TOWN OF GOLDEN BEACH BUILDING REGULATORY ADVISORY BOARD APPLICATION and REVIEW PROCEDURE

Thank you for applying to the Building Advisory Board for approval of your project. Below is a brief guideline on how the application review process works and what can be expected. The attached application form contains additional guidelines and information pertinent to your submittal. Please follow all directions contained within the application prior to submitting your package to our office:

Submittal

Submit your completed application package to the Town by the required deadlines which are available on the Town's website at www.goldenbeach.us.

Upon receipt of your application and within the first week after you submit, the Town's zoning and landscape reviewers will perform their first review. Following their review you will receive reports for an approval or comments requesting additional information and/or needed corrections to your plans and/or your application.

Reports

Two basic types of reports can be issued under a zoning and landscape review; the first report that may be issued will list code deficiencies, if any, as the zoning and landscape reviewer sees them in relationship to the Town's current Zoning Code, the report for zoning will be entitled "Planning and Zoning Comments". This process will continue each time updated information is received and until all issues have been addressed.

After all deficiencies have been addressed and the zoning and Landscape reviewers do not find any deficiencies then a second report will be issued entitled "Town of Golden Beach – Community Development Memorandum" this report is the clearance memorandum to allow the item to move forward and be placed on the Agenda for possible approval by the Board. You will receive two separate reports one from zoning and one from landscaping.

Deadlines - Agenda Placement

A positive review prior to the meeting is required in order for your application to be placed on the Agenda. As with all applications sufficient time is needed by the Town's reviewers and staff for processing prior to the item moving forward for placement on the Agenda.

Your application will require a satisfactory review within the seven days prior to the scheduled meeting in order to be placed on the Agenda. If a satisfactory recommendation is not received within the time period specified, then the application will be tabled to the next Building Advisory Board meeting in the next month, pending approval of the application. Building Advisory Board meetings are scheduled for the Second Tuesday of each month pending quorum. All notifications will be sent via email on the progress of your application and the Board's ability to meet.

Special Note

Simple applications might not receive comment sheets and will move directly to a "Town of Golden Beach – Community Development Memorandum" mentioned in the previous paragraph allowing the item to be placed on the Agenda to be heard by the Board.

Questions

You may direct all questions to the Building department via email; lepperson@goldenbeach.us

| Property Location: | Meeting Date: | |
|--|---------------|--|
| Variance Hearing Dates: Advisory Board | Town Council | |
| , | _ | |

APPROVAL FROM THE BUILDING REGULATION ADVISORY BOARD IS REQUIRED FOR:

- A. Plans for new residence
- B. Plans for addition to or exterior alterations of an existing structure.
- C. Additional structures on premises of existing residences
- Review of landscape plan for new construction, renovation or addition to existing residence.
- E. Recommendation to Town Council for the approval or denial of variances and special exceptions.
- F. Recommendation to Town Council for interpretation regarding apparent conflicts or inconsistencies in the zoning provisions in Chapters 46 & 66

APPLICATION HEARING PROCESS

Building Approval:

Applicant shall submit 2 completed packages for review and approval. Each package shall consist of an application, survey, warranty deed and drawings as required. The plans shall be sized as follows: 2 sets 11" x 17" and 1 USB/ flash drive containing everything submitted hard copy (including application). This is separate from the landscaping plan submittal. Landscape Approval - Separate Submittal from the Building Submittal Applicant shall submit 2 complete packages for review and approval. Each package shall consist of an application, existing landscape and tree disposition survey, proposed site plan and landscape plans as required. The plans shall be sized as follows: 1 set 11 x 17, 1 full size set 24" x 36" and 1 USB/ flash drive containing everything submitted hard copy (including application).

Zoning Variance Approval:

Submittal for a zoning variance: submit 2 complete packages for approval: each package shall consist of an application, survey, warranty deed and drawings are required. The plans shall be sized as follows: 2 sets 11" x 17" and 1 USB/ flash drive containing everything submitted hard copy (including application).

Final Submittal Requirement:

<u>Eight days prior to the meeting and after all approvals have been obtained</u>. The applicant shall submit for the Board's approval an additional 8 completed application packages, for both Building and Landscaping, which shall consist of a copy of the completed application, approved plans 8 sets 11 x 17 of the approved building and landscape applications, a survey, warranty deed, any other required documentation by the reviewer, and USB/ flash drive containing everything submitted hard copy (including application).

The Building Regulation Advisory Board (B.R.A.B.) meets at 6:00 P. M. on the second Tuesday of every month. Applications <u>must</u> be submitted <u>40 days</u>, prior to scheduled

Any variances required must be heard and approved by the Town Council after the Building Regulation Advisory Board has considered the item. The Variance will be heard by the Town Council, in the following month, (on the third Tuesday), after the Building Regulation Advisory Board's action, at the Town Council's regularly scheduled meeting.

NOTICE*

INCOMPLETE APPLICATIONS <u>WILL NOT BE PROCESSED</u>. PLEASE MAKE SURE THAT YOU, THE APPLICANT, HAVE CHECKED AND MARKED ALL THE REQUIREMENTS OF THE APPLICATION.

- 1. The application deadline date will be adhered to. No application will be accepted after the date and time specified.
- The Building Department will review the application package. If it is determined that the application is incomplete, the item will not be accepted and returned to the applicant for correction.
- 3. During the Forty Day (40) period from the deadline date to the hearing date the following events shall take place in proper order:
 - a) During the first week upon submittal, the zoning and landscape reviewers, or the Town's designated agent will review the application and complete a comment sheet specifying all deficiencies for correction which will be emailed to you the applicant/agent of record.
 - b) Corrections for any deficiencies must be submitted within 15 days of the scheduled meeting/hearing date. Corrections not approved or received for a scheduled Agenda item will be deferred to the next B.R.A.B. meeting/hearing date.
 - c) All applicants shall be made aware that incomplete applications or deficiencies not corrected in time as per these regulations, will not be included on the agenda, and are hereby rejected, and will be returned to the applicant.
 - d) Upon receipt of a Staff Recommendation report approving the project the balance of the applications with plans and documents, need to be submitted to the Building Department for distribution to the Board Members and Staff. The Building Dept. shall retain all originals for the records. At that time the applicant's request will be placed on the Agenda for approval by the B.R.A.B. Board Members.
- 4. After approval of the item by the Board, You will also need to retain a copy of the BRAB approved application package with the minutes for submission at the time of the permit application. Make sure to request a copy of the minutes on the 3rd Tuesday of the following month of your approval.
- 5. If a Variance: A Notice of Hearing for variance will be mailed no later than 10 days before the date of meeting, as per Town Code.
- 6. Variance have a two step process: The Building Advisory Board is a recommendation Board to the Town Council The Town Council is the ultimate authority on Granting or Denial of Variance requests. The Town council will hear your requests for the Variance at the next hearing, it is at that Hearing that the Town Council will either approve or deny your requests. Someone needs to be present at the meeting. The Town Council meetings are held every 3rd Tuesday of every month.
- 7. After approval of the item by the Board, The Resolutions approving your variance will need to be prepared and you will be notified when they are ready to be picked up and get recorded with the Miami Dade County Clerk's recording office. You will need to forward us a Certified copy of recorded Resolutions and retain a copy for your records.
- 8. Required for permitting: A copy of the Certified copy of recorded Resolutions and BRAB approved application package along with the minutes.

TOWN OF GOLDEN BEACH BUILDING REGULATION ADVISORY BOARD SCHEDULE OF FEES

Appropriate fee shall be paid at time of application you will be charged for each item included in the plans. These fees are not refundable.

| Type o | of reque | <u>est</u> | <u>Fee</u> | <u>Qty</u> |
|--------|----------|--|---------------|------------|
| 1. | Reside | ence (new construction) | \$300.00 | |
| 2. | Additio | on/Remodel of existing structure | \$225.00 | |
| 3. | | ng, site walls, driveways, pool decks ged per each item included in the plans) | \$150.00 | |
| 4. | Acces | sory Building or Structure | \$150.00 | |
| 5. | Swimr | ming pools | \$100.00 | |
| 6. | Docks | S | \$100.00 | |
| 7. | Boat L | _ifts | \$100.00 | |
| 9. | Carpo | rts, awnings | \$100.00 | |
| 10 | remod | cape plan review; required for new construction, addition and deling project. (submit plans with site plan elevations separate he building plan approval package) | \$300.00 | |
| 11 | . Resub | omissions, based on original fee paid | 75.0% | |
| 12 | | g Variances and special exceptions, per variance eption: | | |
| | a. | First variance/ exception | \$750.00 | |
| | b. | Per additional variance/exception, for the same initial variance (example: request for a dock, affecting two different codes | \$200.00 | |
| | C. | When a variance is granted, the property owner, at his expense resolution for the variance recorded in the public records of Mia and two (2) certified copies of the recorded resolution shall be Town for inclusion into the property records | mi-Dade count | у, |
| | d. | If the Town Council grants a variance, a building permit must be two years of the approval date or the variance will become null are | | |
| 13 | | est to the Board for verification of any section of the Zoning Code, ach Section to be verified | \$100.00 | |

TOWN OF GOLDEN BEACH BUILDING REGULATION ADIVSORY BOARD SCHEDULE OF FEES

- 14. Application for the legalization of construction built without the approval of the B.R.A.B., when the Board should have approved such construction, will be accessed a fee equal to four (4) times the regular fee applicable to the matter.
- 15. Special Requests for a meeting, variance, or waiver of plat hearing:

If the time limit is exceeded, an additional fee of ½ of the fee

will be accessed for the seconded time period

a. For matters that have been heard, but the process had not been completed, i.e., tabled subjects, or unfinished subjects to be continued, the applicant must notify the Building & Zoning Department in writing if they would like the item continued If the notification is received by the Department before the deadline for the next B.R.A.B. meeting, there will be no charge for the continuance. If the notification is received after the deadline, and the applicant still wants the matter included in the agenda for the next meeting, there will be a special fee of \$200.00 b. If the agenda has already been prepared and the applicant wants the matter to be heard, the request must received in writing to be added to the agenda at the beginning of the meeting with the approval of the Building Official or Building & Zoning Director. There will be a special fee of \$200.00 When a special meeting or hearing of the B.R.A.B. is requested by an applicant, for either a new matter or continuance of a subject already heard, there will be a special fee for a 2 hour time period of \$500.00

\$250.00

| Applicant | Complete application, sign, and notarize. | Bldg |
|------------|---|------|
| check here | | Dept |
| | If a zoning variance is applied for, the petition for variance, pages | Use |
| | 9, 10 and 11 shall be submitted with the application and shall | |
| | include: | |
| | a. Property Legal Description | |
| | b. Property Folio number | |
| | c. Street address | |
| | d. Owners of record | |
| | e. Owner and agent names and signatures properly notarized. | |
| | Initial submittal as directed on page one; surveys, building plans, | |
| | Warranty Deeds, and applications, After Zoning approval is issued | |
| | completed sets are to be submitted 8 days prior to the meeting | |
| | date as follows: Seven (7) copies no larger than 11" x 17" & 1 | |
| | original full size sealed set 24" x 36". The same amount of copies | |
| | are required for a variance. Each completed package shall consist | |
| | of 1 each of an application, survey, Warranty Deed and building | |
| | plans. Submit 1 CD with all documents included | |
| | Conceptual construction drawings prepared and signed by a | |
| | licensed design professional that shall include, at a minimum, the | |
| | following: | |
| | a. Site plan at a scale not less than 1/8" = 1'-0" | |
| | (Include grade elevations) | |
| | b. Proposed Floor Plan views, at a scale not less than 1/4"=1'- | |
| | c. Cross and longitudinal sections preferably through vaulted | |
| | areas, if any. | |
| | d. Typical exterior wall cross section. | |
| | e. Full elevations showing flat roof and roof ridge height and | |
| | any other higher projections. | |
| | f. Sample board of construction materials to be used. | |
| | g. Existing and proposed ground floor elevations (NGVD). | |
| | h. Grading & Drainage Calculations | |
| | i. Zone 3 Properties: Affidavit of Seawall Conformity | |
| | Landscaping Plan, separate from building plan package, | |
| | prepared and signed by a licensed landscape design | |
| | professional: The same amount of copies as outlined in the | |
| | Building plan submittal. Each completed package shall consist of 1 | |
| | each of an application, existing landscape survey, Warranty | |
| | Deed, landscape plans with building site plans. Mark CD | |
| | accordingly (separate from building) | |
| | First Floor and Second Floor area calculations marking the | |
| | geometrical areas used to calculate the overall floor areas. | |
| | Colored rendering showing new construction or proposed | |
| | addition. Marked with the applicable address. | |
| | Estimated cost of proposed work. For additions/remodels fair | |
| | market value of property showing land value and structure value | |
| | separately. | |
| | Site plan detailing construction site personnel parking. | |

| Poguest hearing in reference to: | • • | ication fee: | |
|---|---|---------------------------|--|
| Request hearing in reference to: | | | |
| New residence/addition: | Varia | ance(s): | |
| Exterior alterations: Date application filed: | Othe | r Structure: | |
| Date application filed. | 1 01 1 | leaning date | |
| Project information: Project description: | | | |
| Legal Description: | | | |
| Folio #: | | | |
| Address of Property: | | | |
| | red: YesNoHow Nt variance application form for ea | | |
| Owner's Name: | Phone | Fax | |
| Owner's address: | | | |
| Email address: | | | |
| Agent: | | Fax | |
| Agent's address: | City/State | Zip | |
| Email address: | | | |
| Architect: | | Fax | |
| Email address: | | | |
| Contractor: | | Fax | |
| Describe project and/ | or reason for hearing request:_ | | |
| - | | | |
| | | _ | |
| 4. The following informa | ation is submitted for assisting in | review: | |
| Building Plans: | | | |
| Conceptual: Other: | Preliminary: | Final: | |
| 5. Estimated cost of wo | | | |
| Estimated market val | • | | |
| (Note: If estimated co | Building \$ ost of work is 40% of the market | | |
| independent appraisa | | value of the building all | |

| 6. | Is hearing being requested as a re | esult of a Notic | ce of Violation? | |
|-----|---|------------------|---|--|
| 7. | . Are there any structures on the property that will be demolished? | | | |
| 8. | Does legal description conform to | plat? | | |
| 9. | Owner Certification: I hereby certification: I hereby certification and the correct to the best of my knowled | hat all informa | e owner of record (*) of the property tion supplied herein is true and | |
| Sig | nature of owner(s): | | | |
| Ac | knowledged before me this | | ,, | |
| Ту | pe of identification: | | | |
| | | | | |
| | | | Notary Public | |
| Ov | vner/Power of Attorney Affidavit: | | | |
| | olication and that I am aware of the | e nature and re | r (*) of the property described in this equest for: | |
| | nereby authorizing | | relative to my property and I | |
| rep | presentative before the Building Re | gulation Advis | ory Board and Town Council. | |
| | | | | |
| | | | Signature of owner(s) | |
| Ac | knowledged before me this | day | 20 | |
| Ту | pe of identification: | | | |
| | | | | |
| | | | Notary Public | |

(*) If owner of record is a corporation then the president with corporate seal, the president and the secretary (without corporate seal), or duly authorized agent for the corporation may execute the application, proof that the corporation is a corporation in good standing.

| Property Address: | | | | | |
|--|----------|--------------|--------------|-----------------|----|
| Legal Description: | | | | | |
| Owner's Name: | | Pho | one | Fax | |
| Agent's Name: | | | one | | |
| Board Meeting of: | | | | | |
| NOTE: 1. Incomplete applications 2. Applicant and/or architect Application for: Lot size: Lot area: Frontage: | must be | e present at | meeting. | | |
| Construction Zone: | | | | | |
| Front setback: | | | | | |
| Side Selback. | | | | | |
| Real Selback. | | | | | |
| Coastal Construction: Yes No State Road A1A frontage: | East | of coastal | const. con | trol line: Yes | No |
| Swimming pool: Yes | No | Existing: _ | | Proposed: | |
| Fence Type:Finished Floor elevation N.G.V.D.: | | Existing: _ | | Proposed: | |
| Finished Floor elevation N.G.V.D.: | | | | | |
| Seawall: | | Existing: | | Proposed: | |
| Lot Drainage: | | | | | |
| Lot Drainage: | site? _ | | | | |
| | | | | | |
| Adjacent use (s): | | | | | |
| impervious area: | | | | | |
| % of impervious area: | | | | | |
| Existing ground floor livable area squ | uare foo | tage: | | | |
| Proposed ground floor livable area se | quare to | otage: | | | |
| Existing 2 nd floor livable area square | footage | : | | | |
| Proposed 2 nd floor livable area squar | e footaç | ge: | | | |
| Proposed % of 2 nd floor over ground | floor: | | | | |
| Vaulted area square footage: | | | | | |
| Vaulted height: | | | | | |
| Color of main structure: | | | | | |
| Color of trim: | | | | | |
| Color & material of roof: | -1 | | | | |
| Building height (above finished floor Swale: (Mandatory 10'-0" from edge | elevatio | n): | uido v 1 ft | doon minimum\. | |
| Swale. (Manualory 10-0 from edge | oi payii | ieni, ion. | wide x i it. | deep millimum). | |
| Existing trops in Lat: | | in | Swalo: | | |
| Existing trees in Lot: Proposed trees in Lot: | | in ' | Swale | | |
| Number & type of shrubs: | | | owaic | | |
| Garage Type: | | Existing: | | Proposed | |
| Driveway width & type: | | | | 1 1000000 | |
| | | | | | |
| | | | | | |
| | | | | | |
| Signature of Applicant: | | | | Date: | |

BUILDING REGULATION ADVISORY BOARD APPLICATION (July 2020)

TOWN OF GOLDEN BEACH BUILDING REGULATION ADVISORY BOARD APPLICATION FOR PETITION FOR VARIANCE

| | | Date: |
|---------------|----------|---|
| | | Fee: |
| I, from th | ne terms | hereby petition the Town of Golden Beach for a variance of the Town of Golden Beach Code of Ordinances affecting property located at: Folio No. |
| As spe | | n the attached "Application for Building Regulation Advisory Board" and related |
| 1. | | ariance requested is for relief from the provisions of (<u>list section number(s) of</u> |
| | - | |
| | | |
| 2. | | er to recommend the granting of the variance, it must meet all the following criteria e provide a response to each item): |
| | a. | The Variance is in fact a Variance from a zoning regulation as set forth within the Zoning Chapter of the Town Code. |
| | | |
| | | |
| | | |
| | b. | Special conditions and circumstances exist which are peculiar to the land or structure involved, and which are not applicable to other lands or structures in the same district. |
| | | |
| | | |
| | | |
| | C. | The special conditions and circumstances do not result from the actions of the applicant. |
| | | |
| | | |
| | | |
| | d. | Granting the Variance requested will not confer on the applicant any special privilege that is denied by the Zoning Chapter of the Town Code to other lands or structures in the same district. |
| | | |
| | | |
| | | |

TOWN OF GOLDEN BEACH BUILDING REGULATION ADVISORY BOARD PETITION FOR VARIANCE

| 3. | Literal interpretations of the provisions of the Zoning Chapter of the Town Code would deprive the applicant of rights commonly enjoyed by other properties in the same district under the terms of zoning regulations and would work unnecessary and undue hardship on the applicant. |
|-----|--|
| 4. | The Variance granted is the minimum Variance that will make possible the reasonable use of the land or structure. |
| 5. | The granting of the Variance will be in harmony with the general intent and purpose of the Town Code and the Variance will not be injurious to the area involved or otherwise detrimental to the public welfare. |
| 6. | Does the Variance being requested comply with <u>all</u> the above listed criteria? YesNo Our code states that submission of a written statement is invited and encouraged. Has the applicant (petitioner) explained the variance to the owners of the nearest adjacent residences and sought their approval in writing? Yes No Please attach any written letters of no objection to this petition. |
| 7. | Is this request related to new construction? Yes No |
| 8. | Is construction in progress? |
| 9. | Is this request as a result of a code violation? |
| 10. | Did this condition exist at the time property was acquired? Yes No |
| 11. | Is this request sought as a remedy to a case to be heard, or action taken by the Special Magistrate? |
| 12. | Do you have a building permit? Yes No |
| | Building Permit No Date issued: |

TOWN OF GOLDEN BEACH BUILDING REGULATION ADVISORY BOARD PETITION FOR VARIANCE AFFIDAVIT BY OWNER

| Affidavit by | Owner for Variance Request(s): | : |
|--|---|--|
| Folio No.: | | Address: |
| Legal Desci | iption: | |
| Building Adv construction | visory Board for the hearing date | at He/She is the Owner named in the application for te of relating to Variance requests for d on, or in connection with, the premises located as |
| | ge notification by The Town of cil, is conditioned on the following | Golden Beach, that granting of a variance(s) by The ng: |
| issuc varia 2. If a I gran 3. That Resc | ed within two (2) years from the ance request. Building Permit is not issued wit ting the Variance approval will to as the applicant, and at my colution in the public records of | ntemplated work pursuant to the Variance must be e date of the approval of the Resolution granting such thin the two (2) year time limit set then the Resolution be null and void. own expense, I shall record a certified copy of the of Miami-Dade County and return two (2) certified Hall for inclusion into my property records. |
| Signature of | f Owner or Legal Representative | 'e |
| Sworn to ar | nd subscribed before me this | day of,, |
| | | Notary Public State of Florida at Large |
| Pers | onally know to me | _Produced Identification |

GOLDEN BEACH LANDSCAPE LEGEND Chapter 52 - Landscaping

| Zoning District: Net Lot Area: acres square feet | | |
|---|----------|----------|
| OPEN SPACE A. Square feet of paved area, as indicated on the site plan: | Required | Provided |
| B. Square feet of pervious area, as indicated on site plan: | | |
| TREES A. The number of trees required per net lot acre: =1_ tree per 2,500_ SF of lot area minus number of existing trees Less the existing number of trees meeting minimum requirements | (minus) | |
| B. Min. 2 canopy trees or grouping of palms meeting code requirement in front setback | | |
| C. % palm trees allowed: No. trees required x 40%: | | |
| D. % native trees required: No. trees provided x 50% = | | |
| E. % drought tolerant trees required: No. trees provided x 50% = | | |
| F. Street trees: 1 per 25 linear feet of frontage excluding drivewayslinear feet along street / 25' = | | |
| G. Total number of trees required / provided: | | |
| <u>SHRUBS</u> A. The total number of trees required x 20 = the number of shrubs required | | |
| B. The number of shrubs required x 30% = the number of native shrubs required | | |
| Irrigation Plan: Required by Chapter 52. Automatic Irrigation provided | | |

TOWN OF GOLDEN BEACH DRAINAGE COMPUTATION WORKSHEET

Last updated January 24th, 2017

In order to help professionals designing residential developments (single family units) the Town has developed a worksheet to aid applicants in determining the volume of runoff generated during a 10-year / one-day storm. This has been the adopted Level of Service (LOS) standard in the Town's Comprehensive Plan since December 1988 and is also the drainage standard specified in the Miami-Dade County Public Works Manual, Section D4 - Water Control. The calculations follow the methodology recommended by the SFWMD in their publication "Management and Storage of Surface Waters, Permit Information Manual, Volume 4" and in their publication "Technical Publication EMA #390 - Frequency Analysis of Daily Rainfall Maxima for Central and South Florida" dated January 2001. Applicants may include the calculations on this worksheet with their permit application. A registered professional engineer or a registered architect must perform these calculations.

Once the volume of runoff generated during a 10-year / one-day storm within the property or a sub-basin within the property is determined, the applicant must include calculations showing this volume will be contained within the property. Retention of this volume can be provided within shallow retention swales, injection wells, collection systems for reuse (example - cistern for irrigation), underground drains or other methods approved by the Town.

The applicant must also provide plans showing existing and proposed land elevations throughout the property demonstrating the volume of runoff generated during the design storm (10-year / one-day) will be contained within the on-site retention system. The existing and proposed land elevations must also show no overflow from the property will occur to adjacent properties or Right-of-Ways during a 10- year/one-day storm.

Definitions are located below the worksheet.

| Step 1: | | |
|--------------|--------------------------|---------------|
| Determine A | A= | square feet |
| Step 2: | | |
| Determine AP | AP= | _ square feet |
| | AI= | _ square feet |
| | Note= P= Pervious/ I = I | mpervious |
| | | |

Step 3:

Determine the average NGVD land elevation of pervious areas within property or sub-basin within the property.

| Town of Golden Beach |
|---------------------------------------|
| Drainage Computation Worksheet |
| Last Updated January 24th 2017 |

| Property Address | . | |
|------------------|----------|--|
| | | |

| Average Elevation of Pervious Areas= | feet NGVD |
|--------------------------------------|-----------|
| Average Elevation of Pervious Areas— | ieet NGVD |

Step 4:

Determine the distance between the average high ground water elevation and the average elevation of the previous areas. For design purposes, the average high ground water elevation for most of Golden Beach is 2 feet NGVD (Additionally, please check with your geotechnical engineer and/or geotechnical report.)

| Distance= | feet |
|-----------|------|
| | |

Step 5:

Determine an S₁ value from the table below:

| Distance between ground water table and average elevation of pervious areas, | S ₁ |
|--|----------------|
| 1 foot | 0.45 inches |
| 2 feet | 1.88 inches |
| 3 feet | 4.95 inches |
| 4 feet | 8.18 inches |
| >4 feet | 8.18 inches |

If necessary, compute a value of S_1 by interpolation.

| ^ | • • |
|-----|--------|
| S₁= | inches |
| J1- | HIGHES |

Step 6:

Determine S as:

$$S = \frac{AP}{A} * S$$

S is computed in inches S= _____ inches

Step 7:

Determine runoff depth (R) as:

$$R = \frac{(P-0.2*S)^2}{(P+0.8*S)}$$

Where P= 7.00 inches of rainfall produced during a 10- year/ one-day storm. Then:

$$R = (7.00-0.2*S)^2$$

(7.00+0.8*S)

R is computed in inches R= _____ inches

Step 8:

Determine runoff depth (R) as:

V is computed in cubic feet. V is the volume of runoff generated during a 10 year- year/ one day storm within the property or sub-basin of the property.

V= _____cubic feet

Step 9:

Compute "retention volume provided" (VP) as the retention volume capacity, in cubic feet, of swales, retention areas, and drains within the property or sub-basin within the property.

- o Attach calculation showing how the volume was calculated.
- <u>Calculations must be consistent with existing and proposed elevations shown on design</u> plans.

VP= cubic feet

Step 10:

Compute values of retention volume provided (VP in Step 9) with retention volumes needed (V in Step 8). Retention volume provided (VP) must be larger than retention volume needed (V). (VP= _____ cubic feet) > (V= _____ cubic feet)

NOTE: These volumes calculations are needed to satisfy the Town of Golden Beach Comprehensive Plan Level of Service (LOS) and Code requirements.

| DEFINITIONS | | | |
|-------------|---|-----|--|
| P: | Rainfall depth in inches. | A: | Total area of property in square feet. |
| S: | Soil storage capacity in inches. | AP: | Total pervious areas within property in square feet. |
| R: | Runoff depth in inches. | V: | Volume of runoff in cubic feet. |
| AI: | Total area of roof, pavement patios, pool decks, walkways and any other hardscape areas | | |
| | within the property in square feet (ie., total impervious area). | | |

Note:* means multiply.

TOWN OF GOLDEN BEACH ACKNOWLEDGEMENT and AFFIDAVIT BY OWNER Chapter 46-85 Height of Seawalls and Docks and Extension of Deck of Dock.

of the Code of Ordinances Article IV Seawalls and Docks.

| Affidavit by Ow | ner: | | | | |
|---------------------------------|--|---|--|--|--|
| Folio No.: | Address: | | | | |
| Legal Descripti | | | | | |
| for construction as indicated a | n or other related work to b | t He/She is the Owner named in the permit application be performed on, or in connection with, the premises, at that granting of a permit for construction on said seawall in question; | | | |
| а | 4.425 feet above the No Except as provided in se shall be constructed at maximum not to exceed applied to the seawalls | t seawalls shall be constructed at an elevation of rth American Vertical Datum of 1988 (NAVD-88). ection (b) below, all new and replacement docks a minimum height of 3.425 NAVD-88, and a 4.425 NAVD-88. No finished material installed or or docks shall exceed three inches in thickness. ted to be erected in connection with any dock. | | | |
| b | | onforming seawall exists, a new or replacement d at an elevation which is not more than one foot of the existing seawall. | | | |
| Signature of O | wner or Legal Representati | ve | | | |
| Sworn to and s | subscribed before me this _ | day of | | | |
| | | Notary Public State of Florida at Large | | | |
| Persona | ally know to me | Produced Identification | | | |