

November 21, 2006

Mr. John MacKenzie, PE
MARK GOODWIN & ASSOCIATES
P.O. Box 90606
Albuquerque, NM 87199

Re:

**DWIGHT'S GLASS** 

4501 Alameda Blvd. NE

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

Engineer's Stamp dated 05/19/2006 (C=17/D2A17)?

Certification dated 11/20/2006

P.O. Box 1293

Dear John:

Based upon the information provided in your submittal received 11/21/2006, the above referenced certification is approved for release of Permanent Certificate of Occupancy by Hydrology.

Albuquerque

Hydrology.

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

New Mexico 87103

www.cabq.gov

Sincerely,

Arlene V. Portillo

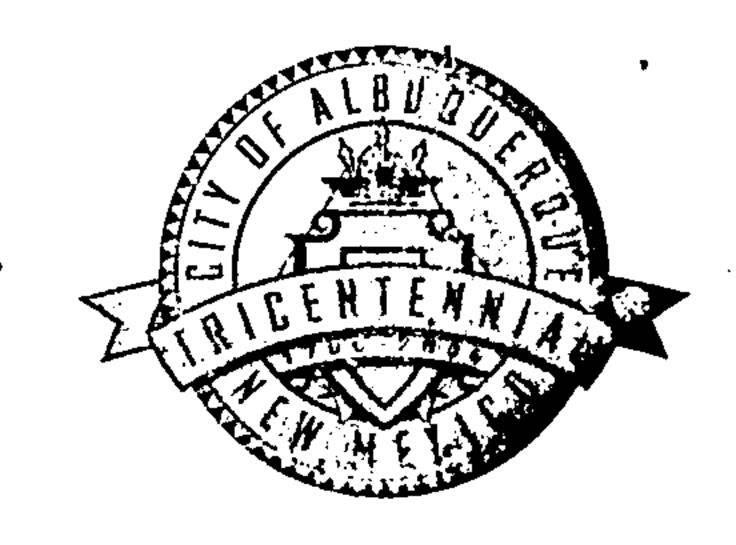
Plan Reviewer, Planning Dept.-Hydrology

Ulen V. Portello

Development and Building Services

C:

CO Clerk File



May 30, 2006

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

Re: Dwight's Glass Grading and Drainage Plan Engineer's Stamp dated 5-19-06 (C17/D2A17)

Dear Mr. MacKenzie,

P.O. Box 1293

Based upon the information provided in your submittal dated 5-23-06, the above referenced plan is approved for Grading Permit and Building Permit. Please attach a copy of this approved plan to the construction sets prior to sign-off by Hydrology.

Albuquerque

This project requires a National Pollutant Discharge Elimination System (NPDES) permit. If you have any questions feel free to call the Municipal Development Department Hydrology Section at 768-3654 (Charles Caruso).

New Mexico 87103

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

www.cabq.gov

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

Sincerely,

Curtis A. Cherne, E.I.

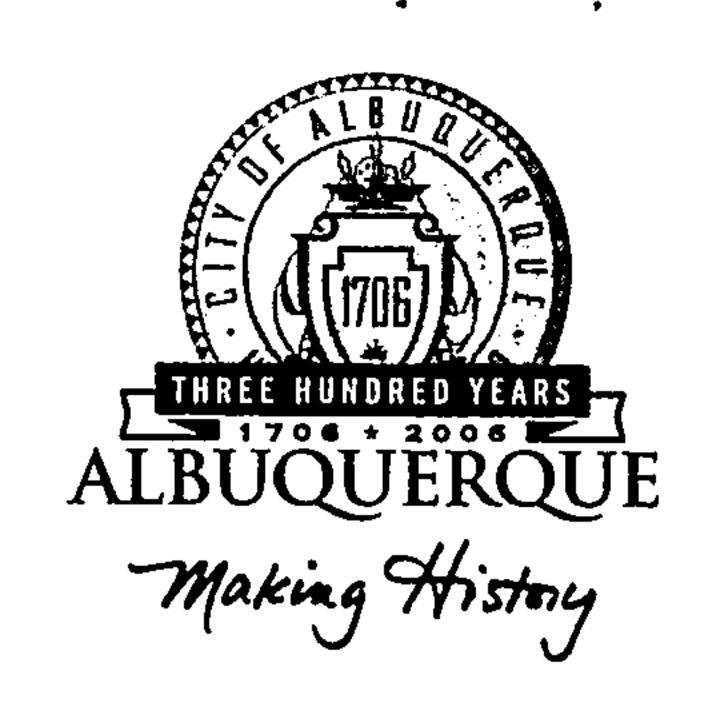
Curter O. Cher

Engineering Associate, Planning Dept. Development and Building Services

dis

C: file

Charles Caruso, DMD



October 13, 2005

John M. McKenzie, P.E. Mark Goodwin & Associates PO Box 90606 Albuquerque, NM 87199

Re: Dwights Glass Warehouse, 4501 Alameda Blvd NE,

Grading and Drainage Plan

Engineer's Stamp dated 9-26-05 (C17-D2A17)

Dear Mr. McKenzie,

Based upon the information provided in your submittal received 10-12-05, the above referenced plan is approved for Site Development Plan for Building, Building Permit and Grading Permit.

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 DMD Storm Drainage Design section at 768-3654 (Charles Caruso).

New Mexico 87103

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

www.cabq.gov -

Sincerely,

Rudy E. Rael Associate Engineer

Planning Department.

Development and Building Services

C: Charles Caruso

CC: File

## DRAINAGE REPORT for Dwight's Glass Office/Warehouse

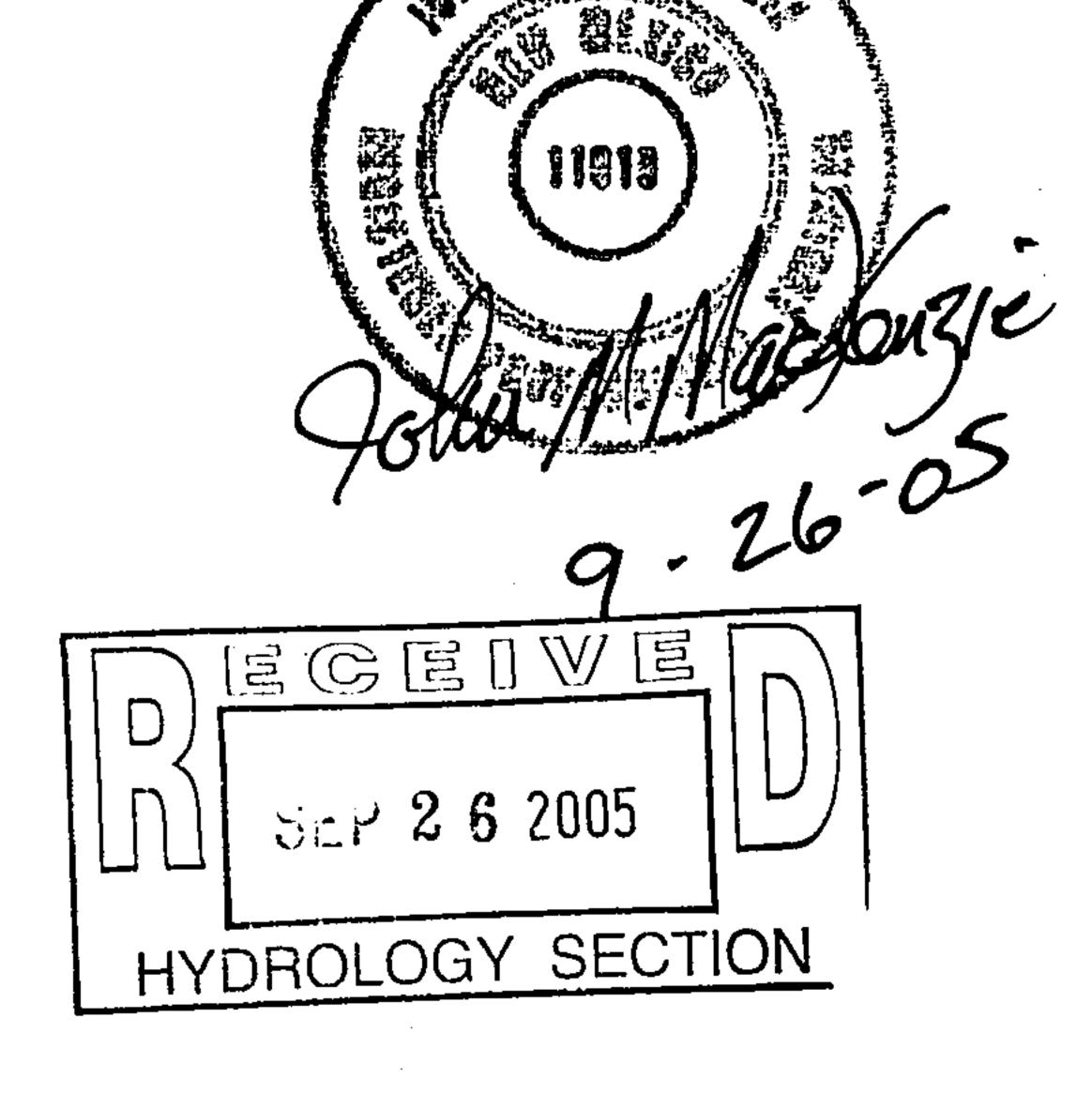
Prepared for

DWIGHT'S GLASS & MIRROR 4602 Lomas Blvd NE Albuquerque, NM 87110

Prepared by

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

September, 2005



A05015\Dwight's Glass\Drainage Report

### I. PROJECT DESCRIPTION

The proposed site area comprises approximately 2.1 acres (1.1 acres for the office-warehouse building and about 1 acre remaining for future development) and is located on the NE corner of the intersection of Washington St. N.E and Alameda Blvd. N.E. The current legal description of the site is Lots 1 and 2 of the Richfield Park Subdivision.

The purpose of this report is to present the drainage management plan for the new office-warehouse building in order to obtain Grading and Drainage Plan approval for Building Permit and Conceptual Grading and Drainage Plan for Site Development Plan for Building Permit. 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)=2.22"and P(24 hr) = 2.55", obtained from the latest NOAA Precipitation Atlas. The on-site land treatment values used were type B=14% and D=86% for Basin A (Office/Warehouse) and B=15% and D=85% for Basin B (Future Development). AHYMO printouts are provided in Appendix A.

### III. EXISTING DRAINAGE CONDITION

The site presently consists of undeveloped land covered by native vegetation and open areas of the native sandy surface. Slope is predominantly toward the west. An existing asphalt drainage channel runs along the north side of the site. At the present time there is no offsite runoff entering the undeveloped portion of the site, although the north drainage channel does convey developed runoff to Washington Street from a property to the east. This channel exists within a private easement that was created with the original subdivision to drain the existing lots along Alameda Blvd. This channel conveys only private runoff.

Capacity"

### IV. DEVELOPED DRAINAGE CONDITIONS

The total developed conditions flow from this site covering both lots is 7.36 cfs. The initial grading and drainage plan will act as a Master Grading and Drainage Plan for both the current and future development. As a result, we are proposing to split the site into 2 basins. According to AHYMO the individual basin flows generated within the site during the 100-year storm are 3.92 cfs for Basin1 (Office and Warehouse) and 3.44 cfs for Basin 2 (Future Development). Both Basins 1 and 2 are to discharge into a new paved driveway along the north side of the office warehouse site. The south paved part of the existing concrete and asphalt drainage channel will be removed to facilitate a smooth transition into adjacent grades along the north side of the new office/warehouse building.

### 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.

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5	0.28	0.43	0.53	0.72	0.89	1.04	1.09	1.25	1.36	1.50	1.66	1.98	2.21	2.42	2.99	3.50	4.22	4.86
10	0.34	0.51	0.64	0.86	1.06	1.24	1.30	1.47	1.58	1.74	1.93	2.27	2.51	2.77	3.38	3.94	4.70	5.42
25	0.41	0.63	0.78	1.04	1.29	1.52	1.58	1.76	1.88	2.07	2.28	2.65	2.92	3.23	3.89	4.48	5.29	6.09
50	0.47	0.71	0.88	1.19	1.47	1.73	1.80	1.99	2.10	2.31	2.54	2.95	3.22	3.58	4.25	4.86	5.68	6.54
100	0.53	0.80	0.99	1.34	1.65	1.96	2.03	2.22	2.33	2.55	2.81	3.25	3.52	3.92	4.61	5.23	6.04	6.96
200	0.59	0.89	1.11	1.49	1.85	2.19	2.26	2.45	2.56	2.80	3.08	3.54	3.81	4.26	4.94	5.57	6.34	7.32
500	0.67	1.01	1.26	1.70	2.10	2.50	2.58	2.77	2.86	3.12	3.43	3.94	4.19	4.70	5.35	5.97	6.68	7.73
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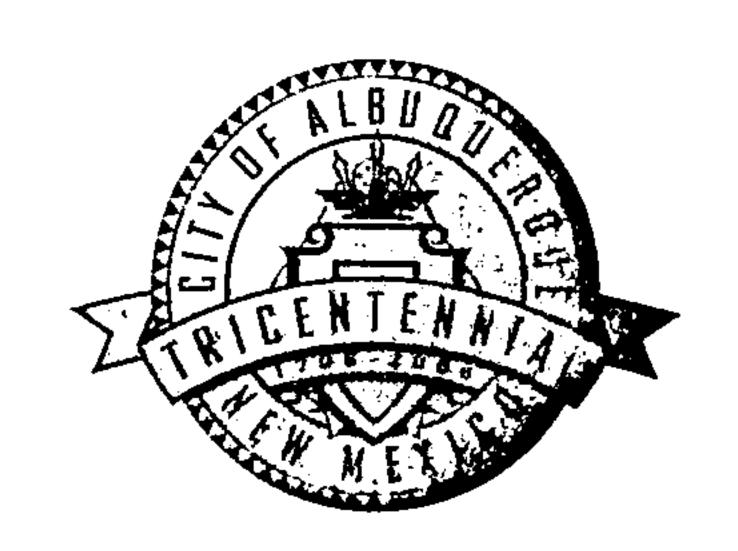
# 100.20 HYDROGRAPH

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10:33:13 (HR:MIN:SEC)



### Planning Department Transportation Development Services Section

November 7, 2006

Douglas Heller, Registered Architect 1015 Tijeras Ave NW, Ste. 220 Albuquerque, NM 87102

Re:

Certification Submittal for Final Building Certificate of Occupancy for

Dwight's Glass and Mirror, [C-17 / D2A17]

4501 Alameda NE

Architect's Stamp Dated 10/30/06

Dear Mr. Heller:

P.O. Box 1293

The TCL / Letter of Certification submitted on November 6, 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

Sincerely,

New Mexico 87103

Nilo E. Salgado-Fernandez, P.E.

Senior Traffic Engineer

Development and Building Services

Planning Department

www.cabq.gov

: Engineer

Hydrology file

CO Clerk

October 30, 2006 November 3, 2006 (re-submittal)

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

Re: Permanent Certificate of Occupancy for Dwight's Glass and Mirror 4501 Alameda Boulevard NE

#### Dear Nilo:

I, Douglas Heller, NMRA of Mullen Heller Architecture P.C., hereby certify that this project is in substantial compliance with and in accordance with the design intent of the DRB approved plan dated May 2, 2006. I further certify that I have personally visited the project site on October 24, 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

Douglas Heller, AIA

Attachment: DRB Approved Site Plans

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Mullen Heller



October 30, 2006

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

Re:

Permanent Certificate of Occupancy for Dwight's Glass and Mirror 4501 Alameda Boulevard NE

### Dear Nilo:

I, Douglas Heller, NMRA of Mullen Heller Architecture P.C., hereby certify that this project is in substantial compliance with and in accordance with the design intent of the DRB approved plan dated May 2, 2006. I further certify that I have personally visited the project site on October 24, 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.

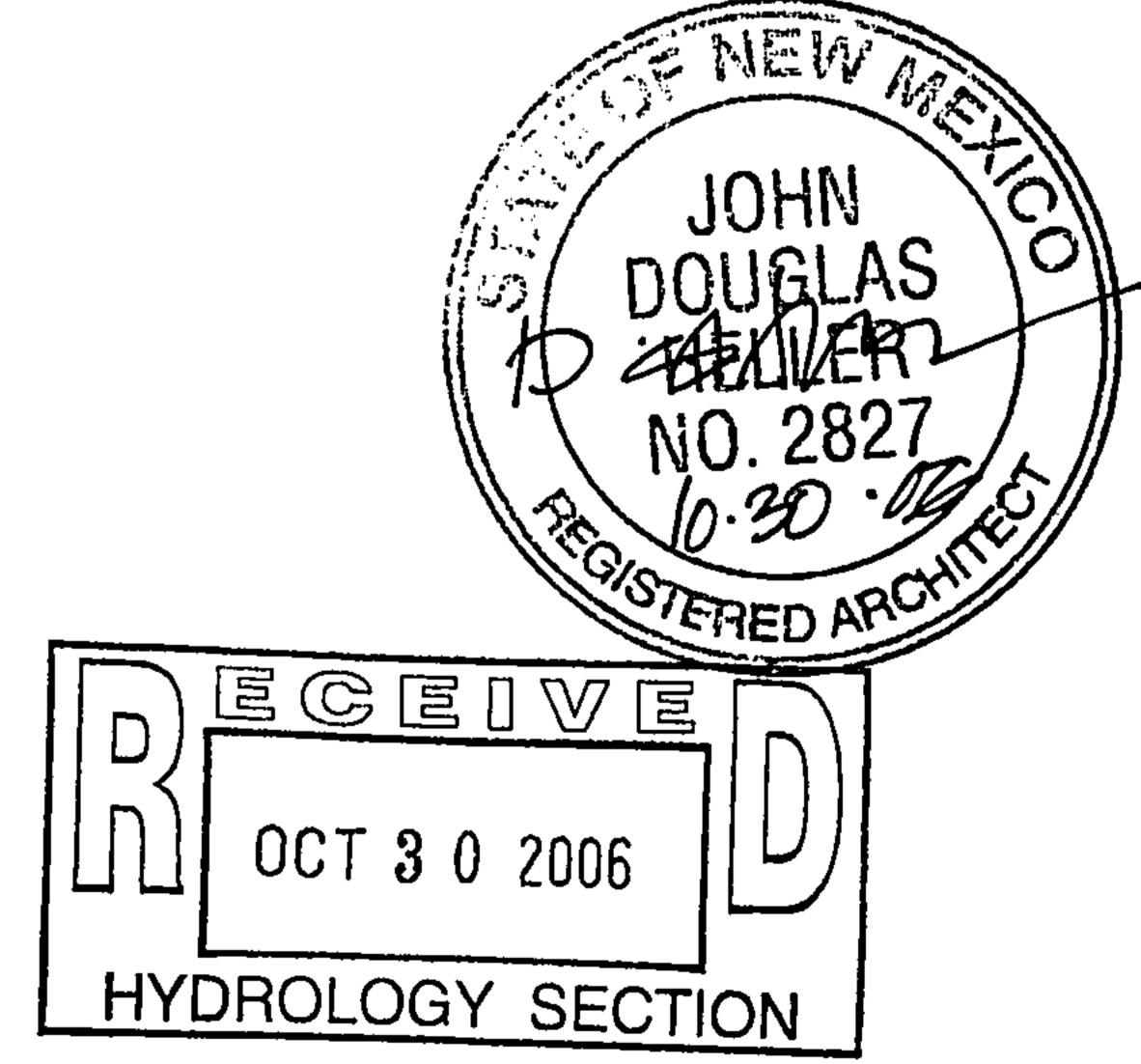
Please feel free to contact me if you have any questions.

Sincerely,

Mullen Heller Architecture PC

Douglas Heller, AlA

Attachment: DRB Approved Site Plan









## City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

March 29, 1996

R.G. Lee Lee Engineering 2316 Calle de Rafael NE Albuquerque, NM 87109

RE: ENGINEER CERTIFICATION FOR ADAMS OFFICE/WAREHOUSE (C17-D2A17) ENGINEER CERTIFICATION STATEMENT DATED 3/27/96.

Dear Mr. Lee:

Based on the information provided on your March 28, 1996 submittal, the above referenced site is acceptable for Engineer Certification.

If I can be of further assistance, please feel free to contact me at 768-2667.

Sincerely,

Sunta Montoya, CE Engineering Associate

BJM/dl

C: Andrew Garcia



## City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

June 22, 1995

R.G. Lee Jr. Lee Engineering 2316 Calle de Rafael NE Albuquerque, NM 87109

RE: DRAINAGE PLAN FOR ADAMS OFFICE/WAREHOUSE COMPLEX (C17-D2A17)

ENGINEER'S STAMP DATED 6/16/95.

Dear Mr. Lee:

Based on the information provided on your June 20, 1995 submittal, the above referenced site is approved for Site Development and Building Permit.

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

Also, prior to Certificate of Occupancy release, Engineer Certification per the D.P.M. checklist will be required.

If I can be of further assistance, please feel free to contact me at 768-2667.

Sincerely,

Bernie J. Montoya, CE

Engineering Associate

BJM/dl

c: Andrew Garcia

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