



NEWKIRK ENGINEERING, INC.

Civil Engineering – Land Development – CEI

1370 North US1, Suite 204

Ormond Beach, FL 32174

(386) 290-7599

Harry@Newkirk-Engineering.com

July 12, 2017

Adam Hall, AICP

City of Alachua

15100 NW 142nd Terrance

Alachua, FL 32615

(386) 418-6121

**RE: VYSTAR CREDIT UNION
16181 NW US HIGHWAY 441
COMPLETENESS REVIEW # 2**

Dear Mr. Hall:

Please find enclosed the following material for the above referenced project:

- Check for \$476.75 for Fire Flow Assessment Report
- 4 Revised Sets of Plans
- 4 Public Utility Easements for electric and potable water & fire.
- 4 Revised Concurrency Statements
- 4 Traffic Concurrency Analysis
- 4 Fire Flow Assessment Report Request Form
- CD of Submittal

The following comments are in response to your letter dated May 30, 2017:

A. Comprehensive Plan Consistency

1. No comments **Response: Acknowledged.**

B. Concurrency Impact Analysis

1. Concurrency Impact traffic analysis must include:
 - b. Residual capacities for all impacted Segments with proposed trips included. **Response: See traffic concurrency analysis and revised concurrency statements.**

C. Development Standards

1. Section 6.1 – Off-street parking and loading standards
 - a. Please clarify on Sheet 3 that an administrative adjustment was requested per Section 6.1.4(B)(5)(b).
Note: Clarification should replace the Site Development Usage Note 5 B (Parking Provided”). **Response: Note 5A states than an Administrative adjustment was requested per Section 6.1.4(B)(5)(b). Note 5B was removed from the plans.**
6. Section 6.8- Design Standards for Business Uses
 - a. Section 6.8.2 (A)(2)(a)(i)a requires a minimum of 20% glazing when a façade faces a street or when it faces a publicly accessible parking area that consists of 15% or more of the minimum

off-street parking requirement. The minimum off-street parking requirement is 20 spaces for this project so the glazing minimum of 20% would apply to those facades that are street facing or have 3 or more parking spaces facing that façade. Both the right and left elevations as noted in the architectural plans have 4 parking spaces each on their respective façade sides. Therefore, the minimum glazing requirement is 20% for both the right and left façade.

Note: Facades do not appear to have been modified, but façade calculations have been changed. Please clarify calculations of façade area.

Response: The current architecture plans and color renderings meet the glazing requirements. The calculations for the percentage of glazing for the previous first submission was calculated incorrectly. The calculations for the gross area of the side elevations included the open area of the drive-thru and entry which should not have been taken into account for the surface area of the left or right side elevations. The floor plan and elevations were designed to provide the maximum amount of daylight into the interior space where possible without compromising security within the Branch. As shown on the floor plan, the wall spaces include the maximum coverage of glazing within the open areas and offices. The chart below provides the additional information of the square footage calculations.

LEFT & RIGHT FINISH PERCENTAGES		
DESCRIPTION	%	SF
TOTAL SQ FT LEFT FINISH = 790 SF		
GLAZING	24%	190
BRICK	65%	513
STUCCO	11%	87

D. Fire Marshal/Public Services/Outside Engineering Review Comments

1. The applicant must address the comments provided by A. J. “Jay” Brown, Jr., PE of JBrown Professional Group, Inc in a letter received by the City on May 19, 2017 (attached to this letter). **Response: See responses to comments below.**
2. The applicant must comply with all comments provided by the Public Services Department in a memo dated May 30, 2017 (attached to this letter). **Response: See responses to comments below.**

JBrown Professional Group Comments

Sht. 7

1. Inlet and outfall pipes joining with control structure CS-01 have different sizes between the detail and the plan view of the sheet. Please update labels to show the intended size of the HDPE for the design. Please update all other sheets with correct pipe size as well. **Response: The plan and detail have been revised to show 15” HDPE pipes.**
2. Details for CS-01 as inconsistent weir elevations. Plan and Cross section show 102.4’ while longitudinal shows 102.0’. **Control structure CS-01 has been revised to provide a 102.4 longitudinal weir in plan and cross section.**

Sht. 8

3. This sheet shows CS-01 discharging to the southeast via a 15” U-EWALL with baffles. However, CS-01’s receiving structure is also the same 15” U- EWALL with baffles. Is water expected to enter the site through this

control structure and discharge into the pond as well? **Response: Control structure CS-01 lowest control weir is an 8-inch orifice set at EL 102.00. The off-site discharge connection invert is EL 101.00. Receiving water will not enter the pond due to the US Highway 441 roadside drainage conveyance swale hydraulic slope of 3.2% and the peak stage of the swale does not exceed 102.00 at this location.**

Sht. 10

4. Cross section D labels the bottom elevation at 98 ft on the south side when it is 99 ft. Also, the distance from the top elevation of 104 ft to the bottom elevation of 99 ft is actually 20 ft, not 24 ft. **Response: Cross section revised to EL 99.0 and 20 feet distance.**

Public Services Department Comments

2. Sheet 12: General Note #8. Water service from ¾ inch to 2 inch shall be PVC and not Polyethylene. Tracer wire required on all water main lines. **Response: Note # 8 revised to PVC and added Note #10 for tracer wire required on all water main lines.**
3. Fire flow requirement for the proposed facility has been defined as 1,750 gpm @ 2 hrs. Submit the attached Fire Flow Assessment Report Request Form. The cost associated with the assessment is \$476.75. **Response: The required fire flow is 1,750 gpm @ 2 hours. The fire flow reductions credit for fire sprinkler system is 75% or 1,313 gpm. With fire sprinkler system, the required fire flow is 1,000 gpm @ 2 hours. A fire See attached Fire Flow Assessment Report Forms and check for \$476.75.**
7. Drawing annotation call to install 4 inch PVC schedule 40 conduits. Revise sheet to annotate "install two (2) 4 inch schedule 40 PVC conduits. **Response: Note revised per comment.**
8. Illustrate PUE on drawings and plans; i.e. electric primary installation and other utilities. **Response: Two (2) public utility easements have been added to the plans. See revised utility plan and easement sketch and legal descriptions.**

If you have any questions or need additional information, please feel free to call or email me at Harry@Newkirk-Engineering.com.

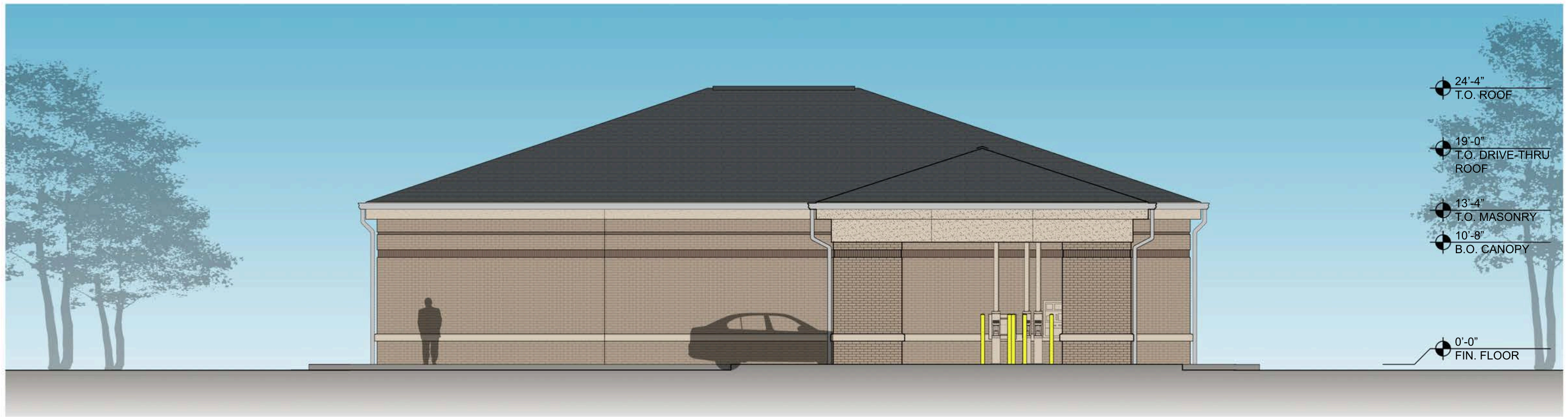
Sincerely,

NEWKIRK ENGINEERING, INC.

Harry Newkirk, PE # 62971
President of Newkirk Engineering, Inc.



Front Elevation



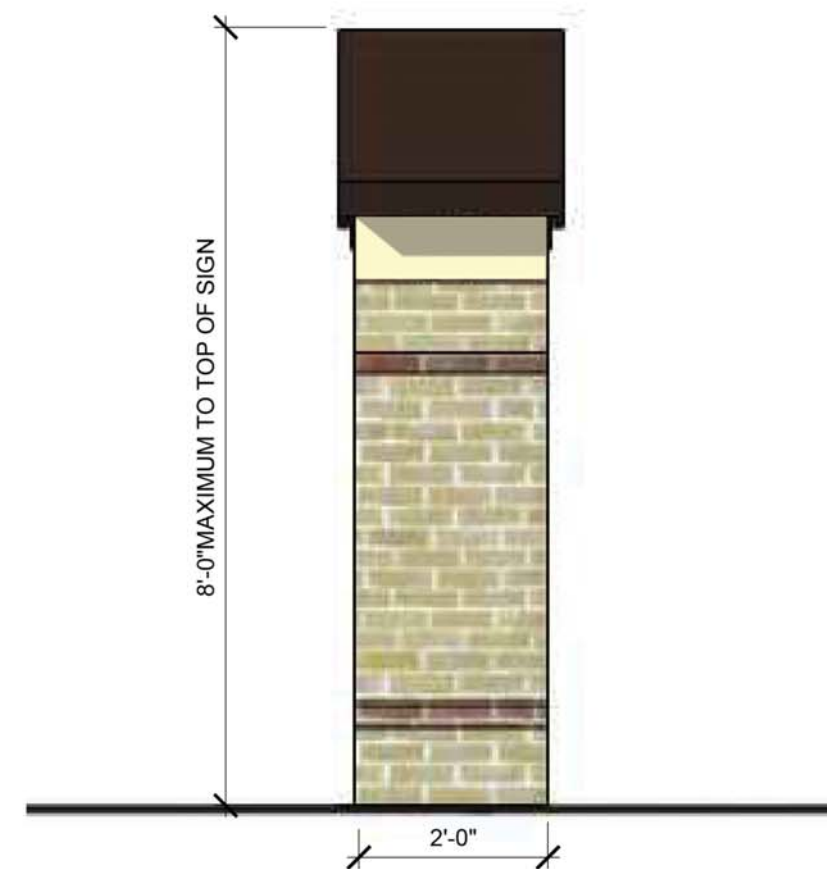
Rear Elevation



Left Elevation



Right Elevation





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Civil Engineering – Land Development – CEI

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Ormond Beach, FL 32174

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Harry@Newkirk-Engineering.com

May 6, 2017

Adam Hall, AICP

City of Alachua

15100 NW 142nd Terrance

Alachua, FL 32615

(386) 418-6121

**RE: VYSTAR CREDIT UNION
16181 NW US HIGHWAY 441
COMPLETENESS REVIEW # 2**

Dear Mr. Hall:

Please find enclosed the following material for the above referenced project:

- 4 Revised Sets of Plans
- 4 Sets of Architectural Plan
- 4 Site Photometric Plans
- 4 Full Size Color Renderings
- 4 Copies of Site Plan Applications with all supporting documents
- 4 Electric Load Calculations
- 4 SRWMD Permits
- 4 FDEP NPDES Permits
- 4 FDOT Drainage Permit RAI Letter
- 4 Revised Stormwater Reports
- 4 Geotechnical Report
- 4 Parking Studies
- 4 Fire Hydrant Flow Test
- 4 Lighting Fixture Cut Sheets
- CD of Submittal

The following comments are in response to your letter dated February 1, 2017:

A. Comprehensive Plan Consistency

1. No comments: **Response: Acknowledged.**

B. Concurrency Impact Analysis

1. Concurrency Impact traffic analysis must include:

a. Comprehensive Plan Segment Number 2(I-75 from US 441 to southern City Limit of Alachua), CR235A North (NW 173rd St), and CR235A South (NW 173rd St) must be included in analysis as they are located within ½ mile of the subject property by travel distance [Section 2.4.14)H)(2)]. **Response: Roadway segments added to the revised concurrency statement.**

b. Residual capacities for potable water with proposed demand included.

Response: See revised concurrency statement.

c. Residual capacity for sanitary sewer with proposed demand included. **Response: See revised concurrency statement.**

C. Development Standards

1. Section 6.1 – Off-street parking and loading standards

a. Please clarify on Sheet 3 that an administrative adjustment was requested per Section 6.1.4(B)(5)(b). **Response: Note added to revised parking calculation on Sheet 3.**

b. Information still outstanding for administrative adjustment. Please reference letter sent by City on November 14, 2016. Specifically, “the information submitted must provide the number of customers, employees, and vehicles in parking lot for the peak hour each day over a two week period for at least three branches, along with an explanation of how that data supports the request for 150% of the minimum number of parking spaces. The information must also include the peak hour for each day over this two week period (e.g., Monday 1PM – 2PM; Tuesday 12PM – 1PM, etc)”. [Emphasis added]. The information submitted on December 30, 2016 does not include data for each day over a two week period, does not include an explanation of how the data supports the request, and does not include the peak hour for each day over the two week period. **Response: See revised parking lot study.**

2. Section 6.2 – Tree Protection/landscape/xeriscape standards

a. Generally, the plan does not indicate how the tree preservation credits will be used. Tree preservation credits can be used towards site landscaping requirements, perimeter buffering, and interior and perimeter landscaping for parking areas. The credits cannot be used towards tree mitigation. The landscaping plans should show the required number of trees for each landscaped area and how many tree preservation credits will be applied to that required area. Landscaping plan should indicate which trees are being counted towards meeting the required mitigation amounts. **Response: The existing trees to be saved are all along the western property line and will only be used to count for the western buffer requirement. The existing tree credit has been removed from the landscape plan. All buffering, interior and perimeter landscaping have been revised to meet the City’s LDC requirements.**

b. Parking lot area calculated at 36,075 square feet, which would require a total of 18 canopy trees for interior parking lot landscape as required in Section 6.2.2(D)(2)(iii)(a). Additionally, the total number of shrubs required would then be 180 as required in Section 6.2.2(D)(2)(iii)(a). Please update interior landscaping calculations. **Response: Interior landscaping and calculations have been revised to meet this requirement.**

c. An additional 4 canopy trees and 7 understory trees are required on arterial street buffer [Section 6.2.3(7)]. **Response: 4 canopy trees and 7 understory trees added to US Highway 441.**

d. Landscape Plans indicate western landscape buffer is met with continuous evergreen hedge. The hedge is not shown on plans. Please address. **Response: Hedge added to the west buffer.**

3. Section 6.3 – Fencing Standards

a. Clarify material and color being used for proposed fencing (Site Plan Sheet 11). Per Section 6.3.4, fencing must be wood, stone, brick, wrought iron, or a product that resembles these materials. **Response: The General Note #4 on**

the top left for the Typical Wall Cross Section provides fence material shall be aluminum color is black.

4. Section 6.4 – Exterior lighting Standards
 - a. Maximum illumination levels exceeded [Section 6.4.4(C)]. Please address.
 - I. Several locations in parking lot exceed 5 footcandle. **Response: Revised below 5 footcandle for entire site.**
 - II. Building entrance exceeds 10 footcandle. **Response: Revised below 10 footcandle at the building entrance.**
 - b. Full cutoff lenses or hoods are required [LDR Section 6.4.4(F)]. Please confirm if fixtures have cutoff lenses or hoods. **Response: Revised with hoods. See revised site lighting plan.**
5. Section 6.5 – Signage
 - a. Signage is reviewed by separate permit. However, staff did note that the proposed monument sign appears to be located within 10 feet of electric infrastructure, which does not conform to the City's Land Development Regulations. **Response: Proposed monument sign is now 10 feet from the electric infrastructure and 12.6 feet from the right of way. See revised sheet 6.**

Section 6.8 – Design Standards for Business Uses

- a. Section 6.8.2 (A)(2)(a)(i)a requires a minimum of 20% glazing when a façade faces a street or when it faces a publicly accessible parking area that consists of 15% or more of the minimum off-street parking requirement. The minimum off-street parking requirement is 20 spaces for this project so the glazing minimum would apply to those facades that are street facing or have 3 or more parking spaces facing that façade. Both the right and left elevations as noted in the architectural plans have 4 parking spaces each on their respective façade sides. Therefore, the minimum glazing requirement is 20% for both the right and left façade. **Response: The building elevation has been revised to provide 24% glazing on the right and left sides. See revised building elevations.**
- b. Section 6.8.2(A)(4) requires a safe and convenient connection from the off-site sidewalk system located in the right-of-way to the primary entrance of the building. Proposed connection to sidewalk system does not appear to provide safe and convenient access to sidewalk located in right-of-way. **Response: The sidewalk has been relocated to the front driveway entrance to provide safe access from public right-of-way. See revised site plan, Sheet 6.**

D. Fire Marshal/Public Services/Outside Engineering Review Comments

1. No comments **Response: Acknowledged.**
2. The applicant must address the comments provided by A. J. "Jay" Brown, Jr., PE of JBrown Professional Group, Inc. in a letter received by the City on January 18, 2017. **Response: See responses to Jay Brown comments.**
3. The applicant must comply with all comments provided by the Public Services Department in a memo dated January 18, 2017. **Response: All comments have been revised with this resubmittal.**

E. Miscellaneous/General Issues

1. Plans must include full size sets of full color architectural and photometric plans. Response: **Full size color architectural and photometric plans are provided with this resubmittal.**

Sht. 6

1. I am not familiar with using river rock imbedded in the concrete sidewalk as an ADA detectable warning surface. I recommend at a minimum that ADA compliant truncated dome mats or pavers be provided at the connection to the sidewalk in front of the 29 ft. width at the 2 disabled parking spaces. **Response: ADA detectable warning surface is only required within the public right-of-way when crossing public streets and/or public right-of-way. I acknowledge the Engineer's recommendation of a ADA waring surface along the handicap spaces, however, ADA warning surface is not required along the building sidewalk of VyStar and creates a tripping hazard. The river rock imbedded surface is a decorative sidewalk appearance for the site and not meant for detectable waring surface. I**
2. Is a 12' wide dumpster pad are wide enough? **Response: VyStar credit union does not generate large amounts of traffic like a restaurant. A single dumpster enclosure is sufficient for VyStar.**

Sht.7

1. The pipe slope between I-3 and I-4 should be 0.38%. **Response: The drainage plan has been revised per FDOT drainage permit and to provide the correct pipe slope percentage.**
2. Revise detail of CS-01 accordingly based on Sht. 8 comments. **Response: CCS-01 was revised per comments.**

Sht.8

1. Provide FDOT label and detailing for curb cut ramps along the 2 east driveways connections. It may be appropriate to provide blowup details of the 2 connections to detail the curbing, grading, and curb cut ramp connections. **Response: Curb ramps are noted to be constructed per FDOT Index No. 304, curb ramp CR-G. A full blowup detail of the connections is not required, the Contractor can view FDOT Index No. 304 and will have expert knowledge of this detail and requirement.**
2. Suggest labeling where spillout Type F C & G occur onsite. **Response: Type F catch and spillout curb locations are shown on revised Sheets 6 and 8. Refer to the Legend to depict spillout and catch curb.**
3. Is the bottom of Basin DA-3 supposed to be flat at Elev. 92.0, with a small sump at 91.0 on the south end, or does the bottom slope from the north end at 92 to the south end at 91? If it is intended to be flat, a 92 contour line added just north of the 91 contour would clarify that. **Response: DA-3 has a small sump at EL 91.0. The contour grading has been revised to properly show the flat area and sump location.**
4. No treatment is shown for the existing storm inlet located in the middle of the northwest driveway connection. If it is intended that the inlet should remain and be adjusted, that denoted it as such. Also, the grading is shown such that the parking lot to the north will discharge into the site at that location. Has the additional runoff into the site from the north been accounted for in the drainage calculations? Consideration should be given to providing a slightly higher elevation at the R/W line to prevent the Publix runoff from entering the site and entering Basin DA-4. Provide additional detailing and grading as appropriate. **Response: Your suggestion was taken into consideration and provided helpful. Sheet 8 is revised to show a slightly higher elevation at the R/W line to prevent the Publix runoff from entering the site and entering Basin DA-4.**
5. It may be helpful to add an additional 104 contour on the east side of Basin DA-4 to show the proposed berm at Elevation 104 on the east side of the basin. **Response: 104 contour revised to provide a 2-foot wide berm along the east side. See revised Sheet 8.**
6. Outfall structure CS-01 may need to be shifted southward. The outfall pipe heading SE is exposed when it exits the structure. Either provide revised grading to design adequate fill over

the pipe or shift the structure location. **Response: The control structure and outfall piping has been revised to provide adequate cover over all pipes. See revised Sheets 8 and 8.**

7. The 15" endwall structure SE of CS-01 is designed with an invert elevation of 101.50, yet the natural grade at that location is approximately 102.75 which creates the outfall 1.25' below grade. This will cause the discharge system to back up. It should be designed to be free flowing. Perhaps the endwall can be moved to the north somewhat and the discharge directed more easterly toward the 101 contour near the monument sign. A minor swale would need to be shown within that area. This may be more desirable than trying to cross the underground utilities located near the R/W line. Please adjust the discharge design appropriately with revised grading depicted for the proper discharge. **Response: The grading plan has been revised to discharge the control structure outfall with positive drainage. See revised Sheet 8.**
8. I am not sure why a stormwater manhole is located in the very SE of the site near the southeastern most curb cut ram. My guess is that stormwater manhole was provided as a connection for this site to a downstream stormwater system. Does the EOR have any previous design or record drawings of the Publix development that depict this manhole and the intent of it being placed there? Would this manhole provide a good location for an emergency overflow connection from Basin DA-3? **Response: The manhole used to be a stormwater inlet when Raceway Market #163 was constructed and was used to connect to a small swale along the west driveway (ERP-001-205861). When Public was developed this inlet was changed to a manhole top with no stormwater connection because the stormwater for the driveway was re-routed to the Publix stormwater system (ERP-001-221992-4). VyStar Credit Union does not have the right to drain into this drainage manhole.**

Sht. 9

1. In Section A the pavement slopes most likely are not correct as they vary according to the grading plan. Suggest removing the specific slope callouts to avoid conflict. **Response: Cross sections have been revised to label the slopes as varying.**
2. In Section B, please confirm if the Basin bottom is intended to be flat at Elevation 92.0. **Response: Basin DA-3 bottom elevation is 92.0 with a sump at the existing 15" MES outfall of elevation 91.0. The grading of the sump is shown on the grading plan.**

Sht. 10

1. In Section D at upper left the basin side slope dimensions should be 28 ft not 24 ft. **Response: Section revised to 28 feet.**
2. Depict the sump at elevation 91.0 in Section E. **Response: Revised per comment.**
3. On the very right side of Section E depict the fill to elevation 103 identified on Sht. 8. **Response: Noted per comment.**

Sht. 12

1. Please check the slope of the southernmost sanitary sewer section. It indicates 4.0% which may not be correct. **Response: The sanitary sewer connection from property line to main has been revised to 3.73%.**
2. Consider moving the 1st sanitary sewer cleanout to the north so it is out from under the car parking space. A 6" main can be up to 100 ft. long between cleanouts, so the cleanout could be moved northward and placed within the sidewalk. **Response: Cleanout moved to the sidewalk.**

Sht. 18

1. Consider shifting the Red Maple off of the top of the outfall pipe from Basin DA-4. **Response: Tree has been relocated away from the outfall pipe.**
2. Can the trees proposed across from the building closest to the R/W line be shifted southward somewhat to get them further away from the proposed curb and paving? **Response: The trees have been shifted away from the pavement slightly but cannot get any closer to the right-of-way line due to the existing overhead power line.**

Public Services Department in a memo dated January 18, 2017

1. Wastewater; Utility Plan sheet 12, Cleanout and collar shall be installed at the edge of P.U.F. **Response: A cleanout has been added to the right-of-way line.**
2. Distributions/Collections; Utility Plan
 - a. Sheet 12, polyethylene pipe is not acceptable within City maintenance area. **Response: Water service line revised to 2" SCH 40 PVC.**
 - b. Sheet 12, Details shall be in accordance with City details. **Response: Added note to both Water and Sewer General Notes. See No. 1.**
 - c. Sheet 14, copper wire shall be used to locate main. Extend copper wire 18 inches minimum above grade at valve box. **Response: Revised per comment, see sheet 14, Note 3 on the SINGLE AND DUAL WATER METER ASSEMBLY (W-8.1).**
 - d. Sheet 14, Details shall be in accordance with City details. **Response: All water and sewer details revised to City details. See revised Sheet 14.**
3. Water; Submit for approval fire flow requirement for the proposed facility. **Response: Fire flow calculations are provided on the revised utility plan. The building also has a fire sprinkler system.**
4. Electric; Submit for review and approval load calculations. **Response: See attached electric load calculations.**
5. Electric; Electric connection point is incorrect. Conduit should go north out of transformer approximately 110 feet and then east to City of Alachua connection point. Coordinate with City of Alachua Electric Public Services. **Response: Electrical conduit location revised per comment.**
6. Electric; All Primary conduits shall be 48 inches cover minimum. **Response: Electrical conduit depth revised to 48-inches minimum.**

If you have any questions or need additional information, please feel free to call or email me at Harry@Newkirk-Engineering.com.

Sincerely,

NEWKIRK ENGINEERING, INC.

Harry Newkirk, PE # 62971
President of Newkirk Engineering, Inc.



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Civil Engineering – Land Development – CEI

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Ormond Beach, FL 32174

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Harry@Newkirk-Engineering.com

October 11, 2016

Adam Hall, AICP

City of Alachua

15100 NW 142nd Terrance

Alachua, FL 32615

(386) 418-6121

**RE: VYSTAR CREDIT UNION
16181 NW US HIGHWAY 441
COMPLETENESS REVIEW # 2**

Dear Mr. Hall:

Submitted is a Site Plan Application for the above referenced project. The following materials are attached for your review:

- 13 Revised Utility Plan
- 13 Original Site Plan Application
- 13 Lot Split Application
- 13 Neighborhood Meeting Summary Letter
- 13 Parking Study
- 13 Fire Hydrant Flow Test
- CD of Submittal

The following comments are in response to your letter dated August 31, 2016:

4. Required Attachment D.1.k: Proposed number of parking spaces (30) exceeds maximum permitted (125% of required 20 spaces). The attached parking study proves the need for 30 parking spaces.
12. Fire flow calculations not submitted with application. The revised fire flow calculations are provided on the utility plan with updated fire hydrant flow test. The updated fire hydrant flow test showed a fire flow of 1,191 gpm at 20 psi for the site, which requires a fire sprinkler system. A 4-inch fire service with fire department connection and double detector check assembly have been added to the utility plan.

Additional comments:

1. Per Section 2.2.4 (D) (5), City of Alachua Land Development Regulations, a written summary of the neighborhood meeting is required with the application. This summary must include a list in attendance and summary of the issues related to the development proposal discussed. We had two neighborhood meetings and no one showed up to either meeting. See attached neighborhood summary letter.

2. Applications for both site plan and lot split indicate that Brian Kitchens is the agent and Harry Newkirk is the property owner. Please verify. The site plan application and lot split application have been revised to show VyStar Credit Union and Harry Newkirk, Newkirk Engineering as the Agent. The revised lot split application shows VyStar Credit Union as the Applicant and Owner. The original site plan application list VyStar Credit Union Union as the Applicant and Owner. There is no reference to Harry Newkirk or Newkirk Engineering on either of these applications.

If you have any questions or need additional information, please feel free to call or email me at Harry@Newkirk-Engineering.com.

Sincerely,

NEWKIRK ENGINEERING, INC.

Harry Newkirk, PE # 62971
President of Newkirk Engineering, Inc.



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Civil Engineering – Land Development – CEI

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Harry@Newkirk-Engineering.com

August 24, 2016

Adam Hall, AICP

City of Alachua

15100 NW 142nd Terrance

Alachua, FL 32615

(386) 418-6121

**RE: VYSTAR CREDIT UNION
16181 NW US HIGHWAY 441
SITE PLAN APPLICATION**

Dear Mr. Hall:

Submitted is a Site Plan Application for the above referenced project. The following materials are attached for your review:

- Check in the Amount of \$2,300.00 (City already has the application fee)
- 13 Site Plan Application
- 13 Authorized Agent Affidavit
- 13 Public Notice Neighborhood Meeting
- 13 Statements of Proposed Uses and Comprehensive Plan Consistency
- 13 Lot Split Applications
- 13 Sets of Site Plan Drawings
- 13 Sets of Architectural Plans (Building Floor Plan, Building Elevations, Dumpster Enclosure, Monument Sign & Decorative Fencing for Retaining Wall)
- 13 Site Photometric Plans with Fixture Cut Sheets
- 13 Color Renderings
- 13 Stormwater Reports
- 13 Geotechnical Reports
- 13 Concurrency Statements
- 13 Letter from City Manager for 150% Parking Approval
- 13 SRWMD Comment Letters
- 13 FDOT Drainage Permit Submittal
- 13 FDEP NOI Permits
- 13 Warranty Deed
- 13 Legal Description
- 13 Aerial Maps
- CD of Submittal

The Applicant, VyStar Credit Union, proposes a 4,000 square feet “VyStar Credit Union” with four (4) bank teller drive-thru lanes with required 6 staking spaces and 30 parking spaces (2 handicap and 28 standard) on a 2.04-acre commercial parcel. Access to the site will be provided from three (3) private driveway connection onto private driveway. A retail loading zone is not required for this project

because the building is less than 5,000 square feet. The proposed site consists of 2.04 acres with 0.92 acres of impervious surface. Stormwater treatment will be provided by modification to existing dry detention pond system and proposed dry retention pond system. The proposed type of building construction is VB. Potable water will be provided by a 1-inch water and 1" reduced pressure backflow preventer connected to an existing 8-inch water main with US Highway 441 right-of-way. Sanitary sewer service will be provided by 6-inch service lateral connected to existing 8-inch sewer main with US Highway 441 right-of-way. The building occupant load is less than 100 (fire sprinkler system is not required). Irrigation will be by 1.5-inch irrigation meter and 1.5-inch reduced pressure backflow preventer connected to existing 8-inch water main within US Highway 441 right-of-way.

The following comments are in response to Completeness Review Comments:

1. Required Attachment D.1.e: Statement of Proposed Uses ("Project Statement") implies that there will be four ingress/egress points to the site: one from US Highway 441, two through the eastern property line and one through the northern property line. However the site plan only shows three ingress/egress points. The project statement has been revised to state that "Site access will be provided from 3 interior private driveway connections. See revised site plan drawings, Cover Sheet.
2. Required Attachment D.1.f: Adjacent property owners shown on plan indicate that the School Board of Alachua County (SBAC) is an adjacent property owner. However, in the survey provided it appears that the proposed lot split would leave a small strip of land between the SBAC property and the subject property considered by this site plan application. The adjacent property owner of the small strip is shown on the revised site plan. Also, see attached lot split application.
3. Required Attachment D.1.i: Existing sidewalks, curbing, and paved areas are not clearly delineated on the plans. The existing sidewalks, curbing and paved areas are shown as dashed lines. The proposed improvements are solid lines and all proposed pavement is shaded on the site plan.
4. Required Attachment D.1.k: Proposed number of parking spaces (30) exceeds permitted (125% of required). The City Manager letter dated February 24, 2016 addressed to Mr. Kitchens is reference on the Sheet 3, Development Information, parking space calculations.
5. Required Attachment D.1.k: Demonstrate vehicle staking requirements for drive through facilities as outlined in Section 6.1.8, City of Alachua Land Development Regulations. The site plan shows the required staking from the window of 6 spaces or 120 feet. See revised site plan.
6. Required Attachment D.1.k: Required loading area not depicted on site plan. Please see Section 6.1.5 of the City of Alachua LDC for loading requirements. A loading zone is not required because the building is only less than 10,000 square feet per section 6.1.5(3).
7. Required Attachment D.1.n: Setback from centerline of US Highway 441 right-of-way. The building setback and monument sign setback are shown from the centerline of US Highway 441.
8. Required Attachment D.1.l: Site plan indicates presence of "handrail" around the eastern basic (DA-3). Please reference Section 6.3.5, City of Alachua Land Development Regulations pertaining to fencing. The revised decorative fence meets the requirements of Section 6.3.5 LDC.
9. Required Attachment D.1.o: Waste receptacle screening detail not provided. Full Dumpster enclosure detail provided with the revised Architect plans.
10. Required Attachment D.1.p: The required glazing and material calculations for all facades have not been provided. The revised building elevations provide required glazing and material calculations. See revised Architect plans.
11. Required Attachment D.11: Environmental Resource Permit (ERP) from SRWMD or evidence of submission is required. See SRWMD ERP comment letter.

12. Required Attachment D.3: Fire flow calculations not submitted with application. The required fire flow calculations and fire flow test are provided on the Utility Plan, Sheet 12.
13. Required Attachment D.4: Concurrency analysis does not provide enough information to show that the proposed project will not negatively impact the City's level of service standards for public facilities. Concurrency has been revised per July 2016 Development Monitoring Report. The proposed average flow for water and wastewater is based on FAC 64E-6.008, Table 1 Estimated Sewage Flows for financial institution 15 gpd per 100 square feet. Potable water is 110% of the sewage flow rate. See revised concurrency letter.
14. Required Attachment D.5: Analysis of consistency with the City of Alachua Comprehensive Plan must cite specific goals, objective and polies. See attachment Statements of Proposed Uses and Comprehensive Plan Consistency letter.
15. Required Attachment D.6: Mailing labels for property owners within 400' of the subject property boundaries and organizations and persons registered to receive public notices are required. Please find the list of these organizations and persons at the following location on the City's website. Mailing labels of 400 feet from the subject boundaries plus the list from the website are provided with this resubmittal.
16. Required Attachment D.7: Copy of mailing labels provided appear to only include those sent to property owners within 400' of the subject property boundaries, but not those sent to organizations and persons registered to receive public notices. Mailing labels of 400 feet from the subject boundaries plus the list from the website are provided with this resubmittal. The Neighborhood meeting was on August 24th at 6:00 PM. The public notice from newspaper is also included.
17. Required Attachment D.10: Proof of payment of taxes is required. Proof of payment of taxes is provided.
18. Required Attachment D.11: Environmental Resource Permit from SRWMD or evidence of submission is required. See attached SRWMD ERP comment letter that proves submittal of ERP to SRWMD.
19. If a connection to US Highway 441 is proposed a copy of the permit application from FDOT is required. A new FDOT driveway connection is not proposed with this project. A copy of the FDOT drainage permit application is provided.
- 20a. Site Photometric Plan: Maximum footcandles permitted by Section 6.4.4C appear to be exceeded. Revised site photometric plan meets Section 6.4.4C.
- 20b. Site Photometric Plan: Ratio of maximum to minimum lighting exceeds 10:1 maximum uniformity ratio permitted by Section 6.4.4E. Revised site photometric plan meets Section 6.4.4E.
- 20c. Site Photometric Plan: Cannot determine light levels at property boundaries. See revised site lighting plan.
- 20d. If exterior wall mounted lighting is proposed, details for such lighting are required to be included with the application. See fixture cut sheets.
- 20e. Provide details for all proposed pole-mounted lighting. See fixture cut sheets.
- 20f. Signs are not permitted through the site plan application process and should be noted on the site plan. See Site Plan, General Note 11.
- 20g. In order to subdivide the subject property from the parent tract, a lot split application is required to be submitted. See attached lot split application.

If you have any questions or need additional information, please feel free to call or email me at Harry@Newkirk-Engineering.com.

Sincerely,

Harry Newkirk, PE # 62971, President of Newkirk Engineering, Inc.



NEWKIRK ENGINEERING, INC.

Civil Engineering – Land Development – CEI

1370 North US1, Suite 204

Ormond Beach, FL 32174

(386) 290-7599

Harry@Newkirk-Engineering.com

May 6, 2017

Adam Hall, AICP

City of Alachua

15100 NW 142nd Terrance

Alachua, FL 32615

(386) 418-6121

**RE: VYSTAR CREDIT UNION
16181 NW US HIGHWAY 441
COMPLETENESS REVIEW # 2**

Dear Mr. Hall:

Please find enclosed the following material for the above referenced project:

- 4 Revised Sets of Plans
- 4 Sets of Architectural Plan
- 4 Site Photometric Plans
- 4 Full Size Color Renderings
- 4 Copies of Site Plan Applications with all supporting documents
- 4 Electric Load Calculations
- 4 SRWMD Permits
- 4 FDEP NPDES Permits
- 4 FDOT Drainage Permit RAI Letter
- 4 Revised Stormwater Reports
- 4 Geotechnical Report
- 4 Parking Studies
- 4 Fire Hydrant Flow Test
- 4 Lighting Fixture Cut Sheets
- CD of Submittal

The following comments are in response to your letter dated February 1, 2017:

A. Comprehensive Plan Consistency

1. No comments: **Response: Acknowledged.**

B. Concurrency Impact Analysis

1. Concurrency Impact traffic analysis must include:

a. Comprehensive Plan Segment Number 2(I-75 from US 441 to southern City Limit of Alachua), CR235A North (NW 173rd St), and CR235A South (NW 173rd St) must be included in analysis as they are located within ½ mile of the subject property by travel distance [Section 2.4.14)H)(2)]. **Response: Roadway segments added to the revised concurrency statement.**

b. Residual capacities for potable water with proposed demand included.

Response: See revised concurrency statement.

c. Residual capacity for sanitary sewer with proposed demand included. **Response: See revised concurrency statement.**

C. Development Standards

1. Section 6.1 – Off-street parking and loading standards

a. Please clarify on Sheet 3 that an administrative adjustment was requested per Section 6.1.4(B)(5)(b). **Response: Note added to revised parking calculation on Sheet 3.**

b. Information still outstanding for administrative adjustment. Please reference letter sent by City on November 14, 2016. Specifically, “the information submitted must provide the number of customers, employees, and vehicles in parking lot for the peak hour each day over a two week period for at least three branches, along with an explanation of how that data supports the request for 150% of the minimum number of parking spaces. The information must also include the peak hour for each day over this two week period (e.g., Monday 1PM – 2PM; Tuesday 12PM – 1PM, etc)”. [Emphasis added]. The information submitted on December 30, 2016 does not include data for each day over a two week period, does not include an explanation of how the data supports the request, and does not include the peak hour for each day over the two week period. **Response: See revised parking lot study.**

2. Section 6.2 – Tree Protection/landscape/xeriscape standards

a. Generally, the plan does not indicate how the tree preservation credits will be used. Tree preservation credits can be used towards site landscaping requirements, perimeter buffering, and interior and perimeter landscaping for parking areas. The credits cannot be used towards tree mitigation. The landscaping plans should show the required number of trees for each landscaped area and how many tree preservation credits will be applied to that required area. Landscaping plan should indicate which trees are being counted towards meeting the required mitigation amounts. **Response: The existing trees to be saved are all along the western property line and will only be used to count for the western buffer requirement. The existing tree credit has been removed from the landscape plan. All buffering, interior and perimeter landscaping have been revised to meet the City’s LDC requirements.**

b. Parking lot area calculated at 36,075 square feet, which would require a total of 18 canopy trees for interior parking lot landscape as required in Section 6.2.2(D)(2)(iii)(a). Additionally, the total number of shrubs required would then be 180 as required in Section 6.2.2(D)(2)(iii)(a). Please update interior landscaping calculations. **Response: Interior landscaping and calculations have been revised to meet this requirement.**

c. An additional 4 canopy trees and 7 understory trees are required on arterial street buffer [Section 6.2.3(7)]. **Response: 4 canopy trees and 7 understory trees added to US Highway 441.**

d. Landscape Plans indicate western landscape buffer is met with continuous evergreen hedge. The hedge is not shown on plans. Please address. **Response: Hedge added to the west buffer.**

3. Section 6.3 – Fencing Standards

a. Clarify material and color being used for proposed fencing (Site Plan Sheet 11). Per Section 6.3.4, fencing must be wood, stone, brick, wrought iron, or a product that resembles these materials. **Response: The General Note #4 on**

the top left for the Typical Wall Cross Section provides fence material shall be aluminum color is black.

4. Section 6.4 – Exterior lighting Standards
 - a. Maximum illumination levels exceeded [Section 6.4.4(C)]. Please address.
 - I. Several locations in parking lot exceed 5 footcandle. **Response: Revised below 5 footcandle for entire site.**
 - II. Building entrance exceeds 10 footcandle. **Response: Revised below 10 footcandle at the building entrance.**
 - b. Full cutoff lenses or hoods are required [LDR Section 6.4.4(F)]. Please confirm if fixtures have cutoff lenses or hoods. **Response: Revised with hoods. See revised site lighting plan.**
5. Section 6.5 – Signage
 - a. Signage is reviewed by separate permit. However, staff did note that the proposed monument sign appears to be located within 10 feet of electric infrastructure, which does not conform to the City's Land Development Regulations. **Response: Proposed monument sign is now 10 feet from the electric infrastructure and 12.6 feet from the right of way. See revised sheet 6.**

Section 6.8 – Design Standards for Business Uses

- a. Section 6.8.2 (A)(2)(a)(i)a requires a minimum of 20% glazing when a façade faces a street or when it faces a publicly accessible parking area that consists of 15% or more of the minimum off-street parking requirement. The minimum off-street parking requirement is 20 spaces for this project so the glazing minimum would apply to those facades that are street facing or have 3 or more parking spaces facing that façade. Both the right and left elevations as noted in the architectural plans have 4 parking spaces each on their respective façade sides. Therefore, the minimum glazing requirement is 20% for both the right and left façade. **Response: The building elevation has been revised to provide 24% glazing on the right and left sides. See revised building elevations.**
- b. Section 6.8.2(A)(4) requires a safe and convenient connection from the off-site sidewalk system located in the right-of-way to the primary entrance of the building. Proposed connection to sidewalk system does not appear to provide safe and convenient access to sidewalk located in right-of-way. **Response: The sidewalk has been relocated to the front driveway entrance to provide safe access from public right-of-way. See revised site plan, Sheet 6.**

D. Fire Marshal/Public Services/Outside Engineering Review Comments

1. No comments **Response: Acknowledged.**
2. The applicant must address the comments provided by A. J. "Jay" Brown, Jr., PE of JBrown Professional Group, Inc. in a letter received by the City on January 18, 2017. **Response: See responses to Jay Brown comments.**
3. The applicant must comply with all comments provided by the Public Services Department in a memo dated January 18, 2017. **Response: All comments have been revised with this resubmittal.**

E. Miscellaneous/General Issues

1. Plans must include full size sets of full color architectural and photometric plans. Response: **Full size color architectural and photometric plans are provided with this resubmittal.**

Sht. 6

1. I am not familiar with using river rock imbedded in the concrete sidewalk as an ADA detectable warning surface. I recommend at a minimum that ADA compliant truncated dome mats or pavers be provided at the connection to the sidewalk in front of the 29 ft. width at the 2 disabled parking spaces. **Response: ADA detectable warning surface is only required within the public right-of-way when crossing public streets and/or public right-of-way. I acknowledge the Engineer's recommendation of a ADA waring surface along the handicap spaces, however, ADA warning surface is not required along the building sidewalk of VyStar and creates a tripping hazard. The river rock imbedded surface is a decorative sidewalk appearance for the site and not meant for detectable waring surface. I**
2. Is a 12' wide dumpster pad are wide enough? **Response: VyStar credit union does not generate large amounts of traffic like a restaurant. A single dumpster enclosure is sufficient for VyStar.**

Sht.7

1. The pipe slope between I-3 and I-4 should be 0.38%. **Response: The drainage plan has been revised per FDOT drainage permit and to provide the correct pipe slope percentage.**
2. Revise detail of CS-01 accordingly based on Sht. 8 comments. **Response: CCS-01 was revised per comments.**

Sht.8

1. Provide FDOT label and detailing for curb cut ramps along the 2 east driveways connections. It may be appropriate to provide blowup details of the 2 connections to detail the curbing, grading, and curb cut ramp connections. **Response: Curb ramps are noted to be constructed per FDOT Index No. 304, curb ramp CR-G. A full blowup detail of the connections is not required, the Contractor can view FDOT Index No. 304 and will have expert knowledge of this detail and requirement.**
2. Suggest labeling where spillout Type F C & G occur onsite. **Response: Type F catch and spillout curb locations are shown on revised Sheets 6 and 8. Refer to the Legend to depict spillout and catch curb.**
3. Is the bottom of Basin DA-3 supposed to be flat at Elev. 92.0, with a small sump at 91.0 on the south end, or does the bottom slope from the north end at 92 to the south end at 91? If it is intended to be flat, a 92 contour line added just north of the 91 contour would clarify that. **Response: DA-3 has a small sump at EL 91.0. The contour grading has been revised to properly show the flat area and sump location.**
4. No treatment is shown for the existing storm inlet located in the middle of the northwest driveway connection. If it is intended that the inlet should remain and be adjusted, that denoted it as such. Also, the grading is shown such that the parking lot to the north will discharge into the site at that location. Has the additional runoff into the site from the north been accounted for in the drainage calculations? Consideration should be given to providing a slightly higher elevation at the R/W line to prevent the Publix runoff from entering the site and entering Basin DA-4. Provide additional detailing and grading as appropriate. **Response: Your suggestion was taken into consideration and provided helpful. Sheet 8 is revised to show a slightly higher elevation at the R/W line to prevent the Publix runoff from entering the site and entering Basin DA-4.**
5. It may be helpful to add an additional 104 contour on the east side of Basin DA-4 to show the proposed berm at Elevation 104 on the east side of the basin. **Response: 104 contour revised to provide a 2-foot wide berm along the east side. See revised Sheet 8.**
6. Outfall structure CS-01 may need to be shifted southward. The outfall pipe heading SE is exposed when it exits the structure. Either provide revised grading to design adequate fill over

the pipe or shift the structure location. **Response: The control structure and outfall piping has been revised to provide adequate cover over all pipes. See revised Sheets 8 and 8.**

7. The 15" endwall structure SE of CS-01 is designed with an invert elevation of 101.50, yet the natural grade at that location is approximately 102.75 which creates the outfall 1.25' below grade. This will cause the discharge system to back up. It should be designed to be free flowing. Perhaps the endwall can be moved to the north somewhat and the discharge directed more easterly toward the 101 contour near the monument sign. A minor swale would need to be shown within that area. This may be more desirable than trying to cross the underground utilities located near the R/W line. Please adjust the discharge design appropriately with revised grading depicted for the proper discharge. **Response: The grading plan has been revised to discharge the control structure outfall with positive drainage. See revised Sheet 8.**
8. I am not sure why a stormwater manhole is located in the very SE of the site near the southeastern most curb cut ram. My guess is that stormwater manhole was provided as a connection for this site to a downstream stormwater system. Does the EOR have any previous design or record drawings of the Publix development that depict this manhole and the intent of it being placed there? Would this manhole provide a good location for an emergency overflow connection from Basin DA-3? **Response: The manhole used to be a stormwater inlet when Raceway Market #163 was constructed and was used to connect to a small swale along the west driveway (ERP-001-205861). When Public was developed this inlet was changed to a manhole top with no stormwater connection because the stormwater for the driveway was re-routed to the Publix stormwater system (ERP-001-221992-4). VyStar Credit Union does not have the right to drain into this drainage manhole.**

Sht. 9

1. In Section A the pavement slopes most likely are not correct as they vary according to the grading plan. Suggest removing the specific slope callouts to avoid conflict. **Response: Cross sections have been revised to label the slopes as varying.**
2. In Section B, please confirm if the Basin bottom is intended to be flat at Elevation 92.0. **Response: Basin DA-3 bottom elevation is 92.0 with a sump at the existing 15" MES outfall of elevation 91.0. The grading of the sump is shown on the grading plan.**

Sht. 10

1. In Section D at upper left the basin side slope dimensions should be 28 ft not 24 ft. **Response: Section revised to 28 feet.**
2. Depict the sump at elevation 91.0 in Section E. **Response: Revised per comment.**
3. On the very right side of Section E depict the fill to elevation 103 identified on Sht. 8. **Response: Noted per comment.**

Sht. 12

1. Please check the slope of the southernmost sanitary sewer section. It indicates 4.0% which may not be correct. **Response: The sanitary sewer connection from property line to main has been revised to 3.73%.**
2. Consider moving the 1st sanitary sewer cleanout to the north so it is out from under the car parking space. A 6" main can be up to 100 ft. long between cleanouts, so the cleanout could be moved northward and placed within the sidewalk. **Response: Cleanout moved to the sidewalk.**

Sht. 18

1. Consider shifting the Red Maple off of the top of the outfall pipe from Basin DA-4. **Response: Tree has been relocated away from the outfall pipe.**
2. Can the trees proposed across from the building closest to the R/W line be shifted southward somewhat to get them further away from the proposed curb and paving? **Response: The trees have been shifted away from the pavement slightly but cannot get any closer to the right-of-way line due to the existing overhead power line.**

Public Services Department in a memo dated January 18, 2017

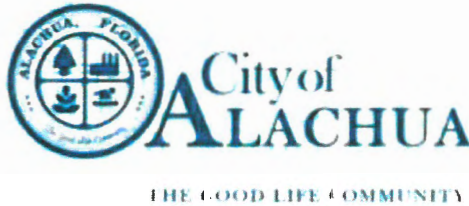
1. Wastewater; Utility Plan sheet 12, Cleanout and collar shall be installed at the edge of P.U.F. **Response: A cleanout has been added to the right-of-way line.**
2. Distributions/Collections; Utility Plan
 - a. Sheet 12, polyethylene pipe is not acceptable within City maintenance area. **Response: Water service line revised to 2" SCH 40 PVC.**
 - b. Sheet 12, Details shall be in accordance with City details. **Response: Added note to both Water and Sewer General Notes. See No. 1.**
 - c. Sheet 14, copper wire shall be used to locate main. Extend copper wire 18 inches minimum above grade at valve box. **Response: Revised per comment, see sheet 14, Note 3 on the SINGLE AND DUAL WATER METER ASSEMBLY (W-8.1).**
 - d. Sheet 14, Details shall be in accordance with City details. **Response: All water and sewer details revised to City details. See revised Sheet 14.**
3. Water; Submit for approval fire flow requirement for the proposed facility. **Response: Fire flow calculations are provided on the revised utility plan. The building also has a fire sprinkler system.**
4. Electric; Submit for review and approval load calculations. **Response: See attached electric load calculations.**
5. Electric; Electric connection point is incorrect. Conduit should go north out of transformer approximately 110 feet and then east to City of Alachua connection point. Coordinate with City of Alachua Electric Public Services. **Response: Electrical conduit location revised per comment.**
6. Electric; All Primary conduits shall be 48 inches cover minimum. **Response: Electrical conduit depth revised to 48-inches minimum.**

If you have any questions or need additional information, please feel free to call or email me at Harry@Newkirk-Engineering.com.

Sincerely,

NEWKIRK ENGINEERING, INC.

Harry Newkirk, PE # 62971
President of Newkirk Engineering, Inc.



Authorized Agent Affidavit

A. PROPERTY INFORMATION

Address of Subject Property: 16181 NW US Highway 441

Parcel ID Number(s): 03053-001-004

Acreage: 2.04

B. PERSON PROVIDING AGENT AUTHORIZATION

Name: Brian Kitchens

Title: VP - Purchasing & Facilities

Company (if applicable): VyStar Credit Union

Mailing Address: 4949 Blanding Boulevard

City: Jacksonville

State: Florida

ZIP: 32210

Telephone: (904) 228-3602

FAX:

e-mail: kitchensb@vystarcu.org

C. AUTHORIZED AGENT

Name: Harry Newkirk, PE

Title: President

Company (if applicable): Newkirk Engineering, Inc.

Mailing address: 1370 N US Highway 1, Suite 204

City: Ormond Beach

State: FL

ZIP: 32174

Telephone: (386) 290-7599

FAX:

e-mail: harry@newkirk-engineering.com

D. REQUESTED ACTION:

All required site plan applications and public meetings for the proposed VyStar Credit Union to include site plan application, neighborhood meeting, concurrency application, Planning and Zoning Board and City Commission meetings.

I hereby certify that I am the property owner of record, or I have received authorization from the property owner of record to file an application for a development permit related to the property identified above. I authorize the agent listed above to act on my behalf for purposes of this application.

Signature of Applicant

Signature of Co-applicant

Typed or printed name and title of applicant

Typed or printed name of co-applicant

State of Florida

County of Duval

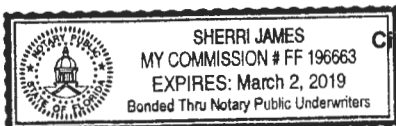
The foregoing application is acknowledged before me this 28 day of April, 2016, by

Brian J. Kitchens

who is/are personally known to me, or who has/have produced as identification.

NOTARY SEAL

Signature of Notary Public, State of Florida



City of Alachua ♦ Planning and Community Development Department
PO Box 9 ♦ Alachua, FL 32616 ♦ (386) 418-6121
Revised 9/30/2014



City of
ALACHUA

THE GOOD LIFE COMMUNITY

FOR PLANNING USE ONLY

Case #: _____
Application Fee: \$ _____
Filing Date: _____
Acceptance Date: _____
Review Type: P&Z

Site Plan Application

Reference City of Alachua Land Development Regulations Article 2.4.9

A. PROJECT

1. Project Name: VyStar
2. Address of Subject Property: 16181 NW US Highway 441
3. Parcel ID Number(s): 03053-001-004
4. Existing Use of Property: Vacant
5. Future Land Use Map Designation: Commercial
6. Zoning Designation: CI
7. Acreage: 2.04

B. APPLICANT

1. Applicant's Status ☒ Owner (title holder) ☐ Agent
2. Name of Applicant(s) or Contact Person(s): Brian Kitchens Title: VP - Purchasing & Facilities
Company (if applicable): VyStar Credit Union
Mailing address: 4949 Blanding Boulevard
City: Jacksonville State: Florida ZIP: 32210
Telephone: (904) 228-3602 FAX: _____ e-mail: kitchensb@vystarcu.org
3. If the applicant is agent for the property owner*:
Name of Owner (title holder): _____
Mailing Address: _____
City: _____ State: _____ ZIP: _____

* Must provide executed Property Owner Affidavit authorizing the agent to act on behalf of the property owner.

C. ADDITIONAL INFORMATION

1. Is there any additional contact for sale of, or options to purchase, the subject property? ☐ Yes ☒ No
If yes, list names of all parties involved: _____
If yes, is the contract/option contingent or absolute? ☐ Contingent ☐ Absolute

D. ATTACHMENTS

1. Site Plan including but not limited to:
 - a. Name, location, owner, and designer of the proposed development.
 - b. Zoning of the subject property.
 - c. Vicinity map - indicating general location of the site and all abutting streets and properties.
 - d. Complete legal description.
 - e. Statement of Proposed Uses.
 - f. Location of the site in relation to adjacent properties, including the means of ingress and egress to such properties and any screening or buffers along adjacent properties.
 - g. Date, north arrow, and graphic scale (not to exceed one (1) inch equal to fifty (50) feet.)
 - h. Area and dimensions of site.
 - i. Location of all property lines, existing right-of-way approaches, sidewalks, curbs, and gutters.
 - j. Access and points of connection to utilities (electric, potable water, sanitary sewer, gas, etc.)
 - k. Location and dimensions of all existing and proposed parking areas and loading areas.
 - l. Location, size, and design of proposed landscaped areas (including existing trees and required landscaped buffer areas) with detail illustrating compliance with Section 6.2.2 of the Land Development Regulations.

City of Alachua ♦ Planning and Community Development Department
PO Box 9 ♦ Alachua, FL 32616 ♦ (386) 418-6121

Revised 9/30/2014

- m. Location and size of any lakes, ponds, canals, or other waters and waterways.
- n. Structures and major features – fully dimensioned – including setbacks, distances between structures, floor area, width of driveways, parking spaces, property or lot lines, and floor area ratio.
- o. Location of waste receptacles and detail of waste receptacle screening.
- p. For development consisting of a nonresidential use, except for single tenant retail sales and services uses greater than or equal to 20,000 square feet in area and except for use types within the industrial services, manufacturing and production, warehouse freight and movement, waste-related services, and wholesale sales use categories:
 - i. Architectural plans and dimension plans which demonstrate compliance with the design standards for business uses as provided in Section 6.8.2 of the LDRs, including:
 - (a) Calculation of glazing of the front façade.
 - (b) Calculation of the area of ground floor façades subject to glazing.
 - (c) Detail on the architectural plans and dimension plans depicting façade massing and/or alternatives to required façade massing.
 - (d) Sufficient plan detail and calculations of each material utilized in each façade.
- q. For development consisting of a nonresidential use where a single tenant is greater than or equal to 20,000 square feet in area:
 - i. Architectural plans and dimension plans which demonstrate compliance with the design standards for single tenant retail sales and service uses greater than or equal to 20,000 square feet in area as provided in Section 6.8.3 of the LDRs, including:
 - (a) Calculation of glazing of the façades facing streets, residential uses, and vacant residential/agricultural land.
 - (b) Calculation of the area of ground floor façades subject to glazing.
 - (c) If glazing alternatives are used, calculation of area of alternative materials used.
 - (d) Detail on the architectural plans and dimension plans depicting façade massing and/or alternatives to required façade massing.
 - (e) Color architectural plans depicting the color of all materials used in the façade.
- r. For development consisting of one or more of the following: Multi-family residential; Hotel; or Mobile Home Park:
 - i. Tabulation of gross acreage.
 - ii. Tabulation of density.
 - iii. Number of dwelling units proposed.
 - iv. Location and percent of total open space and recreation areas.
 - v. Floor area of dwelling units.
 - vi. Number of proposed parking spaces.
 - vii. Street layout.
 - viii. Layout of mobile home stands (for mobile home parks only).
 - ix. City of Alachua Public School Student Generation Form.

Sheet Size: 24" X 36" with 3" left margin and ½" top, bottom, and right margins

2. Stormwater management plan - including the following:
 - a. Existing contours at one (1) foot intervals based on U.S. Coastal and Geodetic Datum.
 - b. Proposed finished floor elevation of each building site.
 - c. Existing and proposed stormwater management facilities with size and grades.
 - d. Proposed orderly disposal of surface water runoff.
 - e. Centerline elevations along adjacent streets.
 - f. Water Management District surfacewater management Statement of proposed uses on the site plan
3. Fire Department Access and Water Supply: The design criteria shall be Chapter 18 of the Florida Fire Prevention Code. Plans must be on separate sealed sheets and must be prepared by a professional Fire engineer licensed in the State of Florida. Fire flow calculations must be provided for each newly constructed building. When required, fire flow calculations shall be in accordance with the Guide for Determination of Required Fire Flow, latest edition, as published by the Insurance Service Office (ISO) and /or Chapter 18, Section 18.4 of the Florida Fire Prevention Code, whichever is greater. All calculations must be demonstrated and provided. All calculations and specifications must be on the plans and not on separate sheets. All fire protection plans are reviewed and approved by the Alachua County Fire Marshal.
4. Concurrency Impact Analysis showing the impact on public facilities, including potable water, sanitary sewer, transportation, solid waste, recreation, stormwater, and public schools in accordance with Article 2.4.14 of the Land Development Regulations.
5. Analysis of Consistency with the City of Alachua Comprehensive Plan (analysis must identify specific Goals, Objectives, and Policies and describe in detail how the application complies with the noted Goal, Objective, or Policy.)

For commercial project Applications:

- a. In addition to submitting specific written information regarding your **commercial** development's compliance with the relevant Goals, Objectives, and Policies of the City of Alachua Comprehensive Plan, you must respond directly to the standards listed below. You should be specific in terms of how your commercial development will comply with these standards.

Policy 1.3.d Design and performance standards

The following criteria shall apply when evaluating commercial development proposals:

1. Integration of vehicular and non-vehicular access into the site and access management features of site in terms of driveway cuts and cross access between adjacent sites, including use of frontage roads and/or shared access;
2. Buffering from adjacent existing/potential uses;
3. Open space provisions and balance of proportion between gross floor area and site size;
4. Adequacy of pervious surface area in terms of drainage requirements;
5. Placement of signage;
6. Adequacy of site lighting and intrusiveness of lighting upon the surrounding area;
7. Safety of on-site circulation patterns (patron, employee and delivery vehicles), including parking layout and drive aisles, and points of conflict;
8. Landscaping, as it relates to the requirements of the Comprehensive Plan and Land Development Regulations;
9. Unique features and resources which may constrain site development, such as soils, existing vegetation and historic significance; and
10. Performance based zoning requirements, which may serve as a substitute for or accompany land development regulations in attaining acceptable site design.
11. Commercial uses shall be limited to an intensity of less than or equal to .50 floor area ratio for parcels 10 acres or greater, .50 floor area ratio for parcels less than 10 acres but 5 acres or greater, a .75 floor area ratio for parcels less than 5 acres but greater than 1 acre, and 1.0 floor area ratio to parcels 1 acre or less.

For industrial project Applications:

- b. In addition to submitting specific written information regarding your **industrial** development's compliance with the relevant Goals, Objectives, and Policies of the City of Alachua Comprehensive Plan, you must respond directly to the standards listed below. You should be specific in terms of how your industrial development will comply with these standards.

Policy 1.5.d

The City shall develop performance standards for industrial uses in order to address the following:

1. Integration of vehicular and non-vehicular access into the site and access management features of site in terms of driveway cuts and cross access between adjacent sites, including use of frontage roads and/or shared access;
2. Buffering from adjacent existing/potential uses;
3. Open space provisions and balance of proportion between gross floor area and site size;
4. Adequacy of pervious surface area in terms of drainage requirements;
5. Placement of signage;
6. Adequacy of site lighting and intrusiveness of lighting upon the surrounding area;
7. Safety of on-site circulation patterns (patron, employee and delivery vehicles, trucks), including parking layout and drive aisles, and points of conflict;
8. Landscaping, as it relates to the requirements of the Comprehensive Plan and Land Development Regulations;
9. Unique features and resources which may constrain site development, such as soils, existing vegetation and historic significance; and
10. Performance based zoning requirements that may serve as a substitute for or accompany land development regulations in attaining acceptable site design.
11. Industrial uses shall be limited to an intensity of less than or equal to .50 floor area ratio for parcels 10 acres or greater, .50 floor area ratio for parcels less than 10 acres by 5 acres or greater, .75 floor area ratio for parcels less than 5 acres but greater than 1 acre, and 1.0 floor area ratio for parcels 1 acre or less.

6. For Site Plans for Buildings Less than 80,000 Square Feet in Area: One (1) set of labels for all property owners within 400 feet of the subject property boundaries – even if property within 400 feet falls outside of City limits (obtain from the Alachua County Property Appraiser's web site) – and all persons/organizations registered to receive notice of development applications.
For Site Plans for Buildings Greater than or Equal to 80,000 Square Feet in Area: Two (2) sets of labels for all property owners within 400 feet of the subject property boundaries – even if property within 400 feet falls outside of City limits (obtain from the Alachua County Property Appraiser's web site) – and all persons/organizations registered to receive notice of development applications.
7. Neighborhood Meeting Materials, including:
 - i. Copy of the required published notice (advertisement) – must be published a newspaper of general circulation, as defined in Article 10 of the City's Land Development Regulations
 - ii. Copy of written notice (letter) sent to all property owners within 400 feet and to all persons/organizations registered with the City to receive notice, and mailing labels or list of those who received written notice
 - iii. Written summary of meeting – must include (1) those in attendance; (2) a summary of the issues related to the development proposal discussed; (3) comments by those in attendance about the development proposal; and, (4) any other information deemed appropriate.
8. Legal description with tax parcel number, separate from all other documentation on 8.5" x 11" paper.
9. Proof of ownership (i.e., copy of deed.)
10. Proof of payment of taxes.
11. Environmental Resource Permit (or Letter of Exemption) from the Suwannee River Water Management District or Self-Certification for a Stormwater Management System in Uplands Serving Less than 10 Acres of Total Project Area and Less than 2 Acres of Impervious Surfaces from the Florida Department of Environmental Protection pursuant to Section 403.814(12), Florida Statutes.
12. If access is from a County Road, access management permit from Alachua County Public Works (or documentation providing evidence that a permit application has been submitted).
13. If access is from a State Road, access management permit from Florida Department of Transportation (or documentation providing evidence that a permit application has been submitted).
14. **Fee.** Please see fee schedule for fee determination. No application shall be accepted for processing until the required application fee is paid in full by the applicant. Any necessary technical review or additional reviews of the application beyond the initial engineering review fee will be billed to the applicant at the rate of the reviewing entity. The invoice shall be paid in full prior to any legislative and/or quasi-judicial action of any kind on the petition, appeal, or development application.

All 14 attachments are required for a complete application. A completeness review of the application will be conducted within five (5) business days of receipt. If the application is determined to be incomplete, the application will be returned to the applicant.

I/We certify and acknowledge that the information contained herein is true and correct to the best of my/our knowledge.

Signature of Applicant

Signature of Co-applicant

Typed or printed name and title of applicant

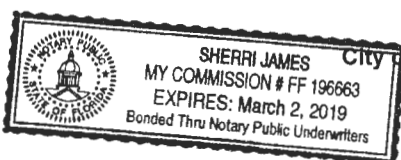
Typed or printed name of co-applicant

State of Florida County of Duval

The foregoing application is acknowledged before me this 28 day of April, 2016 by Brian J. Kitchens

_____, who is/are personally known to me, or who has/have produced _____ as identification.

Signature of Notary Public, State of Florida



City of Alachua ♦ Planning and Community Development Department
 PO Box 9 ♦ Alachua, FL 32616 ♦ (386) 418-6121

Revised 9/30/2014



NEWKIRK ENGINEERING, INC.

Civil Engineering – Land Development – CEI

1370 North US1, Suite 204

Ormond Beach, FL 32174

(386) 290-7599

Harry@Newkirk-Engineering.com

Statement of Proposed Uses

The proposed VyStar Credit Union is designed to provide financial institution services for the public of the City of Alachua.

Comprehensive Plan Consistency

Vision 2020:

III. Goals to Implement the Vision

Goal One: Economic Development

The City of Alachua has a unique business climate. The City is home to corporations, technology incubators, local businesses and start-up companies. The City will maintain its focus on a welcoming business environment and encourage business development in the downtown area and along the U.S. 441 corridor. Alachua desires to continue to be a home to innovative businesses and an employment center where jobs are provided at every level. The City will continue to encourage the growth and development of established industries, such as biotechnology, and encourage the diversification and expansion of commercial businesses which provide integral services to the City's residents.

Consistency: The proposed VyStar Credit Union will support and contribute to the type of commercial development that the City of Alachua encourages along US 441. The proposed facility will also increase the number of professional job opportunities in the City.

Future Lane Use Element:

Objective 1.3: Commercial

The City of Alachua shall establish three commercial districts: Community Commercial, Commercial and Central Business District. These districts shall provide a broad range of retail sales and services as well as office uses, in order to provide for the availability of goods and services, both to citizens of Alachua and to citizens of the North Central Florida region.

Consistency: The proposed VyStar Credit Union will serve the intent of the Commercial Future Lane Use designation, as it will provide access to financial institution services for the citizens of Alachua in a commercialized, urban portion of the city located in close proximity to the population base. In addition, the site is consistent with the policies outlined in Future Land Use Policy 1.3.b and 1.3.d as indicated below:

Policy 1.3.b: Commercial: The Commercial lane use category is established to provide for general commercial uses, as well as more intense commercial and highway commercial uses. This is the land

use category in which large-scale, regional commercial uses may locate. The following uses are allowed within the Commercial land use category:

1. Retail sales and services;
2. Personal Services;
- 3. Financial Institutions;**
4. Outdoor recreation and entertainment;
5. Tourist-related uses;
6. Hotels, motels;
7. Commercial shopping centers;
8. Auto-oriented uses;
9. Traditional Mixed-use Neighborhood Planned Development;
10. Employment Center Planned Developments;
11. Commercial recreation centers;
12. Office/business parks;
13. Limited industrial services;
14. Eating Establishments

Consistency: As indicated in Policy 1.3(b)(12) above, the proposed VyStar Credit Union is consistent with and will service the intent of the Commercial Future Lane Use category. The site is a proposed financial institution near other commercial and residential development.

Policy 1.3.d: Design and performance standards: The following criteria shall apply when evaluation commercial development proposals:

1. Integration of vehicular and non-vehicular access into the site and access management features of site in terms of driveway cuts and cross access between adjacent sites, including use of frontage roads and/or shared access;

Consistency: The site plan includes a sidewalk for non-vehicular access to the site and three (3) interior driveway connections onto private driveways.

2. Buffering from adjacent existing/potential uses;

Consistency: A 20 feet landscape buffer is provided along US Highway 441 (front landscape buffer) and a 10 feet landscape buffer is provided for the remainder of the site (sides and rear landscape buffer).

3. Open space provisions and balance of proportion between gross floor area and site size;

Consistency: The proposed open space is 54.9% and the building has a floor ratio of 0.05 or 5% of the site, as demonstrated on the Site Plan.

4. Adequacy of pervious surface areas in terms of drainage requirements;

Consistency: The Site Plan includes a detailed stormwater management plan with design details for an on-site basin area, which demonstrate compliance with all applicable local and state regulations.

5. Placement of signage;

Consistency: The permitting of signs will occur under a separate process and those permits shall be prepared in compliance with City of Alachua Land Development Code.

6. Adequacy of site lighting and potential impacts of lighting upon the surrounding area. Lighting should be designed to minimize impacts and preserve the ambiance and quality of the nighttime sky by reducing light trespass and light pollution on adjacent properties by utilizing lighting at an appropriate intensity, direction and times to ensure light is not overused or impacting areas where it is not intended;

Consistency: The Site Plan includes a photometric plan that complies with all elements of the Comprehensive Plan and Land Development Regulations.

7. Safety of on-site circulation patterns (patron, employee and delivery vehicles), including parking layout and drive aisles and points of conflict;

Consistency: The parking area includes sidewalks and crosswalks (with internal and external connectivity) to ensure safe on-site circulation for vehicular and non-vehicular traffic.

8. Landscaping, as it relates to the requirements of the Comprehensive Plan and Land Development Regulations;

Consistency: The Site Plan includes a landscape plan prepared by a registered landscape architect that complies with all elements of the Comprehensive Plan and Land Development Regulations.

9. Unique features and resources which may constrain site development, such as soils, existing vegetation and historic significance; and

Consistency: There are no unique features or resources associated with this project. Therefore, this policy is not applicable.

10. Performance based zoning requirements, which may serve as a substitute for or accompany land development regulations in attaining acceptable site design.

Consistency: No specific performance based zoning requirements apply to this project, other than the standard requirements found in the Land Development Code.

11. Commercial uses shall be limited to an intensity of less than or equal to 0.50 floor area ratio for parcels 10 acres or greater, 0.50 floor area ratio for parcels less than 10 acres but 5 acres or greater, a 0.75 floor area ratio for parcels less than 5 acres but greater than 1 acre, and 1.0 floor area ratio to parcels 1 acre or less.

Consistency: The proposed site is 2.04 acres and the proposed use on site has a floor area ratio of 0.05, as demonstrated on the Site Plan.

Policy 1.3.e: The creation/promotion of strip pattern commercial development shall be discouraged. Infill within established commercial areas is preferred over extension of a strip commercial pattern. Extension of a commercial land use designation may be considered in circumstances where the proposed commercial parcel is located within a block in which at least fifty percent (50%) of the block face (in linear feet) is either currently developed with commercial land uses or is designated for commercial use. In either case, the proposed commercial land use extension shall not encroach into a residential area. Judging the suitability of a location for an extension of commercial land uses shall be based upon the following minimum criteria.

1. Impacts upon traffic circulation should be anticipated and mitigated through the reservation of right-of-way for road widening and marginal access streets. Access points for commercial complexes shall

seek to minimize points of conflict by utilizing frontage roads, providing cross access between parcels or installing shared use curb cuts for access driveways to the maximum extent feasible.

Consistency: The Site Plan includes sidewalk for non-vehicular access to the site and three (3) interior driveway connections onto a private cross access driveway for vehicular access. There are no proposed driveway connections to the frontage road, US Highway 441.

2. Setbacks and landscaped or other appropriate buffers shall be established to mitigate the visual impacts of commercial development.

Consistency: The Site Plan includes a landscape plan that complies with all elements of the Comprehensive Plan and Land Development Regulations. A 20-foot landscape buffer is provided along US Highway 441 and a 10-foot landscape buffer along the sides and rear.

3. A sidewalk or bicycle path shall be required where appropriate, to provide convenient access to surrounding residents and to reduce traffic volumes on the roadways.

Consistency: The Site Plan includes sidewalks with internal and external interconnectivity to provide convenient access to surrounding residents and reduce traffic volumes on roadways.

Objective 5.1: Natural features:

The City shall coordinate Future Land Use designations with appropriate topography, soils, areas of seasonal flooding, wetlands and habitat during review of proposed amendments to the Future Land Use Map and the development review process. Natural features may be included as amenities within a development project.

Consistency: As demonstrated in the consistency statements listed in Policy 5.1.a-d below, the proposed project site does not contain any natural features that would be inappropriate for development nor any features that need to be preserved as amenities.

Policy 5.1.a: Topography: The City shall protect the natural topography of the City, including steep and seepage slopes, by requiring new development to include techniques to minimize negative impacts on the natural terrain. An emphasis will be placed on retaining the natural function of seepage slopes during development. Additionally, retention of existing native vegetation will be encouraged as one method of protecting slopes.

Consistency: The Site Plan, Grading Plan shows no steep or seepage slopes are located on the project site that would result in negative impacts on the natural terrain. See attached Quad Map.

Policy 5.1.b: Soils: The City shall ensure soil protection and intervention measures are included in the development review process.

Consistency: According to the Soil Survey of Alachua County, the soils located on the project site are (Fort Meade fine sand and Kendrick sand) are suitable for development. See attached Soils Map.

Policy 5.1.c: Flood prone areas: The City shall require as part of the development review process the identification of FEMA flood zone areas. Where necessary, base flood elevations and minimum finished floor elevations shall be established. The City shall also require finished floor elevations on subdivision plats, site plans and building permit plans when necessary to determine compliance with

flood prone area regulations. The City shall establish standards for a limitation on filling in flood prone areas.

Consistency: According to the FEMA FIRM Map Panel No. 12001C0120D, Dated June 16, 2006, the site is located in Zone “X” and is not located in a flood prone area. See attached FIRM Map.

Policy 5.1.d: Wetlands: The City shall utilize statewide wetland delineation methodology in accordance with the Florida Administrative Code (FAC) and regulations adopted by the FDEP and the Suwannee River Water Management District.

Consistency: The site is located on an existing vacant lot that was cleared and graded during the construction of the Alachua Market Place development. There are no wetlands located on the project site. See attached Aerial Map.

Policy 5.1.e: Habitat: The City shall require a part of the development review process, an inventory of listed species for all new developments in areas identified as known habitat for listed species if listed species are known to exist in close proximity to the development. The survey shall include detailed information regarding type, quantity, location and habitat requirements for any listed species identified. A de minimum threshold for properties to complete the inventory shall be established in the City’s Land Development Regulations.

Consistency: The site is located on an existing vacant lot that was cleared and graded during the construction of the Alachua Market Place development. Also, according to the Florida Natural Areas Inventory (FNAI), there are no listed species or habitat areas located on the project site.



NEWKIRK ENGINEERING, INC.

Civil Engineering – Land Development – CEI

1370 North US Highway 1, Suite 204

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(386) 290-7599

Harry@Newkirk-Engineering.com

July 1, 2017

Adam Hall, AICP

City of Alachua

15100 NW 142nd Terrance

Alachua, FL 32615

(386) 418-6121

**RE: VYSTAR CREDIT UNION
16181 NW US HIGHWAY 441
CONCURRENCY IMPACT ANALYSIS**

Dear Mr. Hall:

The Applicant, VyStar Credit Union, proposes a 4,000 square feet “VyStar Credit Union” with four (4) bank teller drive-thru lanes and 30 parking spaces (2 handicap and 28 standard) on a 2.04-acre commercial parcel. The following calculations are provided for Concurrency Impact Analysis:

Traffic Impacts:

A trip distribution analysis was performed on the proposed Vystar Alachua Site to determine the impact to nearby roadway segments, per City of Alachua Land Development Regulation [Section 2.4.14(H)(2)]. Internal capture is anticipated to be minimal for this site, and has been ignored to provide a more conservative result. According to the ITE Vehicular Trip Generation Rates for Drive-in Bank (912), a 4,000 square feet bank generates 593 AADT and 103 Peak Hour Trips according to the ITE Vehicular Trip Generation Rates for (912) Drive-in Bank. The anticipated trip distributions are applied to the ITE estimated driveway trips for the project, and the anticipated impacts to the surrounding roadway segments are compared with their available capacities in the tables below:

Total Projected Trips

(AADT) = 593

Impacted Segment Name	Comp Plan Segment	% of Trips	# of Trips	Available Capacity	Excess Capacity
I-75 South of US 441	1	40%	237	42672	42435
I-75 North of US 441	2	10%	59	28319	28260
US 441 (south)	5	20%	119	7201	7082
CR235A South	8	15%	89	2940	2851
CR235A North	9	15%	89	6751	6662

PM Peak Trips = 103

Impacted Segment Name	Comp Plan Segment	% of Trips	# of Trips	Available Capacity	Excess Capacity
I-75 South of US 441	1	75%	77	3151	3074
I-75 North of US 441	2	5%	5	1706	1701
US 441 (south)	5	10%	10	509	499
CR235A South	8	5%	5	218	213
CR235A North	9	5%	5	580	575

Each of the impacted segments is demonstrated to have more available capacity than the anticipated impacts of this project.

Potable Water Impact:

The City of Alachua current permitted capacity for water is 2,300,000 gallons per day. The water system currently has residual capacity for 997,103 gallons per day. According to the FAC 64E-6.008, Table 1, the potable water flows are 1.10 (15 gpd/100sf x 4,000 sf) = 660 gallons per day. The proposed potable water impact is within the available capacity (660 gpd < 997,103 gpd).

Sanitary Sewer Impact:

The City of Alachua current permitted capacity for sanitary sewer is 1,500,000 gallons per day. The sanitary sewer system currently has residual capacity for 811,693 gallons per day. According to the FAC 64E-6.008, Table 1, the potable water flows are 1.0 (15 gpd/100sf x 4,000 sf) = 600 gallons per day. The proposed sanitary sewer impact is within the available capacity (600 gpd < 811,693 gpd)

Drainage Impact:

Project site has a proposed dry detention and dry retention pond. The stormwater system is designed so that the Post-Development discharge rate and volume for the 100-year, 1hour, 2hour, 4hour, 8hour, 24hour, 72hour, 168hour and 240 hour storm events does not exceed the Pre-Development discharge rate and volume.

Recreational Impact:

The project is a commercial development and does not contribute to recreational impacts.

Solid Waste Impact:

The City of Alachua existing demand for solid waste is 39,152 pounds per day with a reserved capacity of 4,866 pounds per day. The bank will generate 40 pounds per day (1 pound/day/100 sf x 4,000 sf = 40 pounds per day). The proposed solid waste impact is within the available capacity (40 lbs per day < 4,866 lbs per day).

School Impact:

The project is a commercial development and does not contribute to school impacts.

If you have any questions or need additional information, please feel free to call or email me at Harry@Newkirk-Engineering.com.

Sincerely,

NEWKIRK ENGINEERING, INC.

Harry Newkirk, PE # 62971
President of Newkirk Engineering

**NEWKIRK ENGINEERING, INC.****Civil Engineering – Land Development – CEI**

1370 North US Highway 1, Suite 204

Ormond Beach, FL 32174

(386) 290-7599

Harry@Newkirk-Engineering.com

May 1, 2017

Adam Hall, AICP

City of Alachua

15100 NW 142nd Terrance

Alachua, FL 32615

(386) 418-6121

**RE: VYSTAR CREDIT UNION
16181 NW US HIGHWAY 441
TRAFFIC STATEMENT**

Dear Mr. Hall

The proposed VyStar Credit Union consists of a 4,000 square foot building with four (4) bank teller drive-thru lanes. Site access is provided from three (3) private interior driveway connections onto private driveway.

The trip generation calculations show that the total project generated trip to external roadway network is 557 Daily Trip, 38 AM Peak Trips (12 in, 8 out and 18 Pass-By) and 110 PM Peak Hour (28 In, 30 out and 52 Pass-By). Furthermore, this project will have only minimal or insignificant traffic impact onto US Highway 441 and surrounding roadway networks.

Description / ITE Code	Units	ITE Vehicle Trip Generation Rates							
		(peak hours are for peak hour of adjacent streets)							
		Weekday	AM	PM	Pass-By	AM In	AM Out	PM In	PM Out
Drive-in Bank (912)	KSF ²	148.15	12.35	25.82	47%	56%	44%	50%	50%

Description / ITE Code	Total Generated Trips			Total Distribution of Generated Trips					
	Daily	AM Hour	PM Hour	AM In	AM Out	Pass-By	PM In	PM Out	Pass-By
Drive-in Bank (912)	593	49	103	15	12	23	27	27	49

If you have any questions or need additional information, please feel free to call or email me at Harry@Newkirk-Engineering.com.

Sincerely,

Harry Newkirk, PE # 62971

President of Newkirk Engineering

SITE DEVELOPMENT FLOW RATE ANALYSIS

PROJECT: VYSTAR CREDIT UNION
LOCATION: 16181 NW US HIGHWAY 441

POTABLE WATER DEMAND

BANK

A)	FLOOR SPACE	4,000 SF
B)	AVERAGE FLOW (ADF = 110% OF SEWAGE FLOW PER FAC 64E-6.008, TABLE 1)	15 GPD/100 SF
C)	PER CAPITA FLOW FACTOR	1.1
D)	MAXIMUM DAY FACTOR	2
E)	MAXIMUM HOUR FACTOR (OPEN 8 HOURS)	3
	AVERAGE FLOW = (A x B x C)	660 GPD
	RESIDUAL CAPACITY	997103 GPD
	PEAK DAY DEMAND	1,320 GPD
	PEAK HOUR DEMAND	248 GPH
	PEAK MINUTE DEMAND	4.1 GPM
	ESTIMATED MONTHLY FLOW	19,800 GAL

WASTEWATER DEMAND

BANK

A)	FLOOR SPACE	4,000 SF
B)	AVERAGE FLOW (ADF FROM FAC 64E-6.008, TABLE 1)	15 GPD/100 SF
C)	PER CAPITA FLOW FACTOR	1
D)	MAXIMUM DAY FACTOR	2
E)	MAXIMUM HOUR FACTOR (OPEN 8 HOURS)	3
	AVERAGE FLOW (A x B x C)	600 GPD
	RESIDUAL CAPACITY	811,693 GPD
	MAXIMUM DAY DEMAND	1200 GPD
	PEAK HOUR DEMAND	225.0 GPH
	PEAK MINUMTE DEMAND	3.8 GPM
	ESTIMATED MONTHLY FLOW	18,000 GAL

Harry Newkirk, PE # 62971
FL License No. 62971



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October 11, 2016

Adam Hall, AICP

City of Alachua

15100 NW 142nd Terrance

Alachua, FL 32615

(386) 418-6121

**RE: VYSTAR CREDIT UNION
16181 NW US HIGHWAY 441
NEIGHBORHOOD MEETING**

Dear Mr. Hall:

The VyStar Credit Union project has had two (2) Neighborhood Meetings. The first meeting was on May 16, 2016 at 6:00 PM at the Swick House. Brian Kitchen, Vice President of Purchasing and Facilities for VyStar Credit Union attended the meeting and no one from the Public or certified mailings attended the meeting. The second meeting was on August 24, 2016 at 6:00 PM at the Swick House. Harry Newkirk, President of Newkirk Engineering Inc. attended the meeting and again no one from the Public or certified mailings attended the meeting.

If you have any questions or need additional information, please feel free to call or email me at Harry@Newkirk-Engineering.com.

Sincerely,

NEWKIRK ENGINEERING, INC.

Harry Newkirk, PE # 62971

President of Newkirk Engineering, Inc.



NEWKIRK ENGINEERING, INC.

Civil Engineering – Land Development – CEI

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Ormond Beach, FL 32174

Harry@Newkirk-Engineering.com

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Neighborhood Meeting Notice

VyStar Credit Union proposes to construct a 1-story, 4,000 square feet VyStar Credit Union with four (4) Bank Teller lanes for drive-thru banking located at 16181 NW US Highway 441, Alachua, Florida 32615.

The community residents surrounding the project site are invited to attend a Neighborhood Meeting to discuss the details of the project. The purpose of the meeting will be to educate and inform the residents of the new development and obtain input regarding the proposed plan.

The Neighborhood Meeting will be held on Wednesday, August 24, 2016 at 6:00 PM to 7:00 PM at The Swick House, Conference Room #2, located at 15100 NW 142nd Terrace, Alachua, Florida 32615. A brief presentation will be given at 6:00 PM and the remaining time will be an opportunity for residents to ask questions and provide input.

In accordance with the Americans with Disabilities Act and Section 286.26, F.S., persons needing accommodations or an interpreter to participate in the meeting should notify the City no later than 48 hours prior to the meeting by contacting the City at (386) 418-6100.

For further information please Harry Newkirk, P.E., President of Newkirk Engineering at (386) 290-7599 or Harry@Newkirk-Engineering.com.

City Manager of the City of Alachua
P.O. Box 9
Alachua, FL 32616

Cavaceppi Sharleen O Trustee
PO Box 1325
Alachua, FL 32616-1325



School Board of Alachua City
Santa Fe High School
620 E University Avenue
Gainesville, FL 32601

Antoinette Endelicato
5562 NW 93rd Avenue
Gainesville, FL 32653



RaceTrac Petroleum, Inc.
PO Box 56607
Atlanta, GA 30343

Dan Rhine
288 Turkey Creek
Alachua, FL 32615



HIPP Investments, LLC
14610 NW 129th Terrace
Alachua, FL 32615

Tom Gorman
9210 NW 59th Street
Alachua, FL 32653



REO Funding Solutions V, LLC
3424 Peachtree Road NE, Suite 1775
Atlanta, GA 30326

Richard Gorman
5716 NW 93rd Avenue
Alachua, FL 32653

Peggy Arnold
410 Turkey Creek
Alachua, FL 32615



David Forest
23 Turkey Creek
Alachua, FL 32615

John Tingle
333 Turkey Creek
Alachua, FL 32615



President
TCMOA
1000 Turkey Creek
Alachua, FL 32615

Linda Dixon, AICP
Assistant Director Planning
PO Box 115050
Gainesville, FL 32611



Craig Parenteau
FDEP
4801 Camp Ranch Road
Gainesville, FL 32641

Jeannette Hinsdale
PO Box 1156
Alachua, FL 32616

Lynn Coullias
7406 NW 126th Avenue
Alachua, FL 32615

Lynda Coon
7216 NW 126 Avenue
Alachua, FL 32615

Tamara Robbins
PO Box 2317
Alachua, FL 32616

Dr. Lee A. Niblock
Alachua County Manager
12 SE 1st Street
Gainesville, FL 32601



John Amerson
All County Marion Property Management
2916 NE Jacksonville Road
Ocala, FL 34479

Alachua - Windcrest LLC
605 East Robinson St,
Suite 340
Orlando, FL 32801



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TODAY IN HISTORY

In 1821, Missouri became the 24th state.
In 1988, President Ronald Reagan signed a measure providing \$20,000 payments to still-living Japanese-Americans who'd been interned by their government during World War II.
In 1993, Ruth Bader Ginsburg was sworn in as the second female justice on the U.S. Supreme Court.

BIRTHDAYS

Actress Rhonda Fleming is 93. Singer Ronnie Spector is 73. Actor James Reynolds is 70. Rock singer-musician Ian Anderson (Jethro Tull) is 69. Country musician Gene Johnson (Diamond Rio) is 67. Singer Patti Austin is 66. Actor Daniel Hugh Kelly is 64. Folk singer-songwriter Sam Baker is 62. Singer Julia Fordham is 54. Journalist-blogger Andrew Sullivan is 53. Actor Chris Caldovino is 53. Singer Neneh Cherry is 52. Actress Angie Harmon is 44. Country singer Jennifer Hanson is 43. Actor-turned-lawyer Craig Kirkwood is 42. Actress JoAnna Garcia Swisher is 37. Actor Charley Koontz is 29. Actor Lucas Till is 26. Reality TV star Kylie Jenner is 19.

LOTTERY

Tuesday, Aug. 9
Pick 2
Early drawing: 8-3
Night drawing: 2-4
Pick 3
Early drawing: 8-8-1
Night drawing: 4-7-0
Pick 4
Early drawing: 0-2-9-2
Night drawing: 9-5-4-1
Pick 5
Early drawing: 3-0-8-4-4
Night drawing: 4-3-7-6-6
Fantasy 5
3-23-25-33-34
Lucky Money
1-11-27-39 LB: 3
MEGA MILLIONS
12-19-20-44-66 MB: 1

PREVIOUS RESULTS

Fantasy 5 – Monday
12-16-20-23-35
Match...Payoff...Winners
5-of-5...\$196,120.88...1
4-of-5...\$116...272
3-of-5...\$10.50...8,093

PAKISTAN

Lawyers mourn colleagues slain in attack

By Abdul Sattar
The Associated Press

QUETTA, Pakistan – Pakistani lawyers on Tuesday mourned colleagues slain in a shocking suicide bombing the previous day at a hospital in the southwestern city of Quetta that killed 70 people, mostly lawyers.
The attack, which stunned the judicial community, also underscored concerns that militants in Pakistan are still capable of striking in the heart of the country's cities and towns – despite government claims of dismantling various terror networks.
The Pakistani bar association called for lawyers to boycott courts in an unusual strike against the attack. Schools and markets were closed in Quetta, also in protest over the attack, which was claimed by a breakaway faction of the Pakistani Taliban, the Jamaat-ul-Ahrar militant group. Pakistan deployed extra police units outside court building. In Islamabad, lawyers lined up outside the Supreme Court under tight security to offer funeral prayers for those



Pakistani lawyers offer funeral prayers for their colleagues killed in a Monday bombing in Quetta, under tight security, outside the Supreme Court building Tuesday in Islamabad, Pakistan. B.K. BANGASH/THE ASSOCIATED PRESS

“Those who even did not spare the hospital and carried out the suicide attack cannot be called humans. ... We request that the government tracks down and punishes all those who killed innocent lawyers and other people.”

– Senior attorney Mohammad Ashraf

killed in Quetta, the capital of Baluchistan province.
In Quetta, senior attorney Mohammad Ashraf stood with colleagues in an open area outside a court building where they had often gathered for breaks with many of the lawyers who were killed Monday.

“Those who even did not spare the hospital and carried out the suicide attack cannot be called humans,” Ashraf said. “We request that the government tracks down and punishes all those who killed innocent lawyers and other people.”
Another lawyer,

Rehmatullah Khan, said he was missing his friends and colleagues. “We used to sit with them here ... now they are gone.”
At a Quetta market, Mohammad Saleem, a resident of the city, said everyone was still in a state of shock. “People are scared and they ask for how long the violence will continue,” he said.
Monday’s attack came as lawyers converged at a Quetta hospital after the body of a prominent colleague – Bilal Kasi, the president of the Baluchistan Bar Association – was brought there after he was shot and killed by gunmen just hours earlier.
A suicide bomber detonated his explosives’ vest amid the gathering, and survivors later described scenes of panic as the blast ripped through the emergency room.
In a statement, Ahsanullah Ahsan, spokesman for the Jamaat-ul-Ahrar militant group, said its fighters killed Kasi and also dozens of lawyers gathered at the government-run Civil Hospital to mourn for their colleague.
The group has been

behind several attacks in Pakistan in recent years, including a deadly March bombing on Easter Sunday in a park in the eastern city of Lahore that killed at least 70 people.
But in what was likely an opportunistic statement, the Islamic State group also claimed responsibility for the Quetta attack later on Monday, though there have been instances of competing claims in previous attacks in Pakistan. IS’s media arm, the Aamaq News Agency, posted on its Twitter account that a “martyrdom-seeking soldier from the Islamic State” detonated his explosives amid a lawyers’ gathering in Quetta. The IS statement did not mention the killing of Kasi.
The Sunni militant group, which is fighting in Iraq and Syria, has also garnered some support and wanna-be affiliates surface in Pakistan. Some members of the Pakistani Taliban last year announced they were joining the Islamic State, but so far the group has not had any visible presence anywhere in the country.

CALIFORNIA

Parks promised to poor neighborhoods unbuilt years later

By Alison Noon
The Associated Press

SACRAMENTO, Calif. – A decade after California voters approved spending \$400 million to build parks in some of the state’s poorest neighborhoods, an Associated Press review found fewer than half the 126 projects have been built. Now Democratic lawmakers are looking to add another \$1 billion to the program.
State officials say the long wait is the result of strong oversight, but people waiting for the parks see only empty lots.
In the South Los Angeles neighborhood of Florence, Jennifer Schott won’t let her kids play outdoors,

nor is she willing to make the eight-minute walk through gang territory to the nearest park.
No one told Schott, who directs a mental health facility in the high-crime neighborhood, that the state has shelled out \$5 million for the city parks department to replace vacant industrial buildings with 4 acres of grass, basketball courts and a community garden. Six years after the project was approved, the structures haven’t been touched.
“I would hope that they would start construction on it soon,” Schott said. “If they have a grant, let’s do it.”
Diana Bulnes, a department spokeswoman, did not respond to repeated requests for comment on the park or five others for which the city of Los Angeles has received funding. One has been completed, according to state data.
Community organizer Charisse Bremond Weaver said the park has been stalled amid bureaucratic hoops that became more problematic after Gov. Jerry Brown eliminated LA’s redevelopment agency and hundreds of others when California was climbing out of the recession.
About 54 percent of voters approved Proposition 84 in 2006, allowing California to sell \$5.4 billion in bonds and distribute the money to water, parks and conservation projects. The initiative promised \$400 million to create parks in neighborhoods without them or to expand over-used parks in low-income neighborhoods.
Based on guidelines that prioritized the neediest communities, the state parks department chose 126 parks and recreation center projects and awarded them \$396



Charisse Bremond Weaver, president of South Los Angeles community program Brotherhood Crusade, a community service and development organization, points to a derelict factory where the Slauson-Wall Park was to be built July 29 in Los Angeles. NICK UT/THE ASSOCIATED PRESS

million from a pool of 900 applicants that requested \$3 billion, data provided by the state show.
At least 59 projects have been built, according to data from the California Natural Resources Agency, which updated the parks’ progress in July following AP inquiries, and interviews conducted by the AP with local and other officials overseeing the projects. The unbuilt parks account for about \$230 million, or more than half, of the money given out from the 2006 initiative.
Parks pledged to disadvantaged communities in Los Angeles County account for one-third of all the projects and one-third of those that are incomplete, the data show. The rest are scattered across the state.
The state, local and nonprofit groups putting the money to work have broken no promises in taking a leisurely pace, because the original ballot measure made no commitments about how long it would take to build the parks. Still, people like Florence furniture builder Gustavo Guerrera are left thinking, “They’re never going to build a park here.”
The regulatory hurdles largely blamed for the delays are ubiquitous in California and make it

extremely difficult to build a house, let alone a public park, in under a decade, said Jon Coupal, president of the Howard Jarvis Taxpayers Association.
“It should not take that long,” Coupal said.
The state parks department awarded the last dollars in 2013, but most recipients couldn’t immediately put the money to use. Municipal boards had to sanction projects led by local parks departments, a process the state tried to expedite with fill-in-the-blank authorization forms. Accommodating new projects meant some agencies and organizations had to rearrange staff.
“We’re building the parks as fast as we can. There’s just multiple things we’re doing at the same time,” said Tori Kjer, Los Angeles program manager at the Trust for Public Land, a national organization that’s been building parks since 1972. It received funding to build eight of the California projects, four of which are complete.
It often took a year to finalize grant agreements, organize a team and select contractors, Kjer and other project coordinators said. They typically spend another year designing the project and getting permits, and additional time to engage the community

in the hope that residents use and maintain the space in perpetuity. Then construction can begin.
“Everyone wants their park right away, but projects of this scale are huge projects – we’re not talking about just replacing a bench,” said Jennifer Isacoff, national operations director at the Trust for Public Land. “It’s really important to us to design a planning process that will give a community its voice.”
The projects were given generous deadlines to facilitate oversight, officials say. Some of the incomplete parks must be finished by 2017, but most will be considered “on time” if they’re built by July 2019.
“A lot of these kinds of safeguards of planning and permitting and regulating are important, but make it so that doing anything in California takes time,” said Jon Christensen, an environmental humanities researcher at University of California Los Angeles who studied the program earlier this year.
Christensen found in a May report at least 90 percent of the parks funding has been dedicated to needy communities, as voters intended.
Democratic Assemblyman Eduardo Garcia of Coachella is pushing the Legislature to place a measure on the November ballot asking voters to dedicate another \$1 billion to the same program for new or expanded parks.
“From the state side, we met our obligation to the voters delivering the resources to these communities,” Garcia said.
Charisse Bremond Weaver, president of South Los Angeles community program Brotherhood Crusade, said she just wants to ensure the Slauson-Wall Park in Florence is not forgotten.

PUBLIC NOTICE
A Neighborhood meeting will be held to discuss the site plan for a proposed 4,000 square foot VyStar Credit Union located at 16181 NW US Highway 441, Alachua, Florida 32615. This is not a public hearing. The purpose of this meeting is to inform neighboring property owners of the nature of the proposal and to seek their comments.
The meeting will be held on Wednesday, August 24, 2016 at 6:00 P.M. at The Swick House, Conference Room #2, located at 15100 NW 142nd Terrace, Alachua, FL 32615.
Contact person: Harry Newkirk (386) 290-7599

PUBLIC NOTICE
A Neighborhood Meeting will be held to discuss a Rezoning application for Alachua County Tax Parcel 05949-000-000. The application will amend the zoning from Agriculture (A) to Planned Development-Residential (PD-R) and Planned Development-Commercial (PD-COMM) on ±160 acres located at 13270 NW U.S. Highway 441. The rezoning proposes a maximum of 580 dwelling units and 329,000 sq. ft. of non-residential uses.
The meeting’s purpose is to inform neighboring property owners of the proposal’s nature and to seek their comments.
The workshop is Wednesday, August 24, 2016 at 5:30 p.m. at the Hathcock Community Center, 15818 NW 140th Street, Alachua, FL 32615.
Contact:
Craig Brashier, AICP
Phone Number:
(352) 331-1976



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VANGUARD HIGH SCHOOL

Male student can wear dress to prom

By Joe Callahan
Staff writer

Vanguard High senior Josh Ramko was excited about attending Saturday night's prom. Early last week he decided to buy a "Hollywood glam" prom dress — black-and-gold with a few sparkles, but not over the top.

Then, last week, he was told by Vanguard administrators he could not wear a dress to prom because it violated the School Board's dress code policy, whereby students are "expected to wear clothing and clothing accessories in keeping with their gender."

At first Ramko, 18, was devastated. Then he got angry and called the ACLU of Florida for help. ACLU staff attorney Daniel Tilley sent a letter to the school district last week, stating that case law is very clear that such a decision violates the student's constitutional rights.

On Thursday, after a few minutes of debate, the School Board agreed that forbidding a male student to wear a dress would be unlawful.

"I am very thankful," said Ramko, a gay man who identifies as gender fluid.

Gender fluid means that some days he dresses

like a man and some days dresses as a woman. Ramko, who prefers to be referred to using male pronouns, said he is still exploring whether he wants to transition into a female.

"I guess it is time for some last-minute shopping," said Ramko, adding that he hopes he can find that Hollywood glamour dress in just a few days.

The board addressed the issue just a few days ahead of Vanguard's prom at the Ocala Hilton. Board members agreed the word "expected" in the dress code definition makes the policy too vague and should be stricken.

"It (dress code) does not say 'shall,' so it is not a violation (for Vanguard High officials to allow Ramko to wear a dress)," board member Nancy Stacy said.

Stacy said that sometimes boys wear women's clothes at school during powder puff football games, during which cheerleaders dress as football players and football players dress as cheerleaders. Therefore, Stacy said, it would not be the first time boys have worn women's clothes on campus.

The board instructed Superintendent of Schools

George Tomy to tell principals they will not violate board policy if they allow students to dress in clothes not generally associated with a student's birth gender.

Board member Kelly King agreed, but insisted that Ramko must abide by the dress code that is required by female students.

"He should not be allowed to go topless," Kelly said. "He must abide by the same rules that all of the girls must follow."

School Board attorney Steven Lake researched the issue and gave board members a two-page letter explaining relevant case law. Lake recommended removing the sentence from the code for the 2017-18 school year, since the deadline has passed for the 2016-17 code.

Lake said the sentence is vague, thus it is "not a hot issue that needs to be removed right away," as long as principals do not require students to wear gender-appropriate clothing.

In Tilley's letter to Tomy on the student's behalf, he wrote: "This policy prohibits students from wearing clothes that do not conform to gender stereotypes. It

thus violates the federal constitutional and statutory rights of students and must be rescinded immediately."

Tilley continued: "Schools cannot rely on sex stereotypes that require, for example, that boys wear tuxedos or suits and that girls wear dresses."

Tilley noted that protections against sex stereotyping "also protect transgender and gender nonconforming students who seek to act and dress in accordance with their gender identity."

The issue comes on the heels of the controversial transgender bathroom ban the School Board imposed last week.

A local parent addressed the board in March, stating that his son's privacy rights had been violated when the district began allowing transgender students to choose their bathroom based on gender identity, not birth sex.

The School Board agreed, despite a warning from the ACLU of Florida that the move was unlawful. The ACLU is poised to sue the School District on behalf of transgender students.

The transgender bathroom issue has jumped to the national forefront

in the courts and in general conversation. A U.S. Court of Appeals decision a few weeks ago stated that it is discriminatory not to allow transgender students the right to choose their bathroom.

The Office for Civil Rights ruled Wednesday that North Carolina's transgender bathroom ban is unconstitutional.

The Liberty Council, however, states that no court has heard the issue as it relates to Fourth Amendment rights to privacy of non-transgender students.

Opponents of the bathroom ban argue that the

sex of a child is biological. The majority of the board believes a designated bathroom should be assigned to transgender students.

ACLU's Tilley warned in a letter a few weeks ago that the ban violates Title IX sex discrimination requirements and the equal protection clause of the U.S. Constitution. The ban could jeopardize federal funding for the school district.

— Joe Callahan can be reached at 867-4113 or at joe.callahan@starbanner.com. Follow him on Twitter @JoeOcalaNews.

FLORIDA DAILY LIFE

Ship shape



Carol Corbin photographs a replica of the Pinta as it travels through St. Andrew Bay in Panama City on Wednesday. ANDREW WARD-LOW/NEWS HERALD VIA AP

CENTRAL FLORIDA

Officer failed to report incident before murder-suicide occurred

By Terrance Harris
The Associated Press

SANFORD — Authorities say a central Florida man who killed his wife, his two young children and then himself last month would have likely been wearing a GPS monitor had an officer properly reported the violation of a protective order nine days before the murder-suicide.

Seminole County Sheriff Donald Eslinger said during a Thursday news conference that a former deputy neglected to fill out a report for an April 8 incident involving Henry Brown and his estranged wife, Chericia Brown.

Deputy Sheriff Chad Tavenner was fired Tuesday for failing to follow proper protocol and then deceiving his superiors

and investigators. Tavenner failed to arrest Henry Brown or even file a police report when Brown tried to ram the vehicle in which his wife was traveling on April 8.

Tavenner "violated our core values of protect and serve," Eslinger said. "He violated public trust, but more harmful to me he violated Mrs. Brown's trust."

Eslinger said that, had proper procedure been followed, it is possible that Brown would have been jailed or under monitoring on April 17, the day he approached his wife at a restaurant parking lot and stabbed her, then ran over her with a car. Henry Brown then retrieved the couple's children, ages 4 and 1, from a baby sitter and drove to the hospital where his wife had been

taken.

He was confronted by police there, fired at officers and fled. Deputies managed to track down and stop Brown on Interstate 4, but they found him and his children dead. Chericia Brown died of her injuries.

Thursday's press conference unveiled a pattern of trouble between the couple that began in November and culminated with the death of Brown and the children on April 18. Eslinger said Brown beat his wife, harassed and intimidated her and attempted to monitor her movements with a GPS device he placed on her car.

After stabbing and running over his wife, Eslinger said, Henry Brown showed up at the hospital in order to kill her, police believe.

"In my 38 years, my entire law enforcement career, I have never seen a man so determined to kill another human being," Eslinger said. "We never in a million years thought he would come to that hospital and do what he did knowing law enforcement was there."

On Thursday, the Seminole County Sheriff's department released all of the official documents, 911 calls and official police footage, which included the shootout at the hospital.

"This has been a very intense and emotional case for all of us. We cannot imagine the grief both families must feel for the loss," Eslinger said. "We also found some things that we could and should have done much better."

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PUBLIC NOTICE

A Neighborhood meeting will be held to discuss the site plan for a proposed 4,000 square foot VyStar Credit Union located at 16181 NW US Highway 441, Alachua, Florida 32615. This is not a public hearing. The purpose of this meeting is to inform neighboring property owners of the nature of the proposal and to seek their comments.

The meeting will be held on Monday, May 16 at 6:00 P.M. at The Swick House, Conference Room #2, located at 15100 NW 142nd Terrace, Alachua, FL 32615.

Contact person: Harry Newkirk (386) 290-7599

BEST WESTERN Gateway Grand
Mother's Day Brunch
May 8, 2016
Serving 10:30am to 2:30pm

Breakfast Selections
Assorted Breakfast Pastry Selection
Applewood Smoked Bacon
Jumbo Sausage Links
Southern Style Cheddar Cheese Grits
Spicy Breakfast Potatoes with Bermuda Onions
Buttermilk Pancakes with Warm Syrup
Fluffy Scrambled Eggs with Chives
Made to Order Omelet Station with Accompaniments

Lunch Selections
Fresh Seasonal Fruit Salad with Berries
Garden Salad with Assorted Toppings and Dressings
Tortellini Pasta Salad
Lemon Brined Buttermilk Fried Chicken
Herb Crusted Prime Rib with Horseradish Sauce and Au Jus
Parmesan Crusted Tilapia
Vegetable Lasagna
4 Cheese Macaroni Gratin
Garlic Whipped Potatoes with Gravy
Roasted Chef's Vegetable Medley
Sautéed Green Beans w/ Bacon
Assorted Breads and Rolls
Assorted Cakes, Canapés, Mini Desserts and Mousses

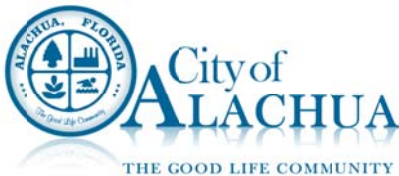
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Chicken Tender with Honey Mustard
Mini Corn Dogs
Macaroni and Cheese
Smiley Fried Potatoes
Mozzarella Sticks with Marinara Sauce

Adults - \$26.95, Senior - \$24.95
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& Grilled Asparagus Salad/Old Florida Style
Pickled Shrimp & Fixins/Fried Grouper &
Cajun Hushpuppies
Florida Gator Sausage & Crawfish
Jambalaya/Rosemary & Garlic Grilled
Lamb Racks over Herb Cheese Mashed
Garlic Potatoes/ House Smoked Black Jack
Scottish Salmon/Fresh Florida Select Raw
Oysters/Herb Citrus Boiled Florida Shrimp/
Cajun Shrimp & Snapper Étouffée w/Grilled
Veggies/Smoked Tuna Pasta & Arugula
Salad/Chemical Free Fried Shrimp/ Won Ton
Shrimp W/Cilantro Sauce/Lobster & Blue Crab
Organic Corn Chowder/Fresh Herb Vinaigrette
Marinated Heart of Palm Salad/ Seven Layer
Salad w/Applewood Smoked Bacon/Roasted
Center Cut Pork Loin Stuffed & Seared
w/Merlot Reduction/Ginger Poached Chicken
w/Ponzu Wasabi Sauce
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Arugula & Water Chestnuts

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THE SWICK HOUSE

APPLICATION/ROOM

RENTAL AGREEMENT

15010 NW 142ND TER.
ALACHUA, FL 32615

APPLICANT INFORMATION:

Person/Organization: Newkirk Engineering, Inc. Date: 8-8-2016

Authorized Representative (Name): Harry Newkirk, PE

Address: 1370 N US Highway 1, Suite 204 Ormond Beach, FL 32174
City State Zip

Phone: 386-290-7599 Cell Phone: 386-290-7599 Email: harry@newkirk-engineering.com

Is Applicant a Not-For-Profit? ☐ Yes ☒ No If Yes, IRC 501(c)() Tax #: _____

Contact person on site or available by phone on day of event: Harry Newkirk (386) 290-7599

EVENT INFORMATION:

Type of Event:

- | | | |
|---|---|--|
| <input type="checkbox"/> Business Meeting | <input type="checkbox"/> BBQ | <input type="checkbox"/> Educational/Seminar |
| <input type="checkbox"/> Wedding | <input type="checkbox"/> Spiritual Retreat | <input type="checkbox"/> Team Building |
| <input type="checkbox"/> Reception | <input type="checkbox"/> Gathering (birthday, reunions, etc.) | <input checked="" type="checkbox"/> Other: <u>Neighborhood Meeting</u> |

Facility Requested:

- | | |
|--|--|
| <input type="checkbox"/> Swick House Complete Facility | <input type="checkbox"/> Auditorium |
| <input type="checkbox"/> Conference Room #1 | <input checked="" type="checkbox"/> Conference Room #2 |
| <input type="checkbox"/> Cypress Room | <input type="checkbox"/> Kitchen |

Event Description: Neighborhood meeting for the VyStar Credit Union Project. This is required by the City before a site plan is submitted.

Event Dates: August 24 to _____ Event Hours: 5:00 PM a.m./p.m. to 9:00 PM a.m./p.m.

Approximate Attendance: 20 Requested: 60in Round Tables _____

Buffet Tables _____ Seminar Tables _____ Chairs _____

Will food be served at the event? ☐ Yes ☒ No

Extra Duty Police Services Requested? ☐ Yes ☒ No If Yes, you must contact Alachua Police Department and complete "Sponsor Application for Extra Duty Officer Detail"

RENTAL INFORMATION:

Facility Use	Daily*	4 Hours*
Application Fee (Non Refundable)	\$25.00	\$25.00
Security Deposit	Half Daily Rental Rate	Half 4-Hr. Rental Rate
Swick House Complete Facility (3 Meeting Rooms, Kitchen and Patio)	\$1,000.00	N/A
Swick House Auditorium	\$600.00	\$400.00
Swick House Meeting Room #1	\$300.00	\$150.00
Swick House Meeting Room #2	\$300.00	\$150.00
Swick House (Cypress Room)	\$300.00	\$150.00
Swick House Kitchen	\$100.00	\$50.00
*Definitions:		
All Day - 8 a.m. – 9 p.m. Operating Schedule – Sunday through Saturday 8 a.m. – 9 p.m. (including Holidays)		
Discount - A discount of 20 percent of daily rental fee, beginning with the second day of any contract for consecutive rental days, shall apply (day one at 100%, consecutive day two forward at 80% of daily fee).		
Security Deposit – In addition to rental fees for facilities, the applicant to provide a Security Deposit in the amount equal to half of a daily rental fee. The deposit is to cover any replacement, repairs, damages or loss suffered by the City to and including extra ordinary cleaning. The applicant is required to pay the full cost of materials labor, replacement, repairs and damages (over and above the deposited funds) regardless of the amount. If damages occur and are less than the deposited amount, the difference will be refunded. Staff will determine proper cleanup. In the event that the City has to terminate an activity for security or non-compliance with state or federal law or City ordinances or policies prior to the scheduled time of conclusion, the City will retain all fees and any reasonable part of the Security Deposit.		
Payment with Application - The application fee, rental fee and security deposit shall be due upon completion and submission of Application. Security Deposit is refunded in whole or part as applicable, in approximately ten (10) to fourteen (14) business days after the event.		
Notice of Cancellation – Notice of cancellation by City will be given as far in advance as possible and a full refund of all fees and security deposit including Application Fee will be issued. If applicant cancels, notice must be given to the City at least 30 days prior to event date and rental fees, but not the application fee, will be refunded. If applicant cancels and notice is not given 30 days prior to the event, the City will retain all rental fees, or the prorated portion thereof, unless the facility is rented to another applicant for the same time period at the same charge. The application fee is not refundable.		
City Right- The City, by and through the City Manager or designee, retains the right to waive fees or alter hours, terms and conditions of rentals as set forth on this schedule.		

PAYMENT INFORMATION AND SUMMARY

Submit completed Application and **\$25.00 Application Charge** to the City of Alachua, P.O. Box 9, Alachua, FL 32616. You will be contacted by the City of Alachua regarding application approval, at which time, if approved, you will be required to remit all rental fees and deposits payable to City of Alachua.

Payments made less than fourteen (14) business days prior to an event must be paid by cash, money order or cashier's check. If by cash, hand deliver to City Hall 15100 NW 142nd Ter.

Application Fee: \$ 25.00

Deposit: \$ 75.00

Facility Rental Fees: \$ 150.00

Facility: _____ **No. of Hours** _____

Total Amount Due: \$ 250.00

APPLICANT ACKNOWLEDGEMENTS

1. Applicant acknowledges receipt of applicable Facility Rental Regulations and agrees to comply with them.
2. Completion and submission of this Application does not guarantee approval. The City of Alachua will notify Organization regarding approval within fourteen (14) business days after receipt of Application.
3. Applicant shall not use said premises for illegal purposes nor deviate from the Facility Rental Regulations.
4. The City shall have the right to access the premises at any time during the event.
5. The applicant may be required to contract additional security provided by the City of Alachua's Extra Duty Officer Detail services. If required, the applicant shall meet this requirement prior to approval of Application.

The undersigned hereby makes application to the City of Alachua for use of the rental facility described herein and certifies that the information given in this Application is correct and complete. The undersigned further states that he/she agrees to observe the laws/rules and policies/procedures set forth in the Facility Rental Regulations and by the City of Alachua and the State of Florida. The applicant agrees to reimburse the City for any costs incurred by the City in repairing damage to City property. Moreover, the applicant shall defend, indemnify and hold harmless the City of Alachua, its elected officials, appointed officers, employees and agents from and against any and all claims, suits, actions or liabilities for injury or death of any person, or for loss or damage to property, which arises out of the use of City premises or from any activity, work or thing done, permitted or suffered by the applicant, its agents, employees, members or invitees in or about the premises.

Signature of Authorized Representative

Date

For City Use:

Deposit Received \$ _____ Date _____

Rental Received \$ _____ Date _____

Pmt. Method: Cash _____ Check# _____

Deposit Returned Date: _____

Amount: _____ **Check#:** _____

Approved ☐ Yes ☐ No **Date:** _____

Signature of City Manager



City of Alachua Lot Split Application

FOR OFFICE USE ONLY

Filing Date: _____
Acceptance Date: _____
Signature of Approval: _____

Reference City of Alachua Land Development Regulations Article 2.4.10(B)(3)

All interested parties must discuss exemption criteria with the Planning & Community Development Department prior to submittal of this application.

A. PROJECT

1. Project Name: VyStar Credit Union
2. Address of Subject Property: 16181 NW US Highway 441
3. Parcel ID Number(s): 03053-001-004
4. Future Land Use Map Designation: Commercial
5. Zoning Designation: CI
6. Acreage: 2.04
7. Existing Use of Property: Vacant Lot

B. APPLICANT

1. Applicant's Status ☒ Owner (title holder) ☐ Agent
2. Name of Applicant(s) or Contact Person(s): Brian Kitchens Title: VP - Purchasing & Facilities
Company (if applicable): VyStar Credit Union
Mailing address: 4949 Blanding Boulevard
City: Jacksonville State: Florida ZIP: 32210
Telephone: () 904-228-3602 Fax: () Email: kitchensb@vystarcu.org
3. If the applicant is agent for the property owner*:
Name of Owner (title holder): _____
Mailing Address: _____
City: _____ State: _____ ZIP: _____

* Must provide executed Property Owner Affidavit authorizing the agent to act on behalf of the property owner.

C. ADDITIONAL INFORMATION

1. Is there any additional contact for sale of, or options to purchase, the subject property? ☐ Yes ☒ No
If yes, list names of all parties involved: _____
If yes, is the contract/option contingent or absolute? ☐ Contingent ☐ Absolute

D. ATTACHMENTS

1. Materials to support that the proposed action is consistent with the Comprehensive Plan and Land Development Regulations.
2. An aerial map of the subject property, indicating its location and showing the surrounding vicinity.
3. Legal description with tax parcel number.
4. Land Description of Lot 1 and Lot 2 to be created. Description must be either a survey or scaled drawing, and must depict the location of all recorded easements, the area (in square feet) and dimensions of each lot/tract to be created.
5. Legal description for Lot 1 and Lot 2 to be created.
6. Proof of ownership.
7. Copy of warranty deed to show current ownership.
8. Proof of payment of taxes.

City of Alachua ♦ Planning and Community Development Department
PO Box 9 ♦ Alachua, FL 32616 ♦ (386) 418-6121

Revised 9/17/2010

All 8 attachments are required for a complete application. A review of the application will be conducted within 5 business days of receipt. If the application is determined to be incomplete, the application and fee will be returned to the applicant.

I/We certify and acknowledge that the information contained herein is true and correct to the best of my/our knowledge. I/We understand that no further division of the land included as part of this application will be permitted under this section. If further divisions are desired, a subdivision must be prepared and submitted in accordance with Section 2.4.10 of the City of Alachua Land Development Regulations.

Signature of Applicant

Signature of Co-applicant

Brian Kitchens, VP Purchasing & Facilities

Typed or printed name and title of applicant

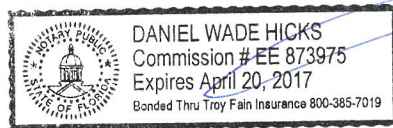
Typed or printed name of co-applicant

State of Florida County of Duval

The foregoing application is acknowledged before me this 7 day of September, 2016, by Brian Kitchens

_____, who is/are personally known to me, or who has/have produced FDL
as identification.

NOTARY SEAL



Signature of Notary Public, State of Florida

Office Use Only:

Review Date: _____

FLUM: _____ Zoning District: _____

Tax Parcel Number: _____

Setbacks: F _____ R _____ SR _____ SL _____ Flood Zone: _____ BFE _____ FFE _____

Would the proposed action create any flag lot(s): ☐ Yes ☐ No

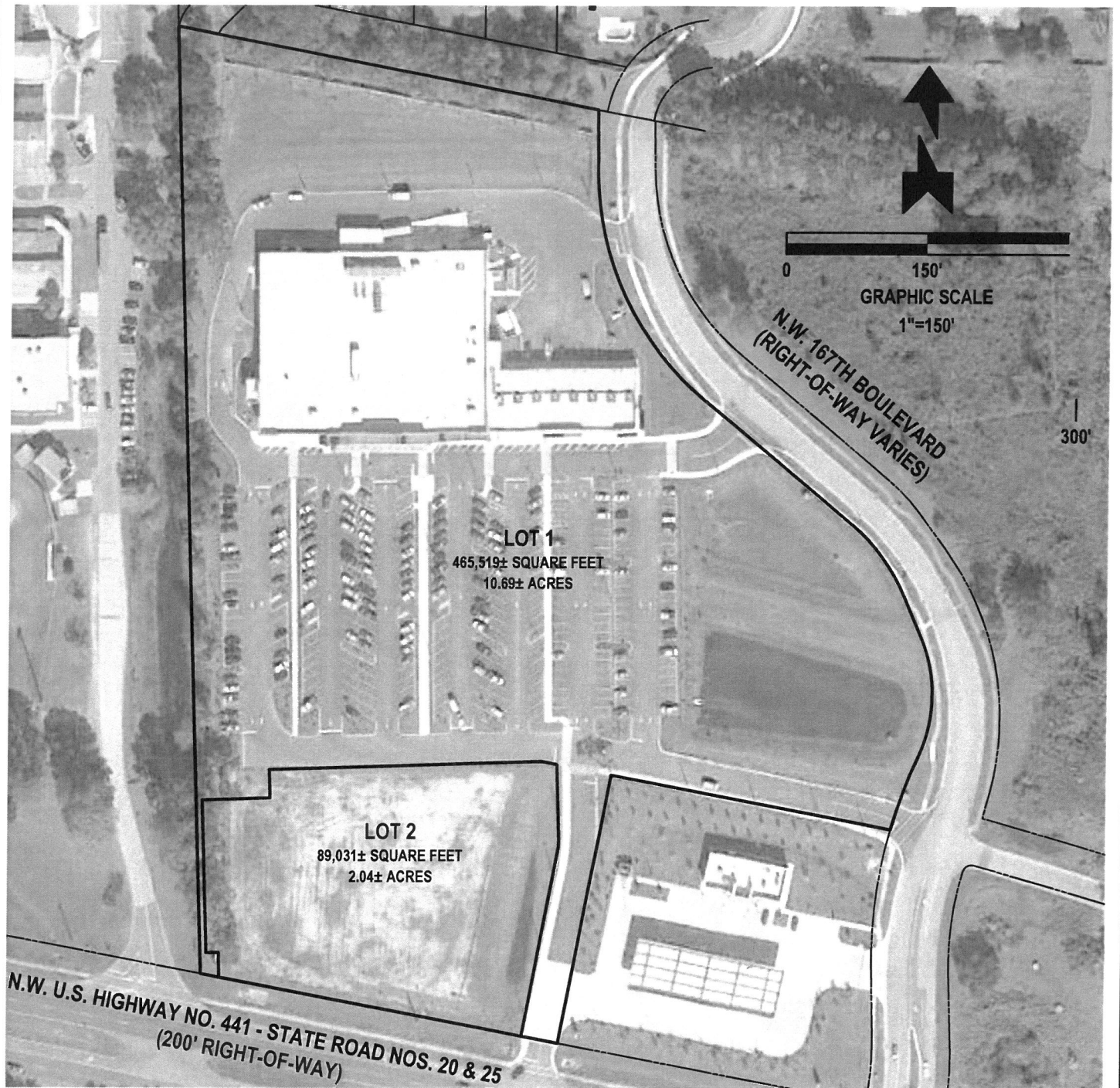
Proposed Lot(s) meet dimensional criteria: ☐ Yes ☐ No

Public Services Utility Locations Map Attached: ☐ Yes ☐ No

Located in Wellfield Protection Zone: ☐ Yes ☐ No

Comments/Conditions of Approval: _____

Sign and fill in the box located at the top right corner of page one (1).



AERIAL PHOTO EXHIBIT

SCALE: 1" = 150'

PROJECT NAME: VYSTAR - ALACHUA

PROJECT LOCATION: 16181 NW US HIGHWAY 441, ALACHUA FL 32615



**NEWKIRK
ENGINEERING**

CIVIL ENGINEERS PLANNERS CEI LANDSCAPE ARCHITECTS
3701 North US 1, Suite 204, Ormond Beach, Florida 32174
(386) 290-7599 Newkirk-Engineering.com

PROJECT No:
2015-05

DATE:
08/24/16

DRAWN BY:

DAB

CHECKED BY:

HHN

DRAWING No.

1 OF 1

N.W. CORNER OF SECTION
9-8-18

-N.W. CORNER OF
O.R. 503, PAGE 107

HERITAGE OAKS PHASE I
PLAT BOOK 24, PAGES 79-82
S 78°54'18" E 452.18'

N.W. 167TH BOULEVARD
(RIGHT-OF-WAY VARIES)

465,519± SQUARE FEET
10.69± ACRES

TAX PARCEL No. 03053-001-004
ALACHUA-WINDCREST, LLC
OR 4321, PAGE 2147

TAX PARCEL No. 03052-000-000
SCHOOL BOARD OF ALACHUA COUNTY
DEED BOOK 330, PAGE 240

N 01°49'13" W 999.27

WEST LINE OF O.R. 503, PAGE 107

LOT 2

89,031± SQUARE FEET
2.04± ACRES

TAX PARCEL No. 03053-001-006
VYSTAR CREDIT UNION
OR 4417, PAGE 2377

TAX PARCEL No. 03053-001-003
O.R. 4243, PAGE 1710
RACETRAC PETROLEUM, INC.

OR 4417, PAGE 23/7

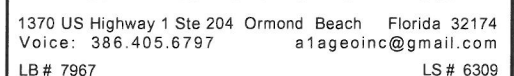
NORTHERLY RIGHT-OF-WAY LINE

N.W. U.S. HIGHWAY NO. 441 - STATE ROAD NOS. 20 & 25
(200' RIGHT-OF-WAY)

SHEET 1 OF 4

OWB: DAB
DATE: 08/23/2016
MAP SUBJECT:
VYSTAR
CREDIT UNION
LOT SPLIT
SCALE: 1"=150'

SKETCH AND LEGAL



LEGAL DESCRIPTION: LOT 1

A PORTION OF SECTION 9, TOWNSHIP 8 SOUTH, RANGE 18 EAST, ALACHUA COUNTY, FLORIDA; BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHWEST CORNER OF SECTION 9, TOWNSHIP 8 SOUTH, RANGE 18 EAST, ALACHUA COUNTY, FLORIDA, AND RUN THENCE SOUTH 01°49'00" EAST, ALONG THE WEST BOUNDARY OF SAID SECTION, 1576.08 FEET; THENCE NORTH 88°33'13" EAST, 1300.20 FEET TO THE NORTHWEST CORNER OF THAT CERTAIN TRACT OF LAND AS DESCRIBED IN OFFICIAL RECORDS BOOK 503, PAGE 107, OF THE PUBLIC RECORDS OF ALACHUA COUNTY, FLORIDA; THENCE SOUTH 01°49'00" EAST, ALONG THE WEST LINE OF SAID CERTAIN TRACT OF LAND, 1348.17 FEET FOR THE POINT OF BEGINNING; RUN THENCE, DEPARTING SAID WEST LINE, SOUTH 78°54'18" WEST FOR A DISTANCE OF 452.18 FEET TO A POINT ON THE WESTERLY RIGHT-OF-WAY LINE OF NW 167TH BOULEVARD (A RIGHT-OF-WAY THAT VARIES); THENCE ALONG SAID WESTERLY RIGHT-OF-WAY LINE, SOUTH 00°48'21" EAST FOR A DISTANCE OF 65.56 FEET TO A POINT OF CURVE CONCAVE NORTHEASTERLY AND TO THE LEFT, SAID CURVE HAVING A CENTRAL ANGLE OF 49°25'53", A RADIUS OF 320.00 FEET, A CHORD BEARING OF SOUTH 25°31'17" EAST AND A CHORD DISTANCE OF 267.59 FEET; THENCE ALONG THE ARC OF SAID CURVE FOR A DISTANCE OF 276.08 FEET; THENCE SOUTH 50°14'15" EAST FOR A DISTANCE OF 203.09 FEET TO A POINT OF CURVE, CONCAVE SOUTHWESTERLY AND TO THE RIGHT, SAID CURVE HAVING A CENTRAL ANGLE OF 27°09'40", A RADIUS OF 200.00 FEET, A CHORD BEARING OF SOUTH 36°39'25" EAST AND A CHORD DISTANCE OF 93.92 FEET; THENCE ALONG THE ARC OF SAID CURVE FOR A DISTANCE OF 94.81 FEET; THENCE SOUTH 23°04'34" EAST FOR A DISTANCE OF 49.38 FEET TO A POINT OF CURVE, CONCAVE SOUTHWESTERLY AND TO THE RIGHT, SAID CURVE HAVING A CENTRAL ANGLE OF 48°30'51", A RADIUS OF 150.00 FEET, A CHORD BEARING OF SOUTH 01°10'52" WEST AND A CHORD DISTANCE OF 123.25 FEET; THENCE ALONG THE ARC OF SAID CURVE FOR A DISTANCE OF 127.01 FEET TO A POINT OF REVERSE CURVE, CONCAVE SOUTHEASTERLY AND TO THE LEFT, SAID CURVE HAVING A CENTRAL ANGLE OF 09°30'48", A RADIUS OF 500.00 FEET, A CHORD BEARING OF SOUTH 20°38'55" WEST AND A CHORD DISTANCE OF 82.92 FEET; THENCE ALONG THE ARC OF SAID CURVE FOR A DISTANCE OF 83.02 FEET; THENCE DEPARTING THE AFORESAID WESTERLY RIGHT-OF-WAY LINE OF NW 167TH BOULEVARD, NORTH 79°08'02" WEST FOR A DISTANCE OF 301.10 FEET; THENCE SOUTH 10°53'50" WEST FOR A DISTANCE OF 287.85 FEET TO A POINT ON THE NORTHERLY RIGHT-OF-WAY LINE OF U.S. HIGHWAY NO. 441 (STATE ROAD NOS. 20 & 25, 200' R/W); THENCE ALONG SAID NORTHERLY RIGHT-OF-WAY LINE, NORTH 79°06'59" WEST FOR A DISTANCE OF 40.02 FEET; THENCE DEPARTING SAID NORTHERLY RIGHT-OF-WAY LINE, NORTH 10°53'01" EAST FOR A DISTANCE OF 205.01 FEET; THENCE NORTH 01°49'00" WEST FOR A DISTANCE OF 84.96 FEET; THENCE NORTH 79°05'57" WEST FOR A DISTANCE OF 16.28 FEET; THENCE SOUTH 88°11'00" WEST FOR A DISTANCE OF 287.55 FEET; THENCE SOUTH 01°49'00" EAST FOR A DISTANCE OF 30.00 FEET; THENCE SOUTH 88°11'00" WEST FOR A DISTANCE OF 71.78 FEET; THENCE SOUTH 01°49'00" EAST FOR A DISTANCE OF 161.11 FEET; THENCE NORTH 88°11'00" EAST FOR A DISTANCE OF 13.28 FEET; THENCE SOUTH 01°49'00" EAST FOR A DISTANCE OF 26.23 FEET RETURNING TO THE AFORESAID NORTHERLY RIGHT OF WAY LINE OF U.S. HIGHWAY NO. 441; THENCE ALONG SAID NORTHERLY RIGHT-OF-WAY LINE NORTH 79°06'59" WEST FOR A DISTANCE OF 19.99 FEET TO THE INTERSECTION WITH THE WEST LINE OF THAT CERTAIN TRACT OF LAND AS DESCRIBED IN OFFICIAL RECORDS BOOK 503, PAGE 107, OF THE PUBLIC RECORDS OF ALACHUA COUNTY, FLORIDA; THENCE ALONG SAID WEST LINE, NORTH 01°49'13" WEST FOR A DISTANCE IF 999.27 FEET TO THE POINT OF BEGINNING.

THE ABOVE DESCRIBED PARCEL CONTAINS 465,519 SQUARE FEET OR 10.69 ACRES MORE OR LESS.

GENERAL NOTES AND SURVEY REPORT:


1. BEARINGS AS SHOWN HEREON WERE PROJECTED FROM A BEARING OF S 01°49'00"E ON THE WEST BOUNDARY OF SECTION 9, TOWNSHIP 8 SOUTH, RANGE 18 EAST.
2. LEGAL DESCRIPTION NEW PER A1A GEO, INC.

ABBREVIATIONS / LEGEND:

SEE SHEET 4 OF 4

**THIS IS NOT A SURVEY
SHEET 2 OF 4**

THE FOREGOING PLAT IS CERTIFIED TO MEET THE MINIMUM TECHNICAL STANDARDS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS AS PER CHAPTER 5J17-6, FLORIDA ADMINISTRATIVE CODE, AS PURSUANT TO SECTION 472.027, FLORIDA STATUTES.


08/23/2016
ANTHONY SANZONE
NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

OWB: DAB
DATE:
08/23/2016

MAP SUBJECT:
VYSTAR
CREDIT UNION
LOT SPLIT

SCALE:
N/A

TYPE OF SURVEY:

**SKETCH AND
LEGAL**

 **A1A GEO**
LAND SURVEYING CONSTRUCTION LAYOUT

1370 US Highway 1 Ste 204 Ormond Beach Florida 32174
Voice: 386.405.6797 a1ageoinc@gmail.com
LB # 7967 LS # 6309

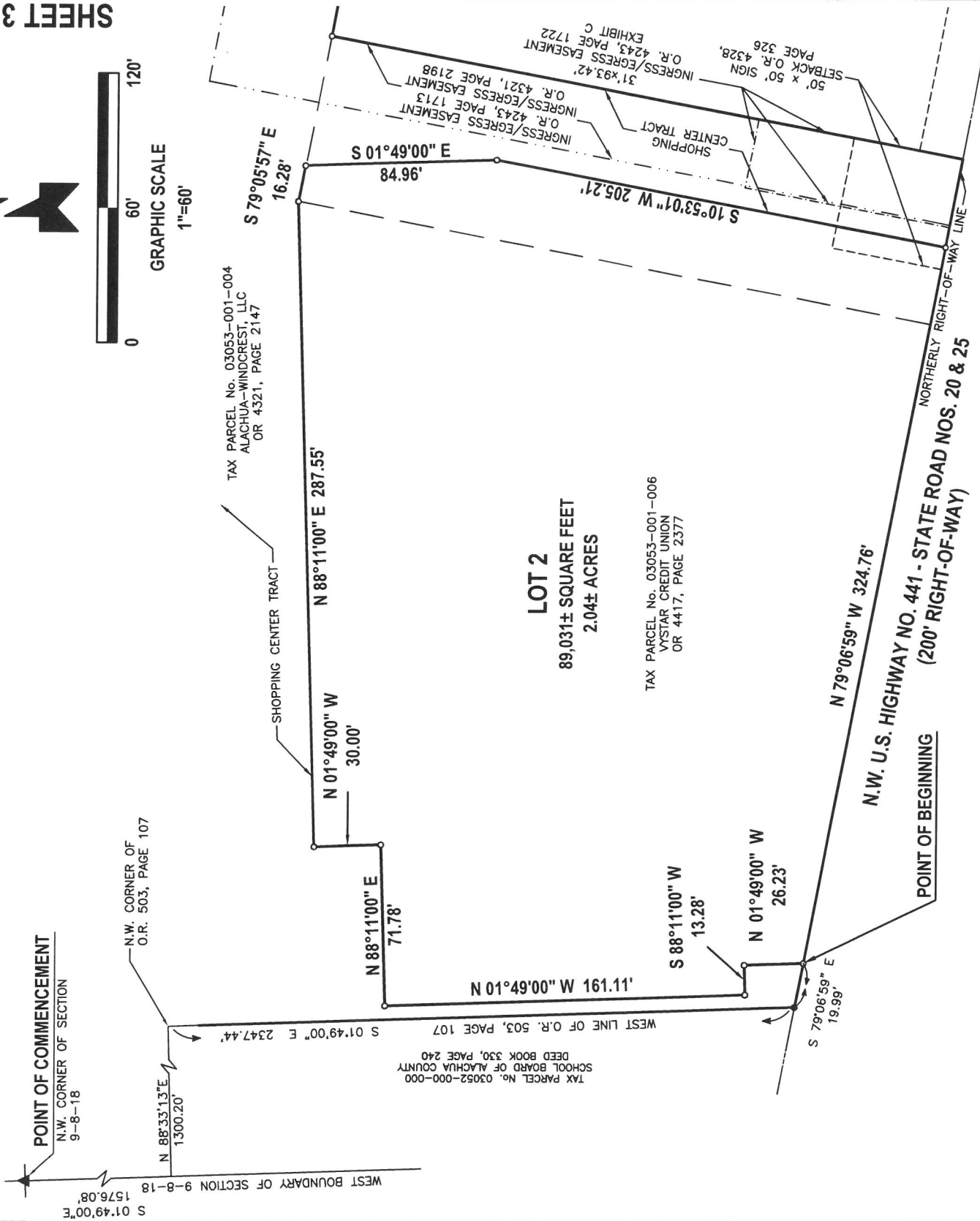
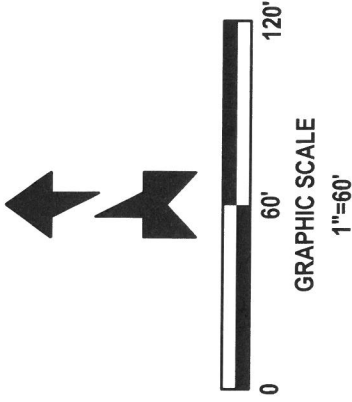
**THIS IS NOT A SURVEY
SHEET 3 OF 4
SEE SHEET 4 OF 4 FOR
SURVEYOR'S SIGNATURE**

OWB: DAB
DATE: 08/23/2016
MAP SUBJECT: VYSTAR CREDIT UNION
LOT SPLIT
SCALE: 1"=60'

SKETCH AND
LEGAL

AIA GEO
LAND SURVEYING CONSTRUCTION LAYOUT
1370 US Highway 1 Ste 204 Ormond Beach Florida 32174
Voice: 386.405.6797
a1ageo@ic@gmail.com
LB # 7967
LS # 6309

SHEET 3 OF 4



LEGAL DESCRIPTION: LOT 2

A PORTION OF SECTION 9, TOWNSHIP 8 SOUTH, RANGE 18 EAST, ALACHUA COUNTY, FLORIDA; BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHWEST CORNER OF SECTION 9, TOWNSHIP 8 SOUTH, RANGE 18 EAST, ALACHUA COUNTY, FLORIDA, AND RUN THENCE SOUTH 01°49'00" EAST, ALONG THE WEST BOUNDARY OF SAID SECTION, 1576.08 FEET; THENCE NORTH 88°33'13" EAST, 1300.20 FEET TO THE NORTHWEST CORNER OF THAT CERTAIN TRACT OF LAND AS DESCRIBED IN OFFICIAL RECORDS BOOK 503, PAGE 107, OF THE PUBLIC RECORDS OF ALACHUA COUNTY, FLORIDA; THENCE SOUTH 01°49'00" EAST, ALONG THE WEST LINE OF SAID CERTAIN TRACT OF LAND, 2347.44 FEET TO A POINT ON THE NORTHERLY RIGHT-OF-WAY LINE OF U.S. HIGHWAY NO. 441 (STATE ROAD NOS. 20 & 25, 200' R/W); THENCE SOUTH 79°06'59" EAST, ALONG SAID RIGHT-OF-WAY LINE, 19.99 FEET TO THE POINT OF BEGINNING; THENCE NORTH 01°49'00" WEST, PARALLEL WITH SAID WEST LINE, 26.23 FEET; THENCE SOUTH 88°11'00" WEST, 13.28 FEET; THENCE NORTH 01°49'00" WEST, PARALLEL WITH SAID WEST LINE, 161.11 FEET; THENCE NORTH 88°11'00" EAST, 71.78 FEET; THENCE NORTH 01°49'00" WEST, PARALLEL WITH SAID WEST LINE, 30.00 FEET; THENCE NORTH 88°11'00" EAST, 287.55 FEET; THENCE SOUTH 79°05'57" EAST, 16.28 FEET; THENCE SOUTH 01°49'00" EAST, PARALLEL WITH SAID WEST LINE, 84.96 FEET TO A POINT LYING 40.00 FEET WESTERLY OF (MEASURED PERPENDICULAR) THE WEST LINE OF THAT CERTAIN PARCEL OF LAND DESCRIBED IN OFFICIAL RECORDS BOOK 4243, PAGE 1710, OF SAID PUBLIC RECORDS; THENCE SOUTH 10°53'01" WEST, PARALLEL WITH AND 40.00 FEET WESTERLY OF (MEASURED PERPENDICULAR) THE WEST LINE OF SAID CERTAIN PARCEL OF LAND, A DISTANCE OF 205.21 FEET TO A POINT ON SAID NORTHERLY RIGHT-OF-WAY LINE; THENCE NORTH 79°06'59" WEST, ALONG SAID NORTHERLY RIGHT-OF-WAY LINE, 324.76 FEET TO THE POINT OF BEGINNING.

THE ABOVE DESCRIBED PARCEL CONTAINS 89,031 SQUARE FEET OR 2.04 ACRES MORE OR LESS.

GENERAL NOTES AND SURVEY REPORT:

1. BEARINGS AS SHOWN HEREON WERE PROJECTED FROM A BEARING OF S 01°49'00"E ON THE WEST BOUNDARY OF SECTION 9, TOWNSHIP 8 SOUTH, RANGE 18 EAST.
2. LEGAL DESCRIPTION NEW PER A1A GEO, INC.

ABBREVIATIONS / LEGEND:

C	CURVE	LS	LICENSED SURVEYOR
CH	CH	M	MEASURED
CH BRG	CHORD BEARING	N/A	NOT APPLICABLE AND/OR NOT AVAILABLE
FL	FLORIDA	NAVD	NORTH AMERICAN VERTICAL DATUM
L	LENGTH	NGVD	NATIONAL GEODETIC VERTICAL DATUM
LB	LICENSED BUSINESS	NO	NUMBER
LC	LICENSED CORPORATION	PRC	POINT OF REVERSE CURVE
LLC	LIMITED LIABILITY COMPANY	R	RADIUS
		R/W	RIGHT-OF-WAY

**THIS IS NOT A SURVEY
SHEET 4 OF 4**

THE FOREGOING PLAT IS CERTIFIED TO MEET THE MINIMUM TECHNICAL STANDARDS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS AS PER CHAPTER 5J17-6, FLORIDA ADMINISTRATIVE CODE, AS PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

A Sanzone

08/23/2016

ANTHONY SANZONE

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

OWB: DAB
DATE:
08/23/2016

MAP SUBJECT:
VYSTAR
CREDIT UNION
LOT SPLIT

SCALE:
N/A

TYPE OF SURVEY:

SKETCH AND
LEGAL

A1A GEO
LAND SURVEYING CONSTRUCTION LAYOUT

1370 US Highway 1 Ste 204 Ormond Beach Florida 32174
Voice: 386.405.6797 a1ageoinc@gmail.com
LB # 7967 LS # 6309



City of Alachua

TRACI L. GRESHAM
CITY MANAGER

PLANNING & COMMUNITY DEVELOPMENT
DIRECTOR KATHY WINBURN, AICP

July 13, 2016

Harry Newkirk, P.E.
President
Newkirk Engineering, Inc
1370 North US 1
Suite 204
Ormond Beach, FL 32714

Also submitted electronically to kitchensb@vystar.org & harry@newkirk-engineering.com.

RE: Completeness Review for Vystar Credit Union Site Plan

Dear Mr. Kitchens:

On July 6, 2016 the City of Alachua received your application for the approval of a Site Plan for the development located at 16181 NW US Highway 441 (Tax Parcel 03053-001-004), consisting of a $\pm 4,000$ square foot financial institution and all associated drainage, paving, grading, and utility infrastructure improvements.

According to Section 2.2.6 of the Land Development Regulations (LDRs), upon receipt of an application, a completeness review shall be conducted to determine that the application contains all the necessary information and materials, is in proper form and of sufficient detail, and is accompanied by the appropriate fee. The Planning Department has reviewed the aforementioned application for completeness and finds that the following information is needed.

The comments below are based solely on a preliminary review of your application for completeness. Detailed comments will be provided at the Development Review Team (DRT) Meeting. A DRT Meeting will be scheduled upon satisfaction of the application's completeness review deficiencies, as indicated below.

Please address the following:

1. **Required Attachment D.1.e:** Statement of Proposed Uses ("Project Statement") implies that there will be four ingress/egress points to the site: one from US HWY 441, two through the eastern property line, and one through the northern property line. However, the site plan only shows three ingress/egress points.

Action Needed to Address Deficiency: Please clarify access points in the statement of uses.

2. **Required Attachment D.1.f:** Adjacent property owners shown on plan indicate that the School Board of Alachua County (SBAC) is an adjacent property owner. However, in the survey provided it appears that the proposed lot split would leave a small strip of land between the SBAC property and the subject property considered by this site plan application.
Action Needed to Address Deficiency: Please clarify adjacent property owner to the west of the subject property.
3. **Required Attachment D.1.i:** Existing sidewalk, curbing, and paved areas are not clearly delineated on the plans.
Action Needed to Address Deficiency: Please identify existing sidewalk, curbing, and paved areas to distinguish from proposed sidewalk, curbing, and paved areas.
4. **Required Attachment D.1.k:** Proposed number of parking spaces (30) exceeds maximum permitted (125% of required).
Action Needed to Address Deficiency: Please reference the attached letter from the City Manager dated February 24, 2016 addressed to Mr. Kitchens that pertains to this matter. Please provide justification that demonstrates the proposed use would not be economically feasible without an adjustment to the maximum number of parking spaces permitted.
5. **Required Attachment D.1.k:** Demonstrate vehicle stacking requirements for drive through facilities as outlined in Section 6.1.8, City of Alachua Land Development Regulations.
Action Needed to Address Deficiency: Please show, on the plans, adequate area exists to satisfy vehicle stacking requirements.
6. **Required Attachment D.1.k:** Required loading area not depicted on site plan. Please see Section 6.1.5 of the City of Alachua Land Development Regulations for loading area requirements.
Action Needed to Address Deficiency: Identify loading area on site plan.
7. **Required Attachment D.1.n:** Setback from centerline of US Highway 441 right-of-way not shown on plan.
Action Needed to Address Deficiency: Please include building setback from centerline of US Highway 441 right-of-way.
8. **Required Attachment D.1.l:** Site plan indicates presence of “handrail” around the eastern basic (DA-3). Please reference Section 6.3.5, City of Alachua Land Development Regulations for requirements pertaining to fencing.
Action Needed to Address Deficiency: Please ensure proposed “handrail” will meet the fencing standards, specifically required materials standard (6.3.5 (A)).
9. **Required Attachment D.1.o:** Waste receptacle screening detail not provided.
Action Needed to Address Deficiency: Please provide detail showing the screening of the waste receptacle proposed.

10. **Required Attachment D.1.p:** The required glazing and material calculations for all facades have not been provided.
Action Needed to Address Deficiency: Please update architectural elevations with glazing, material, and total area calculations for all facades.
11. **Required Attachment D.11:** Environmental Resource Permit (ERP) from Suwannee River Water Management District (SRWMD) or evidence of submission is required.
Action Needed to Address Deficiency: Please provide ERP from SRWMD or evidence of submission.
12. **Required Attachment D.3:** Fire flow calculations not submitted with application.
Action Needed to Address Deficiency: Please provide calculations showing the required fire flow for the structure and evidence from the water purveyor (City of Alachua Public Services) that this flow can be provided. Please contact City of Alachua Public Services to coordinate. They can be reached at 386-418-6140.
13. **Required Attachment D.4:** Concurrency analysis does not provide enough information to show that the proposed project will not negatively impact the City's level of service standards for public facilities.
Action Needed to Address Deficiency: Please provide an analysis of the project's proposed impacts to the City's public facilities that references available and reserved capacities. Please contact Planning and Community Development staff to obtain the latest data found in a report entitled 'July 2016 Development Monitoring Report'. Additionally, please provide data sources for average flow calculations for water and wastewater.
14. **Required Attachment D.5:** Analysis of consistency with the City of Alachua Comprehensive Plan must cite specific goals, objectives, and policies.
Action Needed to Address Deficiency: Please provide an analysis of the project's consistency with the City of Alachua Comprehensive Plan that cites specific goals, objectives, and policies. The City of Alachua Comprehensive Plan can be found on the City's website at the following address: <http://www.cityofalachua.com/index.php/business-in-alachua/planning-and-zoning/53-city-departments/planning-a-community-development/506-comprehensive-plan>
15. **Required Attachment D.6:** Mailing labels for property owners within 400' of the subject property boundaries and organizations and persons registered to receive public notices are required. Please find the list of these organizations and persons at the following location on the City's website: <http://www.cityofalachua.com/images/stories/Public Notice Mailing List 2016 01 14.xls>.
Action Needed to Address Deficiency: Submit mailing labels for property owners within 400' of the subject property boundaries and organizations and persons registered to receive public notices.

16. **Required Attachment D.7:** Copy of mailing labels provided appear to only include those sent to property owners within 400' of the subject property boundaries, but not those sent to organizations and persons registered to receive public notices.

Action Needed to Address Deficiency: Please submit a copy of mailing labels to those organizations and persons registered to receive public notices.

17. **Required Attachment D.10:** Proof of payment of taxes is required.

Action Needed to Address Deficiency: Submit proof of payment of taxes on subject property.

18. **Required Attachment D.11:** Environmental Resource Permit (ERP) from Suwannee River Water Management District (SRWMD) or evidence of submission is required.

Action Needed to Address Deficiency: Please provide ERP from SRWMD or evidence of submission.

19. **Required Attachment D.13:** If a connection to US Highway 441 is proposed, a copy of the permit or permit application from FDOT is required.

Action Needed to Address Deficiency: If a connection to US Highway 441 is proposed, please provide a copy of the permit or permit application from FDOT.

20. **Additional/General Comments:** Please address the following issues:

- a. Site Photometric Plan: Maximum footcandles permitted by Section 6.4.4 (C) appear to be exceeded.
- b. Site Photometric Plan: Ratio of maximum to minimum lighting exceeds 10:1 maximum uniformity ratio permitted by Section 6.4.4 (E).
- c. Site Photometric Plan: Cannot determine light levels at property boundaries.
- d. If exterior wall mounted lighting is proposed, details (or a cutsheet) for such lighting are required to be included with the application.
- e. Provide details (or a cutsheet) for all proposed pole-mounted lighting.
- f. Signs are not permitted through the site plan application process and should be so noted on the site plan.
- g. In order to subdivide the subject property from the parent tract, a lot split application is required to be submitted. This is reviewed concurrently with the site plan application. I have attached a lot split application with this letter.

Action Needed to Address Deficiency: Update site plan application that addresses these additional comments.

It should be noted, the contents of the applications have not been thoroughly reviewed. An in-depth review of the content of the application will be performed subsequently and any issues with content will be addressed at DRT.

In accordance with Section 2.2.6(B) of the LDRs, the applicant must correct the deficiencies and resubmit the application for completeness determination. The time frame and cycle for review shall be based upon the date the application is determined to be complete. If the applicant fails to respond to the identified deficiencies within forty-five (45) calendar days, the applications shall be considered withdrawn.

Should you have any questions, please feel free to contact me at (386) 418-6100, ext. 108 or via email at ahall@cityofalachua.com.

Sincerely,



Adam Hall, AICP
City Planner

c: Kathy Winburn, AICP, Director of Planning and Community Development
Justin Tabor, AICP, Principal Planner



City of Alachua

MAYOR GIB COERPER

Vice Mayor Ben Boukari, Jr.
Commissioner Shirley Green Brown
Commissioner Gary Hardacre
Commissioner Robert Wilford

OFFICE OF THE CITY MANAGER**TRACI L. GRESHAM**

Mr. Brian Kitchens
Vice President, Purchasing and Facilities
P.O. 45085
Jacksonville, FL 32232-5085

February 24, 2016

Re: Vystar Parking Requirements, Alachua Market Place

Dear Mr. Kitchens:

Your request dated February 9, 2016 for additional parking per Section 6.1.4(B)(5)(b) of the Land Development Regulations has been reviewed. The request included information regarding other Vystar locations throughout Florida as part of the justification for why the proposed use would not be economically viable without the requested additional parking. The information provided does not include a study of the amount of parking that is actually utilized during business hours for these locations. Without such information, there is not a demonstration of need for more parking than permitted by Section 6.1.4(13)(5)(a), nor is there sufficient data to support that the proposed use would not be economically viable without the requested adjustment.

Based on the evaluation of the information provided and a review of previous decisions made by the City related to requests for increased parking based on economic viability, the City cannot justify an increase that is above 150% of the required parking per the Land Development Regulations. The maximum amount of parking the City will adjust through Section 6.1.4(B)(5)(b) in this case is 150%, therefore, based on a 4,000 square foot financial institution with a parking standard of 1 space per 200 square feet, the number of parking could be adjusted to a total of 30 spaces.

A further increase in parking would require a variance, the procedures of which are outlined in Section 2.4.7 of the Land Development Regulations. Zoning Variances are granted by the Board of Adjustment (City Commission) at an advertised public hearing, and are approved only upon a finding that the applicant demonstrates that all of the standards of Section 2.4.7 (C)(4) are met. These standards include, but are not limited to, "demonstrating extraordinary and exceptional conditions, that the circumstances are not the result of actions of the applicant, and that the granting of the variance will not confer any special privilege upon the applicant that is denied other".

Should you have any questions, please contact Kathy Winburn, Planning & Community Development Director, at (386) 418-6100 x.105.

Sincerely,



Traci Gresham
City Manager

Cc: Kathy Winburn, Planning & Community Development Director
Justin Tabor, Principal Planner
Adam Hall, Planner



NEWKIRK ENGINEERING, INC.

Civil Engineering – Land Development – CEI

1370 North US Highway 1, Suite 204

Ormond Beach, FL 32174

(386) 872-7794

Harry@Newkirk-Engineering.com

May 6, 2017

Adam Hall, AICP

City of Alachua

15100 NW 142nd Terrace

Alachua, FL 32615

(386) 418-6121

**RE: VYSTAR CREDIT UNION
16181 NW US HIGHWAY 441
TRAFFIC STUDY**

Dear Mr. Hall:

VyStar Credit Union and Newkirk Engineering are requesting a variance of 150% of the required parking per the City of Alachua parking Land Development Code for a total of 30 parking spaces. To obtain the variance the City required three (3) traffic studies of similar VyStar Credit Union properties as follows:

- ❖ VyStar Credit Union (4,000 sf) - 1301 W Granada Boulevard, Ormond Beach, Florida 32174
- ❖ VyStar Credit Union (4,000 sf) - 750 Dunlawton Avenue, Port Orange, FL 32129
- ❖ VyStar Credit Union Palm Coast (4,500 sf) - 305 Palm Coast Parkway SW, Palm Coast, FL 32164

The traffic studies were conducted for a two (2) week period from April 10th to April 23rd. Based on the Institute of Traffic Engineers (ITE) the trip generation distribution for financial institutions have peak traffic during 4:00 – 6:00 PM Monday thru Friday and 11:00 – 1:00 PM on Saturday. The traffic study provides the number of customers, employees, and vehicles in parking lot for the peak hour parking demand each day over a two week period with an explanation of how that data supports the request for 150% of the minimum number of parking spaces.

The traffic counts for this study were collected utilizing methods based on the Institute of Transportation Engineers and Florida Department of Transportation Manual of Uniform Traffic Studies, Intersection/Driveway Turning Movement Count Methodology. The purpose of the Intersection/Driveway Turning Movement Counts is to summarize the counts of vehicles entering and leaving the development driveways for one hour intervals during the PM Peak Hour turning movements. During this study, cars were counted on tally sheets as they entered the drive through lanes, and parking demand was recorded based on observation of the maximum occupied spaces during each 1-hour period.

VyStar Credit Union (4,000 sf) – Ormond Beach traffic study averaged 11 employees, 25 customers in branch, 36 cars in parking lot and 16 cars in the drive-thru lanes. The Peak Hour period occurs during the 5:00 – 6:00 PM with a maximum of 12 employees, 34 customers in branch, 46 cars in parking lot and 23 cars in drive-thru lane occurring occurring on April 14th. The traffic data from the Ormond Beach branch supports the request for a 30 parking space VyStar Alachua branch because the Ormond Beach branch average parking demand is 36 parking spaces or 6 spaces more than the proposed Alachua branch. The Ormond Beach branch building and drive-thru are exactly the same as the proposed Alachua branch.

VYSTAR CREDIT UNION - ORMOND BEACH					
DATE	TIME (PM)	EMPLOYEES	CUSTOMERS IN BRANCH	CARS IN PARKING LOT	CARS IN DRIVE THRU
4/10/2017	4:00-5:00	10	24	34	9
4/11/2017	4:00-5:00	10	19	29	12
4/12/2017	4:00-5:00	10	22	32	14
4/13/2017	4:00-5:00	11	30	41	17
4/14/2017	4:00-5:00	12	32	44	25
4/15/2017	11:00-12:00	12	23	35	17
4/16/2017	Closed on Sundays				
Average		11	25	36	16

VYSTAR CREDIT UNION - ORMOND BEACH					
DATE	TIME (PM)	EMPLOYEES	CUSTOMERS IN BRANCH	CARS IN PARKING LOT	CARS IN DRIVE THRU
4/10/2017	5:00-6:00	10	26	36	11
4/11/2017	5:00-6:00	10	23	33	12
4/12/2017	5:00-6:00	10	19	29	16
4/13/2017	5:00-6:00	11	28	39	22
4/14/2017	5:00-6:00	12	34	46	23
4/15/2017	1:00-2:00	12	25	37	15
4/16/2017	Closed on Sundays				
Average		11	26	37	17

VYSTAR CREDIT UNION - ORMOND BEACH					
DATE	TIME (PM)	EMPLOYEES	CUSTOMERS IN BRANCH	CARS IN PARKING LOT	CARS IN DRIVE THRU
4/17/2017	4:00-5:00	10	21	31	10
4/18/2017	4:00-5:00	10	23	33	9
4/19/2017	4:00-5:00	10	25	35	17
4/20/2017	4:00-5:00	11	28	39	14
4/21/2017	4:00-5:00	12	34	46	26
4/22/2017	11:00-12:00	11	18	29	13
4/23/2017	Closed on Sundays				
Average		11	25	36	15

VYSTAR CREDIT UNION - ORMOND BEACH					
DATE	TIME (PM)	EMPLOYEES	CUSTOMERS IN BRANCH	CARS IN PARKING LOT	CARS IN DRIVE THRU
4/17/2017	5:00-6:00	10	22	32	9
4/18/2017	5:00-6:00	10	24	34	11
4/19/2017	5:00-6:00	10	21	31	15
4/20/2017	5:00-6:00	11	30	41	24
4/21/2017	5:00-6:00	12	31	43	21
4/22/2017	1:00-2:00	11	23	34	14
4/23/2017	Closed on Sundays				
Average		11	25	36	16

VyStar Credit Union (4,000 sf) – Port Orange traffic study averaged 13 employees, 26 customers in branch, 39 cars in parking lot and 17 cars in the drive-thru lanes. The Peak Hour period occurs during the 5:00 – 6:00 PM with a maximum of 14 employees, 34 customers in branch, 48 cars in parking lot and 29 cars in drive-thru lane occurring occurring on April 21st. The traffic data from the Port Orange branch supports the request for a 30 parking space VyStar Alachua branch because the Port Orange branch average parking demand is 39 parking spaces or 9 spaces more than the proposed Alachua branch. The Port Orange branch building and drive-thru are exactly the same as the proposed Alachua branch.

VYSTAR CREDIT UNION - PORT ORANGE					
DATE	TIME (PM)	EMPLOYEES	CUSTOMERS IN BRANCH	CARS IN PARKING LOT	CARS IN DRIVE THRU
4/10/2017	4:00-5:00	12	25	37	15
4/11/2017	4:00-5:00	12	27	39	14
4/12/2017	4:00-5:00	12	29	41	17
4/13/2017	4:00-5:00	13	30	43	19
4/14/2017	4:00-5:00	14	31	45	21
4/15/2017	11:00-12:00	13	21	34	13
4/16/2017	Closed on Sundays				
Average		13	27	40	17

VYSTAR CREDIT UNION - PORT ORANGE					
DATE	TIME (PM)	EMPLOYEES	CUSTOMERS IN BRANCH	CARS IN PARKING LOT	CARS IN DRIVE THRU
4/10/2017	5:00-6:00	12	19	31	14
4/11/2017	5:00-6:00	12	21	33	19
4/12/2017	5:00-6:00	12	23	35	21
4/13/2017	5:00-6:00	13	26	39	22
4/14/2017	5:00-6:00	14	30	44	19
4/15/2017	1:00-2:00	13	19	32	12
4/16/2017	Closed on Sundays				
Average		13	23	36	18

VYSTAR CREDIT UNION - PORT ORANGE					
DATE	TIME (PM)	EMPLOYEES	CUSTOMERS IN BRANCH	CARS IN PARKING LOT	CARS IN DRIVE THRU
4/17/2017	4:00-5:00	12	23	35	15
4/18/2017	4:00-5:00	12	29	41	14
4/19/2017	4:00-5:00	12	22	34	17
4/20/2017	4:00-5:00	13	30	43	19
4/21/2017	4:00-5:00	14	33	47	21
4/22/2017	11:00-12:00	13	23	36	13
4/23/2017	Closed on Sundays				
Average		13	27	39	17

VYSTAR CREDIT UNION - PORT ORANGE					
DATE	TIME (PM)	EMPLOYEES	CUSTOMERS IN BRANCH	CARS IN PARKING LOT	CARS IN DRIVE THRU
4/17/2017	5:00-6:00	12	20	32	9
4/18/2017	5:00-6:00	12	27	39	8
4/19/2017	5:00-6:00	12	23	35	17
4/20/2017	5:00-6:00	13	27	40	23
4/21/2017	5:00-6:00	14	34	48	29
4/22/2017	1:00-2:00	13	25	38	11
4/23/2017	Closed on Sundays				
Average		13	26	39	16

VyStar Credit Union (4,500 sf) – Palm Coast traffic study averaged 10 employees, 21 customers in branch, 31 cars in parking lot and 20 cars in the drive-thru lanes. The Peak Hour period occurs during the 5:00 – 6:00 PM with a maximum of 12 employees, 25 customers in branch, 37 cars in parking lot and 25 cars in drive-thru lane occurring occurring on April 21th. The traffic data from the Palm Coast branch supports the request for a 30 parking space VyStar Alachua branch because the Palm Coast branch average parking demand is 30 parking spaces which equals the proposed parking spaces for the proposed Alachua branch. The Palm Coast branch only has 27 striped parking spaces and customers currently park within drive aisles, dumpster enclosure and off-site at an apartment complex during peak periods because there are not enough parking spaces at this location. The Palm Coast branch currently needs more parking spaces.

VYSTAR CREDIT UNION - PALM COAST					
DATE	TIME (PM)	EMPLOYEES	CUSTOMERS IN BRANCH	CARS IN PARKING LOT	CARS IN DRIVE THRU
4/10/2017	4:00-5:00	10	17	27	17
4/11/2017	4:00-5:00	10	21	31	18
4/12/2017	4:00-5:00	10	20	30	21
4/13/2017	4:00-5:00	10	23	33	24
4/14/2017	4:00-5:00	12	22	34	27
4/15/2017	11:00-12:00	10	17	27	14
4/16/2017	Closed on Sundays				
Average		10	20	30	20

VYSTAR CREDIT UNION - PALM COAST					
DATE	TIME (PM)	EMPLOYEES	CUSTOMERS IN BRANCH	CARS IN PARKING LOT	CARS IN DRIVE THRU
4/10/2017	5:00-6:00	10	17	27	16
4/11/2017	5:00-6:00	10	19	29	21
4/12/2017	5:00-6:00	10	18	28	31
4/13/2017	5:00-6:00	10	21	31	35
4/14/2017	5:00-6:00	12	23	35	40
4/15/2017	1:00-2:00	10	19	29	17
4/16/2017	Closed on Sundays				
Average		10	20	30	27

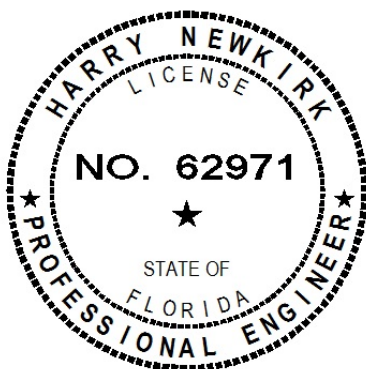
VYSTAR CREDIT UNION - PALM COAST					
DATE	TIME (PM)	EMPLOYEES	CUSTOMERS IN BRANCH	CARS IN PARKING LOT	CARS IN DRIVE THRU
4/17/2017	4:00-5:00	10	17	27	15
4/18/2017	4:00-5:00	10	20	30	14
4/19/2017	4:00-5:00	10	18	28	17
4/20/2017	4:00-5:00	10	24	34	19
4/21/2017	4:00-5:00	12	25	37	21
4/22/2017	11:00-12:00	10	17	27	13
4/23/2017	Closed on Sundays				
Average		10	20	31	17

VYSTAR CREDIT UNION - PALM COAST					
DATE	TIME (PM)	EMPLOYEES	CUSTOMERS IN BRANCH	CARS IN PARKING LOT	CARS IN DRIVE THRU
4/17/2017	5:00-6:00	10	17	27	12
4/18/2017	5:00-6:00	10	18	28	9
4/19/2017	5:00-6:00	10	19	29	19
4/20/2017	5:00-6:00	10	21	31	27
4/21/2017	5:00-6:00	12	25	37	25
4/22/2017	1:00-2:00	10	18	28	15
4/23/2017	Closed on Sundays				
Average		10	20	30	18

The parking study demonstrates that more than 30 parking spaces are needed for a prototypical 4,000 to 4,500 square foot VyStar Credit Union. The maximum amount of parking the City will adjust through Section 6.1.4(B)(5)(b) in this case is 150%, therefore, on a 4,000 square foot financial institution with a parking standard of 1 space per 200 square feet, the number can be adjusted to a total of 30 parking spaces. A Variance of 150% of the required parking per the City of Alachua parking Land Development Code for a total of 30 spaces is requested for the VyStar Credit Union Alachua branch.

If you have any questions or need additional information, please feel free to call or email me at Harry@Newkirk-Engineering.com.

Sincerely,



Harry Newkirk, PE No. 62971
President of Newkirk Engineering, Inc.

This instrument was prepared
by and should be returned to:
Jonathan P. Jennewein, Esq. of
Hill Ward Henderson
Bank of America Plaza, Suite 3700
101 East Kennedy Boulevard
Tampa, Florida 33602

Tax Parcel/Folio No.: 03053-001-004
Consideration \$975,000.00
Documentary Stamp Tax \$6,825.00

SPECIAL WARRANTY DEED

This SPECIAL WARRANTY DEED is made and entered into this 29th day of MARCH, 2016, by and between **ALACHUA-WINDCREST, LLC**, a Florida limited liability company, whose address is 605 East Robinson Street, Suite 340, Orlando, Florida 32801 (hereinafter called the "**Grantor**") and **VYSTAR CREDIT UNION**, a credit union organized under Florida law, whose address is 4949 Blanding Boulevard, Jacksonville, Florida 32210 (hereinafter called the "**Grantee**"):

W I T N E S S E T H:

The Grantor, for and in consideration of the sum of Ten and No/100ths Dollars (\$10.00) and other good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto the Grantee, its successors and assigns, all that certain land situated in Alachua County, Florida, to-wit:

See **Exhibit A** attached hereto and incorporated herein by reference subject to the matters set forth on **Exhibit B** attached hereto and incorporated by reference herein, and the covenants and restrictions set forth on **Exhibit C** attached hereto and made a part hereof.

TOGETHER with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

TO HAVE AND TO HOLD the same in fee simple forever.

The Grantor does hereby covenant that (i) it is lawfully seized of the above-described land in fee simple; (ii) that it has good, right and lawful authority to sell and convey said land; (iii) that it hereby fully warrants the title to said land, except for those matters listed on **Exhibit B**; and will defend the same against the lawful claims of all persons whomsoever claiming by, through or under the Grantor but against none other. Except for the special warranty of title made in this deed of

conveyance, the Grantor makes no other representations, warranties or covenants herein and hereby expressly disclaims all implied representations, warranties and covenants, whether arising by operation of law, by statute or otherwise.

[SIGNATURE LINES BEGIN ON FOLLOWING PAGE]

[SIGNATURE PAGE TO SPECIAL WARRANTY DEED]

IN WITNESS WHEREOF, the Grantor has caused this instrument to be executed the day and year first above written.

WITNESSES:

ALACHUA-WINDCREST, LLC, a Florida limited liability company

By: WPG-ALACHUA, LLC, a Florida limited liability company, a Member

By: Michael T. Wagner
Michael T. Wagner
Manager

[Signature]
Name: MICHAEL T. WAGNER
(Print or Type Name)

[Signature]
Name: DANIEL L. FASSMAN
(Print or Type Name)

STATE OF FLORIDA
COUNTY OF HILLSBOROUGH

The foregoing instrument was acknowledged before me on MARCH 22ND, 2016, by Michael T. Wagner, as Manager of WPG-ALACHUA, LLC, a Florida limited liability company, a Member of ALACHUA-WINDCREST, LLC, a Florida limited liability company, on behalf of each limited liability company. He is personally known to me or has produced a valid driver's license as identification.

[Signature]

Notary Public

(Print, Type or Stamp Name)

My Commission Expires:

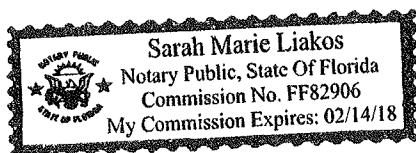


EXHIBIT A

LEGAL DESCRIPTION

FEE PARCEL:

A portion of Section 9, Township 8 South, Range 18 East, Alachua County, Florida; being more particularly described as follows:

Commence at the Northwest corner of Section 9, Township 8 South, Range 18 East, Alachua County, Florida, and run thence South 01°49'00" East, along the West boundary of said Section, 1576.08 feet; thence North 88°33'13" East, 1300.20 feet to the Northwest corner of that certain tract of land as described in Official Records Book 503, page 107, of the public records of Alachua County, Florida; thence South 01°49'00" East, along the West line of said certain tract of land, 2347.44 feet to a point on the Northerly right-of-way line of U.S. Highway No. 441 (State Road Nos. 20 & 25, 200' R/W); thence South 79°06'59" East, along said right-of-way line, 19.99 feet to the POINT OF BEGINNING; thence North 01°49'00" West, parallel with said West line, 26.23 feet; thence South 88°11'00" West, 13.28 feet; thence North 01°49'00" West, parallel with said West line, 161.11 feet; thence North 88°11'00" East, 71.78 feet; thence North 01°49'00" West, parallel with said West line, 30.00 feet; thence North 88°11'00" East, 287.55 feet; thence South 79°05'57" East, 16.28 feet; thence South 01°49'00" East, parallel with said West line, 84.96 feet to a point lying 40.00 feet westerly of (measured perpendicular) the West line of that certain parcel of land described in Official Records Book 4243, page 1710, of said public records; thence South 10°53'01" West, parallel with and 40.00 feet Westerly of (measured perpendicular) the West line of said certain parcel of land, a distance of 205.21 feet to a point on said Northerly right-of-way line; thence North 79°06'59" West, along said Northerly right-of-way line, 324.76 feet to the POINT OF BEGINNING.

EASEMENT PARCEL:

TOGETHER WITH non-exclusive easements for utilities, and vehicular and pedestrian ingress and egress as set forth in that certain Alachua Market Place Declaration of Restrictions, Covenants and Conditions and Grant of Easements recorded in Official Records Book 4321, page 2198, as amended by First Amendment to Alachua Market Place Declaration of Restrictions, Covenants and Conditions and Grant of Easements recorded in Official Records Book 4413, page 1441, both of the public records of Alachua County, Florida.

EXHIBIT B

PERMITTED EXCEPTIONS

1. Taxes and assessments for the year 2016 and subsequent years, which are not yet due and payable.
2. Applicable zoning ordinances and other applicable governmental restrictions, if any.
3. Reciprocal Easement and Restrictive Covenant Agreement recorded in Official Records Book 2643, page 783, as affected by that certain Release Agreement recorded in Official Records Book 4321, page 2183, and that certain Release Agreement recorded in Official Records Book 4321, page 2191, all of the public records of Alachua County, Florida
4. All the covenants, conditions, restrictions, easements, assessments and possible liens, terms and other provisions of Alachua Gateway Center Master Declaration recorded in Official Records Book 2643, page 795, of the public records of Alachua County, as may be amended, but omitting any covenants or restrictions, if any, based upon race, color, religion, sex, sexual orientation, familial status, marital status, disability, handicap, national origin, ancestry, or source of income, as set forth in applicable state or federal laws, except to the extent that said covenant or restriction is permitted by applicable law.
5. Restrictions, covenants, conditions and easements, but omitting any covenants or restrictions, if any, based upon race, color, religion, sex, sexual orientation, familial status, marital status, disability, handicap, national origin, ancestry, or source of income, as set forth in applicable state or federal laws, except to the extent that said covenant or restriction is permitted by applicable law, contained in that certain Declaration of Restrictive Covenants recorded in Official Records Book 4243, page 1733, as amended by Amendment to Declaration of Restrictive Covenants recorded in Official Records Book 4328, page 326, both of the Public Records of Alachua County, Florida.
6. Terms, conditions and other matters as set forth in that certain letter from the City of Alachua dated September 30, 2014 and recorded in Official Records Book 4306, page 255, of the Public Records of Alachua County, Florida.
7. Sign Easement Agreement by and between HIPP Investments, LLC, a Delaware limited liability company and Alachua-Windcrest, LLC, a Florida limited liability company, recorded in Official Records Book 4321, page 2162, of the Public Records of Alachua County, Florida
8. Easement Agreement by and between HIPP Investments, LLC, a Delaware limited liability company and Alachua-Windcrest, LLC, a Florida limited liability company, recorded in Official Records Book 4321, page 2173, of the Public Records of Alachua County, Florida.
(As to easement parcel only)

9. Alachua Market Place Declaration of Restrictions, Covenants and Conditions and Grant of Easements recorded in Official Records Book 4321, page 2198, as amended by First Amendment to Alachua Market Place Declaration of Restrictions, Covenants and Conditions and Grant of Easements recorded in Official Records Book 4413, page 1441, both of the Public Records of Alachua County, Florida.
10. Restrictions as set forth in Lease dated October 17, 2014 by and between WindCrest Acquisitions, LLC, a Florida limited liability company, Landlord and Publix Super Markets, Inc., a Florida corporation, Tenant, a Memorandum of Lease being recorded in Official Records Book 4321, page 2262, as assigned to Alachua-Windcrest, LLC, a Florida limited liability company pursuant to Memorandum of Assignment of Lease recorded in Official Records Book 4321, page 2278, and as affected by that certain Subordination, Non-Disturbance and Attornment Agreement recorded in Official Records Book 4321, page 2283, all of the Public Records of Alachua County, Florida.
11. Easement in favor of the City of Alachua, recorded in Official Records Book 4324, page 469, of the Public Records of Alachua County, Florida. (As to easement parcel only)
12. Restrictions as set forth in Lease dated January 22, 2015 by and between Alachua-Windcrest, LLC, a Florida limited liability company, Landlord and Publix Super Markets, Inc., a Florida corporation, Tenant, a Memorandum of Lease (Liquor Store) being recorded in Official Records Book 4329, page 309, of the Public Records of Alachua County, Florida. (As to easement parcel only)
13. Unrecorded Lease in favor of Alachua Family Eye Care, P.A., as evidenced by that certain UCC-1 Financing Statement recorded December 4, 2015 at Official Records Book 4395, page 2070, of the Public Records of Alachua County, Florida. (As to easement parcel only)
14. Easement in favor of Heritage Oaks-TND, Ltd., a Florida limited partnership, recorded in Official Records Book 2635, page 1267, of the Public Records of Alachua County, Florida. (As to easement parcel only)
15. Ingress/Egress Easement Agreement by and between HIPP Investments, LLC, a Delaware limited liability company and Racetrac Petroleum, Inc., a Georgia corporation, recorded in Official Records Book 4243, page 1713, of the Public Records of Alachua County, Florida. (As to easement parcel only)
16. Access and Drainage Easement Agreement by and between HIPP Investments, LLC, a Delaware limited liability company and Racetrac Petroleum, Inc., a Georgia corporation, recorded in Official Records Book 4243, page 1722, and re-recorded in Official Records Book 4299, at page 2401, as amended by First Amendment to Access and Drainage Easement Agreement recorded in Official Records Book 4353, page 2263, all of the Public Records of Alachua County, Florida. (As to easement parcel only)

17. Easement in favor of the City of Alachua, Florida, a municipal corporation, recorded in Official Records Book 4244, page 395, of the Public Records of Alachua County, Florida. (As to easement parcel only)
18. Easement in favor of the City of Alachua, Florida, a municipal corporation, recorded in Official Records Book 4244, page 398, of the Public Records of Alachua County, Florida. (As to easement parcel only)
19. Declaration of Restrictive Covenants recorded in Official Records Book 4321, page 2156, as amended by Corrective Amendment to Declaration of Restrictive Covenants recorded in Official Records Book 4413, page 1499, both of the Public Records of Alachua County, Florida. (As to easement parcel only)

EXHIBIT C

EXCLUSIVE AND PROHIBITED USES

The following covenants, restriction and provisions shall constitute covenants running with the title to the land being conveyed by this Deed (the "Property"), and are intended for the benefit of Grantor, its successors and assigns. By accepting the conveyance by this Deed, Grantee agrees to be bound by the following covenants, restrictions and provisions:

A. Exclusive Uses:

1. Publix Exclusive Use: The direct use, or indirect use via remote distribution (e.g., ordering, processing, or delivery by internet, mail order, etc.), of:
 - a. Engaging in the retail sale of groceries.
 - b. Operating a grocery supermarket, bakery, delicatessen, and/or fish market.
 - c. Selling or distributing drugs or other products which are required by law to be dispensed by a registered pharmacist, even though such pharmacist may not be required to be present for delivery of such products.
 - d. Engaging in retail sales of items of food for "off-premises" consumption.
 - e. Engaging in retail sales of beer and wine for "off-premises" consumption.
 - f. Engaging in retail sales of distilled spirits and other alcoholic beverages for "off-premises" consumption (i.e., a liquor store).
 - g. Engaging in the sale of other products typically offered for sale in a grocery supermarket.
2. Exceptions to Publix Exclusive: The occupants of the Project (as defined in Section 2.05.(d)) or adjacent property which may otherwise be restricted to the terms and provisions of the Publix Exclusive Use shall not be prohibited from engaging in the following (provided the operation of any such uses does not in any way prevent or impede, through any law, statute, code or ordinance, any use right Publix may have in the Project):
 - a. A sit down restaurant offering prepared ready-to-eat food items for consumption either on or off the premises;
 - b. A "quick serve" or "fast casual" restaurant, serving prepared ready to eat food items for consumption on or off the premises (such as McDonald's, Wendy's, Chick-fil-A or Burger King; but such use shall not include a "play place" or other equipment for children with a playground atmosphere;
 - c. A delicatessen or sandwich shop type restaurant (but not a bakery) which offers take out service as an incidental part of its restaurant operation, provided that at least seventy percent (70%) of the Leasable Floor Area of such restaurant (exclusive of kitchen or food preparation area) is utilized for seated dining purposes;

- d. A health food store or nutrition center, provided that the Leasable Floor Area devoted to such health food store or nutrition center shall not exceed 1,600 square feet, ice cream, parlor or frozen yogurt store, franchise doughnut shop (equivalent to a Dunkin' Donut or Krispy Kreme operation), bagel shop, candy store, or a pickup or delivery outlet (such as a pizza or Chinese delivery), all of which may offer the sale of food items for consumption on or off the premises;
 - e. A combination gas station and convenience food store operation, provided that the Leasable Floor Area devoted to the sale of food and beverage products shall not exceed 1,500 square feet; PROVIDED, HOWEVER, the foregoing exception shall not permit a gas station/convenience food store that is owned by, operated by or controlled by another grocery supermarket entity or general merchandise retailer that also operates grocery supermarkets (such as WalMart), such entity's parent company or its subsidiaries or affiliates, and which gas station and convenience store operation is identified on the premises which such grocery supermarket name or the name under which such general merchandise retailer operates its grocery supermarkets within the State in which the Premises is located; or
 - f. As to the Publix Exclusive Use only, the retail sale of groceries and other products typically sold in a grocery supermarket (but not perishable goods typically sold in a grocery supermarket, "perishable goods" meaning any goods or products that require storage or display below room temperature to maintain freshness and avoid degrading of quality) by any tenant or occupant of premises within the Project or the Outparcel (other than Publix, an entity in which Publix owns a legal or beneficial interest, or an entity which owns a legal or beneficial interest in Publix), but only to the extent the sale of such groceries and other products typically sold in a grocery supermarket: (i) constitute not more than an aggregate of ten percent (10%) of the dollar amount of gross sales volume of any such tenant, and (ii) the Leasable Floor Area of any such premises devoted to the sale thereof shall not exceed the lesser of (x) ten percent (10%) of the Leasable Floor Area of such premises devoted to the retail sales area (as opposed to office, storage, or other uses); or (y) two hundred (200) square feet, which area shall include one-half (1/2) of the leasable floor area of aisle space adjacent to the display area of such products.
3. Liquor Store Exclusive: The operation of a liquor store which includes, but is not limited to, the sale, storage, use or giving away of beer, wine, or liquor for off-premises consumption within the Project, including any outparcels and adjacent tracts now owned (or later acquired) by Seller.
 4. Great Clips Exclusive: The operation of a family oriented hair salon. The following retailers are not allowed within the Project: Supercuts, Hair Cuttery, Famous Hair, Sport Clips, Big League Barbers, Cost Cutters, Smart Styles, Hair Masters, Head Start, Style America, TGF, Pro-Cuts, Snip N' Clip, and Kids Cuts, Knockouts, BoRics, Sports Clips, Hair Cuttery, Shi Salon, and Fantastic Sams, or any business allowing haircuts for less than \$20.00. Notwithstanding the foregoing, Seller is permitted to lease to a "Full

Service” salon. Full Service is defined as a salon allowing haircuts in an amount no less than \$20.00.

5. Other Exclusives: The operation of a Mexican-style restaurant, a Chinese restaurant, or a nail salon.

B. **Prohibited Uses:**

1. Specific Prohibited Uses. No portion of the Project shall be used for any of the following “prohibited uses”:
 - a. any unlawful purpose, or in any way which would constitute a legal nuisance to adjoining tenants in the Project; dry cleaning plant; adult entertainment facility; massage parlor; adult book store; a so-called “head shop;” tattoo or piercing parlor; a gaming, gambling, betting or game of chance business (exclusive of the sale of lottery or scratch-off tickets); discotheque; dance hall; nightclub; pool room; pin ball or electronic game room; funeral parlor; flea market; bingo parlor; the sale, rental, lease, or repair or maintenance of automobiles, trucks, other motorized vehicles, or trailers; car wash; billboard; cell phone tower; pawn shop; driving school; or
 - b. cinema or theater, skating rink; bowling alley; amusement gallery; health spa; gymnasium; cafeteria; variety-type or price point store (drug store, “dollar” store, “five and dime,” such as Walgreen’s, CVS, Dollar Tree, Dollar General, Family Dollar, Big Lots); sub shop (such as Subway, Quizno’s, Firehouse, or Jimmy John’s); or wholesale clubs (such as Costco, BJ’s, Sam’s Club).
2. Prohibited Uses Based on Proximity to Publix Storeroom. No premises in the Project located within 400 feet of the Publix storeroom (which distance shall be measured from the storeroom demising wall nearest said other premises to the demising wall of said other premise nearest the storeroom) shall be used for a day care center (including any “drop-in” or other child care facility), or a “concept” restaurant and/or cocktail lounge of a parking intensive nature, such restaurants and/or cocktail lounges being similar in nature to Applebee’s, Outback Steakhouse, Chili’s, Hooters, and T.G.I. Friday’s. In any event, not more than an aggregate of four (4) restaurants and/or cocktail lounges, regardless of concept or parking intensive nature, shall be located within the Project, nor shall a restaurant of any kind be located within one hundred (100) feet of the Publix storeroom.

ATTACHMENT A: FIRE FLOW ASSESSMENT REPORT REQUEST FORM*Fire Flow Assessment Report Request Form*

Return this completed application to the City of Alachua Water Utility

Attention: **Scott Roane** *Water Division Supervisor*

City Hall, 15100 NW 142nd Terrace, Alachua, FL 32616

Phone: (386) 462-7590

Fax: (386) 418-6164

Date of Application: JUNE 8, 2017

Applicant Information

Contact Name: HARRY NEWKIRK

Company Name: NEWKIRK ENGINEERING, INC.

Phone Number: (386) 290-7599

Email Address: harry@newkirk-engineering.com

Project Information

Project Name: VYSTAR CREDIT UNION - ALACHUA MARKET PLACE

Project Address: 16181 NW HIGHWAY 441, ALACHUA FL 32615

City of Alachua Utilities Project Number (if applicable): _____

Building Type and Size: 4,000 S.F.

Fire Flow rate (gpm) you need for the analysis: 1,750 GPM WITH NO SPRINKLERS (1,000 GPM WITH SPRINKLERS)

Project Street Address: 16181 NW HIGHWAY 441, ALACHUA FL 32615

(specify the project location in reference to the position of the building, if necessary)

Attach a sketch/location map depicting location to be tested. Area map with specific location of project is required.

The fire hydrant closest to the project location will be used for the analysis. All report documents will be emailed within ten (10) business days from receipt of payment. There may be times when the computer model cannot be used. This could be due to the distribution pipe not being in the current model. In these cases, we will notify you to arrange a field test with City of Alachua Water personnel.

Comments:

I hereby request a Fire Flow Analysis from the City of Alachua to be performed for the identified project/location.

(Authorized Signature of Applicant)



W.W. GAY FIRE & INTEGRATED SYSTEMS, INC.

522 STOCKTON STREET • JACKSONVILLE, FL 32204 • PHONE 904-387-7973 • WWW.WWGF.COM



FIRE HYDRANT FLOW TEST DATA

Company: NewKirk Engineering, Inc.

Address: 1370 N US Hwy 1 Suite 204
Ormond Beach, FL 32174

Contact:

Name/Title: Harry NewKirk
Phone #: 386-290-7599

Hydrant Location:

(#1) Residual Hydrant: Hwy 441 South of Hungry Howies

Hydrant Location:

(#2) Flowed Hydrant: Hwy 441 in front of Publix

Testing:

Year: 2016
Technician: Jerry Gentry
Dave Smith

Date: 9/7/2016
Time: 10:00 AM

RESULTS

(#1) Residual Hydrant:

Static: 75 PSI
Residual: 40 PSI

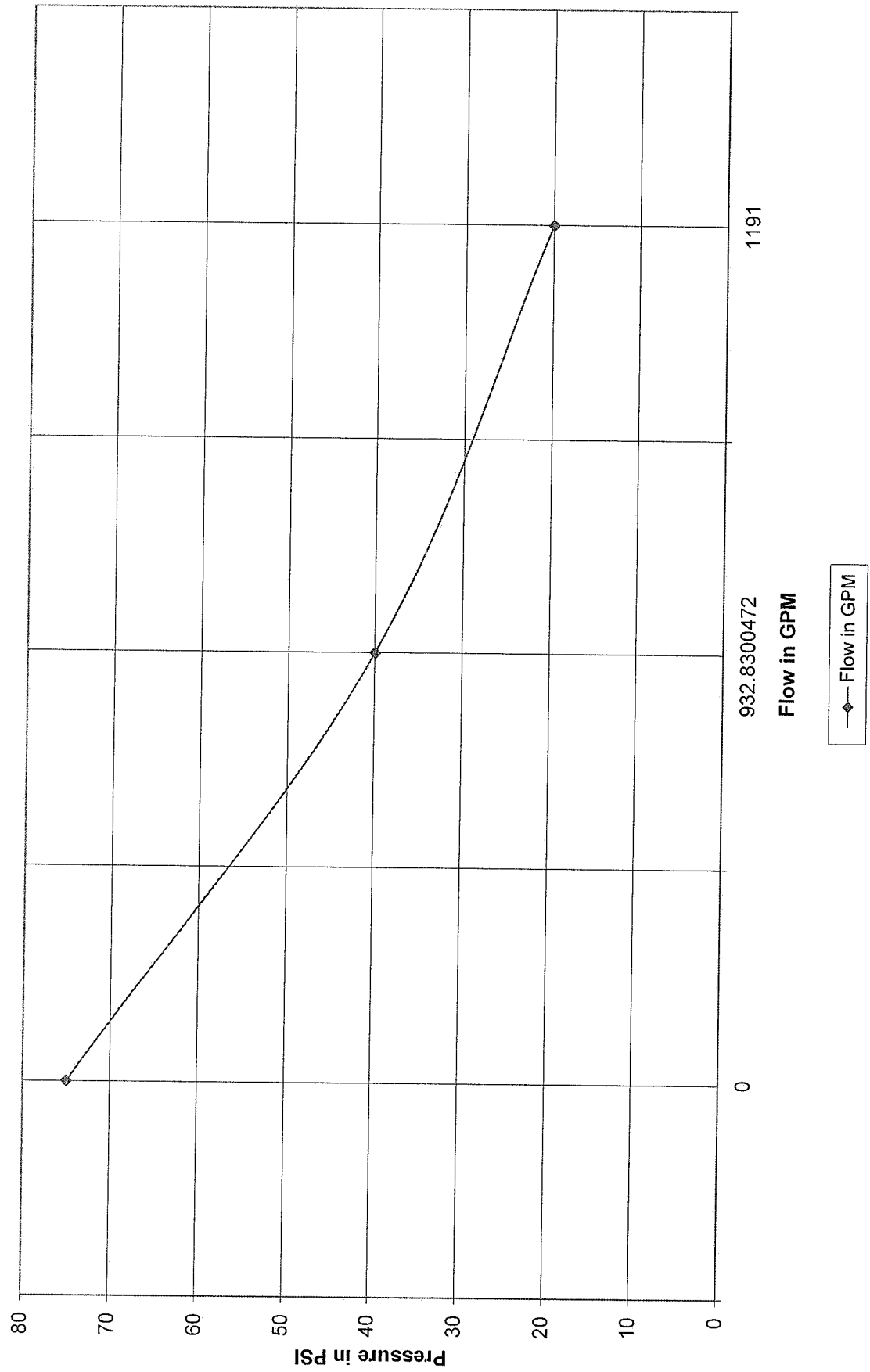
(#2) Flowed Hydrant / Hydrants:

Pito: 28 PSI

Flow: 933 GPM

Hydrant Flow At 20 PSI: 1191 GPM

NewKirk Hydrant Flow Test



SPACE: ELEC RM 120/208 VOLTS, 3 PHASE, 4 WIRE						PANEL UPS						AIC: 42,000 SURFACE MOUNTED, NEMA 1 100 AMP MAIN LUGS ONLY														
CKT	POLES	TRIP	WIRE	GND	COND	KVA	SERVES						CKT	POLES	TRIP	WIRE	GND	COND	KVA	SERVES						
1	1	20	2#12	2#12 1/2"	0.5		RCPT--DATA RACK						2	1	20	2#12	#12 1/2"	0.5			FIRE ALARM					
3	1	20	2#12	2#12 1/2"	0.5		RCPT--DATA RACK						4	1	20	2#12	#12 1/2"	0.5			SECURITY PANEL					
5	1	20	2#12	2#12 1/2"	0.5		RCPT--DATA RACK						6	1	20	2#12	#12 1/2"	0.6			RCPT--FIRE ALARM SECURITY					
7	1	20	2#12	2#12 1/2"	0.5		RCPT--DATA RACK						8	1	20	2#12	#12 1/2"	0.8			RCPT--SECURITY CAMERA DVR					
9	1	20	2#12	2#12 1/2"	0.3		RCPT--DATA RACK						10	1	20	2#12	#12 1/2"	0.5			RCPT--VIDEO SWITCHER					
11	1	20	2#12	2#12 1/2"	0.3		RCPT--COMM BACKBOARD						12	1	20	2#12	#12 1/2"	0.5			RCPT--AUDIO SWITCHER					
13	1	20	2#12	2#12 1/2"	0.3		RCPT--COMM BACKBOARD						14	1	20	2#12	#12 1/2"	0.5			RCPT--VAT31 POWER SUPPLY					
15	1	20	2#12	2#12 1/2"	0.3		RCPT--COMM BACKBOARD						16	1	20	2#12	#12 1/2"	0.5			RCPT--VAT30 POWER SUPPLY					
17	1	20	2#12	2#12 1/2"	0.3		RCPT--COMM BACKBOARD						18	1	20	2#12	#12 1/2"	1.0			RCPT: ATM					
19	1	20	2#12	2#12 1/2"	0.3		RCPT--COMM BACKBOARD						20	1	20	2#12	#10 1/2"	1.0			RCPT: ATM					
21	1	20	2#12	2#12 1/2"	0.3		RCPT--COMM BACKBOARD						22	1	20	2#12	#12 1/2"	1.5			RCPT: TELLER COMPS					
23	1	20	2#12	2#12 1/2"	0.3		RCPT--COMM BACKBOARD						24	1	20	2#12	#12 1/2"	1.5			RCPT: TELLERS, POLICE COMPS					
25	1	20	2#12	#12 1/2"	1.0		RCPT: ADVISOR COMP.						26	1	20	2#10	#12 1/2"	1.0			RCPT: ADVISOR COMP. IV					
27	1	20	2#10	#12 1/2"	1.0		RCPT: COMPUTERS						28	1	20	2#12	#12 1/2"	1.0			FUTURE ATM					
29	1	20	2#12	#12 1/2"	1.0		RCPT: TELLERS, POLICE COMPS						30	1	20	2#12	#12 1/2"	1.0			FUTURE ATM					
31	1	20	2#12	#12 1/2"	1.0		PRINTER/COPIER						32	1	20	2#12	#12 1/2"	1.0			PRINTER/COPIER					
33	1	20	2#12	#12 1/2"	0.4		RCPT: TELLERS						34	1	20	--	--	--	--		SPACE					
35	1	20	--	--	--	--	SPARE						36	1	20	--	--	--	--		SPACE					
37	1	20	--	--	--	--	SPARE						38	1	20	--	--	--	--		SPACE					
39	1	20	--	--	--	--	SPARE						40	1	20	--	--	--	--		SPACE					
41	1	20	--	--	--	--	SPARE						42	1	20	--	--	--	--		SPACE					

CONNECTED LOAD: 21.8 KVA



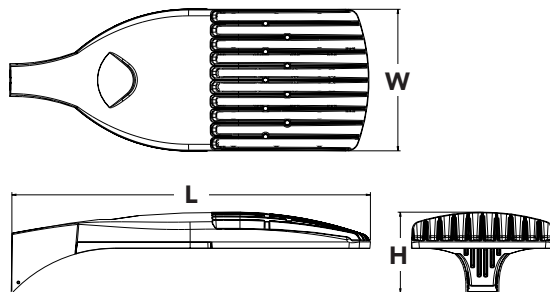
D-Series Size 1 LED Area Luminaire

d#series



Specifications

EPA:	1.01 ft ² (0.09 m ²)
Length:	33" (83.8 cm)
Width:	13" (33.0 cm)
Height:	7-1/2" (19.0 cm)
Weight (max):	27 lbs (12.2 kg)



A+ Capable options indicated by this color background.

Catalog
Number

Notes

Type

P1 FIXTURE

Hit the Tab key or mouse over the page to see all interactive elements.

A+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and system-level interoperability.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is A+ Certified when ordered with DTL® controls marked by a shaded background. DTL DLL equipped luminaires meet the A+ specification for luminaire to photocontrol interoperability¹
- This luminaire is part of an A+ Certified solution for ROAM®2 or XPoint™ Wireless control networks, providing out-of-the-box control compatibility with simple commissioning, when ordered with drivers and control options marked by a shaded background¹

To learn more about A+, visit www.acuitybrands.com/aplus.

- See ordering tree for details.
- A+ Certified Solutions for ROAM require the order of one ROAM node per luminaire. Sold Separately: [Link to Roam](#); [Link to DTL DLL](#)

Ordering Information

EXAMPLE: DSX1 LED 60C 1000 40K T3M MVOLT SPA DDBXD

Series	LEDs	Drive current	Color temperature	Distribution	Voltage	Mounting
DSX1 LED	Forward optics	530 530 mA	30K 3000 K	T1S Type I short	MVOLT⁴	Shipped included
	30C 30 LEDs (one engine)	700 700 mA	40K 4000 K	T2S Type II short	120 ⁴	SPA Square pole mounting
	40C 40 LEDs (two engines)	1000 1000 mA (1 A)	50K 5000 K	T2M Type II medium	208 ⁴	RPA Round pole mounting
	60C 60 LEDs (two engines)		AMBPC Amber phosphor converted ²	T3S Type III short	240 ⁴	WBA Wall bracket
	Rotated optics¹			T3M Type III medium	277 ⁴	SPUMBA Square pole universal mounting adaptor ⁶
	60C 60 LEDs (two engines)			T4M Type IV medium	347 ⁵	RPUMBA Round pole universal mounting adaptor ⁶
				TFTM Forward throw medium	480 ⁵	Shipped separately
				T5S Type V short		KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish) ⁷
				T5M Type V medium		
				T5W Type V wide		
				BLC Backlight control ^{2,3}		
				LCCO Left corner cutoff ^{2,3}		
				RCCO Right corner cutoff ^{2,3}		

Control options	Other options	Finish (required)
Shipped installed	Shipped installed	
PER NEMA twist-lock receptacle only (no controls) ⁸	HS House-side shield¹⁸	DDBXD Dark bronze
PER5 Five-wire receptacle only (no controls) ^{8,9}	WTB Utility terminal block ¹⁹	DBLXD Black
PER7 Seven-wire receptacle only (no controls) ^{8,9}	SF Single fuse (120, 277, 347V) ²⁰	DNAXD Natural aluminum
DMG 0-10V dimming extend out back of housing for external control (no controls) ¹⁰	DF Double fuse (208, 240, 480V) ²⁰	DWHXD White
DCR Dimmable and controllable via ROAM® (no controls) ¹¹	L90 Left rotated optics ²¹	DDBTXD Textured dark bronze
DS Dual switching ^{12,13}	R90 Right rotated optics ²¹	DBLBXD Textured black
PIR Bi-level, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 5fc ¹⁴	BS Bird spikes	DNATXD Textured natural aluminum
PIRH Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 5fc ¹⁴		DWHGXD Textured white
PIR1FC3V Bi-level, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 1fc ¹⁴		
PIRH1FC3V Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc ¹⁴		
BL30 Bi-level switched dimming, 30% ^{13,15}		
BL50 Bi-level switched dimming, 50% ^{13,15}		
PNMTDD3 Part night, dim till dawn ¹⁶		
PNMT5D3 Part night, dim 5 hrs ¹⁶		
PNMT6D3 Part night, dim 6 hrs ¹⁶		
PNMT7D3 Part night, dim 7 hrs ¹⁶		
FAO Field adjustable output ¹⁷		



Ordering Information

Accessories

Ordered and shipped separately.

Controls & Shields

DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V) ²²
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V) ²²
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V) ²²
DSHORT SBK U	Shorting cap ²²
DSX1HS 30C U	House-side shield for 30 LED unit ¹⁸
DSX1HS 40C U	House-side shield for 40 LED unit ¹⁸
DSX1HS 60C U	House-side shield for 60 LED unit ¹⁸
PUMBA DDBXD U*	Square and round pole universal mounting bracket (specify finish) ²³
KMA8 DDBXD U	Mast arm mounting bracket adaptor (specify finish) ⁷

For more control options, visit [DTL](#) and [ROAM](#) online.

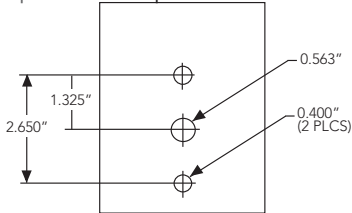
NOTES

- Rotated optics available with 60C only.
- Not available AMBPC, BLC, LCCO or RCCO.
- Not available with HS.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120V, 208V, 240V or 277V options only when ordering with fusing (SF, DF options).
- Not available with single board, 530mA product (30C 530 or 60C 530 DS). Not available with BL30, BL50 or PNMT options.
- Existing drilled pole only. Available as a separate combination accessory; for retrofit use only: PUMBA (finish) U; 1.5 G vibration load rating per ANCI C136.31.
- Must order fixture with SPA option. Must be ordered as a separate accessory; see Accessories information. For use with 2-3/8" mast arm (not included).
- Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Not available with DS option. Shorting Cap be order for correct operation when photocontrol is present.
- If ROAM® node required, it must be ordered and shipped as a separate line item from Acuity Brands Controls. Not available with DCR. Node with integral dimming.
- DMG option for 347V or 480V requires 1000mA.
- Specifies a ROAM® enabled luminaire with 0-10V dimming capability; PER option required. Additional hardware and services required for ROAM® deployment; must be purchased separately. Call 1-800-442-6745 or email: sales@roamservices.net. N/A with DS, PER5, PER7, BL30, BL50 or PNMT options. Node without integral dimming. Mvolt only. Not available with 347V and 480V. Not available with PIRH1FC3V.
- Requires 40C or 60C. Provides 50/50 luminaire operation via two independent drivers on two separate circuits. N/A with PER, DCR, WTB, PIR or PIRH.
- Requires an additional switched circuit.
- PIR and PIR1FC3V specify the [SensorSwitch SBGR-10-ODP](#) control; PIRH and PIRH1FC3V specify the [SensorSwitch SBGR-6-ODP](#) control; see [Outdoor Control Technical Guide](#) for details. Dimming driver standard. Ambient sensor disabled when ordered with DCR. Separate on/off required. PIR and PIRH options are used with PER5 and PER7, additional leads from receptacle are terminated and non-functioning. When PIR and PIRH options are selected with DCR, old style ROAM node must be used or PIRH and PIRH will not function correctly.
- Dimming driver standard. MVOLT only. Not available with 347V, 480V, DCR, DS, PER5, PER7 or PNMT options. Not available with PIR1FC3V or PIRH1FC3V.
- Dimming driver standard. MVOLT only. Not available with 347V, 480V, DCR, DS, PER5, PER7, BL30 or BL50. Not available with PIR1FC3V or PIRH1FC3V. Separate on/off required.
- Dimming driver standard. Not available with PER5, PER7, DMG, DCR, DS, BL30, BL50 or PNMT, PIR, PIRH, PIR1FC3V or PIRH1FC3V.
- Not available with BLC, LCCO and RCCO distribution. Also available as a separate accessory; see Accessories information.
- WTB not available with DS.
- Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- Available with 60 LEDs (60C option) only.
- Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item from Acuity Brands Controls.
- For retrofit use only.

Drilling

Template #8

Top of Pole



DSX1 shares a unique drilling pattern with the AERIS™ family. Specify this drilling pattern when specifying poles, per the table below.

DM19AS	Single unit	DM29AS	2 at 90°*
DM28AS	2 at 180°	DM39AS	3 at 90°*
DM49AS	4 at 90°*	DM32AS	3 at 120°**

Example: SSA 20 4C DM19AS DDBXD

Visit Lithonia Lighting's [POLES CENTRAL](#) to see our wide selection of poles, accessories and educational tools.

*Round pole top must be 3.25" O.D. minimum.

**For round pole mounting (RPA) only.

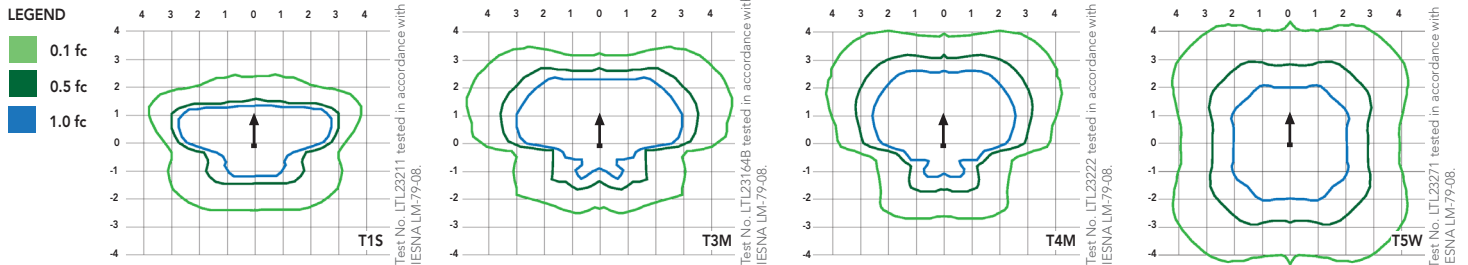
Tenon Mounting Slipfitter**

Tenon O.D.	Single Unit	2 at 180°	2 at 90°	3 at 120°	3 at 90°	4 at 90°
2-3/8"	AST20-190	AST20-280	AST20-290	AST20-320	AST20-390	AST20-490
2-7/8"	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [D-Series Area Size 1 homepage](#).

Isofootcandle plots for the DSX1 LED 60C 1000 40K. Distances are in units of mounting height (20').



Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.02
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	1.00
40°C	104°F	0.99

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a **25°C ambient**, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	DSX1 LED 60C 1000			
	1.0	0.98	0.96	0.91
	DSX1 LED 60C 700			
	1.0	0.99	0.99	0.99

Electrical Load

Number of LEDs	Drive Current (mA)	System Watts	Current (A)					
			120	208	240	277	347	480
30	530	52	0.52	0.30	0.26	0.23	--	--
	700	68	0.68	0.39	0.34	0.30	0.24	0.17
	1000	105	1.03	0.59	0.51	0.45	0.36	0.26
40	530	68	0.67	0.39	0.34	0.29	0.23	0.17
	700	89	0.89	0.51	0.44	0.38	0.31	0.22
	1000	138	1.35	0.78	0.67	0.58	0.47	0.34
60	530	99	0.97	0.56	0.48	0.42	0.34	0.24
	700	131	1.29	0.74	0.65	0.56	0.45	0.32
	1000	209	1.98	1.14	0.99	0.86	0.69	0.50

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Forward Optics

LEDs	Drive Current (mA)	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
30C (30 LEDs)	530 mA	52 W	T1S	5,948	1	0	1	114	6,387	1	0	1	123	6,427	1	0	1	124	3,640	1	0	1	70
			T2S	6,132	1	0	1	118	6,585	2	0	2	127	6,626	2	0	2	127	3,813	1	0	1	73
			T2M	5,992	1	0	2	115	6,434	1	0	2	124	6,475	1	0	2	125	3,689	1	0	1	71
			T3S	5,985	1	0	1	115	6,427	1	0	2	124	6,467	1	0	2	124	3,770	1	0	1	73
			T3M	6,039	1	0	2	116	6,485	1	0	2	125	6,525	1	0	2	125	3,752	1	0	1	72
			T4M	6,121	1	0	2	118	6,573	1	0	2	126	6,614	1	0	2	127	3,758	1	0	1	72
			TFTM	6,030	1	0	2	116	6,475	1	0	2	125	6,515	1	0	2	125	3,701	1	0	1	71
			TSVS	6,370	2	0	0	123	6,840	2	0	0	132	6,883	2	0	0	132	3,928	2	0	0	76
			T5S	6,417	2	0	0	123	6,890	2	0	0	133	6,933	2	0	0	133	3,881	2	0	0	75
			T5M	6,428	3	0	1	124	6,902	3	0	1	133	6,945	3	0	1	134	3,930	2	0	1	76
			TSW	6,334	3	0	1	122	6,801	3	0	1	131	6,844	3	0	1	132	3,820	3	0	1	73
			BLC	4,735	1	0	1	91	5,085	1	0	2	98	5,116	1	0	1	98					
			LCCO	4,600	1	0	2	88	4,940	1	0	2	95	4,971	1	0	2	96					
			RCCO	4,600	1	0	2	88	4,940	1	0	2	95	4,971	1	0	2	96					
	700 mA	68 W	T1S	7,554	1	0	1	111	8,112	2	0	2	119	8,163	2	0	2	120	4,561	1	0	1	67
			T2S	7,789	2	0	2	115	8,364	2	0	2	123	8,416	2	0	2	124	4,777	1	0	1	70
			T2M	7,610	1	0	2	112	8,172	2	0	2	120	8,223	2	0	2	121	4,622	1	0	2	68
			T3S	7,601	1	0	2	112	8,162	2	0	2	120	8,213	2	0	2	121	4,724	1	0	1	69
			T3M	7,670	1	0	2	113	8,236	2	0	2	121	8,288	2	0	2	122	4,701	1	0	2	69
			T4M	7,774	1	0	2	114	8,348	2	0	2	123	8,400	2	0	2	124	4,709	1	0	2	69
			TFTM	7,658	1	0	2	113	8,223	1	0	2	121	8,275	1	0	2	122	4,638	1	0	2	68
			TSVS	8,090	2	0	0	119	8,687	3	0	1	128	8,742	3	0	1	129	4,922	2	0	0	72
			T5S	8,150	2	0	0	120	8,751	3	0	0	129	8,806	3	0	0	130	4,863	2	0	0	72
			T5M	8,164	3	0	1	120	8,767	3	0	2	129	8,821	3	0	2	130	4,924	3	0	1	72
			TSW	8,044	3	0	1	118	8,638	3	0	2	127	8,692	3	0	2	128	4,787	3	0	1	70
			BLC	6,028	1	0	2	89	6,473	1	0	2	95	6,514	1	0	2	96					
			LCCO	5,856	1	0	2	86	6,289	1	0	2	92	6,328	1	0	2	93					
			RCCO	5,856	1	0	2	86	6,289	1	0	2	92	6,328	1	0	2	93					
	1000 mA	105 W	T1S	10,331	2	0	2	98	11,094	2	0	2	106	11,163	2	0	2	106					
			T2S	10,652	2	0	2	101	11,438	2	0	2	109	11,510	2	0	2	110					
			T2M	10,408	2	0	2	99	11,176	2	0	3	106	11,246	2	0	3	107					
			T3S	10,395	2	0	2	99	11,163	2	0	2	106	11,233	2	0	2	107					
			T3M	10,490	2	0	2	100	11,264	2	0	2	107	11,335	2	0	2	108					
			T4M	10,632	2	0	2	101	11,417	2	0	2	109	11,488	2	0	2	109					
			TFTM	10,473	2	0	2	100	11,247	2	0	3	107	11,317	2	0	3	108					
			TSVS	11,064	3	0	1	105	11,881	3	0	1	113	11,955	3	0	1	114					
			T5S	11,145	3	0	1	106	11,968	3	0	1	114	12,043	3	0	1	115					
			T5M	11,165	3	0	2	106	11,989	4	0	2	114	12,064	4	0	2	115					
			TSW	11,001	3	0	2	105	11,813	4	0	2	113	11,887	4	0	2	113					
			BLC	7,960	1	0	2	76	8,548	1	0	2	81	8,601	1	0	2	82					
			LCCO	7,734	1	0	2	74	8,305	1	0	2	79	8,357	1	0	2	80					
			RCCO	7,734	1	0	2	74	8,305	1	0	2	79	8,357	1	0	2	80					

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Forward Optics

LEDs	Drive Current (mA)	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
40C (40 LEDs)	530 mA	68 W	T1S	7,861	1	0	1	116	8,441	2	0	2	124	8,494	2	0	2	125	4,794	1	0	1	71
			T2S	8,105	2	0	2	119	8,704	2	0	2	128	8,758	2	0	2	129	5,021	1	0	1	74
			T2M	7,920	2	0	2	116	8,504	2	0	2	125	8,557	2	0	2	126	4,858	1	0	2	71
			T3S	7,910	1	0	2	116	8,494	2	0	2	125	8,547	2	0	2	126	4,966	1	0	1	73
			T3M	7,982	2	0	2	117	8,571	2	0	2	126	8,625	2	0	2	127	4,941	1	0	2	73
			T4M	8,090	1	0	2	119	8,687	2	0	2	128	8,741	2	0	2	129	4,950	1	0	2	73
			TFTM	7,969	1	0	2	117	8,558	2	0	2	126	8,611	2	0	2	127	4,875	1	0	2	72
			TSVS	8,419	2	0	0	124	9,040	3	0	1	133	9,097	3	0	1	134	5,174	2	0	0	76
			T5S	8,481	2	0	0	125	9,107	3	0	1	134	9,164	3	0	1	135	5,111	2	0	0	75
			T5M	8,496	3	0	1	125	9,123	3	0	2	134	9,180	3	0	2	135	5,175	3	0	1	76
			TSW	8,371	3	0	2	123	8,989	3	0	2	132	9,045	3	0	2	133	5,031	3	0	1	74
			BLC	6,255	1	0	2	92	6,717	1	0	2	99	6,759	1	0	2	99					
			LCCO	6,077	1	0	2	89	6,526	1	0	2	96	6,566	1	0	2	97					
			RCCO	6,077	1	0	2	89	6,526	1	0	2	96	6,566	1	0	2	97					
	700 mA	91 W	T1S	9,984	2	0	2	112	10,721	2	0	2	120	10,788	2	0	2	121	6,014	1	0	1	68
			T2S	10,294	2	0	2	116	11,054	2	0	2	124	11,123	2	0	2	125	6,299	2	0	2	71
			T2M	10,059	2	0	2	113	10,801	2	0	3	121	10,869	2	0	3	122	6,094	2	0	2	68
			T3S	10,046	2	0	2	113	10,788	2	0	2	121	10,855	2	0	2	122	6,229	1	0	2	70
			T3M	10,137	2	0	2	114	10,886	2	0	2	122	10,954	2	0	2	123	6,198	2	0	2	70
			T4M	10,275	2	0	2	115	11,033	2	0	2	124	11,102	2	0	2	125	6,209	1	0	2	70
			TFTM	10,122	2	0	2	114	10,869	2	0	2	122	10,937	2	0	2	123	6,115	1	0	2	69
			TSVS	10,693	3	0	1	120	11,482	3	0	1	129	11,554	3	0	1	130	6,490	2	0	0	73
			T5S	10,771	3	0	1	121	11,566	3	0	1	130	11,639	3	0	1	131	6,411	2	0	0	72
			T5M	10,790	3	0	2	121	11,587	4	0	2	130	11,659	4	0	2	131	6,492	3	0	1	73
			TSW	10,632	3	0	2	119	11,417	4	0	2	128	11,488	4	0	2	129	6,311	3	0	2	71
			BLC	7,963	1	0	2	89	8,551	1	0	2	96	8,605	1	0	2	97					
			LCCO	7,736	1	0	2	87	8,308	1	0	2	93	8,359	1	0	2	94					
			RCCO	7,736	1	0	2	87	8,308	1	0	2	93	8,359	1	0	2	94					
	1000 mA	138 W	T1S	13,655	2	0	2	99	14,663	3	0	3	106	14,754	3	0	3	107					
			T2S	14,079	2	0	2	102	15,118	3	0	3	110	15,212	3	0	3	110					
			T2M	13,756	2	0	3	100	14,772	3	0	3	107	14,864	3	0	3	108					
			T3S	13,739	2	0	2	100	14,754	2	0	2	107	14,846	3	0	3	108					
			T3M	13,864	2	0	2	100	14,888	3	0	3	108	14,981	3	0	3	109					
			T4M	14,052	2	0	2	102	15,090	3	0	3	109	15,184	3	0	3	110					
			TFTM	13,842	2	0	3	100	14,864	2	0	3	108	14,957	2	0	3	108					
			TSVS	14,623	3	0	1	106	15,703	4	0	1	114	15,801	4	0	1	115					
			T5S	14,731	3	0	1	107	15,818	3	0	1	115	15,917	3	0	1	115					
			T5M	14,757	4	0	2	107	15,846	4	0	2	115	15,945	4	0	2	116					
			TSW	14,540	4	0	2	105	15,614	4	0	2	113	15,711	4	0	2	114					
			BLC	10,516	1	0	2	76	11,292	1	0	2	82	11,363	1	0	2	82					
			LCCO	10,216	2	0	3	74	10,971	2	0	3	80	11,039	2	0	3	80					
			RCCO	10,216	2	0	3	74	10,971	2	0	3	80	11,039	2	0	3	80					

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Forward Optics

LEDs	Drive Current (mA)	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
60C (60 LEDs)	530 mA	99 W	T1S	11,569	2	0	2	117	12,423	2	0	2	125	12,501	2	0	2	126	7,167	2	0	2	72
			T2S	11,928	2	0	2	120	12,809	3	0	3	129	12,889	3	0	3	130	7,507	2	0	2	76
			T2M	11,655	2	0	2	118	12,516	2	0	3	126	12,594	2	0	3	127	7,263	2	0	2	73
			T3S	11,641	2	0	2	118	12,500	2	0	2	126	12,579	2	0	2	127	7,424	2	0	2	75
			T3M	11,747	2	0	2	119	12,614	2	0	2	127	12,693	2	0	2	128	7,387	2	0	2	75
			T4M	11,906	2	0	2	120	12,785	2	0	2	129	12,865	2	0	2	130	7,400	2	0	2	75
			TFTM	11,728	2	0	2	118	12,594	2	0	3	127	12,673	2	0	3	128	7,288	1	0	2	74
			TSVS	12,390	3	0	1	125	13,305	3	0	1	134	13,388	3	0	1	135	7,734	3	0	1	78
			T5S	12,481	3	0	1	126	13,402	3	0	1	135	13,486	3	0	1	136	7,641	3	0	0	77
			T5M	12,503	3	0	2	126	13,426	4	0	2	136	13,510	4	0	2	136	7,737	3	0	2	78
			TSW	12,320	4	0	2	124	13,229	4	0	2	134	13,312	4	0	2	134	7,522	3	0	2	76
			BLC	9,212	1	0	2	93	9,892	1	0	2	100	9,954	1	0	2	101					
			LCCO	8,950	1	0	2	90	9,611	2	0	2	97	9,671	2	0	2	98					
			RCCO	8,950	1	0	2	90	9,611	2	0	2	97	9,671	2	0	2	98					
	700 mA	131 W	T1S	14,694	2	0	2	112	15,779	3	0	3	120	15,877	3	0	3	121	8,952	2	0	2	68
			T2S	15,150	3	0	3	116	16,269	3	0	3	124	16,370	3	0	3	125	9,377	2	0	2	72
			T2M	14,803	2	0	3	113	15,896	3	0	3	121	15,995	3	0	3	122	9,072	2	0	2	69
			T3S	14,785	2	0	2	113	15,877	3	0	3	121	15,976	3	0	3	122	9,273	2	0	2	71
			T3M	14,919	2	0	2	114	16,021	3	0	3	122	16,121	3	0	3	123	9,227	2	0	2	70
			T4M	15,122	2	0	2	115	16,238	3	0	3	124	16,340	3	0	3	125	9,243	2	0	2	71
			TFTM	14,896	2	0	3	114	15,996	2	0	3	122	16,096	2	0	3	123	9,103	2	0	2	69
			TSVS	15,736	3	0	1	120	16,898	4	0	1	129	17,004	4	0	1	130	9,661	3	0	1	74
			T5S	15,852	3	0	1	121	17,022	4	0	1	130	17,129	4	0	1	131	9,544	3	0	1	73
			T5M	15,880	4	0	2	121	17,052	4	0	2	130	17,159	4	0	2	131	9,665	3	0	2	74
			TSW	15,647	4	0	2	119	16,802	4	0	2	128	16,907	4	0	2	129	9,395	4	0	2	72
			BLC	11,728	1	0	2	90	12,594	1	0	2	96	12,672	3	0	3	97					
			LCCO	11,394	2	0	3	87	12,235	2	0	3	93	12,311	2	0	3	94					
			RCCO	11,394	2	0	3	87	12,235	2	0	3	93	12,311	2	0	3	94					
	1000 mA	209 W	T1S	20,095	3	0	3	96	21,579	3	0	3	103	21,714	3	0	3	104					
			T2S	20,720	3	0	3	99	22,249	3	0	3	106	22,388	3	0	3	107					
			T2M	20,245	3	0	3	97	21,740	3	0	3	104	21,876	3	0	3	105					
			T3S	20,220	3	0	3	97	21,713	3	0	3	104	21,849	3	0	3	105					
			T3M	20,404	3	0	3	98	21,910	3	0	4	105	22,047	3	0	4	105					
			T4M	20,681	3	0	3	99	22,207	3	0	4	106	22,346	3	0	4	107					
			TFTM	20,372	3	0	3	97	21,876	3	0	4	105	22,013	3	0	4	105					
			TSVS	21,521	4	0	1	103	23,110	4	0	1	111	23,254	4	0	1	111					
			T5S	21,679	4	0	1	104	23,280	4	0	1	111	23,425	4	0	1	112					
			T5M	21,717	4	0	2	104	23,321	5	0	3	112	23,466	5	0	3	112					
			TSW	21,399	4	0	3	102	22,979	5	0	3	110	23,122	5	0	3	111					
			BLC	15,487	2	0	2	74	16,630	2	0	2	80	16,734	2	0	3	80					
			LCCO	15,046	2	0	3	72	16,157	2	0	3	77	16,258	2	0	3	78					
			RCCO	15,046	2	0	3	72	16,157	2	0	3	77	16,258	2	0	3	78					

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

L90 and R90 Rotated Optics

LEDs	Drive Current (mA)	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
60C (60 LEDs)	530 mA	99 W	T1S	11,569	2	0	2	117	12,423	2	0	2	125	12,501	2	0	2	126	7,167	2	0	2	72
			T2S	11,928	2	0	2	120	12,809	3	0	3	129	12,889	3	0	3	130	7,507	2	0	2	76
			T2M	11,655	2	0	2	118	12,516	2	0	3	126	12,594	2	0	3	127	7,263	2	0	2	73
			T3S	11,641	2	0	2	118	12,500	2	0	2	126	12,579	2	0	2	127	7,424	2	0	2	75
			T3M	11,747	2	0	2	119	12,614	2	0	2	127	12,693	2	0	2	128	7,387	2	0	2	75
			T4M	11,906	2	0	2	120	12,785	2	0	2	129	12,865	2	0	2	130	7,400	2	0	2	75
			TFTM	11,728	2	0	2	118	12,594	2	0	3	127	12,673	2	0	3	128	7,288	1	0	2	74
			TSVS	12,390	3	0	1	125	13,305	3	0	1	134	13,388	3	0	1	135	7,734	3	0	1	78
			T5S	12,481	3	0	1	126	13,402	3	0	1	135	13,486	3	0	1	136	7,641	3	0	0	77
			T5M	12,503	3	0	2	126	13,426	4	0	2	136	13,510	4	0	2	136	7,737	3	0	2	78
			TSW	12,320	4	0	2	124	13,229	4	0	2	134	13,312	4	0	2	134	7,522	3	0	2	76
			BLC	9,212	1	0	2	93	9,892	1	0	2	100	9,954	1	0	2	101					
			LCCO	8,950	1	0	2	90	9,611	2	0	2	97	9,671	2	0	2	98					
			RCCO	8,950	1	0	2	90	9,611	2	0	2	97	9,671	2	0	2	98					
	700 mA	131 W	T1S	14,694	2	0	2	112	15,779	3	0	3	120	15,877	3	0	3	121	8,952	2	0	2	68
			T2S	15,150	3	0	3	116	16,269	3	0	3	124	16,370	3	0	3	125	9,377	2	0	2	72
			T2M	14,803	2	0	3	113	15,896	3	0	3	121	15,995	3	0	3	122	9,072	2	0	2	69
			T3S	14,785	2	0	2	113	15,877	3	0	3	121	15,976	3	0	3	122	9,273	2	0	2	71
			T3M	14,919	2	0	2	114	16,021	3	0	3	122	16,121	3	0	3	123	9,227	2	0	2	70
			T4M	15,122	2	0	2	115	16,238	3	0	3	124	16,340	3	0	3	125	9,243	2	0	2	71
			TFTM	14,896	2	0	3	114	15,996	2	0	3	122	16,096	2	0	3	123	9,103	2	0	2	69
			TSVS	15,736	3	0	1	120	16,898	4	0	1	129	17,004	4	0	1	130	9,661	3	0	1	74
			T5S	15,852	3	0	1	121	17,022	4	0	1	130	17,129	4	0	1	131	9,544	3	0	1	73
			T5M	15,880	4	0	2	121	17,052	4	0	2	130	17,159	4	0	2	131	9,665	3	0	2	74
			TSW	15,647	4	0	2	119	16,802	4	0	2	128	16,907	4	0	2	129	9,395	4	0	2	72
			BLC	11,728	1	0	2	90	12,594	1	0	2	96	12,672	3	0	3	97					
			LCCO	11,394	2	0	3	87	12,235	2	0	3	93	12,311	2	0	3	94					
			RCCO	11,394	2	0	3	87	12,235	2	0	3	93	12,311	2	0	3	94					
	1000 mA	209 W	T1S	20,095	3	0	3	96	21,579	3	0	3	103	21,714	3	0	3	104					
			T2S	20,720	3	0	3	99	22,249	3	0	3	106	22,388	3	0	3	107					
			T2M	20,245	3	0	3	97	21,740	3	0	3	104	21,876	3	0	3	105					
			T3S	20,220	3	0	3	97	21,713	3	0	3	104	21,849	3	0	3	105					
			T3M	20,404	3	0	3	98	21,910	3	0	4	105	22,047	3	0	4	105					
			T4M	20,681	3	0	3	99	22,207	3	0	4	106	22,346	3	0	4	107					
			TFTM	20,372	3	0	3	97	21,876	3	0	4	105	22,013	3	0	4	105					
			TSVS	21,521	4	0	1	103	23,110	4	0	1	111	23,254	4	0	1	111					
			T5S	21,679	4	0	1	104	23,280	4	0	1	111	23,425	4	0	1	112					
			T5M	21,717	4	0	2	104	23,321	5	0	3	112	23,466	5	0	3	112					
			TSW	21,399	4	0	3	102	22,979	5	0	3	110	23,122	5	0	3	111					
			BLC	15,487	2	0	2	74	16,630	2	0	2	80	16,734	2	0	3	80					
			LCCO	15,046	2	0	3	72	16,157	2	0	3	77	16,258	2	0	3	78					
			RCCO	15,046	2	0	3	72	16,157	2	0	3	77	16,258	2	0	3	78					

FEATURES & SPECIFICATIONS

INTENDED USE

The sleek design of the D-Series Size 1 reflects the embedded high performance LED technology. It is ideal for many commercial and municipal applications, such as parking lots, plazas, campuses, and streetscapes.

CONSTRUCTION

Single-piece die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. Modular design allows for ease of maintenance and future light engine upgrades. The LED drivers are mounted in direct contact with the casting to promote low operating temperature and long life. Housing is completely sealed against moisture and environmental contaminants (IP65). Low EPA (1.01 ft²) for optimized pole wind loading.

FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Available in both textured and non-textured finishes.

OPTICS

Precision-molded proprietary acrylic lenses are engineered for superior area lighting distribution, uniformity, and pole spacing. Light engines are available in standard 3000 K, 4000 K and 5000 K (70 CRI) or optional 3000 K (70 minimum CRI) or 5000 K (70 CRI) configurations. The D-Series Size 1 has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL

Light engine configurations consist of 30, 40 or 60 high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L99/100,000 hours at

25°C). Class 1 electronic drivers are designed to have a power factor >90%, THD <20%, and an expected life of 100,000 hours with <1% failure rate. Easily serviceable 10kV or 6kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

INSTALLATION

Included mounting block and integral arm facilitate quick and easy installation. Stainless steel bolts fasten the mounting block securely to poles and walls, enabling the D-Series Size 1 to withstand up to a 3.0 G vibration load rating per ANSI C136.31. The D-Series Size 1 utilizes the AERIS™ series pole drilling pattern (template #8). Optional terminal block and NEMA photocontrol receptacle are also available.

LISTINGS

UL Listed for wet locations. Light engines are IP66 rated; luminaire is IP65 rated. Rated for -40°C minimum ambient. U.S. Patent No. D672,492 S. International patent pending.

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org to confirm which versions are qualified.

WARRANTY

5-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.





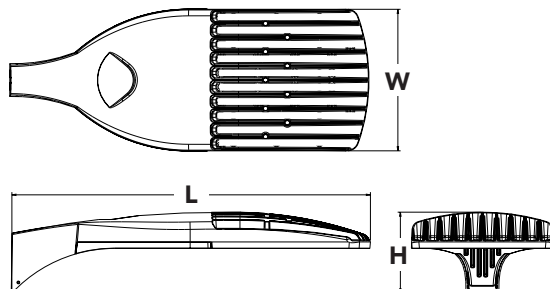
D-Series Size 1 LED Area Luminaire

d#series



Specifications

EPA:	1.01 ft ² (0.09 m ²)
Length:	33" (83.8 cm)
Width:	13" (33.0 cm)
Height:	7-1/2" (19.0 cm)
Weight (max):	27 lbs (12.2 kg)



A+ Capable options indicated by this color background.

Catalog
Number

Notes

Type

P2 FIXTURE

Hit the Tab key or mouse over the page to see all interactive elements.

A+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and system-level interoperability.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is A+ Certified when ordered with DTL® controls marked by a shaded background. DTL DLL equipped luminaires meet the A+ specification for luminaire to photocontrol interoperability¹
- This luminaire is part of an A+ Certified solution for ROAM®2 or XPoint™ Wireless control networks, providing out-of-the-box control compatibility with simple commissioning, when ordered with drivers and control options marked by a shaded background¹

To learn more about A+, visit www.acuitybrands.com/aplus.

- See ordering tree for details.
- A+ Certified Solutions for ROAM require the order of one ROAM node per luminaire. Sold Separately: [Link to Roam](#); [Link to DTL DLL](#)

Ordering Information

EXAMPLE: DSX1 LED 60C 1000 40K T3M MVOLT SPA DDBXD

Series	LEDs	Drive current	Color temperature	Distribution	Voltage	Mounting
DSX1 LED	Forward optics 30C 30 LEDs (one engine) 40C 40 LEDs (two engines) 60C 60 LEDs (two engines) Rotated optics¹ 60C 60 LEDs (two engines)	530 530 mA 700 700 mA 1000 1000 mA (1 A)	30K 3000 K 40K 4000 K 50K 5000 K AMBPC Amber phosphor converted ²	T1S Type I short T2S Type II short T2M Type II medium T3S Type III short T3M Type III medium T4M Type IV medium TFTM Forward throw medium TSVS Type V very short T5S Type V short T5M Type V medium T5W Type V wide BLC Backlight control ^{2,3} LCCO Left corner cutoff ^{2,3} RCCO Right corner cutoff ^{2,3}	MVOLT ⁴ 120 ⁴ 208 ⁴ 240 ⁴ 277 ⁴ 347 ⁵ 480 ⁵	Shipped included SPA Square pole mounting RPA Round pole mounting WBA Wall bracket SPUMBA Square pole universal mounting adaptor ⁶ RPUMBA Round pole universal mounting adaptor ⁶ Shipped separately KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish) ⁷

Control options	Other options	Finish (required)
Shipped installed PER NEMA twist-lock receptacle only (no controls) ⁸ PER5 Five-wire receptacle only (no controls) ^{8,9} PER7 Seven-wire receptacle only (no controls) ^{8,9} DMG 0-10V dimming extend out back of housing for external control (no controls) ¹⁰ DCR Dimmable and controllable via ROAM® (no controls) ¹¹ DS Dual switching ^{12,13} PIR Bi-level, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 5fc ¹⁴ PIRH Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 5fc ¹⁴ PIR1FC3V Bi-level, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 1fc ¹⁴	PIRH1FC3V Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc ¹⁴ BL30 Bi-level switched dimming, 30% ^{13,15} BL50 Bi-level switched dimming, 50% ^{13,15} PNMTDD3 Part night, dim till dawn ¹⁶ PNMT5D3 Part night, dim 5 hrs ¹⁶ PNMT6D3 Part night, dim 6 hrs ¹⁶ PNMT7D3 Part night, dim 7 hrs ¹⁶ FAO Field adjustable output ¹⁷ Shipped installed HS House-side shield ¹⁸ WTB Utility terminal block ¹⁹ SF Single fuse (120, 277, 347V) ²⁰ DF Double fuse (208, 240, 480V) ²⁰ L90 Left rotated optics ²¹ R90 Right rotated optics ²¹ BS Bird spikes	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white



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Ordering Information

Controls & Shields

Accessories

Ordered and shipped separately.

DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V) ²²
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V) ²²
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V) ²²
DSHORT SBK U	Shorting cap ²²
DSX1HS 30C U	House-side shield for 30 LED unit ¹⁸
DSX1HS 40C U	House-side shield for 40 LED unit ¹⁸
DSX1HS 60C U	House-side shield for 60 LED unit ¹⁸
PUMBA DDBXD U*	Square and round pole universal mounting bracket (specify finish) ²³
KMA8 DDBXD U	Mast arm mounting bracket adaptor (specify finish) ⁷

For more control options, visit [DTL](#) and [ROAM](#) online.

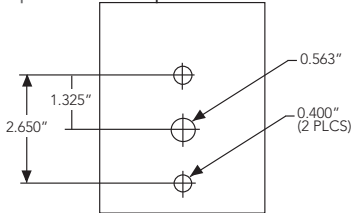
NOTES

- Rotated optics available with 60C only.
- Not available AMBPC, BLC, LCCO or RCCO.
- Not available with HS.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120V, 208V, 240V or 277V options only when ordering with fusing (SF, DF options).
- Not available with single board, 530mA product (30C 530 or 60C 530 DS). Not available with BL30, BL50 or PNMT options.
- Existing drilled pole only. Available as a separate combination accessory; for retrofit use only: PUMBA (finish) U; 1.5 G vibration load rating per ANCI C136.31.
- Must order fixture with SPA option. Must be ordered as a separate accessory; see Accessories information. For use with 2-3/8" mast arm (not included).
- Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Not available with DS option. Shorting Cap be order for correct operation when photocontrol is present.
- If ROAM[®] node required, it must be ordered and shipped as a separate line item from Acuity Brands Controls. Not available with DCR. Node with integral dimming.
- DMG option for 347V or 480V requires 1000mA.
- Specifies a ROAM[®] enabled luminaire with 0-10V dimming capability; PER option required. Additional hardware and services required for ROAM[®] deployment; must be purchased separately. Call 1-800-442-6745 or email: sales@roamservices.net. N/A with DS, PER5, PER7, BL30, BL50 or PNMT options. Node without integral dimming. Mvoltage only. Not available with 347V and 480V. Not available with PIRH1FC3V.
- Requires 40C or 60C. Provides 50/50 luminaire operation via two independent drivers on two separate circuits. N/A with PER, DCR, WTB, PIR or PIRH.
- Requires an additional switched circuit.
- PIR and PIR1FC3V specify the [SensorSwitch SBGR-10-ODP](#) control; PIRH and PIRH1FC3V specify the [SensorSwitch SBGR-6-ODP](#) control; see [Outdoor Control Technical Guide](#) for details. Dimming driver standard. Ambient sensor disabled when ordered with DCR. Separate on/off required. PIR and PIRH options are used with PER5 and PER7, additional leads from receptacle are terminated and non-functioning. When PIR and PIRH options are selected with DCR, old style ROAM node must be used or PIRH and PIRH will not function correctly.
- Dimming driver standard. MVOLT only. Not available with 347V, 480V, DCR, DS, PER5, PER7 or PNMT options. Not available with PIR1FC3V or PIRH1FC3V.
- Dimming driver standard. MVOLT only. Not available with 347V, 480V, DCR, DS, PER5, PER7, BL30 or BL50. Not available with PIR1FC3V or PIRH1FC3V. Separate on/off required.
- Dimming driver standard. Not available with PER5, PER7, DMG, DCR, DS, BL30, BL50 or PNMT, PIR, PIRH, PIR1FC3V or PIRH1FC3V.
- Not available with BLC, LCCO and RCCO distribution. Also available as a separate accessory; see Accessories information.
- WTB not available with DS.
- Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- Available with 60 LEDs (60C option) only.
- Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item from Acuity Brands Controls.
- For retrofit use only.

Drilling

Template #8

Top of Pole



DSX1 shares a unique drilling pattern with the AERIS[™] family. Specify this drilling pattern when specifying poles, per the table below.

DM19AS	Single unit	DM29AS	2 at 90°*
DM28AS	2 at 180°	DM39AS	3 at 90°*
DM49AS	4 at 90°*	DM32AS	3 at 120°**

Example: SSA 20 4C DM19AS DDBXD

Visit Lithonia Lighting's [POLES CENTRAL](#) to see our wide selection of poles, accessories and educational tools.

*Round pole top must be 3.25" O.D. minimum.

**For round pole mounting (RPA) only.

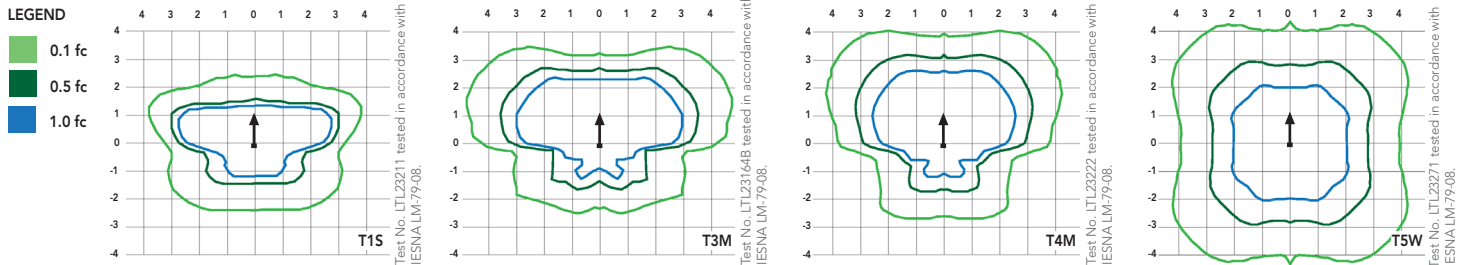
Tenon Mounting Slipfitter **

Tenon O.D.	Single Unit	2 at 180°	2 at 90°	3 at 120°	3 at 90°	4 at 90°
2-3/8"	AST20-190	AST20-280	AST20-290	AST20-320	AST20-390	AST20-490
2-7/8"	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [D-Series Area Size 1 homepage](#).

Isofootcandle plots for the DSX1 LED 60C 1000 40K. Distances are in units of mounting height (20').



Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.02
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	1.00
40°C	104°F	0.99

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a **25°C ambient**, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	DSX1 LED 60C 1000			
	1.0	0.98	0.96	0.91
	DSX1 LED 60C 700			
	1.0	0.99	0.99	0.99

Electrical Load

Number of LEDs	Drive Current (mA)	System Watts	Current (A)					
			120	208	240	277	347	480
30	530	52	0.52	0.30	0.26	0.23	--	--
	700	68	0.68	0.39	0.34	0.30	0.24	0.17
	1000	105	1.03	0.59	0.51	0.45	0.36	0.26
40	530	68	0.67	0.39	0.34	0.29	0.23	0.17
	700	89	0.89	0.51	0.44	0.38	0.31	0.22
	1000	138	1.35	0.78	0.67	0.58	0.47	0.34
60	530	99	0.97	0.56	0.48	0.42	0.34	0.24
	700	131	1.29	0.74	0.65	0.56	0.45	0.32
	1000	209	1.98	1.14	0.99	0.86	0.69	0.50

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Forward Optics

LEDs	Drive Current (mA)	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
30C (30 LEDs)	530 mA	52 W	T1S	5,948	1	0	1	114	6,387	1	0	1	123	6,427	1	0	1	124	3,640	1	0	1	70
			T2S	6,132	1	0	1	118	6,585	2	0	2	127	6,626	2	0	2	127	3,813	1	0	1	73
			T2M	5,992	1	0	2	115	6,434	1	0	2	124	6,475	1	0	2	125	3,689	1	0	1	71
			T3S	5,985	1	0	1	115	6,427	1	0	2	124	6,467	1	0	2	124	3,770	1	0	1	73
			T3M	6,039	1	0	2	116	6,485	1	0	2	125	6,525	1	0	2	125	3,752	1	0	1	72
			T4M	6,121	1	0	2	118	6,573	1	0	2	126	6,614	1	0	2	127	3,758	1	0	1	72
			TFTM	6,030	1	0	2	116	6,475	1	0	2	125	6,515	1	0	2	125	3,701	1	0	1	71
			TSVS	6,370	2	0	0	123	6,840	2	0	0	132	6,883	2	0	0	132	3,928	2	0	0	76
			T5S	6,417	2	0	0	123	6,890	2	0	0	133	6,933	2	0	0	133	3,881	2	0	0	75
			T5M	6,428	3	0	1	124	6,902	3	0	1	133	6,945	3	0	1	134	3,930	2	0	1	76
			TSW	6,334	3	0	1	122	6,801	3	0	1	131	6,844	3	0	1	132	3,820	3	0	1	73
			BLC	4,735	1	0	1	91	5,085	1	0	2	98	5,116	1	0	1	98					
			LCCO	4,600	1	0	2	88	4,940	1	0	2	95	4,971	1	0	2	96					
			RCCO	4,600	1	0	2	88	4,940	1	0	2	95	4,971	1	0	2	96					
	700 mA	68 W	T1S	7,554	1	0	1	111	8,112	2	0	2	119	8,163	2	0	2	120	4,561	1	0	1	67
			T2S	7,789	2	0	2	115	8,364	2	0	2	123	8,416	2	0	2	124	4,777	1	0	1	70
			T2M	7,610	1	0	2	112	8,172	2	0	2	120	8,223	2	0	2	121	4,622	1	0	2	68
			T3S	7,601	1	0	2	112	8,162	2	0	2	120	8,213	2	0	2	121	4,724	1	0	1	69
			T3M	7,670	1	0	2	113	8,236	2	0	2	121	8,288	2	0	2	122	4,701	1	0	2	69
			T4M	7,774	1	0	2	114	8,348	2	0	2	123	8,400	2	0	2	124	4,709	1	0	2	69
			TFTM	7,658	1	0	2	113	8,223	1	0	2	121	8,275	1	0	2	122	4,638	1	0	2	68
			TSVS	8,090	2	0	0	119	8,687	3	0	1	128	8,742	3	0	1	129	4,922	2	0	0	72
			T5S	8,150	2	0	0	120	8,751	3	0	0	129	8,806	3	0	0	130	4,863	2	0	0	72
			T5M	8,164	3	0	1	120	8,767	3	0	2	129	8,821	3	0	2	130	4,924	3	0	1	72
			TSW	8,044	3	0	1	118	8,638	3	0	2	127	8,692	3	0	2	128	4,787	3	0	1	70
			BLC	6,028	1	0	2	89	6,473	1	0	2	95	6,514	1	0	2	96					
			LCCO	5,856	1	0	2	86	6,289	1	0	2	92	6,328	1	0	2	93					
			RCCO	5,856	1	0	2	86	6,289	1	0	2	92	6,328	1	0	2	93					
	1000 mA	105 W	T1S	10,331	2	0	2	98	11,094	2	0	2	106	11,163	2	0	2	106					
			T2S	10,652	2	0	2	101	11,438	2	0	2	109	11,510	2	0	2	110					
			T2M	10,408	2	0	2	99	11,176	2	0	3	106	11,246	2	0	3	107					
			T3S	10,395	2	0	2	99	11,163	2	0	2	106	11,233	2	0	2	107					
			T3M	10,490	2	0	2	100	11,264	2	0	2	107	11,335	2	0	2	108					
			T4M	10,632	2	0	2	101	11,417	2	0	2	109	11,488	2	0	2	109					
			TFTM	10,473	2	0	2	100	11,247	2	0	3	107	11,317	2	0	3	108					
			TSVS	11,064	3	0	1	105	11,881	3	0	1	113	11,955	3	0	1	114					
			T5S	11,145	3	0	1	106	11,968	3	0	1	114	12,043	3	0	1	115					
			T5M	11,165	3	0	2	106	11,989	4	0	2	114	12,064	4	0	2	115					
			TSW	11,001	3	0	2	105	11,813	4	0	2	113	11,887	4	0	2	113					
			BLC	7,960	1	0	2	76	8,548	1	0	2	81	8,601	1	0	2	82					
			LCCO	7,734	1	0	2	74	8,305	1	0	2	79	8,357	1	0	2	80					
			RCCO	7,734	1	0	2	74	8,305	1	0	2	79	8,357	1	0	2	80					

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Forward Optics

LEDs	Drive Current (mA)	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
40C (40 LEDs)	530 mA	68 W	T1S	7,861	1	0	1	116	8,441	2	0	2	124	8,494	2	0	2	125	4,794	1	0	1	71
			T2S	8,105	2	0	2	119	8,704	2	0	2	128	8,758	2	0	2	129	5,021	1	0	1	74
			T2M	7,920	2	0	2	116	8,504	2	0	2	125	8,557	2	0	2	126	4,858	1	0	2	71
			T3S	7,910	1	0	2	116	8,494	2	0	2	125	8,547	2	0	2	126	4,966	1	0	1	73
			T3M	7,982	2	0	2	117	8,571	2	0	2	126	8,625	2	0	2	127	4,941	1	0	2	73
			T4M	8,090	1	0	2	119	8,687	2	0	2	128	8,741	2	0	2	129	4,950	1	0	2	73
			TFTM	7,969	1	0	2	117	8,558	2	0	2	126	8,611	2	0	2	127	4,875	1	0	2	72
			TSVS	8,419	2	0	0	124	9,040	3	0	1	133	9,097	3	0	1	134	5,174	2	0	0	76
			T5S	8,481	2	0	0	125	9,107	3	0	1	134	9,164	3	0	1	135	5,111	2	0	0	75
			T5M	8,496	3	0	1	125	9,123	3	0	2	134	9,180	3	0	2	135	5,175	3	0	1	76
			TSW	8,371	3	0	2	123	8,989	3	0	2	132	9,045	3	0	2	133	5,031	3	0	1	74
			BLC	6,255	1	0	2	92	6,717	1	0	2	99	6,759	1	0	2	99					
			LCCO	6,077	1	0	2	89	6,526	1	0	2	96	6,566	1	0	2	97					
			RCCO	6,077	1	0	2	89	6,526	1	0	2	96	6,566	1	0	2	97					
	700 mA	91 W	T1S	9,984	2	0	2	112	10,721	2	0	2	120	10,788	2	0	2	121	6,014	1	0	1	68
			T2S	10,294	2	0	2	116	11,054	2	0	2	124	11,123	2	0	2	125	6,299	2	0	2	71
			T2M	10,059	2	0	2	113	10,801	2	0	3	121	10,869	2	0	3	122	6,094	2	0	2	68
			T3S	10,046	2	0	2	113	10,788	2	0	2	121	10,855	2	0	2	122	6,229	1	0	2	70
			T3M	10,137	2	0	2	114	10,886	2	0	2	122	10,954	2	0	2	123	6,198	2	0	2	70
			T4M	10,275	2	0	2	115	11,033	2	0	2	124	11,102	2	0	2	125	6,209	1	0	2	70
			TFTM	10,122	2	0	2	114	10,869	2	0	2	122	10,937	2	0	2	123	6,115	1	0	2	69
			TSVS	10,693	3	0	1	120	11,482	3	0	1	129	11,554	3	0	1	130	6,490	2	0	0	73
			T5S	10,771	3	0	1	121	11,566	3	0	1	130	11,639	3	0	1	131	6,411	2	0	0	72
			T5M	10,790	3	0	2	121	11,587	4	0	2	130	11,659	4	0	2	131	6,492	3	0	1	73
			TSW	10,632	3	0	2	119	11,417	4	0	2	128	11,488	4	0	2	129	6,311	3	0	2	71
			BLC	7,963	1	0	2	89	8,551	1	0	2	96	8,605	1	0	2	97					
			LCCO	7,736	1	0	2	87	8,308	1	0	2	93	8,359	1	0	2	94					
			RCCO	7,736	1	0	2	87	8,308	1	0	2	93	8,359	1	0	2	94					
	1000 mA	138 W	T1S	13,655	2	0	2	99	14,663	3	0	3	106	14,754	3	0	3	107					
			T2S	14,079	2	0	2	102	15,118	3	0	3	110	15,212	3	0	3	110					
			T2M	13,756	2	0	3	100	14,772	3	0	3	107	14,864	3	0	3	108					
			T3S	13,739	2	0	2	100	14,754	2	0	2	107	14,846	3	0	3	108					
			T3M	13,864	2	0	2	100	14,888	3	0	3	108	14,981	3	0	3	109					
			T4M	14,052	2	0	2	102	15,090	3	0	3	109	15,184	3	0	3	110					
			TFTM	13,842	2	0	3	100	14,864	2	0	3	108	14,957	2	0	3	108					
			TSVS	14,623	3	0	1	106	15,703	4	0	1	114	15,801	4	0	1	115					
			T5S	14,731	3	0	1	107	15,818	3	0	1	115	15,917	3	0	1	115					
			T5M	14,757	4	0	2	107	15,846	4	0	2	115	15,945	4	0	2	116					
			TSW	14,540	4	0	2	105	15,614	4	0	2	113	15,711	4	0	2	114					
			BLC	10,516	1	0	2	76	11,292	1	0	2	82	11,363	1	0	2	82					
			LCCO	10,216	2	0	3	74	10,971	2	0	3	80	11,039	2	0	3	80					
			RCCO	10,216	2	0	3	74	10,971	2	0	3	80	11,039	2	0	3	80					

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Forward Optics

LEDs	Drive Current (mA)	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
60C (60 LEDs)	530 mA	99 W	T1S	11,569	2	0	2	117	12,423	2	0	2	125	12,501	2	0	2	126	7,167	2	0	2	72
			T2S	11,928	2	0	2	120	12,809	3	0	3	129	12,889	3	0	3	130	7,507	2	0	2	76
			T2M	11,655	2	0	2	118	12,516	2	0	3	126	12,594	2	0	3	127	7,263	2	0	2	73
			T3S	11,641	2	0	2	118	12,500	2	0	2	126	12,579	2	0	2	127	7,424	2	0	2	75
			T3M	11,747	2	0	2	119	12,614	2	0	2	127	12,693	2	0	2	128	7,387	2	0	2	75
			T4M	11,906	2	0	2	120	12,785	2	0	2	129	12,865	2	0	2	130	7,400	2	0	2	75
			TFTM	11,728	2	0	2	118	12,594	2	0	3	127	12,673	2	0	3	128	7,288	1	0	2	74
			TSVS	12,390	3	0	1	125	13,305	3	0	1	134	13,388	3	0	1	135	7,734	3	0	1	78
			T5S	12,481	3	0	1	126	13,402	3	0	1	135	13,486	3	0	1	136	7,641	3	0	0	77
			T5M	12,503	3	0	2	126	13,426	4	0	2	136	13,510	4	0	2	136	7,737	3	0	2	78
			TSW	12,320	4	0	2	124	13,229	4	0	2	134	13,312	4	0	2	134	7,522	3	0	2	76
			BLC	9,212	1	0	2	93	9,892	1	0	2	100	9,954	1	0	2	101					
			LCCO	8,950	1	0	2	90	9,611	2	0	2	97	9,671	2	0	2	98					
			RCCO	8,950	1	0	2	90	9,611	2	0	2	97	9,671	2	0	2	98					
	700 mA	131 W	T1S	14,694	2	0	2	112	15,779	3	0	3	120	15,877	3	0	3	121	8,952	2	0	2	68
			T2S	15,150	3	0	3	116	16,269	3	0	3	124	16,370	3	0	3	125	9,377	2	0	2	72
			T2M	14,803	2	0	3	113	15,896	3	0	3	121	15,995	3	0	3	122	9,072	2	0	2	69
			T3S	14,785	2	0	2	113	15,877	3	0	3	121	15,976	3	0	3	122	9,273	2	0	2	71
			T3M	14,919	2	0	2	114	16,021	3	0	3	122	16,121	3	0	3	123	9,227	2	0	2	70
			T4M	15,122	2	0	2	115	16,238	3	0	3	124	16,340	3	0	3	125	9,243	2	0	2	71
			TFTM	14,896	2	0	3	114	15,996	2	0	3	122	16,096	2	0	3	123	9,103	2	0	2	69
			TSVS	15,736	3	0	1	120	16,898	4	0	1	129	17,004	4	0	1	130	9,661	3	0	1	74
			T5S	15,852	3	0	1	121	17,022	4	0	1	130	17,129	4	0	1	131	9,544	3	0	1	73
			T5M	15,880	4	0	2	121	17,052	4	0	2	130	17,159	4	0	2	131	9,665	3	0	2	74
			TSW	15,647	4	0	2	119	16,802	4	0	2	128	16,907	4	0	2	129	9,395	4	0	2	72
			BLC	11,728	1	0	2	90	12,594	1	0	2	96	12,672	3	0	3	97					
			LCCO	11,394	2	0	3	87	12,235	2	0	3	93	12,311	2	0	3	94					
			RCCO	11,394	2	0	3	87	12,235	2	0	3	93	12,311	2	0	3	94					
	1000 mA	209 W	T1S	20,095	3	0	3	96	21,579	3	0	3	103	21,714	3	0	3	104					
			T2S	20,720	3	0	3	99	22,249	3	0	3	106	22,388	3	0	3	107					
			T2M	20,245	3	0	3	97	21,740	3	0	3	104	21,876	3	0	3	105					
			T3S	20,220	3	0	3	97	21,713	3	0	3	104	21,849	3	0	3	105					
			T3M	20,404	3	0	3	98	21,910	3	0	4	105	22,047	3	0	4	105					
			T4M	20,681	3	0	3	99	22,207	3	0	4	106	22,346	3	0	4	107					
			TFTM	20,372	3	0	3	97	21,876	3	0	4	105	22,013	3	0	4	105					
			TSVS	21,521	4	0	1	103	23,110	4	0	1	111	23,254	4	0	1	111					
			T5S	21,679	4	0	1	104	23,280	4	0	1	111	23,425	4	0	1	112					
			T5M	21,717	4	0	2	104	23,321	5	0	3	112	23,466	5	0	3	112					
			TSW	21,399	4	0	3	102	22,979	5	0	3	110	23,122	5	0	3	111					
			BLC	15,487	2	0	2	74	16,630	2	0	2	80	16,734	2	0	3	80					
			LCCO	15,046	2	0	3	72	16,157	2	0	3	77	16,258	2	0	3	78					
			RCCO	15,046	2	0	3	72	16,157	2	0	3	77	16,258	2	0	3	78					

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

L90 and R90 Rotated Optics

LEDs	Drive Current (mA)	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
60C (60 LEDs)	530 mA	99 W	T1S	11,569	2	0	2	117	12,423	2	0	2	125	12,501	2	0	2	126	7,167	2	0	2	72
			T2S	11,928	2	0	2	120	12,809	3	0	3	129	12,889	3	0	3	130	7,507	2	0	2	76
			T2M	11,655	2	0	2	118	12,516	2	0	3	126	12,594	2	0	3	127	7,263	2	0	2	73
			T3S	11,641	2	0	2	118	12,500	2	0	2	126	12,579	2	0	2	127	7,424	2	0	2	75
			T3M	11,747	2	0	2	119	12,614	2	0	2	127	12,693	2	0	2	128	7,387	2	0	2	75
			T4M	11,906	2	0	2	120	12,785	2	0	2	129	12,865	2	0	2	130	7,400	2	0	2	75
			TFTM	11,728	2	0	2	118	12,594	2	0	3	127	12,673	2	0	3	128	7,288	1	0	2	74
			TSVS	12,390	3	0	1	125	13,305	3	0	1	134	13,388	3	0	1	135	7,734	3	0	1	78
			T5S	12,481	3	0	1	126	13,402	3	0	1	135	13,486	3	0	1	136	7,641	3	0	0	77
			T5M	12,503	3	0	2	126	13,426	4	0	2	136	13,510	4	0	2	136	7,737	3	0	2	78
			TSW	12,320	4	0	2	124	13,229	4	0	2	134	13,312	4	0	2	134	7,522	3	0	2	76
			BLC	9,212	1	0	2	93	9,892	1	0	2	100	9,954	1	0	2	101					
			LCCO	8,950	1	0	2	90	9,611	2	0	2	97	9,671	2	0	2	98					
			RCCO	8,950	1	0	2	90	9,611	2	0	2	97	9,671	2	0	2	98					
	700 mA	131 W	T1S	14,694	2	0	2	112	15,779	3	0	3	120	15,877	3	0	3	121	8,952	2	0	2	68
			T2S	15,150	3	0	3	116	16,269	3	0	3	124	16,370	3	0	3	125	9,377	2	0	2	72
			T2M	14,803	2	0	3	113	15,896	3	0	3	121	15,995	3	0	3	122	9,072	2	0	2	69
			T3S	14,785	2	0	2	113	15,877	3	0	3	121	15,976	3	0	3	122	9,273	2	0	2	71
			T3M	14,919	2	0	2	114	16,021	3	0	3	122	16,121	3	0	3	123	9,227	2	0	2	70
			T4M	15,122	2	0	2	115	16,238	3	0	3	124	16,340	3	0	3	125	9,243	2	0	2	71
			TFTM	14,896	2	0	3	114	15,996	2	0	3	122	16,096	2	0	3	123	9,103	2	0	2	69
			TSVS	15,736	3	0	1	120	16,898	4	0	1	129	17,004	4	0	1	130	9,661	3	0	1	74
			T5S	15,852	3	0	1	121	17,022	4	0	1	130	17,129	4	0	1	131	9,544	3	0	1	73
			T5M	15,880	4	0	2	121	17,052	4	0	2	130	17,159	4	0	2	131	9,665	3	0	2	74
			TSW	15,647	4	0	2	119	16,802	4	0	2	128	16,907	4	0	2	129	9,395	4	0	2	72
			BLC	11,728	1	0	2	90	12,594	1	0	2	96	12,672	3	0	3	97					
			LCCO	11,394	2	0	3	87	12,235	2	0	3	93	12,311	2	0	3	94					
			RCCO	11,394	2	0	3	87	12,235	2	0	3	93	12,311	2	0	3	94					
	1000 mA	209 W	T1S	20,095	3	0	3	96	21,579	3	0	3	103	21,714	3	0	3	104					
			T2S	20,720	3	0	3	99	22,249	3	0	3	106	22,388	3	0	3	107					
			T2M	20,245	3	0	3	97	21,740	3	0	3	104	21,876	3	0	3	105					
			T3S	20,220	3	0	3	97	21,713	3	0	3	104	21,849	3	0	3	105					
			T3M	20,404	3	0	3	98	21,910	3	0	4	105	22,047	3	0	4	105					
			T4M	20,681	3	0	3	99	22,207	3	0	4	106	22,346	3	0	4	107					
			TFTM	20,372	3	0	3	97	21,876	3	0	4	105	22,013	3	0	4	105					
			TSVS	21,521	4	0	1	103	23,110	4	0	1	111	23,254	4	0	1	111					
			T5S	21,679	4	0	1	104	23,280	4	0	1	111	23,425	4	0	1	112					
			T5M	21,717	4	0	2	104	23,321	5	0	3	112	23,466	5	0	3	112					
			TSW	21,399	4	0	3	102	22,979	5	0	3	110	23,122	5	0	3	111					
			BLC	15,487	2	0	2	74	16,630	2	0	2	80	16,734	2	0	3	80					
			LCCO	15,046	2	0	3	72	16,157	2	0	3	77	16,258	2	0	3	78					
			RCCO	15,046	2	0	3	72	16,157	2	0	3	77	16,258	2	0	3	78					

FEATURES & SPECIFICATIONS

INTENDED USE

The sleek design of the D-Series Size 1 reflects the embedded high performance LED technology. It is ideal for many commercial and municipal applications, such as parking lots, plazas, campuses, and streetscapes.

CONSTRUCTION

Single-piece die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. Modular design allows for ease of maintenance and future light engine upgrades. The LED drivers are mounted in direct contact with the casting to promote low operating temperature and long life. Housing is completely sealed against moisture and environmental contaminants (IP65). Low EPA (1.01 ft²) for optimized pole wind loading.

FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Available in both textured and non-textured finishes.

OPTICS

Precision-molded proprietary acrylic lenses are engineered for superior area lighting distribution, uniformity, and pole spacing. Light engines are available in standard 3000 K, 4000 K and 5000 K (70 CRI) or optional 3000 K (70 minimum CRI) or 5000 K (70 CRI) configurations. The D-Series Size 1 has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL

Light engine configurations consist of 30, 40 or 60 high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L99/100,000 hours at

25°C). Class 1 electronic drivers are designed to have a power factor >90%, THD <20%, and an expected life of 100,000 hours with <1% failure rate. Easily serviceable 10kV or 6kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

INSTALLATION

Included mounting block and integral arm facilitate quick and easy installation. Stainless steel bolts fasten the mounting block securely to poles and walls, enabling the D-Series Size 1 to withstand up to a 3.0 G vibration load rating per ANSI C136.31. The D-Series Size 1 utilizes the AERIS™ series pole drilling pattern (template #8). Optional terminal block and NEMA photocontrol receptacle are also available.

LISTINGS

UL Listed for wet locations. Light engines are IP66 rated; luminaire is IP65 rated. Rated for -40°C minimum ambient. U.S. Patent No. D672,492 S. International patent pending.

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org to confirm which versions are qualified.

WARRANTY

5-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.



FEATURES & SPECIFICATIONS

INTENDED USE — Round tapered fiberglass general purpose pole for up to 45 foot mounting heights.

CONSTRUCTION — Reinforced composite shaft incorporating "E" type fiberglass and pigmented, UV inhibiting, thermosetting polyester resin. Shaft is painted with a polyurethane top coat providing a minimum 1.5 dry film thickness and smooth surface finish.

Heavy-duty, A356-T6 aluminum base casting is permanently bonded to the outside of the fiberglass shaft.

An oval, non-metallic, 2-1/2" x 5" handhole secured with a vandal resistant, stainless steel 1/4" socket-head screw.

Removable top cap provided with all drill-mount poles.

Base cover not included. Available as an optional accessory.

Fasteners are high-strength galvanized, zinc-plated or stainless steel.

FINISH — Must specify finish.

ANCHOR BOLTS — Top portion of anchor bolt is galvanized per ASTM A-153. Made of steel rod having a minimum yield strength of 55,000 psi. Each anchor bolt is furnished with two hex nuts and two flat washers.

Catalog Number	
Notes	Type P1 P2

Anchor Base Poles

RTF

ROUND TAPERED FIBERGLASS



ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: RTF 25 6-7X DM19 DDB

RTF							
Series	Nominal fixture mounting height	Nominal shaft base size/wall thickness	Mounting ¹		Options		Finish ⁷
RTF	45 feet (See back page.)	(See back page.)	<u>Tenon mounting</u>		<u>Shipped installed</u>		<u>Standard colors</u>
			PT	Open top (post-top only)	L/AB	Less anchor bolts	DDB Dark bronze
			T20	2-3/8" O.D. (2" NPS)	FBC	Full base cover	DWH White
			T25	2-7/8" O.D. (2-1/2" NPS)	TP	Tamper proof	DBL Black
			<u>Drill mounting²</u>		H1-18FFxx	Horizontal arm bracket (1 fixture) ^{3,5}	DMB Medium bronze
			DM19	1 at 90°	FDLxx	Festoon outlet less electrical ³	DNA Natural aluminum
			DM28	2 at 180°			
			DM28PL	2 at 180° with one side plugged			
			DM29	2 at 90°	CPL12xx	1/2" coupling ³	<u>Classic colors</u>
			DM32	3 at 120°	CPL34xx	3/4" coupling ³	DSS Sandstone
			DM39	3 at 90°	CPL1xx	1" coupling ³	DGC Charcoal gray
			DM49	4 at 90°	NPL12xx	1/2" threaded nipple ³	DTG Tennis green
			<u>AERIS™/OMERO™ Drill mounting²</u>		NPL34xx	3/4" threaded nipple ³	DBR Bright red
			DM19AS	1 at 90°	NPL1xx	1" threaded nipple ³	DSB Steel blue
			DM28AS	2 at 180°	EHHxx	Extra handhole ^{3,6}	<u>Architectural colors</u> (powder finish) ⁷
			DM29AS	2 at 90°			
			DM32AS	3 at 120°			
			DM39AS	3 at 90°			
			DM49AS	4 at 90°			
			<u>AERIS™ Suspend drill mounting^{2,4}</u>				
			DM19AST_	1 at 90°			
			DM28AST_	2 at 180°			
			DM29AST_	2 at 90°			
			DM32AST_	3 at 120°			
			DM39AST_	3 at 90°			
			DM49AST_	4 at 90°			
			<u>OMERO™ Suspend drill mounting^{2,4}</u>				
			DM19MRT_	1 at 90°			
			DM28MRT_	2 at 180°			
			DM29MRT_	2 at 90°			
			DM32MRT_	3 at 120°			
			DM39MRT_	3 at 90°			
			DM49MRT_	4 at 90°			

NOTES:

- When ordering tenon mounting and drill mounting for the same pole, follow this example: DM28/T20. The combination includes a required extra handhole.
- The drilling template to be used for a particular luminaire depends on the luminaire that is used. Refer to the Technical Data Section of the Outdoor Binder for Drilling Templates.
- Specify location and orientation when ordering option.
For 1st "x": Specify the height in feet above base of pole.
Example: 5ft = 5 and 20ft = 20
For 2nd "x": Specify orientation from handhole (A,B,C,D)
Refer to the Handhole Orientation diagram on this page.
- Insert "1" or "2" to designated fixture size; e.g. DM19AST2.
- Horizontal arm is 18" x 2-3/8" O.D. tenon standard.
- Combination of tenon-top and drill mount includes extra handhole.
- Finish must be specified. Additional colors available; see www.lithonia.com/archcolors or Architectural Colors brochure (Form No. 794.3).

IMPORTANT INSTALLATION NOTES:

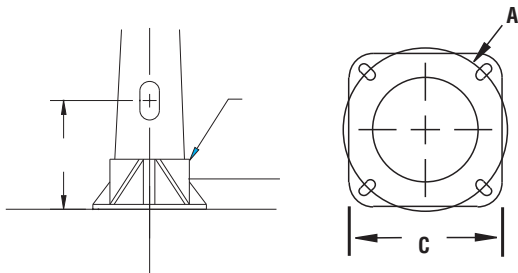
- Do not erect poles without having fixtures installed.
- Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use factory template.
- If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage.
- Lithonia Lighting is not responsible for the foundation design.

RTF Round Tapered Fiberglass Poles

TECHNICAL INFORMATION

Catalog Number	Nominal mounting height (feet)	Pole Shaft Size(in x in x ft)	EPA (ft ²) with 1.3 gust			Max. weight	Bolt circle (inches)	Bolt size (in. x in. x in.)	Approximate ship weight (pounds)
			80 mph	90 mph	100 mph				
RTF 10 5-4X	10	5.4 x 4.1 x 10	19.0	14.6	11.4	150	8	.625 x 21 x 3	23
RTF 12 5-6X	12	5.6 x 4.1 x 12	16.0	12.1	9.3	150	8.5	.625 x 21 x 3	28
RTF 14 5-9X	14	5.9 x 4.1 x 14	14.0	10.4	7.9	150	8.5	.625 x 21 x 3	32
RTF 16 6-1X	16	6.1 x 4.1 x 16	10.0	7.4	5.5	100	8.5	.625 x 21 x 3	36
RTF 20 6-6X	20	6.6 x 4.1 x 20	8.2	5.8	4.1	100	9.5	.625 x 21 x 3	45
RTF 20 7-3X	20	7.3 x 4.6 x 20	14.4	11.1	8.9	200	11.5	1 x 36 x 4	62
RTF 25 6-7X	25	6.7 x 4.1 x 25	5.4	3.4	2.0	100	9.5	.625 x 21 x 3	55
RTF 25 7-3X	25	7.3 x 4.6 x 25	9.6	7.3	5.7	200	11.5	1 x 36 x 4	75
RTF 30 8-4X	30	8.4 x 4.7 x 30	11.2	8.5	6.7	100	11.5	1 x 36 x 4	106
RTF 30 8-5X	30	8.5 x 4.9 x 30	15.6	12.0	9.5	200	11.5	1 x 36 x 4	140
RTF 30 10-5X	30	10.5 x 6.6 x 30	28.7	22.4	17.4	300	14.5	1.25 x 42 x 6	202
RTF 35 8-4X	35	8.4 x 4.7 x 35	5.5	3.8	2.7	100	11.5	1 x 36 x 4	125
RTF 35 8-5X	35	8.5 x 4.9 x 35	8.5	6.2	4.7	200	11.5	1 x 36 x 4	161
RTF 35 11-2X	35	11.2 x 6.6 x 35	21.8	16.6	12.5	300	15	1-.25 x 42 x 6	248
RTF 40 11-7X	40	11.7 x 6.2 x 40	6.4	4.3	2.4	300	15.5	1-.25 x 42 x 6	165
RTF 40 11-8X	40	11.8 x 6.4 x 40	12.2	8.8	6.0	300	15.5	1-.25 x 42 x 6	227
RTF 40 12X	40	12.0 x 6.9 x 40	25.8	19.3	14.3	300	15.5	1-.25 x 42 x 6	317
RTF 45 11-7X	45	11.7 x 6.2 x 45	3.9	2.2	0.6	300	15.5	1-.25 x 42 x 6	183
RTF 45 11-9X	45	11.9 x 6.6 x 45	15.2	10.9	7.6	300	15.5	1-.25 x 42 x 6	295

BASE DETAIL



IMPORTANT:

- These specifications are intended for general purposes only. Lithonia reserves the right to change material or design, without prior notice, in a continuing effort to upgrade its products.

POLE DATA

Shaft base size	Bolt circle A	Bolt projection B	Base square C	Template description	Anchor bolt description
5.4"	8"	3"	7.75"	ABTEMPLATE PJ50108	AB21-0
5.6"	8.5"	3"	8.125"	ABTEMPLATE PJ50109	AB21-0
5.9"	8.5"	3"	8.125"	ABTEMPLATE PJ50110	AB21-0
6.1"	8.5"	3"	8.125"	ABTEMPLATE PJ50111	AB21-0
6.6"	9.5"	3"	8.8"	ABTEMPLATE PJ50112	AB21-0
6.7"	9.5"	3"	8.8"	ABTEMPLATE PJ50113	AB21-0
7.3"	11.5"	4"	11"	ABTEMPLATE PJ50114	AB36-0
8.4"	11.5"	4"	11"	ABTEMPLATE PJ50115	AB36-0
8.5"	11.5"	4"	11"	ABTEMPLATE PJ50116	AB36-0
10.5"	14.5"	4"	13.3"	ABTEMPLATE PJ50117	AB42-0
11.2"	15"	4"	13.5"	ABTEMPLATE PJ50118	AB42-0
11.7"	15.5"	4"	14"	ABTEMPLATE PJ50119	AB42-0
11.8"	15.5"	4"	14"	ABTEMPLATE PJ50120	AB42-0
11.9"	15.5"	4"	14"	ABTEMPLATE PJ50121	AB42-0
12.0"	15.5"	4"	14"	ABTEMPLATE PJ50122	AB42-0

ASW1 LED

LED Wall Luminaire



AERIS™

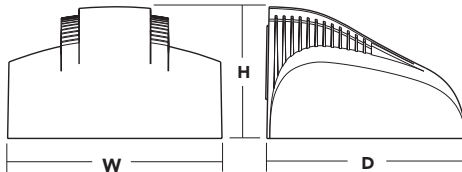
Specifications

Width: 15"
(38.1 cm)

Depth: 13-3/4"
(34.9 cm)

Height: 9-1/4"
(25.5 cm)

Weight (max): 34 lbs
(15.4 kg)

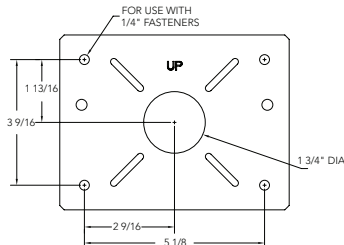


Ordering Information

EXAMPLE: ASW1 LED 42C 700 40K SR4 MVOLT DDBTXD

ASW1 LED						
Series	LEDs	Drive Current	Color temperature	Distribution	Voltage	Mounting
ASW1 LED	42C 42 LEDs (one engine)	350 350mA 530 530mA 700 700mA	30K 3000 K 40K 4000 K 50K 5000 K	SR2 Type II SR3 Type III SR4 Type IV	MVOLT ¹ 277 ¹ 120 ¹ 347 208 ¹ 480 240 ¹	Shipped included (blank) Surface mount Shipped separately BBW Surface-mounted back box (for conduit entry) ²
Control Options				Other Options		Finish (required)
Shipped installed PE Photoelectric cell, button type ³ BL30 Bi-level switched dimming, 30% ^{4,5} BL50 Bi-level switched dimming, 50% ^{4,5} PNMTDD3 Part night, dim till dawn ⁵ PNMT5D3 Part night, dim 5 hrs ⁵ PNMT6D3 Part night, dim 6 hrs ⁵ PNMT7D3 Part night, dim 7 hrs ⁵ DMG 0-10V dimming driver (no controls) ⁶				Shipped installed SF Single fuse (120, 277, 347V) ¹ DF Double fuse (208, 240, 480V) ¹ DFL Diffusing lens Shipped separately² VG Vandal guard WG Wire guard		DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white

Drilling



Accessories

Ordered and shipped separately.

ASW1BBW DDBXD U	Back box accessory (specify finish)
ASW1WG U	Wire guard accessory
ASW1VG U	Vandal guard accessory

NOTES

- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Single fuse (SF) requires 120 or 277 voltage option. Double fuse (DF) requires 208 or 240 voltage option.
- Also available as a separate accessory; see Accessories information at left.
- Photocontrol (PE) requires 120, 208, 240, 277 or 347 voltage option. Must be ordered with fixture; cannot be field installed.
- Requires an additional switched line.
- Dimming driver standard. Not available with 347V or 480V.
- Not available with 347V, 480V, BL30, BL50 or PNMT options.



Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Light Engines	Drive Current (mA)	System Watts	Dist. Type	40 K (4000 K, 70 CRI)				
				Nominal Lumens	B	U	G	LPW
42C (42 LEDs)	350	49W	SR2	4,013	1	0	1	82
			SR3	3,998	1	0	1	82
			SR4	3,971	1	0	1	81
	530	75W	SR2	7,140	2	0	2	95
			SR3	7,114	1	0	2	95
			SR4	7,066	1	0	1	94
	700	98W	SR2	8,564	2	0	2	87
			SR3	8,533	2	0	2	87
			SR4	8,476	2	0	2	86

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.06
10°C	50°F	1.04
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.96

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the **ASW1 LED 42C 700** platform in a **25°C ambient**, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

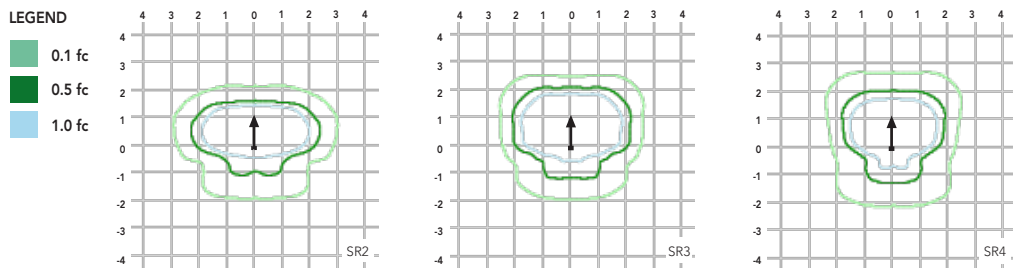
To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	0.96	0.92	0.85

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [ASW1 LED homepage](#).

Isofootcandle plots are considered to be representative of available optical distributions.



FEATURES & SPECIFICATIONS

INTENDED USE

The ASW1 LED is a high performance, high efficacy, long life luminaire that is ideally suited for lighting building entries, walk ways and surrounding areas adjacent to commercial exteriors.

CONSTRUCTION

Single-piece, die-cast aluminum housing. Die-cast doorframe has impact-resistant, tempered glass lens. Doorframe is fully sealed with a closed-cell silicone gasket.

FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling.

OPTICS

Precision-molded refractive acrylic lenses housed behind the door frame lens are available in three distributions. Light engines are available in standard 4000 K or optional 3000 K or 5000 K (70 CRI) configurations.

ELECTRICAL

Light engine consists of 42 high-efficacy LEDs mounted to a metal-core circuit board and aluminum heat sink, ensuring optimal thermal management and long life. Class 1 electronic driver has a power factor >90%, THD <20%, and has an expected life of 100,000 hours with <1% failure rate. Easily-serviceable surge protection device meets a minimum Category C Low (per ANSI/IEEE C62.41.2).

INSTALLATION

Universal mounting plate with integral mounting bolts supports the fixture for easy, one-person installation. Suitable for downward orientation only.

LISTINGS

CSA certified to U.S. and Canadian standards. Luminaire is IP65 rated. **US. Patent No. D500,569. Canada Patent No. 107561.**

WARRANTY

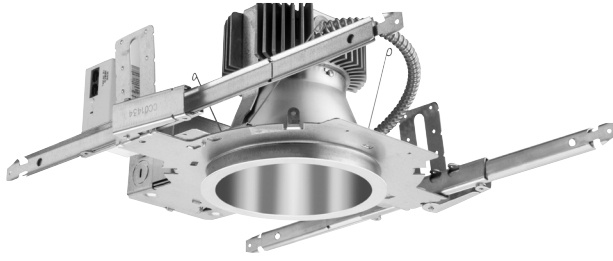
Five year limited warranty. Full warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx.

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice..





Luminaire Type:
Catalog Number
(autopopulated):



Gotham Architectural Downlighting
LED Downlights

6" Evo®
Downlight

Solid-State Lighting



FEATURES

OPTICAL SYSTEM

- Self-flanged or flangeless semi-specular, matte-diffuse or specular finishing trim
- Patented Bounding Ray™ optical design (U.S. Patent No. 5,800,050)
- 45° cutoff to source and source image
- Top-down flash characteristic
- Polycarbonate lens integral to light engine

MECHANICAL SYSTEM

- 16-gauge galvanized steel construction; maximum 1-1/2" ceiling thickness
- Telescopic mounting bars maximum of 32" and minimum of 15", preinstalled, 4" vertical adjustment
- Toolless adjustments post installation
- Junction box capacity: 8 (4 in, 4 out) 12AWG rated for 90°C
- Light engine and driver accessible through aperture
- Injection molded mud ring included with flangeless trims. Ships separately. Installs independently of the mounting frame to reduce cracks in plaster due to vibration.

ELECTRICAL SYSTEM

- Fully serviceable and upgradeable lensed LED light engine
- 70% lumen maintenance at 60,000 hours
- Tested according to LM-79 and LM-80 standards
- Overload and short circuit protected
- 2.5 SDCM; 85 CRI typical, 90+ CRI optional

LISTINGS

- Fixtures are CSA certified to meet US and Canadian standards; wet location, covered ceiling

WARRANTY

- 5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C.

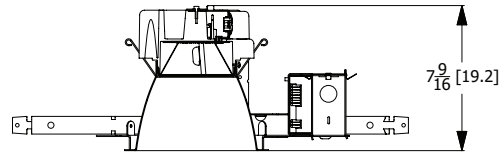
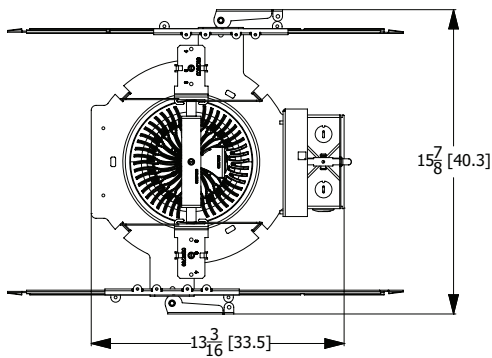
EXAMPLE: EVO 35/10 6AR MWD LSS MVOLT EZ1

Series	Color temperature	Nominal lumen values	Aperture/Trim color	Trim Style	Distribution	Finish	Voltage
EVO	27/ 2700 K	10 1000 lumens	6AR Clear	(blank) Self-flanged	MD Medium (0.9 s/mh)	LSS Semi-specular	MVOLT
	30/ 3000 K	15 1500 lumens	6PR Pewter	FL Flangeless	MWD Medium wide (1.0 s/mh)	LD Matte-diffuse	120
	35/ 3500 K	20 2000 lumens	6WTR Wheat		WD Wide (1.2 s/mh)	LS Specular	277
	40/ 4000 K	25 2500 lumens	6GR Gold				347 ²
		30 3000 lumens	6WR ¹ White				
		35 3500 lumens	6BR ¹ Black				
		40 4000 lumens	6WRAMF ¹ White anti-microbial				
		45 4500 lumens					

Driver ³	Options
EZ10 eldoLED ECOdrive 0-10v dimming driver. Minimum dimming level 10% EZ1 eldoLED ECOdrive 0-10V dimming driver. Minimum dimming level 1% EZB eldoLED SOLOdrive 0-10V dimming driver. Minimum dimming level <1%. EDAB eldoLED SOLOdrive DALI dimming driver. Minimum dimming level <1%. EDXB eldoLED POWERdrive DMX with RDM (remote device management). Minimum dimming level <1%. Includes termination resistor. Refer to DMXR Manual . EXA1 XPoint Wireless, eldoLED ECOdrive 1% dimming, 0-10V. Refer to XPoint tech sheet. EXAB XPoint Wireless, eldoLED SOLOdrive <1% dimming, 0-10V. Refer to XPoint tech sheet. ECOS2^{4,5} Lutron® Hi-Lume® 2-wire forward-phase dimming driver. Minimum dimming level 1%. Minimum lumen 1000/Maximum lumen 3000. ECOS3^{4,5} Lutron® Hi-Lume® 3-wire or EcoSystem® dimming driver. Minimum dimming level 1%. Minimum lumen 1000/Maximum lumen 4500.	SF Single fuse. Specify 120V or 277V. TRW⁶ White painted flange TRBL⁷ Black painted flange EL⁸ Emergency battery pack with integral test switch ELR⁸ Emergency battery pack with remote test switch NPS80EZ⁵ nLight® dimming pack controls 0-10V eldoLED drivers. NPS80EZER^{5,9} nLight® dimming pack controls 0-10V eldoLED drivers. ER controls fixtures on emergency circuit. BGTD Bodine generator transfer device. Specify 120V or 277V. CR190 High CRI (90+) CP¹⁰ Chicago plenum. Specify 120V or 277V. RRL RELOC®-ready luminaire connectors enable a simple and consistent factory installed option across all ABL luminaire brands. Refer to RRL for complete nomenclature.

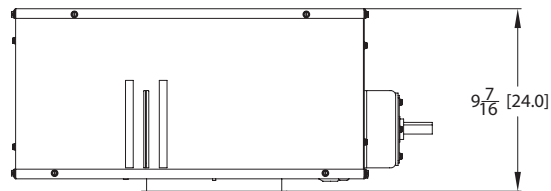
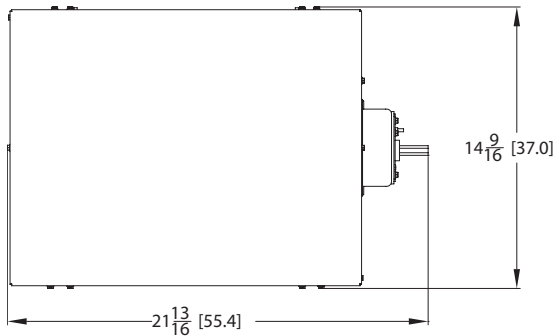
ORDERING INFORMATION

All dimensions are inches (centimeters) unless otherwise noted.



Aperture: 6-1/4" (15.9)
Ceiling Opening: 7-1/8" (18.1) self-flanged
7-1/4" (18.4) flangeless
Overlap trim: 7-1/2" (19.1)

DIMENSIONS FOR CHICAGO PLENUM



WATTAGE CONSUMPTION MATRIX			
LUMENS	LM ACTUAL	WATTAGE	LUMENS per WATT
1000	1,059	11.8	90.1
1500	1,572	18.5	85.0
2000	2,058	23.2	88.9
2500	2,612	29.5	88.5
3000	3,077	36.6	84.1
3500	3,591	42.1	85.3
4000	4,046	48.1	84.2
4500	4,555	46.9	97.1

EMERGENCY LUMEN OUTPUT		
LUMENS	WATTAGE	INITIAL OUTPUT
1000	9.6	1000
1500	9.6	1000
2000	9.6	1000
2500	9.6	1000
3000	9.6	1000
3500	9.6	1000
4000	9.6	1000
4500	9.6	1000

ACCESSORIES order as separate catalog numbers (shipped separately)

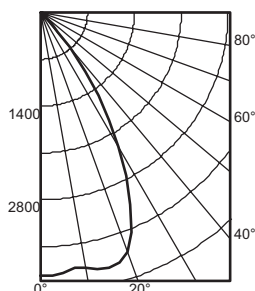
SCA6	Sloped ceiling adapter. Degree of slope must be specified (5D, 10D, 15D, 20D, 25D, 30D). Ex: SCA6 10D. Refer to TECH-190 .
CTA4-8 YK	Ceiling thickness adapter (extends mounting frame to accommodate ceiling thickness up to 5"). Adds ~4" to fixture height.
GVRT	Vandal-resistant trim accessory. Refer to TECH-200 .
ISD BC	0-10V wallbox dimmer. Refer to ISD-BC .

ORDERING NOTES	
1. Not available with finishes.	7. Not available with black reflector. Not applicable with FL option.
2. Not available with EL or ELR options.	8. For dimensional changes, refer to TECH-140 . Not available with 347V.
3. Refer to TECH-240 for compatible dimmers.	9. For use with generator supply EM power. Will require an emergency hot feed and normal hot feed.
4. Not available with nLight [®] and XPoint options.	10. ELR not available. CP & ECOS2 - 3000 lumen max. CP & ECOS3 - 4000 lumen max. CP, ECOS2/ECOS3 & EL - 2000 lumen max.
5. Specify voltage. ECOS2 not available in 277V.	
6. Not available with white reflector. Not applicable with FL option.	

Distribution Curve	Distribution Data	Output Data	Coefficient of Utilization	Illuminance: Single Luminaire 30" Above Floor
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EVO 35/40 6AR LS

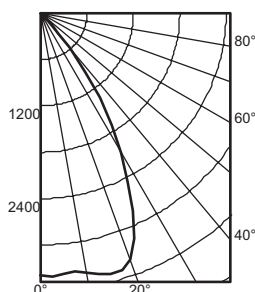
INPUT WATTS: 48.1, DELIVERED LUMENS: 4046, LM/W=84.1 , 1.03 S/MH, TEST NO. LTL27768



Ave	Lumens	Zone	Lumens	% Lamp	pf	pc	pw	80%	20%	50%
0	3935	0° - 30°	2904.3	71.8	0	119	119	119	116	116
5	3901	0° - 40°	3830.0	94.7	1	111	108	106	109	106
15	3944	0° - 60°	4043.4	99.9	2	103	99	96	101	98
25	3172	0° - 90°	4046.3	100.0	3	96	91	87	95	90
35	1508	90° - 180°	0.0	0.0	4	90	84	80	89	84
45	221	0° - 180°	4046.3	*100.0	5	84	78	74	83	78
55	6				6	79	73	69	78	73
65	2				7	74	68	64	73	68
75	1				8	70	64	60	69	63
85	0				9	66	60	56	65	60
90	0				10	62	56	52	62	56

EVO 35/35 6AR LS

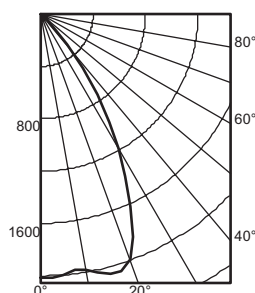
INPUT WATTS: 42.1, DELIVERED LUMENS: 3591, LM/W=85.3, 1.05 S/MH, TEST NO. LTL27767



Ave	Lumens	Zone	Lumens	% Lamp	pf	pc	pw	80%	20%	50%
0	3400	0° - 30°	2579.3	71.8	0	119	119	119	116	116
5	3390	0° - 40°	3399.8	94.7	1	111	108	106	109	106
15	3497	0° - 60°	3586.3	99.9	2	103	99	96	101	98
25	2830	0° - 90°	3590.5	100.0	3	96	91	87	95	90
35	1335	90° - 180°	0.0	0.0	4	90	84	80	89	84
45	193	0° - 180°	3590.5	*100.0	5	84	78	74	83	78
55	5				6	79	73	69	78	73
65	2				7	74	68	64	73	68
75	1				8	70	64	60	69	63
85	1				9	66	60	56	65	60
90	1				10	62	56	52	62	56

EVO 35/20 6AR LS

INPUT WATTS: 23.2, DELIVERED LUMENS: 2058, LM/W=88.7, 1.02 S/MH, TEST NO. LTL27777



Ave	Lumens	Zone	Lumens	% Lamp	pf	pc	pw	80%	20%	50%
0	2018	0° - 30°	1498.5	72.8	0	119	119	119	116	116
5	1997	0° - 40°	1958.0	95.1	1	111	108	106	109	107
15	2053	0° - 60°	2056.6	99.9	2	103	99	96	102	98
25	1618	0° - 90°	2058.3	100.0	3	96	92	88	95	91
35	749	90° - 180°	0.0	0.0	4	90	85	81	89	84
45	105	0° - 180°	2058.3	*100.0	5	84	79	74	83	78
55	3				6	79	73	69	78	73
65	1				7	74	68	64	73	68
75	0				8	70	64	60	69	63
85	0				9	66	60	56	65	60
90	0				10	62	57	53	62	56

LUMEN OUTPUT MULTIPLIER - CRI	
CRI	FACTOR
80 CRI	1
90 CRI	0.79

LUMEN OUTPUT MULTIPLIER - CCT	
CRI	FACTOR
4000 K	1.035
3500 K	1
3000 K	0.973
2700 K	0.938

LUMEN OUTPUT MULTIPLIER - TRIM FINISH						
FINISH	CLEAR (AR)	PEWTER (PR)	WHEAT (WTR)	GOLD (GR)	WHITE (WR/WRAMF)	BLACK (BR)
Specular (LS)	1.00	0.88	0.83	0.95	N/A	N/A
Semi-specular (LSS)	0.95	0.84	0.79	0.90	N/A	N/A
Matte-diffuse (LD)	0.85	0.73	0.69	0.80	N/A	N/A
Paint	N/A	N/A	N/A	N/A	0.87	0.73

PHOTOMETRY NOTES

- Tested in accordance with IESNA LM-79-08.
- Tested to current IES and NEMA standards under stabilized laboratory conditions.
- CRI: 85 typical.

Choose Wall Controls.

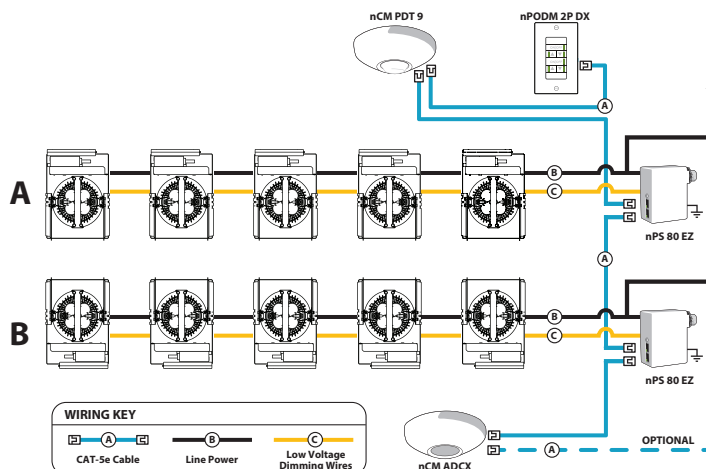
nLIGHT offers multiple styles of wall controls – each with varying features and user experience.



Push-Button WallPod
Traditional tactile buttons and LED user feedback



Graphic WallPod
Full color touch screen provides a sophisticated look and feel



EXAMPLE

Group Fixture Control*

*Application diagram applies for fixtures with eldoLED drivers only.

nPS 80 EZ Dimming/Control Pack (qty 2 required)

nPODM 2P DX Dual On/Off/Dim Push-Button WallPod

nCM ADCX Daylight Sensor with Automatic Dimming Control

nCM PDT 9 Dual Technology Occupancy Sensor

Description: This design provides a dual on/off/dim wall station that enables manual control of the fixtures in Row A and Row B separately. Additionally, a daylight harvesting sensor is provided so the lights in row B can be configured to dim automatically when daylight is available. An occupancy sensor turns off all lights when the space is vacant.

nLight® Control Accessories:

Order as separate catalog number. Visit www.sensorswitch.com/nLight for complete listing of nLight controls.

WallPod stations	Model number	Occupancy sensors	Model number
On/Off	nPODM [color]	Small motion 360°, ceiling (PIR / dual tech)	nCM 9 / nCM PDT 9
On/Off & Raise/Lower	nPODM DX [color]	Large motion 360°, ceiling (PIR / dual tech)	nCM 10 / nCM PDT 10
Graphic Touchscreen	nPOD GFX [color]	Wide view (PIR / dual tech)	nWV 16 / nWV PDT 16
Photocell controls	Model number	Wall Switch w/ Raise/Lower (PIR / dual tech)	nWSX LV DX / nWSX PDT LV DX
Dimming	nCM ADCX	Cat-5 cables (plenum rated)	Model number
		10', CAT5 10FT	CAT5 10FT J1
		15', CAT5 15FT	CAT5 15FT J1

FEATURES & SPECIFICATIONS

INTENDED USE — General illumination for rough service (vandal-resistant) applications. Ideal for interior or exterior applications where safety and security are a concern such as retail, under canopies, gas stations and bank drive thru's. **Certain airborne contaminants can diminish integrity of acrylic.** [Click here for Acrylic Environmental Compatibility table for suitable uses.](#)

CONSTRUCTION — Housing: 16-gauge cold-rolled steel.

Door: 16-gauge cold-rolled steel door, secured by either stainless steel tamper-resistant Torx® T-20 or standard stainless steel slotted hex-head screws (four of each included).

Finish: Post-painted after fabrication in white polyester powder coat for high reflectance, durability and corrosion resistance.

OPTICS — Multiple lens options available. Choose from .125" polycarbonate, white or clear, or flat and drop dish glass lenses. For maximum lumens use the less lens option.

ELECTRICAL — Light engine(s) consist of 10 high-efficacy LEDs mounted to a metal core circuit board and integral aluminum heat sinks to maximize heat dissipation and promote long life (50,000 hrs at 25°C, L70). Class 2 electronic driver has a power factor >90%, THD <20%. 0 to 10V dimming standard. Easily-serviceable surge protection device meets a minimum Category B (per ANSI/IEEE C62.41.2).

INSTALLATION — Separate yoke mounting frame provided with adjustable brackets for use with C-channel bar hangers, which are not included.

LISTINGS — CSA certified to UL and C-UL standards. Luminaire is rated for wet locations in covered-ceiling applications and IP65 rated for glass lens and less lens options only. Rated for 25°C ambient temperatures.

WARRANTY — 5-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

For installed Rough Service Product(s), Acuity warrants that, for the lifetime of the product(s), the polycarbonate lens and/or polycarbonate housing will withstand breakage resulting from occasional physical abuse and rough handling (the "Rough Service Warranty"), notwithstanding the vandalism exclusion set forth at www.acuitybrands.com/CustomerResources/Terms_and_Conditions.aspx

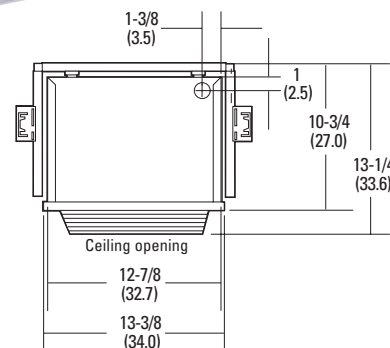
Actual performance may differ as a result of end-user environment and application.

Note: Specifications subject to change without notice.

Catalog Number
Notes
Type J1 FIXTURE

Rough Service LED Recessed Fixture

VRR LED



All dimensions are shown in inches (centimeters) unless otherwise noted.

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: VRR LED 3L CP 120

VRR LED	/									
Series	Lumens/Color temperature ¹				Lens		Voltage ³		Options	
VRR LED	1L	1500 lumens	(blank)	4000K, 70 CRI	CPP	Clear prismatic polycarbonate	120	120V	ALDF	Aluminum door frame
	3L	3000 lumens	50	5000K, 70 CRI	WPP	White prismatic polycarbonate	277	277V	BSL722	Bodine® emergency LED battery pack for 0°C and up ⁴
					DHL	Drop Holophane® glass ²			BSL722C	Bodine® emergency LED battery pack for -20°C and up ⁴
	4L	4000 lumens			FHL	Flat Holophane® glass ²			DIM	Pre-wired for 0-10V low voltage dimming (100%- 10%)
					L/LENS	Less lens			L/SP	Less surge protector
									SF	Single fuse ³

Accessories: Order as separate catalog number.

RK1 T20BIT	Hex-base driver bit, Torx T20, for tamper-resistant screws with center reject pin.
RK1 T20DRV	Torx T20 screwdriver for use with tamper-resistant screws with center reject pin.
PF	Plaster frame; provides a clean edge for ceiling openings.
VRRGA	2' X 2' NEMA G grid adapter, textured white

Notes

- The CCT value provided is of lamp source and actual CCT will vary upon levels.
- Glass lenses must also order ALDF option.
- Must specify voltage.
- Available with 1L an 3L only.

LENS OPTIONS



Clear Prismatic Polycarbonate



Holophane Drop Glass



Holophane Flat Glass



White Polycarbonate



Less Lens

VRR LED Specification Matrix*					
Fixture	Color temperature	Lens option	System watts	Nominal lumens	Comparable fluorescent/HID
VRR LED 1L	4000	Less lens	26.0	2004	2/9TT, 2/13TT, 26TRT
VRR LED 1L	4000	CPP	26.0	1271	2/9TT, 2/13TT, 26TRT
VRR LED 1L	4000	WPP	26.0	788	2/9TT, 2/13TT, 26TRT
VRR LED 1L	4000	DHL	26.0	1604	2/9TT, 2/13TT, 26TRT
VRR LED 1L	4000	FHL	26.0	1596	2/9TT, 2/13TT, 26TRT
VRR LED 1L	5000	Less lens	26.2	2126	2/9TT, 2/13TT, 26TRT
VRR LED 1L	5000	CPP	26.2	1348	2/9TT, 2/13TT, 26TRT
VRR LED 1L	5000	WPP	26.2	836	2/9TT, 2/13TT, 26TRT
VRR LED 1L	5000	DHL	26.2	1702	2/9TT, 2/13TT, 26TRT
VRR LED 1L	5000	FHL	26.2	1592	2/9TT, 2/13TT, 26TRT
VRR LED 3L	4000	Less lens	49.8	4071	2/18DTT, 2/26TRT, 32TRT, 42TRT, 70M
VRR LED 3L	4000	CPP	47.4	2582	2/18DTT, 2/26TRT, 32TRT, 42TRT, 70M
VRR LED 3L	4000	WPP	47.4	1601	2/18DTT, 2/26TRT, 32TRT, 42TRT, 70M
VRR LED 3L	4000	DHL	47.4	3333	2/18DTT, 2/26TRT, 32TRT, 42TRT, 70M
VRR LED 3L	4000	FHL	47.4	3242	2/18DTT, 2/26TRT, 32TRT, 42TRT, 70M
VRR LED 3L	5000	Less lens	50.2	4320	2/18DTT, 2/26TRT, 32TRT, 42TRT, 70M
VRR LED 3L	5000	CPP	49.7	2739	2/18DTT, 2/26TRT, 32TRT, 42TRT, 70M
VRR LED 3L	5000	WPP	49.7	1699	2/18DTT, 2/26TRT, 32TRT, 42TRT, 70M
VRR LED 3L	5000	DHL	49.7	3536	2/18DTT, 2/26TRT, 32TRT, 42TRT, 70M
VRR LED 3L	5000	FHL	49.7	3234	2/18DTT, 2/26TRT, 32TRT, 42TRT, 70M
VRR LED 4L	4000	Less lens	72.21	5842	2/32TRT, 2/42TRT, 70S, 100M
VRR LED 4L	4000	CPP	69.67	3705	2/32TRT, 2/42TRT, 70S, 100M
VRR LED 4L	4000	WPP	69.54	2298	2/32TRT, 2/42TRT, 70S, 100M
VRR LED 4L	4000	DHL	71.53	4678	2/32TRT, 2/42TRT, 70S, 100M
VRR LED 4L	4000	FHL	69.62	4652	2/32TRT, 2/42TRT, 70S, 100M
VRR LED 4L	5000	Less lens	72.77	6198	2/32TRT, 2/42TRT, 70S, 100M
VRR LED 4L	5000	CPP	73.06	3931	2/32TRT, 2/42TRT, 70S, 100M
VRR LED 4L	5000	WPP	73.06	2438	2/32TRT, 2/42TRT, 70S, 100M
VRR LED 4L	5000	DHL	73.06	4963	2/32TRT, 2/42TRT, 70S, 100M
VRR LED 4L	5000	FHL	73.06	4640	2/32TRT, 2/42TRT, 70S, 100M

* Calculations are estimated results for general informational purposes only. Results may vary depending on the application.

FEATURES & SPECIFICATIONS

INTENDED USE — General illumination for rough service (vandal-resistant) applications. Ideal for interior or exterior applications where safety and security are a concern such as retail, under canopies, gas stations and bank drive thru's. **Certain airborne contaminants can diminish integrity of acrylic.** [Click here for Acrylic Environmental Compatibility table for suitable uses.](#)

CONSTRUCTION — Housing: 16-gauge cold-rolled steel.

Door: 16-gauge cold-rolled steel door, secured by either stainless steel tamper-resistant Torx® T-20 or standard stainless steel slotted hex-head screws (four of each included).

Finish: Post-painted after fabrication in white polyester powder coat for high reflectance, durability and corrosion resistance.

OPTICS — Multiple lens options available. Choose from .125" polycarbonate, white or clear, or flat and drop dish glass lenses. For maximum lumens use the less lens option.

ELECTRICAL — Light engine(s) consist of 10 high-efficacy LEDs mounted to a metal core circuit board and integral aluminum heat sinks to maximize heat dissipation and promote long life (50,000 hrs at 25°C, L70). Class 2 electronic driver has a power factor >90%, THD <20%. 0 to 10V dimming standard. Easily-serviceable surge protection device meets a minimum Category B (per ANSI/IEEE C62.41.2).

INSTALLATION — Separate yoke mounting frame provided with adjustable brackets for use with C-channel bar hangers, which are not included.

LISTINGS — CSA certified to UL and C-UL standards. Luminaire is rated for wet locations in covered-ceiling applications and IP65 rated for glass lens and less lens options only. Rated for 25°C ambient temperatures.

WARRANTY — 5-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

For installed Rough Service Product(s), Acuity warrants that, for the lifetime of the product(s), the polycarbonate lens and/or polycarbonate housing will withstand breakage resulting from occasional physical abuse and rough handling (the "Rough Service Warranty"), notwithstanding the vandalism exclusion set forth at www.acuitybrands.com/CustomerResources/Terms_and_Conditions.aspx

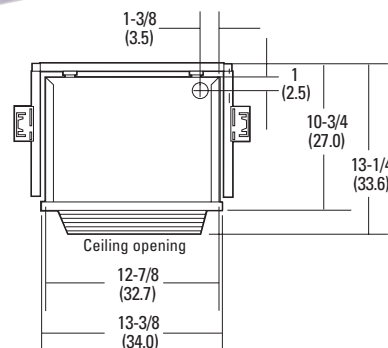
Actual performance may differ as a result of end-user environment and application.

Note: Specifications subject to change without notice.

Catalog Number	
Notes	
Type	J2 FIXTURE

Rough Service LED Recessed Fixture

VRR LED



All dimensions are shown in inches (centimeters) unless otherwise noted.

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: VRR LED 3L CP 120

VRR LED	/									
Series	Lumens/Color temperature ¹				Lens		Voltage ³		Options	
VRR LED	1L	1500 lumens	(blank)	4000K, 70 CRI	CPP	Clear prismatic polycarbonate	120	120V	ALDF	Aluminum door frame
	3L	3000 lumens	50	5000K, 70 CRI	WPP	White prismatic polycarbonate	277	277V	BSL722	Bodine® emergency LED battery pack for 0°C and up ⁴
	4L	4000 lumens			DHL	Drop Holophane® glass ²			BSL722C	Bodine® emergency LED battery pack for -20°C and up ⁴
					FHL	Flat Holophane® glass ²			DIM	Pre-wired for 0-10V low voltage dimming (100%- 10%)
					L/LENS	Less lens			L/SP	Less surge protector
									SF	Single fuse ¹

Accessories: Order as separate catalog number.

RK1 T20BIT	Hex-base driver bit, Torx T20, for tamper-resistant screws with center reject pin.
RK1 T20DRV	Torx T20 screwdriver for use with tamper-resistant screws with center reject pin.
PF	Plaster frame; provides a clean edge for ceiling openings.
VRRGA	2' X 2' NEMA G grid adapter, textured white

Notes

- The CCT value provided is of lamp source and actual CCT will vary upon levels.
- Glass lenses must also order ALDF option.
- Must specify voltage.
- Available with 1L an 3L only.

LENS OPTIONS



Clear Prismatic Polycarbonate



Holophane Drop Glass



Holophane Flat Glass



White Polycarbonate



Less Lens

VRR LED Specification Matrix*					
Fixture	Color temperature	Lens option	System watts	Nominal lumens	Comparable fluorescent/HID
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VRR LED 1L	4000	CPP	26.0	1271	2/9TT, 2/13TT, 26TRT
VRR LED 1L	4000	WPP	26.0	788	2/9TT, 2/13TT, 26TRT
VRR LED 1L	4000	DHL	26.0	1604	2/9TT, 2/13TT, 26TRT
VRR LED 1L	4000	FHL	26.0	1596	2/9TT, 2/13TT, 26TRT
VRR LED 1L	5000	Less lens	26.2	2126	2/9TT, 2/13TT, 26TRT
VRR LED 1L	5000	CPP	26.2	1348	2/9TT, 2/13TT, 26TRT
VRR LED 1L	5000	WPP	26.2	836	2/9TT, 2/13TT, 26TRT
VRR LED 1L	5000	DHL	26.2	1702	2/9TT, 2/13TT, 26TRT
VRR LED 1L	5000	FHL	26.2	1592	2/9TT, 2/13TT, 26TRT
VRR LED 3L	4000	Less lens	49.8	4071	2/18DTT, 2/26TRT, 32TRT, 42TRT, 70M
VRR LED 3L	4000	CPP	47.4	2582	2/18DTT, 2/26TRT, 32TRT, 42TRT, 70M
VRR LED 3L	4000	WPP	47.4	1601	2/18DTT, 2/26TRT, 32TRT, 42TRT, 70M
VRR LED 3L	4000	DHL	47.4	3333	2/18DTT, 2/26TRT, 32TRT, 42TRT, 70M
VRR LED 3L	4000	FHL	47.4	3242	2/18DTT, 2/26TRT, 32TRT, 42TRT, 70M
VRR LED 3L	5000	Less lens	50.2	4320	2/18DTT, 2/26TRT, 32TRT, 42TRT, 70M
VRR LED 3L	5000	CPP	49.7	2739	2/18DTT, 2/26TRT, 32TRT, 42TRT, 70M
VRR LED 3L	5000	WPP	49.7	1699	2/18DTT, 2/26TRT, 32TRT, 42TRT, 70M
VRR LED 3L	5000	DHL	49.7	3536	2/18DTT, 2/26TRT, 32TRT, 42TRT, 70M
VRR LED 3L	5000	FHL	49.7	3234	2/18DTT, 2/26TRT, 32TRT, 42TRT, 70M
VRR LED 4L	4000	Less lens	72.21	5842	2/32TRT, 2/42TRT, 70S, 100M
VRR LED 4L	4000	CPP	69.67	3705	2/32TRT, 2/42TRT, 70S, 100M
VRR LED 4L	4000	WPP	69.54	2298	2/32TRT, 2/42TRT, 70S, 100M
VRR LED 4L	4000	DHL	71.53	4678	2/32TRT, 2/42TRT, 70S, 100M
VRR LED 4L	4000	FHL	69.62	4652	2/32TRT, 2/42TRT, 70S, 100M
VRR LED 4L	5000	Less lens	72.77	6198	2/32TRT, 2/42TRT, 70S, 100M
VRR LED 4L	5000	CPP	73.06	3931	2/32TRT, 2/42TRT, 70S, 100M
VRR LED 4L	5000	WPP	73.06	2438	2/32TRT, 2/42TRT, 70S, 100M
VRR LED 4L	5000	DHL	73.06	4963	2/32TRT, 2/42TRT, 70S, 100M
VRR LED 4L	5000	FHL	73.06	4640	2/32TRT, 2/42TRT, 70S, 100M

* Calculations are estimated results for general informational purposes only. Results may vary depending on the application.



SUWANNEE RIVER WATER MANAGEMENT DISTRICT

9225 CR 49 • LIVE OAK, FLORIDA 32060 • TELEPHONE 386/362-1001 • 800/226-1066 • FAX 386/362-1056
mysuwanneeriver.com

January 6, 2017

Brian Kitchens
VyStar Credit Union
4949 Blanding Boulevard
Jacksonville, FL 32110

SUBJECT: Permit Number ERP-001-221992-4
Alachua VyStar Credit Union

Dear Brian Kitchens:

Enclosed is your individual permit issued by the Suwannee River Water Management District on January 03, 2017. This permit is a legal document and should be kept with your other important documents. Permit issuance does not relieve you from the responsibility of obtaining any necessary permits from any federal, state, or local agencies for your project.

Noticing Your Permit:

For noticing instructions, please refer to the noticing materials in this package regarding closing the point of entry for someone to challenge the issuance of your permit. Please note that if a timely petition for administrative hearing is filed, your permit will become non-final and any activities that you choose to undertake pursuant to your permit will be at your own risk.

Compliance with Permit Conditions:

To submit your required permit compliance information, go to the District's website at <https://permitting.sjrwmd.com/srepermitting/jsp/start.jsp>. Click to sign-in to your existing account or to create a new account. Select the "Apply/Submit" tab, select "Submit Compliance Data", enter your permit number, and select "No Specific Date" for the Compliance Due Date Range. You will then be able to view all the compliance submittal requirements for your project. Select "the compliance item that you are ready to submit and then attach the appropriate information or form. The forms to comply with your permit conditions are available at floridaswater.com/permitting under the section "Handbooks, forms, fees, final orders". Click on forms to view all permit compliance forms, then scroll to the ERP application forms section and select the applicable compliance forms. Alternatively, if you have difficulty finding forms or need copies of the appropriate forms, please contact the Resource Management Division at (386) 362-1001.

Transferring Your Permit:

Your permit requires you to notify the District in writing within 30 days of any change in ownership or control of the project or activity covered by the permit, or within 30 days of any change in ownership or control of the real property on which the permitted project or activity is located or occurs. You will need to provide the District with the information specified in rule 62-330.340, Florida Administrative Code (F.A.C.). Generally, this will require you to complete and submit Form 62-330.340(1), "Request to Transfer Permit".

DON QUINCEY Chair
Chiefland, Florida

ALPHONAS ALEXANDER Vice Chair
Madison, Florida

VIRGINIA H. JOHNS Secretary/Treasurer
Alachua, Florida

KEVIN BROWN
Alachua, Florida

GARY F. JONES
Old Town, Florida

CHARLES KEITH
Lake City, Florida

VIRGINIA M. SANCHEZ
Old Town, Florida

RICHARD SCHWAB
Perry, Florida

BRADLEY WILLIAMS
Monticello, Florida

NOAH VALENSTEIN
Executive Director

Please note that a permittee is liable for compliance with the permit before the permit is transferred. The District, therefore, recommends that you request a permit transfer in advance in accordance with the applicable rules. You are encouraged to contact District staff for assistance with this process.

Thank you and please let us know if you have additional questions. For general questions contact us at (386) 362-1001.

Sincerely,



Noah Valenstein
Executive Director

Enclosures: Permit

cc: District Permit File



SUWANNEE RIVER WATER MANAGEMENT DISTRICT

9225 CR 49 • LIVE OAK, FLORIDA 32060 • TELEPHONE 386/362-1001 • 800/226-1066 • FAX 386/362-1056
mysuwanneeriver.com

ERP Individual Permit

PERMITTEE:

Brian Kitchens
VyStar Credit Union
4949 Blanding Boulevard
Jacksonville, FL 32110

PERMIT NUMBER: ERP-001-221992-4**DATE ISSUED:** January 03, 2017**DATE EXPIRES:** January 03, 2022**COUNTY:** Alachua**TRS:** S9 T8S R18E**PROJECT:** Alachua VyStar Credit Union

Upon completion, the approved entity to which operation and maintenance maybe transferred pursuant to rule 62-330.310 and 62-330.340 or 40B-4.1130, Florida Administrative Code (F.A.C) shall be:

Brian Kitchens
VyStar Credit Union
4949 Blanding Boulevard
Jacksonville, FL 32110

Based on the information provided to the Suwannee River Water Management District (District), the above mentioned project has met the conditions of issuance as found in subsection 62-330.301, subsections 62-330.407 through 62-330.635, or subsection 40B-4.3030, F.A.C. The permit is hereby in effect for the activity description below:

Construction and operation of a surfacewater management system serving 0.92 acres of impervious surface on a total project area of 2.04 acres, in a manner consistent with the application package submitted by Brian Kitchens, of VyStar Credit Union, and the plans certified by Harry Newkirk, of Newkirk Engineering Inc., on or before December 2, 2016.

As the permittee and/or operation and maintenance entity, it is your responsibility to ensure that adverse off-site impacts do not occur either during or after the construction. Any additional construction or alterations not authorized by this permit may result in flood control or water quality problems both on and off site and will be a violation of District rule.

You and any other substantially affected persons are entitled to request an administrative hearing or mediation. Please refer to the enclosed notice of rights.

1. All activities shall be implemented following the plans, specifications and performance criteria approved by this permit. Any deviations must be authorized in a permit modification in accordance with Rule 62-330.315, F.A.C. Any deviations that are not so authorized may subject the permittee to enforcement action and revocation of the permit under Chapter 373, F.S.
2. A complete copy of this permit shall be kept at the work site of the permitted activity during the construction phase, and shall be available for review at the work site upon request by the District staff. The permittee shall require the contractor to review the complete permit prior to beginning construction.
3. Activities shall be conducted in a manner that does not cause or contribute to violations of state water quality standards. Performance-based erosion and sediment control best management practices shall be installed immediately prior to, and be maintained during and after construction as needed, to prevent adverse impacts to the water resources and adjacent lands. Such practices shall be in accordance with the State of Florida Erosion and Sediment Control Designer and Reviewer Manual (Florida Department of Environmental Protection and Florida Department of Transportation June 2007), and the Florida Stormwater Erosion and Sedimentation Control Inspector's Manual (Florida Department of Environmental Protection, Nonpoint Source Management Section, Tallahassee, Florida, July 2008), which are both incorporated by reference in subparagraph 62-330.050(9)(b)5, F.A.C., unless a project-specific erosion and sediment control plan is approved or other water quality control measures are required as part of the permit.
4. At least 48 hours prior to beginning the authorized activities, the permittee shall submit to the District a fully executed Form 62-330.350(1), "Construction Commencement Notice,"[10-1-13], incorporated by reference herein (<http://www.flrules.org/Gateway/reference.asp?No=Ref-02505>), indicating the expected start and completion dates. A copy of this form may be obtained from the District, as described in subsection 62-330.010(5), F.A.C. If available, an District website that fulfills this notification requirement may be used in lieu of the form.
5. Unless the permit is transferred under Rule 62-330.340, F.A.C., or transferred to an operating entity under Rule 62-330.310, F.A.C., the permittee is liable to comply with the plans, terms and conditions of the permit for the life of the project or activity.
6. Within 30 days after completing construction of the entire project, or any independent portion of the project, the permittee shall provide the following to the Agency, as applicable:
 1. For an individual, private single-family residential dwelling unit, duplex, triplex, or quadruplex — "Construction Completion and Inspection Certification for Activities Associated With a Private Single-Family Dwelling Unit" [Form 62-330.310(3)]; or
 2. For all other activities — "As-Built Certification and Request for Conversion to Operational Phase" [Form 62-330.310(1)].

3. If available, an Agency website that fulfills this certification requirement may be used in lieu of the form.
7. If the final operation and maintenance entity is a third party:
 1. Prior to sales of any lot or unit served by the activity and within one year of permit issuance, or within 30 days of as-built certification, whichever comes first, the permittee shall submit, as applicable, a copy of the operation and maintenance documents (see sections 12.3 thru 12.3.3 of Volume I) as filed with the Department of State, Division of Corporations and a copy of any easement, plat, or deed restriction needed to operate or maintain the project, as recorded with the Clerk of the Court in the County in which the activity is located.
 2. Within 30 days of submittal of the as- built certification, the permittee shall submit "Request for Transfer of Environmental Resource Permit to the Perpetual Operation Entity" [Form 62-330.310(2)] to transfer the permit to the operation and maintenance entity, along with the documentation requested in the form. If available, an Agency website that fulfills this transfer requirement may be used in lieu of the form.
8. The permittee shall notify the District in writing of changes required by any other regulatory District that require changes to the permitted activity, and any required modification of this permit must be obtained prior to implementing the changes.
9. This permit does not:
 1. Convey to the permittee any property rights or privileges, or any other rights or privileges other than those specified herein or in Chapter 62-330, F.A.C.;
 2. Convey to the permittee or create in the permittee any interest in real property;
 3. Relieve the permittee from the need to obtain and comply with any other required federal, state, and local authorization, law, rule, or ordinance; or
 4. Authorize any entrance upon or work on property that is not owned, held in easement, or controlled by the permittee.
10. Prior to conducting any activities on state-owned submerged lands or other lands of the state, title to which is vested in the Board of Trustees of the Internal Improvement Trust Fund, the permittee must receive all necessary approvals and authorizations under Chapters 253 and 258, F.S. Written authorization that requires formal execution by the Board of Trustees of the Internal Improvement Trust Fund shall not be considered received until it has been fully executed.
11. The permittee shall hold and save the District harmless from any and all damages, claims, or liabilities that may arise by reason of the construction, alteration, operation, maintenance, removal, abandonment or use of any project authorized by the permit.
12. The permittee shall notify the District in writing:
 1. Immediately if any previously submitted information is discovered to be inaccurate; and
 2. Within 30 days of any conveyance or division of ownership or control of the property or the system, other than conveyance via a long-term lease, and the new owner

shall request transfer of the permit in accordance with Rule 62-330.340, F.A.C. This does not apply to the sale of lots or units in residential or commercial subdivisions or condominiums where the stormwater management system has been completed and converted to the operation phase.

13. Upon reasonable notice to the permittee, District staff with proper identification shall have permission to enter, inspect, sample and test the project or activities to ensure conformity with the plans and specifications authorized in the permit.
14. If any prehistoric or historic artifacts, such as pottery or ceramics, stone tools or metal implements, dugout canoes, or any other physical remains that could be associated with Native American cultures, or early colonial or American settlement are encountered at any time within the project site area, work involving subsurface disturbance in the immediate vicinity of such discoveries shall cease. The permittee or other designee shall contact the Florida Department of State, Division of Historical Resources, Compliance and Review Section, at (850) 245-6333 or (800) 847-7278, as well as the appropriate permitting agency office. Such subsurface work shall not resume without verbal or written authorization from the Division of Historical Resources. If unmarked human remains are encountered, all work shall stop immediately and notification shall be provided in accordance with Section 872.05, F.S.
15. Any delineation of the extent of a wetland or other surface water submitted as part of the permit application, including plans or other supporting documentation, shall not be considered binding unless a specific condition of this permit or a formal determination under Rule 62-330.201, F.A.C., provides otherwise.
16. The permittee shall provide routine maintenance of all components of the stormwater management system to remove trapped sediments and debris. Removed materials shall be disposed of in a landfill or other uplands in a manner that does not require a permit under Chapter 62-330, F.A.C., or cause violations of state water quality standards.
17. This permit is issued based on the applicant's submitted information that reasonably demonstrates that adverse water resource-related impacts will not be caused by the completed permit activity. If any adverse impacts result, the District will require the permittee to eliminate the cause, obtain any necessary permit modification, and take any necessary corrective actions to resolve the adverse impacts.
18. A Recorded Notice of Environmental Resource Permit may be recorded in the county public records in accordance with Rule 62-330.090(7), F.A.C. Such notice is not an encumbrance upon the property.

WITHIN 30 DAYS AFTER COMPLETION OF THE PROJECT, THE PERMITTEE SHALL NOTIFY THE DISTRICT, IN WRITING, THAT THE FACILITIES ARE COMPLETE.

AUTHORIZED BY: Suwannee River Water Management District

By:



Noah Valenstein
Executive Director

DON QUINCEY Chair
Chiefland, Florida

ALPHONAS ALEXANDER Vice Chair
Madison, Florida

VIRGINIA H. JOHNS Secretary/Treasurer
Alachua, Florida

KEVIN BROWN
Alachua, Florida

GARY F. JONES
Old Town, Florida

CHARLES KEITH
Lake City, Florida

VIRGINIA M. SANCHEZ
Old Town, Florida

RICHARD SCHWAB
Perry, Florida

BRADLEY WILLIAMS
Monticello, Florida

NOAH VALENSTEIN
Executive Director

NOTICE OF RIGHTS

1. A person whose substantial interests are or may be determined has the right to request an administrative hearing by filing a written petition with the Suwannee River Water Management District (District), or may choose to pursue mediation as an alternative remedy under Section 120.569 and 120.573, Florida Statutes, (F.S.), before the deadline for filing a petition. Choosing mediation will not adversely affect the right to a hearing if mediation does not result in a settlement. The procedures for pursuing mediation are set forth in Sections 120.569 and 120.57 F.S. Pursuant to Rule 28-106.111, Florida Administrative Code, (F.A.C.), the petition must be filed at the office of the District Clerk at District Headquarters, 9225 C.R. 49, Live Oak, Florida 32060 within twenty-one (21) days of receipt of written notice of the decision or within twenty-one (21) days of newspaper publication of the notice of District decision (for those persons to whom the District does not mail actual notice). A petition must comply with Chapter 28-106, F.A.C.
2. If the Governing Board takes action which substantially differs from the notice of District decision to grant or deny the permit application, a person whose substantial interests are or may be determined has the right to request an administrative hearing or may choose to pursue mediation as an alternative remedy as described above. Pursuant to Rule 28-106.111, F.A.C., the petition must be filed at the office of the District Clerk at District Headquarters, 9225 C.R. 49, Live Oak, Florida 32060 within twenty-one (21) days of receipt of written notice of the decision or within twenty-one (21) days of newspaper publication of the notice of District decision (for those persons to whom the District does not mail actual notice). Such a petition must comply with Chapter 28-106, F.A.C.
3. A substantially interested person has the right to a formal administrative hearing pursuant to Section 120.569 and 120.57(1), F.S., where there is a dispute between the District and the party regarding an issue of material fact. A petition for formal hearing must comply with the requirements set forth in Rule 28-106.201, F.A.C.
4. A substantially interested person has the right to an informal hearing pursuant to Section 120.569 and 120.57(2), F.S., where no material facts are in dispute. A petition for an informal hearing must comply with the requirements set forth in Rule 28-106.301, F.A.C.
5. A petition for an administrative hearing is deemed filed upon receipt of the petition by the Office of the District Clerk at the District Headquarters in Live Oak, Florida.
6. Failure to file a petition for an administrative hearing within the requisite time frame shall constitute a waiver of the right to an administrative hearing pursuant to Rule 28-106.111, F.A.C.
7. The right to an administrative hearing and the relevant procedures to be followed is governed by Chapter 120, Florida Statutes, and Chapter 28-106, F.A.C.
8. Pursuant to Section 120.68, F.S., a person who is adversely affected by final District action may seek review of the action in the District Court of Appeal by filing a notice of appeal pursuant to the Florida Rules of Appellate Procedure, within 30 days of the rendering of the final District action.
9. A party to the proceeding before the District who claims that a District order is inconsistent with the provisions and purposes of Chapter 373, F.S., may seek review of the order pursuant to Section 373.114, F.S., by the Florida Land and Water Adjudicatory Commission, by filing a request for review with the Commission and serving a copy of the Department of Environmental Protection and any person named in the order within 20 days of adoption of a rule or the rendering of the District order.

10. For appeals to the District Courts of Appeal, a District action is considered rendered after it is signed on behalf of the District, and is filed by the District Clerk.

11. Failure to observe the relevant time frames for filing a petition for judicial review, or for Commission review, will result in waiver of the right to review.

CERTIFICATE OF SERVICE

I hereby certify that a copy of the foregoing Notice of Rights has been sent to:

Brian Kitchens
VyStar Credit Union
4949 Blanding Boulevard
Jacksonville, FL 32110
904-908-2708

This January 06, 2017



Deputy Clerk
Suwannee River Water Management District
9225 C.R. 49
Live Oak, Florida 32060
386.362.1001 or 800.226.1066 (Florida only)

cc: File Number: ERP-001-221992-4

NOTICING INFORMATION

Dear Permittee:

Please be advised that the Suwannee River Water Management District (District) has not published a notice in the newspaper advising the public that it has issued a permit for this project.

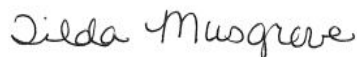
Newspaper publication, using the District's form, notifies members of the public of their right to challenge the issuance of the permit. If proper notice is given by newspaper publication, then there is a 21-day time limit to file a petition challenging the issuance of the permit.

To close the point of entry for filing a petition, you may publish (at your own expense) a onetime notice of the District's decision in a newspaper of general circulation within the affected area as defined in Section 50.011 of the Florida Statutes. If you do not publish a newspaper notice, the time to challenge the issuance of your permit will not expire.

A copy of the notice and a partial list of newspapers of general circulation are attached for your convenience. However, you are not limited to those listed newspapers. If you choose to close the point of entry and the notice is published, the newspaper will return to you an affidavit as proof of publication. In accordance with 40B-1.1010(4), F.A.C., a copy of the affidavit shall be provided to the District within 14 days of publication. A scanned copy of the affidavit may be forwarded to Tilda Musgrove by email at tjm@srwmd.org (preferred method) or send the original affidavit of publication to:

Tilda Musgrove
Resource Management
9225 CR 49
Live Oak, FL 32060

If you have any questions, please contact me at 386.362.1001.
Sincerely,



Tilda Musgrove
Business Resource Specialist
Resource Management

NOTICE OF AGENCY ACTION TAKEN BY THE
SUWANNEE RIVER WATER MANAGEMENT DISTRICT

Notice is given that the following permit was issued on _____:
(Name and address of applicant)_____
permit#_____. The project is located in _____ County, Section
_____, Township _____ South, Range _____ East. The permit authorizes a surface
water management system on _____ acres for
_____ known as
_____. The receiving water body is _____.

A person whose substantial interests are or may be affected has the right to request an administrative hearing by filing a written petition with the Suwannee River Water Management District (District). Pursuant to Chapter 28-106 and Rule 40BB-1.1010, Florida Administrative Code (F.A.C.), the petition must be filed (received) either by delivery at the office of the Resource Management Business Resource Specialist at District Headquarters, 9225 CR 49, Live Oak FL 32060 or by e-mail to tjm@srwmd.org, within twenty-one (21) days of newspaper publication of the notice of intended District decision (for those persons to whom the District does not mail or email actual notice). A petition must comply with Sections 120.54(5)(b)4. and 120.569(2)(c), Florida Statutes (F.S.), and Chapter 28106, F.A.C. The District will not accept a petition sent by facsimile (fax). Mediation pursuant to Section 120.573, F.S., is not available.

A petition for an administrative hearing is deemed filed upon receipt of the complete petition by the District Clerk at the District Headquarters in Live Oak, FL during the District's regular business hours. The District's regular business hours are 8 a.m. – 5 p.m., excluding weekends and District holidays. Petitions received by the District Clerk after the District's regular business hours shall be deemed filed as of 8 a.m. on the next regular District business day.

The right to an administrative hearing and the relevant procedures to be followed are governed by Chapter 120, Florida Statutes, Chapter 28-106, Florida Administrative Code, and Rule 40B-1.1010, Florida Administrative Code. Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means the District's final action may be different from the position taken by it in this notice. **Failure to file a petition for an administrative hearing within the requisite time frame shall constitute a waiver of the right to an administrative hearing. (Rule 28-106.111, F.A.C.).**

If you wish to do so, you may request the Notice of Rights for this permit by contacting the Business Resource Specialist in the Division of Resource Management (RM), 9225 CR 49, Live Oak,, FL 32060, or by phone at 386.362.1001.

NEWSPAPER ADVERTISING

ALACHUA

Gainesville Sun Legal Advertising
PO Box 14747
Gainesville, FL 32614
352.372.4222

BRADFORD

Bradford County Telegraph, Legal Advertising
P. O. Drawer A
Starke, FL 32901
904-964-6305/ fax 904-964-8628

COLUMBIA

Lake City Reporter
180 E Duval Street
Lake City, FL 32055
386.754.0401

DIXIE

Dixie County Advocate
174 County Road 351
Cross City, FL 32628
352.498.3312

GILCHRIST

Gilchrist County Journal
207 N Main St
Trenton, FL 32693
352.463.7135

HAMILTON

Jasper News
521 Demorest Street SE
Live Oak, FL 32064
386.362.1734

JEFFERSON

Monticello News
PO Drawer 772
Madison, FL 32344
850.997.3568

LAFAYETTE

Mayo Free Press
521 Demorest Street SE
Live Oak, FL 32064
386.362.1734

LEVY

Levy County Journal
PO Box 159
Bronson, FL 32621
352.486.2312

MADISON

Madison Carrier
PO Drawer 772
Madison, FL 32344
850.973.4141

SUWANNEE

Suwannee Democrat
521 Demorest Street SE
Live Oak, FL 32064
386.364.1734

TAYLOR

Taco Times
PO Box 888
Perry, FL 32348
850.584.5513

UNION

Union County Times
125 E Main Street
Lake Butler, FL 32054
386.496.2261



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Jonathan P. Steverson
Secretary

July 18, 2016

Brian Kitchens
Vystar Credit Union
4949 Blanding Blvd
Jacksonville, FL 32210

RE: **Facility ID: FLR10QH45**
Vystar Credit Union
County: Alachua

Dear Permittee:

The Florida Department of Environmental Protection has received and processed your *Notice of Intent to Use Generic Permit for Stormwater Discharge from Large and Small Construction Activities* (NOI) and the accompanying processing fee. This letter acknowledges that:

- your NOI is complete;
- your processing fee is paid-in-full; and
- you are covered under the *Generic Permit for Stormwater Discharge from Large and Small Construction Activities* (CGP), DEP Document No. 62-621.300(4)(a).

Your project identification number is **FLR10QH45**. Please include this number on all future correspondence to the Department regarding this permit.

This letter is **not** your permit; however, this letter does serve **as verification of permit coverage**. A copy of the permit language is available online at <https://www.flrules.org/Gateway/reference.asp?No=Ref-04265> or by contacting the NPDES Stormwater Notices Center.

July 18, 2016

Your permit coverage becomes effective **7/10/2016** and will expire **7/9/2021**. To terminate your coverage prior to this expiration date, you must file a *National Pollutant Discharge Elimination System (NPDES) Stormwater Notice of Termination*, DEP Form 62-621.300(6) (NOT). An NOT must be filed within 14 days of either (a) your final stabilization of the site or (b) your relinquishment of control of the construction activities to a new operator. To renew your coverage beyond the expiration date, you must submit a new NOI and processing fee to the Department no later than two days before coverage expires.

Until your permit coverage is terminated, modified, or revoked, you are authorized to discharge stormwater from the construction site referenced in your NOI to surface waters in accordance with the terms and conditions of the CGP. Some key conditions of the CGP are:

- implementation of your stormwater pollution prevention plan (SWPPP);
- implementation of appropriate construction best management practices (BMPs);
- conducting and documenting routine inspections; and
- retaining the records required by the permit (including your SWPPP) at the construction site or the alternate location specified in your NOI.

If you have any questions concerning this acknowledgment letter, please contact the NPDES Stormwater Notices Center at (866) 336-6312 (toll-free).

Sincerely,

A handwritten signature in black ink, appearing to read "Victoria Robinson". The signature is fluid and cursive, with the first name "Victoria" being more prominent than the last name "Robinson".

Victoria Robinson
Data Quality Control Specialist
NPDES Stormwater Program