



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

***Public Works Department
Transportation Development Services Section***

December 17, 2001

Guy Jackson, Registered Professional Engineer
6200 Uptown Blvd.
Suite 200
Albuquerque, NM 87110

Re: Certification Submittal for Final Building Certificate of Occupancy for
PNM Parking Garage, [K14 / D79]
225 5th St.
Engineer's Stamp Dated 11-20-01

Dear Mr. Jackson:

The TCL / Letter of Certification submitted is sufficient for acceptance by this office for final Certificate of Occupancy (C.O.). Notification has been made to Building and Safety and final C.O. has been logged in by Vicki Chavez in the Building Safety Section downstairs.

Sincerely,

Leslie Romero
Engineering Associate
Development and Building Services
Public Works Department

c: Architect
Terri Martin, Hydrology
Mike Zamora, Plan Checker

DRAINAGE INFORMATION SHEET
(REV. 11/01/2001)

K-14/079

PROJECT TITLE: PNM Parking Garage

ZONE MAP/DRG. FILE #: K-14

DRB#: _____

EPC #: _____

WORK ORDER #: 653481

LEGAL DESCRIPTION: Lots 13-20, Block 26, NM Town Company's Original Townsite

CITY ADDRESS: Northwest corner of Silver Ave. & 5th Street 2255th

ENGINEERING FIRM: BPLW

ADDRESS: 6200 Uptown Blvd., Suite 200

CITY, STATE: Alb., NM

CONTACT: Jeff Peterson

PHONE: 880-9670

ZIP CODE: 87110

OWNER: Public Service Company of New Mexico

ADDRESS: (See Architect)

CITY, STATE: _____

CONTACT: Engineer

PHONE: 880-9670

ZIP CODE: _____

ARCHITECT: BPLW

ADDRESS: 6200 Uptown Blvd. Suite 400

CITY, STATE: Alb., NM

CONTACT: Edward Aragon

PHONE: 881-2759

ZIP CODE: 87110

SURVEYOR: JMA

ADDRESS: 6010-B Midway Park Blvd NE

CITY, STATE: Alb., NM

CONTACT: Chuck Cala

PHONE: 345-4250

ZIP CODE: 87109

CONTRACTOR: Jaynes Corp.

ADDRESS: 2906 Broadway NE

CITY, STATE: Alb., NM

CONTACT: Isidro Velez

PHONE: 345-8591

ZIP CODE: 87107

CHECK TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT
- ☐ DRAINAGE PLAN
- ☐ CONCEPTUAL GRADING & DRAINAGE PLAN
- ☐ GRADING PLAN
- ☐ EROSION CONTROL PLAN
- ☐ ENGINEER'S CERTIFICATION(HYDROLOGY)
- ☐ CLOMR/LOMR
- ☐ TRAFFIC CIRCULATION LAYOUT (TCL)
- ☒ ENGINEER'S CERTIFICATION(TCL)
- ☐ ENGINEER'S CERTIFICATION(DRB APPR. SITE PLAN)
- ☐ OTHER

CHECK TYPE OF APPROVAL SOUGHT:

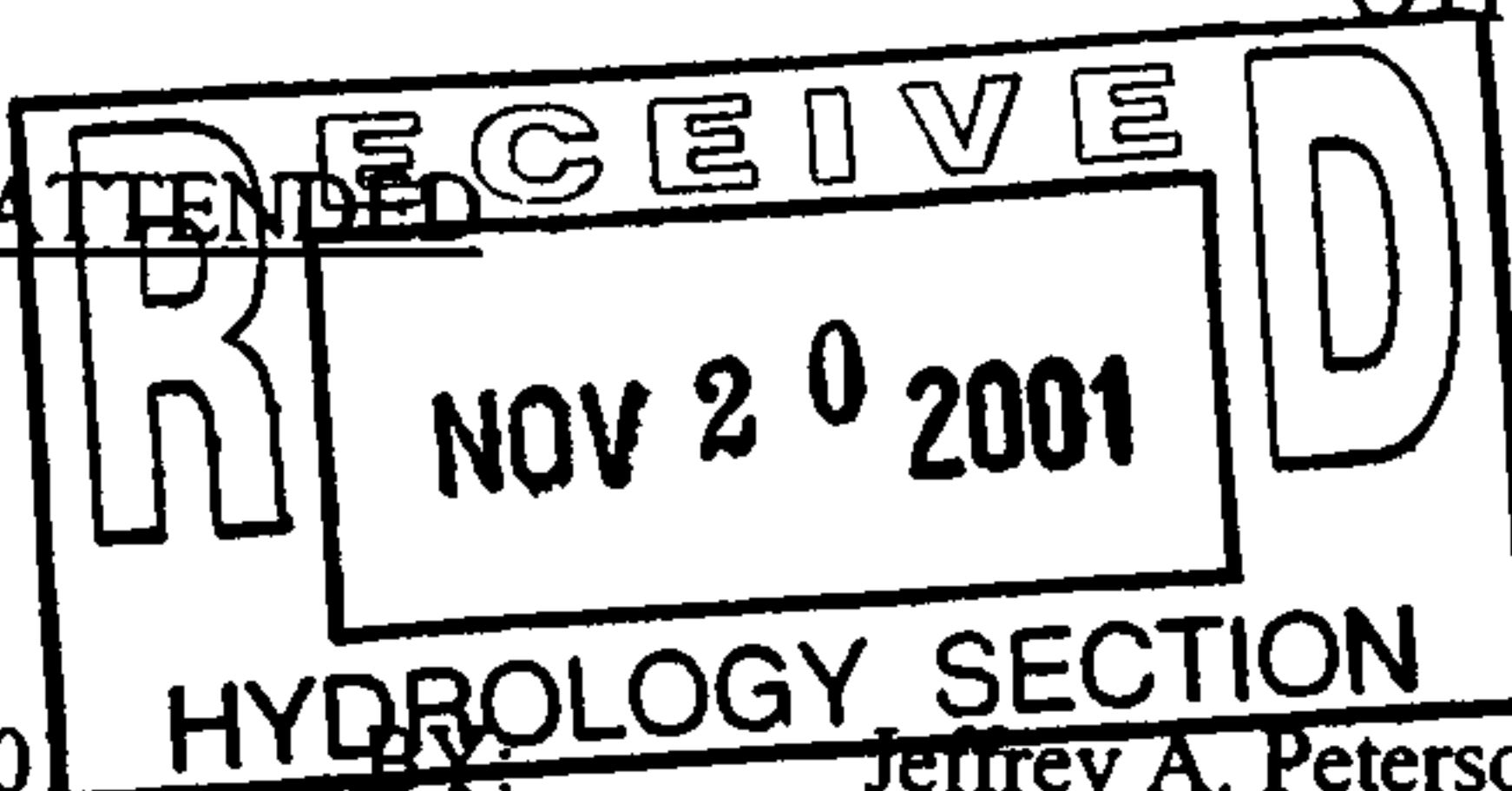
- ☐ SIA / FINANCIAL GUARANTEE RELEASE
- ☐ PRELIMINARY PLAT APPROVAL
- ☐ S. DEV. PLAN FOR SUB'D APPROVAL
- ☐ S. DEV. PLAN FOR BLDG. PERMIT APPROVAL
- ☐ SECTOR PLAN APPROVAL
- ☐ FINAL PLAT APPROVAL
- ☐ FOUNDATION PERMIT APPROVAL
- ☐ BUILDING PERMIT APPROVAL
- ☒ CERTIFICATE OF OCCUPANCY (PERM.)
- ☐ CERTIFICATE 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: November 20, 2001

BY: Jeffrey A. Peterson, EI

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

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

11/28/01
O.K.

Verified TCL Drawings; 11/28/01 - Cldm GT; 12/17/01 - Sent letter dated 11/28/01; logged in - T.M.

Leslie - Please
Write a Letter
Issuing the Perm. C.O.
~~for~~ on this site -

Thanks -
Ruhar



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

December 3, 2001

Guy Jackson, P.E.
BPLW
6200 Uptown Blvd NE Suite 220
Albuquerque, New Mexico 87110

RE: PNM PARKING STRUCTURE (K-14/D79)
(Northwest Corner of Silver & 5th ST SW)
ENGINEERS CERTIFICATION FOR CERTIFICATE OF OCCUPANCY
ENGINEERS STAMP DATED 10/26/2000
ENGINEERS CERTIFICATION DATED 11/16/2001

Dear Mr. Jackson:

Based upon the information provided in your Engineers Certification submittal dated 11/16/2001, and transmittal letter to Brad Bingham dated 11/30/2001, the above referenced site is approved for Permanent Certificate of Occupancy.

If I can be of further assistance, please contact me at 924-3981.

Sincerely,

Teresa A. Martin
Hydrology Plan Checker
Public Works Department
BA

C: Vickie Chavez, COA
✓ drainage file
approval file

Guy Jackson

From: "Guy Jackson" <gjackson@bplw.com>
To: "Brad Bingham" <bbingham@cabq.go>
Cc: "jeff peterson" <jpeterson@bplw.com>
Sent: Thursday, November 29, 2001 3:58 PM
Subject: PNM Parking Structure Work Order & Building Permit Plans

Hey Brad,

I've got a couple of questions about finalizing this project. We got a call from Isidro Velez (Jaynes Corp.) who stated that he can only get a temporary C.O. for the S.O.19 approval portion of the work. He said that Matt Kline (COA Storm Drain) was looking at a plan that showed pipe penetrations into the adjacent curb and gutter. I pulled the approved plan sealed October 26 ,00 -with my cert. language on it) and accompanying approval letter from Stuart Reeder for both building permit and S.O. 19. There was also the standard SO-19 language and signature block. This is where it gets weird. The approved plan (10/26/01) plan does not show any roof drain connections into the street. I asked Matt Kline to check his plan to confirm the approval letter referencing the 10/26/01 sealed plans. In January 2001 we issued a work order plan set (653481) dated 1/9/01 which shows a private storm drain to collect the roof drains and then ties into the back of the existing inlet at the northwest corner of the 5th Street/ Silver Av. intersection. I haven't been able to get a hold of either Mike DeLilla or Nicole Losack to ask why we asked for the SO 19 since we were showing the connection to be built on the on the work order plans. My big question is do we need the SO 19 sign off from Matt Kline (291-6214) since the connection was done via work order? Doesn't the work order plans suffice for the connections?

Please give me a call or e-mail me back if you would. As you probably know, your voice mail is full.

Thanks bud. Sorry for the confusion.

Guy J.

NO!

11/30/01



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

November 28, 2001

Guy Jackson, P.E.
BPLW
6200 Uptown Blvd NE Suite 220
Albuquerque, New Mexico 87110

RE: PNM PARKING STRUCTURE (K-14/D79)
(Northwest Corner of Silver & 5th ST SW)
CERTIFICATE OF OCCUPANCY APPROVAL-*Temporary*
ENGINEERS CERTIFICATION DATED 11/16/2001

Dear Mr. Jackson:

Based on the information provided in your November 16, 2001 letter, the above referenced project is approved for a **TEMPORARY** Certificate of Occupancy.

A Temporary Certificate of Occupancy has been issued for 30 days. An SO19 is required on your Engineers Certification which requires the City's storm drainage inspector's signature prior to approval of the Permanent Certificate of Occupancy as per the Design Process Manual (DPM) Chapter 17 "Private Storm Drain Facilities within a City Right-of-Way and/or Easement"

When the signature of the City's storm drainage maintenance inspector has been obtained on the SO19 and a copy of the approval has been submitted to the City's Hydrology Division, a Permanent Certificate of Occupancy can be issued.

If I can be of further assistance, please feel free to contact me at 924-3981.

Sincerely,

Teresa A. Martin

Hydrology Plan Checker

Public Works Department

c: Vickie Chavez, COA
✓ Drainage file
Approval file

DRAINAGE INFORMATION SHEET

K-14/D79

PROJECT TITLE: PNM Parking Garage ZONE ATLAS/DRWG. FILE # K-14
DRB#: _____ EPC # _____ WORK ORDER # 653481

LEGAL DESCRIPTION: Lots 13-20, Block 26, NM Town Company's Original Townsite

CITY ADDRESS: Northwest corner of Silver Ave. & 5th Street

ENGINEERING FIRM: BPLW CONTACT: Jeff Peterson

ADDRESS: 6200 Uptown Blvd., Suite 400 PHONE: 880-9670

OWNER: Public Service Co. of New Mexico CONTACT: (See Engineer)

ADDRESS: (See Engineer) PHONE: (See Engineer)

ARCHITECT: BPLW CONTACT: Edward Aragon

ADDRESS: 6200 Uptown Blvd., Suite 400 PHONE: 881-2759

SURVEYOR: JMA CONTACT: Chuck Cala

ADDRESS: 6010B Midway Park Blvd. PHONE: 345-4250

CONTRACTOR: Jaynes Corp. CONTACT: Isidro Velez

ADDRESS: 2906 Broadway NE Alb. NM 87107 PHONE: 345-8591

TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT
- ☐ DRAINAGE PLAN
- ☐ CONCEPTUAL GRADING & DRAINAGE PLAN
- ☐ GRADING PLAN
- ☐ EROSION CONTROL PLAN
- ☒ ENGINEER'S CERTIFICATION
- OTHER _____

PRE-DESIGN MEETING:

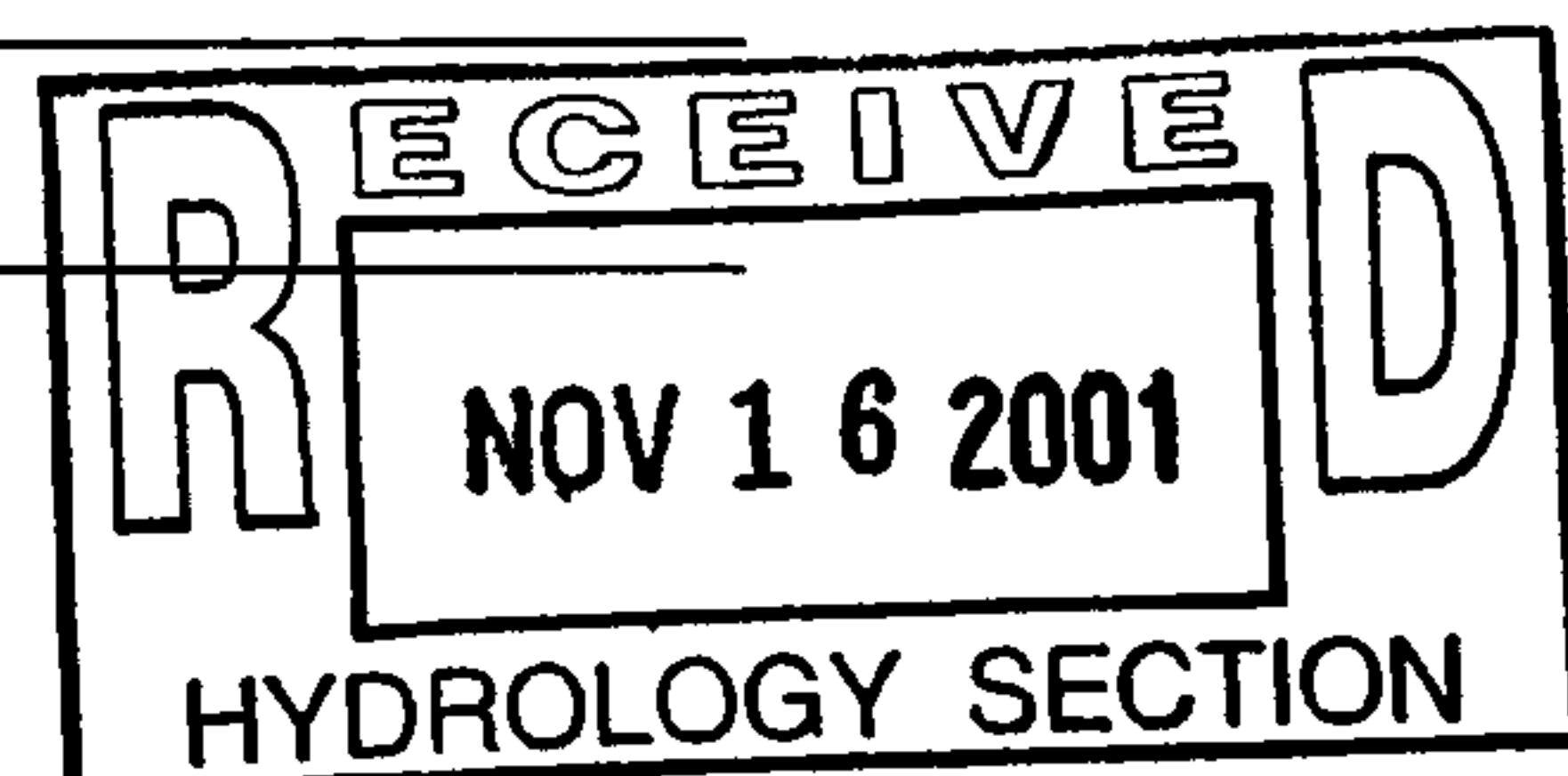
- ☐ YES
- ☐ NO
- ☐ COPY PROVIDED

CHECK TYPE OF APPROVAL SOUGHT:

- ☐ SKETCH PLAT APPROVAL
- ☐ PRELIMINARY PLAT APPROVAL
- ☐ S. DEV. PLAN FOR SUB'D APPROVAL
- ☐ S. DEV. PLAN FOR BLDG. PERMIT APPROVAL
- ☐ SECTOR PLAN APPROVAL
- ☐ FINAL PLAT APPROVAL
- ☐ FOUNDATION PERMIT APPROVAL
- ☐ BUILDING PERMIT APPROVAL
- ☒ CERTIFICATE OF OCCUPANCY APPROVAL
- ☐ GRADING PERMIT APPROVALS
- ☐ PAVING PERMIT APPROVAL
- ☐ S.A.B. DRAINAGE REPORT
- ☐ DRAINAGE REQUIREMENTS
- ☒ OTHER SO-19 (SPECIFY)

DATE SUBMITTED: November 16, 2001

BY: Jeffrey A. Peterson, EI



**City of Albuquerque**

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

November 1, 2000

Guy Jackson, P.E.
Ms. Nicole Losack
BPLW, Architects & Engineers, Inc.
6200 Uptown Blvd., Suite 400
Albuquerque, NM 87110

RE: GRADING & DRAINAGE PLAN FOR PUBLIC SERVICE COMPANY OF NEW MEXICO PARKING GARAGE, FIFTH STREET AND SILVER AVENUE (K-14/ D079)
ENGINEER'S STAMP DATED OCTOBER 26, 2000, SUBMITTED FOR BUILDING PERMIT AND SO 19 APPROVALS

Dear Mr. Jackson,

Based upon the information provided in your October 27, 2000, submittal, the project, referred to above, is approved for Building Permit. Please attach a copy of this approved plan to the construction sets prior to sign-off by Hydrology.

In addition, the submittal is approved for an SO 19 permit, which is required for construction within the city right-of-way.

Prior to release of the Certificate of Occupancy, an Engineer's Certification of the grading and drainage plan, per the DPM checklist, and a copy of the grading and drainage plan, with approval sign-off by the City's field inspector for the SO 19, will be required.

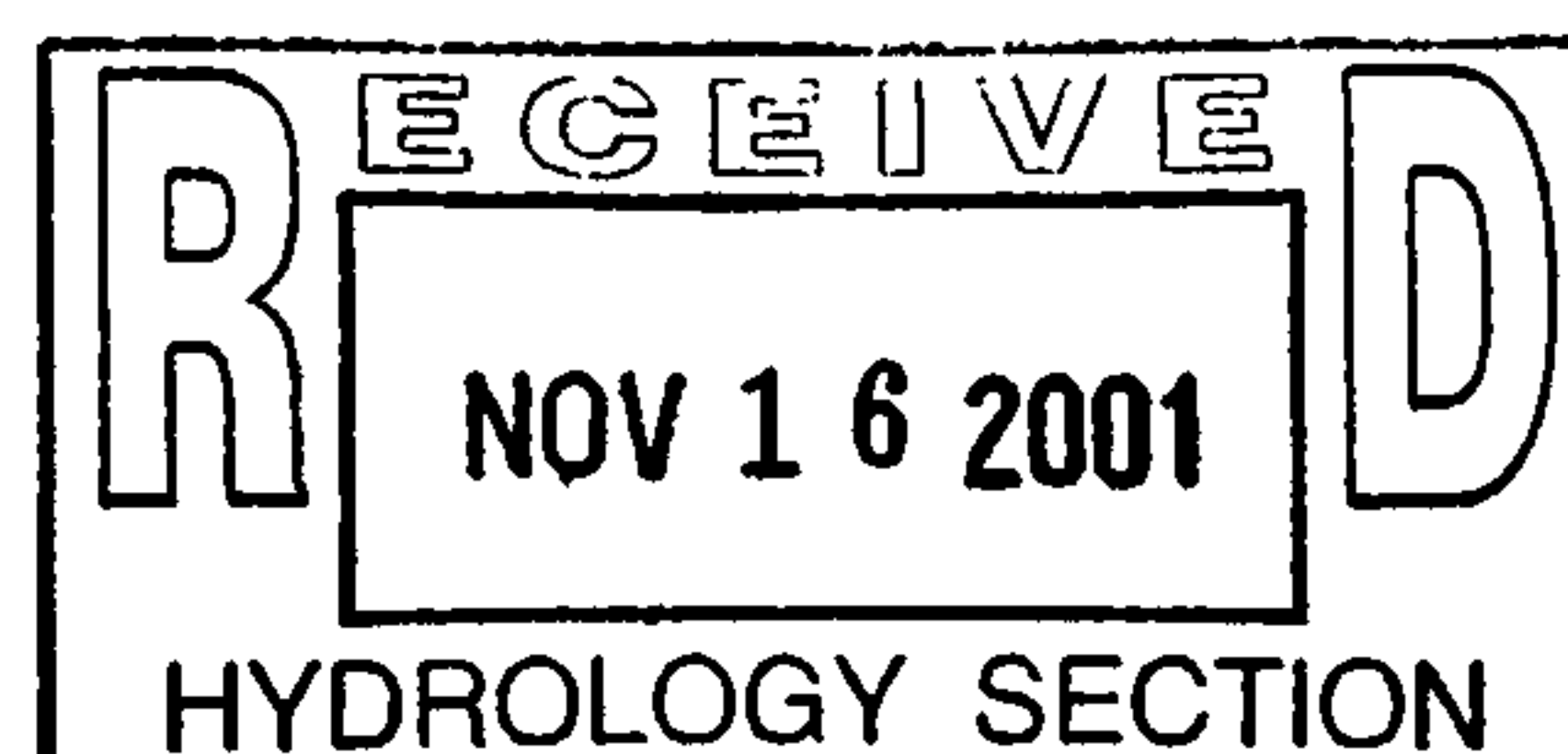
If you have any questions, please call me at 924-3988.

Sincerely,

Stuart Reeder, P.E.

Stuart Reeder, P.E.
Hydrology Division

xc: Pam Lujan, Permits w/attachment
Whitney Reiersen
File



Architects & Engineers, Inc.

6200 Uptown Blvd. NE
Suite 400
Albuquerque, New Mexico 87110
(505) 881-BPLW (2759)
FAX (505) 881-1230
web site: <http://www.bplw.com>

Officers

William L. Burns, AIA
Ronald L. Peters, AIA, AICP
Joseph D. Long, Emeritus, AIA, PE
Bill J. Waters, Emeritus, AIA
Charlie M. Otero, AIA
Eugene A. Valentine, AIA, CCS

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Carl W. Jordan, AIA
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Bruce A. Schneider, PE
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Pamela M. Lentini, PE
Tyler M. Mason, AIA, CCS
L. Fontaine Sanchez
Molly E. Smith, REFP
Jason M. Weaver, PE

November 16, 2001

Mr. Brad Bingham, PE
Hydrology Division
City of Albuquerque
Plaza Del Sol – 2nd Floor - West
600 2nd Street N.W.
Albuquerque, NM 87103

Re: Engineer's Certification – PNM Parking Garage

Dear Mr. Bingham:

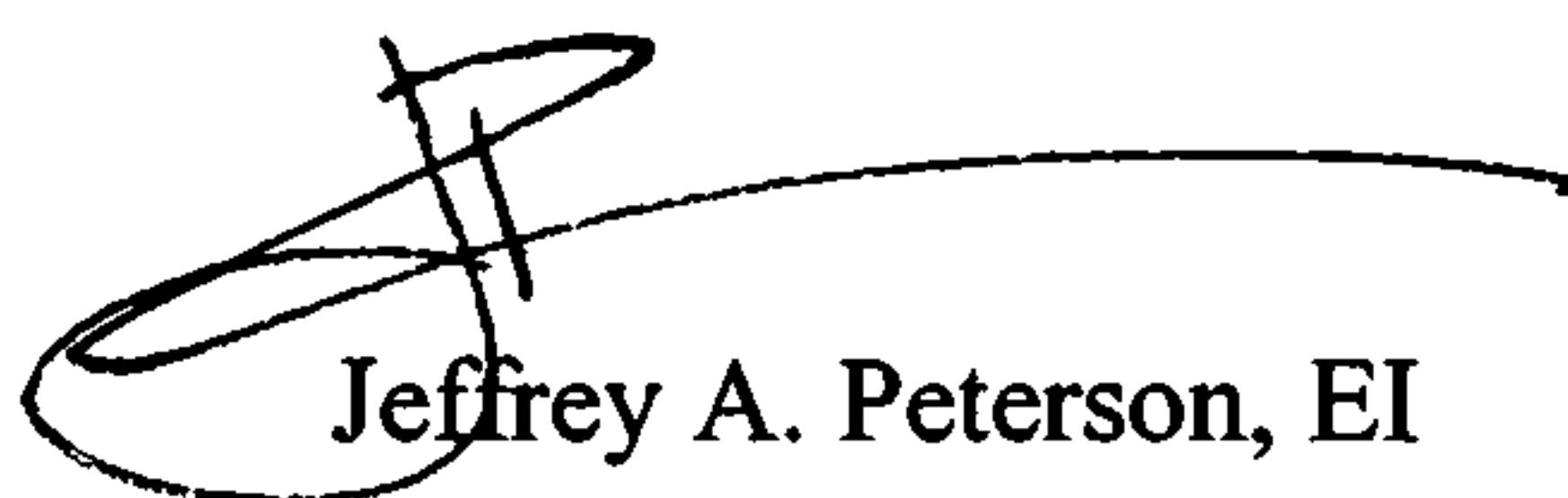
Transmitted herewith, in support of the issuance of a Certificate of Occupancy, are the following items concerning the subject project:

- 2- Blueline Drawings with "As-Constructed" data –
(Engineer's Stamp Date 10/26/01; Engineer's Cert. Date 11/16/01)
- 1 - Copy of Hydrology Approval Letter signed by Mr. Stuart Reeder
- 1- Drainage Information Sheet

Should you have any questions or comments, please do not hesitate to contact me.

Sincerely,

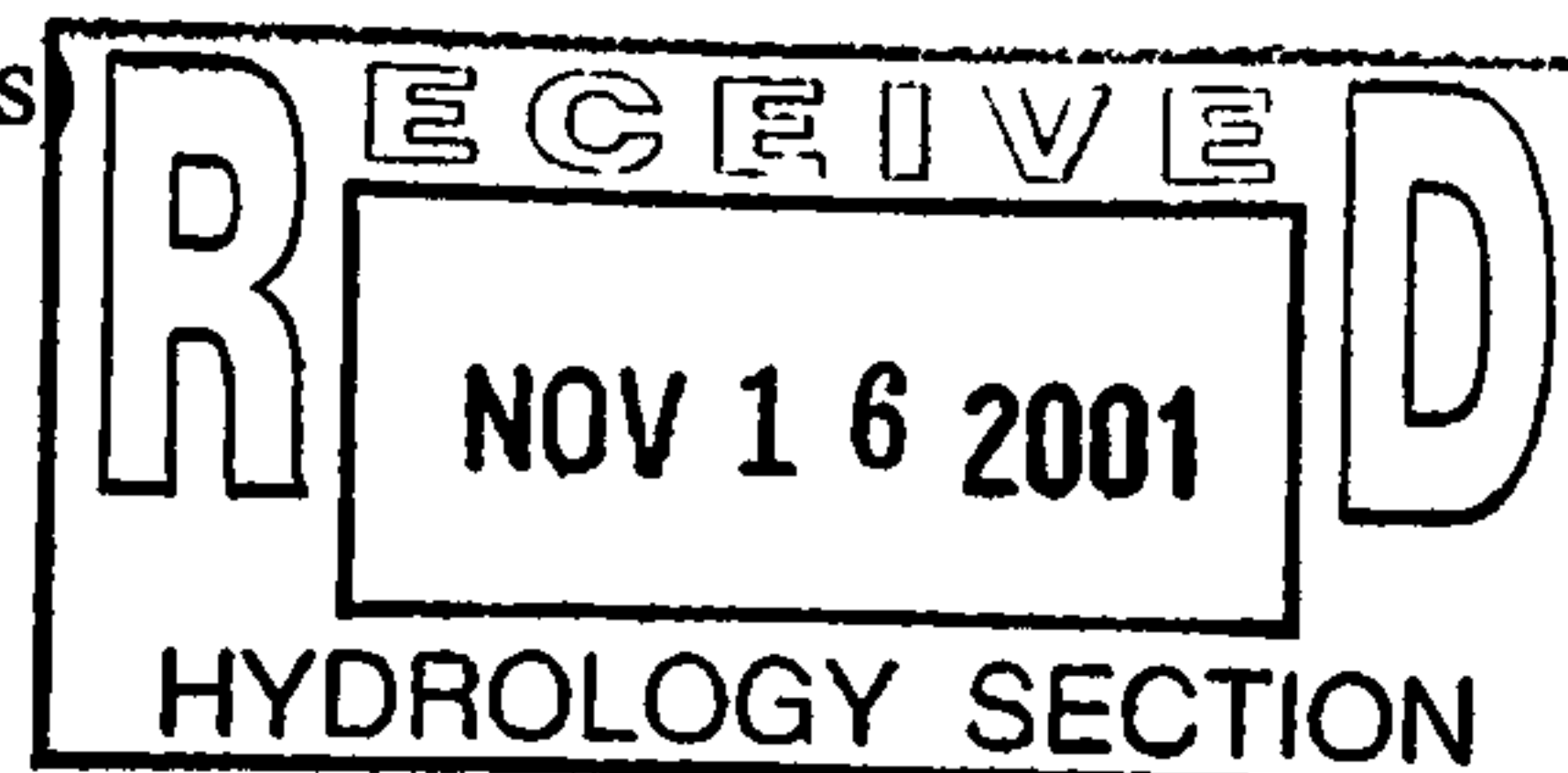
BPLW ARCHITECTS & ENGINEERS, INC.



Jeffrey A. Peterson, EI

Cc:

Isidro Velez, Jaynes Corp. (w/ enclosures)
Guy Jackson, (w/o enclosures)
Edward Aragon (w/o enclosures)



DEVELOPMENT & BUILDING SERVICE CENTER
ONE STOP

600 SECOND ST. N.W./2ND FLOOR
ATTENTION: JOHN MURRAY
505-924-3900

Records Withdrawal Form

Project No. 2000703

Date: 10/2/01

Project Title: PNM PARKING GARAGE

a. File b. Mylars c. Redlines/Comments
d. Other VELLUM C2.0

Requested By: RHOMBUS Phone No.: 881-6690
Company

Comments: FOR S.O. 19 SIGNATURE AND
AS-BUILT CERTIFICATION

Anticipated Return Date: 10/5/01

Receipt Acknowledged

I here by accept full responsibility for the security of the above noted records/plans until return receipt acknowledgement is completed. Records/plans will be returned to the Development & Building Services Center on or before the indicated anticipated return date.

Delivery Picked Up By:

Name: CELIA TOMLINSON Organization: RHOMBUS
Print

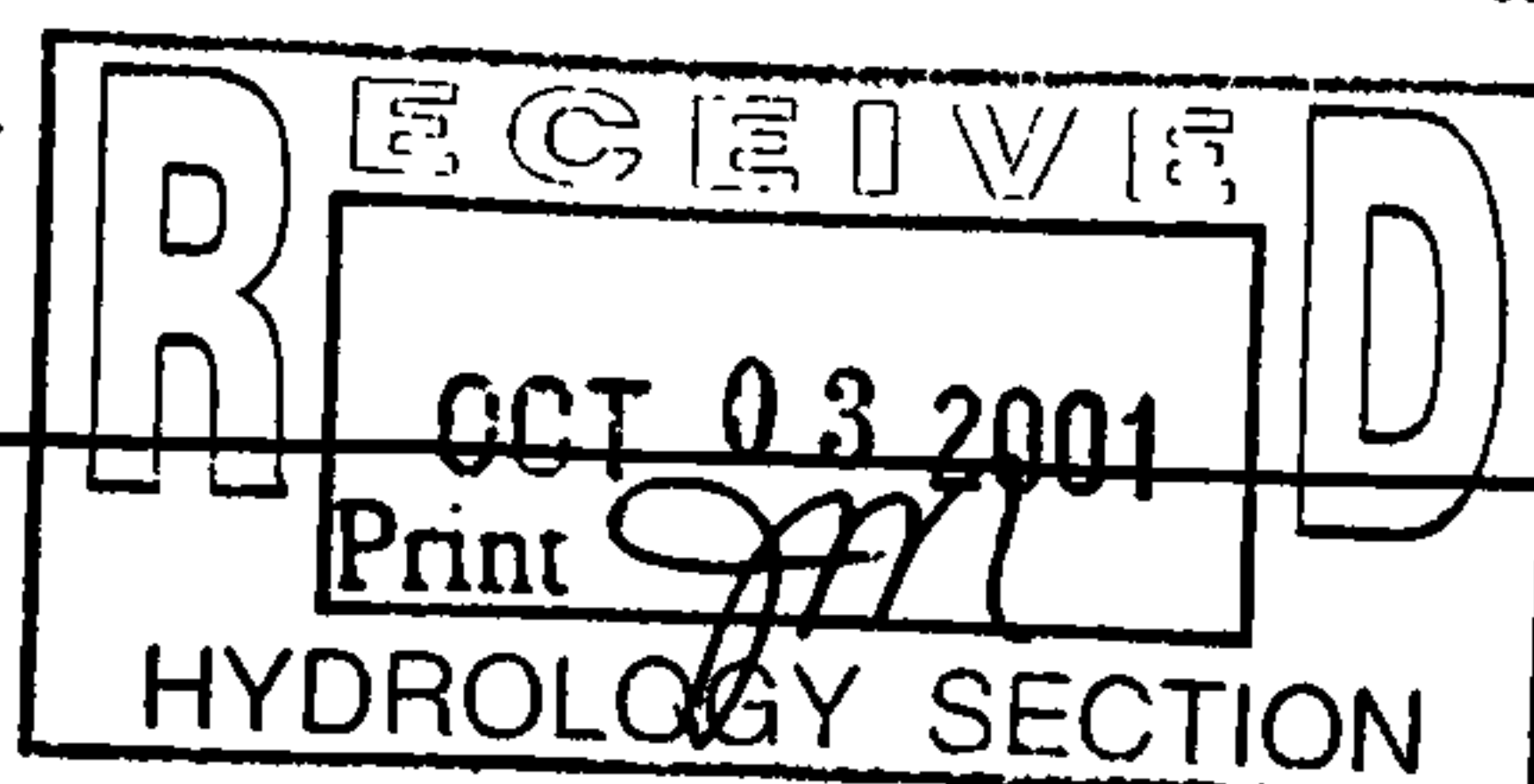
Signed: Celia Tomlinson
Phone No. 881-6690

Date: 10/2/01

Office Use Only

Return Acknowledged

Received by: _____



Date: _____

**DEVELOPMENT & BUILDING SERVICE CENTER
ONE STOP**

600 SECOND ST. N.W./2ND FLOOR

ATTENTION: _____
505-924-3900

Records Withdrawal Form

Project No. K14/D079 Date: 12-19-00

Project Title: PNN Parking Garage

a. File b. Mylars c. Redlines/Comments
☒ d. Other Grading Plan

Requested By: BPLW Phone No.: 880-9670
Company

Comments: Need 3 copies of approved
plan (for records & permit)

Anticipated Return Date: 12-19-00

Receipt Acknowledged

I here by accept full responsibility for the security of the above noted records/plans until return receipt acknowledgement is completed. Records/plans will be returned to the Development & Building Services Center on or before the indicated anticipated return date.

Delivery Picked Up By:

Name: MIKE MARTIN
Print

Organization: ENESAF

Signed: M. Martin
Phone No. 262 2046

Date: DEC 19 2000

Return Acknowledged

Received by: AV

Office-Use-Only

R	DEC 20 2000	D
HYDROLOGY SECTION		

Date: 12-20-2000

*** TX REPORT ***

TRANSMISSION OK

TX/RX NO 3424
CONNECTION TEL 98809677
SUBADDRESS
CONNECTION ID
ST. TIME 12/14 17:03
USAGE T 00'45
PGS. 2
RESULT OK

City of Albuquerque
Public Works Department
505-924-3900 (main number)
505-924-3864 (fax number)
Development and Building Services (One Stop Shop)
Plaza Del Sol Building, 2nd Floor
600 2nd Street NW
Albuquerque, NM 87102

**City of Albuquerque
Public Works Dept.
Dev. & Bldg. Svcs.**

Fax

To: Mike, BPLU From: JP MORRAI

Fax: 880-9677 Pages Sent: (including this page) 2

Phone: _____ Date: _____

Time: _____

☐ Urgent ☐ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

Comments:

FYI, as discussed in Foucony
JP

City of Albuquerque
Public Works Department
505-924-3900 (main number)
505-924-3864 (fax number)
Development and Building Services (One Stop Shop)
Plaza Del Sol Building, 2nd Floor
600 2nd Street NW
Albuquerque, NM 87102



Fax

To: Mike, BPLU From: JP MORRA
Fax: 880-9677 Pages Sent: (including this page) 2
Phone: _____ Date: _____
Time: _____

☐ Urgent ☐ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

Comments: FYI, as discussed in Foucon,
JP



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

November 1, 2000

Guy Jackson, P.E.
Ms. Nicole Losack
BPLW, Architects & Engineers, Inc.
6200 Uptown Blvd., Suite 400
Albuquerque, NM 87110

RE: GRADING & DRAINAGE PLAN FOR PUBLIC SERVICE COMPANY OF NEW MEXICO PARKING GARAGE, FIFTH STREET AND SILVER AVENUE (K-14/ D079)
ENGINEER'S STAMP DATED OCTOBER 26, 2000, SUBMITTED FOR BUILDING PERMIT AND SO 19 APPROVALS

Dear Mr. Jackson,

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In addition, the submittal is approved for an SO 19 permit, which is required for construction within the city right-of-way.

Prior to release of the Certificate of Occupancy, an Engineer's Certification of the grading and drainage plan, per the DPM checklist, and a copy of the grading and drainage plan, with approval sign-off by the City's field inspector for the SO 19, will be required.

If you have any questions, please call me at 924-3988.

Sincerely,

Stuart Reeder, P.E.

Stuart Reeder, P.E.
Hydrology Division

xc: Pam Lujan, Permits w/attachment
Whitney Reiersen
✓File

Date: 10/27/00

ATTN: Stuart Reeder

PROJECT: (name, address)

PNM PARKING STRUCTURE

PROJECT NO: 2000703

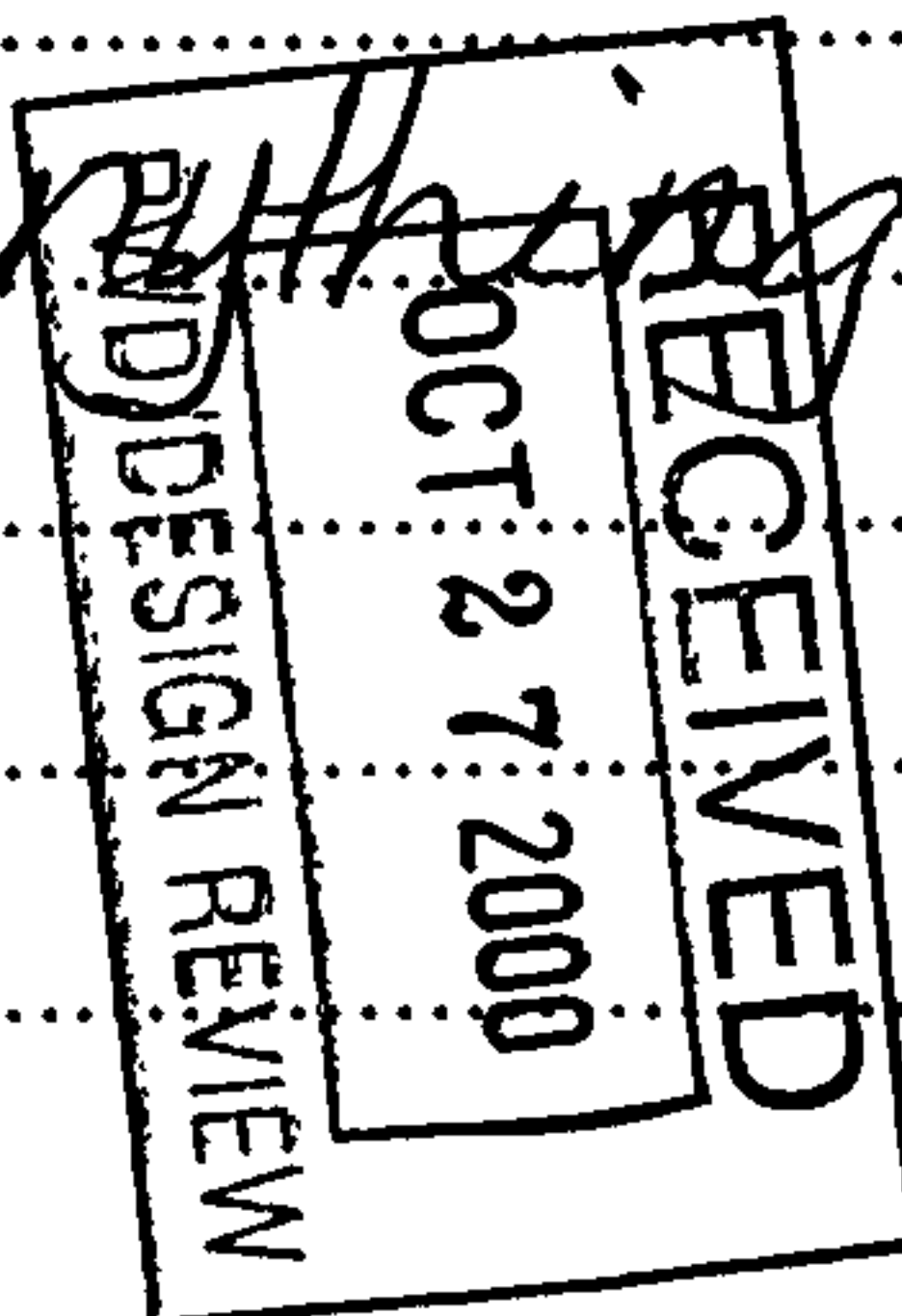
We Transmit the Following:

Copies	Date	Description
2	10-27-00	Grading Sheet - C2.0

If enclosures are not as noted, please inform us immediately

Remarks:

Here are the grading sheets showing the sidewalk culverts and the curb penetration. If you need anything else, let me know.



By Nicole M. Losack

Copies to:

BPLW



Architects & Engineers, Inc.

6200 Uptown Blvd NE, Suite 400
Albuquerque, New Mexico 87110
(505) 881-2759 FAX (505) 881-1230
e-mail: bplwnm@bplw.com
web address: www.bplw.com

49 West First Street, Suite 100
Mesa, Arizona 85201
(602) 827-BPLW (2759) FAX (602) 827-0386
e-mail: bplwaz@primenet.com
web address: www.bplw.com

2000 East Lamar, Suite 600
Arlington, Texas 76006
(817) 588-3036 FAX (817) 462-4036
e-mail: bplwarl@flash.net
web site: http://www.bplw.com

() Acknowledge receipt of enclosures.
() Return enclosures to us
() Via facsimile fax number _____
Original will be mailed:
() Yes () No

FIGURE 6
CITY OF ALBUQUERQUE
NOTICE OF D.R.C. MEETING
12/6/00
(DATE)

DRB NO: N/A
PROJECT NO: 653481
ZONE ATLAS: K-14

PROJECT NAME: PUM Parking Garage
LOCATION: 5th & Silver S.W.

TYPE OF PROJECT: AHBA ☐ CIP ☐ PWC ☐ SAD ☐ ALL PRIVATE ☐

Contact Person: Nicole M. Lasack Phone: 880-9670
Firm: BPLW Architects & Eng. Inc.

☒ Scheduled with the D.R.C. on 12/12/00 at 2:30pm Plaza Del Sol/2nd Fl.
☐ No DRC Meeting Scheduled. Please return any comments by _____

The Project Is Scheduled For:

/ / Design Report Review	<input checked="" type="checkbox"/> Final Plan Review
/ / Pre-Design Meeting	/ / Signoff of Plans
/ / Preliminary Plan Review	/ / _____

The Project Relates To:

☒ Water ☒ San. Sewer ☒ Paving ☒ Storm Drainage / / _____

The Attached Package Includes:

/D/ Drawings /S/ Spec's /E/ Estimate /R/ Report /M/ Memo Only

Indicated below are the Departments/Divisions that have received project documents and/or are invited to attend. It will be the Project Managers responsibility to notify consulting engineering firms of date and time of scheduled meetings.

<input checked="" type="checkbox"/> DRC Chairman	Project Review Section	All Drawings
<input checked="" type="checkbox"/> Traffic Repres.	Transportation Development	All Drawings
<input checked="" type="checkbox"/> Utility Dev.	Utility Design	All AHBA Drawings
/ / Utility Dev. (Billy G.)	Utility Design	All CIP Drawings
<input checked="" type="checkbox"/> Hydro Repres. B...	Hydrology	All Drawings
/ / Const. Repres. <u>MURPHY</u>	Construction	All Drawings
<input checked="" type="checkbox"/> Dave Harmon	Traffic Operations	All Drawings
/ / Sergio Miranda	Water (Shutoff Plan)	All Water Shutoff
/ / Parks Repres.	Parks & Recreation	ALL Landscaping
/ / Andre Houle	Street Maintenance	All Paving
/ / Kevin Broderick	Utility Coordinator	ALL PWC & CIP
/ / Tom Murphy	Transit Department	All Drawings
/ / Joe Luehring	Construction Coordinator	CIP/Memo
/ / Jim Fink	Line Maintenance	CIP & SAS/Memo
/ / George Gee	City Architect	Arch. Drawings
/ /	SAD Engineer	SAD/Memo
/ / Tom Ellis	Park Management	Parks/Community Ctrs/APS
/ / Gene Bustamante	General Services Dept.	Arch. Drawings
/ / Greg Smith	PWD/Legal	Specs Only
/ / Richard Sertich	Planning Department	CIP/Memos
/ / CIP Project Manager	CIP	CIP/Memos
/ / Donald Bartlett	Risk Management	Arch. Drawings
/ / _____	_____	_____
/ / _____	_____	_____

12/11
NEW (Revised)
G&D R
@ SAC 12/12
JH

FAX
880-9677
BPLW

ATTN: JOHN MURRAY

From: TWIG BRANCH

Re: INSPECTIONS T.G.I. FRIDAY
10001 COORS RD. N.W.

Please call me and let me know if
either of these are what you are
looking for.

THOMAS



792-3995

CODE ADMINISTRATION DIVISION
CITY OF ALBUQUERQUE, P.O. BOX 1293
MECHANICAL SECTION

Location 10001 COORS
Type of Inspection Storm Sewer
128-12 160-
Date 9/6/2000
Approved [Signature] Inspector
FORM B-20 P111201

CODE ADMINISTRATION DIVISION
CITY OF ALBUQUERQUE, P.O. BOX 1293
MECHANICAL SECTION

Location 10001 COORS
Type of Inspection 160'-10" x 15
Date 9/7/2000
Approved [Signature] Inspector
FORM B-20 P111201

DRAINAGE INFORMATION SHEET

PROJECT TITLE: PNM Parking Garage ZONE ATLAS/DRWG. FILE # K-14 / D079

DRB#: _____ EPC # _____ WORK ORDER # _____

LEGAL DESCRIPTION: Lots 13-20, Block 26, NM Town Company's Original Townsite

CITY ADDRESS: Northwest corner of Silver Ave. & 5th Street

ENGINEERING FIRM: BPLW CONTACT: Nicole Losack

ADDRESS: 6200 Uptown Blvd., Suite 400 PHONE: 880-9670

OWNER: Public Service Co. of New Mexico CONTACT: (See Engineer)

ADDRESS: (See Engineer) PHONE: (See Engineer)

ARCHITECT: BPLW CONTACT: Edward Aragon

ADDRESS: 6200 Uptown Blvd., Suite 400 PHONE: 881-2759

SURVEYOR: JMA CONTACT: Chuck Cala

ADDRESS: 6010B Midway Park Blvd. PHONE: 345-4250

CONTRACTOR: --- CONTACT: _____

ADDRESS: --- PHONE: _____

TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT
- ☒ DRAINAGE PLAN
- ☐ CONCEPTUAL GRADING & DRAINAGE PLAN
- ☒ GRADING PLAN
- ☐ EROSION CONTROL PLAN
- ☐ ENGINEER'S CERTIFICATION
- ☐ OTHER _____

PRE-DESIGN MEETING:

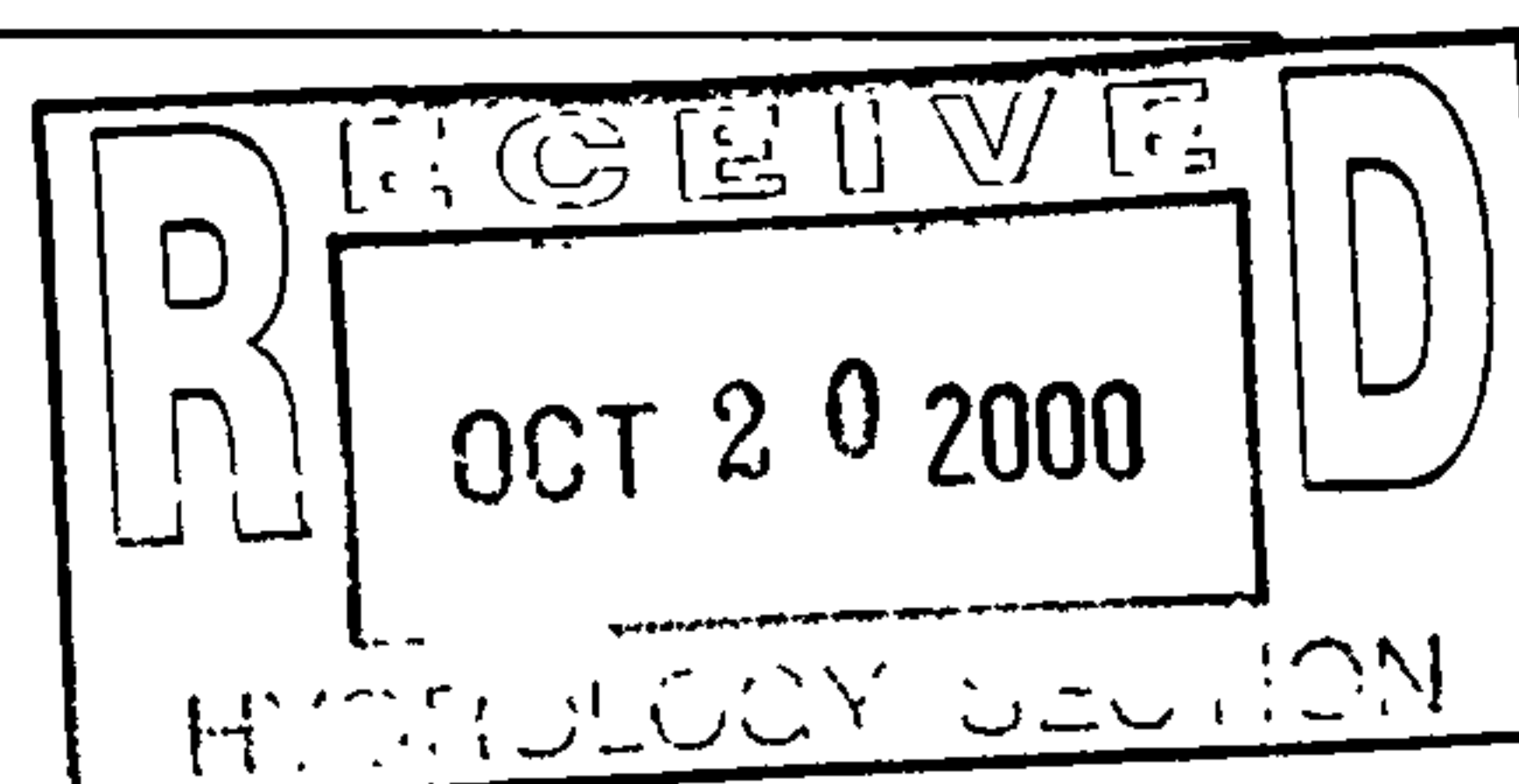
- ☐ YES
- ☐ NO
- ☐ COPY PROVIDED

CHECK TYPE OF APPROVAL SOUGHT:

- ☐ SKETCH PLAT APPROVAL
- ☐ PRELIMINARY PLAT APPROVAL
- ☐ S. DEV. PLAN FOR SUB'D APPROVAL
- ☐ S. DEV. PLAN FOR BLDG. PERMIT APPROVAL
- ☐ SECTOR PLAN APPROVAL
- ☐ FINAL PLAT APPROVAL
- ☐ FOUNDATION PERMIT APPROVAL
- ☒ BUILDING PERMIT APPROVAL
- ☐ CERTIFICATE OF OCCUPANCY APPROVAL
- ☐ GRADING PERMIT APPROVALS
- ☐ PAVING PERMIT APPROVAL
- ☐ S.A.B. DRAINAGE REPORT
- ☐ DRAINAGE REQUIREMENTS
- ☒ OTHER SO-19 (SPECIFY)

DATE SUBMITTED: October 16, 2000

BY: Nicole M. Losack



NEEDS LOCATION
OF PROPOSED S/W
CULVERTS FOR SO19.
CALLED 1530, 26 OCT;
THEY WILL PROVIDE.

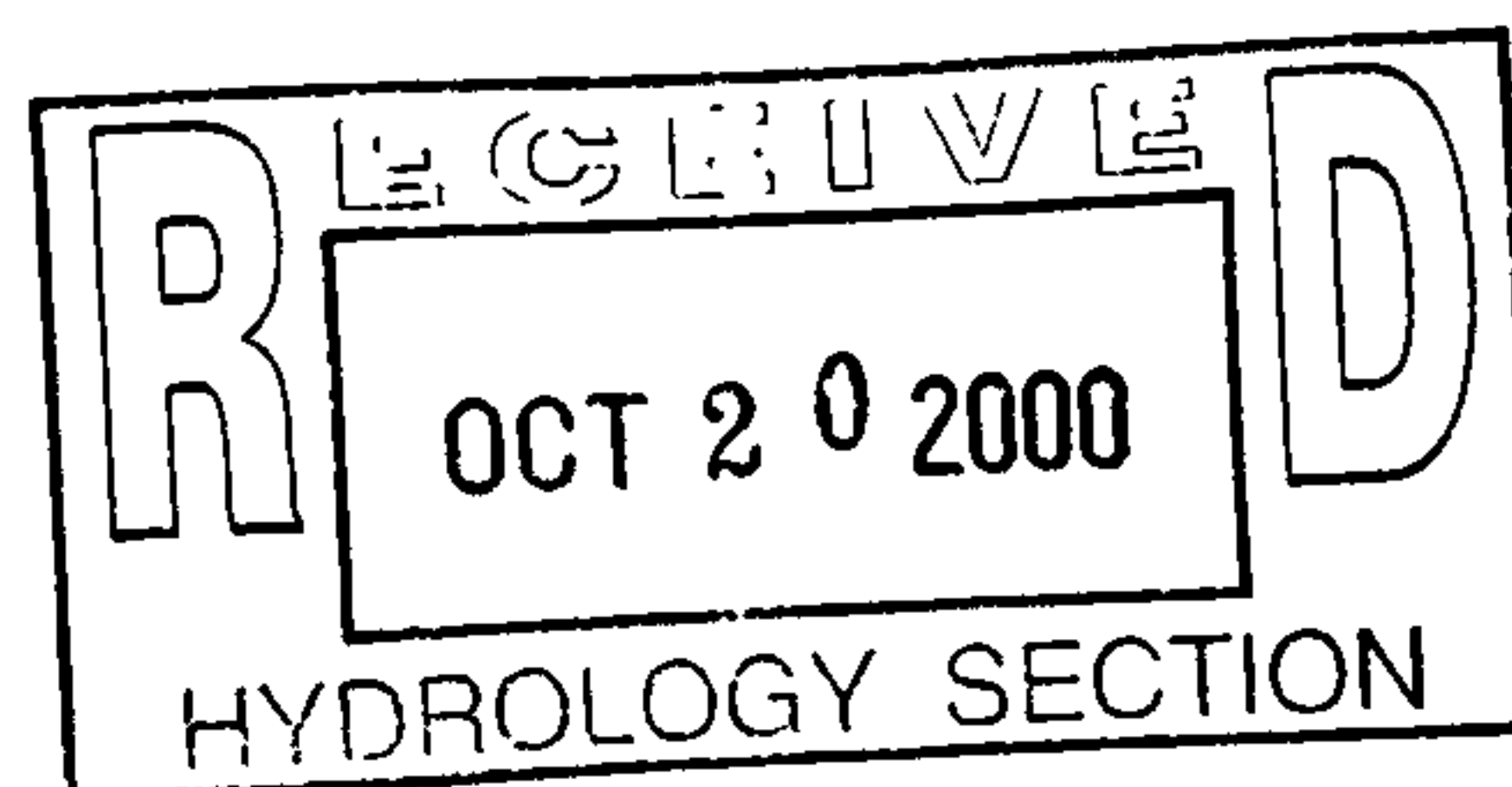
6872

PNM Parking Garage
5th Street & Silver Avenue, SW
Grading and Drainage Plan
(K-14)

BPLW Architects and Engineers



October 19, 2000



The following items pertaining to the PNM Parking Garage Drainage Plan are contained herein: 1) Vicinity Map; 2) Flood Hazard Map; 3) Calculations; & 4) Grading Plan

As shown by the Vicinity Map, the site lies in the northwest corner of Silver Avenue and 5th Street.

Per flood insurance rate map 334 of 825 for Bernalillo County, dated September 20, 1996, the site does not lie within a flood hazard zone area. The nearest flood zone, Zone X, is located two blocks west of the site (7th Street).

The grading plan shows existing and proposed spot elevations, limit and character of the proposed improvements. As shown by this plan, the proposed construction consists of a parking garage, an associated entrance, alley, and sidewalk improvements.

Existing Conditions:

As shown by the Vicinity Map, the 0.75-acre site contains lots 13 through 20 of block 26 of the New Mexico Town Company's Original Townsite. This area is currently in the process of being re-platted by Jeff Mortensen & Associates. The Property is bounded on the east by 5th Street, on the south by Silver Ave., on the north by an existing alley, and on the west by commercial property. The existing site drainage can be characterized by three basins, which are described as follows:

- The majority of the site consists of various structures and an associated asphalt parking lot of which are currently being removed. The discharge for this area is through sheet flow which eventually flows east and south and then collects in the COA storm drainage line that drains west along Silver Ave. (Basin Ex1)
- The remainder of the site consists of the sidewalks which discharge into their adjacent streets (5th Street & Silver Avenue) through means of sheet flow. (Basins Ex2 & Ex3)
- There are no offsite flows entering the site.

The grading plan shows that the site varies little across its length in elevation. There is approximately 1 ft drop in elevation change from east to west and less than 1 ft difference from north to south.

Proposed Conditions:

In the proposed condition, the entire site will continue to drain into the storm drain system that runs the length of Silver Ave. Since the proposed construction doesn't change drainage patterns nor land treatment, the drainage basins will remain the same. The changes to discharge points are as follows (which is still within the same basins as mentioned prior):

- The developed flows from the proposed parking structure will gravity drain via roof drainage piping into proposed curb penetrations located on the southeastern area of

the site. The discharge will be into 5th Street and will be collected by a drop inlet located on 5th Street at the northwest corner of the intersection. (Basin Pro1)

- Developed flows from the sidewalks will continue to discharge into 5th Street & Silver Avenue as in the historical case. (Basins Pro2 & Pro3)
- There are no offsite flows entering the site.

To summarize, the south and east property lines are at the back of the sidewalk, which face Silver Avenue and 5th Street, which are fully developed streets that are topographically lower than the site. To the west is lot 12, which drains toward Silver Avenue, thereby not entering the site. Flows traveling through the alley, located to the north of the site, will continue to be allowed to flow along its centerline and into 5th Street.

Conclusions:

The calculations contained in this report analyze the developed conditions for the 100-yr 6-hour rainfall event. The procedure for the 40 acre or smaller basins set by section 22.2 Hydrology of the Development Process Manual, Volume 2, Design Criteria, Dated January 1993, has been used to quantify the peak rate of discharge and volume of runoff generated. There will be no change in discharge rate and volume for this project.

Drainage Summary

Drainage Summary

Project: PNM Parking Garage
Project Number: 2000703
Date: 9/30/00
By: Nicole Losack

Site Location

Precipitation Zone 2 Per Table A-1 COA DPM Section 22.2

Existing summary

Basin Name	Ex1	Ex2	Ex3
Soil Treatment (acres)			
Area "A"	0.00	0.00	0.00
Area "B"	0.00	0.00	0.00
Area "C"	0.00	0.00	0.00
Area "D"	0.65	0.04	0.06
Excess Runoff (acre-feet)			
100yr. 6hr.	0.1148	0.0071	0.0106
10yr. 6hr.	0.0726	0.0045	0.0067
2yr. 6hr.	0.0428	0.0026	0.0040
100yr. 24hr.	0.1365	0.0084	0.0126
Peak Discharge (cfs)			
100 yr.	3.06	0.19	0.28
10yr.	2.04	0.13	0.19
2yr.	1.21	0.07	0.11

Proposed summary

Basin Name	Pro 1	Pro 2	Pro 3
Soil Treatment (acres)			
Area "A"	0.00	0.00	0.00
Area "B"	0.00	0.00	0.00
Area "C"	0.00	0.00	0.00
Area "D"	0.65	0.04	0.06
Excess Runoff (acre-feet)			
100yr. 6hr.	0.1148	0.0071	0.0106
10yr. 6hr.	0.0726	0.0045	0.0067
2yr. 6hr.	0.0428	0.0026	0.0040
100yr. 24hr.	0.1365	0.0084	0.0126
Peak Discharge (cfs)			
100 yr.	3.06	0.19	0.28
10yr.	2.04	0.13	0.19
2yr.	1.21	0.07	0.11

BPLW

Architects and Engineers

PROJECT **PNM Parking Garage**
 PROJECT NO. **2000703**
 DATE **9/30/00**
 BY **Nicole Losack**

DPM Section 22.2 - Hydrology

Part A-Watersheds less than 40 acres.

January, 1993

INSTRUCTIONS

- * Spread sheet requires three input areas (dark cells):
 Location
 >A.1 Precipitation Zone
 >A.3 Land Treaments
- * Values from the tables are automatically placed using "if" statements.
- * Table values should be checked for correctness for each use.

SUMMARY

Location	Ex1		
Precipitation Zone		2	
Land Area		0.65	acres
Excess Precipitation Volume			
>>> 100-year 6-hour (design)		0.11	acre-ft.
10-year 6-hour		0.07	acre-ft.
2-year 6-hour		0.04	acre-ft.
100-year 24-hour		0.14	acre-ft.
Peak Discharge Rates (DPM)			
>>> Q100 (design)		3.06	cfs
Q10		2.04	cfs
Q2		1.21	cfs
Peak Discharge Rates (DPM-Rational Method)			
>>> Q100 (design)		3.05	cfs
Q10		2.04	cfs
Q2		1.21	cfs

CALCULATIONS FOLLOW

Existing hyd.

INPUT AND CALCULATIONS

LOCATION			Ex1
>A.1 PRECIPITATION ZONE (from Table A-1)			2
>A.2 DEPTHS			
(from Table A-2)			
100-YEAR STORM (P60)	2.01	inches	
100-YEAR STORM (P360)	2.35	inches	
100-YEAR STORM (P1440)	2.75	inches	
10-YEAR (P360) (Calculated: P360*RPF10)	1.57	inches	
2-YEAR (P360) (Calculated: P360*RPF2)	1.02	inches	
>A.3 LAND TREATMENTS (Ai)			
Treatment A	0.00	acres	
Treatment B	0.00	acres	
Treatment C	0.00	acres	
Treatment D	0.65	acres	

Total Area	0.65	acres	
	=====		
>A.4 ABSTRACTIONS		See A.5	

CALCULATIONS FOLLOW

Existing hyd.

INPUT AND CALCULATIONS (CON'T)

>A.5 EXCESS PRECIPITATION 6 HOUR AND 24 HOUR (Ei)			
from Table A-8			
100-year 6-hour			
Treatment A	0.53	inches	
Treatment B	0.78	inches	
Treatment C	1.13	inches	
Treatment D	2.12	inches	

WEIGHTED E (Sum Ei*Ai/A)	2.12	inches	

VOLUME V100:6h (E*A)	0.11	acre-ft.	
	5,002.14	ft^3	
	=====		
10-year 6-hour			
Treatment A	0.13	inches	
Treatment B	0.28	inches	
Treatment C	0.52	inches	
Treatment D	1.34	inches	

WEIGHTED E (Sum Ei*Ai/A)	1.34	inches	

VOLUME V10:6h (E*A)	0.07	acre-ft.	
	3,161.73	ft^3	
	=====		
2-year 6-hour			
Treatment A	0.00	inches	
Treatment B	0.02	inches	
Treatment C	0.15	inches	
Treatment D	0.79	inches	

WEIGHTED E (Sum Ei*Ai/A)	0.79	inches	

VOLUME V2:6h (E*A)	0.04	acre-ft.	
	1,864.01	ft^3	
	=====		
100-year 24-hour			
VOLUME V100:24h			
(V100-6h+Ad*P1440-P360)/12)	0.14	acre-ft.	
	5,945.94	ft^3	
	=====		

CALCULATIONS FOLLOW

Existing hyd.

INPUT AND CALCULATIONS (CON'T)

>A.6 PEAK DISCHARGE RATE FOR SMALL WATERSHEDS (Qi) from Table A-9			
100-year			
Treatment A	1.56	cfs/acre	
Treatment B	2.28	cfs/acre	
Treatment C	3.14	cfs/acre	
Treatment D	4.70	cfs/acre	

Q100 (Sum Qi*Ai)	3.06	cfs	
	=====		
10-year			
Treatment A	0.38	cfs/acre	
Treatment B	0.95	cfs/acre	
Treatment C	1.71	cfs/acre	
Treatment D	3.14	cfs/acre	

Q10 (Sum Qi*Ai)	2.04	cfs	
	=====		
2-year			
Treatment A	0.00	cfs/acre	
Treatment B	0.08	cfs/acre	
Treatment C	0.60	cfs/acre	
Treatment D	1.86	cfs/acre	

Q2 (Sum Qi*Ai)	1.21	cfs	
	=====		

CALCULATIONS FOLLOW

Existing hyd.

RATIONAL METHOD

PEAK INTENSITY (in/hr at $t_c=0.2$ hour) from Table A-10			
Peak Intensity (I) 100-year	5.05		
Peak Intensity (I) 10-year	3.41		
Peak Intensity (I) 2-year	2.04		
RATIONAL METHOD COEFFICIENT, C from Table A-11			
100-year			
Treatment A	0.31	cfs/acre	
Treatment B	0.45	cfs/acre	
Treatment C	0.62	cfs/acre	
Treatment D	0.93	cfs/acre	
Q100 (Sum $Q_i \cdot I \cdot A_i$)	3.05	cfs	
10-year			
Treatment A	0.11	cfs/acre	
Treatment B	0.28	cfs/acre	
Treatment C	0.50	cfs/acre	
Treatment D	0.92	cfs/acre	
Q10 (Sum $Q_i \cdot I \cdot A_i$)	2.04	cfs	
2-year			
Treatment A	0.00	cfs/acre	
Treatment B	0.04	cfs/acre	
Treatment C	0.29	cfs/acre	
Treatment D	0.91	cfs/acre	
Q2 (Sum $Q_i \cdot I \cdot A_i$)	1.21	cfs	



BPLW

Architects and Engineers

PROJECT PNM Parking Garage
PROJECT NO. 2000703
DATE 9/30/00
BY Nicole Losack

DPM Section 22.2 - Hydrology

Part A-Watersheds less than 40 acres.
January, 1993

INSTRUCTIONS

- * Spread sheet requires three input areas (dark cells):
 - Location
 - >A.1 Precipitation Zone
 - >A.3 Land Treaments
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SUMMARY

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Peak Discharge Rates (DPM)			
>>> Q100 (design)		3.06	cfs
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Q2		1.21	cfs
Peak Discharge Rates (DPM-Rational Method)			
>>> Q100 (design)		3.05	cfs
Q10		2.04	cfs
Q2		1.21	cfs

CALCULATIONS FOLLOW

INPUT AND CALCULATIONS

LOCATION		Pro 1	
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>A.2 DEPTHS			
(from Table A-2)			
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Treatment A	0.00	acres	
Treatment B	0.00	acres	
Treatment C	0.00	acres	
Treatment D	0.65	acres	

Total Area	0.65	acres	
	=====		
>A.4 ABSTRACTIONS		See A.5	
CALCULATIONS FOLLOW			

CALCULATIONS FOLLOW

INPUT AND CALCULATIONS (CON'T)

>A.5 EXCESS PRECIPITATION 6 HOUR AND 24 HOUR (Ei)		
from Table A-8		
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Treatment B	0.78	inches
Treatment C	1.13	inches
Treatment D	2.12	inches

WEIGHTED E (Sum Ei*Ai/A)	2.12	inches

VOLUME V100:6h (E*A)	0.11	acre-ft.
	5,002.14	ft^3
=====		
10-year 6-hour		
Treatment A	0.13	inches
Treatment B	0.28	inches
Treatment C	0.52	inches
Treatment D	1.34	inches

WEIGHTED E (Sum Ei*Ai/A)	1.34	inches

VOLUME V10:6h (E*A)	0.07	acre-ft.
	3,161.73	ft^3
=====		
2-year 6-hour		
Treatment A	0.00	inches
Treatment B	0.02	inches
Treatment C	0.15	inches
Treatment D	0.79	inches

WEIGHTED E (Sum Ei*Ai/A)	0.79	inches

VOLUME V2:6h (E*A)	0.04	acre-ft.
	1,864.01	ft^3
=====		
100-year 24-hour		
VOLUME V100:24h		
(V100-6h+Ad*P1440-P360)/12)	0.14	acre-ft.
	5,945.94	ft^3
=====		

CALCULATIONS FOLLOW

INPUT AND CALCULATIONS (CON'T)

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	=====	
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CALCULATIONS FOLLOW

RATIONAL METHOD

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