## Cherne, Curtis

From:

Graeme Means [GMeans@highmesacg.com]

Sent:

Friday, October 23, 2009 4:54 PM

To:

Cherne, Curtis

Subject:

Dions Pipe Capacity

Attachments: FlowMaster Report.pdf

#### Curtis,

Please see attached.

A 12" pipe with n=0.013 can carry 8.2 cfs. Q100 for the site is 7.1.

This is based on curb height at the inlet and a fee outlet in the inlet we are connecting to.

Please stick this in the file.

Let me know if you have any questions.

Graeme



J. Graeme Means, P.E. Principal

6010-B Midway Park Blvd. NE Albuquerque, NM 87109 www.highmesacg.com

Phone; 505.345.4250 Fax: 505.345.4254 gmeans@highmesacg.com

## Worksheet Worksheet for Pressure Pipe

| Project Description |                |
|---------------------|----------------|
| Worksheet           | Pressure Pipe  |
| Flow Element        | Pressure Pipe  |
| Method              | Manning's Forr |
| Solve For           | Discharge      |

| Input Data     |                   |     |
|----------------|-------------------|-----|
| Pressure at 1  | 1.17              | psi |
| Pressure at 2  | 0.00              | psi |
| Elevation at 1 | 91.00             | ft  |
| Elevation at 2 | <del>3</del> 0.20 | ft  |
| Length         | 36.00             | ft  |
| Mannings Coef  | fic <b>3.013</b>  |     |
| Diameter       | 12                | in  |

| Results          |        |       |
|------------------|--------|-------|
| Discharge        | 8.20   | cfs   |
| Headloss         | 3.50   | ft    |
| Energy Grade at  | 95.39  | ft    |
| Energy Grade at  | 91.90  | ft    |
| Hydraulic Grade  | 93.70  | ft    |
| Hydraulic Grade  | 90.20  | ft    |
| Flow Area        | 0.8    | ft²   |
| Wetted Perimeter | 3.14   | ft    |
| Velocity         | 10.44  | ft/s  |
| Velocity Head    | 1.70   | ft    |
| Friction Slope   | 053011 | ft/ft |

# CITY OF ALBUQUERQUE



June 28, 2010

J. Graeme Means, P.E. 6010-B Midway Park Blvd. NE Albuquerque, NM 87109

Re: Dion's Restaurant #NM 14, 1600 Towne Center Lane SE,

Request for Permanent C.O.—Approved

Engineer's Stamp dated: 10-22-09 (L-15/D055A)

Certification dated: 6-25-10

Dear Mr. Means,

Based upon the information provided in the Certification received 6-28-10, 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,

Albuquerque

Timothy E. Sims,

Plan Checker—Hydrology Section

NM 87103

Development and Building Services

www.cabq.gov

C: CO Clerk—Katrina Sigala

File

### DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 01/06 - KDM)

| PROJECT TITLE: Dion's Restaurant # NM       | 4                                     | ZON                      | E MAP: <u>L-15/D055</u>               |
|---|---------------------------------------|--------------------------|---------------------------------------|
| DRB#: 1005243 EPC#: 09 DRB 70287            | WORK OF                               | RDER#:                   |                                       |
| LEGAL DESCRIPTION: Tract 5, Broadstone Town | ne Center                             |                          |                                       |
| CITY ADDRESS: 1600 Towne Center Lane        | SE                                    | <del></del>              |                                       |
|   |                                       |                          |                                       |
| ENGINEERING FIRM: High Mesa Consulting G    |                                       |                          | aeme Means #13676                     |
| ADDRESS: 6010-B Midway Park Bly             | d NE                                  | PHONE:                   | <u>345-4250</u>                       |
| CITY, STATE: <u>Albuquerque, NM</u>         | · · · · · · · · · · · · · · · · · · · | ZIP CODE:                | <u>87109</u>                          |
| OWNER: Peter-Defries Corp. (Dior            | n'c)                                  | CONTACT:                 | Alex Harrison                         |
| ADDRESS: 8525 Jefferson NE                  | <u> </u>                              | PHONE:                   | 858-1010                              |
| CITY, STATE: Albuquerque, NM                | · · · · · · · · · · · · · · · · · · · |                          | 87113                                 |
|   | · · · · · · · · · · · · · · · · · · · |                          |                                       |
| ARCHITECT: Alex Harrison                    |                                       | CONTACT: _               | Alex                                  |
| ADDRESS: <u>8525 Jefferson NE</u>           |                                       | PHONE:                   | 858-1010                              |
| CITY, STATE: <u>Albuquerque, NM</u>         |                                       | ZIP CODE: _              | 87113                                 |
|   |                                       |                          |                                       |
| SURVEYING FIRM: High Mesa Consulting Gr     |                                       | ED SURVEYOR: Char        | les Cala, #11184                      |
| ADDRESS: 6010-B Midway park Bly             | e NE                                  | PHONE:                   | 345-4250                              |
| CITY, STATE: <u>Albuquerque, NM</u>         | <del></del>                           | ZIP CODE: _              | 87109                                 |
| CONTRACTOR: Gerald Martin Construction      | วท                                    | CONTACT:                 | Chuck                                 |
| ADDRESS:                                    |                                       | PHONE: 401-              |                                       |
| CITY, STATE:                                |                                       | ZIP CODE:                |                                       |
|   |                                       |                          |                                       |
| TYPE OF SUBMITTAL:                          | CHECK TYPE OF                         | APPROVAL SOUGH           | T:                                    |
| DRAINAGE REPORT                             | SIA/FINA                              | NCIAL GUARANTE           | E RELEASE                             |
| DRAINAGE PLAN 1 <sup>st</sup> SUBMITTAL     | PRELIMII                              | NARY PLAT APPRO          | VAL                                   |
| DRAINAGE PLAN RESUBMITTAL                   | S. DEV. P                             | LAN FOR SUB'D AP         | PROVAL                                |
| CONCEPTUAL G & D PLAN                       | S. DEV. F                             | OR BLDG. PERMIT          | APPROVAL                              |
| GRADING PLAN                                | SECTOR                                | PLAN APPROVAL            |                                       |
| EROSION CONTROL PLAN                        |                                       | AT APPROVAL              |                                       |
| X ENGINEER'S CERT (HYDROLOGY)               | · · · · · · · · · · · · · · · · · · · | TION PERMIT APPR         |                                       |
| CLOMR/LOMR                                  | <u> </u>                              | G PERMIT APPROVA         |                                       |
| TRAFFIC CIRCULATION LAYOUT                  |                                       | CATE OF OCCUPA           | · · · · · · · · · · · · · · · · · · · |
| ENGINEER'S CERT (TCL)                       | GRADING                               | PERMIT APPROVA           | AEIIIE N                              |
| ENGINEER'S CERT (DRB SITE PLAN)             | · · · · · · · · · · · · · · · · · · · | PERMIT APPREVAL          |                                       |
| OTHER                                       |                                       | RDER APPROVAL            |                                       |
|   | OTHER (S                              |                          | 0 2010                                |
|   |                                       |                          | JUN 28 2010                           |
| WAS A PRE-DESIGN CONFERENCE ATTENDED        | <b>7</b> .                            |                          |                                       |
| YES   | J.                                    |                          | HYDROLOGY                             |
| X NO  |                                       |                          | SECTION                               |
| COPY PROVIDED                               |                                       |                          |                                       |
|   |                                       |                          |                                       |
| DATE SUBMITTED: June 28, 2010               | B                                     | Y: <u>J. Graeme Mear</u> | <u>1S</u>                             |

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

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

June 10, 2010

Alexander Harrison, R.A. Alexander Harrison - Architect 8525 Jefferson St. NE Albuquerque, NM 87113

Re: Dion's at Broadstone Towne Center, 1600 Towne Center Lane SE,

Temporary Certificate of Occupancy – Transportation Development

DRB Project Number 1005243 (L15-D055A)

Certification dated 06-10-10

Dear Mr. Harrison,

PO Box 1293

Based upon the information provided in your submittal received 06-10-10, 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.

Albuquerque

If you have any questions, you can contact me at 924-3991.

NM 87103

Kristal D. Metro, P.E.

Sincerely,

www.cabq.gov

Traffic Engineer, Planning Dept.
Development and Building Services

C: CO Clerk File

# CITY OF ALBUQUERQUE



June 7, 2010

Alexander Harrison, R.A. Alexander Harrison - Architect 8525 Jefferson St. NE Albuquerque, NM 87113

Re: Dion's at Broadstone Towne Center, 1600 Towne Center Lane SE,
Temporary Certificate of Occupancy – Transportation Development
DRB Project Number 1005243 (L15-D055A)
Certification dated 06-03-10

Dear Mr. Harrison,

PO Box 1293

Based upon the information provided in your submittal received 06-04-10, Transportation Development has no objection to the issuance of a 90-day Temporary Certificate of Occupancy. This letter serves as a "green tag" from Transportation Development for a 90-day Temporary Certificate of Occupancy to be issued by the Building and Safety Division.

Albuquerque

Prior to the issuance of a permanent Certificate of Occupancy, the following items must be addressed:

NM 87103

• The traffic certification must be stamped, signed, and dated.

If you have any questions, you can contact me at 924-3991.

www.cabq.gov

Kristal D. Metro, P.E.

Sincerely,

Traffic Engineer, Planning Dept.

Development and Building Services

C: CO Clerk
File

# ALEXANDER HARRISON - ARCHITECT

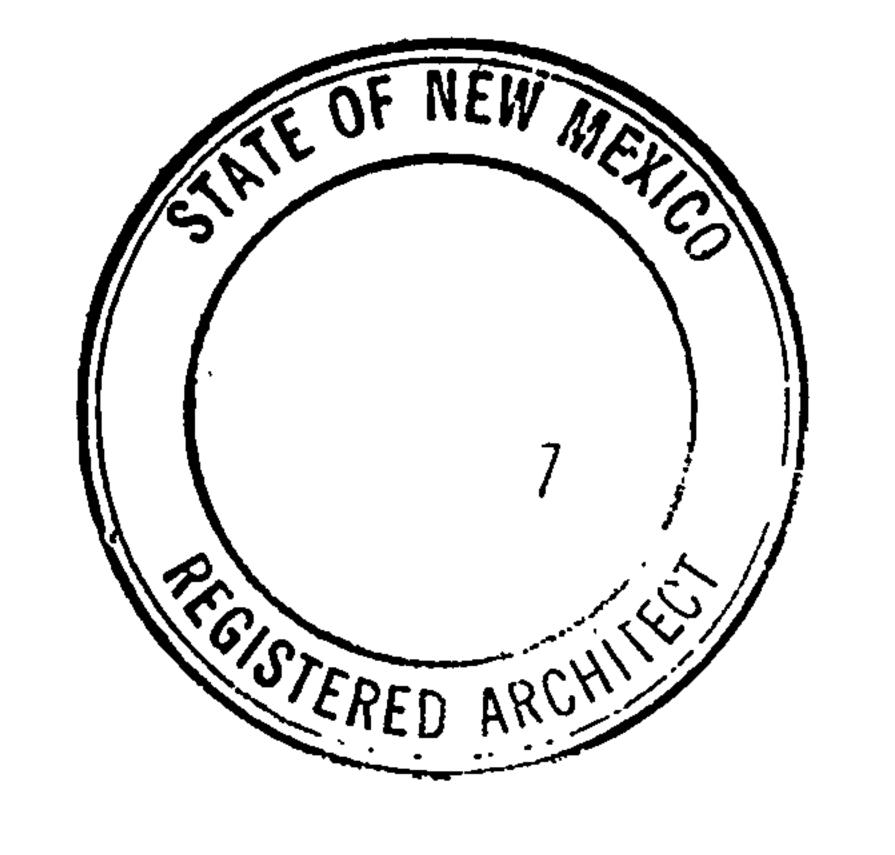
8525 Jefferson Street NE, Albuquerque, New Mexico 87113, 505-858-1010

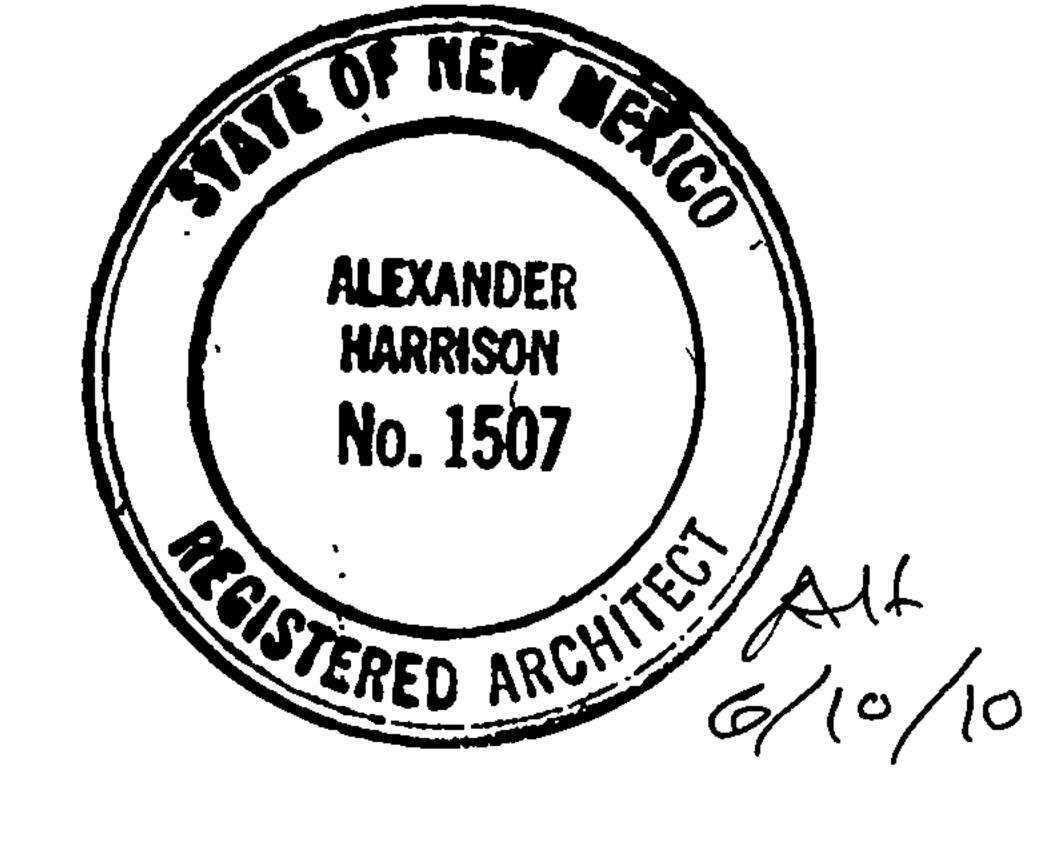
#### TRAFFIC CERTIFICATION

I, Alex Harrison, NMRA #1507, of the firm Alexander Harrison – Architect, hereby certify that this project is in substantial compliance with and in accordance with the design intent of the DRB approved plan dated 9/9/09. The record information edited onto the original design document has been obtained by Alex Harrison, of the firm Alexander Harrison – Architect. I further certify that I have personally visited the project site on 6/3/10 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 – Permanent.

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 is for any other purpose.

Alex Harrison Date





RECEIVED

JUN 0 4 2010

HYDROLOGY SECTION

# THE AIN ACE AND THE ANGRODET ATTOM TAREOUND A THORICHER TO

|  | 12/2005) INFORMATION SHEET / -/5/05                                 | 55  |
|--|---|-----|
| -PROJECT TITLE: 12/01/5 # 14 AT 12                                       | ROSTONE - ZONE MAP: L-15-2  |     |
|  | WORK ORDER#:  |     |
| -LEGAL DESCRIPTION: TRACTS, 13/20/2<br>-CITY ADDRESS: 1000 Town E CENTER | POSTONE TOWNE CENTER  |     |
| CITY ADDRESS: 1000 Town E CENTER   | LAHESE, AUBO, MM B7106  |     |
| ENGINEERING FIRM:  | CONTACT:  |     |
| ADDRESS:   | PHONE:  |     |
| CITY, STATE:   | ZIP CODE:   |     |
| -OWNER: 12/01/3  | CONTACT: 1000/1005/1015/10005/1016/10005/1016/10005/1016/10005/1016 |     |
| ADDRESS: 8375 JEFFERSON  | PHONE: 8-8-1010   |     |
| CITY, STATE: ALISO HT  | ZIP CODE: 87113 ·   |     |
| -ARCHITECT: DEX HARPION ADDRESS: 8525 JEFFESON                           | CONTACT: ALEX HARRISC   | 4   |
|  | CONTACT: ALEX HARRISC<br>PHONE: 850-1010.                           |     |
| CITY, STATE:   | ZIP CODE: 87/13   |     |
| SURVEYOR:  | CONTACT:  |     |
| ADDRESS:   | PHONE:  |     |
| CITY, STATE:   | ZIP CODE:   |     |
| CONTRACTOR:  | CONTACT:  |     |
| ADDRESS:   | PHONE:  |     |
| CITY, STATE:   | ZIP CODE:   |     |
| TYPE OF SUBMITTAL:   | ECK TYPE OF APPROVAL SOUGHT:  |     |
| DRAINAGE REPORT  | SIA/FINANCIAL GUARANTEE RELEASE                                     |     |
| DRAINAGE PLAN 1 <sup>st</sup> SUBMITTAL                                  | PRELIMINARY PLAT APPROVAL   |     |
| DRAINAGE PLAN RESUBMITTAL  | S. DEV. PLAN FOR SUB'D APPROVAL                                     |     |
| CONCEPTUAL G & D PLAN  | S. DEV. FOR BLDG. PERMIT APPROVAL                                   |     |
| GRADING PLAN   | SECTOR PLAN APPROVAL  |     |
| EROSION CONTROL PLAN   | FINAL PLAT APPROVAL   |     |
| ENGINEER'S CERT (HYDROLOGY)  | FOUNDATION PERMIT APPROVAL  |     |
| CLOMR/LOMR .   | BUILDING PERMIT APPROVAL:   |     |
| TRAFFIC CIRCULATION LAYOUT   | X CERTIFICATE OF OCCUPANCY (PERM)                                   |     |
| ENGINEER'S CERT (TCL)  | CERTIFICATE OF OCCUPANCY (TEMP)                                     |     |
| X ENGINEER'S CERT (DRB SITE PLAN)  | GRADING PERMIT APPROVAL   | }   |
| OTHER (SPECIFY)  | PAVING PERMIT A DECEMAN   |     |
| • • • • • • • • • • • • • • • • • • •                                    | PAVING PERMIT ARROWS WORK ORDER APPROVIDED                          |     |
| • • • • • • • • • • • • • • • • • • •                                    | OTHER (SPECIFY)   |     |
| ***  | JUN 0 4 2010  |     |
| WAS A PRE-DESIGN CONFERENCE ATTENDED:                                    |   |     |
| X YES  | HYDROLOGY   | -   |
|  | SECTION   |     |
| COPY PROVIDED  |   | - 1 |

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:

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- Drainage Report: Required for subdivision containing more than ten (10) lots or constituting five (5) acres or more.

COPY PROVIDED

DATE SUBMITTED: 6/4

1-1-1-90PAY TEMP 2009.013.2

### DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 01/06 - KDM)

| PROJECT TITLE:                           | Dion's Restaurant # NM14   | 4             |                                       | ZONI        | E MAP: L-15/D054 | •                 |
|--|--|---------------|---------------------------------------|-------------|------------------|-------------------|
| DRB#: 1005243                            | EPC#: 09 DRB 70287   |               | WORK ORDER#:                          |             |                  |                   |
|  | Tract 5, Broadstone Town   | e Center      |                                       |             | <del></del>      |                   |
| CITY ADDRESS:                            | 1600 Towne Center Lane   | <del></del> - |                                       |             |                  |                   |
|  |  |               |                                       |             |                  |                   |
| ENGINEERING FIRM:                        | High Mesa Consulting Gre   | oup           | CC                                    | ONTACT:Gra  | eme Means #13676 |                   |
| ADDRESS:                                 | 6010-B Midway Park Blv   | d NE          | PF                                    | IONE:       | 345-4250         |                   |
| CITY, STATE: _                           | Albuquerque, NM  |               | ZI                                    | P CODE:     | 87109            |                   |
|  |  |               |                                       |             |                  |                   |
| OWNER:                                   | Peter-Defries Corp. (Dion  | <u>'s)</u>    |                                       |             | Alex Harrison    |                   |
|  | 8525 Jefferson NE  |               |                                       | PHONE:      | <u>858-1010</u>  |                   |
| CITY, STATE:                             | Albuquerque, NM  |               |                                       | IP CODE: _  | <u>87113</u>     |                   |
|  |  |               |                                       |             | A 1 -            |                   |
| ARCHITECT:                               | Alex Harrison  | <u> </u>      |                                       | CONTACT: _  | Alex             |                   |
|  | 8525 Jefferson NE  |               |                                       | PHONE:      | 858-1010         |                   |
| CITY, STATE:                             | Albuquerque, NM  | <u> </u>      | Z                                     | ZIP CODE:   | 87113            |                   |
| OTTO TO | Tlieb Mass Consulting C-   |               | T TOPNION OF IDA                      | TEVOD. Char | las Cala #11104  |                   |
| SURVEYING FIRM:                          | High Mesa Consulting Gr  |               | _ LICENSED SURV                       |             |                  |                   |
| ****                                     | 6010-B Midway park Blv   | <u>ene</u>    | · · · · · · · · · · · · · · · · · · · | PHONE:      | 345-4250 ·       |                   |
| CITY, STATE:                             | Albuquerque, NM  | _,            |                                       | ZIP CODE:   | 0/109            |                   |
| CONTRACTOR:                              | Gerald Martin Construction                                       | on            |                                       | CONTACT: C  | Chuck SQL 1      | •                 |
| ADDRESS:                                 |  | _             | F                                     | PHONE: 401- | 4662             |                   |
| CITY, STATE:                             |  | ·•            | <u> </u>                              | ZIP CODE: _ | e.               | ,                 |
|  |  |               |                                       |             |                  |                   |
| TYPE OF SUBMITTAL:                       |  | <u>CHECK</u>  | C TYPE OF APPROV                      |             |                  | 1                 |
| DRAINAGE RI                              | EPORT  | 4             | _ SIA/FINANCIAL (                     | GUARANTE    | E RELEASE        | • • 1             |
| DRAINAGE PI                              | LAN 1 <sup>st</sup> SUBMITTAL                                    |               | _ PRELIMINARY PI                      | LAT APPRO   | VAL D:           | ;                 |
| DRAINAGE PI                              | LAN RESUBMITTAL  |               | _ S. DEV. PLAN FO                     | R SUB'D AP  | PROVAL           | $C \rightarrow C$ |
| CONCEPTUAI                               | LG&DPLAN   | <del></del>   | _ S. DEV. FOR BLD                     | G. PERMIT   | APPROVAL.        |                   |
| GRADING PLA                              | AN   |               | _ SECTOR PLAN A                       |             | • • I            | 1                 |
| EROSION CON                              |  |               | _ FINAL PLAT APP                      |             | # 1              | ;                 |
| <del></del>                              | CERT (HYDROLOGY)   |               | _ FOUNDATION PE                       |             |                  |                   |
| CLOMR/LOM                                |  | <del></del>   | _BUILDING PERM                        |             |                  |                   |
| <del></del>                              | CULATION LAYOUT  | <u>X</u>      | _ CERTIFICATE O                       |             | -                |                   |
| ENGINEER'S                               | *  |               | _ GRADING PERMI                       |             |                  |                   |
| <del> </del>                             | CERT (DRB SITE PLAN)   |               | _ PAVING PERMIT                       |             |                  |                   |
| OTHER                                    |  | <del></del>   | _ WORK ORDER A                        | PPROVAL     | PAPINIE          |                   |
|  |  | <del></del>   | _ OTHER (SPECIFY                      |             | ECEIV!           |                   |
|  |  |               |                                       |             |                  |                   |
| מוואס א מחמו מאוסור אין                  | مرد مردد مردد بروی ۱ مردی از | Λ.            |                                       |             | ል ል ኃስላበ         |                   |
|  | ONFERENCE ATTENDE  | D:            |                                       |             | JUN 0 3 2010     |                   |
| YES<br>X NO                              |  |               |                                       |             |                  |                   |
| COPY PROVID                              | )ED  |               |                                       |             | HYDROLOGY        |                   |
| COFIFKOVIL                               | ענער   |               |                                       |             | SECTION          | 11Hm              |
| DATE SUBMITTED:                          | 04/02/0  | <b>010</b>    | רו                                    | V. 1        |                  |                   |
| PAID SUDMILL TUD                         | <u>06/03/2</u>   | OIO           |                                       | Y: J. Grae  | eme Means        |                   |

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:

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- 2. Drainage Plans: Required for building permits, grading permits, paving permits and site plans less than five (5) acres.

  3. Drainage Plans: Required for subdivision containing more than top (10) lets containing 5. (6)
- 3. Drainage Report: Required for subdivision containing more than ten (10) lots or constituting five (5) acres or more.

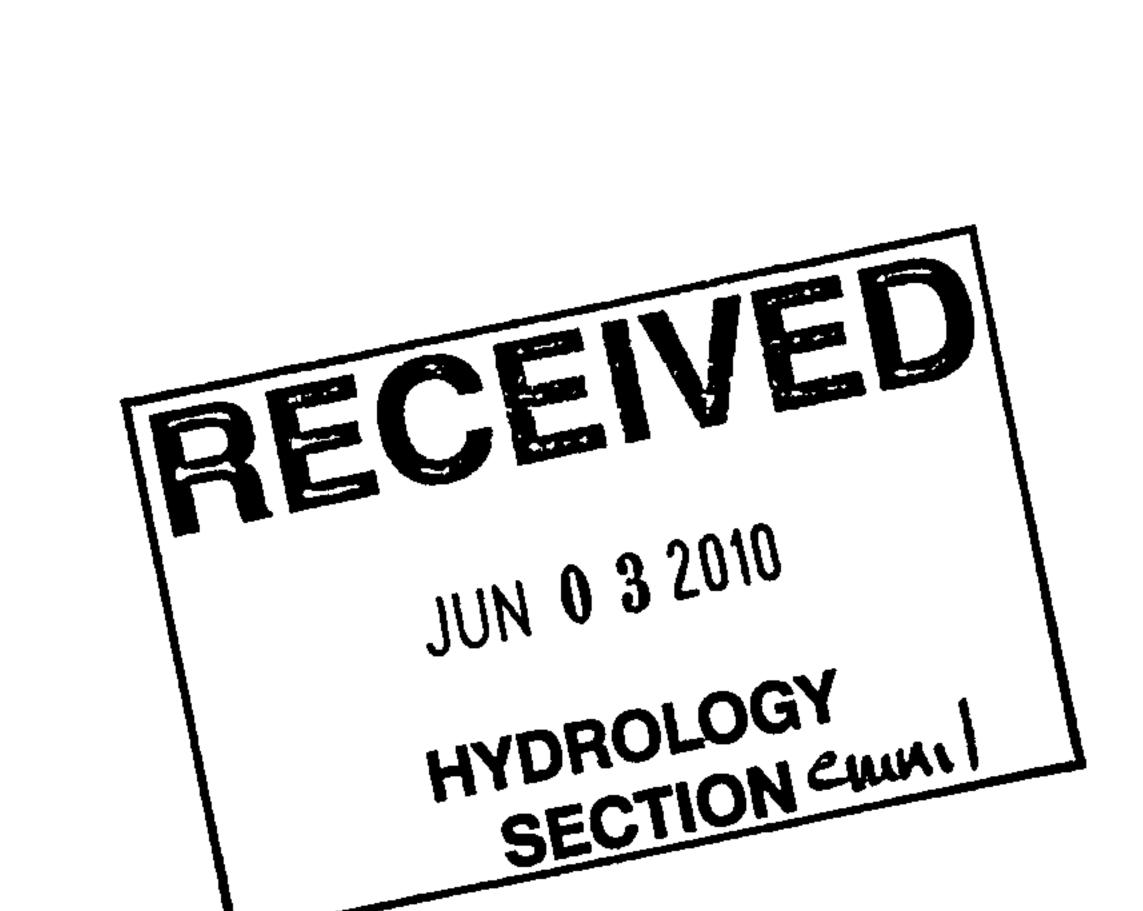
#### ENGINEER'S CERTIFICATION FOR TEMPORARY CERTIFICATE OF OCCUPANCY

I, J. GRAEME MEANS, NMPE 13676, OF THE FIRM HIGH MESA CONSULTING GROUP, HEREBY CERTIFY THAT I VISITED THE SUBJECT SITE ON JUNE 1ST, 2010 AND DID NOT VISUALLY NOTE ANY EVIDENCE THAT WOULD LEAD ME TO SUSPECT THAT THE PROJECT HAS NOT BEEN GRADED AND DRAINED IN SUBSTANTIAL COMPLIANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED 10/22/2009. A HIGH MESA SURVEY CREW IS SCHEDULED TO CONDUCT A GRADING VERIFICATION SURVEY NEXT MONDAY, JUNE 7TH TO COLLECT AS-CONSTRUCTED DATA AS REQUIRED BY THE D.P.M.

THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR TEMPORARY CERTIFICATE OF OCCUPANCY CONTINGENT UPON VERIFICATION FROM THIS OFFICE THAT THE FIELD WORK FROM THE GRADING CERTIFICATION SURVEY DOES NOT REVEAL SIGNIFICANT DEFICIENCIES.

IT IS ACKNOWLEDGED AND UNDERSTOOD THAT A FORMAL SUBMITTAL OF AN AS-CONSTRUCTED PLAN WILL STILL BE REQUIRED TO SUPPORT AN UPCOMING REQUEST FOR PERMANENT CERTIFICATE OF OCCUPANCY.

J. GRAEME MEANS, NMPE 13676



## Sims, Timothy E.

From:

Graeme Means [GMeans@highmesacg.com]

Sent:

Thursday, June 03, 2010 3:14 PM

To:

Sims, Timothy E.

Cc:

Charles G. Cala

Subject:

Dion's NM#14, 1600 Towne Center Lane SE, File L-15/D055

Attachments: Dions.pdf

Tim,

As discussed earlier today, I visited the site Tuesday and it looked like all was in order subject to verification of the grades. We have a survey crew scheduled for next Monday to conduct a grading verification survey.

The client is planning to open the restaurant on Friday, June 11th. I will be on vacation next week and therefore will not be able to review the survey and submit a standard certification with a surveyed as-constructed plan in time for their opening. As discussed, I request your consideration for allowing a temporary C.O. until such time as we can prepare and submit a formal certification.

Attached herewith is an information sheet and a certification for temp CO contingent upon our completion of field work and subsequent follow-up verification to you from our office that the results of the survey did not reveal any drainage deficiencies that would preclude a temp CO.

We appreciate your cooperation in this matter and someone will contact you early next week to verify that a temp CO is appropriate.

I will follow up with you on my return to update you on the timing of the final submittal. 👫

Thanks,

T.

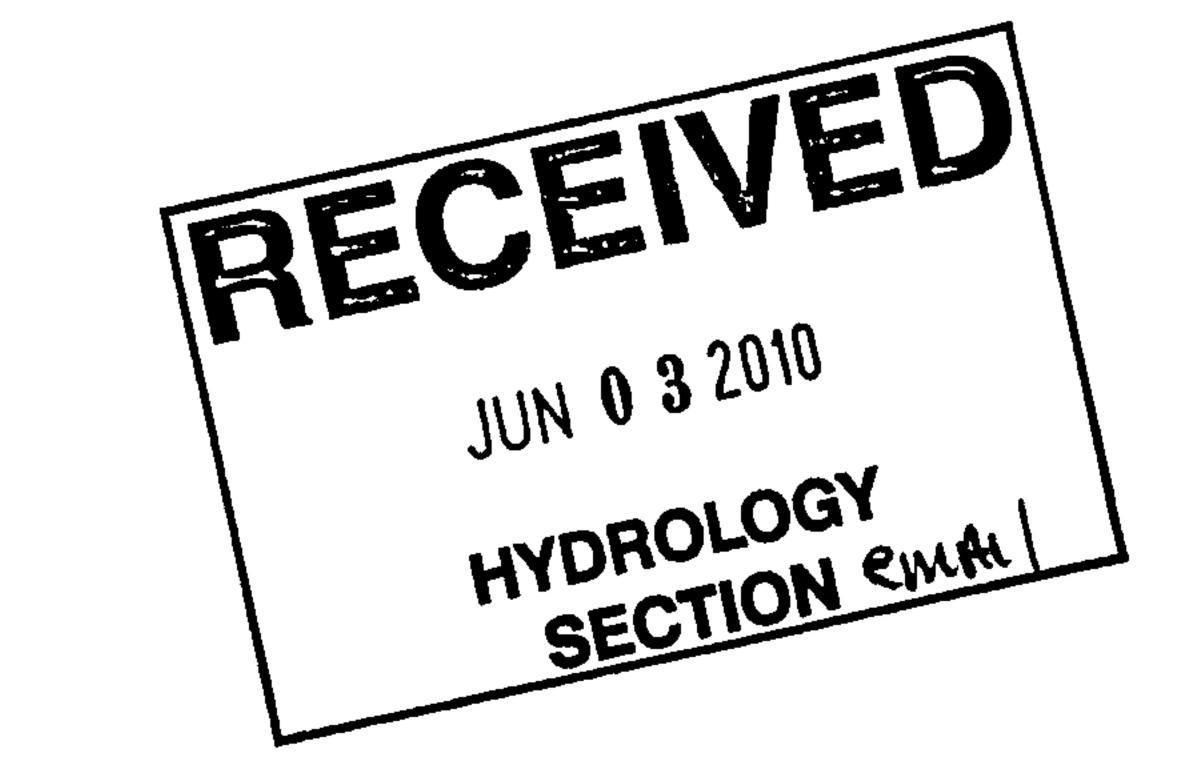
**Graeme Means** 



J. Graeme Means, P.E. Principal

6010-B Midway Park Blvd. NE Albuquerque, NM 87109 www.highmesacg.com

Phone: 505.345.4250 Fax: 505.345.4254 gme.ms@highmesacg.com



# CITY OF ALBUQUERQUE



October 28, 2009

J. Graeme Means, P.E. High Mesa Consulting Group 6010-B Midway Park Blvd. NE Albuquerque, NM 87109

Re: Dion's Restaurant at Broadstone Towne Center Grading Plan Engineer's Stamp date 10-22-09 (L15/D055A)

Dear Mr. Means,

Based upon the information provided in your submittal received 10-23-09, 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.

PO Box 1293

The developed runoff and volume calculations are incorrect as they do not include the 0.13 acres of Land Treatment B. This should be updated on the Certification.

Albuquerque

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

NM 87103

This project requires a National Pollutant Discharge Elimination System (NPDES) permit for storm water discharge.

www.cabq.gov

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

C: file

Kathy Verhage, DMD

### DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 01/06 - KDM)

| PROJECT TITLE:                        | Dion's Restaurant # NM14                      |  | ZONE MAP: <u>L-15/D055</u> |     |
|---------------------------------------|---|--|----------------------------|-----|
| DRB#: 1005243                         | EPC#: 09 DRB 70287                            | WORK ORDER#:   |                            |     |
| LEGAL DESCRIPTION:                    | Tract 5, Broadstone Towne Center              |  |                            |     |
| CITY ADDRESS:                         | 1600 Towne Center Lane SE                     | · · · · · · · · · · · · · · · · · · ·  |                            |     |
| ENGINEERING FIRM:                     | High Mesa Consulting Group                    | CONTAC   | T:Graeme Means #13676      |     |
|                                       | 6010-B Midway Park Blvd NE                    | PHONE:   | 345-4250                   |     |
| CITY, STATE:                          | Albuquerque, NM                               | ZIP CODI   | E: 87109                   |     |
| OWNER:                                | Peter-Defries Corp. (Dion's)                  | CONTAC   | CT: Alex Harrison          |     |
| ADDRESS:                              | 8525 Jefferson NE                             | PHONE:   |                            | 4   |
| CITY, STATE:                          | Albuquerque, NM                               | <del>i - · · · · ·</del>   | E: <u>87113</u>            |     |
| ARCHITECT:                            | Alex Harrison                                 | CONTAC   | CT: Alex                   | •   |
|                                       | 8525 Jefferson NE                             | PHONE:   |                            | •   |
| <del></del>                           | Albuquerque, NM                               |  | E: 87113                   |     |
| CLIDANEANNO EIDRA.                    | II:ah Mana Mananatin - Mananatin              |  |                            |     |
| SURVEYING FIRM:                       | High Mesa Consulting Group                    | LICENSED SURVEYOR:   | •                          |     |
| <del></del>                           | 6010-B Midway park Blve NE<br>Albuquerque, NM | PHONE:   |                            |     |
| CITT, STATE.                          | Albuquerque, INIVI                            | ZIP COD  | DE: <u>87109</u>           |     |
| CONTRACTOR:                           | Gerald Martin Construction                    | CONTAC   | CT: <u>Architect</u>       |     |
| ADDRESS:                              |   | PHONE:   |                            |     |
| CITY, STATE: _                        | ·   | ZIP COD  | )E:                        |     |
| · · · · · · · · · · · · · · · · · · · | <del></del>                                   | K TYPE OF APPROVAL SOU<br>SIA/FINANCIAL GUARA<br>PRELIMINARY PLAT AP<br>S. DEV. PLAN FOR SUB'I | NTEE RELEASE<br>PROVAL     |     |
| CONCEPTUAL                            | <del></del>                                   | _ S. DEV. FOR BLDG. PERI   |                            |     |
| GRADING PLA                           |   | _ SECTOR PLAN APPROVA  |                            |     |
| EROSION CON                           | <del></del>                                   | _ FINAL PLAT APPROVAL  |                            |     |
| ENGINEER'S C<br>CLOMR/LOMR            | CERT (HYDROLOGY)                              | _ FOUNDATION PERMIT A  |                            |     |
|                                       | CULATION LAYOUT                               | BUILDING PERMIT API  |                            |     |
| ENGINEER'S                            | <del></del>                                   | _ CERTIFICATE OF OCCUI<br>_ GRADING PERMIT APPR  |                            | 7   |
|                                       | CERT (DRB SITE PLAN)                          | _ OKADING PEKWIT APPK<br>_ PAVING PERMIT APPRO   |                            | 0,  |
| OTHER                                 | DICT (DICD DITL I DIXIT)                      | _ WORK ORDER APPROVA   |                            | ¥ŏ  |
|                                       |   | _ OTHER (SPECIFY)  |                            | Y A |
|                                       |   |  | 2 6 2                      | では  |
| WAS A DDE DESIGN CA                   | ONFERENCE ATTENDED:                           |  | I                          |     |
| YES                                   | ONFERENCE ATTENDED:                           | W (m)  |                            |     |
| X NO                                  |   | 1  |                            |     |
| COPY PROVID                           | ED  |  |                            |     |
|                                       |   |  |                            |     |
| DATE SUBMITTED:                       | 10/23/2009                                    | BY: J.   | Graeme Means               |     |
|                                       |   |  |                            |     |

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.