely into Tiburon, as do all the other developed properties within this phase of the Journal Center. The existing developed property south of this site is part of another subdivision and it drains south into Hawkins

Street. To the north of the subject site the undeveloped Tract 9A-1A-1 slopes down to the west and discharges into Tiburon Street. As a result, there are no off-site flows entering this site.

Bohannon-Huston, Inc. submitted a drainage report for the subject property in connection with its work on the original subdivision of the Journal Center, Phase 2, in 2001. The report has an engineer's stamp date of 8/25/00. According to the report, developed runoff discharging from this site is designed to be collected in Tiburon and then conveyed in the street to drop inlets located in Washington Street to the west. As a result there is no additional public drainage infrastructure needed in connection with the proposed 3-tract division of this property.

IV. DEVELOPED DRAINAGE CONDITIONS

The total developed conditions flow from this site is 9.38 cfs. All of the on-site runoff is to be conveyed north and into a common driveway between the subject property and Tract 9A-1A-1 to the north. The common drive will then discharge directly into Tiburon Street.

V. CONCLUSIONS

The proposed drainage scheme for the new buildings can be readily accommodated through the implementation of this plan. It has been adequately shown in this report that the internal conveyance of storm water to off-site facilities can be accomplished while meeting all current City requirements.



POINT PRECIPITATION FREQUENCY ESTIMATES FROM NOAA ATLAS 14



New Mexico 35.155 N 106.586 W 5187 feet

from "Precipitation-Frequency Atlas of the United States" NOAA Atlas 14, Volume 1, Version 3 G.M. Bonnin, D. Todd, B. Lin, T. Parzybok, M. Yekta, and D. Riley NOAA, National Weather Service, Silver Spring, Maryland, 2003

Confidence Limits Seasonality Location Maps Other Info. Grids Maps Help Docs																		
	Precipitation Frequency Estimates (inches)																	
ARI* (years)		10 min	15 min	30 min	60 min	120 min	3 hr	6 hr	12 hr	24 hr	48 hr	4 day	7 day	10 day	20 day	30 day	45 day	60 day
2	0.21	0.32	0.39	0.53	0.65	0.78	0.84	0.97	1.07	1.20	1.33	1.62	1.83	2.00	2.50	2.98	3.64	4.19
5	0.28	0.43	0.53	0.72	0.89	1.04	1.10	1.26	1.36	1.52	1.69	2.00	2.24	2.46	3.05	3.60	4.35	5.01
10	0.34	0.51	0.64	0.86	1.06	1.25	1.31	1.47	1.59	1.76	1.97	2.30	2.55	2.82	3.46	4.05	4.85	5.59
25	0.41	0.62	0.77	1.04	1.29	1.53	1.59	1.77	1.89	2.10	2.33	2.70	2.98	3.30	3.98	4.63	5.47	6.30
50	0.47	0.71	0.88	1.19	1.47	1.74	1.82	2.00	2.12	2.34	2.62	3.01	3.29	3.66	4.37	5.04	5.90	6.79
100	0.53	0.80	0.99	1.33	1.65	1.96	2.04	2,23	2.34	2.59	2.90	3.32	3.61	4.02	4.74	5.43	6.30	7.24
200	0.58	0.89	1.10	1.49	1.84	2.19	2.27	2.46	2.57	2.84	3.18	3.63	3.92	4.38	5.09	5.80	6.65	7.64
500	0.66	1.01	1.25	1.69	2.09	2.50	2.60	2.77	2.87	3.16	3.56	4.04	4.32	4.85	5.54	6.25	7.06	8.12
1000	0.72	1.10	1.37	1.84	2.28	2.75	2.85	3.01	3.10	3.40	3.83	4.36	4.62	5.20	5.86	6.57	7.32	8.42

AHYMO PROGRAM (AHYMO 97) -

- Version:

1997.02d

RUN DATE (MON/DAY/YR) = 06/17/2005

START TIME (HR:MIN:SEC) = 11:17:19 USER NO.= AHYMO-I-

9702dGoodwinM-AH

INPUT FILE = C:\DOCUME~1\pavan\Desktop\PAVAN\journal.txt

TIME=0.0START

***** AHYMO - JOURNAL.DAT

***** JUNE 17, 2005

***** HYDOLOGY FOR THE JOURNAL CENTER

TYPE=1 RAIN QUARTER=0.0 IN RAINFALL

> RAIN ONE=2.01 IN RAIN SIX=2.35 IN RAIN DAY=2.75 IN DT=0.0333 HR

COMPUTED 6-HOUR RAINFALL DISTRIBUTION BASED ON NOAA

ATLAS 2 - PEAK AT 1.4		033300 H	OURS	באט ת	IME =	5.994000
HOURS			.0033			
.0102	.0000			.0049	.0066	.0084
.0241	.0120	.0139	.0158	.01/8	.0198	.0219
.0410	.0263	.0285	.0309	.0333	.0358	.0384
.0630	.0438	.0467	.0497	.0528	.0561	.0595
	.0668	.0708	.0750	.0805	.0864	.0928
.1059	.1359	.1822	.2488	.3398	.4596	.6124
.8028	1.0352	1.2584	1.3500	1.4271	1.4955	1.5577
1.6150	1.6682	1.7178	1.7644	1.8082	1.8495	1.8885
1.9255	1.9605	1.9937	2.0252	2.0551	2.0835	2.0912
2.0972		2.1085				
2.1327						
2.1602	2.1370	2.1412	2.1452	2.1491	2.1529	2.1566
2.1830	2.1637	2.1671	2.1704	2.1737	2.1768	2.1799
2.2026	2.1859	2.1889	2.1917	2.1945	2.1973	2.2000
	2.2052	2.2078	2.2103	2.2128	2.2152	2.2176
2.2200	2.2223	2.2246	2.2268	2.2291	2.2313	2.2334
2.2356	2.2377	2.2397	2.2418	2.2438	2.2458	2.2478
2.2498	2.2517	2.2536	2.2555	2.2574	2.2592	2.2611
2.2629	2.2647	2.2664	2.2682	2.2699	2.2716	2.2733
2.2750		2.2784				
2.2864						
	2.2880	2.2895	2.2911	2.2926	2.2941	2.2956

2.3346 2.3358 2.3370 2.3382 2.3394 2.3406 2.3418 2.3429

2.3441 2.3452 2.3464 2.3475 2.3487 2.3498

***** BASIN A - (2.67 ACRES)

COMPUTE NM HYD ID=2 HYD NO=100.2 AREA=0.0041 SQ MI PER A=0 PER B=15 PER C=0 PER D=85 TP=0.1333 HR MASS RAINFALL=-1

K = .072649HR TP = .133300HR K/TP RATIO = .545000 SHAPE CONSTANT, N = 7.106420

UNIT PEAK = 13.759 CFS UNIT VOLUME = .9985 B =

.04000 INCHES PER HOUR

RUNGEE COMPUTED BY INTUIAL ABSTRACTION/INFILTRATION NUMBER

RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = .033300

K = .132088HR TP = .133300HR K/TP RATIO = .990905 SHAPE CONSTANT, N = 3.563124

UNIT PEAK = 1.4990 CFS UNIT VOLUME = .9915 B = 324.91 P60 = 2.0100

AREA = .000615 SQ MI IA = .50000 INCHES INF = 1.25000 INCHES PER HOUR

RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = .033300

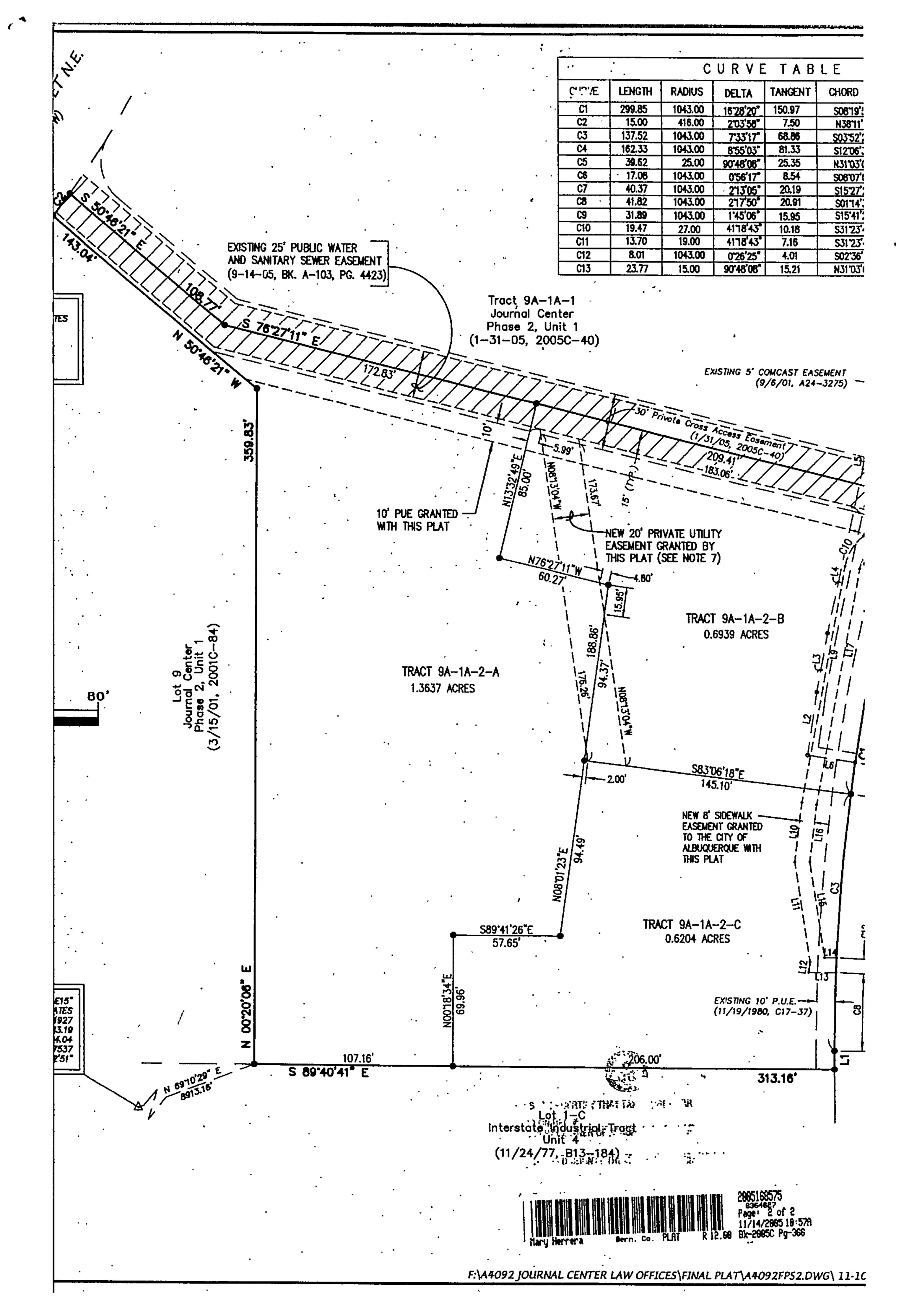
PRINT HYD ID=2 CODE=24

PARTIAL HYDROGRAPH 100.20

	TIME	FLOW	TIME	FLOW	TIME
FLOW	TIME	FLOW	TIME	FLOW	
	HRS	CFS	HRS	CFS	HRS
CFS	HRS	CFS	HRS	CFS	
	.000	.0	1.998	2.7	3.996
. 1	5.994	. 1			
	.666	.0	2.664	. 2	4.662
. 1	6.660	. 0			
	1.332	3.2	3.330	. 1	5.328
. 1					

RUNOFF VOLUME = 1.91475 INCHES = .4187 ACRE-FEET PEAK DISCHARGE RATE = 11.39 CFS AT 1.499 HOURS BASIN AREA = .0041 SQ. MI.

1



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

PROJECT TITLE: <u>USFS Phase II</u> ZONE MAP/DRG.	FILE #D-17
DRB#: 1004556	VORK ORDER#:
LEGAL DESCRIPTION: Tract 11-B Journal Center Phase 2, Unit 2	
CITY ADDRESS:	• • • • • • • • • • • • • • • • • • •
ENGINEERING FIRM: Bohannan Huston, Inc	CONTACT: Glenn Broughton
ADDRESS: 7500 Jefferson NE	PHONE: 823-1000
CITY, STATE: Albuquerque, NM	ZIP CODE: 87109
CITT, DITTID	211 CODD. <u>07107</u>
OWNER:	CONTACT:
	PHONE:
ADDRESS:	
CITY, STATE:	ZIP CODE:
ARCHITECT:	CONTACT:
ADDRESS: ZUNHER	PHONE:
CITY, STATE:	ZIP CODE:
ADDRESS: CUNHER CITY, STATE: DROPPED SURVEYOR: DEF 19/4	
<u>SURVEYOR:</u>	CONTACT:
ADDRESS: THE THALKED -	PHONE:
CHIADIATE.	ZIP CODE:
CONTRACTOR: SUILD'G PERMIT	
CONTRACTOR:	CONTACT:
ADDRESS: SUILING PERMIT	PHONE:
CITY, STATE:	ZIP CODE:
<u></u>	
TYPE OF SUBMITTAL: CHECK TY	PE OF APPROVAL SOUGHT:
	A/FINANCIAL GUARANTEE RELEASE
	RELIMINARY PLAT APPROVAL
	DEV. PLAN FOR SUB'D APPROVAL
	DEV. FOR BLDG. PERMIT APPROVAL
	ECTOR PLAN APPROVAL
	NAL PLAT APPROVAL
	OUNDATION PERMIT APPROVAL
	UILDING PERMIT APPROVAL
	ERTIFICATE OF OCCUPANCY (PERM)
ENGINEER CERT (TCL)	ERTIFICATE OF OCCUPANCY (TEMP)
ENGINEER CERT (DRB SITE PLAN) G	RADING PERMITAPPROVALED IN
	AVING PERMITAPPROVAL TO THE PROVINCE OF THE PROPERTY OF THE PROVINCE OF THE PROPERTY OF THE PR
W	ORK ORDER APPROVAL
$\overline{}$	THER (SPECIFY)
	SEP 1 3 2010
WAS A PRE-DESIGN CONFERENCE ATTENDED:	
YES	HYDROLOGY
NO	
COPY PROVIDED	SECTION
SUBMITTED BY: Glenn Broughton	DATE: September 3, 2010

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

- 1. Conceptual Grading and Drainage Plan: Required for approval of Site Development Plans greater than five (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.

Bohannan & Huston =--

CLIENT/COURIER TRANSMITTAL

Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335

www.bhinc.com

voice: 505.823.1000 98.7988 7.5332

					facsimile: 505.79 toll free: 800.87		
To:	City of Alba		Requested by:	Glenn Broughton/c	C		
	City of Albu Civic Plaza	•	Date:	September 13, 2010			
			Time Due:	This A.M. This P.M. Rush By Tomorro			
Phone:							
Job No.:	2011060.00)4	Job Name:	US Forest Service			
<u>D</u>	ELIVERY VIA		PICK	UP			
Courier Federal Express			Item:				
Mail Oth		JPS 					
TEM NO.	QUANTITY	DESCRIPTION					
1 2	1	Drainage Info Sheet - Build Grading Plan	ding Permit Submittal				

COMMENTS / INSTRUCTIONS

Curtis,

Curtis,
This grading plan should have been inculded in the building permit submittal on 19/3/10.

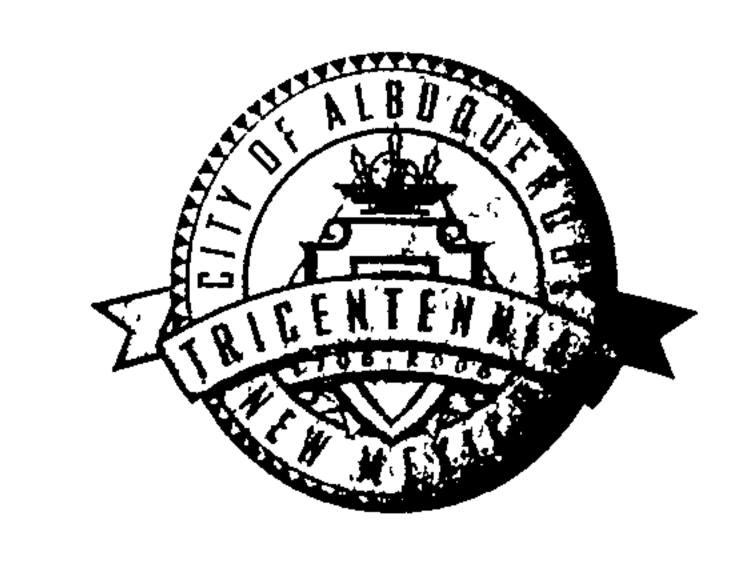
SEP 1 3 2010

HYDROLOGY SECTION

REC'D BY:	tadle,	

DATE: <u>0</u> 7	13	10	TIME:	11	108
	$\overline{}$		_		

CITY. OF ALBUQUERQUE



Planning Department Transportation Development Services Section

August 7, 2006

Michele M. Mullen, Registered Architect 1015 Tijeras Ave. NW, Ste. 220 Albuquerque, NM 87102

Re:

Certification Submittal for Final Building Certificate of Occupancy for Journal Center Law Offices(Phase I), [D-17 / D94] 7401 & 7411 Jefferson Street NE

Architect's Stamp Dated 08/03/06

Dear Mr. Mullen:

Sincerely,

P.O. Box 1293

The TCL / Letter of Certification submitted on August 4, 2006 is sufficient for acceptance by this office for final Certificate of Occupancy (C.O.). Notification has been made to the Building and Safety Section.

Albuquerque

New Mexico 87103

www.cabq.gov

Nilo E. Salgado-Fernandez, P.E.

Senior Traffic Engineer

Development and Building Services

Planning Department

C:

Engineer Hydrology file CO Clerk

August 2, 2006

Mr. Nilo Salgado-Fernandez, PE Senior Engineer, Planning Department City of Albuquerque PO Box 1293 Albuquerque, NM 87103

Re: Landhlaford Development aka Tiburon Park

7401 and 7411 Jefferson NE 878109

Dear Nilo:

I, Michele Mullen, NMRA of Mullen Heller Architecture P.C., hereby certify that Phase I of this project is in substantial compliance with and in accordance with the design intent of the DRB approved plan dated 06/14/05. I further certify that I have personally visited the project site on August 2, 2006 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 Engineer's Certification (DRB Approved Site Plan) for Permanent Certificate of Occupancy.

The record information presented heroin 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.

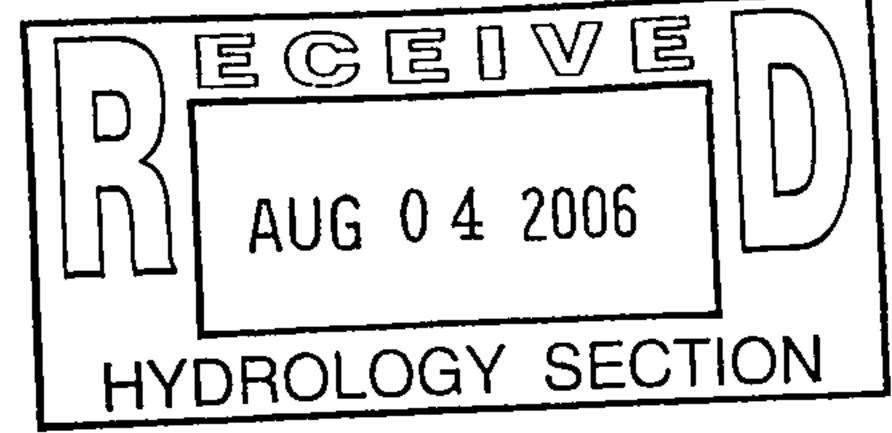
Please feel free to contact me if you have any questions.

Sincerely,

Mullen Heller Architecture PC

Michele M. Mullen, AlA

Attachment: DRB Approved Site Plan





Mullen Heller

Architecture P.C.

