MARCH 18, 2014 ZONING HEARING "OTHER BUSINESS" COMMISSION DISTRICT 2

<u>ITEM # 3</u>

PURPOSE

To consider a stipulation amendment for Patrick Malloy Communities, LLC regarding rezoning application Z-175 of 2004 and Z-56 of 2006 (Johnson/Willis, LLC), for property located on the north side of Lee Road (AKA West Lee Road) and on the south side of Westwood Road, west of Atlanta Road in Land Lots 696 and 745 of the 17th District.

BACKGROUND

The subject property was rezoned RA-5 for subdivision in 2004 and 2006. At the time of rezoning, the developer of the property was required to over build the detention pond by discharging storm events to the next higher storm event (i.e the 5 year storm event was discharged at the 2 year rate; the 10 year storm event was discharged at the 5 year rate; the 100 year storm event was discharged at the 50 year rate). The maximum impervious surface for the RA-5 zoning district is a maximum of 40% impervious per lot. The applicant would like to increase this amount to 50% impervious per lot since the pond is designed to carry the additional stormwater, and because most of the lots are required to have rear loaded garages via private alleyways, which in turn increases the impervious surface coverage on each lot. The applicant has submitted an analysis performed by their engineer which supports the request for the increase in impervious surface. Cobb County Stormwater Management has reviewed this request and found it to be consistent with the approved hydrology study. If approved, all previous zoning stipulations would remain in effect.

FUNDING

N/A

STAFF COMMENTS

Stormwater Management: Based on the design engineer's analysis the proposed increase in allowable impervious coverage will still meet the requirements of the approved hydrology study.

RECOMMENDATION

The Board of Commissioners conduct a Public Hearing and consider the proposed stipulation amendment.

ATTACHMENTS

Other Business application and stipulations.

7

Application for "Other Business" Cobb County, Georgia

Cobb County Zoning Division – 770-528-2035)	BOC Hearing Date Requ	ested: February 18, 2014
N. P	YN 1 <i>U</i>	(770) 210 5259
Applicant: Patrick Malloy Communities, LLC	Phone #:	(770) 319-5258
(applicant's name printed) Address: 851 Cedar Street, Carrollton, GA 30117	E-Mail:	john.gaskin@pmcommunities.com
	E-Man:	jenni.guskin@pineenmaanieeseem
Sams, Larkin & Huff, LLP by Garvis L. Sams, Jr. Address: 3'	76 Powder Springs Street, Suite 100, N	Лarietta, GA 30064
representative's name, printed)		
, , , , , , , , , , , , , , , , , , , ,		
Phone #: (770) 422-7	E-Mail: gsams@	samslarkinhuff.com
representative's signature	MINISTES. JOHN ON	
Signed, sealed and delivered in presence of:	Commission	
	HOTARY	
Villue S. Chuston	My commission expires:	04/10/2016
Notary Public	O TATAIRES	· · · · · · · · · · · · · · · · · · ·
	Figure #Y Carlotte	(770) 319-5258
Titleholder(s): Patrick Malloy Communities, LLC (property owner's name pr	inted)	(770) 319-3238
Address: 851 Cedar Street, Carrollton, GA 30117	E-Mail:	john.gaskin@pmcommunities.com
Address.		,
	BIES. SOMNO	
Property owner's signature)	10 M 0740 09. 7	
	My commission expires:	
Signed, sealed and delivered in presence of:	PUBLIC OF	
Nelline S. Orchuston	My commission expires:	04/10/2016
Notary Public	COUNTY	,
	william.	
Commission District: 2	Zoning Case: Nos. Z-17	75 [2004] & Z-56 [2006]
12/21/2004 &	O ' ' ID 4 EII	12/21/2004 &
Date of Zoning Decision: 05/16/2006	Original Date of Hearir	lg: 05/16/2006
SW Intersection of Atlanta Road and Westwood Ro Location: North side of West Lee Road, west of Atlanta Road	ad	
(street address, if applicable; nearest in	tersection, etc.)	
Land Lot(s): 696 and 745	District(s): _	17th
State <u>specifically</u> the need or reason(s) for (Other Business: Clarificati	on of zoning conditions relating to
stormwater management/detention and impervious coverage.		# 1 3
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		e La

A LIMITED LIABILITY PARTNERSHIP

GARVIS L. SAMS, JR. JOEL L. LARKIN PARKS F. HUFF JAMES A. BALLI

SUITE 100 376 POWDER SPRINGS STREET MARIETTA, GEORGIA 30064-3448 770•422•7016 TELEPHONE 770•426•6583 FACSIMILE

JUSTIN H. MEEKS

SAMSLARKINHUFF.COM

January 7, 2014

VIA HAND DELIVERY

Mr. John P. Pederson, AICP, Manager Cobb County Zoning Division Community Development Agency 1150 Powder Springs Road, Suite 400 Marietta, GA 30064

Re: Other Business Application of Patrick Malloy Communities, LLC to Clarify

Zoning Conditions relating to Stormwater Management/Detention and Impervious

Coverage regarding Zoning Case Nos. Z-75 [2004] & Z-56 [2006]

Dear John:

As you know, this firm has been engaged by and represents Patrick Malloy Communities, LLC ("PMC") concerning the above-captioned Other Business Application which we are filing pursuant to the discussions between you and Director Hosack. In that regard, we are requesting that the hearing concerning this matter be scheduled on the Board of Commissioners' "Other Business" Agenda for February 18, 2014 immediately following the regularly scheduled Zoning Hearings that day.

With respect to the foregoing, enclosed is an Other Business Application; Minutes reflecting the two (2) rezoning cases; and other documentation and information incorporated into those Minutes by way of reference. Also enclosed is a copy of a letter from David F. Massey, P.E., General Manager for Gaskins Engineering Surveying and Land Planning, dated August 27, 2013 and five (5) full-sized and one (1) 8.5"x11" copy of the applicable site plan along with a check for the filing and signage fee in the sum Three-Hundred Nine Dollars (\$309.00).

You will recall that PMC was not a part of the original rezonings concerning the subject property which occurred in 2004 (No. Z-175) and 2006 (No. Z-56) for Johnson/Willis, LLC. However, PMC ultimately purchased all twenty-eight (28) undeveloped lots within what is now known as Central Garden Subdivision. The homes which PMC is building are the same architectural style, size and price points dictated by the original rezoning stipulations/ conditions. When the rezonings were approved, they were subject to the District Commissioner approving the final site plan. One of the stipulations/conditions also provided that a maximum of twenty-five percent (25%) of the lots have square footage between 6,000 to 7,000 sq. ft. with no lots having less than 6,000 sq. ft.

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VIA HAND DELIVERY

Mr. John P. Pederson, AICP, Manager Cobb County Zoning Division January 7, 2014 Page 2

After the rezonings of the subject property, Gaskins Engineering & Surveying prepared a Hydrology Report which was used to size the detention pond within Central Garden. In that regard, as mentioned above, enclosed is a copy of a letter from Gaskins' Engineer and General Manager, David Massey, dated August 27, 2013. Mr. Massey's conclusion is that the study measured streets and rear alleys separately and assigned a fifty percent (50%) lot coverage figure to each lot when sizing the detention pond for the subdivision. As a result, Central Garden's detention pond has a significant safety factor which is built into it.

Thus far, nine (9) out of the twelve (12) existing homes within Central Garden Subdivision were approved based upon the fact that the rezonings were predicated upon approval of the site plan which rendered the original rezonings "site plan specific". However, in an abundance of caution and in order to provide a rationale for the manner in which PMC and the County are and have been proceeding, a clarification of the original stipulations/conditions with respect to stormwater management, detention and impervious coverage is indicated.

Please do not hesitate to contact me should you need any additional information or documentation prior to processing this Other Business Application. Additionally, please let me know when the signs are ready so that I can ensure that the subject property is properly posted. With kind regards and best wishes for the New Year, I am

Very truly yours,

SAMS, LARKIN & HUFF, LLP

Garvis L. Sams, Jr.

gsams@samslarkinhuff.com

GLS/dsj Enclosures

Mr. Robert L. Hosack, Jr., AICP Director (via hand delivery w/enclosures) cc: Mr. John Gaskin, Patrick Malloy Communities (via email w/attachments)

MINUTES OF ZONING HEARING COBB COUNTY BOARD OF COMMISSIONERS DECEMBER 21, 2004 PAGE 20

Z-175 JOHNSON/WILLIS, LLC (Dabney Partners, LLC, et al., owners) for Rezoning from R-20 to FST for the purpose of a Residential Subdivision in Land Lots 696 and 745 of the 17th District. Located at the southwest intersection of Atlanta Road and Westwood Road and at the northwest intersection of West Lee Road and Dabney Road.

The public hearing was opened and Mr. Garvis Sams, Jr., Mr. David Bunch, Ms. Mary Rose Barnes, and Mr. Robert Cook addressed the Board. Following presentations and discussion, the following motion was made:

MOTION: Motion by J. Thompson, second by Lee, to <u>delete</u> rezoning to the RA-5 (detached) zoning district subject to:

- maximum of 28 lots
- District Commissioner to approve final site plan
- letter of agreeable stipulations from Mr. Garvis Sams, Jr., dated November 22, 2004 and November 23, 2004 (copy attached and made a part of these minutes)
- maximum of 25% of the lots to be 6,000 to 7,000 square feet, with no lots less than 6,000 square feet; all lots to comply with RA-5 criteria in all other aspects
- Applicant's agreement that property will not be annexed into the City of Smyrna for five year period
- no walls along Westwood Road or West Lee Road
- installation of wood fence along the property line by house(s) on the south side of Atlanta Road
- Historic Preservation comments and recommendations and
- Water and Sewer comments and recommendations
- Stormwater comments and recommendations, with issues resolved at Plan Review
- Cobb DOT comments and recommendations
- owner/developer to enter into a development agreement pursuant to O.C.G.A. 36-71-13 for dedication of system improvements to mitigate traffic concerns

VOTE: ADOPTED 4-1, Olens opposed

APPLICANT: Johnson / Willis, LLC PETITION NO.: Z-175 PETITION FOR: FST PRESENT ZONING: R-20 DRAINAGE COMMENTS **Revision 11-29-04** F100D HAZARD: YES NO POSSIBLY, NOT VERIFIED Laurel Creek of Nickajack Creek DRAINAGE BASIN: Chattahoochee River System FLOOD HAZARD INFO: None FEMA designated 100-year Floodplain Flood. Flood Damage Prevention Ordinance DESIGNATED FLOOD HAZARD. Project subject to the Cobb County Flood Damage Prevention Ordinance Requirements. Dam Breach zone from (upstream) (onsite) lake - need to keep residential buildings out of hazard. WETLANDS: YES \boxtimes NO POSSIBLY, NOT VERIFIED Location: The Owner/Developer is responsible for obtaining any required wetland permits from the U.S. Army Corps of Engineer. STREAMBANK BUFFER ZONE: YES NO POSSIBLY, NOT VERIFIED Metropolitan River Protection Area (within 2000' of Chattahoochee River) ARC (review 35' undisturbed buffer each side of waterway). Chattahoochee River Corridor Tributary Area - County review (_____ undisturbed buffer each side). Georgia Erosion-Sediment Control Law and County Ordinance - County Review/State Review. Georgia DNR Variance may be required to work in 25-foot stream bank buffers. County Buffer Ordinance: 50', 75', 100' or 200' each side of creek channel. DOWNSTREAM CONDITION Potential or Known drainage problems exist for developments downstream from this site. Stormwater discharges must be controlled not to exceed the capacity available in the downstream storm drainage system. Minimize runoff into public roads. Minimize the effect of concentrated stormwater discharges onto adjacent properties. Developer must secure any R.O.W required to receive concentrated discharges where none exist naturally Existing Downstream _____. (Less than 3000 feet downstream) Additional BMP's for erosion sediment controls will be required. ☐ Lake Study needed to document sediment levels. Stormwater discharges through an established residential neighborhood downstream. Project engineer must evaluate the impact of increased volume of runoff generated by the proposed project on downstream stormdrainage system.

APPLICANT: Johnson / Willis, LLC	PETITION NO.: Z-175
PRESENT ZONING: R-20	PETITION FOR: EST
* ***********	*********
DRAINAGE COMMENTS CONTINUED	Revision 11-29-04
	Revision 11-29-04
SPECIAL SITE CONDITIONS	clude development of out parcels.
Provide comprehensive hydrology/stormwater controls to in Submit all proposed site improvements to Plan Review.	
Any spring activity uncovered must be addressed by a qualification of Structural fill must be placed under the direction of	
engineer (PF)	
Existing facility. Project must comply with the Water Quality requirements of Water Quality Ordinance.	of the CWA-NPDES-NPS Permit and County
Water Quality/Quantity contributions of the existing lake, conditions into proposed project.	pond on site must be continued as baseline
Calculate and provide % impervious of project site.	
Revisit design, reduce pavement area to reduce runoff and p	pollution.
INSUFFICIENT INFORMATION	
No Stormwater controls shown Copy of survey is not current - Additional comments may	be forthcoming when current site conditions
are exposed. No site improvements showing on exhibit.	
— Two site improvements showing on exhibit.	
ADDITIONAL COMMENTS/SUGGESTIONS	
 Tract is divided by natural ridges into three drainage detention. 	ge zones. Only one of these zones carries
2) Ground slopes are moderate at below 15% but must be	remanufactured by mass grading to create the
building plateaus necessary for the development sch supported by State Law and County Ordinance and is here.	eme. This degree of mass grading is not
3) Stormwater Management opposes the creation of side h	ill detention and ridge top detention as shown
here. Available ravines are ignored and appear to be	
Recommend detention utilize the natural bottom ravines	
4) Stormwater Management opposes the alleyway concept / alleyways are provided driving up the pavement area	runoff, and pollution discharge. Recommend
alleyways be eliminated in favor of front loaded garages	
5) Tract has significant vegetation, which benefits the area	

and water quality improvement. Under this plan the vegetation and benefits will be removed. Recommend compensation in form of First Flush Water Quality – Best Management Practice requirements elevated to 2-year storm event (with maximum depth at 18 inches) and all higher storm releases controlled to the reasonable allowable discharge of the next lesser storm (i.e.5-year discharge

at 2-year rates; 10-year discharge at 5-year rate; etc to 100-year discharge at 50-year rate).

APPLICANT: Johnson / Willis, LLC PETITION NO.: Z-175

PRESENT ZONING: R-20
PETITION FOR: FST

Revision 11-29-04

Revised Plan submitted by 11-22-04 Letter of Agreeable Stipulations over hand of Garvis L. Sams, Jr., Esq. changes application to conditional RA-5 request and reducing number of proposed units to 30 from 34 Fee Simple Townhouse originally proposed.

- 6) The application includes two (2) lots without road frontage (#17, #18);
- 7) Six (6) additional lots with inadequate road frontage and inadequate size as shown;
- 8) Detention shown 2/3 on 16% hillside and 1/3 ravine bottom which will require excessive grading; detention needs to be moved southerly into area of Lots 16, 17;
- 9) Areas via natural terrain in bypass of detention are not addressed to mitigate increased runoff; this implies mass grading to redirect the runoff over ridge to detention, which is not approvable under Georgia Law or County Ordinance.

Improvement in runoff has been achieved via reduction in units but plan does not meet RA-5 requirements. Estimate, to meet those requirements, at least 2, maybe 3, lots will be lost at Plan Review. Additional lots may be lost to provide acceptable stormwater runoff control. Request any approval be made to a concept plan only thereby allowing adequate review at Plan Review.

2014 JAN -7 PH 2:47

ATTORNEYS AT LAW
SUITE 100
376 POWDER SPRINGS STREET
MARIETTA, GEORGIA 30064-3448

GARVIS L. SAMS, JR. JOEL L. LARKIN PARKS F. HUFF RICHARD A. HARRAH MICHAEL P. PRYOR

OF COUNSEL DAVID P. HARTIN MARIETTA, GEORGIA 30064-3

November 22, 2004

Petition No. Z-175

Letter or agreeable

770 · 422 · 7016 | TELEPHONE

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WWW.SAMSLARKINHUERCOM

V DEPL

VIA HAND DELIVERY Meeting Date

Mr. John P. Pederson, Planner III Cobb County Zoning Department Suite 300 191 Lawrence Street Marietta, Georgia 30060-1661

Re:

Application of Johnson/Willis, LLC to Rezone a 6.766 Acre Tract

from R-20 to RA-5 (No. Z-175)

Doc. Type

Stipulation

Dear John:

As you know, this firm represents the applicant and property owners concerning the above-captioned Application for Rezoning. The application is scheduled to be heard and considered by the Cobb County Planning Commission on December 7, 2004. Thereafter, the application will be heard and considered for final action by the Cobb County Board of Commissioners on December 21, 2004.

With respect to the foregoing, enclosed please find the requisite number of copies of a revised site plan. Reduced color elevations representing the architectural style and composition of the homes proposed for the subject property will be submitted under separate cover. The balance of this letter will serve as my clients' agreement with the following stipulations which shall become conditions and a part of the grant of the requested rezoning, as amended and revised, and binding upon the subject property thereafter:

- 1. Rezoning of the subject property shall be from R-20 to RA-5 conditioned upon the lot sizes and setbacks shown on that certain revised site plan prepared by Sprinkle Design Conservancy being filed contemporaneously herewith.
- 2. The subject property consists of 6.766 acres of total site area and shall be developed for a single family detached residential community consisting of a maximum of 30 homes at a maximum density of 4.43 units per acre.

SAMS, LARKIN & HUFF A LIMITED LIABILITY PARTNERSHIP

Petition No. 2-175
Meeting Date 12-12-104
Continued

VIA HAND DELIVERY

Mr. John P. Pederson, Planner III Cobb County Zoning Department November 22, 2004 Page 2

residential community shall have a

- 3. The residences to be constructed within the proposed residential community shall have a minimum of 2,200 square feet, ranging upwards to 4,000 square feet and greater and shall be traditional or European in styling and architecture.
- 4. The architectural style and composition of the residences within the proposed community shall be consistent with the color renderings which will be submitted under separate cover and shall be either brick, stone, stacked stone, cedar shake or combinations thereof on at least three (3) sides.
- 5. All front yards of the residences to be constructed within the proposed community shall be sodded.
- 6. All utilities servicing the residences within the proposed community shall be underground.
- 7. Applicant agrees to the creation of a mandatory homeowners association consistent with up-scale communities within the area. The mandatory homeowners association shall be responsible for the upkeep and maintenance of all common areas contained within the proposed development.
- 8. In conjunction with the creation of the mandatory homeowners association, the applicant agrees to the recordation and enforcement of Protective Covenants which will contain covenants, rules and regulations applicable to the proposed residential community.
- 9. The entrances to the proposed residential community shall be professionally designed to include entrance walls of brick or stone, together with landscaping which shall be fully irrigated.
- 10. Minor modifications to the referenced site plan, including, but not limited to, the layout of the lots and stormwater control measures may be approved by the District Commissioner, as needed or necessary.
- 11. Detention/water quality areas shall be fenced and landscaped for the purposes of visual screening on the subject property's respective road frontages. Said landscaping shall be reviewed and approved by the Community Development Department during the Plan Review process.

Price points are anticipated ranging from \$500,000.00 to \$800,000.00.

VIA HAND DELIVERY

Petition No. _ Meeting Date _ Continued

Mr. John P. Pederson, Planner III Cobb County Zoning Department November 22, 2004 Page 3

- 12. The submission of a landscape plan during the Plan Review process subject to review and approval by the Cobb County Community Development Department.
- 13. Subject to all recommendations from the Cobb County Stormwater Management Division with respect to stormwater management, detention, hydrology and down stream considerations including, but not limited to, the positioning and configuration of on site detention and/or water quality ponds.
- 14. Subject to recommendations from the Cobb County Department of Transportation with respect to traffic/transportational issues, including the following:
 - The voluntary donation and conveyance of right-of-way so that the County can a. achieve 25' from the centerline of Westwood Road and Wesley Road, respectively.
 - The installation of sidewalk, curb and gutter on all of the subject property's b. frontages.
 - c. An agreement to improve existing roads to the County's Design and Detail Specifications.
 - d. An agreement to petition the Board of Commissioners for the abandonment of existing roads within the development subsequent to the rezoning of the subject property.
 - The installation of a 10' no access easement along the subject property's e. respective frontages except, of course, with respect to subdivision entrances located thereon.
 - f. The granting of a contemporaneous Variance with respect to Lots 17 & 18 waiving the required minimum public road frontage.

 Compliance with recommendations from the Cobb County Water System with respect to
- 15. the accessibility and availability of water and sewer.

Petition No. Z-175
Meeting Date 12|21|04
Continued

VIA HAND DELIVERY

Mr. John P. Pederson, Planner III Cobb County Zoning Department November 22, 2004 Page 4

The clear trend for development within this sub-area of Cobb County is for high end residential development which is compatible with surrounding neighborhoods and an enhancement to existing and proposed communities within the area. In that regard, the proposal by Johnson/Willis, LLC is entirely appropriate from a land use planning perspective, particularly when considered in context with the above-referenced stipulations/conditions.

Please do not hesitate to call should you or the staff require any further information or documentation prior to the formulation of your recommendation to the Planning Commission and Board of Commissioners.

Very truly yours,

Garvis L. Sams, Jr.

gsams@samslarkinhuff.com

ARKIN & HUFF, LLP

GLS,Jr./dsj Enclosures

cc: Members, Cobb County Board of Commissioners (via hand delivery w/enc.)

Members, Cobb County Planning Commission (w/enc.)

Mr. Robert L. Hosack, Jr., AICP, Director (via hand delivery w/enc.)

Ms. Gail K. Huff, Assistant County Clerk (via hand delivery w/enc.)

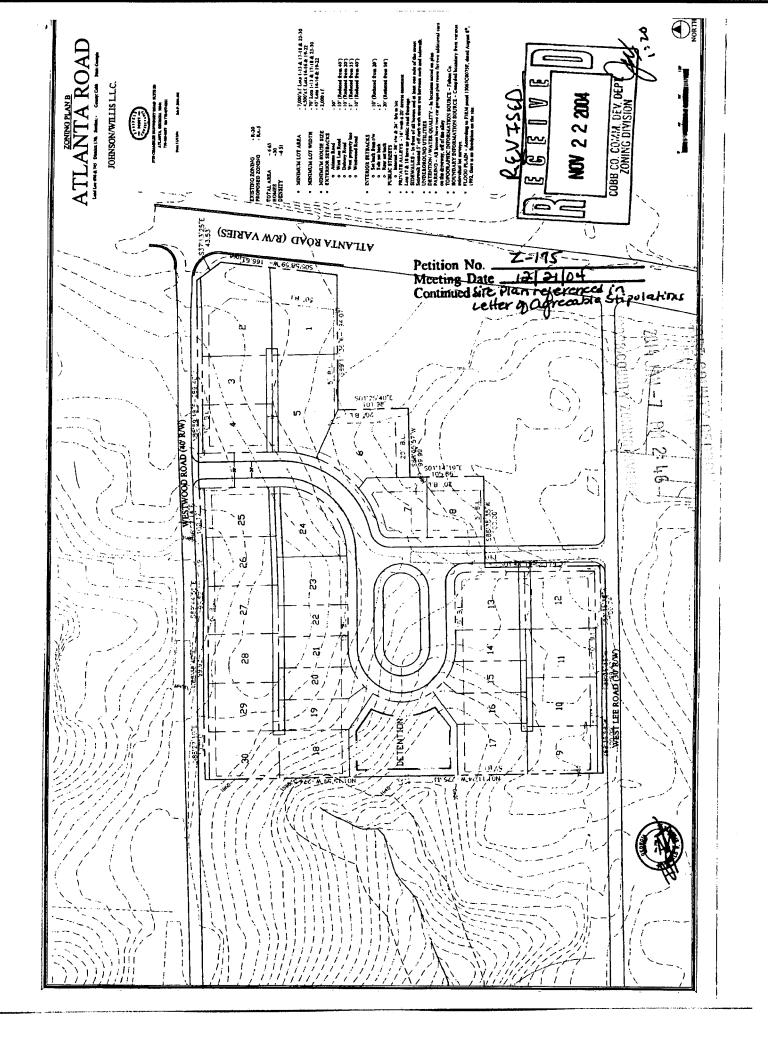
Ms. Sandra Richardson, Deputy County Clerk (via hand delivery w/enc.)

Ms. Mary Rose Barnes (w/enc.)

Ms. Sandra Hembree (w/enc.)

Mr. Earl Johnson (w/enc.)

2014 JAN -7 PH 2: 46



ATTORNEYS AT LAW
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GARVIS L. SAMS, JR. JOEL L. LARKIN PARKS F. HUFF RICHARD A. HARRAH MICHAEL P. PRYOR

OF COUNSEL DAVID P. HARTIN

٠,

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November 23, 2004

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NOV 2 3 2004

COBB CO. COSM. DEV. DEPT.

Min. Bk. 32 Petition No. Z-175

Doc. Type <u>Letters</u> agreeable

Stipulations

Meeting Date 121

Mr. John P. Pederson, Planner III Cobb County Zoning Department 191 Lawrence Street, Suite 300 Marietta, Georgia 30060-1661

VIA HAND DELIVERY

Re:

Application of Johnson/Willis, LLC to Rezone a 6.766 Acre Tract

from R-20 to RA-5 (No. Z-175)

Dear John:

Enclosed please find photographs depicting the architectural style and composition of the residences which will be built within the residential community proposed by Johnson/Willis. In the November 22, 2004 stipulation letter, I had indicated that we would be submitting color renderings; however, the enclosed photographs constitute a better representation of the product which Mr. Johnson and Mr. Willis will build.

Please do not hesitate to call should you need any further information or documentation concerning this matter.

Very truly yours,

SAMS, LARKIN & HUFF, LLP

Garvis L. Sams, Jr

gsams@samslarkinhuff.com

GLS,Jr./dsj Enclosures

...

Members, Cobb County Board of Commissioners (via hand delivery w/encs.)

Members, Cobb County Planning Commission (w/encs.)

Mr. Robert L. Hosack, Jr., AICP, Director (via hand delivery w/encs.)

Ms. Gail K. Huff, Assistant County Clerk (via hand delivery w/encs.)

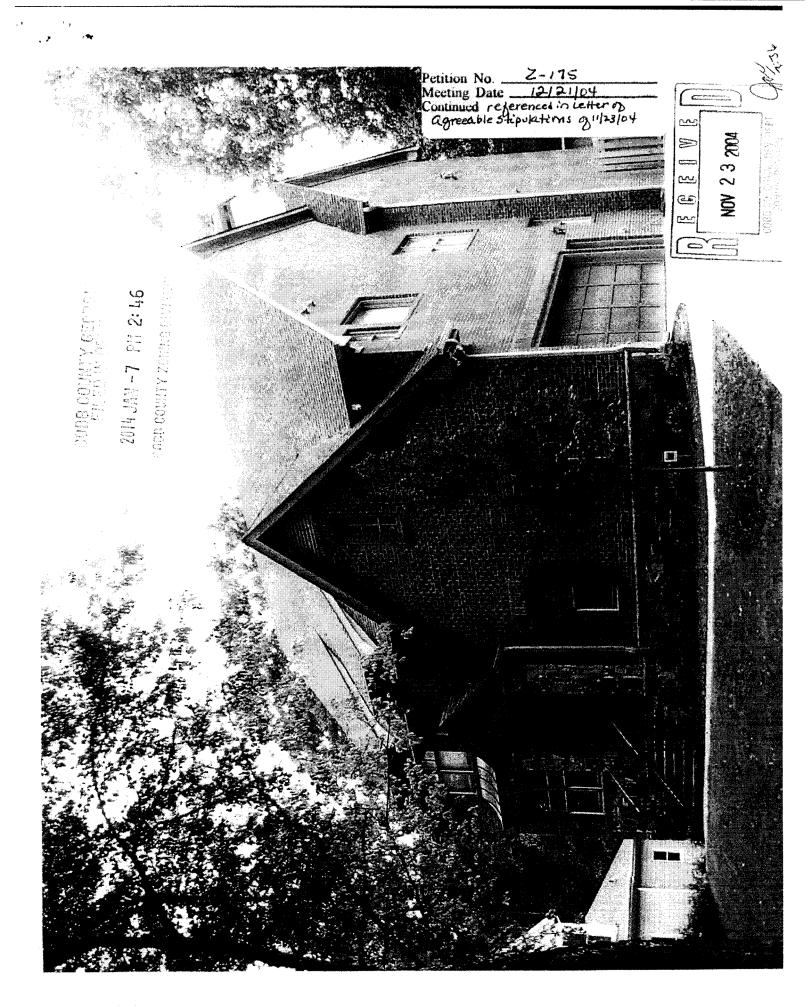
Ms. Sandra Richardson, Deputy County Clerk (via hand delivery w/encs.)

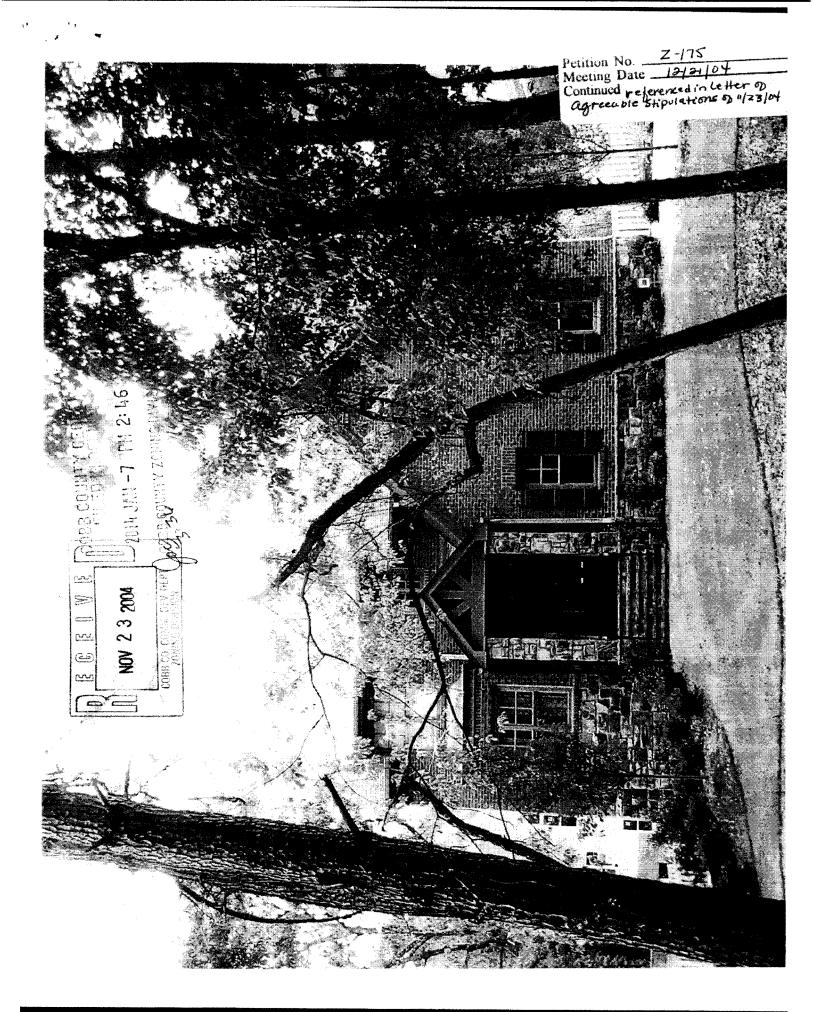
Ms. Mary Rose Barnes (w/encs.)

Ms. Sandra Hembree (w/encs.)

Mr. Earl Johnson (w/out encs.)

2014 JAN - 7 PH 2: 46





Petition No. Z-175

Meeting Date 12/21/04

Continued referenced in letter of agreeable Stipulations of 11/2/04 2014 JAN -7 PH 2: 46 COBB CO. CONCA. DEV. DEPT. ZOWING DIVINGS n. (قيق)



1266 POWDER SPRINGS ROAD MARIETTA, GA 30064 PHONE: (770) 424-7168 FAX: (770) 424-7593 WWW.GSCSURVEY.COM

August 27, 2013

John Gaskin

Patrick Malloy Communities, Inc 851 Cedar St Carrollton, GA 30117

RE: CENTRAL GARDEN (FKA BUCKINGHAM AT VININGS) HYDROLOGY STUDY ANALYSIS

Dear John,

We have evaluated the Hydrology Study for the above referenced project prepared by Joan G. Woodward, P.E. dated March 2, 2005 and last revised September 13, 2005. We also reviewed the revision and letter by Jim Wilgus with Gaskins Surveying and Engineering Co. dated January 19, 2007 for the addition of lots 29 and 30.

The amount of stormwater runoff from a site after rainfall events is largely dependent on the amount of impervious surface on the site. The amount of impervious surface is one of the primary factors used in calculating parameters used as input in computer programs used in hydrology studies to model rainstorms and stormwater runoff.

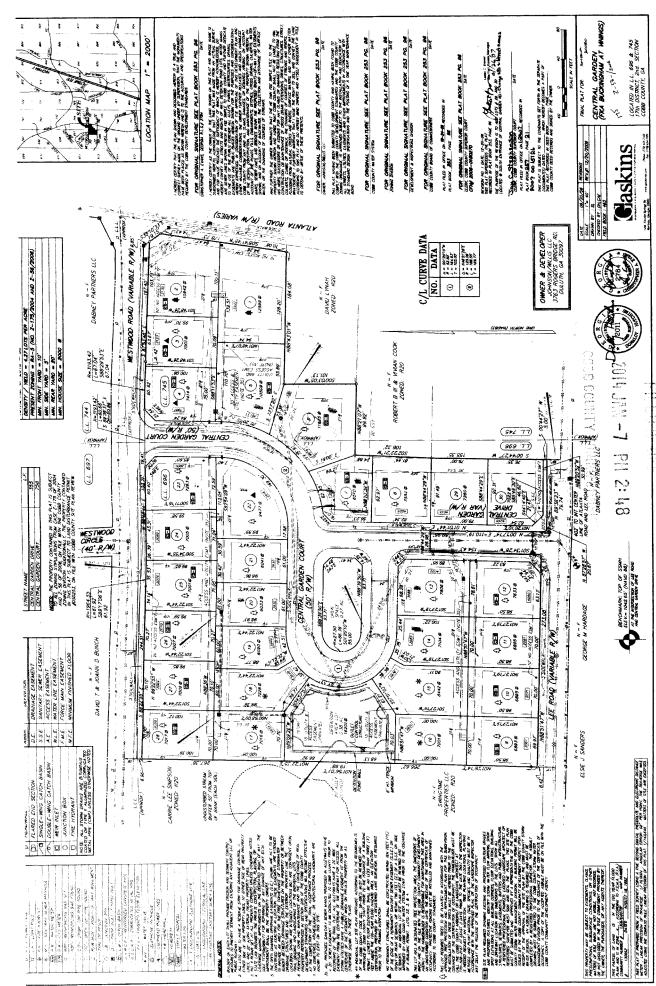
Based on the data in the Study and Revision, the amount of impervious surface used in the developed conditions model accounted for the streets, roadside sidewalks, alleys and approximately 50% of the lot area for additional impervious surface improvements. If no more than an amount equal to 50% of the lot area is used for impervious surface improvements, not including any alley or roadside sidewalk impervious areas, then the development would comply with the approved Hydrology Study.

Please feel free to contact me if you have questions or need additional information.

Sincerely,

DAVID F. MASSEY, P.E. GENERAL MANAGER 2014 JAN - 7 PM 2: 48





1980 CETY SEE

Westwood Rd SE Smyrna, GA 30080, USA











eye alt 1613 ft

Imagery Date: 10/31/2012

33°51'26,43" N 84°29'37.46" W elev 1058 ft

@ 2013 Goog.e

