Township of Gloucester
Zoning Board of Adjustment
Wednesday, March 28, 2018
7:00 P.M.

Agenda

Salute to the Flag
Commencement Statement
General Rules
Meeting will start at 7:00 P.M.
No applications will be heard after 09:30 P.M.
All persons testifying before the board must be sworn in.
The Board Chairperson reserves the right to hear applications in any order.

MINUTES FOR ADOPTION

Zoning Board Minutes - Wednesday, March 14, 2018

RESOLUTIONS FOR MEMORIALIZATION

#182002C
Davis CPA Group, PC
Bulk C Variance
Block: 8206 Lot: 6

#182003C
Walter Tomlinson, III
Bulk C Variance
Block: 11504 Lot: 4 & 2

APPLICATIONS FOR REVIEW

#182004C
Maureen DiPietro
Bulk C Variance
Block: 5903 Lot: 8
Location: 402 Apple Ave, Blackwood
Zoned: R3
15' x 6' front porch with 25' front setback
#182007C
Harry & Dawn Rivell  
Zoned: R3

Bulk C Variance  
Block: 9206 Lot: 9  
Location: 106 Bee Lane, Somerdale

11' x 8' wood pool deck with steps & 4 1/2' side setbacks

#172045DPMSFMS  
Lance’s Tavern, LLC  
Zoned: NC

Use D Variance, Prelim & Final Major Site  
Block: 8301 Lot: 7  
Location: 7 Coles Rd., Blackwood

Overlay of existing parking lot & expansion of non-conforming use parking lot to provide 177 parking spots & curbing for restaurant, liquor store, tavern w/outside raised patio; replacement of 6’ fence.

Meeting Adjourned
Chairman McMullin called the meeting to order. Mr. Lechner read the commencement statement.

Roll Call:

Vice Chairman Simiriglia  Present
Mr. Bucceroni  Present
Mr. Scarduzio  Present
Mrs. Chiumento  Absent
Mr. Rosati  Present
Mr. Acevedo  Present
Mr. Treger  Absent
Ms. Scully  Absent
Mr. Rosetti  Present
Mrs. Kelly  Present
Chairman McMullin  Present

Chairman McMullin had the professionals sworn in:
Also, Present: Mr. Anthony Costa, Zoning Board Solicitor
Mr. Ken Lechner, Township Planner

Mr. Rosetti sits in for Mrs. Chiumento.

MINUTES FOR ADOPTION

Zoning Board Minutes for Wednesday February 14, 2018

Motion to approve the above-mentioned minutes was made by Mr. Rosati and seconded by Vice Chairman Simiriglia.

Roll Call:

Vice Chairman Simiriglia  Yes
Mr. Bucceroni  Yes
Mr. Acevedo  Yes
Mr. Rosetti  Yes
Chairman McMullin  Yes

Minutes Approved.
ADOPTION OF ANNUAL REPORT

Zoning Board of Adjustment 2017 Annual Report with correction.

A motion to approve the above mentioned Annual Report 2017 with correction was made by Mr. Bucceroni and seconded by Vice Chairman Simiriglia.

Roll Call:  
Vice Chairman Simiriglia  Yes  
Mr. Bucceroni  Yes  
Mr. Scarduzio  Yes  
Mr. Rosati  Yes  
Mr. Acevedo  Yes  
Chairman McMullin  Yes

Annual Report Approved.

RESOLUTIONS FOR MEMORIALIZATION

Zoning Board of Adjustment 2017 Annual Report

#172054CDSPW
Clear Channel Outdoor, Inc.
Bulk C & Use Variance; Site Plan Waiver
Block: 18601 Lot: 2

#182001C
John & Kathleen McCourt
Bulk C Variance
Block: 10706 Lot: 1

A motion to approve the above-mentioned resolutions was made by Mr. Bucceroni and seconded by Vice Chairman Simiriglia.

Roll Call:  
Vice Chairman Simiriglia  Yes  
Mr. Bucceroni  Yes  
Mr. Acevedo  Yes  
Mr. Rosetti  Yes  
Chairman McMullin  Yes

Resolutions Approved.
APPLICATIONS FOR REVIEW

#182002
Davis CPA Group, PC
Zoned: OR
Bulk C Variance
Block: 8206 Lot: 6
Location: 1400 Chews Landing Rd., Laurel Springs
Digital LED Over-Sized Free-Standing Sign.

Mr. Costa swears in Mr. Ron Davis (owner), Mr. Addison Bradley (planner), & Mr. Curt Ryan (Sign Pros).
Mr. Bradley states Mr. Davis is a Gloucester Township resident and just purchased this property to be close to his home. The single commercial building has 4 or 5 offices in it; including Farmers Insurance, GT FOP, Dental office and Mr. Davis’s office. All signs are internal lit signs on Chews Landing Rd... There will be an internal lit sign with LED underneath. Right now, there are spot lights on the current sign. The new sign is perpendicular to Chews Landing Rd. and there are existing mature trees around the property to screen any homes. The current sign is 12’ and the new sign will be 14’. The LED sign will have larger letters and easier to see.
- Variance: the size because the current signs take up the peaks of the all the buildings. The sign will be lit all night; the top portion can be turned off and the digital section can be turned down. Mr. Davis is willing to turn the sign off late in the evening if requested to do so.

Mr. Bucceroni asks about the size of the sign from the side.
Mr. Bradley states around 4.5’.

PUBLIC PORTION:

Mr. Costa swears in Mrs. Colleen Reese, 97 Brookline dr.
Do we need a sign that used to be on the White Horse Pike?

Mr. Davis states it’s necessary to see to the other businesses in the property. It is a nicer sign with softer light that can be dimmed.

Mr. Costa asks Mrs. Reese if the current sign bothers her.
Mrs. Reese states "no". She asks if this new sign will attract more bugs in the summer.
Mr. Davis states the flood light attracts more bugs than this new sign will.
Mr. Costa asks Mr. Davis if the sign could be turned off at midnight.
Vice Chairman Simiriglia asks why the sign would have to be on if the offices aren’t open.
Mr. Wade states there are a lot of vacancies in the area and possibly the lack of visibility is part of the problem.
Mr. Costa suggests a midnight shutoff and dimming of the LED part of the sign.
Mr. Davis agrees.
Mr. Bucceroni asks if the township could use the sign for emergency purposes.
Mr. Davis states: no problem for the town to use the sign for emergency purposes.

A motion to approve the above-mentioned application with the following condition: back lit sign is turned off at midnight and the LED will be dimmed at midnight, was made by Mr. Scarduzio and seconded by Mr. Rosati.

Roll Call:  
Vice Chairman Simiriglia  Yes  
Mr. Bucceroni  Yes  
Mr. Scarduzio  Yes  
Mr. Rosati  Yes  
Mr. Acevedo  Yes  
Mr. Rosetti  Yes  
Chairman McMullin  Yes  

Application Approved.

#182003C  
Walter Tomlinson, III  
Zoned: R4  
Bulk C Variance  
Block: 11504  Lot: 4 & 2  
Location: 276 W. Central Ave., Blackwood  
SFD w/ basement and setbacks.

Mr. Costa swears in Mr. Walter Tomlinson, III.  
Mr. Costa asks Mr. Tomlinson the reason for the variances of 6' setback where 10' is required and 1' side setback where 10' is required.  
Mr. Tomlinson states the lot is 100' x 140' deep and the next lot is 50' x 140' and the home is 36' wide. The pool’s concrete is over the property line and will be cut so the pool is within its property line.

Open to Professionals:  
No Comment:  

Open to the Public:  
No Comment:
A motion to approve the above-mentioned application was made by Mr. Rosati and seconded by Mr. Scarduzio.

Roll Call:  
Vice Chairman Simiriglia    Yes  
Mr. Bucceroni             Yes  
Mr. Scarduzio             Yes  
Mr. Rosati                Yes  
Mr. Acevedo               Yes  
Mr. Rosetti               Yes  
Chairman McMullin         Yes

Application Approved.

A motion to Adjourn was made by Mr. Bucceroni and seconded by Mr. Acevedo.

Respectfully Submitted, Jean Gomez, Recording Secretary.
RESOLUTION OF FINDINGS AND CONCLUSION

BOARD OF ADJUSTMENT

TOWNSHIP OF GLOUCESTER

APPLICATION # 182002C
Davis CPA Group, PC
Block 8206, Lot 6

WHEREAS, Davis Group are the owners of the land and premises located at 1400 Chews Landing in the Laurel Springs section of the Township of Gloucester, New Jersey having made application to the Zoning Board of Adjustment of the Township of Gloucester, Camden County, for a variance to permit a freestanding sign with a total area of 40 square instead of the allowed 20, sign height of 14’ instead of 6’, to permit an electronic message center which is not permitted, to permit 2 façade signs only 1 allowed and to permit a total façade area of 40 square feet instead of the 20 allowed for the property located upon Block 8206, Lot 6, as shown on the Official Map of the Township of Gloucester, located in a OR Zone, said application being represented by John Wade Esq.; and

WHEREAS, the Board after carefully considering the representations made by the applicant at the public hearing held on March 14, 2018 as well as having reviewed the application and evidential exhibits at said hearing, has made the following factual findings and conclusions based thereon;

1. The applicant, Davis Group are the owners of the land and premises located at 1400 Chews Landing Road in the Laurel Springs section of Gloucester Township, New Jersey, as shown on Block 8206, Lot 6, on the Official Tax Map of the Township of Gloucester, located in an OR Zone.
2. Proper notice was afforded all adjacent property owners as provided by the applicable statutes and ordinances, and the applicant provided proof of said notice.

3. All property taxes were paid to date.

4. After being sworn, the applicant produced Addison Bradley, a Professional Planner, and Curt Ryan, represented the sign company. Mr. Bradley testified the applicant just purchased the property and he will occupy one half of the building and have 4 or 5 other tenants. The applicant already has the sign from another location and will be transferring it to this location. There is no interference with the site triangle, it will be LED lightening and the existing spot lights will be removed and the larger portion of the sign will advertise his business and the LED will be for the other tenants. The applicant agreed to shut off the lights at midnight and to tone down the LED at midnight. The applicant also agreed to allow the Township to use the LED for emergencies.

5. There were no objections to the application except there was questions about the lightening.

UPON MOTION duly made and seconded to grant the applicant a variance to construct a sign with LED lightening, the Board voted seven (7) in favor, none (0) against and zero (0) abstentions, thus granting the relief requested; and

WHEREAS, the Board has determined that the relief requested by the applicant may be granted without substantial detriment to the public good and otherwise without impairing the intent and purpose of the Zoning Plan and Ordinances of the Township of Gloucester because of the size and shape of the lot and the Board was of the opinion that the benefits exceed any detriment; and
WHEREAS, the statutory purposes will be advanced by the granting of the relief requested;

NOW THEREFORE BE IT RESOLVED, by the Zoning Board of Adjustment of the Township of Gloucester on this 14th day of March 2018, the applicant Davis Group are hereby granted the aforesaid variances for the property located upon Block 8206, Lot 6 as shown on the Official Tax Map of the Township of Gloucester, consistent with the testimony, application and exhibits, same of which are incorporated herein.
ROLL CALL:

LIST NAMES

Rich Rosetti      Yes
Andy Rosati       Yes
Carmen Scarduzzio Yes
Mike Acevedo      Yes
Kevin Bucceroni  Yes
Frank Simiriglia  Yes
Jay McMullin      Yes

ZONING BOARD OF ADJUSTMENT
TOWNSHIP OF GLOUCESTER

Jay McMullin     Chairperson

I, Ken Lechner, Secretary of the Board of Adjustment of the Township of Gloucester, do hereby certify the foregoing Resolution is a true and accurate copy of the Resolution adopted by the Zoning Board of Adjustment of the Township of Gloucester on the 28th day of March, 2018.

Ken Lechner, Secretary

Prepared by:
ANTHONY P. COSTA, Esquire
RESOLUTION OF FINDINGS AND CONCLUSION

BOARD OF ADJUSTMENT

TOWNSHIP OF GLOUCESTER

APPLICATION # 182003C
Walter Tomlinson, III
Block 11504, Lot 4 & 2

WHEREAS, Walter Tomlinson, III is the owners of the land and premises located at 276 W. Central Ave. in the Blackwood section of the Township of Gloucester, New Jersey having made application to the Zoning Board of Adjustment of the Township of Gloucester, Camden County, for a variance to permit a single family dwelling on Lot 4 with a side yard setback of 6' instead of the required 10' and to permit a pool with an apron setback on Lot 2 of 1' instead of the required 10' for the property located upon Block 11504, Lot 4 & 2, as shown on the Official Map of the Township of Gloucester, located in a R-4 Zone, said application being pro-se.; and

WHEREAS, the Board after carefully considering the representations made by the applicant at the public hearing held on March 14, 2018 as well as having reviewed the application and evidential exhibits at said hearing, has made the following factual findings and conclusions based thereon;

1. The applicant, Walter Tomlinson is the owner of the land and premises located at 276 W. Central Ave in the Blackwood section of Gloucester Township, New Jersey, as shown on Block 11504, Lot 4 & 2, on the Official Tax Map of the Township of Gloucester, located in an R4 Zone.
2. Proper notice was afforded all adjacent property owners as provided by the applicable statutes and ordinances, and the applicant provided proof of said notice.

3. All property taxes were paid to date.

4. After being sworn, the applicant stated he owns both lots and has separate tax bills for each. He wishes to build a 36’ wide house for his daughter on the lot and the lot is too narrow to accommodate the required 10’ setback. He also be removing the concrete extending onto this lot and needs a variance to allow a 1’ setback for the pool apron. The lot is similar to other lots in the area.

5. There were no objections to the application.

UPON MOTION duly made and seconded to grant the applicant a variance to construct a single family dwelling, the Board voted seven (7) in favor, none (0) against and zero (0) abstentions, thus granting the relief requested; and

WHEREAS, the Board has determined that the relief requested by the applicant may be granted without substantial detriment to the public good and otherwise without impairing the intent and purpose of the Zoning Plan and Ordinances of the Township of Gloucester because of the size and shape of the lot and the Board was of the opinion that the benefits exceed any detriment; and

WHEREAS, the statutory purposes will be advanced by the granting of the relief requested;

NOW THEREFORE BE IT RESOLVED, by the Zoning Board of Adjustment of the Township of Gloucester on this 14th day of March 2018, the applicant Walter Tomlinson is hereby granted the aforesaid variances for the property located upon Block 11504 Lot 2 & 4 as
shown on the Official Tax Map of the Township of Gloucester, consistent with the testimony, application and exhibits, same of which are incorporated herein.
ROLL CALL:

LIST NAMES
Rich Rosetti Yes
Andy Rosati Yes
Carmen Scarduzzio Yes
Mike Acevedo Yes
Kevin Bucceroni Yes
Frank Simiriglia Yes
Jay McMullin Yes

ZONING BOARD OF ADJUSTMENT
TOWNSHIP OF GLOUCESTER

Jay McMullin Chairperson

I, Ken Lechner, Secretary of the Board of Adjustment of the Township of Gloucester, do hereby certify the foregoing Resolution is a true and accurate copy of the Resolution adopted by the Zoning Board of Adjustment of the Township of Gloucester on the 28th day of March, 2018.

Ken Lechner, Secretary

Prepared by:
ANThony P. COSTA, ESqUire
TOWNSHIP OF GLOUCESTER
Inter-office Correspondence

TO: Zoning Board of Adjustment
FROM: Kenneth D. Lechner, PP, AICP, Director/Planner
Department of Community Development & Planning

RE: APPLICATION #182004C
Maureen DiPietro
402 Apple Avenue
BLOCK 5903 LOT 8

DATE: March 7, 2018

The above application is to permit a 6' x 15' front porch within the R-3 Residential district as per the submitted sketch.

I. ZONING INFORMATION
   1. Zone: R-3 ~ Residential District [§405].

R-3 Zone Requirements (§405.F):

<table>
<thead>
<tr>
<th>Standard</th>
<th>Required</th>
<th>Proposed</th>
<th>Complies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum lot size</td>
<td>9,375 sf</td>
<td>11,500 sf</td>
<td>yes</td>
</tr>
<tr>
<td>Minimum lot frontage</td>
<td>75 ft.</td>
<td>100 ft.</td>
<td>yes</td>
</tr>
<tr>
<td>Minimum lot depth</td>
<td>125 ft.</td>
<td>115 ft.</td>
<td>enc</td>
</tr>
<tr>
<td><strong>Maximum building coverage</strong></td>
<td>20%</td>
<td>±23.3%*</td>
<td>no*</td>
</tr>
<tr>
<td>Maximum lot coverage</td>
<td>40%</td>
<td>±27.7%†</td>
<td>yes</td>
</tr>
</tbody>
</table>

PRINCIPAL BUILDING MINIMUM YARD DEPTHS AND HEIGHT LIMITATIONS

| Front yard (porch)           | 30 ft.   | 25 ft.   | no*      |
| Side yard (porch)            | 10 ft.   | ±30 ft.† / ±54 ft.† | yes / yes |
| Rear yard (dwelling)         | 30 ft.   | ±48 ft.  | yes      |
| Minimum Useable Yard Area    | 25%      | ≥ 25%    | yes      |
| Maximum Height               | 35 ft.   | n/a      | n/a      |

† = Scaled data.
enc = Existing nonconformance.
= Variance required.

Variance Expiration: The applicant is advised that variances will expire unless construction commences within two (2) years of the date of the granting of the variance.

II. VARIANCE COMMENTS

The application as submitted requires the following variances from the Area, Yard, Height and Building Coverage and Additional Uses and Structures Permitted in Residential District standards:

§405.F, Area, Yard, Height, and Building Coverage
1. Front yard: (25 ft. provided v. 30 ft. minimum required).
2. Building coverage: (±23.3% provide v. 20% maximum allowed).
POSITIVE CRITERIA ("C1" and "C2" variances)

The Applicant must address and the Zoning Board of Adjustment consider the following in satisfying the positive criteria for the requested residential district setback variance:

3. The Board has the power to grant a variance where by reason of exceptional narrowness, shallowness, shape, or topographic conditions or physical features, or an extraordinary and exceptional situation affecting a specific property, the strict application of the zoning regulations would result in peculiar and exceptional practical difficulties to, or exceptional and undue hardship upon the development of such property (basis 40:55D-70c(1)).

4. Also, the Board has the power to grant a variance when the purpose of the Municipal Land Use Law would be advanced by the deviation of the zoning ordinance and the benefits would substantially outweigh the detriments (basis N.J.S.A. 40:55-70c(2)).

NEGATIVE CRITERIA

The Board should not grant a variance unless it is clearly demonstrated that said variance can be granted without substantial detriment to the public good and will not substantially impair the intent and purpose of the zone plan and zoning ordinance (basis 40:55D-70).

III. **NOTICE REQUIREMENTS**

The applicant must notice for the following variances:

From Section 405.F, Area, Yard, Height, and Building Coverage to permit a front porch twenty five (25) feet from the front property line (30 ft. minimum required) and a building coverage of approximately twenty three and three tenths (23.3) percent (20% maximum allowed).

VI. **RECOMMENDATIONS**

1. The Applicant must address the above underlined comments.

I have no further comments regarding this application at this time; however, I reserve the right to provide additional comments during the public hearing to advance the planning process.

cc: Maureen DiPierro  
Anthony Costa, Esq.  
James Mellett, PE
TOWNSHIP OF GLOUCESTER
Chews-Landing Clementon Road at Hider Lane
P.O. Box 8 Blackwood, NJ 08012
(856) 374-3511 Planning    (856) 374-3512 Zoning    (856) 232-6229

For Office Use Only

Submission Date: ________________ Application No.: 1820045

☐ Planning Board  ☒ Zoning Board of Adjustment

Upon receipt of all fees, documents, plans, etc.

Fees: $100  Project #: 12010

Escrow: 150  Escrow #: 12010

LAND DEVELOPMENT APPLICATION

1. Applicant
   Name: Marina DiPietro
   Address: 402 Apple Ave
   City: Blackwood
   State, Zip: NJ 08012
   Phone: (609) 284-8557 Fax: ( )
   Email: 

2. Owner(s) (List all Owners)
   Name(s): Marina DiPietro
   Address: 402 Apple Ave
   City: Blackwood
   State, Zip: NJ 08012
   Phone: (609) 284-8557 Fax: ( )

3. Type of Application. Check as many as apply:
   □ Informal Review
   □ Minor Subdivision
   □ Preliminary Major Subdivision
   □ Final Major Subdivision
   □ Minor Site Plan
   □ Preliminary Major Site Plan
   □ Final Major Site Plan
   □ Conditional Use Approval
   □ General Development Plan
   □ Planned Development
   □ Interpretation
   □ Appeal of Administrative Decision
   □ Bulk "C" Variance
   □ Use "D" Variance
   □ Site Plan Waiver
   □ Rezoning Request
   □ Redevelopment Agreement

3 Legal advertisement and notice is required to all property owners within 200 feet.

4. Zoning Districts (Circle all Zones that apply)

<table>
<thead>
<tr>
<th>ER</th>
<th>R4</th>
<th>GCR</th>
<th>CR</th>
<th>BP</th>
<th>G-RD</th>
<th>LP-1</th>
</tr>
</thead>
<tbody>
<tr>
<td>R1</td>
<td>RA</td>
<td>BWD</td>
<td>NC</td>
<td>IN</td>
<td>M-RD</td>
<td>NVBP</td>
</tr>
<tr>
<td>R2</td>
<td>APT</td>
<td>OR</td>
<td>HC</td>
<td>PR</td>
<td>BW-RD</td>
<td>SCR-HC Overlay</td>
</tr>
<tr>
<td>R3</td>
<td>SCR</td>
<td>OF</td>
<td>GI</td>
<td>FP</td>
<td>1-RD</td>
<td>NVSCR Overlay</td>
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5. The following applicants are required to be represented by a New Jersey Attorney: Corporation, Partnership, Limited Liability Corporation and Limited Liability Partnership

Name of Attorney: ____________________________
Address: ____________________________
City: ____________________________
State, Zip: ____________________________
Phone: ( ) Fax: ( )
Email: ____________________________
6. Name of Persons Preparing Plans and Reports:

<table>
<thead>
<tr>
<th>Name: Donald Snowman</th>
<th>Name: __________________________</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address: 665 N Acoma St</td>
<td>Address: ________________________</td>
</tr>
<tr>
<td>Profession: Architect</td>
<td>Profession: _____________________</td>
</tr>
<tr>
<td>City: Woodbury</td>
<td>City: __________________________</td>
</tr>
<tr>
<td>State, Zip: NJ 08096</td>
<td>State, Zip: ____________________</td>
</tr>
<tr>
<td>Phone: (560) 855-1019 Fax: (560) 855-4808</td>
<td>Phone: (<em><strong>) ____ Fax: (</strong></em>) ____</td>
</tr>
<tr>
<td>Email: <a href="mailto:donsnow@ci.professional.com">donsnow@ci.professional.com</a></td>
<td>Email: _________________________</td>
</tr>
</tbody>
</table>

7. Location of Property:

<table>
<thead>
<tr>
<th>Street Address: 408 Apple Ave</th>
<th>Block(s): 5-903</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tract Area:</td>
<td>Lot(s): 8</td>
</tr>
</tbody>
</table>

8. Land Use:

<table>
<thead>
<tr>
<th>Existing Land Use: Residential</th>
</tr>
</thead>
</table>

9. Property:

<table>
<thead>
<tr>
<th>Number of Existing Lots:</th>
<th>Proposed Form of Ownership:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>□ Fee Simple □ Cooperative</td>
</tr>
<tr>
<td></td>
<td>□ Condominium □ Rental</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Are there existing deed restrictions?</th>
<th>Are there proposed deed restrictions?</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ No □ Yes</td>
<td>□ No □ Yes (If yes, attach copies)</td>
</tr>
</tbody>
</table>

10. Utilities: (Check those that apply.)

<table>
<thead>
<tr>
<th>□ Public Water</th>
<th>□ Public Sewer</th>
<th>□ Private Well</th>
<th>□ Private Septic System</th>
</tr>
</thead>
</table>

11. List of Application Submission Materials:

List all additional materials on an additional sheet.

12. List Previous or Pending Applications for this Parcel:

List all applications on a separate sheet.
13. Zoning

<table>
<thead>
<tr>
<th>All Applications</th>
<th>Proposed</th>
<th>Fence Application</th>
<th>Proposed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Front setback 1</td>
<td></td>
<td>Setback from E.O.P.*1</td>
<td></td>
</tr>
<tr>
<td>Front setback 2</td>
<td></td>
<td>Setback from E.O.P.*2</td>
<td></td>
</tr>
<tr>
<td>Rear setback</td>
<td></td>
<td>Fence type</td>
<td></td>
</tr>
<tr>
<td>Side setback 1</td>
<td>16.87'</td>
<td>Fence height</td>
<td></td>
</tr>
<tr>
<td>Side setback 2</td>
<td>15.4'</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lot frontage</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lot depth</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lot area</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Building height</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*E.O.P. = Edge Of Pavement.

Pool Requirements

|                  |          |                   |          |
| Setback from R.O.W.1 |          |                   |          |
| Setback from R.O.W.2 |          |                   |          |
| Setback from property line 1 |          |                   |          |
| Setback from property line 2 |          |                   |          |
| Distance from dwelling |          | Distance = measured from edge of water. |          |
| R.O.W. = Right-of-way. |          |                   |          |
| Setback = Measured from edge of pool apron. |          |                   |          |

Garage Application

|                  |          | Shed Requirements |          |
| Garage Area      |          | Shed area         |          |
| Garage height    |          | Shed height       |          |
| Number of garages|          | Setback from R.O.W.1 |          |
| (Include attached garage if applicable) |          | Setback from R.O.W.2 |          |
| Number of stories|          | Setback from property line 1 |          |
|                  |          | Setback from property line 2 |          |

14. Parking and Loading Requirements:

| Number of parking spaces required: | Number of parking spaces provided: |
| Number of loading spaces required: | Number of loading spaces provided: |

15. Relief Requested:

☐ Check here if zoning variances are required.

☐ Check here if exceptions to the application or municipal requirements are requested (N.J.S.A. 40:55D-51).

☐ Check here if exceptions to the Residential Site Improvement Standards (RSIS, N.J.A.C. 5:21-3.1) are requested.

☐ Check here if waivers from the Residential Site Improvement Standards (RSIS, N.J.A.C. 5:21-3.2) are requested. [Such waivers require application to, and approval of the N.J. Site Improvement Advisory Board].

NOTE: If any of above are required, attach hereto separate exhibit(s) for each category of relief sought, stating the factual basis, legal theory, and whether they have been previously granted.

16. Signature of Applicant

[Signature]

[Date] 2/14/18

Signature of Co-applicant

[Signature]
17. Consent of Owner(s):
I, the undersigned, being the owner(s) of the lot or tract described in this application, hereby consent to the making of this application and the approval of the plans submitted herewith. I further consent to the inspection of this property in connection with this application as deemed necessary by the municipal agency. (If owned by a corporation, attach a resolution authorizing application and officer signature).

Date

Signature

Print Name

Sworn and Subscribed to before me this

day of

(Year).

Signature

Print Name

Complete each of the following sections:

A. Is this application to subdivide a parcel of land into six or more lots?
B. Is this application for a variance to construct a multiple dwelling of 25 or more family units?
C. Is this application for approval on a site or sites for commercial purposes?
D. Is the applicant a corporation?
E. Is the applicant a limited liability corporation?
F. Is the applicant a partnership?

If YES to any of the above:
1. List the names and addresses of all stockholders or individual partners owning at least 10 percent of its stock of any class or at least 10 percent of the interest in partnership, as the case may be. (Use additional sheets as necessary).
2. Does a corporation or partnership own 10 percent or more of the stock in this corporation or partnership?

If YES:
List the names and addresses of the stockholders of that corporation holding 10 percent or more of the stock or 10 percent or greater interest in that partnership, as the case may be. This requirement is to be followed by every corporate stockholder or partnership, until the names and addresses of the non-corporate stockholder and individual partners with 10 percent or more ownership have been listed. (Use additional sheets as necessary).

Signature of Applicant

Print Name

Date

19. Survey waiver certification:
As of the date of this application, I hereby certify that the survey submitted with this application, under the date of 2-14-18, shows and discloses the premises in its entirety, described as Block 5903 Lot 8, and I further certify that no buildings, fences or other facilities have been constructed, installed or otherwise located on the premises after the date of the survey with the exception of the structures shown.

State of New Jersey,
County of Camden,
Maureen DiPietro, of full age, being duly sworn to law, on oath and says that all of the above statement herein is true.

Name of property owner or applicant

Sworn and subscribed to on this 14th day of February 2018, before the following authority.

Notary public

CATHLEEN DICICCIO
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires April 21, 2019
ZONING PERMIT DENIED

Applicant
CIPRIANI BUILDERS, INC
365 N. Brown Street
Woodbury, NJ 08096

Real Estate Owner
DIPERTO, MAUREEN
402 APPLE AVE
BLACKWOOD, NJ 08012

This is to certify that the above-named applied for a permit to / authorization for:

- a proposed 16'x6' front yard porch addition located 25' from the front property line. This
application for approval is hereby denied.

Comments on Decision:

Porches encroached within the 30' front yard setback, a Variance approval is required prior to issuance of a permit.

Additional permits must be obtained through the Construction Office.

Gloucester Township
P. O. Box 38
Blackwood, NJ 08012
(609) 226-4060 FAX(609) 252-6229

Alisa Oso
Zoning Officer
January 26, 2018
Applic No. 11968

Deliver to...

CIPRIANI BUILDERS, INC
365 N. Brown Street
Woodbury, NJ 08096
To Whom It May Concern:

Our records indicate that the below referenced property is current with taxes and there are no outstanding liens.

Name: Maureen Difrancesco
Address: 402 Apple Ave, Blackwood
Block: 5903 Lot: 8

If you have any questions, please feel free to contact the tax office at 856-228-4000.

Sandra L. Ferguson
Gloucester Township Tax Collector

2/14/18
<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
<th>Code</th>
<th>Check No</th>
<th>Batch Id</th>
<th>Batch Reference</th>
<th>DCRT</th>
<th>CRT 1</th>
<th>CRT 2</th>
<th>CRT 3</th>
<th>CRT 4</th>
<th>CRT 5</th>
<th>CRT 6</th>
<th>CRT 7</th>
<th>CRT 8</th>
</tr>
</thead>
<tbody>
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<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>2/15/95</td>
<td>2,159.55</td>
<td>2,159.55</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
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<td>0.00</td>
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<tr>
<td>2/15/96</td>
<td>4,319.09</td>
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<td>2,159.55</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

Property Location: 402 Apple Avenue
Tax Year: 2018 to 2018

Township of Gloucester

Page No: 1

February 14, 2018
Township of Gloucester  
Dept. of Community Development  
P.O. Box 8  
Blackwood, New Jersey 08012

Re: Application #182004C  
Maureen DiPierto  
402 Apple Avenue, Blackwood, NJ 08012  
Block 5903, Lot 8

Gentlemen:

In response to your transmittal regarding the above application, approval will have no effect on the sanitary sewer system.

Should you have any further questions, please feel free to contact me.

Very truly yours,

THE GLOUCESTER TOWNSHIP  
MUNICIPAL UTILITIES AUTHORITY

[Signature]  
Raymond J. Carr  
Executive Director

RJC: mh
TOWNSHIP OF GLOUCESTER
ZONING BOARD TRANSMITTAL

DATE: February 15, 2018
APPLICANT: Maureen DiPietro
APPLICATION No. #182004C
BLOCK(S): 5903 LOT(S): 8
LOCATION: 402 Apple Ave., Blackwood, NJ 08012
PROJECT No. 12010

TRANSMITTAL TO:
☐ Township Engineer
☐ Camden County Planning Board
☐ N.J. American Water Co.
☐ Taxes
☐ Zoning Board Planner
☐ Traffic Officer
☐ Aqua N.J. Water Co.
☐ Construction
☐ Tax Assessor
☐ G.T.M.U.A.
☐ Fire District 1 2 3 4 5 6

STATUS OF APPLICATION:
☒ New Application - Bulk C
☐ Revision to Prior Application

PURPOSE OF TRANSMITTAL:
☒ For Your Review.
☐ For Your Files.

Please Forward Report by February 26, 2018

ENCLOSED:
☐ 2 Copies - Minor Subdivision Plat, 2 County Apps. 1 Twp. App.
☐ 1 Copy - Minor Site Plan
☐ 1 Copy - Minor Subdivision Plat
☐ 3 Copies - Preliminary. Site Plan, 2 County Apps and 1 Twp. App.
☐ 3 Copies - Major Subdivision - Preliminary. Plat, 2 County Apps. 1 Twp. App.
☐ 1 Copy - Major Subdivision - Preliminary. Plat
☐ 1 Copy - Preliminary Site Plan
☐ 1 Copy - Major Subdivision - Final Plat.
☐ 1 Copy - Final Site Plan
☐ 3 Copies - Major Subdiv. - Final Plat, 1 Dev. Plan, 2 County Apps. 1 Twp. App.
☐ 1 Copy - Amended Site Plan
☐ 1 Copy - Major Subdivision - Amended Plat
☐ 1 Copy - Traffic Report
☐ 1 Copy - Development Plan
☐ 1 Copy - Drainage Calculations
☐ 1 Copy - E.I.S.
☐ Recycling Report

☐ Variance Plan ☒ Bulk (C) Variance ☐ Use (D) Variance

OK 2-15-18 JRS WJS

Signature
TOUMAN OF GLOUCESTER
ZONING BOARD TRANSMITTAL

DATE: February 15, 2018
APPLICANT: Maureen DiPietro

APPLICATION No. #182004C

PROJECT No. 12010

BLOCK(S): 5903 LOT(S): 8
LOCATION: 402 Apple Ave., Blackwood, NJ 08012

TRANSMITTAL TO:
[ ] Township Engineer
[ ] Zoning Board Planner
[ ] Camden County Planning Board
[ ] Traffic Officer
[ ] Aqua N.J. Water Co.
[ ] Taxes
[ ] Construction
[ ] G.T.M.U.A.
[ ] Fire District 1 2 3 4 5 6

STATUS OF APPLICATION:
[ ] New Application - Bulk C
[ ] Revision to Prior Application

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[ ] For Your Review.
[ ] For Your Files.

Please Forward Report by February 26, 2018

ENCLOSED:
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[ ] 1 Copy - Minor Site Plan
[ ] 1 Copy - Minor Subdivision Plat
[ ] 3 Copies - Preliminary Site Plan, 2 County Apps and 1 Twp. App.
[ ] 3 Copies - Major Subdivision - Preliminary Plat, 2 County Apps. 1 Twp. App.
[ ] 1 Copy - Major Subdivision - Preliminary Plat
[ ] 1 Copy - Preliminary Site Plan
[ ] 1 Copy - Major Subdivision - Final Plat
[ ] 1 Copy - Final Site Plan
[ ] 3 Copies - Major Subdivision - Final Plat, 1 Dev. Plan, 2 County Apps. 1 Twp. App.
[ ] 1 Copy - Amended Site Plan
[ ] 1 Copy - Major Subdivision - Amended Plat
[ ] 1 Copy - Traffic Report
[ ] 1 Copy - Development Plan
[ ] 1 Copy - Drainage Calculations
[ ] 1 Copy - E.I.S.
[ ] Recycling Report
[ ] Variance Plan
[ ] Bulk (C) Variance
[ ] Use (D) Variance

Signature

[Signature]
2/15/18

No Issues.
The Applicant requests approval for an existing 8' x 11' deck with steps attached to an above ground swimming pool with a 4.5-foot side yard setback within the R-3 Residential District as indicated on the attached sketch.

I. **ZONING INFORMATION**

### R-3 ZONE REQUIREMENTS:

<table>
<thead>
<tr>
<th>Description</th>
<th>Required</th>
<th>Proposed</th>
<th>Complies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum lot size</td>
<td>9,375 sf</td>
<td>13,047 sf</td>
<td>yes</td>
</tr>
<tr>
<td>Minimum lot frontage</td>
<td>75 ft.</td>
<td>79.25 ft.</td>
<td>yes</td>
</tr>
<tr>
<td>Minimum lot depth</td>
<td>125 ft.</td>
<td>122.57 ft</td>
<td>enc</td>
</tr>
<tr>
<td>Maximum building coverage</td>
<td>20%</td>
<td>±10.5%1</td>
<td>yes</td>
</tr>
<tr>
<td>Maximum lot coverage</td>
<td>40%</td>
<td>±19.1%1</td>
<td>yes</td>
</tr>
</tbody>
</table>

#### Principal Building Minimum Yard Depths and Height Limitations

<table>
<thead>
<tr>
<th>Description</th>
<th>Required</th>
<th>Proposed</th>
<th>Complies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Front yard (dwelling)</td>
<td>30 ft.</td>
<td>32.7 ft.</td>
<td>yes</td>
</tr>
<tr>
<td>Side yard</td>
<td>10 ft.</td>
<td>17.9 ft. / 38.5 ft.</td>
<td>yes / no</td>
</tr>
<tr>
<td>Rear yard</td>
<td>30 ft.</td>
<td>±26 ft.</td>
<td>enc</td>
</tr>
<tr>
<td>Minimum Useable Yard Area</td>
<td>25%</td>
<td>&gt; 25%</td>
<td>yes</td>
</tr>
<tr>
<td>Maximum Height</td>
<td>35 ft.</td>
<td>n/a</td>
<td>n/a</td>
</tr>
</tbody>
</table>

### RESIDENTIAL SWIMMING POOL REQUIREMENTS

<table>
<thead>
<tr>
<th>Description</th>
<th>Required</th>
<th>Proposed</th>
<th>Complies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Front yard (deck)²</td>
<td>30 ft.</td>
<td>±80 ft.</td>
<td>yes</td>
</tr>
<tr>
<td>Side yard (deck)²</td>
<td>10 ft.</td>
<td>4.5 ft.</td>
<td>no²</td>
</tr>
<tr>
<td><strong>Side yard (deck)²</strong></td>
<td>10 ft.</td>
<td>±100 ft.</td>
<td>yes</td>
</tr>
<tr>
<td>Rear yard (deck)²</td>
<td>10 ft.</td>
<td>≥ 10 ft.</td>
<td>yes</td>
</tr>
<tr>
<td>Distance from dwelling (porch)</td>
<td>10 ft.</td>
<td>n/p</td>
<td>---</td>
</tr>
</tbody>
</table>

¹ = Scaled data.

² = Existing nonconformance.

n/p = not provided.

Variance Required: The applicant is advised that variances will expire unless construction commences within two (2) years of the date of the granting of the variance.
II. VARIANCE COMMENTS

The application requires the following variances from the Land Development Ordinance based on scaled data from the sketch (survey) provided by the Applicant.

§422.K, Residential Swimming Pools and Cabana
1. Side Yard (deck with steps): (4.5 ft. provided v. 10 ft. min. required).

POSITIVE CRITERIA ("C1" and "C2" variances)
2. The Applicant must address and the Zoning Board of Adjustment consider the following in satisfying the positive criteria for the requested setback variance:
   a. The Board has the power to grant a variance where by reason of exceptional narrowness, shallowness, shape, or topographic conditions or physical features, or an extraordinary and exceptional situation affecting a specific property, the strict application of the zoning regulations would result in peculiar and exceptional practical difficulties to, or exceptional and undue hardship upon the development of such property (basis 40:55D-70c(1)).
   b. Also, the Board has the power to grant a variance when the purpose of the Municipal Land Use Law would be advanced by the deviation of the zoning ordinance and the benefits would substantially outweigh the detriments (basis N.J.S.A. 40:55-70c(2)).

NEGATIVE CRITERIA
The Board should not grant a variance unless it is clearly demonstrated that said variance can be granted without substantial detriment to the public good and will not substantially impair the intent and purpose of the zone plan and zoning ordinance (basis 40:55D-70).

III. NOTICE REQUIREMENTS

The applicant must notice for the following variances:

From Section 422.K(2) to permit a deck with steps for an existing above ground swimming pool four and five tenths (4.5) feet from the side property line (10 ft. minimum required).

IV. RECOMMENDATIONS

1. The Applicant must address the underlined comments.

I have no further comments regarding this application at this time; however, reserve the right to provide additional comments during the public hearing to advance the planning process.

cc: Harry & Dawn Rivell
    Anthony Costa, Esq.
    James Mellett, PE, Churchill Consulting Engineers
TOWNSHIP OF GLOUCESTER
Chews-Landing Clementon Road at Hider Lane
P.O. Box 8 Blackwood, NJ 08012
(856) 374-3511 Planning  (856) 374-3512 Zoning  (856) 232-6229

For Office Use Only

<table>
<thead>
<tr>
<th>Submission Date:</th>
<th>Application No.:</th>
<th>Taxes Paid Yes/No:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>(Initial)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fees: 16000</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Project #: 1243</td>
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<tr>
<td></td>
<td></td>
<td>Escr. 15000</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Escr. #: 12×43</td>
</tr>
</tbody>
</table>

Upon receipt of all fees, documents, plans, etc.

LAND DEVELOPMENT APPLICATION

1. Applicant

<table>
<thead>
<tr>
<th>Name:</th>
<th>Harry's Dawn Kittl</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address:</td>
<td>106 Deer Lane</td>
</tr>
<tr>
<td>City:</td>
<td>Somerdale</td>
</tr>
<tr>
<td>State, Zip:</td>
<td>NJ, 08083</td>
</tr>
<tr>
<td>Phone:</td>
<td>856-937-6246(Fax:)</td>
</tr>
<tr>
<td>Email:</td>
<td></td>
</tr>
</tbody>
</table>

2. Owner(s) (List all Owners)

<table>
<thead>
<tr>
<th>Name(s):</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Address:</td>
<td></td>
</tr>
<tr>
<td>City:</td>
<td></td>
</tr>
<tr>
<td>State, Zip:</td>
<td></td>
</tr>
<tr>
<td>Phone: (<strong>) - Fax: (</strong>) -</td>
<td></td>
</tr>
</tbody>
</table>

3. Type of Application. Check as many as apply:

- [ ] Informal Review
- [x] Planned Development
- [ ] Minor Subdivision
- [ ] Interpretation
- [ ] Preliminary Major Subdivision
- [ ] Appeal of Administrative Officer's Decision
- [ ] Final Major Subdivision
- [ ] Bulk "C" Variance
- [ ] Minor Site Plan
- [ ] Use "D" Variance
- [ ] Preliminary Major Site Plan
- [ ] Site Plan Waiver
- [ ] Final Major Site Plan
- [ ] Rezoning Request
- [ ] Conditional Use Approval
- [ ] Redevelopment Agreement
- [ ] General Development Plan

Legal advertisement and notice is required to all property owners within 200 feet.

4. Zoning Districts (Circle all Zones that apply)

<table>
<thead>
<tr>
<th>ER</th>
<th>R4</th>
<th>GCR</th>
<th>CR</th>
<th>BP</th>
<th>G-RD</th>
<th>LP-1</th>
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</thead>
<tbody>
<tr>
<td>R1</td>
<td>RA</td>
<td>BWD</td>
<td>NC</td>
<td>IN</td>
<td>M-RD</td>
<td>NV/BP</td>
</tr>
<tr>
<td>R2</td>
<td>APT</td>
<td>OR</td>
<td>HC</td>
<td>PR</td>
<td>BW-RD</td>
<td>SCR-HC Overlay</td>
</tr>
<tr>
<td>R3</td>
<td>SCR</td>
<td>OF</td>
<td>GI</td>
<td>FP</td>
<td>L-RD</td>
<td>NVSCR Overlay</td>
</tr>
</tbody>
</table>

5. The following applicants are required to be represented by a New Jersey Attorney: Corporation, Partnership, Limited Liability Corporation and Limited Liability Partnership

| Name of Attorney: | | Firm: |
|-------------------|----------|
| Address: | | State, Zip: |
| City: | | Phone: (__) - Fax: (__) - |
| Email: | |
6. Name of Persons Preparing Plans and Reports:

<table>
<thead>
<tr>
<th>Name:</th>
<th>Harry Quill</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address:</td>
<td>106 Bee Lane</td>
</tr>
<tr>
<td>Profession:</td>
<td>Construction</td>
</tr>
<tr>
<td>City:</td>
<td>Somerdale</td>
</tr>
<tr>
<td>State, Zip:</td>
<td>NJ, 08073</td>
</tr>
<tr>
<td>Phone:</td>
<td>(256) 952-6246</td>
</tr>
<tr>
<td>Fax:</td>
<td>(<strong>-</strong>-__)</td>
</tr>
<tr>
<td>Email:</td>
<td>______________</td>
</tr>
</tbody>
</table>

7. Location of Property:

| Street Address: | 106 Bee Lane |
| Block(s):       | 9206 |
| Tract Area:     | ____________ |
| Lot(s):         | 9 |

8. Land Use:

| Existing Land Use: | Residential |
| Proposed Land Use (Describe Application): | 11' x 9' and steps SIDE set back 4'5' |

9. Property:

| Number of Existing Lots: | ____________ |
| Number of Proposed Lots: | ____________ |

| Are there existing deed restrictions? | □ No □ Yes | (If yes, attach copies) |
| Are there proposed deed restrictions? | □ No □ Yes |

10. Utilities: (Check those that apply.)

| □ Public Water | □ Public Sewer | □ Private Well | □ Private Septic System |

11. List of Application Submission Materials:

List all additional materials on an additional sheet.

12. List Previous or Pending Applications for this Parcel:

List all applications on a separate sheet.
### 13. Zoning

<table>
<thead>
<tr>
<th>All Applications</th>
<th>Proposed</th>
<th>Fence Application</th>
<th>Proposed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Front setback 1</td>
<td>________</td>
<td>Setback from E.O.P.*1</td>
<td>________</td>
</tr>
<tr>
<td>Front setback 2</td>
<td>________</td>
<td>Setback from E.O.P.*2</td>
<td>________</td>
</tr>
<tr>
<td>Rear setback</td>
<td><strong>15</strong></td>
<td>Fence type</td>
<td>________</td>
</tr>
<tr>
<td>Side setback 1</td>
<td><strong>42</strong></td>
<td>Fence height</td>
<td>________</td>
</tr>
<tr>
<td>Side setback 2</td>
<td>________</td>
<td></td>
<td>________</td>
</tr>
<tr>
<td>Lot frontage</td>
<td>________</td>
<td></td>
<td>________</td>
</tr>
<tr>
<td>Lot depth</td>
<td>________</td>
<td></td>
<td>________</td>
</tr>
<tr>
<td>Lot area</td>
<td>________</td>
<td></td>
<td>________</td>
</tr>
<tr>
<td>Building height</td>
<td>________</td>
<td></td>
<td>________</td>
</tr>
</tbody>
</table>

*E.O.P. = Edge Of Pavement.

#### Pool Requirements
- Setback from R.O.W.1
- Setback from R.O.W.2
- Setback from property line 1
- Setback from property line 2
- Distance from dwelling
  - Distance = measured from edge of water.
  - Setback = Measured from edge of pool apron.

#### Garage Application
- Garage Area
- Garage height
- Number of garages
  - (Include attached garage if applicable)
- Number of stories

#### Shed Requirements
- Shed area
- Shed height
- Setback from R.O.W.1
- Setback from R.O.W.2
- Setback from property line 1
- Setback from property line 2

### 14. Parking and Loading Requirements:
- Number of parking spaces required: ________
- Number of parking spaces provided: ________
- Number of loading spaces required: ________
- Number of loading spaces provided: ________

### 15. Relief Requested:
- ☑ Check here if zoning variances are required.
- □ Check here if exceptions to the application or municipal requirements are requested (N.J.S.A. 40:55D-51).
- □ Check here if exceptions to the Residential Site Improvement Standards (RSIS, N.J.A.C. 5:21-3.1) are requested.
- □ Check here if waivers from the Residential Site Improvement Standards (RSIS, N.J.A.C. 5:21-3.2) are requested.
  - [Such waivers require application to, and approval of the N.J. Site Improvement Advisory Board.]

**NOTE:** If any of above are required, attach hereto separate exhibit(s) for each category of relief sought, stating the factual basis, legal theory, and whether they have been previously granted.

### 16. Signature of Applicant

[Signature]

Date: 3-1-18

Signature of Co-applicant

Date
17. Consent of Owner(s):
I, the undersigned, being the owner(s) of the lot or tract described in this application, hereby consent to the making of this application and the approval of the plans submitted herewith. I further consent to the inspection of this property in connection with this application as deemed necessary by the municipal agency. (If owned by a corporation, attach a resolution authorizing application and officer signature).

Date: 3-1-18

Signature: [Signature]

Print Name: [OLGA POLLARD]

Notary Public of New Jersey
Commission Expires April 11, 2018

Complete each of the following sections:
A. Is this application to subdivide a parcel of land into six or more lots?
B. Is this application for a variance to construct a multiple dwelling of 25 or more family units?
C. Is this application for approval on a site or sites for commercial purposes?
D. Is the applicant a corporation?
E. Is the applicant a limited liability corporation?
F. Is the applicant a partnership?

IF YES TO ANY OF THE ABOVE:
1. List the names and addresses of all stockholders or individual partners owning at least 10 percent of its stock of any class or at least 10 percent of the interest in partnership, as the case may be. (Use additional sheets as necessary).
2. Does a corporation or partnership own 10 percent or more of the stock in this corporation or partnership?

IF YES:
List the names and addresses of the stockholders of that corporation holding 10 percent or more of the stock or 10 percent or greater interest in that partnership, as the case may be. This requirement is to be followed by every corporate stockholder or partnership, until the names and addresses of the non-corporate stockholder and individual partners with 10 percent or more ownership have been listed. (Use additional sheets as necessary).

Signature of Applicant: [Signature]

Print Name: [Harry J. Pivel]

Date: 3-1-18

19. Survey waiver certification:
As of the date of this application, I hereby certify that the survey submitted with this application, under the date of 4/14/18, shows and discloses the premises in its entirety, described as Block 9206 Lot 9, and I further certify that no buildings, fences or other facilities have been constructed, installed or otherwise located on the premises after the date of the survey with the exception of the structures shown.

State of New Jersey,
County of Camden:
Harry J. Pivel of full age, being duly sworn to law, on oath and says that all of the above statement herein is true.

Sworn and subscribed to
On this 1st day of March 2018 before the following authority.

Signature: [Signature]

Print Name: [OLGA POLLARD]

Notary Public of New Jersey
Commission Expires April 11, 2018
To Whom It May Concern:

Our records indicate that the below referenced property is current with taxes and there are no outstanding liens.

Name: Rivell Harry and Dawn
Address: 106 Bee Lane
Block: 9206 Lot: 9

If you have any questions, please feel free to contact the tax office at 856-228-4000.

Sandra L. Ferguson
Gloucester Township Tax Collector

OFFICIAL VERIFICATION

1261 Chews Landing-Clementon Rd., at Hider Lane • P.O. Box 8, Blackwood, New Jersey 08012
(856) 228-4000 • FAX: (856) 374-3527 (Clerk) • FAX: (856) 374-3528 (Finance)
www.glotwp.com
TOWNSHIP OF GLOUCESTER
ZONING BOARD TRANSMITTAL

DATE: March 5, 2018

APPLICANT: Harry & Dawn Rivell

BLOCK(S): 9206 LOT(S): 9

LOCATION: 106 Bee Lane, Somerdale, NJ 08083

TRANSMITTAL TO:
- Township Engineer
- Camden County Planning Board
- N.J. American Water Co.
- Taxes
- Zoning Board Planner
- Traffic Officer
- Aqua N.J. Water Co.
- Construction
- Tax Assessor
- G.T.M.U.A.
- Fire District 1 2 3 4 5 6

STATUS OF APPLICATION:
- New Application - Bulk C
- Revision to Prior Application

PURPOSE OF TRANSMITTAL:
- For Your Review.
- Please Forward Report by March 16, 2018
- For Your Files.

ENCLOSED:
- 2 Copies - Minor Subdivision Plat, 2 County Apps. 1 Twp. App.
- 1 Copy - Minor Site Plan
- 1 Copy - Minor Subdivision Plat
- 3 Copies - Preliminary, Site Plan, 2 County Apps and 1 Twp. App.
- 3 Copies - Major Subdivision - Preliminary, Plat, 2 County Apps. 1 Twp. App.
- 1 Copy - Major Subdivision - Preliminary, Plat
- 1 Copy - Preliminary Site Plan
- 1 Copy - Major Subdivision - Final Plat
- 1 Copy - Final Site Plan
- 3 Copies - Major Subdiv. - Final Plat, 1 Dev. Plan, 2 County Apps. 1 Twp. App.
- 1 Copy - Amended Site Plan
- 1 Copy - Major Subdivision - Amended Plat
- 1 Copy - Traffic Report
- 1 Copy - Development Plan
- 1 Copy - Drainage Calculations
- 1 Copy - E.I.S.
- Recycling Report
- Variance Plan
- Bulk (C) Variance
- Use (D) Variance

OK 3-13-18 JLG - require construction permit

Signature
March 8, 2018

Township of Gloucester
Dept. of Community Development
P.O. Box 8
Blackwood, New Jersey 08012

Re: Application #182007C
Harry & Dawn Rivell
106 Bee Lane, Somerdale, NJ 08083
Block 9206, Lot 9

Gentlemen:

In response to your transmittal regarding the above application, approval will have no effect on the sanitary sewer system.

Should you have any further questions, please feel free to contact me.

Very truly yours,

THE GLOUCESTER TOWNSHIP
MUNICIPAL UTILITIES AUTHORITY

[Signature]

Raymond J. Carr
Executive Director

RJC:mh
TOWNSHIP OF GLOUCESTER
ZONING BOARD TRANSMITTAL

DATE: March 5, 2018
APPLICANT: Harry & Dawn Rivell
APPLICATION No. #182007C
BLOCK(S): 9206 LOT(S): 9
PROJECT No. 12043
LOCATION: 106 Bee Lane, Somerdale, NJ 08083

TRANSMITTAL TO:
☐ Township Engineer
☐ Camden County Planning Board
☐ N.J. American Water Co.
☐ Taxes
☐ Zoning Board Planner
☐ Traffic Officer
☐ Aqua N.J. Water Co.
☐ Construction
☐ Tax Assessor
☐ G.T.M.U.A.
☐ Fire District 1 2 3 4 5 6

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☐ Revision to Prior Application

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☐ 1 Copy - Amended Site Plan
☐ 1 Copy - Major Subdivision - Amended Plat
☐ 1 Copy - Traffic Report
☐ 1 Copy - Development Plan
☐ 1 Copy - Drainage Calculations
☐ 1 Copy - E.I.S.
☐ Recycling Report

☒ Variance Plan
☒ Bulk (C) Variance
☐ Use (D) Variance

Signature

3/5/18

No Issues.
# TOWNSHIP OF GLOUCESTER

Chews-Landing Clementon Road at Hider Lane  
P.O. Box 8 Blackwood, NJ 08012  
(856) 374-3511 Planning  (856) 374-3512 Zoning  (856) 232-6229

## For Office Use Only

- Submission Date: ___________
- Application No.: #172045
- Fees: ________
- Project #: ________
- Escr.: ________
- Escr. #: ________

## LAND DEVELOPMENT APPLICATION

### 1. Applicant

- Name: Lance's Tavern, LLC
- Address: 7 Coles Road
- City: Blackwood
- State, Zip: NJ, 08012
- Phone: (____) 227-2314  Fax: (____) ______
- Email: __________

### 2. Owner(s) (List all Owners)

- Name(s): Same
- Address: __________
- City: __________
- State, Zip: __________
- Phone: (____) _______  Fax: (____) ______

### 3. Type of Application. Check as many as apply:

- Informal Review
- Minor Subdivision
- Preliminary Major Subdivision
- Final Major Subdivision
- Preliminary Major Site Plan
- Final Major Site Plan
- Conditional Use Approval
- General Development Plan

- Planned Development
- Interpretation
- Appeal of Administrative Officer's Decision
- Bulk "C" Variance
- Use "D" Variance
- Site Plan Waiver
- Rezoning Request
- Redevelopment Agreement

- __________

### 4. Zoning Districts (Circle all Zones that apply)

<table>
<thead>
<tr>
<th>ER</th>
<th>R4</th>
<th>GCR</th>
<th>CR</th>
<th>BP</th>
<th>G-RD</th>
<th>LP-1</th>
</tr>
</thead>
<tbody>
<tr>
<td>R1</td>
<td>RA</td>
<td>BWD</td>
<td>NC</td>
<td>IN</td>
<td>M-RD</td>
<td>NVBP</td>
</tr>
<tr>
<td>R2</td>
<td>APT</td>
<td>OR</td>
<td>HC</td>
<td>PR</td>
<td>BW-RD</td>
<td>SCR-HC Overlay</td>
</tr>
<tr>
<td>R3</td>
<td>SCR</td>
<td>OF</td>
<td>GI</td>
<td>FP</td>
<td>L-RD</td>
<td>NVSCR Overlay</td>
</tr>
</tbody>
</table>

### 5. The following applicants are required to be represented by a New Jersey Attorney: Corporation, Partnership, Limited Liability Corporation and Limited Liability Partnership

- Name of Attorney: Dennis L. Riley
- Address: 200 Golfview Drive
- City: Blackwood
- State, Zip: New Jersey 08012
- Phone: (____) 232-3800  Fax: (____) 232-3800
- Email: dennisrilleyesq@gmail.com
6. Name of Persons Preparing Plans and Reports:

Name: James A. Clancy, P.E., P.L.S.
Address: 601 Asbury Avenue
Profession: Engineer, Planner, Surveyor
City: National Park
State, Zip: New Jersey 08063
Phone: ( ) 853-7306 Fax: ( ) 853-7381
Email: jclancy@clancyassoc@comast.net

Name: __________________________
Address: __________________________
Profession: __________________________
City: __________________________
State, Zip: __________________________
Phone: ( ) __________________________ Fax: ( ) __________________________
Email: __________________________

7. Location of Property:

Street Address: 7 Coles Road
Tract Area: 2.887 A.C. +/-
Block(s): 8301
Lot(s): 7 (formerly 5, 6, 7 & 8)

8. Land Use:

Existing Land Use: Restaurant, Liquor Store Tavern with outside raised patio
Proposed Land Use (Describe Application): Overlay of existing parking lot and expansion of non-conforming use parking lot to provide 177 parking spots and curbing for Restaurant, Liquor Store, Tavern with outside raised patio. Replacement of existing 6 ft fence.

9. Property:

Number of Existing Lots: 1
Number of Proposed Lots: 1

Proposed Form of Ownership:
- Fee Simple
- Condominium
- Cooperative
- Rental

Are there existing deed restrictions? [ ] No [ ] Yes (If yes, attach copies)
Are there proposed deed restrictions? [ ] No [ ] Yes

10. Utilities: (Check those that apply.)

- Public Water
- Public Sewer
- Private Well
- Private Septic System

11. List of Application Submission Materials:

List all additional materials on an additional sheet.

12. List Previous or Pending Applications for this Parcel:

List all applications on a separate sheet.
### 13. Zoning

<table>
<thead>
<tr>
<th>All Applications</th>
<th>Proposed</th>
<th>Fence Application</th>
<th>Proposed</th>
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</thead>
<tbody>
<tr>
<td>Front setback 1</td>
<td>22.2'</td>
<td>Setback from E.O.P.*1</td>
<td>N/A</td>
</tr>
<tr>
<td>Front setback 2</td>
<td>24.9'</td>
<td>Setback from E.O.P.*2</td>
<td>N/A</td>
</tr>
<tr>
<td>Rear setback</td>
<td>192.6'</td>
<td>Fence type</td>
<td></td>
</tr>
<tr>
<td>Side setback 1</td>
<td>124.9'</td>
<td>Fence height</td>
<td>6' on East Border</td>
</tr>
<tr>
<td>Side setback 2</td>
<td>188.5'</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lot frontage</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lot depth</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lot area</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Building height</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Pool Requirements**
- Setback from R.O.W.1: N/A
- Setback from R.O.W.2: N/A
- Setback from property line 1: N/A
- Setback from property line 2: N/A
- Distance from dwelling: N/A

*E.O.P. = Edge Of Pavement.
R.O.W. = Right-of-way.
Setback = Measured from edge of pool apron.

### 14. Parking and Loading Requirements:

- Number of parking spaces required: 85
- Number of parking spaces provided: 177
- Number of loading spaces required: N/A
- Number of loading spaces provided: N/A

### 15. Relief Requested:

- ☐ Check here if zoning variances are required.
- ☐ Check here if exceptions to the application or municipal requirements are requested (N.J.S.A. 40:55D-51).
- ☐ Check here if exceptions to the Residential Site Improvement Standards (RSIS, N.J.A.C. 5:21-3.1) are requested.
- ☐ Check here if waivers from the Residential Site Improvement Standards (RSIS, N.J.A.C. 5:21-3.2) are requested. [Such waivers require application to, and approval of the N.J. Site Improvement Advisory Board].

**NOTE:** If any of above are required, attach hereto separate exhibit(s) for each category of relief sought, stating the factual basis, legal theory, and whether they have been previously granted.

### 16. Signature of Applicant

[Signature and Date]

### 16. Signature of Co-applicant

[Signature and Date]
17. Consent of Owner(s):
I, the undersigned, being the owner(s) of the lot or tract described in this application, hereby consent to the making of this application and the approval of the plans submitted herewith. I further consent to the inspection of this property in connection with this application as deemed necessary by the municipal agency. (If owned by a corporation, attach a resolution authorizing application and officer signature).

<table>
<thead>
<tr>
<th>Date</th>
<th>Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-15-18</td>
<td>Lance Oberparleiter</td>
</tr>
</tbody>
</table>

Sworn and Subscribed to before me this 15th day of January, 2018.

Print Name: Managing Member
Signature:

Complete each of the following sections:
A. Is this application to subdivide a parcel of land into six or more lots?
B. Is this application for a variance to construct a multiple dwelling of 25 or more family units?
C. Is this application for approval on a site or sites for commercial purposes?
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<table>
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</thead>
<tbody>
<tr>
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</tr>
</tbody>
</table>

Print Name: Managing Member

19. Survey waiver certification:
As of the date of this application, I hereby certify that the survey submitted with this application, under the date of _______________, shows and discloses the premises in its entirety, described as Block _______ Lot _______; and I further certify that no buildings, fences or other facilities have been constructed, installed or otherwise located on the premises after the date of the survey with the exception of the structures shown.

State of New Jersey,
County of Camden:
__________________________________________ of full age, being duly sworn to law, on oath and says that all of the above statement herein is true.

Name of property owner or applicant: __________________________
Sworn and subscribed to:
On this __________ day of __________, 20____ before the following authority.

Notary public
SKEETERS PUB

COMPREHENSIVE STORMWATER REPORT

BLOCK 8301  LOTS 5, 6, 7 & 8
GLOUCESTER TOWNSHIP
CAMDEN COUNTY, NEW JERSEY
PROJECT NO. C-314

ISSUE DATE: AUGUST 2017

Prepared By
HCE&S, LLC
601 Asbury Avenue
National Park, New Jersey 08063
(856) 853-7306

James A. Clancy, P.E., P.L.S.
New Jersey Professional Engineer
& Land Surveyor License No. 33998
Table of Contents

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Table of Contents --
Executive Summary I
   A. Introduction
   B. Existing Conditions
   C. Proposed Conditions
   D. Proposed Stormwater Management System
Soils Information II
Recharge Requirements III
Summary of Flows IV
Water Quality Analysis V
Pre-Development Analysis VI

Post Development Analysis VII
   • Post Development Uncontrolled
   • Post Development Flows to Basin
   • Post Development Routing
Executive Summary

A. Introduction

This report has been prepared for the proposed overlay of an existing stone parking area in the Township of Gloucester, Camden County, New Jersey. This report has been prepared as part of the requirements for Land Development within the Township of Gloucester and it addresses the Standards of the Residential Site Improvement Standards (RSIS).

The site is known as Block 8301, Lots 5,6,7 & 8 on the Township of Gloucester Tax Maps in Camden County, New Jersey.

The Calculations contained in this report used the Standards and Practice as outlined by the Soil Conservation Service (SCS) of the United States Department of Agriculture (USDA), the RSIS, the New Jersey Department of Environmental Protection Better Management Practice Manual (NJDEP BMP) and the local Land use Ordinance of the Township of Gloucester, Camden County, New Jersey. The report estimates and describes the following:

- The estimated stormwater runoff and peak discharge flow rates for the Existing Condition of the site.
- The estimated stormwater runoff and discharge flow rates for the Post Developed Conditions of the site.
- The proposed located, description and design calculations for the Stormwater Management System.

The Technical Release 55 (TR-55) as developed by the SCS was utilized as the Standard for estimating the stormwater runoff and peak discharge rates for the existing and proposed site. The estimated stormwater runoff and peak flow rates were obtained for the existing and proposed conditions of the site for the NJDEP 1 year water quality storm, 2, 10 and 100 year frequency storm intervals.

B. Existing Conditions

Hydrologist Soil Group Type 'B' which exhibit a slope infiltration rate when thoroughly wet.

Using the TR-55 method a Time of Concentration (Tc) was determined for each of the existing drainage areas using the longest drainage path through the drainage area. Using specific parameters for conditions of the drainage area was calculated. Using the characteristics or parameters, the estimated stormwater runoff and peak discharge flow rates can be calculated. The individual existing drainage areas are then combined and combined existing drainage total for the peak discharge flow rates for the 2, 10, and 100 year storm frequency interval is determined. A summary of the estimated peak discharge flow rates is provided below. Data and calculations are provided in Section VI.
Pre-Development Flows

<table>
<thead>
<tr>
<th>Event (yr)</th>
<th>Total Pre-Development</th>
<th>Reduction Factor</th>
<th>Allowable Post</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>0.33 CFS</td>
<td>0.5</td>
<td>0.17 CFS</td>
</tr>
<tr>
<td>10</td>
<td>0.61 CFS</td>
<td>0.75</td>
<td>0.46 CFS</td>
</tr>
<tr>
<td>100</td>
<td>1.16 CFS</td>
<td>0.80</td>
<td>0.93 CFS</td>
</tr>
</tbody>
</table>

C. Proposed Conditions

Based upon the proposed development grading and drainage plans, one (1) overall drainage area for the site is delineated. This drainage area contributes flow to the proposed underground stone basin. Additional landscaping areas were added in the existing paved areas to reduce the overall impervious from 9890 sf to 7770 sf.

Post Development conditions were analyzed by the TR-55 Methodology with the Post Development 2, 10, 100 year storm event peak flows being controlled to 50%, 75%, and 80% of the Pre-Development flows respectively. Additionally, recharge and water quality volume is infiltrated through the basin bottom and the basin within a seventy-two (72) hour period.

The summary of the results are provided below.

Post Development Flows

<table>
<thead>
<tr>
<th>Event (yr)</th>
<th>Post Development To Basin</th>
<th>Post Routed From Basin</th>
<th>Post Development Allowable</th>
<th>Discharge</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>0.5 CFS</td>
<td>0.0 CFS</td>
<td>0.17 CFS</td>
<td>0.1</td>
</tr>
<tr>
<td>10</td>
<td>0.61 CFS</td>
<td>0.0 CFS</td>
<td>0.46 CFS</td>
<td>0.1</td>
</tr>
<tr>
<td>100</td>
<td>1.16 CFS</td>
<td>0.0 CFS</td>
<td>0.93 CFS</td>
<td>0.82</td>
</tr>
</tbody>
</table>
D. Proposed Stormwater Management System

D-1 Proposed Stormwater Management Infiltration / Detention Requirements

As Part of the Stormwater Management Systems, the collected stormwater from the entire site will be directed to proposed stormwater infiltration basin located on the easterly position of the site. The proposed infiltration basin will retain stormwater runoff from the increased impervious coverage and allow for detention for the larger storms.

Using Hydraflow 2004, a computer program, design and routing calculations were performed for each requirement design storm frequency.

The basin must be designed to recharge the different between the two (2) year Post Development volume and the two (2) Pre – Development volume.

\[2 \text{ year Pre} = 1202 \text{ CF}\]
\[2 \text{ year Post} = 1998 \text{ CF}\]

\[\text{Difference of 2 year} = 1998 \text{ CF} - 1202 \text{ CF} = 796 \text{ CF}\]

Recharge Provided

Basin = 1998 CF

As seen above the basin is designed to recharged more than the 2 year difference therefore the 2 year stormwater requirement are met.

The 1 year water quality is 7770sf x 1.25/12 = 809.4 cf which is also met

D-2 Basin Dewatering Calculation and Emergency Drain Time

Drainage rate - 4 in/hr assuming K3 soil

Applying a Factor of Safety of 2.0 \( (4/2 = 2 \text{ in/hr}) \)

Average Percolation rate 2 inch/hr

time to dewater Basin

The depth required to infiltration basin is 1.5'

\[= 1.5 \text{ ft} \times \left( \frac{12 \text{ in}}{1 \text{ ft}} \right) \times \left( \frac{1 \text{ hr}}{2 \text{ in}} \right) = 9 \text{ hours} < 72 \text{ hours} \ O.K\]
D-3 Miscellaneous Drainage Features

The ordinance NJDEP BMP manual requires a two-foot separation between the bottom of the basin and seasonal high water table. The basin meets or exceeds the conditions stated above by providing the required two feet of separation between the bottom of the basin and the seasonal high water table.

D-4 Analysis and Calculations

The design of the site intended to reduce the impact of the stormwater runoff on the developed site. The proposed stormwater basin attenuates the increased runoff generated by the development to provide allowed discharges out of the basin for all storm events up to and including the 100-year storm. Also, the basin stores and infiltrates the amount of stormwater required by the NJDEP.

Lastly, the impact of the proposed site development has been effectively reduced, thus minimizing the potential erosion and flooding around the area and total impact to neighboring sites.
# Table of Contents

Hydraflo Hydrographs by Intelsolve

Wednesday, Aug 30 2017, 3:40 PM

## 1 - Year
- Summary Report ................................................................. 1
- Hydrograph Reports .......................................................... 2
  - Hydrograph No. 3, Reservoir, basin .................................. 2
  - Pond Report ................................................................. 3

## 2 - Year
- Summary Report ................................................................. 4
- Hydrograph Reports .......................................................... 5
  - Hydrograph No. 3, Reservoir, basin .................................. 5
  - Pond Report ................................................................. 6

## 10 - Year
- Summary Report ................................................................. 7
- Hydrograph Reports .......................................................... 8
  - Hydrograph No. 3, Reservoir, basin .................................. 8
  - Pond Report ................................................................. 9

## 100 - Year
- Summary Report ................................................................. 10
- Hydrograph Reports .......................................................... 11
  - Hydrograph No. 3, Reservoir, basin .................................. 11
  - Pond Report ................................................................. 12
## Hydrograph Summary Report

<table>
<thead>
<tr>
<th>Hyd. No.</th>
<th>Hydrograph type (origin)</th>
<th>Peak flow (cfs)</th>
<th>Time interval (min)</th>
<th>Time to peak (min)</th>
<th>Volume (cuft)</th>
<th>Inflow hyd(s)</th>
<th>Maximum elevation (ft)</th>
<th>Maximum storage (cuft)</th>
<th>Hydrograph description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>SCS Runoff</td>
<td>0.05</td>
<td>1</td>
<td>727</td>
<td>196</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Existing</td>
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<tr>
<td>2</td>
<td>SCS Runoff</td>
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<td>1</td>
<td>726</td>
<td>672</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Proposed</td>
</tr>
<tr>
<td>3</td>
<td>Reservoir</td>
<td>0.00</td>
<td>1</td>
<td>1013</td>
<td>581</td>
<td>2</td>
<td>41.61</td>
<td>492</td>
<td>basin</td>
</tr>
</tbody>
</table>

Skeeters.gpw

Return Period: 1 Year

Wednesday, Aug 30 2017, 3:40 PM
Hydrograph Plot

Hyd. No. 3

basin

- Hydrograph type = Reservoir
- Storm frequency = 1 yrs
- Inflow hyd. No. = 2
- Reservoir name = Storage

Peak discharge = 0.00 cfs
Time interval = 1 min
Max. Elevation = 41.61 ft
Max. Storage = 492 cu ft

Storage Indication method used.

Hydrograph Volume = 581 culft

---

![Hydrograph Plot](Image)

Hyd No. 3

---

Hyd No. 2
Pond Report

Hydraulics Hydrographs by Inflow Solve

Pond No. 1 - Storage

Pond Data
Bottom LxW = 200.0 x 4.0 ft Side slope = 0.0:1 Bottom Elev. = 41.00 ft Depth = 4.00 ft

Stage / Storage Table

<table>
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<th>Elevation (ft)</th>
<th>Contour area (sqft)</th>
<th>Incr. Storage (cuf)</th>
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Culvert / Orifice Structures

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Weir Structures

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<tr>
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Exfiltration = 0.200 in/hr (Wet area) Tailwater Elev = 0.00 ft

Note: Culvert/Orifice outflows have been analyzed under inlet and outlet control

Stage / Discharge

Stage (ft)

Stage (ft)

Discharge (cfs)
### Hydrograph Summary Report

<table>
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<tr>
<th>Hyd. No.</th>
<th>Hydrograph type (origin)</th>
<th>Peak flow (cfs)</th>
<th>Time interval (min)</th>
<th>Time to peak (min)</th>
<th>Volume (cuft)</th>
<th>Inflow hyd(s)</th>
<th>Maximum elevation (ft)</th>
<th>Maximum storage (cuft)</th>
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**Return Period: 2 Year**  
**Wednesday, Aug 30 2017, 3:40 PM**

*Skeeters.gpw*
Hydrograph Plot

Hydraflow Hydrographs by Intellisolve

Hyd. No. 3
basin

Hydrograph type = Reservoir
Storm frequency = 2 yrs
Inflow hyd. No. = 2
Reservoir name = Storage

Peak discharge = 0.01 cfs
Time interval = 1 min
Max. Elevation = 43.02 ft
Max. Storage = 1,615 cuft

Storage Indication method used.

Hydrograph Volume = 981 cuft

---

basin

Hyd. No. 3 -- 2 Yr

Q (cfs)

0.00  0.05  0.10  0.15  0.20  0.25  0.30  0.35  0.40  0.45  0.50

0  5  10  15  20  25  30  35  40  45  50

Time (hrs)

--- Hyd No. 3 --- Hyd No. 2
Pond Report

Hydraflo Hydrographs by Intellisolve

Pond No. 1 - Storage

Pond Data

Bottom LxW = 200.0 x 4.0 ft   Side slope = 0.0:1   Bottom elev. = 41.00 ft   Depth = 4.00 ft

Stage / Storage Table

<table>
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<tr>
<th>Stage (ft)</th>
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Culvert / Orifice Structures

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Exfiltration = 0.200 in/hr (Wet area) Tailwater Elev. = 0.00 ft

Note: Culvert/Orifice outflows have been analyzed under inlet and outlet control.

Stage / Discharge

--- Total Q

Stage (ft)

Discharge (cfs)
## Hydrograph Summary Report

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Skeeters.gpw  
Return Period: 10 Year  
Wednesday, Aug 30 2017, 3:40 PM
Hydrograph Plot

Hyd. No. 3
basin
Hydrograph type = Reservoir
Storm frequency = 10 yrs
Inflow hyd. No. = 2
Reservoir name = Storage

Peak discharge = 0.01 cfs
Time interval = 1 min
Max. Elevation = 44.27 ft
Max. Storage = 2,613 cuft

Storage Indication method used.  
Hydrograph Volume = 1,294 cuft

---

basin
Hyd. No. 3 -- 10 Yr

--- Hyd No. 3 --- Hyd No. 2

---
Pond Report

Hydraflow Hydrographs by Intelisolve

Pond No. 1 - Storage

Pond Data
Bottom LxW = 200.0 x 4.0 ft  Side slope = 0.0:1  Bottom elev. = 41.00 ft  Depth = 4.00 ft

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<td>N-Value</td>
<td>0.13</td>
<td>.000</td>
<td>.000</td>
</tr>
<tr>
<td>Orif. Coeff.</td>
<td>0.60</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Multi-Stage</td>
<td>n/a</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

Weir Structures

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crest Len (ft)</td>
<td>10.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Crest El. (ft)</td>
<td>44.50</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Weir Coeff.</td>
<td>3.33</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Weir Type</td>
<td>Rect</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>Multi-Stage</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

Exfiltration = 0.200 in/hr (Wet area)  Tailwater Elev. = 0.00 ft

Stage / Discharge

Note: Culvert/Orifice outflows have been analyzed under inlet and outlet control.
## Hydrograph Summary Report

<table>
<thead>
<tr>
<th>Hyd. No.</th>
<th>Hydrograph Type (origin)</th>
<th>Peak flow (cfs)</th>
<th>Time interval (min)</th>
<th>Time to peak (min)</th>
<th>Volume (cuft)</th>
<th>Inflow hyd(s)</th>
<th>Maximum elevation (ft)</th>
<th>Maximum storage (cuft)</th>
<th>Hydrograph description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>SCS Runoff</td>
<td>1.16</td>
<td>1</td>
<td>726</td>
<td>4,360</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>Existing</td>
</tr>
<tr>
<td>2</td>
<td>SCS Runoff</td>
<td>1.29</td>
<td>1</td>
<td>726</td>
<td>5,376</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>Proposed</td>
</tr>
<tr>
<td>3</td>
<td>Reservoir</td>
<td>0.82</td>
<td>1</td>
<td>735</td>
<td>3,378</td>
<td>2</td>
<td>44.58</td>
<td>2,867</td>
<td>basin</td>
</tr>
</tbody>
</table>

Skeeters.gpw

Return Period: 100 Year

Wednesday, Aug 30 2017, 3:40 PM

Hydraflow Hydrographs by Intelsolve
Hydrograph Plot

Hydraflow Hydrographs by Intesisolve

Hyd. No. 3

basin

Hydrograph type = Reservoir
Storm frequency = 100 yrs
Inflow hyd. No. = 2
Reservoir name = Storage

Peak discharge = 0.82 cfs
Time interval = 1 min
Max. Elevation = 44.58 ft
Max. Storage = 2,867 cuft

Storage Indication method used.

Hydrograph Volume = 3,378 cuft

---

Q (cfs)

Hyd. No. 3 - 100 Yr

---

Q (cfs)

0.00 0.00 1.00 1.00 2.00 2.00

0 5 10 15 19 24 29 34 39 44 48

0.00 10 15 19 24 29 34 39 44 48

--- Hyd No. 3 --- Hyd No. 2

Time (hrs)
Pond No. 1 - Storage

Pond Data
Bottom LxW = 200.0 x 4.0 ft  Side slope = 0.0:1  Bottom elev. = 41.00 ft  Depth = 4.00 ft

Stage / Storage Table

<table>
<thead>
<tr>
<th>Stage (ft)</th>
<th>Elevation (ft)</th>
<th>Contour area (sqft)</th>
<th>Incr. Storage (cuft)</th>
<th>Total storage (cuft)</th>
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</thead>
<tbody>
<tr>
<td>0.00</td>
<td>41.00</td>
<td>800</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>0.20</td>
<td>41.20</td>
<td>800</td>
<td>160</td>
<td>160</td>
</tr>
<tr>
<td>0.40</td>
<td>41.40</td>
<td>800</td>
<td>160</td>
<td>320</td>
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<tr>
<td>0.60</td>
<td>41.60</td>
<td>800</td>
<td>160</td>
<td>480</td>
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<tr>
<td>0.80</td>
<td>41.80</td>
<td>800</td>
<td>160</td>
<td>640</td>
</tr>
<tr>
<td>1.00</td>
<td>42.00</td>
<td>800</td>
<td>160</td>
<td>600</td>
</tr>
<tr>
<td>1.20</td>
<td>42.20</td>
<td>800</td>
<td>160</td>
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<td>1.40</td>
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<td>800</td>
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<td>800</td>
<td>160</td>
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<tr>
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<td>1,440</td>
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<td>2.00</td>
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<td>800</td>
<td>160</td>
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<td>1,760</td>
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<td>800</td>
<td>160</td>
<td>1,920</td>
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<td>800</td>
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<td>800</td>
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<td>2,240</td>
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<td>800</td>
<td>160</td>
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<tr>
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<td>800</td>
<td>160</td>
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<tr>
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<td>800</td>
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<td>4.00</td>
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<td>800</td>
<td>160</td>
<td>3,200</td>
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</table>

Culvert / Orifice Structures

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

No. Barrels = 0
Invert El. (ft) = 0.00
Length (ft) = 0.00
Slope (%) = 0.00
N-Value = .013
Orif. Coeff. = 0.60
Multi-Stage = n/a

Weir Structures

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

Crest Len (ft) = 10.00
Crest El. (ft) = 44.50
Weir Coeff. = 3.33
Weir Type = Rect
Multi-Stage = No

Note: Culvert/Orifice outflows have been analyzed under inlet and outlet control

Exfiltration = 0.200 in/hr (Wet area)  Tailwater Elev. = 0.00 ft

Stage / Discharge

--- Total Q