

**GULF BREEZE CITY COUNCIL  
EXECUTIVE SESSION**

FEBRUARY 13, 2013  
WEDNESDAY 6:30 P.M.  
COUNCIL CHAMBERS

**ACTION AGENDA ITEMS:**

- A. Discussion and Action Regarding Ordinance 01-13, Amending Section 8-56(b) of the Code of Ordinances Relative to Parking/Storage of Vehicle in Front Yards
- B. Discussion and Action Regarding Ordinance 02-13, Establishing an Additional Homestead Tax Exemption for Senior Citizens
- C. Discussion and Action Regarding Ordinance 03-13, Relative to Overnight Parking Along Designated Principal Arterial Streets, Minor Streets or Collector Streets
- D. Discussion and Action Regarding Resolution 03-12, Amending Amount of Bonds to be Issued for Stuart Lodge and Enabling Agreement with Town of Century
- E. Discussion and Action Regarding Resolution 04-13, Relative to Long Term Financing of Acquisition, Improvement and Expansion of Golf Course
- F. Discussion and Action Regarding Illuminated Street Signs for Fairpoint and Daniel Drive Intersections
- G. Discussion and Action Regarding Nightingale Force Main Relocation
- H. Discussion and Action Regarding Navarre Street Traffic Calming Study
- I. Discussion and Action Regarding Furniture for the Community Center
- J. Discussion and Action Regarding Community Center Reservation Request
- K. Discussion and Action Regarding Shoreline Drive and South Park Road Sculpture
- L. Discussion and Action Regarding City Attorney Rate Increase
- M. Discussion and Action Regarding Walking Path Recommendation

**If any person decides to appeal any decisions made with respect to any matter considered at this meeting or public hearing, such person may need to insure that a verbatim record of the proceedings is made, which record includes the testimony and any evidence upon which the appeal is to be based.**

**The public is invited to comment on matters before the City Council upon seeking and receiving recognition from the Chair.**



# City of Gulf Breeze

## Memorandum

To: Mayor and City Council

From:  Edwin A. Eddy, City Manager

Date: 2/8/2013

**Subject: Ordinance No. 01-13, Amending Section 8-56(b) of the City's Code of Ordinances  
Relative to Parking/Storage of Vehicles in Front Yards**

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The City Council held a workshop on November 5, 2012 on this topic. We have conducted a review of existing conditions relative to parking or storage of vehicles front yards. In order to ensure that pervious areas in front of a residence remain pervious and to improve the maintenance and appearance of front yards, staff believes additional regulation is necessary.

Concerning drainage and soil compaction, attached are two brief papers which support the concept that vehicles on turfed lawns or bare soil is detrimental to the porosity of the soil.

Aesthetics is generally defined as "pleasing to the eye." The aesthetics the City tries to achieve through various references within the Code of Ordinances is a base level of maintenance that is not detrimental to other properties. A front yard with cars or recreational vehicles parked randomly is not consistent with this base level of maintenance.

We checked other municipalities in this area, around the state and across the country. It is certainly not unusual to regulate the parking or storage of recreational vehicles, boats, cars and trucks such that these vehicles are not allowed on the front yard. Attached in an excerpt from the regulations used in the City of Panama City and the City of Pensacola. The City of Milton also restricts storage/parking of vehicles on yards.

The Ordinance attached addresses parking/storage in the front yard defined as the area between the edge of the street right-of-way and the house. Further, the front yard is the area created if a line were drawn straight to the right-of-way from the front corner of the house.

Vehicles, according to this draft, can be parked in the front yard area if the vehicle is on a concrete driveway or pad. A parking space can be constructed of various materials within the front yard. A permit is required for construction of a parking space. The size of the space is limited to 400 square feet.

The City can make available, at rates derived by bulk purchase, gravel, mulch or asphalt millings to reduce the price of providing a parking space. It may even be possible to place concrete drive construction out for bid in a bulk purchase or group rate scenario.

***RECOMMENDATION:***

**THAT THE CITY COUNCIL APPROVE ORDINANCE 01-13, RESTRICTING THE PARKING/STORAGE OF VEHICLES IN FRONT YARDS ON FIRST READING AND ADVERTISE SECOND READING AND PUBLIC HEARING FOR MARCH 4, 2013.**

**ORDINANCE NO. 01-13**

**AN ORDINANCE OF THE CITY OF GULF BREEZE FLORIDA, PERTAINING TO PARKING OR STORAGE OF RECREATIONAL VEHICLES, TRAILERS, BOATS, CAMPERS ON THE FRONT YARD OF A STRUCTURE IN ANY RESIDENTIALLY ZONED AREA; AMENDING SECTION 8-56 (b) OF THE CODE OF ORDINANCES; PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICT; AND, PROVIDING FOR AN EFFECTIVE DATE.**

**WHEREAS**, the City of Gulf Breeze has adopted certain rules and regulations relative to the exterior storage of vehicles, utility trailers, trucks, cars, boats, recreational vehicles, etc.; and,

**WHEREAS**, in order to maintain the effectiveness of improved front yards as pervious areas which provide adequate space for retention and detention of a portion of stormwater generated from roofs and driveways; and,

**WHEREAS**, in order to enhance the appearance of improved residential property.

**NOW, THEREFORE, BE IT ORDAINED** by the City Council of the City of Gulf Breeze, Florida, as follows:

**SECTION 1** – Section 8.56 (b) of the Code of Ordinances is hereby amended as follows:

8-56 (b)(5) No car, van, recreational vehicle, camper, bus, flatbed truck, pick-up truck, travel trailer, boat, boat trailer, commercial vehicle or similar type of vehicle shall be parked or stored on the front yard of a residence. (The front yard is defined, for the purpose of this section, as the area of property between the edge of the right-of-way and the residence within the designated front yard and from the front corners of the residence straight to the street.)

This section shall not apply to vehicles as listed that are parked on a driveway or parking space constructed for said purpose parallel to the extent possible to the driveway and perpendicular to the extent possible to the street. Said parking space must be constructed of concrete, asphalt, gravel, asphalt millings, or rock, mulch, or pervious blocks, and, in the case of gravel, asphalt millings, mulch or rock be defined by plants, timbers or sod to create a clear border. The length, width and thickness of said constructed space shall be adequate given the size of the vehicle to be parked and stored so that said vehicle is completely within the constructed area and shall not exceed 400 square feet or 40% of the front yard as defined in this section. If a material other than concrete is used, the area must be properly graded and stabilized. A permit for the construction of said parking space shall be obtained from the City prior to undertaking construction.

Vehicles as listed above may be parked or stored in the side or rear yard.

**SECTION 2 – SEVERABILITY**

If any section, paragraph, sentence, clause, phrase or word of this Ordinance is for any reason held by any court to be unconstitutional, inoperative, invalid or void, such holding shall not in any manner affect the validity of the remaining portions of this Ordinance.

**SECTION 3 - CONFLICT**

The provisions of this Ordinance shall be deemed to control and prevail over any ordinance or portion thereof in conflict with the terms hereof.

**SECTION 4 - EFFECTIVE DATE**

This Ordinance shall become effective upon its adoption by the City Council.

PASSED ON THE FIRST READING ON THE \_\_\_\_ DAY OF \_\_\_\_\_, 2013.

ADVERTISED ON THE ON THE \_\_\_\_ DAY OF \_\_\_\_\_, 2013.

PASSED ON THE SECOND READING ON THE \_\_\_\_ DAY OF \_\_\_\_\_, 2013.

By: \_\_\_\_\_  
Beverly H. Zimmern, Mayor

***ATTESTED TO BY:***

\_\_\_\_\_  
Marita Rhodes, City Clerk

# Urban Soil Compaction



United States  
Department of  
Agriculture

Natural  
Resources  
Conservation  
Service

Soil Quality Institute  
411 S. Donahue Dr.  
Auburn, AL 36832  
334-844-4741  
X-177  
Urban Technical  
Note No. 2

March, 2000

This is the second note  
in a series of Soil  
Quality-Urban technical  
notes on the effects of  
land management on  
soil quality.



## Introduction

Soil is a crucial component of rural and urban environments, and in both places land management is the key to soil quality. This series of technical notes examines the urban activities that cause soil degradation, and the management practices that protect the functions urban societies demand from soil. This technical note will focus on urban soil compaction.

Healthy soil includes not only the physical particles making up the soil, but also adequate pore space between the particles for the movement and storage of air and water. This is necessary for plant growth, and for a favorable environment for soil organisms to live. Compaction occurs when soil particles are pressed together, thereby reducing the amount of pore space. Examples of compaction in urban settings are traffic pans resulting from repeated trips across lots with trucks and machinery and excessive trampling by people, bicycles, etc. Soils are particularly susceptible to compaction if these activities occur when the soil is wet. The primary impacts of soil compaction are changes in the soil's physical properties (Schuler et al., 2000):

- Strength increases with compaction. Soil strength is the ability to resist penetration by an applied force and is desirable under roads and buildings.

- Bulk density increases with compaction. Bulk density is the weight of soil per volume. It is commonly reported as grams of oven dry soil per cubic centimeter.
- Porosity decreases with compaction. Porosity is the ratio of the volume of pores to the bulk volume of the soil.
- With compaction, the distribution of pores shifts toward smaller pore sizes. Pore size distribution is the array of pores, from very small to large, making up the soil's overall porosity.

These changes influence the movement of air and water in the soil, ease of root growth, and the biological diversity and activity in the soil. For proper plant growth, void space must be available for air and water movement. Typically a medium textured soil has about 50 % solids and 50 % pore or void space. Compaction increases bulk density and reduces the number of large pores in the soil. (Schuler et al., 2000).

Compared to agricultural land, compaction in urban areas can be more permanent because of the difficulty in bringing in equipment to loosen the soil, due to the presence of utilities and the prevalence of perennial vegetation.

## Causes of Soil Compaction in Urban Areas

Causes of compaction in urban areas are generally of two types:

1. Deliberate compaction during construction activities.
  - Compacting of entire areas in order to increase strength for paving and housing foundations without consideration for leaving non-constructed areas (landscaping areas and lawns) in a more natural state.
  - Use of heavy equipment for reshaping and sloping banks along roads and hillsides.
  - Grading lots and placing sod on hard soil or soil denuded of topsoil.
2. Unintentional compaction of the soil after construction is completed.
  - Allowing uncontrolled traffic (both vehicles and foot traffic)
  - Allowing vehicles on lawn areas around homes or businesses, especially when the soil is wet.

## Impacts of Soil Compaction

For individual homeowners and businesses, soil compaction makes it difficult to establish and maintain lawns and landscaping due to:

- Restricted root growth.
- Reduced plant uptake of water and nutrients.
- Reduced available water capacity.

- Reduced soil biological activity.

For communities, excessive levels of soil compaction lead to environmental problems due to:

- Increased storm water runoff as a result of low infiltration rates of compacted soils.
- Increased flooding due to runoff.
- Increased erosion from construction sites.
- Increased water pollution potential, especially nitrates and phosphorus, in local rivers, streams, lakes, and ponds.

## Detection of Soil Compaction

Generally compaction is a problem within the top 12 inches of the soil surface.

Detection of compaction can be by:

- Observing discolored or poor plant growth.
- Probing with a firm wire (survey flag) or welding rod (18" in length) into the compacted area.
- Digging down to plant roots and finding lateral root growth with little if any penetration of compacted layers.
- Taking bulk density samples (Table 2).
- Using commercially available cone penetrometers that indicate force required to penetrate the soil in terms of pressure (pounds per square inch). Roots are unable to penetrate soil compacted to 300 psi or more. This varies with soil type and moisture content of the soil when tested (Schuler et al., 2000).

**Table 2. General relationship of soil bulk density to root growth based on soil texture (NRCS Soil Quality Institute, 1999).**

Soil texture	Ideal bulk densities (g/cm <sup>3</sup> )	Bulk densities that may affect root growth (g/cm <sup>3</sup> )	Bulk densities that restrict root growth (g/cm <sup>3</sup> )
Sands, loamy sands	<1.60	1.69	>1.80
Sandy loams, loams	<1.40	1.63	>1.80
Sandy clay loams, loams, clay loams	<1.40	1.60	>1.75
Silts, silt loams	<1.30	1.60	>1.75
Silt loams, silty clay loams	<1.10	1.55	>1.65
Sandy clays, silty clays, some clay loams (35-45% clay)	<1.10	1.49	>1.58
Clays (>45% clay)	<1.10	1.39	>1.47

### Prevention of Urban Soil Compaction

Compaction problems during urban development can be avoided by proper planning. Working with local governments may help prevent total compaction in development areas. Divide large areas into sections to be consciously compacted for roads and foundations, and sections for lawns and landscaping. Disturb only areas needed for construction. Also, only manipulate soil when dry (less than field capacity).

Soil that will support lawns can be protected by subsoiling, and by stockpiling topsoil that will be returned to the site after construction. These two measures can restore water flow functions to near natural conditions. Establishing sod or seeding a lawn is much more successful on a loose soil with topsoil than on a compacted soil without adequate topsoil.

In parks and recreation areas, specific areas can be designated for heavy traffic (paved areas or trails). The remaining vegetated areas will benefit from less compaction because of controlled traffic. During special events, lay down metal or wood mats for better distribution of weight for vehicular

traffic or involving high volume of people in concentrated areas. Mesh elements have been used for sporting fields (Beard and Sifers, 1990).

These measures may take a little more time initially, but will pay dividends in the long run. The benefits of planning and wise urban development are:

- Satisfied buyers of homes with soils that function well
- Soils that have good infiltration rates (less frequent irrigation)
- Reduced run-off (less chemical and fertilizer loss to water bodies)
- Lower mortality rates of perennial vegetation (lawns and trees)
- Better plant growth and quality for shrubs, flowers, trees, gardens, and lawns.

### Management Practices for Compacted Urban Soil

Although prevention is more effective, the detrimental effects of compaction can be lessened after soils are compacted.

Management practices to reduce the effects of urban compaction are:

- Subsoiling to alleviate compacted soils. Always have underground utilities and other underground plumbing or wires located and marked.
- Partial or total soil replacement. Replace dense soil with loose soil or haul in topsoil.
- Increasing organic matter. In gardens, go to residue management/no-till systems and/or cover crops.
- Use of mulch, compost, manures, and amendments.
- Annual aeration of turf grasses to improve infiltration.
- Aeration of soil using a metal tube and air compressor. This is usually used around tree roots. (Personal communication with John Lesenger. Used at the Alabama Shakespeare Festival.)
- Irrigation management. Frequent, low rates of water are necessary because compacted soil holds little water. Over-irrigation wastes water and may lead to environmental pollution from lawn chemicals, nutrients, and sediment.
- Cutting grass at higher heights, which reduces evapotranspiration losses (see local turf grass recommendations—Extension Service).

## Summary

Compaction changes important physical properties of the soil. Soils with higher strength, higher bulk densities, and decreased pore space have lower infiltration rates, reduced water holding capacity, and more runoff. This degradation of soil quality results in the need for more irrigation, less

healthy plants, higher plant mortality rates, and higher pollution potential from storm water runoff. Urban soil compaction is more complicated than in an agricultural setting. It is less convenient to alleviate urban compaction because soil cannot be disturbed easily around perennial vegetation, underground utilities, buildings, drive ways, etc. Planning will prevent many problems with compaction in developments and subdivisions. Preventive practices, including limiting the extent of disturbed areas, manipulating soil only when dry and restricting traffic, are more effective and less expensive than practices to alleviate compaction after it occurs. Preventing and managing compaction results in soils that function well and that benefit all of society.

## References

- Beard, J.B., and S.I. Sifers. 1990. Feasibility assessment of randomly oriented interlocking mesh element matrices for turfed root zones. p. 154-165. *In* R.C. Schmidt et al. (ed.) *Natural and artificial playing fields: Characteristics and safety features*. Amer. Soc. Testing & Materials, Standard Tech. Pub. 1073.
- NRCS Soil Quality Institute. 1999. Soil quality test kit guide. United States Department of Agriculture, Agricultural Research Service and Natural Resource Conservation Service. Kit guide can be obtained at <http://soils.usda.gov/sqi>
- Schuler, R.T., W.W. Casady, and R.L. Raper. 2000. Soil compaction. Chapter 9. *In* R.C. Reeder (ed.) *MWPS special publication: Conservation tillage systems and management*. (In Press).

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## Combating Soil Compaction

July 24, 2012 in [Soil Health & Composting](#), [Sustainable Landscapes](#)

Revision Date: **31 January 2009**

Rebecca Pineo, *Botanic Gardens Intern*

Susan Barton, *Extension Specialist*

University of Delaware

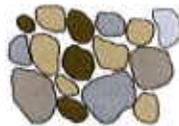
Bulletin #124

### What is soil compaction?

Half of a healthy soil's makeup is pore space, with the other half composed of organic matter and mineral particles (sand, silt and clay). Pore space provides room for air and water to circulate around the mineral particles, providing a healthy environment for plant roots and beneficial microorganisms. In compacted soils, the particles are pressed together so tightly that the space for air and water is greatly reduced.



**Healthy soil with pore space  
between particles**



**Compacted soil with greatly  
reduced pore space**

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### Why is soil compaction a problem?

- Very dense soil makes it difficult for plants to grow properly. Roots cannot penetrate the soil to obtain the nutrients, water, and structural support they require for survival.
- Lack of pore space translates into lack of drainage. When the soil is filled with water, there is no room for oxygen, inhibiting plant growth. The lack of oxygen also inhibits organisms that decompose organic matter, an essential

process for recycling nutrients and aerating the soil.

- Compaction prevents water from percolating properly through the soil, forcing it to run off the surface and cause erosion.

### Common causes of soil compaction

- Vehicle and foot traffic. In many home landscapes, soil is compacted during building construction, from repeated use of riding lawn mowers, or from off-road parking of automobiles and recreational vehicles. Pedestrian pathways across garden beds and turf areas are also significant contributors to compaction.
- Rain on bare soils. Drops of rain cause splash erosion, which disturbs the top layer of soil particles and causes formation of a thin surface crust that blocks water from reaching plant roots. (For information more information about erosion, consult the fact sheet "Preventing Erosion," available at <http://www.ag.udel.edu/udbg/sl/hydrology.html>)
- Excessive tillage. Tilling the soil accelerates breakdown of organic materials that inhibit compaction. It can also damage soil structure, the arrangement of mineral particles in relation to pore space, especially if soil is tilled when it is wet. Over the years, repeated tillage orients all of the soil particles in the same direction, causing a layer of compacted soil (a plow pan) to form directly beneath the area being tilled. Plow pans are mainly a problem on farm fields where the soil is consistently tilled at the same depth.
- Natural processes. Soils with high clay content—typical of wetlands and river bottoms—can become compacted due to natural processes. Because individual clay particles are so small, they are more susceptible to being pressed together tightly.

### What does soil compaction look like?

Recent construction sites, farm fields, and soils with high clay content are most commonly affected by compaction. Unfortunately, soil compaction can be difficult to detect in the landscape because its symptoms can be caused by other site problems. Some indicators include:

- Badly formed plant roots (enlarged, stubby or twisted roots, or taproots that grow horizontally)
- Standing water that implies a drainage problem
- Physically dense soil that is hard to dig whether wet or dry
- Plants with nutrient deficiencies, manifested by stunted growth, discolored leaves and drought stress.

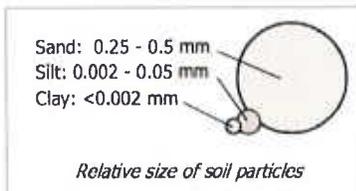
Soil scientists measure compaction with a device called a soil penetrometer. The easiest way for a homeowner to test for soil compaction is to plunge a soil probe (or hollow metal pipe) into the soil. If the probe barely enters, the soil is compacted.

### How can you combat soil compaction?

- **Avoid walking in planting beds.** For areas where traffic is temporary and unavoidable, you can lay a protective pathway with wooden planks, permeable fabric covered with gravel, or a thick layer of mulch (6+ inches).
- **Avoid working soils when they are too moist.** Digging or tilling is not recommended in soil that holds its shape when pressed into a ball, as very moist soils are the easiest to compact. (Dry soil has too much friction between particles to be easily compressed. Extremely wet soils are also difficult to compact because the condensable air space is replaced by water that resists pressure—evidenced by muddy tires moving the soil into ruts instead of just pressing it down.)
- **Use the lightest, smallest construction equipment possible on the smallest area possible.** When building, choose the smallest piece of equipment that can accomplish the task at hand over an acceptable time period, and restrict the use of that equipment to the footprint of the building area. The heavier the equipment, the more serious the resulting compaction; the wider the equipment, the greater the area that is affected.
- **Let winter do the work.** Freeze-thaw cycles can help alleviate shallowly compacted soils, though these natural processes are generally not adequate where compaction was caused by heavy equipment.
- **Choose adapted plants.** Mildly compacted soils can be overcome by proper plant choice, especially in wet areas. Plants adapted to wetlands have special enzymes that allow them to survive in saturated soils (where non-adapted plants would manufacture ethanol alcohol, a toxic by-product).
- **Cover soils with mulch or groundcovers.** Bare soils form a thin surface crust that prevents water from penetrating the soil. A layer of plants or 2-3 inches of mulch will help prevent this type of compaction from occurring.
- **Aerate the soil.** A garden tool called a core aerator can be used to remove small plugs of soil in turf grass, alleviating compaction and preventing the accumulation of thatch.
- **Amend the soil.** Adding compost to your soil is one of the best ways to combat compaction. As organic materials decompose, they attract soil organisms that naturally aerate the soil through creation of pore space.

**What is your soil texture?**

Soil texture refers to the size of soil particles, with clayey soils having the smallest particles, sandy the largest, and silty, medium. Loamy soils possess a relatively even concentration of the three particle sizes.



A rough test for determining your soil makeup is to take a small lump of moist soil in your hand and squeeze it out between your thumb and forefinger to make a soil "ribbon." Generally speaking, the most clayey soils will create a ribbon longer than 2 inches, silty/loamy soils will create ribbons between 1–2 inches, and the sandiest soils won't make a ribbon at all.

*For more information about determining the makeup of your soil, consult NASA's Soil Science Education page "Step-by-Step Guide: Texture," available at <http://soil.gsfc.nasa.gov/pvg/texture1.htm>*

When amending with compost, spread it evenly over the site and till to a depth of 18 inches. In severely compacted soils, large amounts of compost will be needed to make a difference—25% of the existing soil by weight for sandy loam soil types, and as much as 50% for clay soils.

Adding inorganic materials to amend soils is inefficient and expensive compared to adding organic matter. At minimum, it requires an addition of 75% more material by weight to positively affect the level of compaction. Adding less can very well make the problem worse (sand plus clay makes concrete!). If you do choose to add inorganic materials in the proper amount, use consistently coarse-grained materials. Particles that are too small will inhibit drainage in the amended soil.

- **Dig a radial trench around established trees.** When soil is compacted around an established tree, dig trenches 4-6" wide and 12" deep from the trunk to the drip line at about three-foot intervals. The pattern will look like the spokes of a bicycle wheel. Backfill the trenches with coarse gravel and top with soil. This process allows you to loosen soil without damaging more than one-third of the tree's root system. High pressure air wands (Air Spade®) are also available for removing soil from trenches with even less damage to tree roots.
- **Replace or bury the soil.** Over large areas, replacing the soil entirely is impractical and expensive. However, in smaller areas this method may be useful for dealing with severely compacted soils. To accommodate shrubs and trees, the new topsoil soil must have a depth of 1-1/2 to 3 feet.
- **Employ sub-surface soil sculpting or deep plowing.** Grading or deep tilling of sub-surface compacted soils can be utilized to break up the plow pan or to direct water drainage away from the plant root zone.

**Additional Resources**

Aerating Your Lawn: <http://www.ext.vt.edu/pubs/turf/430-002/430-002.html>

Basics of Soil and Plant Fertility: <http://extension.umd.edu/publications/PDFs/FS782.pdf>

Estimating Soil Texture: Sandy, Loamy, or Clayey?: <http://www.cmg.colostate.edu/gardennotes/214.pdf>

NASA's Soil Science Education: <http://soil.gsfc.nasa.gov/index.html>

**Bibliography**

Aveni, Mark and David Chalmers. (2001). Aerating Your Lawn. Virginia Cooperative Extension Publication Number extension.udel.edu/factsheet/combating-soil-compaction/

430-002. Retrieved November 30, 2008 from <http://www.ext.vt.edu/pubs/turf/430-002/430-002.html>.

Bassuk, Nina. (2006). Dealing with Soil Compaction. Cornell Gardening Resources. Retrieved October 27, 2008, from <http://www.gardening.cornell.edu/factsheets/soil/compaction.html>.

Communication and Educational Technology Services, University of Minnesota. (2001). Soil Compaction: Causes, Effects and Control. Retrieved October 27, 2008, from <http://www.extension.umn.edu/distribution/cropsystems/components/3115s01.html>

Cooperative Extension Service, Kansas State University. (1996). Soil Compaction: Problems and Solutions. Retrieved October 27, 2008, from <http://www.oznet.ksu.edu/library/CRPSL2/AF115.pdf>

Poole Terry E. (Unknown date). Basics of Soil and Plant Fertility. University of Maryland Cooperative Extension. Retrieved December 1, 2008 from <http://extension.umd.edu/publications/PDFs/FS782.pdf>.

Scripps Networks, LLC. (2008). Soil Compaction. HGTV Gardening: Retrieved October 27, 2008, from <http://www.hgtv.com/landscaping/soil-compaction/index.html>

Tripp, Elise Hansen, James Crum, and Robert E. Schutski. (2008). Sustainable Soil, Part 1: The Landscape's Foundation. The Michigan Landscape. September 2008. pp. 27-34.

Tripp, Elise Hansen, James Crum, and Robert E. Schutski. (2008). Sustainable Soil, Part 2: The Unique Challenges of Urban Soil. The Michigan Landscape. October 2008. pp. 31-39

Whiting, David, Adrian Card, and Carl Wilson. (2008). Estimating Soil Texture: Sandy, Loamy, or Clayey? Colorado State University Extension Garden Notes #214. Retrieved December 1, 2008, from <http://www.cmg.colostate.edu/gardennotes/214.pdf>

Whiting, David, Adrian Card, and Carl Wilson. (December 2006). Soil Compaction. Colorado State University Extension Garden Notes #215. Retrieved October 27, 2008, from <http://www.ext.colostate.edu/mg/files/gardennotes/215.pdf>

Tags: amend, amended soil, badly formed plant roots, bare soils, deep plowing, discolored leaves, drought stress, erosion, excessive tillage, foot traffic, freeze-thaw cycles, healthy soil, microorganisms, mineral, nutrient deficiencies, organic matter, physically dense soil, pore space, radial trench, rain, soil compaction, soil sculpting, soil texture, splash erosion, standing water, stunted growth, surface crust, tilling

← Green Roofs

Recycling Leaves →

Comments are closed.

Dare to be first.



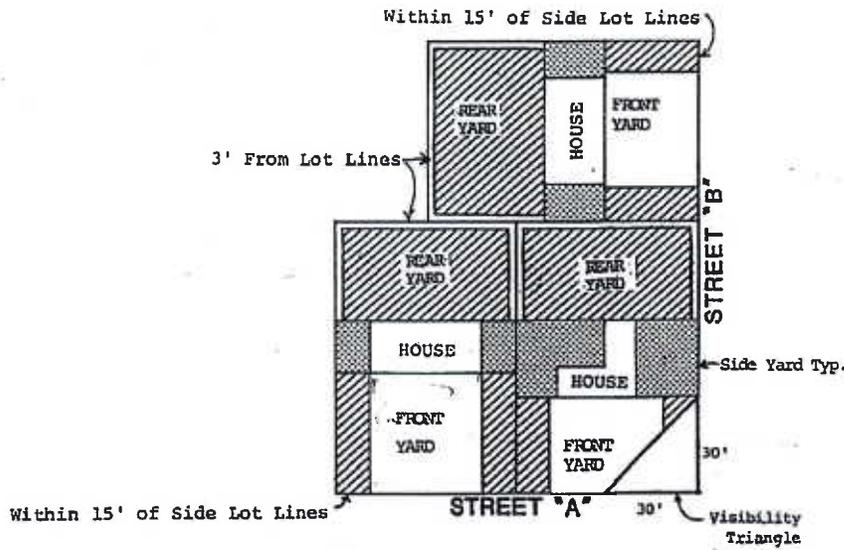
- College of Agriculture & Natural Resources • 531 South College Ave. • Newark, DE 19716  
Phone: 302-831-2501
- Comments
- Contact Us
- Legal Notices

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**Sec. 12-2-36. - Parking and storage of major recreational equipment.**

- (A) *General requirements.*
- (a) Parking or storage of major recreational equipment, except for loading and unloading not to exceed twenty-four (24) hours, shall not be permitted in any portion of any public right-of-way.
  - (b) Repairing or maintaining major recreational equipment, except repairs necessitated by an emergency, shall not be permitted in any portion of any public right-of-way.
  - (c) Major recreational equipment shall not be parked or stored on any vacant lot except where such vacant lot adjoins a lot on which a principal structure under the same ownership is located.
  - (d) Major recreational equipment may not be parked or stored on a parking lot for the principal purpose of displaying such equipment for sale except on parking lots where the sale of vehicles and major recreational equipment is a duly authorized permitted use (i.e. new and used car lot, major recreational equipment sales lot);
  - (e) Major recreational equipment may not be used for storage of goods, materials or equipment other than those items considered to be part of the vehicle or major recreational equipment essential for its immediate use.
  - (f) Parking or storage of major recreational equipment is allowed in duly authorized facilities designed for storage and parking of major recreational equipment and on residential premises as provided in section 12-2-36(B).
- (B) *Residential requirements.* Parking or storage of major recreational equipment on residential premises shall be allowed as shown in Figure 12-2.5 subject to the following conditions:
- (a) May be parked or stored in:
    - 1. Permanent equipment enclosures such as carports or garages;
    - 2. The driveway of the owner's residence but not in any portion of any public right-of-way;
    - 3. Rear yards not closer than three (3) feet to the rear and side property lines;
    - 4. The front yard except in the required visibility triangle (refer to section 12-2-35) but only perpendicular to the front lot line and within fifteen (15) feet of either side lot line; or
    - 5. One of the required side yards but not both. May be parked on corner lots in the required street side yard except in the required visibility triangle.
  - (b) May be parked anywhere on residential premises not to exceed twenty-four (24) hours during loading or unloading.
  - (c) Shall not be used for living, sleeping or housekeeping purposes while stored on a residential premises.
  - (d) Shall not be connected to any utilities except electricity.
  - (e) May not be parked or stored in required parking spaces of multiple-family developments.
  - (f) Must be maintained in an operable condition and must be properly licensed in accordance with all laws of the State of Florida.

(Ord. No. 8-95, § 1, 2-23-95; Ord. No. 23-02, § 1, 9-26-02)



- AREAS WHERE STORAGE SHALL BE PERMITTED:**  
 REAR YARDS 3' FROM LOT LINES, GARAGES, DRIVEWAYS  
 CARPORTS, OR IN FRONT YARDS WITHIN 15' OF  
 SIDE LOT LINES.
- AREAS WHERE STORAGE MIGHT BE PERMITTED:**  
 ONLY IN ONE SIDE YARD ON ANY LOT.

**FIGURE 12-2.5**  
**STORAGE OF MAJOR RECREATIONAL VEHICLES**

**Sec. 104-21. - General development standards.**

The following standards shall apply to development within the City, regardless of the zoning district classification.

- (a) *Setbacks on odd-shaped lots.* Setbacks on odd-shaped parcels shall be determined by averaging the setback measures at right angles from the parcel line to the building corners.
- (b) *Front setbacks on curves.* Front setbacks on a curve or cul-de-sac shall be determined by measuring at right angles from a line drawn through the front parcel line corners to the front of the building.
- (c) *Setbacks on corners.* Setbacks for corner parcels shall be determined by measuring the front setback as the distance from the parcel line to the side of the building with the main entrance, while the other front yard setback shall be one-half the required front yard setback for that district. For corner lots with main entrances on both fronting streets, such as duplexes, the front yard setback shall be the same required front yard setback for that district for each main entrance side.
- (d) *Wetlands setbacks.* Setbacks for state and federal jurisdictional wetlands shall be 30 feet from any structure, except for water dependent uses such as docks and boathouses.
- (e) *Minimum building setbacks for accessory structures.* Three feet from any abutting parcel line not adjoining a street or alley; seven feet from a street or alley right-of-way line.
- (f) *Measurement of setbacks.* Setbacks for primary structures shall be measured from the foundation or wall.
- (g) *Measurement of setbacks for accessory structures and uses.* Setbacks for decks, pool decks, patios, and other accessory structures and uses shall be from the outermost point of such use or structure, to include roof eaves and pool decks.
- (h) *Recreational vehicles or boats.* Recreational vehicles or boats may not be stored in the front yard or front parking area of any residence unless parked within a carport, garage or other permanent shelter, or behind approved fencing which shields the vehicle or boat from view.
- (i) *Development south of Beach Drive.* All buildings, structures, piers, or docks, except those associated with governmental or utility operations, are prohibited in the area south of Beach Drive between Frankford Avenue and the Johnson Bayou Bridge.

(Ord. No. 2421, § 1(Exh. A), 12-13-2011)

PANAMA City



# City of Gulf Breeze

## Memorandum

To: Mayor and City Council

From: Edwin A. Eddy, City Manager

Date: 2/6/2013

### Subject: Additional Property Tax Exemption

---

At the February 4, 2013, City Council meeting, the City Council directed staff to prepare an Ordinance for consideration by the City Council authorizing an additional homestead property tax exemption for senior citizens.

In November, 2012, voters approved Amendment 11 to the Florida Constitution which authorized counties and municipalities to grant an additional homestead exemption for certain senior citizens that meet the following criteria:

- Must have legal or equitable title to the subject property.
- The value of the property for which an additional exemption is sought must have a just market value of less than \$250,000.
- The property must have been the permanent residency of the owner for at least 25 years.
- The owner must be at least 65 years of age.
- The owner's annual household income must not exceed \$27,030.

We have prepared the attached Ordinance for your consideration. The amount of the additional homestead exemption is equal to the assessed value for the property which amounts to a complete exemption from property taxes.

### **RECOMMENDATION:**

**THAT THE CITY COUNCIL APPROVE ORDINANCE 02-13 ON FIRST READING ON TUESDAY, FEBRUARY 19, 2013 AND SCHEDULE SECOND READING AND PUBLIC HEARING FOR MARCH 4, 2013**

**ORDINANCE NO. 02-13**

**AN ORDINANCE OF THE CITY OF GULF BREEZE FLORIDA, ESTABLISHING AN ADDITIONAL HOMESTEAD TAX EXEMPTION FOR SENIOR CITIZENS IN ACCORDANCE WITH FLORIDA STATUTE 196.075 AND AMENDMENT 11 TO THE FLORIDA CONSTITUTION, PROVIDING FOR REPEAL OF CONFLICTING ORDINANCES; PROVIDING FOR SEVERABILITY; AND, PROVIDING FOR AN EFFECTIVE DATE.**

**WHEREAS**, In November, 2012, Florida voters approved Amendment 11 to the Florida Constitution which mandates an additional homestead property tax exemption for senior citizens that meet certain criteria; and,

**WHEREAS**, The Santa Rosa County Property Appraiser has requested that each Santa Rosa County municipality approve an Ordinance authorizing said additional property tax exemption; and,

**WHEREAS**, The City Council does hereby find that it is in the best interest of the public health, safety and welfare of senior citizens that meet the criteria listed herein that such an additional homestead tax exemption be authorized;

**NOW, THEREFORE, BE IT ORDAINED** by the City Council of the City of Gulf Breeze, Florida, as follows:

**SECTION 1:**

This Ordinance shall amend the Ordinance known as the “Gulf Breeze Additional Homestead Tax Exemption for Senior Citizens.”

**SECTION 2:**

This Ordinance is approved pursuant to Amendment 11 to The Florida Constitution as approved by voters in the November, 2012, election which provides for an additional homestead exemption for senior citizens which claim the exemption and meet the following criteria:

- i. The person must have legal or equitable title to the property;
- ii. The homestead property must have a just (market) value of less than \$250,000;
- iii. The property must have been the permanent residency of the owner for at least 25 years;

- iv. The owner must be at least 65 years of age;
- v. The owner's household income must not exceed \$27,030 (this figure to be adjusted annually by the percent change in the Consumer Price Index)

### **SECTION 3**

The words and phrases in this Ordinance shall have the meanings provided in Section 196.025 – 196.075 of Florida Statutes, as amended.

### **SECTION 4**

In accordance with The Florida Constitution as amended by voters and as approved by the Florida Legislature as codified in Florida Statutes 196.075, The City Council hereby authorizes an additional homestead exemption equal to the amount of assessed value of the property for persons that meet the criteria included herein for those individuals that submit a claim for the exemption with a sworn statement of household income by March 1 of each year.

### **SECTION 5**

The City shall deliver a copy of the adopted Ordinance to the property appraiser upon approval of the Ordinance by the City Council. If this Ordinance is thereafter repealed, the City shall notify the property appraiser no later than December 1 of the year prior to the year the exemption expires.

### **SECTION 6 - SEVERABILITY**

If any section, paragraph, sentence, clause, phrase or word of this Ordinance is for any reason held by any court to be unconstitutional, inoperative, invalid or void, such holding shall not in any manner affect the validity of the remaining portions of this Ordinance.

### **SECTION 7 – CODIFICATION**

The provisions of this Ordinance shall become and be made a part of the Code of Laws and Ordinances of the City of Gulf Breeze. The sections of this Ordinance may be renumbered or relettered to accomplish such, and the word "Ordinance" may be changed to "Section", "Article", or any other appropriate word.

**SECTION 8 - EFFECTIVE DATE**

This Ordinance shall become effective upon its adoption by the City Council.

PASSED ON THE FIRST READING ON THE \_\_\_\_ DAY OF \_\_\_\_\_, 2013.

ADVERTISED ON THE ON THE \_\_\_\_ DAY OF \_\_\_\_\_, 2013.

PASSED ON THE SECOND READING ON THE \_\_\_\_ DAY OF \_\_\_\_\_, 2013.

By: \_\_\_\_\_  
Beverly H. Zimmern, Mayor

***ATTESTED TO BY:***

\_\_\_\_\_  
Marita Rhodes, City Clerk



# City of Gulf Breeze

## MEMORANDUM

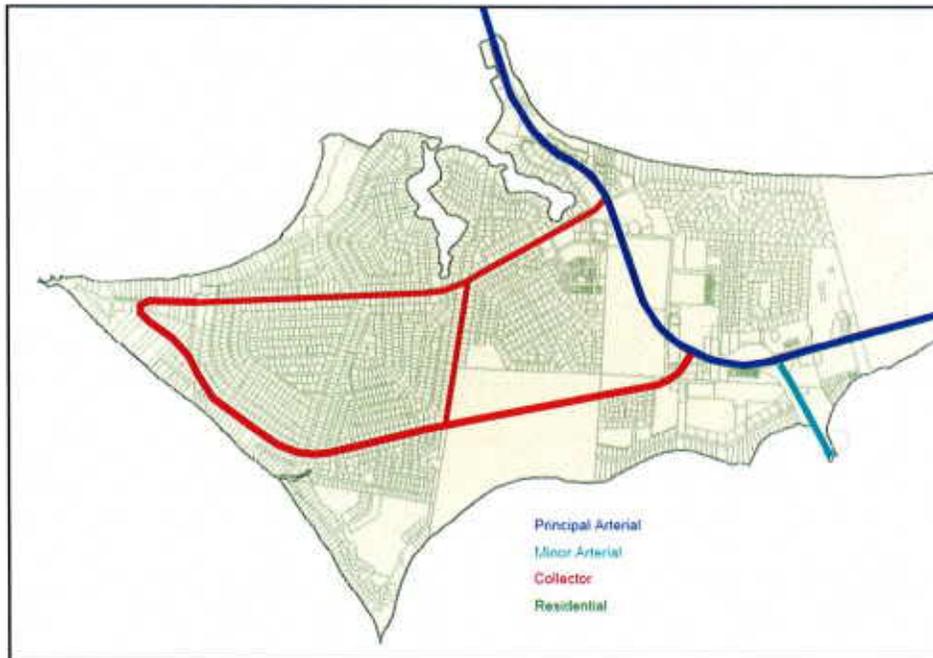
TO: Edwin A. Eddy, City Manager

FROM:  Craig S. Carmichael, Director of Community Services

DATE: February 8, 2013

SUBJECT: **ORDINANCE 03-13**

As per your direction, I have attached a draft copy of Ordinance 03-13 relative to overnight parking along designated principal arterial streets, minor arterial streets, or collector streets.



**RECOMMENDATION:** THAT THE CITY COUNCIL APPROVE ORDINANCE 03-13 ON THE FIRST READING ON FEBRUARY 19, 2013 AND SCHEDULE THE SECOND READING AND PUBLIC HEARING ON MARCH 4, 2013.

**ORDINANCE NO. 03-13**

**AN ORDINANCE OF THE CITY OF GULF BREEZE FLORIDA, PERTAINING TO PARKING VEHICLES IN THE STREET OR RIGHT-OF-WAY OF ARTERIAL STREETS, MINOR ARTERIAL STREETS AND COLLECTOR STREETS; AMENDING SECTION 18-77 OF THE CODE OF ORDINANCES; PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICT; AND PROVIDING AN EFFECTIVE DATE.**

**WHEREAS**, the City of Gulf Breeze has the responsibility to protect the health safety and welfare of its residents and visitors; and,

**WHEREAS**, the City of Gulf Breeze had adopted certain rules and regulations relative to stopping, standing and parking of vehicles; and,

**WHEREAS**, the City Council has recently undertaken steps to help revitalize and enhance the appearance of residential neighborhoods; and,

**NOW, THEREFORE, BE IT ORDAINED** by the City Council of the City of Gulf Breeze, Florida, as follows:

**SECTION 1** - Section 18-77 is hereby amended to read:

**Sec. 18-77. - Parking in certain uses prohibited.**

- (1) No person shall park a vehicle, as defined in section 18-90, upon any street or right-of-way on Gulf Breeze Parkway, Pensacola Beach Road, Shoreline Drive and Fairpoint Drive, or any vacant lot, public park or parking lot for the principal purpose of:
- (a) Displaying such vehicle for sale;
  - (b) Displaying advertising;
  - (c) Repairing or maintaining such vehicle, except repairs necessitated by an emergency (this provision would not apply to businesses in a C-1 zoning district which have a primary purpose of vehicle repair); or
  - (d) Selling merchandise from such vehicle except when so authorized or licensed under the ordinances of the city.

- (2) No person shall park a vehicle, as defined in Section 18-90, overnight upon any street or right-of-way of designated principal arterial streets, minor arterial streets and collector streets.

**SECTION 7 - SEVERABILITY**

If any section, paragraph, sentence, clause, phrase or word of this Ordinance is for any reason held by any court to be unconstitutional, inoperative, invalid or void, such holding shall not in any manner affect the validity of the remaining portions of this Ordinance.

**SECTION 8 - CONFLICT**

The provisions of this Ordinance shall be deemed to control and prevail over any ordinance or portion thereof in conflict with the terms hereof.

**SECTION 9 - EFFECTIVE DATE**

This Ordinance shall become effective upon its adoption by the City Council.

PASSED ON THE FIRST READING ON THE \_\_\_\_ DAY OF \_\_\_\_\_, 2013.

ADVERTISED ON THE ON THE \_\_\_\_ DAY OF \_\_\_\_\_, 2013.

PASSED ON THE SECOND READING ON THE \_\_\_\_ DAY OF \_\_\_\_\_, 2013.

By: \_\_\_\_\_  
Beverly Zimmern, Mayor

ATTESTED TO BY:

\_\_\_\_\_  
Marita Rhodes, City Clerk



# *City of Gulf Breeze*

## Memorandum

**To:** Mayor and City Council

**From:**  Edwin A. Eddy, City Manager

**Date:** 2/7/2013

**Subject: Resolution No. 03-13, Amending Amount of Bonds to be Issued for Stuart Lodge and Enabling Agreement with Town of Century**

---

On February 4, 2013, The City Council adopted a Resolution we drafted to allow the issuance of up to \$25,500,000 in bonds for the Stuart Lodge project rather than the original Resolution. We included a typographical error in the new Resolution that needs to be corrected and we failed to note that the new Resolution would not only amend the overall amount to be issued, the corresponding Enabling Agreement between the Town of Century and the City of Gulf Breeze would also be amended.

A new Resolution has been drafted for your consideration.

### **RECOMMENDATION:**

**THAT THE CITY COUNCIL ADOPT RESOLUTION 03-13 ON FEBRUARY 19, 2013 WHICH AMENDS RESOLUTION 13-12 RELATIVE TO THE STUART LODGE PROJECT.**

## RESOLUTION 3-13

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF GULF BREEZE, FLORIDA AMENDING CITY COUNCIL RESOLUTION 13-12 REGARDING THE ISSUANCE OF CAPITAL TRUST AGENCY REVENUE BONDS TO FUND A LOAN TO FINANCE AN ASSISTED LIVING FACILITY TO BE CONSTRUCTED BY STUART LODGE PROPERTIES, LLC, OR ONE OF ITS AFFILIATES.**

**NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF GULF BREEZE, FLORIDA AS FOLLOWS:**

**SECTION 1.** Amount of Bonds Supplemented.

Resolution No. 13-12 of the Gulf Breeze City Council adopted on August 20, 2012, is hereby amended such that the aggregate principal amount of the bonds authorized thereby is increased from \$25,000,000.00 to \$25,500,000.00; and the City of Gulf Breeze hereby approves the issuance of the bonds more particularly described in Resolution No. 13-12 in aggregate principal amount not exceeding \$25,500,000.00. All references to the sum \$25,000,000.00 in City Council Resolution No. 13-12 are hereby changed to \$25,500,000.00.

**SECTION 2.** Modification of Amendment No. 33 to Interlocal Agreement.

The Amendment No. 33 to Interlocal Agreement ("Amendment"), made and entered into as of the 20<sup>th</sup> day of August, 2012, by and among the Town of Century and the City of Gulf Breeze, shall, upon corresponding action by the Town Council and the City of Gulf Breeze, be deemed to be amended such that the amount of Bonds authorized to be issued thereby is increased from \$25,000,000.00 to \$25,500,000.00, and all references in the Amendment to the sum \$ 25,000,000.00 shall be deemed as having been changed to \$25,500,000.00.

**SECTION 3.** Effective Date

This Resolution, to the extent permitted by law, shall be deemed to have taken effect retroactively to the date of adoption of Resolution No. 13-12.

\_\_\_\_\_  
Beverly H. Zimmern, Mayor

ATTEST:

\_\_\_\_\_  
Marita Rhodes, City Clerk



# City of Gulf Breeze

## Memorandum

To: Mayor and City Council

From:  Edwin A. Eddy, City Manager

Date: 2/7/2013

**Subject: Resolution No. 04-13, Relative to Long Term Financing of Acquisition, Improvement and Expansion of Golf Course**

---

The City closed on the purchase of Tiger Point Golf Club on December 18, 2012 with cash from a "line-of-credit" made possible by deposits the City has with the agency that issued the line of credit. A portion of the funds on deposit are "committed" as long as the line of credit is active.

In addition to the purchase of the facility, we need to invest additional funds to expand, repair and upgrade the facilities. It may make more sense to develop a permanent long term financing program to pay off the line of credit, and to provide cash for the upgrade, etc.

In order to proceed with an underwriter on a prospective plan of finance, the City Council must first adopt a Resolution declaring Council intent to make certain capital expenditures through a long term plan of finance.

It is also necessary to adopt the Resolution by February 15, 2013.

### **RECOMMENDATION:**

**THAT THE CITY COUNCIL HOLD A SPECIAL MEETING DURING THE FEBRUARY 13, 2013 EXECUTIVE SESSION AND ADOPT RESOLUTION NO. 04-13 RELATIVE TO DECLARATION OF COUNCIL INTENT TO ESTABLISH A PLAN OF FINANCE FOR TIGER POINT GOLF CLUB.**

**RESOLUTION  
NO. \_\_-13**

**A RESOLUTION  
TO BE ENTITLED:**

**A RESOLUTION TO DECLARE OFFICIAL INTENT  
WITH RESPECT TO THE REIMBURSEMENT  
OF CAPITAL EXPENDITURES INCURRED  
IN CONNECTION WITH THE ACQUISITION,  
IMPROVEMENT AND EXPANSION OF CERTAIN  
PUBLIC IMPROVEMENTS WITH THE PROCEEDS  
OF THE CITY'S TAX-EXEMPT BONDS;  
PROVIDING AN EFFECTIVE DATE.**

**RECITALS**

1. The City has determined to provide for the acquisition of a golf course, construction of improvements related thereto, expansion of the City's wastewater spray irrigation system thereon and other related improvements, more particularly described in Exhibit A hereto (the "Project").

2. The City expects to finance a portion of the costs of the acquisition, construction and improvement of the Project with the proceeds of tax-exempt bonds.

3. The City expects to incur and pay expenditures relating to the Project prior to issuing such bonds and to reimburse such expenditures from the proceeds of such bonds.

4. The City wishes to declare such intent in order to comply with the requirements of Income Tax Regulation Section 1.150-2 and thereby to assure the eligibility of expenditures incurred or made with respect to the Project for reimbursement from the proceeds of such tax-exempt bonds; NOW, THEREFORE,

**BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF GULF BREEZE, FLORIDA:**

Section 1: Capitalized terms used in this Resolution shall have the meanings given such terms in the Recitals.

Section 2: The City reasonably expects (i) to issue tax-exempt bonds to finance a portion of the costs of the Project, (ii) that certain expenditures relating to the Project will be incurred and paid prior to the issuance of such bonds and (iii) to reimburse such expenditures from the proceeds of such bonds in an aggregate principal amount of approximately that amount set forth in Exhibit A.

Section 3: This Resolution is a declaration of official intent under Income Tax Regulation Section 1.150-2.

Section 4: This declaration of official intent shall be made a part of the official public records of the City. It shall also be available for public inspection when adopted and shall be continuously made available for such public inspection on a reasonable basis at the offices of the City until the issuance of the bonds from which the reimbursement is to be made.

Section 5: This Resolution shall take effect immediately upon its adoption by the City Council

**CITY OF GULF BREEZE, FLORIDA**

By: \_\_\_\_\_  
Its: **Mayor**

Attest:

By: \_\_\_\_\_  
City Clerk

EXHIBIT A

<u>Description of Project</u>	<u>Maximum Amount to be Financed with Tax-Exempt Bonds</u>
The acquisition of a golf course, improvements related thereto, expansion of its wastewater spray irrigation system and other related improvements to enable the City to use portions of the golf course as a wastewater treatment and disposal facility	\$6,300,000



# City of Gulf Breeze

DATE: February 4, 2013  
TO: Edwin A. Eddy, City Manager  
FROM: Vernon L. Prather, Director of Public Services *V.P.*  
RE: Illuminated Street Signs for  
Fairpoint and Daniel Drive Intersections

Staff has researched our options for installing illuminated signs for the Hwy 98 intersections which have mast arms. Our original efforts yielded a total price of \$23,200 for materials and labor from Ingram Signalization. This was deemed excessive, so we evaluated ways to reduce the overall cost.

The most cost effective option is for the City to purchase the signs and materials directly and have Ingram Signalization perform the installation.

We obtained the following pricing per intersection as follows:

<u>Temple Inc.</u>	
2 – illuminated signs	\$ 3,378.00
2 – safety cable assembly	144.00
2 – 10' single cantilever arm	<u>1,918.00</u>
Total per intersection	\$ 5,440.00

Ingram Signalization has provided a quote of \$2,000 per intersection to install the required hardware and wiring.

Since we desire to retrofit both the Fairpoint/Northcliff and Daniel/Hwy 98 intersections, our total cost will be \$14,880.00 which is \$8,320 less than the original quote.

**Recommendation: City Council meet as CRA Board on February 19, 2013 and authorize the purchase of four (4) illuminated signs and hardware from Temple Inc. for \$10,880.00 and authorize installation by Ingram Signalization in the amount of \$4,000.00.**

# TEMPLE, INC.

P.O. Box 2066 / 50 Davis Street  
 Decatur, AL 35602  
 Phone: 800/633-3221  
 Fax: 256/353-4578

**Serving the South's  
 Traffic Needs  
 Since 1954**

**TO:** City of Gulf Breeze  
 ATTN: Harold Hatcher  
 Phone 850-934-5136

DATE:  
**10-Jan-13**  
 TERMS:  
**NET 30 DAYS**  
 DELIVERY:  
**6 to 8 Weeks ARO**  
 SALESPERSON:  
**Keith Frasier**

Page 1 Of 1

QUOTE #: 13-025

**CONDITIONS:** The prices and terms on this quotation are not subject to verbal changes or other agreements unless approved in writing by Temple, Inc.. All quotations and agreements are contingent upon strikes, accidents, fires, availability of materials and all other causes beyond our control. Prices are based on cost and conditions existing on the date of the quotation and are subject to changes by Temple, Inc. before final acceptance.

Item #	Description	Qty	Price	Extended
<b>Option #1</b>				
<b>Double sided, free swinging, DG sheeting, Mounting hardware</b>				
	R409A 18" x 78" Double sided EdgeLit sign, free swinging	2	\$ 1,689.00	\$ 3,378.00
	Hwy E Mod font			
	Set of (2) SP 5668-72" Safety cable assy	2	\$ 72.00	\$ 144.00
	(Recommended for free-swinging signs			
	#1020R, 10' Single cantilever arm and round bracket assy	2	\$ 959.00	\$ 1,918.00
	<b>Total</b>			<b>\$ 5,440.00</b>

<b>Option #2</b>				
<b>Double sided, free swinging, DG sheeting, Mounting hardware</b>				
	R409A 18" x 72" Double sided EdgeLit sign, free swinging	2	\$ 1,661.00	\$ 3,322.00
	Hwy D font			
	Set of (2) SP 5668-72" Safety cable assy	2	\$ 72.00	\$ 144.00
	(Recommended for free-swinging signs)			
	#1020R, 10' Single cantilever arm and round bracket assy	2	\$ 959.00	\$ 1,918.00
	<b>Total</b>			<b>\$ 5,384.00</b>

Tax is not included. City of Gulf Breeze is exempt.  
 Shipping is included FOB shipping point, prepaid and allowed.  
 Expected time to shipment is 6 - 8 weeks after release of order.  
 Temple, Inc reserves the right to charge additional 4% for credit card payments.

Thank you,  
 Temple, Inc.

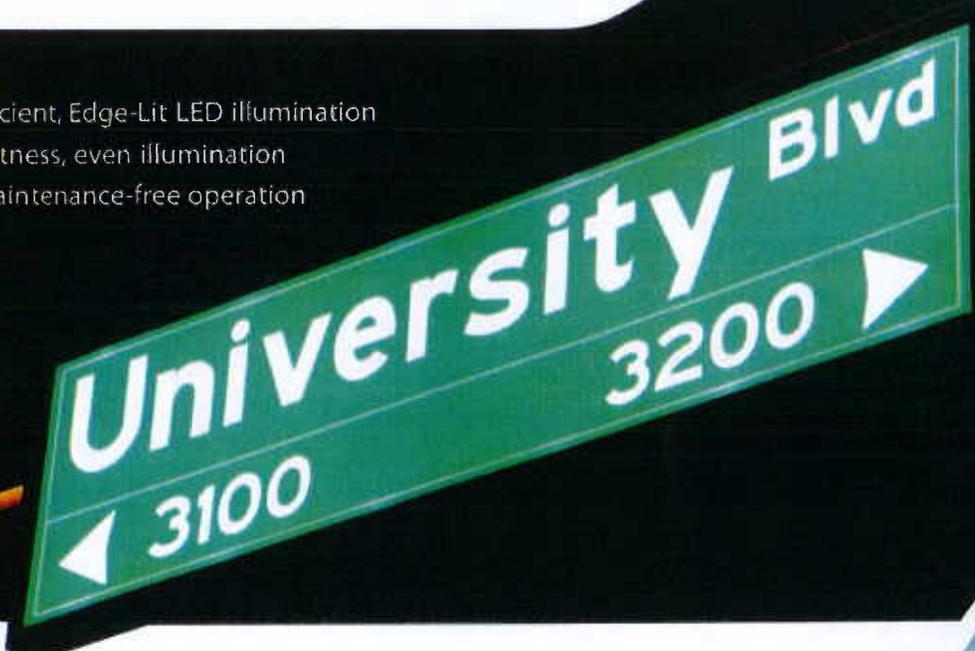
Quote Valid for 30 Days

**Keith Frasier**

*\$1000<sup>00</sup> ea  
 for install  
 w/ wire only*



- Energy-efficient, Edge-Lit LED illumination
- High-brightness, even illumination
- Years of maintenance-free operation



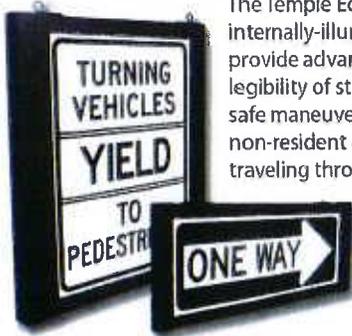
### A Logical Choice

The Temple Edge-Lit R409A is the new standard for internally-illuminated LED street name and regulatory signs. The ultra-efficient LEDs offer years of maintenance-free performance inside a rugged, slim-profile enclosure that's redefining expectations for illuminated signs.

### Improve Traffic Safety

The 2003 MUTCD recommends illuminating all overhead signage, since overhead metal signs receive just 10% of headlamp illumination when compared to roadside signs, making overhead retro-reflective signs less effective in this application.

The Temple Edge-Lit R409A internally-illuminated LED Signs provide advanced visibility and legibility of street name signs for safe maneuvering, particularly for non-resident drivers and tourists traveling through urban areas.



Integrity  
Service  
Relationships

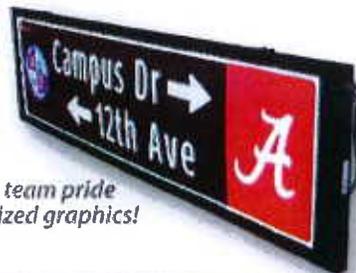
### Cost Savings

Temple's Edge-Lit LED Signs provide exceptionally low cost over the product's entire life-cycle.

Compared to traditional fluorescent signs, the Temple Edge-Lit LED Signs do not require bulb or ballast replacement, they alleviate the very expensive lane closures necessary to maintain fluorescent signs, reduce power consumption by 90%, and are incredibly easy to install.

### Typical Applications

- Large signalized intersections
- Business Districts
- Tourist Corridors
- Streetscape Projects
- Stadium Arterials & Corridors
- University Campuses



Display your team pride  
with customized graphics!





# Temple

1.800.633.3221

www.temple-inc.com

## Edge-Lit Internally-Illuminated LED Signs

Cutting edge technology for Edge-Lit LED illumination



**90% ENERGY SAVINGS**  
over traditional fluorescent signs, and no bulbs or ballasts to replace!



### R409A

### R409A REGULATORY

COMMON SPECIFICATIONS	Internally-Illuminated LED Street Name Signs	Internally-Illuminated LED Regulatory Signs
	<b>MECHANICAL</b>	<b>MECHANICAL</b>
	Dimensions: Length 24" to 120" at 6" increments	Dimensions: Length MUTCD standard sizes from 18" to 36" (width)
	Height 15", 18", 20", 22", 24", 30"	Height 15H" to 36H" Max
	Thickness 1.6"	Thickness 1.6"
	<b>R409A</b>	<b>R409A Regulatory Signs</b>
<b>MATERIAL</b>		
Frame	6000 Series Aluminum housing	6000 Series Aluminum housing
<b>SIGN SHEETING</b>		
Optional Sheeting	ASTM Type IX Retroreflective Sheeting (sign legend and background), per 2003 MUTCD guidance	ASTM Type IX Retroreflective Sheeting (sign legend and background), per 2003 MUTCD guidance
<b>ILLUMINATION</b>		
Contrast Ratio	Legend / Background contrast ratio 4:1 minimum	Legend / Background contrast ratio 4:1 minimum
<b>FONTS</b>		
Default	MUTCD Clearview Font, HWY E Series B, C, D, E Modified, Custom fonts available	MUTCD Clearview Font, HWY E Series B, C, D, E Modified, with Custom fonts available
<b>ENVIRONMENTAL</b>		
Wind Load	150 mph (241 km/h) with 1.14 gust factor and ice loading as per AASHTO LTS-4 2001	150 mph (241 km/h) with 1.14 gust factor and ice loading as per AASHTO LTS-4 2001
Electrical Certification	Listed to UL48	Listed to UL48
<b>MOUNTING OPTIONS</b>		
Under-hang Mount	Accepts Pelco SE-5015 or SE-5146	Accepts Pelco SE-5015, SE-5146, or equivalent
Single-sided Fixed Mount	Accepts Pelco Astro-Brac AS-3009 or equivalent	Accepts Pelco Astro-Brac AS-3009 or equivalent
<b>SIGN SHEETING</b>		
3M™ Electrocut™ film	Yellow, Orange, Green, Black (Opaque), Red, Blue, Brown, and Clear 3M ScotchCal	Yellow, Orange, Green, Black (Opaque), Red, Blue, Brown, and Clear 3M ScotchCal
<b>WEIGHT</b>		
	Maximum of 7 lbs. per sq. ft., single-sided Maximum of 8 lbs. per sq. ft., double-sided	Maximum of 7 lbs. per sq. ft., single-sided Maximum of 8 lbs. per sq. ft., double-sided

Integrity Service Relationships



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Edge-Lit LED Signs  
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forrest.temple@temple-inc.com





# City of Gulf Breeze

## MEMORANDUM

**TO:** Edwin A. Eddy, City Manager  
**FROM:** Thomas E. Lambert, Assistant Director of Public Services  
**DATE:** February 8, 2013  
**RE:** Nightingale Forcemain Relocation

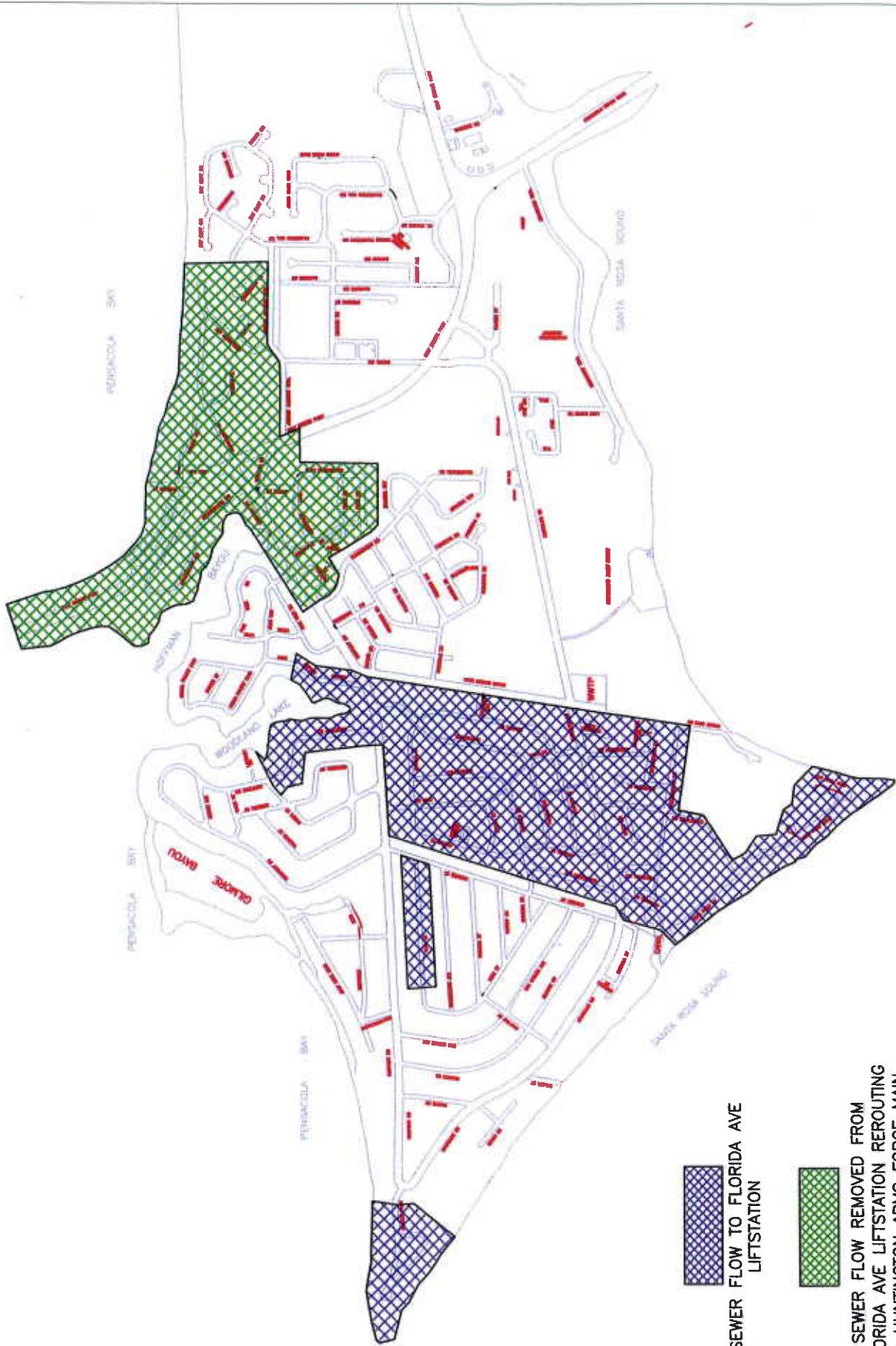
A handwritten signature in blue ink, appearing to be "T. Lambert", is written over the "FROM:" line of the memorandum.

Attached is a diagram showing the sewer areas served by the Florida Avenue lift station. The area shown in green goes through the Nightingale Lane lift station and is pumped to the collection system that goes toward Florida Avenue. In recent years, the City has through grant money or private construction added several new sewer areas along Highpoint Drive, North Sunset Boulevard, Beach Drive and York Street. All of these new areas go to Florida Avenue. And most of the septic tanks that could be abandoned in favor of sewer would also likely go to the Florida Avenue lift station.

In order to reduce the current load on Florida Avenue lift station, staff proposes to reroute the Nightingale lift station forcemain to the trunk main that goes directly to the wastewater treatment facility. While the diagram shows that approximately 40% of the area would be removed from the Florida Avenue station, most of the customers would be heavy commercial probably accounting for 60% of the flow.

The project is estimated to be about \$140,000 and would be budgeted for and constructed in fiscal year 2014. To begin the process, we are asking approval of the survey, design, easement and permitting services in the amount of \$15,400 for Fabre Engineering, Inc. The funding source would be reserves, but the intent is to recover the cost with savings from other capital and expense line items.

**RECOMMENDATION:** The City Council approve the use of Fabre Engineering, Inc. to complete the design and permitting for the Nightingale Lane forcemain relocation for a fee of \$15,400.



SEWER FLOW TO FLORIDA AVE LIFTSTATION



SEWER FLOW REMOVED FROM FLORIDA AVE LIFTSTATION REROUTING TO HUNTINGTON ARMS FORCE MAIN



February 4, 2013  
130018-00-EOP

VIA EMAIL:< [tlambert@ci.gulf-breeze.fl.us](mailto:tlambert@ci.gulf-breeze.fl.us)>  
*Originals to Follow*

Mr. Thomas E. Lambert, P.E.  
South Santa Rosa Utility System  
1070 Shoreline Drive  
Gulf Breeze, Florida 32562

RE: Nightingale Lane Forcemain Improvements

Dear Thomas:

We are pleased to provide you with a fee proposal for the surveying, design, permitting, and bidding assistance associated with the construction of a 4-inch forcemain extension from the lift station located at the intersection of Nightingale Lane and Nightingale Drive easterly to the school property and then southward to a tie-in along Shoreline Drive. The project would involve approximately 4,000 LF of 4" PVC forcemain (see attached aerial).

We have estimated the construction cost for this project based on the information gathered from our meeting of this morning and anticipate that the cost will be on the order of \$140,000 with contingency (see attached estimate). We have estimated our fee proposal accordingly and propose to complete the following scope of services for a lump sum of \$15,400.00:

- Surveying – We will survey along Nightingale Lane from Nightingale Drive south and easterly to the back entrance of the Gulf Breeze School. We will then survey southward along the west school property line to Shoreline Drive. We will establish right-of-way or property lines as appropriate and provide minimal elevation information sufficient to design the forcemain over or under existing utilities.
- Easements – We will generate description drawings for easements from the school and the property owner(s) south of the school as required to construct the line. We will make initial contact with the property owners and facilitate initial easement discussions. We will utilize standard City Easement Documents.
- Nightingale Lift Station Evaluation – In order to adequately size the new forcemain we will review the City's information available on the existing lift station including existing pump data and flow data.
- We will generate construction plans and technical specifications including a Bid Schedule.
- Permitting – We will prepare and submit to FDEP a general Wastewater permit application. We do not anticipate any wetland permitting.

**Mr. Thomas E. Lambert, P.E.**

**February 4, 2013**

**Page Two**

- Bidding Assistance, Permit Certification, and Construction Administration and Monitoring is not included and will be negotiated at a later date if required.

We thank you for choosing Fabre Engineering & Surveying, for your Professional Surveying and Civil Engineering needs. If you have any questions, or require any additional information, please do not hesitate to call.

Sincerely,

**FABRE ENGINEERING & SURVEYING**

A handwritten signature in blue ink, appearing to read 'D. E. Long', is written over the printed name.

Dale E. Long, P.E., LEED AP  
Senior Project Manager

DEL/mac

Attachment

**Nightingale Lane Forcemain Improvements  
City of Gulf Breeze/South Santa Rosa Utility System  
OPINION OF PROBABLE COST**

January 23, 2013

**TOTALS**

NO	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
1	Mobilization	LS	1	\$3,421.50	\$3,421.50
2	Maintenance of Traffic	LS	1	\$3,500.00	\$3,500.00
3	Erosion and Sediment Controls & Restoration	LS	1	\$2,500.00	\$2,500.00
4	4" PVC Forcemain	LF	3,475	\$18.00	\$62,550.00
5	4" PVC Directional Drilling	LF	525	\$50.00	\$26,250.00
6	4" Gate Valves and Boxes	EA	1	\$750.00	\$750.00
7	Air Release Valve in Vault	EA	1	\$1,500.00	\$1,500.00
8	12" x 4" Wet Tap	EA	1	\$3,500.00	\$3,500.00
9	Connect to Existing Lift Station	LS	1	\$2,500.00	\$2,500.00
10	Paved Driveway/Sidewalk Cut and Patch	SY	275	\$40.00	\$11,000.00
<b>SUBTOTAL</b>					<b>\$117,471.50</b>
<b>15% CONTINGENCY</b>					<b>\$17,620.73</b>
<b>GRAND TOTAL</b>					<b>\$135,092.23</b>





# *City of Gulf Breeze*

## *MEMORANDUM*

**TO:** Edwin A. Eddy, City Manager  
**FROM:** Thomas E. Lambert, Assistant Director of Public Services *TEL*  
**DATE:** February 8, 2013  
**RE:** Navarre Street Traffic Calming Study

The public meeting was held on November 15<sup>th</sup>, 2012 to provide an opportunity for the community to provide input to staff and the City's consultant. The meeting was publicly advertised, messaged on utility bills, posted on the web and 287 post cards were sent to those residents that live on or near Navarre Street.

The public meeting was attended by 8 people. From the discussion, with the attendees everyone seemed in favor of speed tables. Our consultant has provided the final report with a document that we can use to solicit quotes for the installation of 4 speed tables.

There is one issue of the high speed of some vehicles turning from Fairpoint Drive on to Navarre Street that we hope will be solved with the speed table placement. Staff will do a follow-up investigation to determine whether additional control is needed.

We expect that the installation will cost \$12,000 to \$15,000 for all four tables, but we will bring the solicited quotes to City Council for approval along with a funding recommendation. At this time we are not recommending any

**RECOMMENDATION: The City Council accept the final report on Navarre Street Traffic Calming, and authorize staff to solicit quotes for the installation of 4 speed tables.**



Kenneth Horne & Associates, Inc.  
CIVIL ENGINEERS

February 6, 2013

Mr. Thomas Lambert  
City of Gulf Breeze  
1070 Shoreline Drive  
Gulf Breeze, FL 32561

Re: Navarre Street Traffic Calming  
Final Recommendation

Dear Mr. Lambert:

I am writing to provide a final recommendation on the Navarre Street Traffic Calming study. In August of 2012 Kenneth Horne & Associates, Inc. (KHA) provided a report detailing alternatives for implementation of traffic calming measures along Navarre Street. The recommended action in this report called for completion of a "spot speed" study for confirmation of the existence of a speeding problem in subject area followed by a public meeting to gauge local support for the implementation of traffic calming measures.

The spot speed study, completed in September of 2012, revealed that the 85% percentile speed was more than 5 MPH over the posted limit. A public meeting held at City Hall on Thursday evening November 15, 2012 revealed unanimous support among attendees for implementation of traffic calming measures on Navarre Street. Given these considerations, it is recommended that the City proceed with installation of traffic calming measures.

After consideration of cost implications, right-of-way limitations, ongoing maintenance/life-cycle costs, and effectiveness of alternative measures, it is recommended that a series of speed tables be installed along Navarre Street. The specific location and details for these tables are depicted in a plan drawing transmitted herewith. It is our understanding that this work will be completed under an on-going open-end contract. The drawings have been prepared with this in mind. If formal bid documents are required, please let us know and we will provide a proposal for that service.

It is also recommended that the City adopt the following "Guidelines" for consideration of future requests for installation of traffic calming measures.

- Citizens desiring installation of traffic calming measures should contact the City communicating the request.
- In order to be considered, the street must be classified as a local road or minor collector. Traffic calming measures should not be employed on major collectors or arterials.

- The average weekday volume (AAWT) should be high enough to justify the expenditure. In general, only streets with traffic volume exceeding 500 vehicles per day (VPD) will be considered for traffic calming measures.
- The 85% percentile speed should be at least five miles over the posted speed limit.
- The street's current speed limit should be posted at no more than 30 mph for a local collector.
- The grade must be less than or equal to 8%.
- The street should not be a primary emergency response route.
- Neighborhood support must be substantial with at least 3/4 of affected citizens in favor of employment of the selected calming measures.

Please call if you have questions or require additional information.

Sincerely,

KENNETH HORNE & ASSOCIATES, INC.

A handwritten signature in blue ink, appearing to read "Kenneth C. Horne", with a stylized flourish at the end.

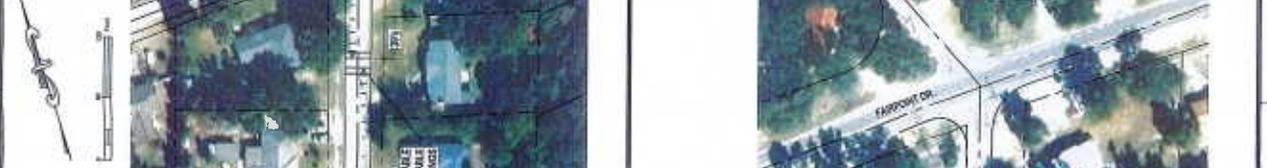
Kenneth C. Horne, P.E.  
President

DATE	12/15/11
PROJECT NO.	11-001
PROJECT NAME	NAVARE STREET TRAFFIC CALMING
CITY	FLORIDA
STATE	FLORIDA
SCALE	AS SHOWN
DRAWN BY	AS/MS
CHECKED BY	AS/MS
DATE	12/15/11
PROJECT NO.	11-001
PROJECT NAME	NAVARE STREET TRAFFIC CALMING
CITY	FLORIDA
STATE	FLORIDA
SCALE	AS SHOWN
DRAWN BY	AS/MS
CHECKED BY	AS/MS
DATE	12/15/11

PLANNING & ENGINEERING, INC. 7201 N. 97th AVENUE, SUITE 9, PENSACOLA, FL 32504 (904) 471-9205, INFO@KH&A.COM, FAX (904) 471-0003

Kenneth Home & Associates, Inc. CIVIL ENGINEERS

NO DATE REVISIONS



NAVARE STREET TRAFFIC CALMING

HALF SIZE

GENERAL NOTES:  
 1. CONSTRUCT SPEED TABLE AT LOCATIONS INDICATED PER DETAILS ON SHEET CIV-2 AND APPLICABLE MUTCD REQUIREMENTS.  
 2. NOTIFY CITY 14 DAYS PRIOR TO COMMENCING CONSTRUCTION.  
 3. PREPARE AND SUBMIT MAINTENANCE OF TRAFFIC PLAN. SECURE APPROVAL OF NOT PLAN PRIOR TO COMMENCING CONSTRUCTION.  
 4. NOTIFY CITY OF ANY POTENTIAL CONFLICT WITH ADJACENT DRIVEWAYS PRIOR TO CONSTRUCTION.  
 5. ALL STRIPS SHALL BE THERMOPLASTIC PER FOOT 2015 SPECIFICATION SECTION 711.

NAVARE STREET TRAFFIC CALMING

HALF SIZE

NAVARE STREET TRAFFIC CALMING

NO.	DATE	REVISIONS

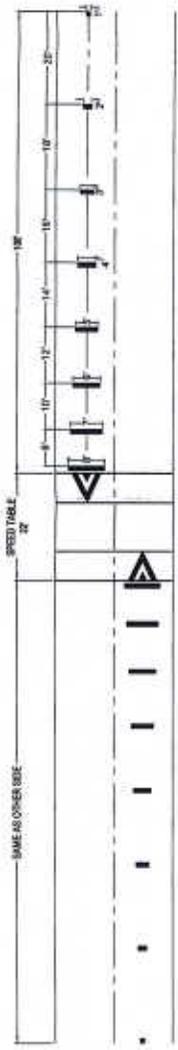
KENNETH HOME & ASSOCIATES, INC.  
 7201 N. 8TH AVENUE, SUITE 9, PENSACOLA, FLORIDA 32504  
 (850) 471-8005, info@kh-a.com, FAX (850) 471-0093  
 P.O. BOX 10669, PENSACOLA, FLORIDA 32524

**KH&A**  
 Kenneth Home & Associates, Inc.  
 CIVIL ENGINEERS

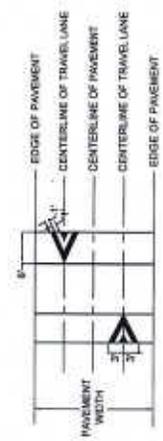
**NAVARRA STREET**  
**TRAFFIC CALMING**  
**DETAILS**

PROJECT NO. 12-36  
 SHEET: 2 OF 2

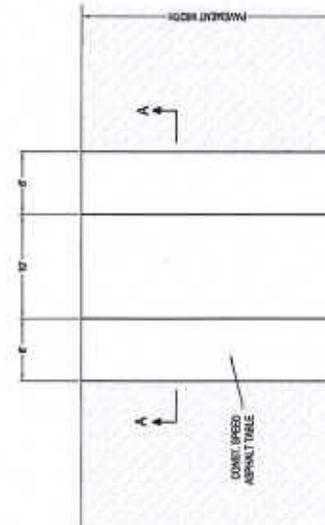
**NAVARRA STREET TRAFFIC CALMING**



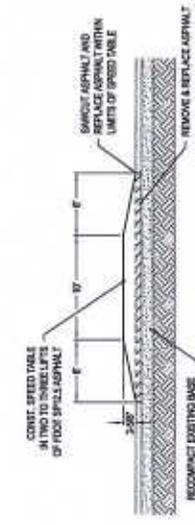
**TYPICAL ADVANCE WARNING MARKINGS FOR SPEED TABLES**  
 N.T.S.



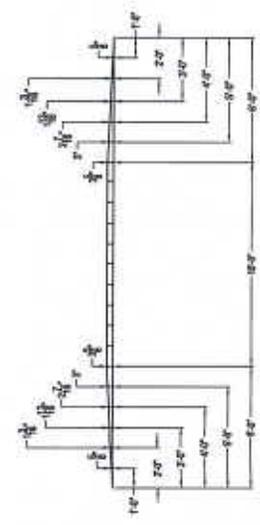
**TYPICAL PAVEMENT MARKINGS FOR SPEED TABLES**  
 N.T.S.



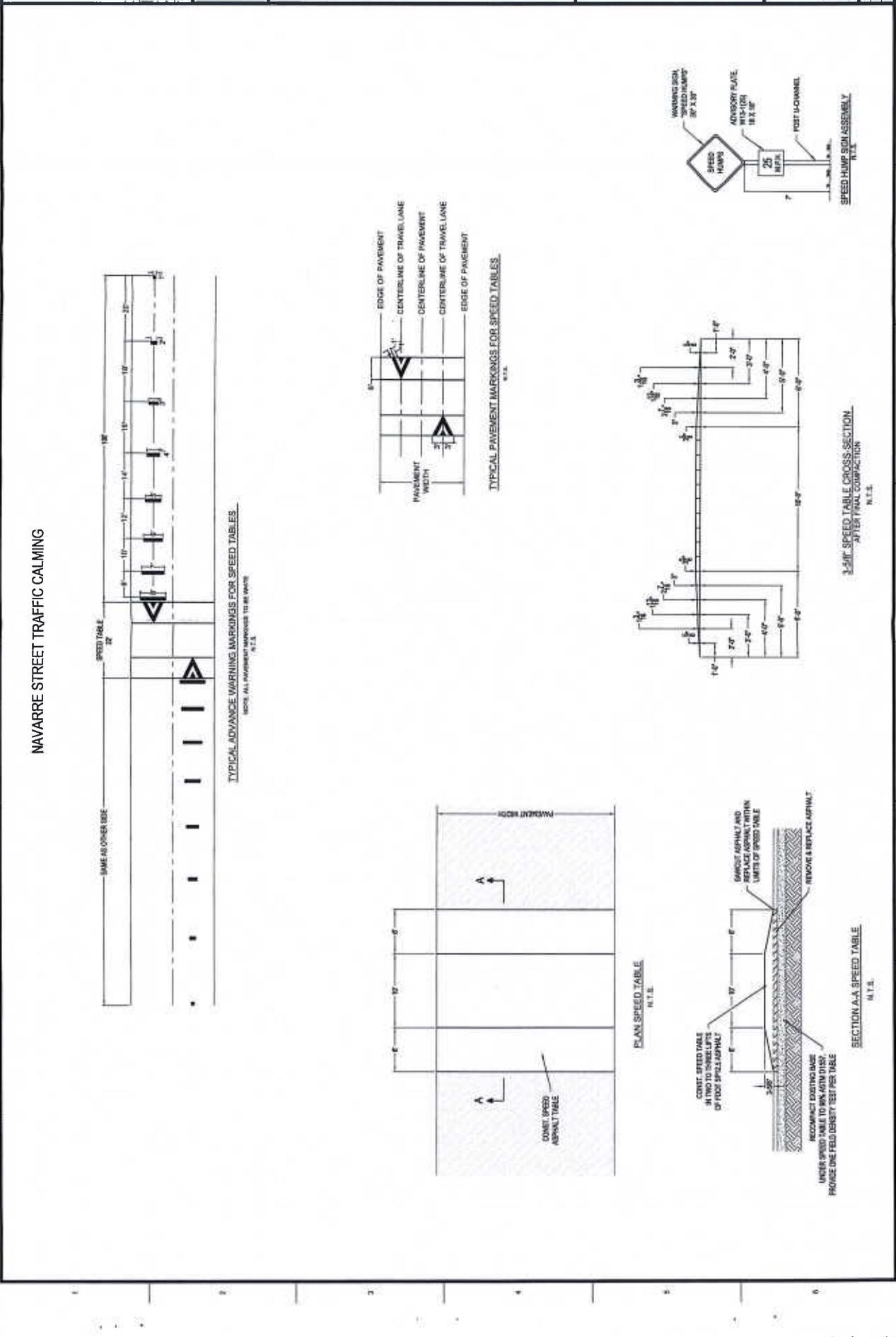
**PLAN SPEED TABLE**  
 N.T.S.



**SECTION A-A, SPEED TABLE**  
 N.T.S.



**3'-6\"/>**





# City of Gulf Breeze

DEPARTMENT OF PARKS AND RECREATION

TO: Edwin A. Eddy, City Manager

FROM: Ron Pulley, Director of Parks and Recreation

A handwritten signature in blue ink, appearing to read "Ron Pulley", is written over the printed name.

SUBJECT: Furniture for the Community Center

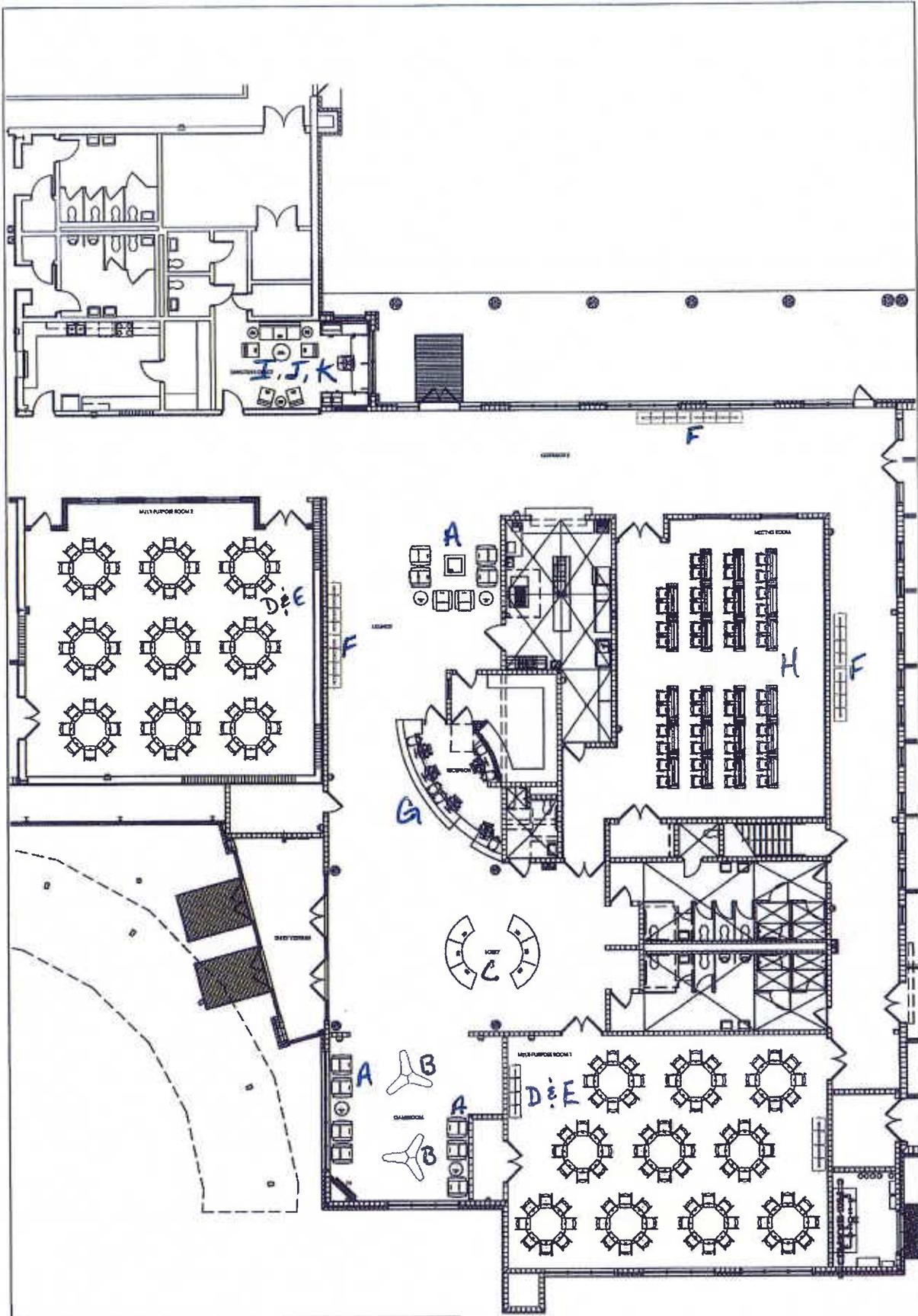
DATE: February 7, 2013

On November 19, 2012, Council approved \$120,000.00 to provide furniture for the new Community Center.

Attached, please find an itemized price list of recommended furniture, which has been developed by the architect in concert with the Community Center staff. Also included is a floor plan, which, together with illustrations of the individual items, has been coded to illustrate the placement of the furniture items. Colors in the illustrations are not necessarily the colors that would be selected to match our new facility.

All of these items are being provided at Florida State Contract Pricing. Complete with shipping, assembly and installation, the total cost is \$121,797.65. Anticipated delivery is 30 days. Staff will be able to utilize our existing tables and chairs during the interim due to the original building being closed for renovation.

**Recommendation: That Council authorize the purchase of the attached list of furnishings at the State Contract price of \$121,797.65, from Business Interiors, Inc. Pensacola, FL.**



CLIENT APPROVAL SIGNATURE: \_\_\_\_\_  
 PRINT: \_\_\_\_\_ DATE: \_\_\_\_\_

SALESPERSON:	REVISIONS	
DATE	REV.	BY
01/10/13	1	
01/23/13	2	
02/01/13	3	

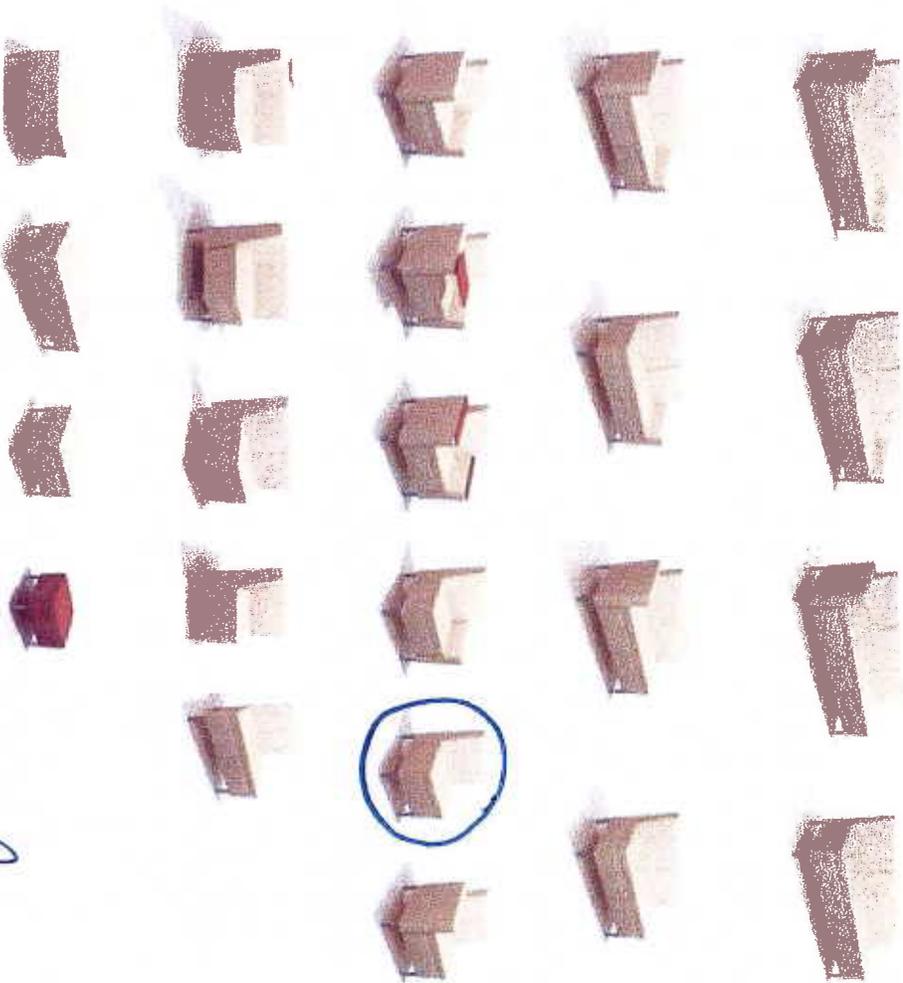
SCALE: NIS  
 DATE: 01/07/13

PROJECT  
**GULF BREEZE  
 COMMUNITY CENTER**

**BI** PROPERTY OF:  
 BUSINESS INTERIORS, INC.  
 30 East Cedar Street  
 SUITE 101  
 Pensacola, FL 32502  
 P (850) 469-1272  
 F (850) 469-1273

Information on this page shall not be duplicated, used, or disclosed outside the State agency or Client to which it has been provided. This information is to be used by the State agency or Client only for evaluating the proposal submitted by Business Interiors, Inc., and not provided to other vendors for development of cost comparisons or for any other purpose.

## Villa easily adapts to changing work environments



- Create endless configurations, or place in conventional, freestanding settings.
- Available in wide selection of woven upholsteries and leathers; backs, seat/ base, and arms can be upholstered in contrasting colors/fabrics.
- Tablet arms can be on the right or left side—or both sides for two-seat units.
- Tables, tablet arms, arm caps, and plateau tops available in wood or laminate; laminate tablet arms, arm caps, and plateau tops have phenolic core.
- Wood tables are finished with Pura<sup>®</sup> our patented UV top coat.
- Wood tablet arms, arm caps, and plateau tops feature an antimicrobial finish.
- Metal legs in platinum metallic finish.



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Villa meets SCS Indoor Advantage<sup>™</sup> Gold certification.



The BIFMA sustainability standard

Villa is level<sup>™</sup> 1 certified. level<sup>™</sup> provides an easy way to understand how our products can contribute to sustainability goals. level<sup>™</sup> ensures a comprehensive, independent and impartial assessment of the environmental and social impacts of a product's manufacture to the BIFMA e3 sustainability standard.

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A

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www.kimballoffice.com

A unit of Kimball International  
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800.482.1818

SSVL ver. 10

# BRIT BENCH

design: Simon Pengelly

B  
-



Metallic Stainless Steel Bench  
w/ BT - 29 1/2" x 18 1/2"



Metallic Stainless Steel Bench  
with Table  
w/ BT - 42 1/2" x 18 1/2"



Metallic Stainless Steel Bench  
with Table and Upholstered Only  
w/ BT - 42 1/2" x 18 1/2"



Metallic Powder Coat Steel Bench  
w/ BT - 29 1/2" x 18 1/2"



Metallic Powder Coat Steel Bench  
with Table  
w/ BT - 42 1/2" x 18 1/2"



Metallic Powder Coat Steel Bench  
with Table and Upholstered Only  
w/ BT - 42 1/2" x 18 1/2"



Upholstered Bench  
w/ BT - 29 1/2" x 18 1/2"



Upholstered Bench with Table  
w/ BT - 42 1/2" x 18 1/2"



Link - Stainless Steel

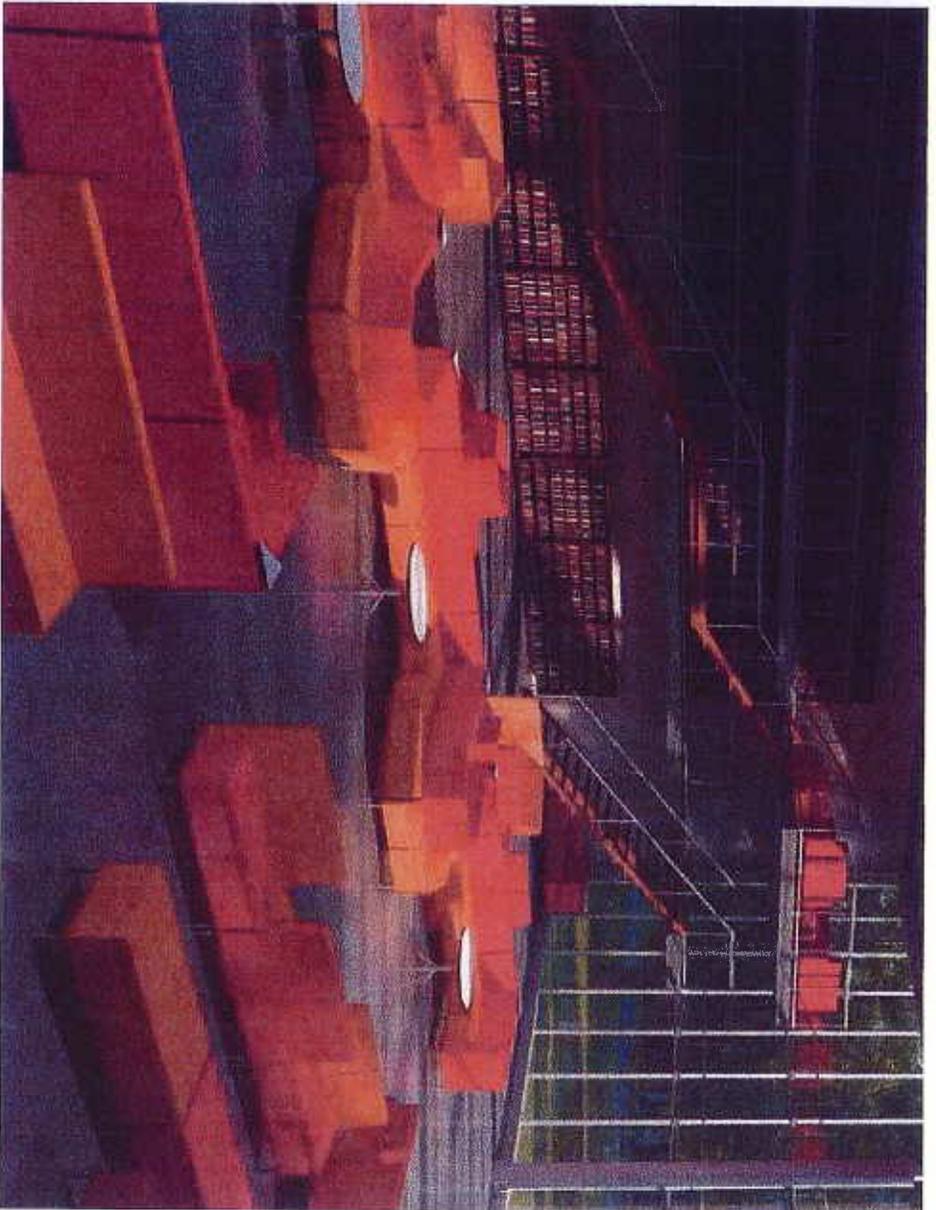
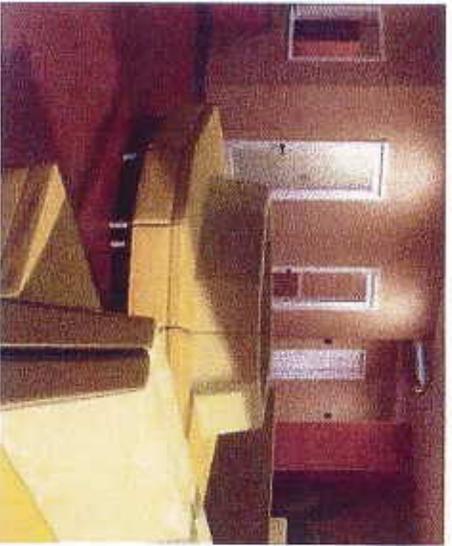


Link - Upholstered



Link - Powder Coat Steel





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Sit back and admire.**

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Kimball® Office | VILLA™

quickstacker™

D



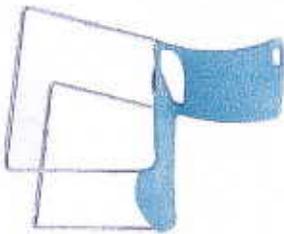
highmark  
seating made simple



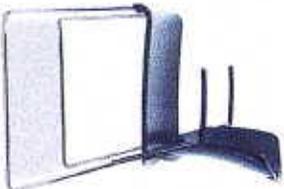
QUICKSTACKER SERIES

quickstacker™

Quickstacker blends form with function for a slim, attractive profile. The plastic contoured seat and back provide added comfort, while allowing stacking of up to 40 chairs high on a dolly. Available in nine popular colors. It's ideal for convention halls, seminar rooms, meeting areas and auditorium settings. Options include ganging, with or without arms and glides.



quickstacker | NO ARMS

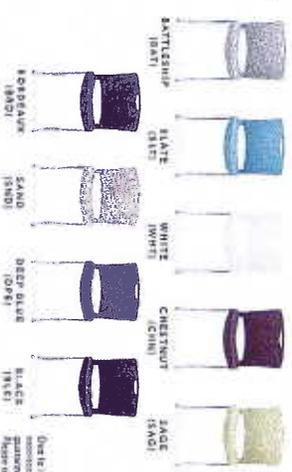


quickstacker | WITH ARMS

- 412
- Nine Plastic Colors
  - Chrome Frame
  - No Arms

- 415
- Nine Plastic Colors
  - Chrome Frame
  - With Arms

Available Colors:



Due to requirements of computer monitors and printers, we cannot guarantee color fidelity. Please refer to the color swatch under a sample color card.

Designed by: Tolson Saul Design

COVER MODELS:



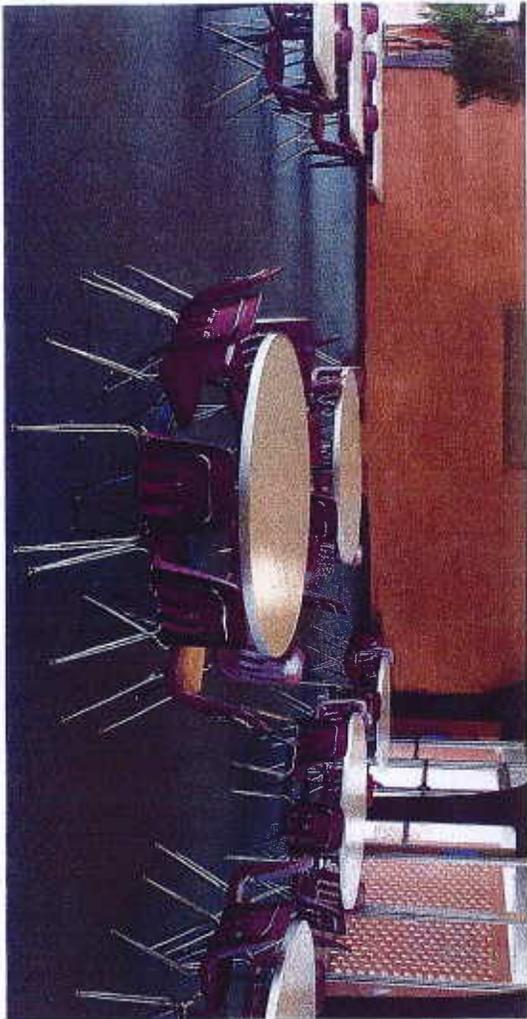
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Huntington Beach  
California 92649

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800.447.4973  
F : 714.903.0444



customerservice@highmarkgo.com



arms with  
formed from  
crafted from  
horizontal  
nd durability.  
es® are  
cyclable.



### 20% Lighter

Created from aluminum  
that is 20% lighter than  
"lightweight" plastic tables.



**Lifetime  
Written  
Warranty**  
Lifetime warranty  
providing unmatched,  
superior quality.



### High Strength

Durable aluminum will not  
warp or crack, no matter the  
event.

3



### 35% Lighter

Tables are 35% lighter than  
"lightweight" conventional  
tables.



**Non-Slip Finish**  
Five non-slip baked on  
finishes are available,  
designed to keep linens  
in place.



### Versatile Edge Profile

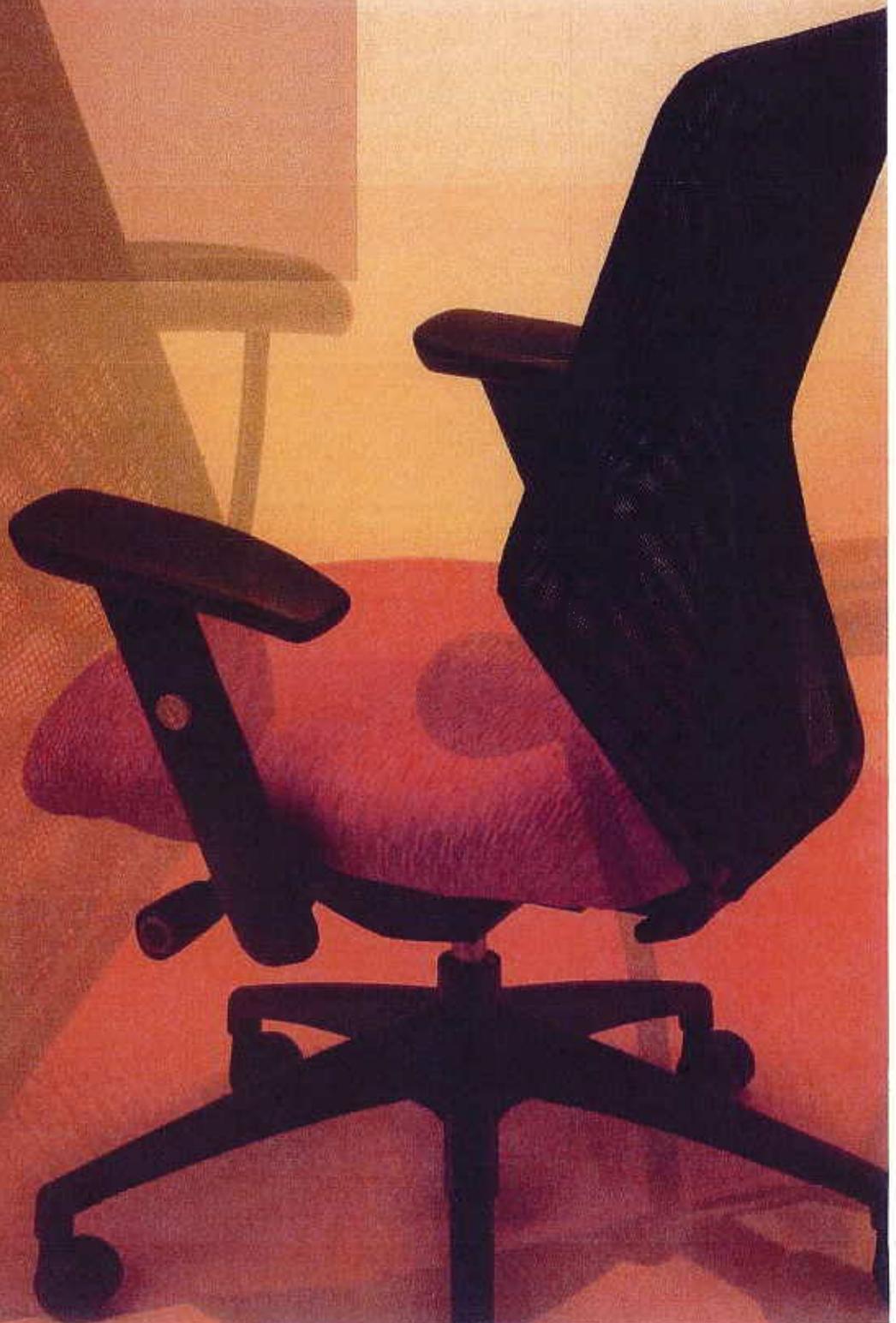
1" edge profile accepts 3/4" or  
1" standard skirt clips.





# MESSENGER™

G  
-



**WaveWorks Flip/Nest Training Tables Environmental and Product Profile**



**Product Name:** WaveWorks Flip/Nest Training Tables

**Contents:** Product Summary  
Environmental Summary  
Contributions to LEED - NC 2.2  
Contributions to LEED - CI 2.0

**Updated:** January 2012

WaveWorks training tables are a simple solution ideal for any group learning environment. With a clean look, durable surfaces and functional design, WaveWorks arranges easily to accommodate any sized training class or activity. Or, it can be tucked away/nested conveniently in a corner when more floor space is required. Choose from wood, laminate or thermofoil tops, an optional power/data center and modesty panel to complete your training table needs. Simple and functional, the keys to effective training... and training tables.

*For additional detailed environmental information, please review our ecoScorecard<sup>SM</sup> tool. A fast and free web-based tool, it is a way to evaluate and select products based on environmental characteristics. With quick calculations of how products contribute to LEED<sup>®</sup> and other green rating systems, you can easily create the documentation necessary for environmental rating system applications. Visit [www.NationalOfficeFurniture.ecoScorecard.com](http://www.NationalOfficeFurniture.ecoScorecard.com) or click on the ecoScorecard<sup>SM</sup> logo to browse our extensive offering of green products.*



Meets level<sup>®</sup> 3 when FSC<sup>®</sup> Certified Wood is specified



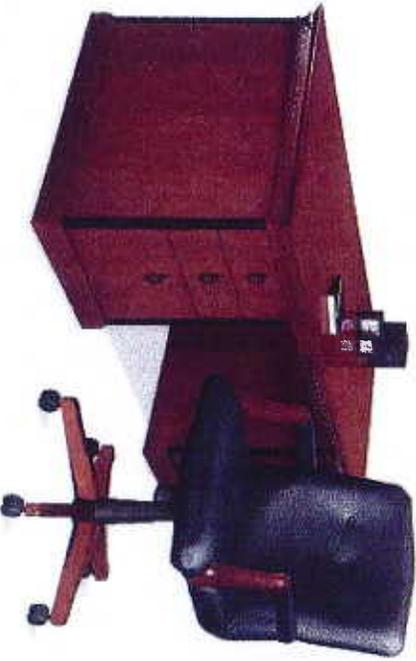
Green product information made simple  
[NationalOfficeFurniture.ecoScorecard.com](http://NationalOfficeFurniture.ecoScorecard.com)

800.482.1717  
[www.NationalOfficeFurniture.com](http://www.NationalOfficeFurniture.com)

H  
-

**NATIONAL** | Furniture with Personality<sup>®</sup>

**Clairmont's generous size, contoured shell and standard adjustability features support users of almost any stature**



- High back, mid-back, and side chairs are available with vertical stitching or button-tufting detail options.
- Clairmont's two arm styles—open or fully enclosed and upholstered—feature gracefully carved wood arm fronts that match the wood base and accentuate the collection's tailored appeal.
- Choose black casters or antique brass English hooded ball casters for traditional applications.
- Webbed seat suspension offers plush support and reduces fatigue. Seat cushions are dual-density foam with waterfall edges for long-term sitting comfort.
- Choose from swivel-tilt or knee-tilt controls to allow users to control their recline.

Clairmont can be specified with a broad spectrum of wood finishes and upholstery options, including all Kimball Office fabrics and leathers, Alliance Program upholsteries, COMs, and COLs.



Clairmont may contribute to LEED credits. Please refer to our Environmental Data Sheets, located on [www.kimballoffice.com](http://www.kimballoffice.com), for specific details.



Clairmont meets SCS Indoor Advantage Gold certification.



The BIFMA sustainability standard

Kimball Office products are level™ certified; level™ provides an easy way to understand how our products can contribute to your sustainability goals. level™ ensures a comprehensive, independent and impartial assessment of the environmental and social impacts of a product's manufacture to the ANSI/BIFMA e3 sustainability standard.



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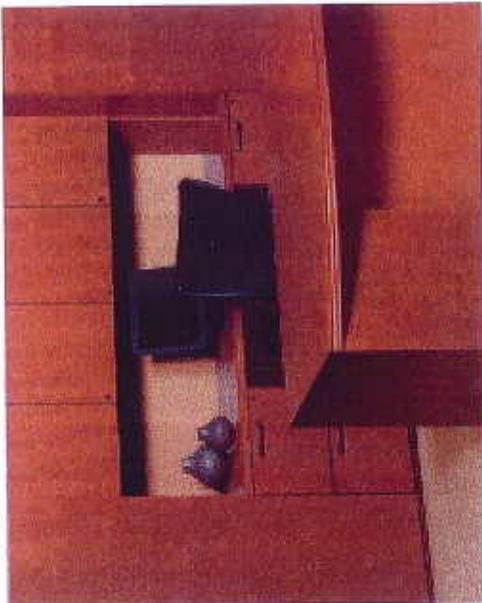
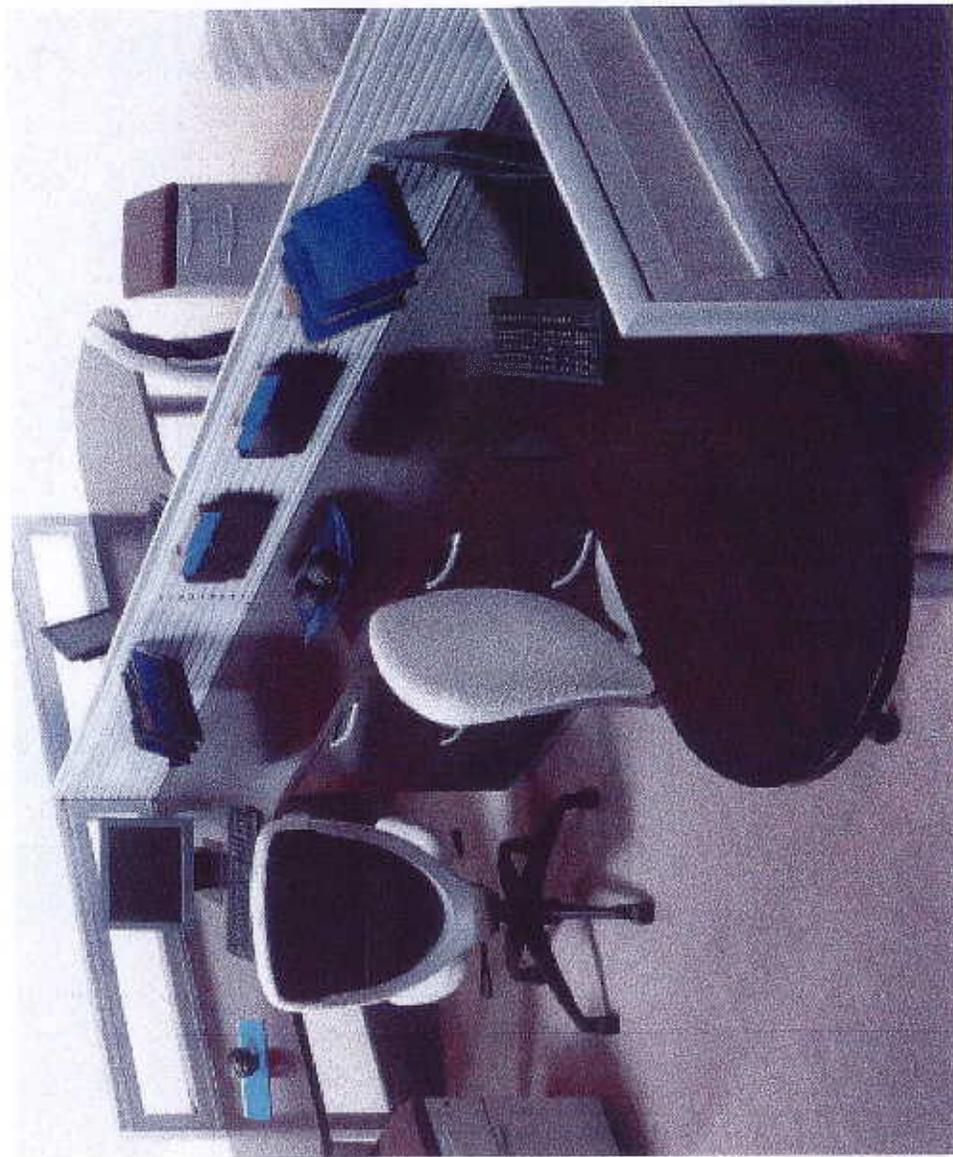
button detail



vertical stitching



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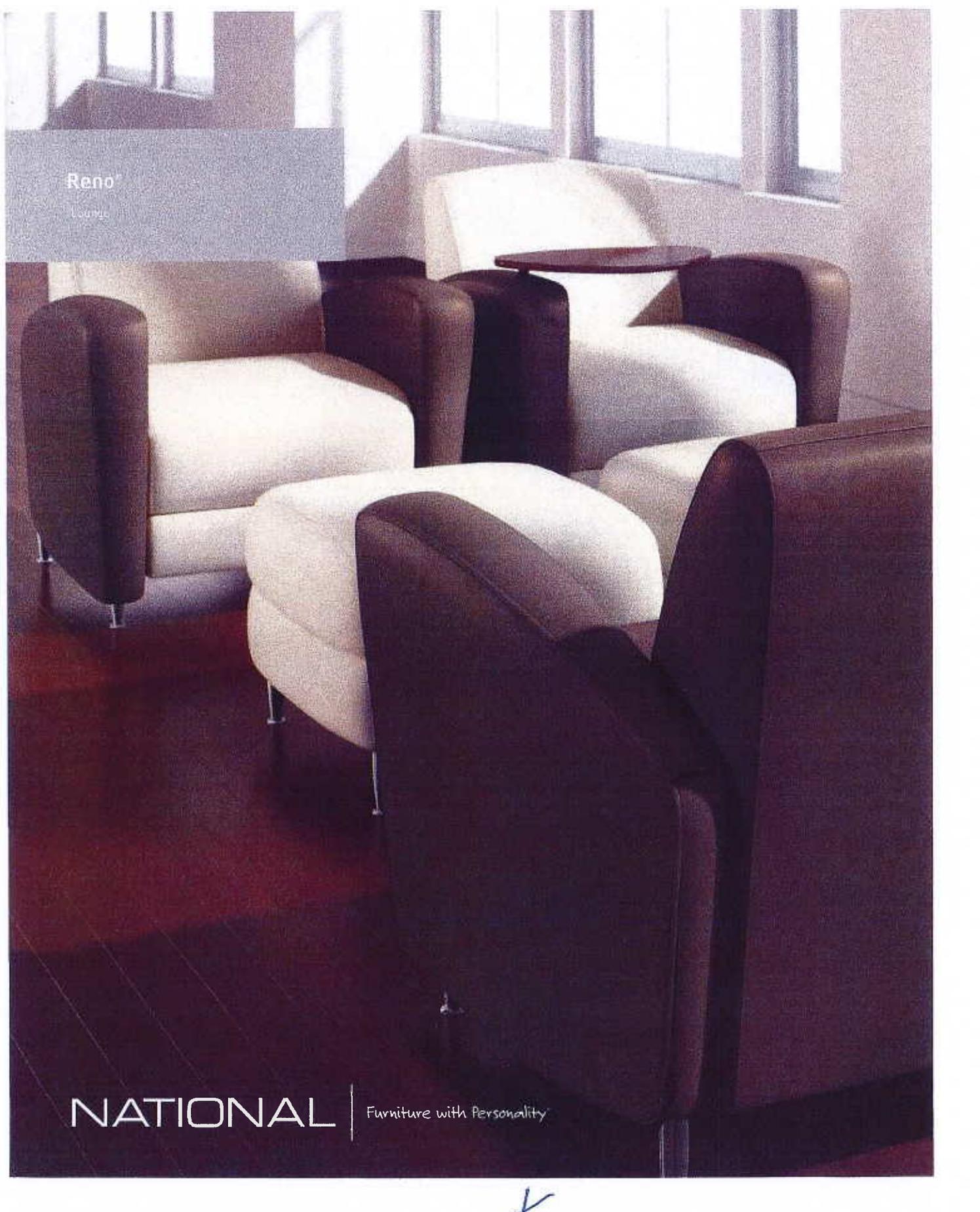
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**Gulf Breeze Community Center Project**  
**GSA/ Florida State Contract Pricing**

Item	Preview	Part Number	Option Group	Part Description	Tag	Qty	List	Ext List	Sell	Ext Sell
1				72" Round Folding Tables Aluminum	016	5	\$ 1,048.00	\$ 9,432.00	\$ 496.84	\$ 4,471.56
2		GHD		Table truck 33"(w) x 73"(l) Round	016	4	\$ 1,399.00	\$ 5,596.00	\$ 662.11	\$ 2,648.44
3		412		Quickstacker, Side Chair, Plastic Back, No Arms	016	72	\$ 165.00	\$ 11,880.00	\$ 69.81	\$ 5,026.32
		W23	GLIDE OPTION	Clear Nylon Glides (Pkg of 4)						
			BOOK RACK O...	NO Book Rack						
			DOLLY OPTION	NO Dolly						
			GANGING DEV...	NO Ganging Device						
			TABLET OPTION	NO Tablet						
			PLASTIC COL...	Skipped Option						
		CAL 117	SURFACE OP...	California Technical Bulletin 117						
		LIP	Surface Option	Upholstered / Plastic Seat						
		P	Surface Grades	Thermoplastic Seat						
sub				Subtotal Room 016				\$ 26,908.00		\$ 12,146.32
4				72" Round Folding Tables Aluminum	104	10	\$ 1,048.00	\$ 10,480.00	\$ 496.84	\$ 4,968.40
5		412		Quickstacker, Side Chair, Plastic Back, No Arms	104	80	\$ 165.00	\$ 13,200.00	\$ 69.81	\$ 5,584.80
		W23	GLIDE OPTION	Clear Nylon Glides (Pkg of 4)						
			BOOK RACK O...	NO Book Rack						
			DOLLY OPTION	NO Dolly						
			GANGING DEV...	NO Ganging Device						
			TABLET OPTION	NO Tablet						
			PLASTIC COL...	Skipped Option						
		CAL 117	SURFACE OP...	California Technical Bulletin 117						
		LIP	Surface Option	Upholstered / Plastic Seat						
		P	Surface Grades	Thermoplastic Seat						
sub				Subtotal Room 104				\$ 23,680.00		\$ 10,553.20
6		CRL4		CRICKET LINEAR 4 SEAT BENCH	102	4	\$ 3,316.00	\$ 13,264.00	\$ 1,819.76	\$ 7,279.04
				LINOLEUM						
7		LBC		CRICKET CONNECTOR LINEAR FOR BENCHES	110	2	\$ 480.00	\$ 960.00	\$ 263.41	\$ 526.82
				LINOLEUM						
sub				Subtotal				\$ 14,224.00		\$ 7,805.86
8						0	\$ 1,006.00	\$ 0.00	\$ 0.00	\$ 0.00
		X	GROMMET	NO GROMMET						
			LAMINATE CO...	Skipped Option						
		501	PAINTE COLOR	PLATINUM METALLIC						
9		CRL4		CRICKET LINEAR 4 SEAT BENCH	110	2	\$ 3,316.00	\$ 6,632.00	\$ 1,858.00	\$ 3,316.00
				LINOLEUM						
10		LBC		CRICKET CONNECTOR LINEAR FOR BENCHES	110	1	\$ 480.00	\$ 480.00	\$ 240.00	\$ 240.00
				LINOLEUM						
11		N95RRL		SWIFT, COFFEE TABLE, GLASS/LAMINATE	110	1	\$ 1,586.00	\$ 1,586.00	\$ 650.26	\$ 650.26
		STD	LAMINATE PRI...	STANDARD GROUP 1						
			LAMINATE CO...	Skipped Option						
		503	PAINTE	SATIN NICKEL METALLIC						
12		N12BBW		RENO, MOBILE 1 SEAT LOUNGE, WOOD LEGS	110	8	\$ 1,880.00	\$ 11,160.00	\$ 762.60	\$ 4,575.60
		4	UPHOLSTERY ...	GRADE 4						
			PRIMARY UPH...	Skipped Option						
		503	PAINTE	SATIN NICKEL						
			FINISH	Skipped Option						
sub				Subtotal Room 110				\$ 19,858.00		\$ 8,781.86
13		HMDE72G		72W x 73 1/4H, Porcelain Mobile	113	1	\$ 3,418.00	\$ 3,418.00	\$ 1,900.00	\$ 1,900.00
			Paint Color	Skipped Option						
			Gene Color	Skipped Option						
14		16N2746LCL		UNIVERSAL 27WX46H, LECTERN, LAMINATE	113	1	\$ 2,860.00	\$ 2,860.00	\$ 1,172.80	\$ 1,172.80

# Gulf Breeze Community Center Project

Item	Preview	Part Number	Option Group	Part Description	Tag	Qty	List	Ext List	Sell	Ext Sell
15		412		Quickstacker, Side Chair, Plastic Back, No Arms	113	48	\$ 165.00	\$ 7,590.00	\$ 89.81	\$ 3,211.28
		W23	GLIDE OPTION	Clear Nylon Glides (Pkg of 4)						
			BOOK RACK O...	NO Book Rack						
			DOLLY OPTION	NO Dolly						
			GANGING DEV...	NO Ganging Device						
			TABLET OPTION	NO Tablet						
			PLASTIC COL...	Skipped Option						
		CAL 117	SURFACE OP...	California Technical Bulletin 117						
		UP	Surface Option	Upholstered / Plastic Seat						
		P	Surface Grades	Thermoplastic Seal						
16		D16		QUICKSTACKER DOLLY   Stacks 40 high	113	4	\$ 300.00	\$ 1,200.00	\$ 126.93	\$ 507.72
17		WW1860RTFAT L		WAVEWORKS, 18DX60W, TRAINING TABLE, FLIP/NEST, LAMINATE	113	23	\$ 1,216.00	\$ 27,968.00	\$ 498.56	\$ 11,466.89
			RIM PROFILE	Skipped Option						
		X	GROMMET	NO GROMMET						
		BTD	TOP LAMINAT...	STANDARD LAMINATE						
			LAMINATE CO...	Skipped Option						
		501	PAINT COLOR	PLATINUM METALLIC						
sub				Subtotal Room 113				\$ 43,036.00		\$ 18,258.46
18				72" Round Folding Tables Aluminum	ADD	18	\$ 1,048.00	\$ 19,912.00	\$ 496.84	\$ 9,439.96
19				30X72" Rectangular Fixed Height Table	ADD	18	\$ 561.00	\$ 10,688.00	\$ 266.32	\$ 5,080.08
20		412		Quickstacker, Side Chair, Plastic Back, No Arms	ADD	152	\$ 165.00	\$ 25,080.00	\$ 89.86	\$ 10,651.92
		W23	GLIDE OPTION	Clear Nylon Glides (Pkg of 4)						
			BOOK RACK O...	NO Book Rack						
			DOLLY OPTION	NO Dolly						
			GANGING DEV...	NO Ganging Device						
			TABLET OPTION	NO Tablet						
			PLASTIC COL...	Skipped Option						
		CAL 117	SURFACE OP...	California Technical Bulletin 117						
		UP	Surface Option	Upholstered / Plastic Seat						
		P	Surface Grades	Thermoplastic Seal						
sub				Subtotal ADD ON				\$ 55,651.00		\$ 25,493.98
21		IEF1		FOOTPRINT, SURFACE, FLAT BRACKET	DIRECT OR	2	\$ 10.00	\$ 20.00	\$ 4.01	\$ 8.02
22		FEP1227L		FOOTPRINT, 12WX27H, FREESTAN D/NG, END PANEL, LAMINATE	DIRECT OR	3	\$ 235.00	\$ 705.00	\$ 94.24	\$ 282.72
			LAMINATE CO...	Skipped Option						
			SPECIAL DEP...	Skipped Option						
			SPECIAL HEIG...	Skipped Option						
			FINISH TOP E...	Skipped Option						
			DELETE VEIN ...	Skipped Option						
23		FEP2327L		FOOTPRINT, 23WX27H, FREESTAN D/NG, END PANEL, LAMINATE	DIRECT OR	4	\$ 381.00	\$ 1,524.00	\$ 152.70	\$ 611.12
			LAMINATE CO...	Skipped Option						
			SPECIAL DEP...	Skipped Option						
			SPECIAL HEIG...	Skipped Option						
			FINISH TOP E...	Skipped Option						
			DELETE VEIN ...	Skipped Option						
24		FMP8427L		FOOTPRINT, 84WX27H, MODESTY FINISH PANEL, LAMINATE	DIRECT OR	2	\$ 856.00	\$ 1,712.00	\$ 343.26	\$ 686.52
			LAMINATE CO...	Skipped Option						
			SPECIAL WID...	Skipped Option						
			SPECIAL HEIG...	Skipped Option						
			FINISH TOP E...	Skipped Option						
			DELETE VEIN ...	Skipped Option						
25		FMP8827L		FOOTPRINT, 88WX27H, MODESTY FINISH PANEL, LAMINATE	DIRECT OR	1	\$ 867.00	\$ 867.00	\$ 347.67	\$ 347.67
			LAMINATE CO...	Skipped Option						
			SPECIAL WID...	Skipped Option						
			SPECIAL HEIG...	Skipped Option						
			FINISH TOP E...	Skipped Option						
			DELETE VEIN ...	Skipped Option						

# Gulf Breeze Community Center Project

Item	Preview	Part Number	Option Group	Part Description	Tag	Qty	List	Ext List	Sell	Ext Sell
26		F5B2310L		FOOTPRINT, 23DX18WX27H, STOR AGE, BOX/BOX/FILE, LAM, SQUARE OR PF	DIRECT	1	\$ 1,244.00	\$ 1,244.00	\$ 498.84	\$ 498.84
		KRB	PULL LOCK PRIMARY/CHA...	Skipped Option RANDOM CORE INCL, NOT INST... Skipped Option						
27		F5F2310L		FOOTPRINT, 23DX18WX27H, STOR AGE, FILE/FILE, LAMINATE, SQUAR OR E PF	DIRECT	1	\$ 1,244.00	\$ 1,244.00	\$ 498.84	\$ 498.84
		KRB	PULL LOCK PRIMARY/CHA...	Skipped Option RANDOM CORE INCL, NOT INST... Skipped Option						
28		F5L233627L		FOOTPRINT, 23DX36WX27H, STOR LATERAL OR FILE, UDSF, LAM, SQUARE PF	DIRECT	1	\$ 2,104.00	\$ 2,104.00	\$ 843.70	\$ 843.70
		KRB	PULL LOCK PRIMARY/CHA...	Skipped Option RANDOM CORE INCL, NOT INST... Skipped Option						
29		S33D102WSSL		FOOTPRINT, 38DX102W, SURF, I 3/16T, STR, LAM, SGL RIM PF	DIRECT	1	\$ 873.00	\$ 873.00	\$ 350.07	\$ 350.07
		P	RIM PROFILE	1/8" MOLDED PVC						
			LAMINATE PRI...	Skipped Option						
			RIM COLOR	Skipped Option						
			SPECIAL DEP...	Skipped Option						
			SPCL WIDTH, 9...	Skipped Option						
			ADD WIRE MA...	Skipped Option						
			ADD WIRE MA...	Skipped Option						
			GROMMET, LEFT	Skipped Option						
			GROMMET, CE...	Skipped Option						
			GROMMET, RI...	Skipped Option						
			MITER CUT	Skipped Option						
30		S32484WSSL1		FOOTPRINT, 24DX84W, SURF, I 3/16T, STR, LAM, SGL RIM PF	DIRECT	2	\$ 997.00	\$ 1,994.00	\$ 739.40	\$ 1,478.80
		P	RIM PROFILE	1/8" MOLDED PVC						
		STD	LAMINATE PRI...	STANDARD GROUP 1						
			LAMINATE CO...	Skipped Option						
			RIM COLOR	Skipped Option						
			SPECIAL DEP...	Skipped Option						
			SPCL WIDTH, 7...	Skipped Option						
			ADD WIRE MA...	Skipped Option						
			ADD WIRE MA...	Skipped Option						
			GROMMET, LEFT	Skipped Option						
			GROMMET, CE...	Skipped Option						
			GROMMET, RI...	Skipped Option						
			MITER CUT	Skipped Option						
31		K609		VILLA, LOUNGE, THREE SEAT, WITHOUT ARM	DIRECT	1	\$ 2,977.00	\$ 2,977.00	\$ 1,193.78	\$ 1,193.78
		2	BACK UPHOL...	GRADE 2						
			BACK UPHOL...	Skipped Option						
		2	SEAT UPHOLS...	GRADE 2						
			SEAT UPHOLS...	Skipped Option						
		SOFT	SEAT CUSHION	SOFT CUSHION						
32		K601A		VILLA, LOUNGE, ONE SEAT, WITH ARMS	DIRECT	4	\$ 1,984.00	\$ 7,936.00	\$ 1,955.56	\$ 7,822.24
		2	BACK UPHOL...	GRADE 2						
			BACK UPHOL...	Skipped Option						
		2	SEAT UPHOLS...	GRADE 2						
			SEAT UPHOLS...	Skipped Option						
		2	ARM UPHOLS...	GRADE 2						
			PRIMARY UPH...	Skipped Option						
		SOFT	SEAT CUSHION	SOFT CUSHION						
33		K60TR4219L		VILLA, TABLE, ROUND, 42x19, LAMINATE TOP	DIRECT	1	\$ 2,574.00	\$ 2,574.00	\$ 1,032.17	\$ 1,032.17
		STD	FINISH PRICE	STANDARD GROUP 1						
			FINISH COLOR	Skipped Option						
		STD	LAMINATE PRI...	STANDARD GROUP 1						
			LAMINATE CO...	Skipped Option						
		X	GROMMET	NO GROMMET						

# Gulf Breeze Community Center Project

Item	Preview	Part Number	Option Group	Part Description	Tag	Qty	List	Est List	Sell	Est Sell
34		K60TR1810L		VILLA TABLE, ROUND, 18X19, LAMINATE TOP	DIRECT OR	2	\$ 1,222.00	\$ 2,444.00	\$ 490.02	\$ 990.04
		STD	FINISH PRICE	STANDARD GROUP 1						
			FINISH COLOR	Skipped Option						
		STD	LAMINATE PRI...	STANDARD GROUP 1						
			LAMINATE CO...	Skipped Option						
		X	GROMMET	NO GROMMET						
35		20-2613V		CLAIRMONT HI-BACK, OPEN ARM, VERTICAL STITCH, KNEE TILT PNEU	DIRECT OR	1	\$ 2,042.00	\$ 2,042.00	\$ 818.84	\$ 818.84
		F	PRIMARY UPH...	GRADE 6						
			PRIMARY UPH...	Skipped Option						
		STD	FINISH PRICE ...	STANDARD GROUP 1						
			FINISH COLOR	Skipped Option						
		C3	CASTER	BLACK HARD DUAL WHEEL						
sub				Subtotal Director				\$ 29,460.00		\$ 11,813.45
36		01NB0424ENL		MYRIAD 24DX24W, END TABLE, LAMINATE	GAME ROOM	2	\$ 1,006.00	\$ 2,012.00	\$ 412.46	\$ 824.92
		X	GROMMET	NO GROMMET						
			LAMINATE CO...	Skipped Option						
		501	PAINTE COLOR	PLATINUM METALLIC						
37		8855		BRIT BENCH ALUMINUM	GAMER OOM	2	\$ 3,855.00	\$ 7,710.00	\$ 1,927.50	\$ 3,855.00
		GR B		GRADE B FABRIC						
38		N32BBW		RENO. MOBILE T SEAT LOUNGE, WOOD LEGS	GAMER OOM	4	\$ 1,860.00	\$ 7,440.00	\$ 762.60	\$ 3,050.40
		4	UPHOLSTERY ...	GRADE 4						
			PRIMARY UPH...	Skipped Option						
		503	PAINT	SATIN NICKEL						
			FINISH	Skipped Option						
sub				Subtotal Game Room				\$ 17,162.00		\$ 7,730.32
39		K20CB		VILLA LOUNGE, 45 CRESCENT BENCH	LOBBY	6	\$ 1,894.00	\$ 11,364.00	\$ 759.49	\$ 4,556.94
		2	SEAT UPHOLS...	GRADE 2						
			SEAT UPHOLS...	Skipped Option						
		STD	SEAT CUSHION	STANDARD						
sub				Subtotal Lobby				\$ 11,364.00		\$ 4,556.94
40		12S2418PMFF		FOOTPRINT, 24DX15WX27H, STOR RECEPT PED, FF, MOBILE, FLAT PF, PAINT ION		3	\$ 659.00	\$ 1,977.00	\$ 201.65	\$ 604.95
		E	PULL	EXTENDED						
		KRB	LOCK	RANDOM CORE INCL, NOT INST...						
		STD	PAINT PRICE ...	STANDARD GROUP 1, NON-MET...						
			PAINT COLOR	Skipped Option						
41		12S2415PMBB		FOOTPRINT, 24DX15WX25H, STOR RECEPT PED, BBF, MOBILE, FLAT PF, PAINT ION		3	\$ 701.00	\$ 2,103.00	\$ 214.51	\$ 643.53
		E	PULL	EXTENDED						
		KRB	LOCK	RANDOM CORE INCL, NOT INST...						
		STD	PAINT PRICE ...	STANDARD GROUP 1, NON-MET...						
			PAINT COLOR	Skipped Option						
42		2122T.A56		Messenger, Swivel Tilt Cntrl, A56 Adjustable Arms	RECEPT ION	5	\$ 501.00	\$ 2,505.00	\$ 180.36	\$ 901.80
		FABRIC	Fabric or Leath...	Fabric Grade Selections						
		26-GRID0	Fabric Grade S ...	Fabric Grade 2						
			Fabric Grade 2 ...	Skipped Option						
			Polished Alumi...	Std Black Base						
		C15	Caster Selection	Std Casters, 55mm, No Barrel						
			Packaging Opti...	Std Packaging						
sub				Subtotal Reception				\$ 6,585.00		\$ 2,150.28
43				Contingency for Finishes		1	\$ 0.00	\$ 0.00	\$ 4,800.00	\$ 4,800.00
44				Freight		1	\$ 0.00	\$ 0.00	\$ 3,267.00	\$ 3,267.00
45				Installation		1	\$ 0.00	\$ 0.00	\$ 4,800.00	\$ 4,800.00
sub				Subtotal Services				\$ 0.00		\$ 12,867.00
				Grand Total				\$ 247,928.00		\$ 121,797.65

Your Savings: List Price Product Total \$ 247,928.00 | Sell Price Product Total \$ 121,797.65



# City of Gulf Breeze

DEPARTMENT OF PARKS AND RECREATION

TO: Ron Pulley

FROM: Ryan Ottensmeyer

DATE: February 5, 2013

SUBJECT: Community Center Reservation Request

The Mayoki Panazacola Indian Krewe would like to host their Annual Mayoki Ball at the Gulf Breeze Community Center on June 1, 2013. They want to set up from 3pm to 6pm and then the Ball will be from 6pm to 12am. At 12am the clean up crew provided by the Mayoki's will come in to clean up after themselves. The cost for the hourly gym, kitchen, and conference room reservations and the time and a half cost for Community Center staff totaling \$1,000. There is an additional \$500 fee for exclusive use of the building. The Community Center will be closed to all other patrons. This fee is consistent with other regional facilities. The event will not conflict with any other events scheduled in the Community Center.

The Ball will be hosted in the new Gymnasium of the Community Center. The blue floor covering will be laid out on the court so no tables or chairs will make direct contact with the gym flooring. There will be 2 stages, 1 for the band and 1 for the Mayoki Court. Both stages will be on the concrete walkways that surround the gym floor. Attached is a map that lays out how the setup will be for the ball.

The Mayoki's will be providing food and drinks, which includes alcohol and non-alcoholic drinks, from 7pm to 12am. The Ball will include the introduction of its new member, dancing, awards and mingling between all of its current members. They are expecting up to 500 people at the Ball.

The Mayoki's will provide the proper insurance forms for the function. Also, The Community Center will have 1-2 staff members on duty that will be paid time and a half for after hours work by the Mayoki's, which is included in the agreed upon rental price. Along with the Community Center staff the Mayoki's will be providing a Police Officer from 6pm to 12am. The police officer will be paid from the Mayoki's for his or her time.

**Recommendation: To grant the Mayoki Panazacola Indian Krewe an exclusive reservation for the Community Center on June 1, 2013 from 3pm to Midnight for a fee of \$1,500.00.**

**Director's Recommendation: I concur with Mr. Ottensmeyer's recommendation.**



# City of Gulf Breeze

## Memorandum

To: Mayor and City Council

From:  Edwin A. Eddy, City Manager

Date: 2/7/2013

**Subject: Shoreline Drive and South Park Road Sculpture**

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We are nearly ready to install the third sculpture on the east side of the intersection of the road to Shoreline Park South and Shoreline Drive. This is a ceramic sculpture created by Peter King.

There are two (2) pending actions as we move toward an April Installation:

1. Design of a base foundation; and
2. Construction of the foundation

Attached is a letter from Roger Craft regarding the design. Mr. Craft completed the design work for \$1,000. The proposed plans were reviewed by David Alsop of Sam Marshall Architects. Hewes Construction proposes to build the foundation for a total cost not to exceed \$18,000. Mr. Alsop has reviewed both proposals and recommends approval.

### **RECOMMENDATION:**

**THAT THE CITY COUNCIL APPROVE PAYMENT OF \$1,000 TO ROGER CRAFT FOR THE DESIGN OF THE FOUNDATION FOR THE PETER KING SCULPTURE AND \$18,000 TO HEWES CONSTRUCTION FOR CONSTRUCTION OF THE FOUNDATION.**



City of Gulf Breeze  
co Mr. David Alsop AIA  
Sam Marshall Architects  
325 S. Palafox St  
Pensacola, Florida 32502

November 14, 2012

RE: Gulf Breeze Shoreline Arch

Dear David,

Thank you for your request of RAC Engineering, Inc., (RAC) to offer the structural engineering services for the above referenced project.

**Scope of Services:**

Provide structural analysis and design and construction documents for the construction of a new concrete structure to support new art project .

Documents to be delivered in approximately one week from notification to proceed.

**Fee:**

Total Fee: **\$1,000.00**

**Invoicing:**

RAC will issue an invoice for full amount upon delivery of the signed and sealed documents.

Payment terms are net 30 days unless otherwise accepted by RAC

I appreciate the opportunity to offer this proposal and look forward to working with you on this project. Should you have questions or require further clarification regarding the above proposal please do not hesitate to contact us.

Respectfully yours,

Accepted by: \_\_\_\_\_ Date: \_\_\_\_\_

Roger A Craft PE

Should the above proposal be acceptable please sign and return the enclosed copy for our files.

Accepted: \_\_\_\_\_

Date: \_\_\_\_\_



Construction Managers • General Contractors • Design Builders

January 16, 2013

Sam Marshall Architects  
Attn: David Alsop  
325 South Palafox Street  
Pensacola, FL 32502

RE: Shoreline Arch  
City of Gulf Breeze

Dear David,

Per RAC Engineering Inc plans dated December 8, 2012, Hewes and Company proposes to perform concrete construction of the Shoreline Arch project for the lump sum of \$18,000.

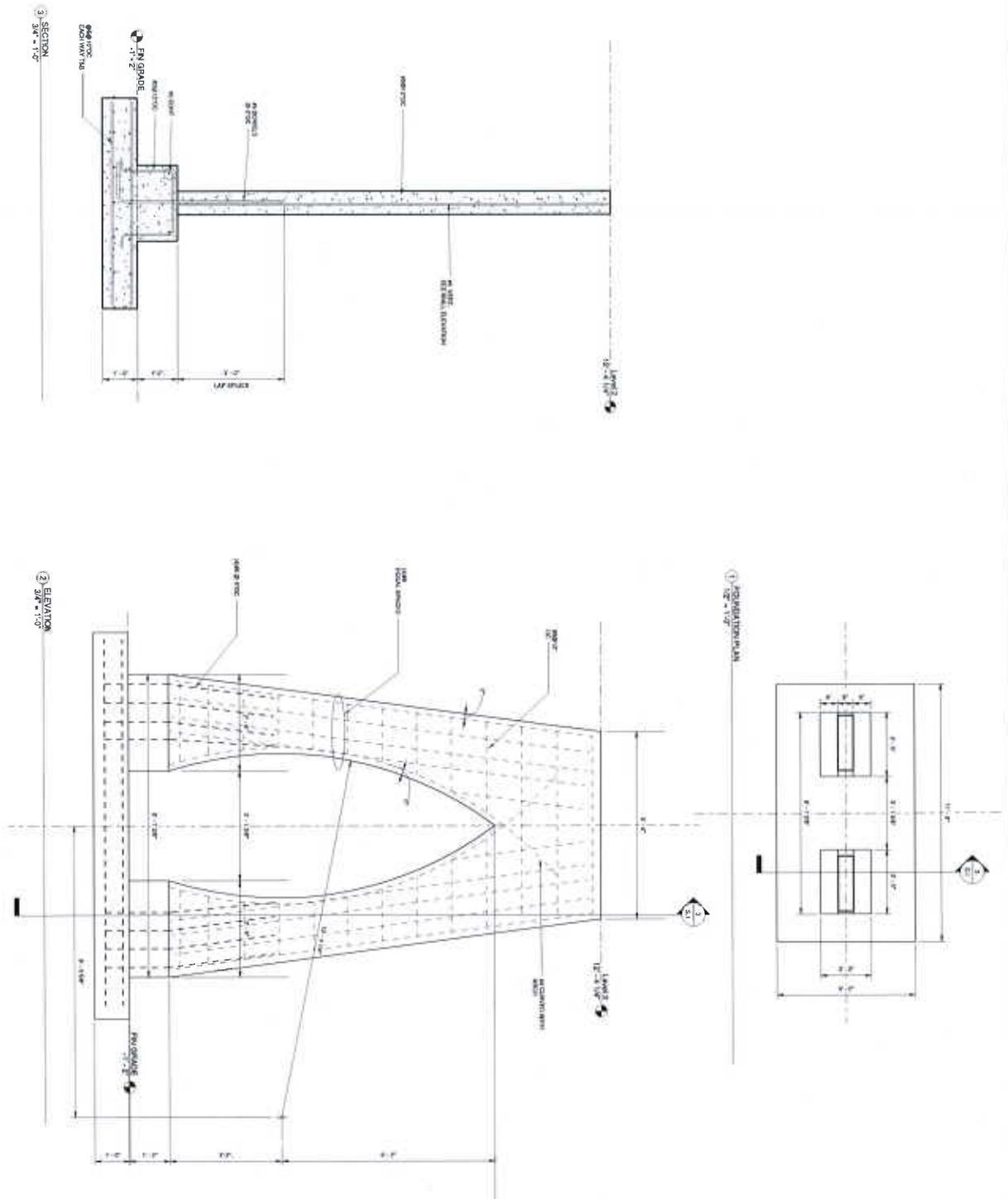
Our Scope of work should take approximately 2-3 weeks once a Notice to Proceed or Permit is issued.

Please notify us in writing if this is acceptable and we will proceed with ordering materials.

Sincerely,

A handwritten signature in black ink, appearing to read "Max Saam", written in a cursive style.

Max Saam  
Vice President



<p><b>FAC Engineering Inc.</b>          503 S.R. 90A          120 HIGHLAND TOWER          GULF BREEZE, FLORIDA 32501          904-772-8200</p>	<p>Scale: Other          PROJECT NO.: 1001          SHEET NO.: 1001-1          01/09/12 PL. 2009</p>	<p>Project Data:  <b>CITY OF GULF BREEZE</b>  <b>SHORELINE ARCH</b>          GULF BREEZE, FLORIDA</p>	<p>Arch Plan, Elevation &amp; Section  <b>S.1</b></p>
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February 7, 2013



**VIA REGULAR U.S. MAIL**

Beverly Zimmern, Mayor  
623 Baycliffs Drive  
Gulf Breeze, Florida 32561

J.B. Schluter  
203 Gulf Breeze Parkway  
Gulf Breeze, Florida 32561

Joseph Henderson  
801 Poinciana Drive  
Gulf Breeze, Florida 32561

Cherry Fitch  
306 Plantation Road  
Gulf Breeze, Florida 32561

David Landfair  
701 Baycliff Drive  
Gulf Breeze, Florida 32561

**RE:** City of Gulf Breeze - Legal Services  
Our File No.: G1001-007

Dear Mayor Zimmern and Members of the City Council:

For almost twenty-three years it has been my pleasure to serve as legal counsel for the City of Gulf Breeze. I have enjoyed the opportunity work with many wonderful people associated with the City. I look forward to continuing our relationship for many years to come.

It has been my practice approximately every two years to reevaluate my firm's internal costs and billing rates to determine if it would be appropriate to adjust the hourly rates that I charge the City. The last adjustment I sought was in November 2010 (which went into effect on December 1, 2010). That request normally would have been made in 2009, however, in light of the difficult financial circumstances confronted by the City at the time, I decided to defer seeking a rate adjustment for another year.

It has now been well over two years since I last proposed an adjustment. During that time my operating costs have modestly increased. I respectfully request a \$10.00 per hour

Mayor Zimmern and Members of the City Council  
February 7, 2013  
Page 2

adjustment, which results in a 2.3% annual increase. I would ask that the new rate go into effect on March 1, 2013.

My standard billing rates for non-governmental entities are typically \$285.00 per hour. For governmental entities for whom I do not serve as general counsel, my current billing rate is typically between \$250.00 and \$270.00 per hour. I trust that you will find that my requested 2.3% annual increase to \$190.00 per hour is fair and reasonable. I believe that the rate I charge the City of Gulf Breeze compares favorably to those being paid by other local governmental entities.

I respectfully ask that you consider this matter at your next set of meetings. In the meantime, I would ask that each of you please call me if you have any questions.

Sincerely,



Matt E. Dannheisser  
For the Firm

MED:sdl

cc: Edwin A. Eddy, City Manager



# City of Gulf Breeze

DEPARTMENT OF PARKS AND RECREATION

TO: Edwin A. Eddy, City Manager

FROM: Ron Pulley, Director of Parks and Recreation

SUBJECT: Walking Path Recommendation

DATE: February 8, 2013

Bids were received and opened for the Recreational Sidewalk Improvement Project on January 30th at 2:00 p.m. Eleven (11) bids were received.

The bids were structured in the following manner... the **Base Bid** included the actual sidewalk construction. **Bid Option #1** provided for an alternate design of the handrail on the boardwalk portion of the sidewalk. **Bid Option #2** included the provision of electrical lighting from the eastern edge of the rear Library parking lot to the Parks Maintenance Building. **Additive Alternate #1** included the provision of electrical lighting from the Parks Maintenance Building to Sunset Avenue.

Following a review of the bids, our recommendation is that we proceed with the project as described in the **Base Bid** only. Bid Options #1, #2 and Additive Alternate #1 are not recommended at this time.

During the qualifying process following the bid opening, D & B Federal, LLC, who provided the low Base Bid of \$117,642.50, indicated that they did not wish to proceed with the project unless it included Bid Option #2, thereby making the cost of the project \$247,818.50. Since they did not provide a bid bond and refused to accept the project at their Base Bid, D & B Federal, LLC has been disqualified.

**Recommendation:** That Council award a contract to North Florida Construction, Inc. of Clarksville, FL in the amount of \$146,147.50, for the construction of the Base Bid portion of the Recreational Sidewalk Improvement Project.

BID TABULATION SHEET

January 30, 2013 at 2:00PM  
 Recreation Center Sidewalk Improvements

Company	BASE BID	Bid Option 1 - Alternate Board Walk	Bid Option 2 - Electrical
⑩ Morette Company	\$ <i>Penacosta</i> 270,233.61	\$ 26,920.35	\$ 92,231.50
③ Hewes & Company, LLC	\$ <i>Penacosta</i> ✓ 170,266.45	\$ 19,133.48	\$ 88,516.40
⑤ Perdido Grading & Paving	\$ <i>Penacosta</i> ✓ 209,000.00	\$ 22,684.00	\$ 107,500.00
⑪ The Green-Simmons Company, Inc.	\$ <i>Penacosta</i> 358,857.45	\$ 2,295.00	\$ 135,235.00
④ Southeastern Construction, Inc.	\$ <i>Penacosta</i> ✓ 172,701.00	\$ 17,595.00	\$ 86,454.00
⑧ J. Miller Construction, Inc.	\$ <i>Penacosta</i> ✓ 248,330.00	\$ 31,977.00	\$ 129,679.00
⑦ Chavers Construction, Inc.	\$ <i>Penacosta</i> ✓ 232,750.00	\$ 24,480.00	\$ 115,320.00
⑨ Gulf Atlantic Constructors, Inc.	\$ <i>Penacosta</i> ✓ 268,770.00	\$ 23,715.00	\$ 112,960.00
① D&B Federal LLC	\$ <i>noting</i> ✓ 117,642.50	\$ 12,125.25	\$ 130,176.00
② North Florida Construction, Inc.	\$ <i>Clarkeville</i> ✓ 146,147.50	\$ 28,687.50	\$ 102,530.00
⑥ Roads Inc of NWF	\$ <i>Contonment</i> ✓ 224,712.14	\$ 31,365.00	\$ 132,720.00

# NORTH FL. COAST

*Jamie Miller*

## Gulf Breeze Recreational Sidewalk Improvement Project - Schedule of Values

### Base Bid - Civil Site Work

Item No.	Description	Quantity	Unit	Unit Price	Amount
1	Mobilization	1	LS	2200 <sup>00</sup>	2200 <sup>00</sup>
2	Clearing & Grubbing	0.95	AC	2900 <sup>00</sup>	2755 <sup>00</sup>
3	Silt Fence / Erosion Control	4,500	LF	1 <sup>00</sup>	4500 <sup>00</sup>
4	Minor Demolition (Remove Sidewalk/Gravel)	1	LS	2850 <sup>00</sup>	2850 <sup>00</sup>
5	Seed and Mulch Disturbed Areas	2,000	SY	.44	880 <sup>00</sup>
6	Bahia Sod	500	SY	2.20	1100 <sup>00</sup>
7	Earthwork	500	CY	9.00	4500 <sup>00</sup>
8	6' Concrete Sidewalk (4" Thick, 3000 PSI, Fiber Mesh Reinforced)	3,950	LF	17.50	69,125 <sup>00</sup>
9	6' Concrete Sidewalk (6" Thick, 3000 PSI, Reinforced w/ No. 5 Bars @ 12" O.C.)	110	LF	26.50	2,915 <sup>00</sup>
10	ADA Compliant Handrails	440	LF	38.50	16,940 <sup>00</sup>
11	Raised Boardwalk w/ Guardrail and Vinyl Coated Wire Fence	765	SF	28.50	21,802 <sup>00</sup>
12	Retaining Wall	125	SY	56.00	7,000 <sup>00</sup>
13	Paint 4' White Stripping	400	LF	1.10	440 <sup>00</sup>
14	Paint 12" Thermoplastic Stripping	50	LF	8.80	440 <sup>00</sup>
15	Paint 24" Thermoplastic Stripping	30	LF	22.00	660 <sup>00</sup>
16	FDOT Standard W11-2 Sign	4	EA	300.00	1200 <sup>00</sup>
17	FDOT Standard W16-9P Sign	2	EA	275.00	550 <sup>00</sup>
18	FDOT Standard W16-7PL Sign	2	EA	275.00	550 <sup>00</sup>
19	Detectable Handicap Warning Mat	12	SF	50.00	600 <sup>00</sup>
20	Concrete Sidewalk Flume	2	EA	1320.00	2640 <sup>00</sup>
21	Testing	1	LS	2500.00	2500 <sup>00</sup>
<b>Total</b>					<b>146,147<sup>50</sup></b>

### Bid Option #1 - Civil Site Work

Item No.	Description	Quantity	Unit	Unit Price	Amount
1	Raised Boardwalk w/ 2"x2" Wooden Pickets in place of Base Bid Item No. 11	765	SF	37.50	28,687 <sup>50</sup>
<b>Total</b>					<b>28,687<sup>50</sup></b>

**Note:** All items not specifically listed in the Bid Schedule needed to perform the construction, shall be included within the unit prices given above.

Bid Option #2 -- Electrical Site Work

Exterior Lighting					
Item No.	Description	Quantity	Unit	Unit Price	Amount
1	Exterior Pole Lights -- Pedestrian Way 15'	24	EA	3,920 <sup>00</sup>	94,080 <sup>00</sup>
2	Circuiting -- UG Exterior	1,870	LF	5 <sup>00</sup>	9,350 <sup>00</sup>
Lighting Control					
3	Musco Lighting Control Allowance	1	EA	\$1,500.00	\$1,500.00
Total					104,930 <sup>00</sup>

Additive Alternative #1 -- Exterior Lighting					
Item No.	Description	Quantity	Unit	Unit Price	Amount
1	Exterior Pole Lights -- Pedestrian Way 15'	17	EA	3,920 <sup>00</sup>	66,640 <sup>00</sup>
2	Circuiting -- UG Exterior	1,250	LF	3 <sup>40</sup>	4,250 <sup>00</sup>
Total					70,890 <sup>00</sup>

Contractor Name and Address:

North Florida Construction, Inc.  
P.O. Box 129  
Clarksville, FL 32430

Phone: 850-674-5730

Signed: *Clifford Newsome*

Printed Name: Clifford Newsome

Title: President

Date: 1/30/2013

Acknowledge Receipt of Addendum #1

Signed: *Stacy N. Miller*

Printed Name: Stacy N. Miller

Acknowledge Receipt of Addendum #2

Signed: *Stacy N. Miller*

Printed Name: Stacy N. Miller

Note: All items not specifically listed in the Bid Schedule needed to perform the construction, shall be included within the unit prices given above.

D & B FEDERAL

Janid

Gulf Breeze Recreational Sidewalk Improvement Project- Schedule of Values

Base Bid - Civil Site Work

D & B

Item No.	Description	Quantity	Unit	Unit Price	Amount
1	Mobilization	1	LS	\$1500	\$1500
2	Clearing & Grubbing	0.95	AC	\$4500	\$4275
3	Silt Fence / Erosion Control	4,500	LF	\$1.05	\$4725
4	Minor Demolition (Remove Sidewalk/Gravel)	1	LS	\$1750	\$1750
5	Seed and Mulch Disturbed Areas	2,000	SY	\$0.45	\$900
6	Bahia Sod	500	SY	\$1.95	\$975
7	Earthwork	500	CY	\$3.58	\$1790
8	6' Concrete Sidewalk (4" Thick, 3000 PSI, Fiber Mesh Reinforced)	3,950	LF	\$15.50	\$61,225
9	6' Concrete Sidewalk (6" Thick, 3000 PSI, Reinforced w/ No. 5 Bars @ 12" O.C.)	110	LF	\$20.00	\$2200
10	ADA Compliant Handrails	440	LF	\$35.75	\$15730
11	Raised Boardwalk w/ Guardrail and Vinyl Coated Wire Fence	765	SF	\$15.00	\$11475
12	Retaining Wall	125	SY	\$42.50	\$5312.50
13	Paint 4' White Stripping	400	LF	\$1.65	\$660
14	Paint 12" Thermoplastic Stripping	50	LF	\$9.02	\$451
15	Paint 24" Thermoplastic Stripping	30	LF	\$18.00	\$540
16	FDOT Standard W11-2 Sign	4	EA	\$230	\$941
17	FDOT Standard W16-9P Sign	2	EA	\$71.50	\$143
18	FDOT Standard W16-7PL Sign	2	EA	\$71.50	\$143
19	Detectable Handicap Warning Mat	12	SF	\$19	\$228
20	Concrete Sidewalk Flume	2	EA	\$975	\$1790
21	Testing	1	LS	\$750	\$750
<b>Total</b>					\$117642.50

Bid Option #1 - Civil Site Work

Item No.	Description	Quantity	Unit	Unit Price	Amount
1	Raised Boardwalk w/ 2"x2" Wooden Pickets in place of Base Bid Item No. 11	765	SF	\$15.85	\$12125.25
<b>Total</b>					\$12125.25

Note: All items not specifically listed in the Bid Schedule needed to perform the construction, shall be included within the unit prices given above.

Bid Option #2 – Electrical Site Work

Exterior Lighting					
Item No.	Description	Quantity	Unit	Unit Price	Amount
1	Exterior Pole Lights – Pedestrian Way 15'	24	EA	\$4700	\$112800
2	Circuiting – UG Exterior	2100	LF	\$7.56	\$15876
Lighting Control					
3	Musco Lighting Control Allowance	1	EA	\$1,500.00	\$1,500.00
<b>Total</b>					<b>\$130176</b>

Additive Alternative #1 – Exterior Lighting					
Item No.	Description	Quantity	Unit	Unit Price	Amount
1	Exterior Pole Lights – Pedestrian Way 15'	16	EA	\$4700	\$75200
2	Circuiting – UG Exterior	1500	LF	\$7.56	\$11340
<b>Total</b>					<b>\$86540</b>

Contractor Name and Address:

D&B Federal LLC

PO Box 430

Molino, FL 32577

Phone: 850 - 587 - 3597

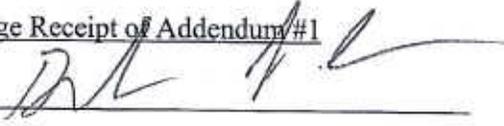
Signed: 

Printed Name: Douglas J Janke

Title: President

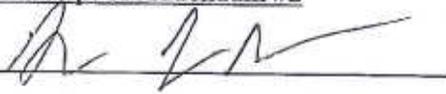
Date: 30 Jan 2013

Acknowledge Receipt of Addendum #1

Signed: 

Printed Name: Douglas J Janke

Acknowledge Receipt of Addendum #2

Signed: 

Printed Name: Douglas J Janke

**Note: All items not specifically listed in the Bid Schedule needed to perform the construction, shall be included within the unit prices given above.**