APPENDIX C

YMCA PROPOSED DEVELOPMENT PLAN FOR BETHEL PARK

US Army Corps of Engineers
Mobile District

Department Of The Army
Corps Of Engineers
Lease Application
For Bethel Park on Lake Sidney Lanier, Georgia

YMCA Camp High Harbour Services
of the YMCA of Metropolitan Atlanta, Inc.
200 Main Street, Suite 108
Gainesville, GA 30501
Phone: 770-532-2267 Fax: 800-954-5586
www.ymcaatlanta.org

Final Application 2-23-07

YMCA
We build strong kids,
strong families, strong communities.

February 21, 2007

Department of the Army
Mobile District, Corps of Engineers
Attention: Col. Taylor
Post Office Box 2288
Mobile, Alabama 36628-0001

Dear Sir,

There has been a considerable amount of discussion surrounding the YMCA of Metropolitan Atlanta's application and plan to develop a year-round summer camp and family retreat center at Bethel Park. Regardless of external factors, the YMCA's proposal – as you will glean from the attached re-submittal remains the highest and best use of available public land, is fully funded at no cost to taxpayers, and will offer programs which are inclusive of the diverse demographic and socioeconomic makeup of metro Atlanta and North Georgia. Any alternative, in our judgment, would be detrimental to the Corps' mission of identifying able caregivers to create new and unique opportunities for people to enjoy federal parklands and facilities.

We respectfully remind the Corps of the uniqueness of the YMCA's application. The YMCA has a signed letter of intent for Bethel Park with the Corps dated April 2004. Demand for the park, in the configuration proposed by the Y, is expected to be exceptionally strong: Close to 15,000 people in north Georgia support the plan and thousands of children are on waiting lists for YMCA camps. Additionally, any question of Bethel Park's availability prior to the YMCA's interest and involvement has been diminished by signed affidavits from a former Corps colonel and several former Forsyth County elected officials. Each account attests to the fact the Corps offered its available properties – including Bethel Park – on numerous occasions to the county, over a number of years, only to have every offer rejected.

Above all, the YMCA is requesting only one lake park out of nine the Corps seeks to lease. The YMCA is one of the most benevolent organizations in the world with the experience and financial resources to fully fund and develop a first-class haven for children and families. While we can appreciate external interest in leasing the other eight lakeside parks, the YMCA's plan for Bethel Park is in alignment with the Corps' desire for operational sustainability that goes beyond the status quo. Throughout the nation, the YMCA has proven to be an organization that understands how to fund, develop, maintain, and sustain programs and facilities over a long period of time. We do it for a living and do it well. As evidenced by park closures or givebacks, local governments generally do not have a positive record with respect to fully utilizing the parks it leases because of budget constraints and shortfalls. The YMCA can move forward immediately; fulfilling the Corps' vision for a rejuvenated Bethel Park. Forsyth County has publicly stated that its sources of funding are unknown.

As such, the following are key facts to consider as the Corps evaluates the YMCA's proposal.

SIGNIFICANT MARKET RESEARCH

- The YMCA's plan to develop a youth camp and family retreat facility at Bethel Park is a direct result of an underserved community and significant demand. Close to 15,000 people have signed petitions (more than 4,000 came from Forsyth County residents) in support of the project while thousands of children are on waiting lists for YMCA camps. Recently, the YMCA commissioned a professional market research company to assess demand from communities located in the central and southern most areas of Atlanta; communities which reflect a significant level of diversity. This particular research firm has provided consulting services and strategic planning to

YMCA of Metropolitan Atlanta, Inc. • 100 Edgewood Avenue, N.E., Suite 1100 • Atlanta, GA 30303
www.ymcaatlanta.org • Tel: 404-588-9622 • Fax: 404-527-7693

YMCAs throughout the nation for 20 years. Our test sample was restricted to existing families that are YMCA members. Within the five YMCA branches polled in the study, we found that:

- More than 990 households expressed a "significant" interest in purchasing weeklong camp program experiences for their children.
- More than 490 households expressed "significant" interest in weekend and weeklong family retreats for families.
- More than 870 households expressed the same high level of interest in programs primarily in the spring and fall.

- The petitions were signed by children, adults, and seniors from at least eight different congressional districts, including those represented by Reps. John Lewis, Tom Price, Nathan Deal, John Linder, Phil Gingrey, and David Scott. Additionally, 85 percent of the public comments favored the YMCA plan for Bethel Park, according to a report from the Army Corps of Engineers Lake Lanier office.

FIRST-CLASS AND INCLUSIVE PROGRAMMING

- In keeping with its commitment to implement programs which have purpose, meaning, and tangible impact, YMCA programs planned for Bethel Park will focus on family values, leadership and spiritual development, respect for the environment, citizenship, and service to others. Also, to meet the Corps' time-honored objective of attracting more people from throughout the region to Lake Lanier, the YMCA will engage surrounding communities and actively seek to involve all individuals.

SOLID FINANCIAL RESOURCES

- The YMCA's financial strength clearly demonstrates its ability to fund and sustain programs and facilities at Bethel Park for years to come. With assets exceeding $220 million, the YMCA's current annual operating budget is $90 million – an almost 30 percent increase from 2006. More than $3 million was raised from individual donors in 2006, all of which was used to assure quality YMCA programs for youth and families who cannot afford necessary fees. Our endowment fund now exceeds more than $20.7 million.

QUALITY FACILITIES UNDER MANAGEMENT

- The YMCA has a rich history of developing and managing quality facilities which serve all ages. We have developed and manage early childhood learning centers, daycare centers, sports fields, summer camps, teen and senior centers and full-service YMCA centers. In total, the Metro Atlanta YMCA owns or leases property that includes 244 lakefront acres at four locations (Lake Burton, Ga., Lake Allatoona, Ga. Lake Lanier, Ga. and Guntersville, Ala.); 19 aquatic centers (more than any other organization in the region); and over 670 acres of properties with facilities which exceed 1.15 million square feet at 26 locations.

A HISTORY OF SUCCESSFUL PUBLIC-PRIVATE PARTNERSHIPS

- The YMCA has many years of successful involvement and partnerships with private organizations and agencies at the federal, state and county level. In turn, the YMCA is able to serve thousands of Atlanta area families while minimizing cost burdens on taxpayers. Here are several examples of projects in which the YMCA collaborated with public or private partners.
    - The YMCA leases three lakefront properties from the Corps of Engineers – two on Lake Allatoona and one on Lake Lanier – which served an estimated 5,000 camper weeks in 2006. In addition, YMCA's in Nashville, Tenn., Augusta, Ga., and Claryville, N.Y., have leased property from the Corps of Engineers to build camp facilities.

- The YMCA partnered with the Department of Housing and Urban Development, the city of Atlanta, Dekalb County, and private foundations in two successful urban renewal projects. Our Eastlake Family YMCA and Villages at Carver YMCA are also two national partnership models of success.

- The city of Alpharetta shared in the funding of the Ed Isakson/Alpharetta Family YMCA, which served an estimated 20,000 people in 2006.

- The city of Canton recently built a full-service family recreation center and requested that the YMCA assume all management responsibilities.

- The YMCA partners with local boards of education and provides after school childcare programs in 115 local school facilities, which served an estimated 6,753 children in 2006.

A COMMITMENT TO DIVERSITY

Few organizations have such a comprehensive plan and program delivery system which addresses the broad nature of diversity and inclusiveness as that administered by the YMCA of Metro Atlanta. We are committed to a number of goals and initiatives, including firmly establishing diversity and an organizational value which crosses all demographics and communities. Such a commitment is demonstrated through the YMCA's programs, volunteer boards and their committees, and our dedicated staff. We are especially proud of our Head Start program which is funded by the **U.S. Health and Human Services** and serves more than 1,500 children daily. We also offer numerous programs designed to serve various special needs, including wheelchair sports, social clubs and activities for developmentally challenged citizens, one-on-one aides for disabled campers during after school and summer camps, and adults with various physical disabilities.

EXCEPTIONAL BOARD GOVERNANCE

- The Metro Atlanta YMCA's board of directors includes some of the most prestigious business leaders in the nation. We have committed representations from major corporations including Coca Cola, Home Depot, Georgia Power, Price Waterhouse, Southern Company, Children's Healthcare of Atlanta, SunTrust Bank, Delta Airlines, Bank of America, Merrill Lynch, UPS Foundation and Bellsouth, among others. Each member holds a position of influence in the community and brings enormous expertise into their work for the YMCA.

Attached, among other documents, is a market research analysis; revised schedules for funding and executing our plan; a revised list of references and staff assigned to this project; updated financial statements and audits; and examples of appropriate policies.

It is our belief that this supplemental information, along with our original 2005 application, further demonstrates the YMCA's ability to fulfill the Corps' goals of serving the public interest at Bethel Park. Thank you for the opportunity to continue building strong kids, strong families and strong communities throughout North Georgia.

Sincerely,

Jeff Anderson
Volunteer
Chairman YMCA Camp Coalition

Dan Pile
Group Vice President
Metro Atlanta YMCA, Inc.

YMCA Camp High Harbour
Bethel Park
Supplement to Lease Application

Table of Contents

Master Plan & Drawings

Camp Operations

Five Year Plan

Marketing

Promotion

Feasibility

Diversity & Inclusion

Program

Architectural Narrative

Building Floor Plans

Site Narrative

Site Amenity Details

Contacts & Referrals

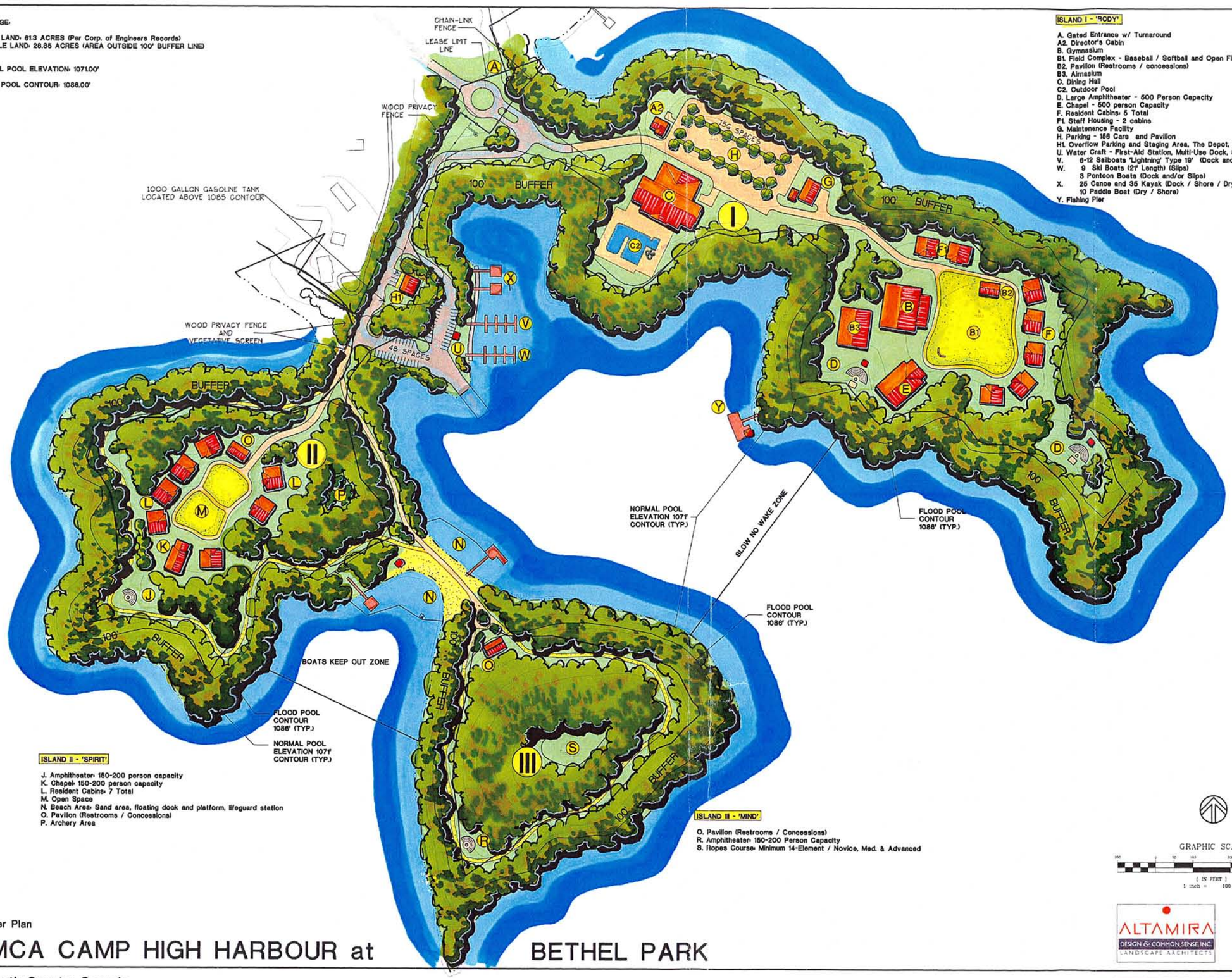
Master Plan & Drawings

ACREAGE:

TOTAL LAND: 61.3 ACRES (Per Corp. of Engineers Records)
USEABLE LAND: 28.85 ACRES (AREA OUTSIDE 100' BUFFER LINE)

NORMAL POOL ELEVATION: 1071.00'

FLOOD POOL CONTOUR: 1086.00'



ISLAND I - 'BODY'

A. Gated Entrance w/ Turnaround
A2. Director's Cabin
B. Gymnasium
B1. Field Complex - Baseball / Softball and Open Field
B2. Pavilion (Restrooms / concessions)
B3. Airnasium
C. Dining Hall
C2. Outdoor Pool
D. Large Amphitheater - 500 Person Capacity
E. Chapel - 500 person Capacity
F. Resident Cabins: 5 Total
F1. Staff Housing - 2 cabins
G. Maintenance Facility
H. Parking - 156 Cars and Pavilion
H1. Overflow Parking and Staging Area, The Depot, Fueling Station - 1000 Gal. Gas tank and Pump
U. Water Craft - First-Aid Station, Multi-Use Dock, Slips, Amphitheater, Dry Storage, Fuel Dock
V. 6-12 Sailboats 'Lightning' Type 19' (Dock and/or Slips)
W. 9 Ski Boats (21' Length) (Slips)
3 Pontoon Boats (Dock and/or Slips)
X. 25 Canoe and 35 Kayak (Dock / Shore / Dry Storage)
10 Paddle Boat (Dry / Shore)
Y. Fishing Pier

ISLAND II - 'SPIRIT'

J. Amphitheater: 150-200 person capacity
K. Chapel: 150-200 person capacity
L. Resident Cabins: 7 Total
M. Open Space
N. Beach Area: Sand area, floating dock and platform, lifeguard station
O. Pavilion (Restrooms / Concessions)
P. Archery Area

ISLAND III - 'MIND'

O. Pavilion (Restrooms / Concessions)
R. Amphitheater: 150-200 Person Capacity
S. Ropes Course: Minimum 14-Element / Novice, Med. & Advanced

GRAPHIC SCALE

(IN FEET)
1 inch = 100 ft.

ALTAMIRA
DESIGN & COMMON SENSE, INC.
LANDSCAPE ARCHITECTS

Master Plan

YMCA CAMP HIGH HARBOUR at BETHEL PARK

Forsyth County, Georgia
April 1, 2005

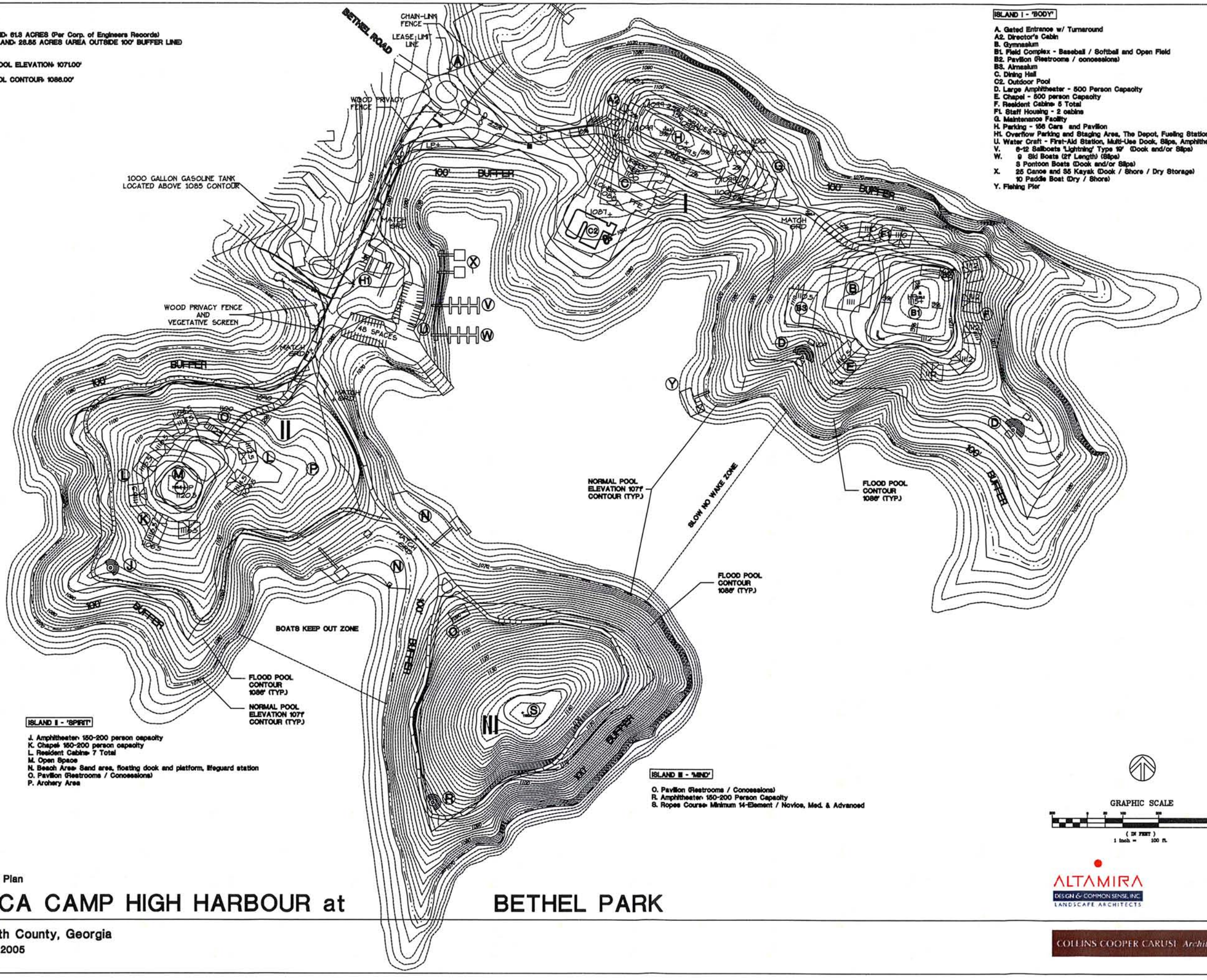
COLLINS COOPER CARUSI *Architects*

ACREAGE:

TOTAL LAND: 61.3 ACRES (Per Corp. of Engineers Records)
USEABLE LAND: 28.85 ACRES (AREA OUTSIDE 100' BUFFER LINE)

NORMAL POOL ELEVATION: 1071.00'

FLOOD POOL CONTOUR: 1086.00'



ISLAND I - 'BODY'

A. Gated Entrance w/ Turnaround
A2. Director's Cabin
B. Gymnasium
B1. Field Complex - Baseball / Softball and Open Field
B2. Pavilion (Restrooms / concessions)
B3. Armsalum
C. Dining Hall
C2. Outdoor Pool
D. Large Amphitheater - 500 Person Capacity
E. Chapel - 500 person Capacity
F. Resident Cabins: 5 Total
F1. Staff Housing - 2 cabins
G. Maintenance Facility
H. Parking - 156 Cars and Pavilion
H1. Overflow Parking and Staging Area, The Depot, Fueling Station - 1000 Gal. Gas tank and Pump
U. Water Craft - First-Aid Station, Multi-Use Dock, Slips, Amphitheater, Dry Storage, Fuel Dock
V. 6-12 Sailboats 'Lightning' Type 19' (Dock and/or Slips)
W. 9 Ski Boats (27' Length) (Slips)
3 Pontoon Boats (Dock and/or Slips)
X. 25 Canoe and 35 Kayak (Dock / Shore / Dry Storage)
10 Paddle Boat (Dry / Shore)
Y. Fishing Pier

ISLAND II - 'SPIRIT'

J. Amphitheater: 150-200 person capacity
K. Chapel: 150-200 person capacity
L. Resident Cabins: 7 Total
M. Open Space
N. Beach Area: Sand area, floating dock and platform, lifeguard station
O. Pavilion (Restrooms / Concessions)
P. Archery Area

ISLAND III - 'MIND'

O. Pavilion (Restrooms / Concessions)
R. Amphitheater: 150-200 Person Capacity
S. Ropes Course: Minimum 14-Element / Novice, Med. & Advanced

GRAPHIC SCALE

(IN FEET)
1 inch = 100 ft.

Grading Plan

YMCA CAMP HIGH HARBOUR at BETHEL PARK

Forsyth County, Georgia
April 1, 2005

ALTAMIRA
DESIGN & COMMON SENSE, INC.
LANDSCAPE ARCHITECTS

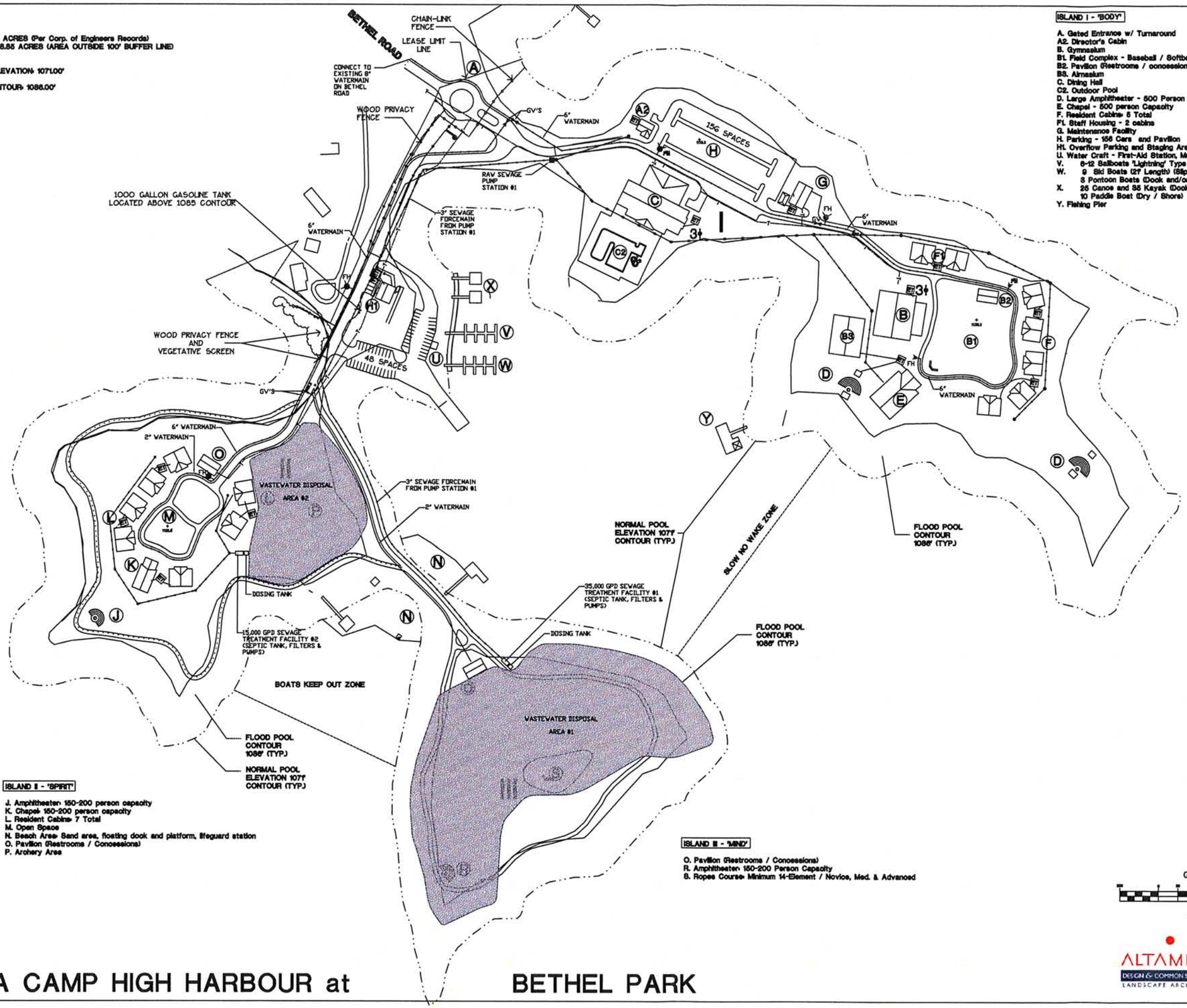
COLLINS COOPER CARUSI Architects

ACREAGE:

TOTAL LAND: 61.3 ACRES (Per Corp. of Engineers Records)
USEABLE LAND: 28.85 ACRES (AREA OUTSIDE 100' BUFFER LINE)

NORMAL POOL ELEVATION: 1071.00'

FLOOD POOL CONTOUR: 1086.00'



ISLAND I - 'BODY'

A. Gated Entrance w/ Turnaround
A2. Director's Cabin
B. Gymnasium
B1. Field Complex - Baseball / Softball and Open Field
B2. Pavilion (Restrooms / concessions)
B3. Armsium
C. Dining Hall
C2. Outdoor Pool
D. Large Amphitheater - 500 Person Capacity
E. Chapel - 500 person Capacity
F. Resident Cabins: 5 Total
F1. Staff Housing - 2 cabins
G. Maintenance Facility
H. Parking - 156 Cars and Pavilion
H1. Overflow Parking and Staging Area, The Depot, Fueling Station - 1000 Gal. Gas tank and Pump
U. Water Craft - First-Aid Station, Multi-Use Dock, Slips, Amphitheater, Dry Storage, Fuel Dock
V. 6-12 Sailboats 'Lightning' Type 19' (Dock and/or Slips)
W. 9 Ski Boats (21' Length) (Slips)
8 Pontoon Boats (Dock and/or Slips)
X. 26 Canoe and 36 Kayak (Dock / Shore / Dry Storage)
10 Paddle Boat (Dry / Shore)
Y. Fishing Pier

ISLAND II - 'SPIRIT'

J. Amphitheater: 150-200 person capacity
K. Chapel: 150-200 person capacity
L. Resident Cabins: 7 Total
M. Open Space
N. Beach Area: Sand area, floating dock and platform, lifeguard station
O. Pavilion (Restrooms / Concessions)
P. Archery Area

ISLAND III - 'MIND'

Q. Pavilion (Restrooms / Concessions)
R. Amphitheater: 150-200 Person Capacity
S. Ropes Course: Minimum 14-Element / Novice, Med. & Advanced

GRAPHIC SCALE

(IN FEET)
1 inch = 100 ft.

ALTAMIRA
DESIGN & COMMON SENSE, INC.
LANDSCAPE ARCHITECTS

COLLINS COOPER CARUSI *Architects*

Utility Plan

YMCA CAMP HIGH HARBOUR at BETHEL PARK

Forsyth County, Georgia
April 1, 2005

Camp Operations

YMCA Camp High Harbour
Bethel Park
A Non-Profit Human and Community Development Organization

Our Mission

Your Metro Atlanta YMCA, reflecting its Judeo-Christian heritage, is an association of volunteers, 80,000 metro area members and staff open to and serving all. The YMCA provides programs and services which develop spirit, mind, and body. Financial assistance is available based on need. The YMCA also actively seeks to identify and involve those in need.

Purpose Statement:

- Offer a wide range of programs that respond to a broad range of an individual's need for personal growth in spirit, mind, and body.
- Create community and a sense of belonging through shared YMCA connection, involvement and vision.
- Challenge individuals to personally contribute to, and collectively engage others in, the higher charitable purpose of building strong kids, strong families and strong communities.

Character Development

- **CARING** – To love others, to be sensitive to the well being of others, to help others.
- **HONESTY** – To tell the truth, to act in such a way that you are worthy of trust, to have integrity; making sure your choices match your values.
- **RESPECT** – To treat others as you would have them treat you, to value the worth of every person, including yourself.
- **RESPONSIBILITY** – To do what is right, what you ought to do; to be accountable for your be-

YMCA Camp High Harbour
Bethel Park

Guiding Principles:

1. Acknowledge that membership, member involvement and relationship building are essential to developing a sense of belonging, and sustaining the connection and contribution of diverse individuals to a shared higher purpose.
2. Teach and promote civic leadership and practice the Judeo-Christian values of caring, honesty, respect, and responsibility.
3. Expand outreach and impact both locally and globally through the meaningful engagement and empowerment of volunteers and by extensively collaborating with other public and private partners.
4. Apply the highest standards of research-to-practice programming and evaluation to ensure our effectiveness at delivering measurable outcomes.
5. **Actively seek and promote a culture of inclusion and service to all, especially the most at risk and underserved. Teach, practice and promote philanthropy thereby ensuring financial aid and accessibility to those in need.**
6. Create an internal employee experience that mirrors the desired external stakeholder experience, since employees are the conduit through which the YMCA is delivered to

"How we Fund Our Mission"

The YMCA's financial strength clearly demonstrates its ability to fund and sustain programs and facilities at Bethel Park for years to come. With assets exceeding $220 million, the YMCA's current annual operating budget is $90 million - an almost 30 percent increase from 2006. In addition, our endowment fund now exceeds more than $20.7 million. The following are specific ways in which the YMCA meets its financial needs.

Partner With Youth annual campaign

The Partner With Youth annual giving campaign makes Y programs affordable and accessible to all. Families who cannot afford the full price of programs and memberships are eligible to receive financial assistance. Membership and program fees are not used for this purpose. Instead, we rely on charitable contributions from friends like you. In 2007 more than $3.3 million will be raised to assist thousands of children, families and older adults through our branches.

Accountability

For the third consecutive year, our Y received a four-star rating (out of four stars) from Charity Navigator, America's largest independent evaluator of charities.

With 100 percent of every dollar raised going toward Metro Atlanta YMCA programs and financial assistance, an investment in the Y is truly an investment towards nurturing kids, supporting families and strengthening communities

Perpetuating Important Values

The YMCA has lasted in a world where so much comes and goes quickly. It is stable, values-based, professionally managed, in touch with public sentiment, and capable of meeting the changing conditions and needs of the future.

The YMCA is a gift that we have received – that was already here when we were born. It is a gift that we should give to those still unborn to perpetuate values that really matter.

Many friends of the YMCA are helping to extend its influence beyond their own lifetimes with gifts of assets they have accumulated. Such gifts can be directed to support the overall work of the YMCA or can be designated to support a specific YMCA branch or program.

Planned Giving and Endowment

The YMCA has a rich heritage of strong financial development programs which assure future youth and family programs. Many individuals have benefited from life changing experiences by participating in YMCA programs and have included the YMCA in their long-term giving that includes stocks, appreciated assets, naming the Y in your will or life insurance policy, or establishing a charitable trust. These gifts provide cash flow through the earnings which support existing or new programs, thus developing a perpetual financial base to support the mission and services of the Metro Atlanta YMCA. With over $xx million of assets, programs such as summer camp and family retreats will be available for those who cannot afford necessary fees.

YMCA Camp High Harbour
At Bethel Park
Program Plan

The site of Bethel Park will be used by YMCA Camp High Harbour to serve **youth, teens, families, schools and community groups** throughout the year.

The Program Plan is to provide the following activities:

- Summer Residential (sleep over) Camp
- Schools and Outdoor Environmental Education
- Weekend Youth, Teen and Family Retreats
- Senior Group Experiences
- Community Membership Experiences

The Bethel Park Property will be used year 'round. The summer activity will focus on serving young people ages 7-17 in a residential camping program. The program will be one week sessions and will serve approximately 18,000 user days. The programs features:

- **Waterfront**: sailing, canoeing, kayaking, fishing, swimming and waterskiing.
- **Field space**: soccer, baseball and field games.
- **Gymnasium**: basketball and volleyball.
- **Challenge Ropes Course**: team building.
- **Performing Arts area**: dance, drama, and cheerleading
- **Outdoor Amphitheaters**: assemblies for outdoor education, singing and performances.

In September through May of each year, the activities will be used with weekday **Outdoor Environmental Education** with Forsyth County and all the public and private schools in Atlanta and Georgia. As in our other camps, we will offer programming to school in environmental education and outdoor adventure camping. With the proximity to Atlanta, we will serve over **18,000 user days in 20 weeks.**

YMCA Camp High Harbour
At Bethel Park
Program Plan

Weekend retreats will be offered to families, church youth and family groups, Girl Scouts, Boy Scouts and other organizations that have development programs. **Teen Development** is a core program for the YMCA. We are currently serving over 600 teens from all over Georgia. Our objective is to create a teen training center on the weekend programs and work with the teens in community service all over Forsyth County and surrounding communities. The focus of this program is leading the communities by teaching service.

Senior Citizen Programming: The program plan will be to offer Senior Citizens a fitness program that will include appropriate cardiovascular fitness, stretching and nature walks, horticulture and adopt a camper program where the Seniors will have volunteer experiences with the school groups and the summer camping programs.

On the weekends, YMCA Camp High Harbour at Bethel Park will offer overnight experiences from Friday through Sunday to people of all ages. The majority of the weekend program will be offered to programmed youth groups like YMCA Adventure Guides, YMCA Members, Girl Scouts, Boy Scouts, Senior Citizens and Community Groups. The program will offer nature trails, ropes course, water activities, field events and more. We will serve about 24 groups with 150 participants or **10,800 user days.**

In summary:

Program	Population	Age	Season	User Days
Summer Camp	Boys and Girls	7-17	10 weeks	18,000
Week Day Groups	School Groups	10-17	20 weeks	18,000
Weekend Groups	Families, Youth, Seniors	13-80	24 weekends	10,800
			Total	46,800

YMCA Camp High Harbour
At Bethel Park
Operational Plans-Addressing Public Comments

- **Traffic Control:** In the program plan, the participants of the camp and retreat center will have specific times of arrival and departure. There are two large parking areas to orchestrate the cars and keep the cars and vehicles from impeding the local traffic and roads.
- **Infrastructure:** A professional land planner, architects and engineers have been involved with planning for the infrastructure. Forsyth County engineers with the YMCA planning engineers have determined that the water system is sufficient for the local community and the camp and retreat center.

Septic and waste water: The YMCA planning engineers have complied with local and state codes and practices for the septic and waste water system.

Emergency Vehicle Access: The camp and retreat center will be coordinated with local fire, police and rescue services. As in our other camp locations and sites, there will be communication on an annual basis and documentation of the times that the facility will be used.

Water Access and Programming: The waterfront will be a central programming area on a daily basis during summer resident camp. We will have ski boats, sailboats, canoes, and kayaks. There will be a centralized area within the cove where the non-powered vessels will stay. All of our programming will occur during the Monday-Friday time frame, there will be **no boat programming** during the weekends of the summer.

All waterfront programs are supervised by certified personnel and monitored by a long range radio system. There is a code system in place in cases of emergency.

Public Access

To meet the Corps' time-honored objective of attracting more people from throughout the region to Lake Lanier, the general public will have access to the YMCA's facility at Bethel Park.

In coordination with YMCA staff., there will be times in which the park will be open to the general public with a small user fee (as it is with other Corps parks on the lake). To accommodate the few local homeowners who currently use Bethel Park's walking trails, such a fee will be waived.

To ensure safety for all of our visitors, there will be a gate and control center to monitor who enters and exits the park. There will also be a YMCA crew that is responsible for maintenance and cleaning the facilities and program areas.

Boat ramp users will be able to continue using the ramp for a small user fee. Boaters with trailers will be accommodated with a designated parking area and will have access to the boat ramp through the camp gate only during daylight hours. For security purposes, the YMCA will have a check-in and check-out procedure. Boaters will have a designated area for exiting the park area to access other parts of the lake.

To accommodate public vehicle traffic, there will be designated times for utilizing Bethel Park. At these designated times, the public may enter the gate, pay a small user fee and access areas such as the waterfront, picnic areas and the boat ramp. Program equipment such as canoes, kayaks and ropes course will not be available without YMCA personnel.

For the groups that are currently using the park for **special events** such as Easter sunrise services, baptisms or Fourth of July celebrations, they too will have access through the YMCA control center at the gate to the park.

In the summer time, the **camp is not in operation from Saturday at 12:00 noon until Sunday at 2:00pm**. At those times, the park will be open under YMCA personnel supervision to the general public for a small user fee. The park will be only open to the summer camp program participants from Sunday afternoon to the following Saturday at 12:00 noon.

YMCA Camp High Harbour
At Bethel Park
Daily Schedule

Summer Resident Camp Daily Schedule

8:00 a.m.	Morning Exercise and Flag Raising
8:15 a.m.	Breakfast
9:30 a.m.	Cabin Inspection
9:45 a.m.	Morning Assembly
10:00 a.m.	First Skill
11:00 a.m.	Second Skill
12:05 p.m.	Free time, general swim, camp store
1:15 p.m.	Lunch
2:00 p.m.	Rest Hour
3:00 p.m.	Third Skill
4:00 p.m.	Fourth Skill
5:00 p.m.	Free time, general swim, camp store
6:15 p.m.	Dinner
7:00 p.m.	Cabin Challenge
8:00 p.m.	Night Program
9:00 p.m.	Cabin devotions and prepare for bed
10:00 p.m.	Lights Out

YMCA Camp High Harbour
At Bethel Park
Fundraising Plan

The YMCA of Metropolitan Atlanta is the number one child care provider in Atlanta. The Association started in the early 1900s, and has now grown to over 25 locations serving over 80,000 members of all ages.

The YMCA of Metropolitan Atlanta has an operating budget of over $90 million and has over $250 million in assets.

The capital plan for 2010 is over $100,000,000. There are seven platforms for this campaign. The platforms include the growth of Strong Community, Strong Families and Strong Kids. Thus far, the YMCA of Metro Atlanta has already exceeded phase one of the campaign.

The YMCA has built a network of businesses, foundations, families and individuals that support the program and capital growth.

YMCA Camp High Harbour is supported not by just the YMCA of Metro Atlanta but also has created a structure of support from the Atlanta Community and a host of businesses such as Georgia Power, Georgia Pacific, and Primerica Financial Services. We also have foundations that contribute on a regular basis such as The Jane Turner Foundation, Katherine, John Murphy Foundation, the Franklin Foundation as well as the Atlanta Braves Youth Foundation and the Atlanta Falcons Youth Foundation. We will also continue to work toward building a structure for North Georgia and Local Support.

YMCA Camp High Harbour
At Bethel Park
Fundraising Plan

The Fundraising plan for YMCA Camp High Harbour has three phases:

- Phase One: Completion of infrastructure and dining hall, camp cabins and program areas.
- Phase Two: Additional residential facilities and meeting spaces to program for 500 people.
- Phase Three: Completion of state of the art Teen Adventure Center and Watersports and Watersafety Facility.

The Fundraising Plan is coordinated by the YMCA of Metropolitan Atlanta. The Fundraising Program will focus on:

Business and Corporations
Foundations focused on Youth and Families
Alumni Donors

The YMCA has enjoyed over 40,000 campers and families that have experienced YMCA Camp High Harbour in the last 20 years.

The campaign will start in 2008 with phase one of the campaign concluding in Spring of 2010. Anticipated construction date is pending the approval of the Bethel Park project by the Corp of Engineers and the completion of all codes applicable for the project. With approval, the estimated ground breaking date will be held in 2009. The beginning operation will be in the Summer of 2011.

Five Year Plan

Five Year Implementation Plan

2007: Revised Application for Lease to the Corps of Engineers

2007: Donor Cultivation-Phase I

2008: Fundraising & Donor Cultivation Continues

2009: Ground Breaking and Initial Construction

2011: Camp and retreat center programs open

The estimated capital expenses during the Five Year Implementation Plan will be approximately $8,000,000.

Future phases of construction up to $12 million.

Marketing

Demand for Camps and Retreats at Lake Lanier among Current YMCA Members

Atlanta, Georgia
June 30, 2006

presented by

THE WINFIELD CONSULTING GROUP, INC.
Market research for non profits nationwide

THE WINFIELD CONSULTING GROUP, INC.
Market research for non profits nationwide

June 30, 2006

Ed Munster
Executive Vice President–Operations
YMCA of Metropolitan Atlanta
100 Edgewood Ave, Suite 1100
Atlanta, GA 30303

Robyn Furness
Vice President–Resource Management
YMCA of Metropolitan Atlanta
100 Edgewood Ave, Suite 1100
Atlanta, GA 30303

Ken O'Kelley
Executive Director
YMCA Camp High Harbour
200 Main Street, Suite 108
Gainesville, GA 30501

Dear Ed, Robyn, and Ken:

We are pleased to submit the results of our market research study to assess the demand for camps and retreats at Lake Lanier. The study targeted current members of the East Lake, Decatur-DeKalb, Fowler, South DeKalb, and Southwest YMCAs with family and adult memberships.

This report includes membership projections and revenue forecasts for youth camps, family camps, and adult retreats. This report also provides detailed programming information, demographic profiles of prospective participants, and conclusions and recommendations (pages 109–112) based on the study findings.

We have enjoyed working with the YMCA of Metropolitan Atlanta again. If you have any questions, please do not hesitate to call.

Sincerely,

J. Buckner Winfield
President

Melanie Sloan
Vice President of Research

enclosure

1649 North Decatur Road, Atlanta, Georgia 30307
404-888-0530 - 1-800-683-8075 - Fax 404-881-9860
www.thewinfieldgroup.com

YMCA of Metro Atlanta, Inc.
YMCA Camp at Lake Lanier
Market Analysis

The Winfield Consulting Group initially conducted quantitative research among current annual members of 5 targeted YMCA branches to ascertain the level of interest in a new residential summer camp on Lake Lanier.

Within these 5 branches 993 households had children in their home that had "a great deal of interest" in purchasing a weeklong residential camp program for their children. This level of interest was predicated on the parent's knowledge of the camp's proposed location, cost per week, and amenities that would be included.

In addition to these children, 497 households within these same 5 YMCA branches had "a great deal of interest" in family camping programs (both weekend and weeklong).

Also, 875 households had "a great deal of interest" in weekend and weeklong retreats for the adults, primarily in the fall and spring.

The sum of the projected annual enrollment from these existing 3 YMCA member groups, just at the initial 5 branches, is encouraging.

But there is more to the equation. A qualitative analysis of 12 additional potential camper groups reveals an even more substantial potential for camper enrollment. These groups include the following:

1. Children, families, and individual adults in 13 YMCA additional branches in Metro Atlanta that were not targeted in the initial study.

2. 166,655 individuals currently participating in a variety of YMCA programs from 26 local YMCA's throughout the Metro Atlanta Region.

3. 9,838 YMCA summer day campers, many of whom can be expected to upgrade to YMCA weeklong residential campers at Lake Lanier

4. 6,753 children who are enrolled in the Atlanta YMCA's After-School Childcare Program in 115 school locations throughout Metro Atlanta.

5. 2,582 children who are enrolled in Head Start programs, and traditional pre-schools operated by the Metro Atlanta YMCA

6. Children, families, and adults who are YMCA members in other YMCA associations in Metro Atlanta (Cobb County YMCA and Butler Street YMCA) and other YMCA associations in North Georgia (Gainesville, Athens, etc).

7. 844 children who belong to the Atlanta YMCA that participated in Camp Cha-La-Kee, a YMCA camp leased to the Atlanta YMCA due to overflow at the other YMCA locations

8. 484 children who had to be placed on a "waiting list" for YMCA camp programs due to full enrollment capacity

9. Children, families, and adults that are not currently part of the Atlanta YMCA's extended families but are identified in the YMCA primary target market

10. Individuals (both adult and children) who participate in other non-profit organizations in North Georgia who will use the camp venue options

11. Adults who will participate thru training events, team building activities, and retreats sponsored by their employers

12. 94,945 participants ages 1-17 participating in various YMCA programs

While the initial quantitative research revealed substantial participation, the additional demand from the above 8 groups will fill the year-round camp program to capacity, thus continuing the Atlanta YMCA's rich heritage of service to an increasingly diverse North Georgia.

In summary, minimal penetration of these 12 additional camper groups will result in even greater demand for year round programs for youth, families, and adults. As noted, current demand for the YMCA Camp on Lake Lanier is extremely high. Recognizing recent growth forecasts for the region which may represent more than 2,000,000 additional residents, it is clear that the need for such programs and services planned by the YMCA at Bethel Park is clearly demonstrated.

Methodology and Scope

In order to determine the interest among current members in camps and retreats at Lake Lanier, The Winfield Consulting Group conducted both qualitative and quantitative research.

Methodology

This study involved the following methodology:

- The **qualitative research** consisted of focus groups with the staff of the YMCA of Metropolitan Atlanta and Camp High Harbour to ascertain the trends and needs of the market area. One hundred (100) telephone interviews were also conducted with current members that have previously participated in YMCA camps. The responses and concerns in the qualitative phase were used toward the development of the survey instrument.

- The **quantitative research** in this study involved in-depth telephone interviews with 800 randomly-selected current annual member households from East Lake, Decatur-DeKalb, Fowler, South DeKalb, and Southwest YMCAs with family and adult memberships. The interviews were conducted May 15–23, 2006.

The methodology used resulted in findings with a 95% confidence level and a statistical error of plus or minus 3.5%. The recommendations provided in this report are based on this methodology and on the experience of The Winfield Consulting Group, Inc., with close to 800 similar market research studies nationwide.

Scope

Specific questions addressed included, but are not limited to, the following:

- How many current member households will participate in week-long, weekend, and travel youth camps at Lake Lanier?
- What is the demand for a variety of activities for children and teens while at youth camp?
- How many current member households will participate in weekend family camps?
- What is the demand among prospective family camp participants for activities that parents and children can do together while at family camp?
- How many current member households will participate in adult retreats at Lake Lanier?
- What is the demand among prospective adult retreat participants for a variety of activities at Lake Lanier?
- What percentage of prospective camp and retreat participants are willing to pay the different rates offered? How much annual revenue could be generated from the camps and retreats?
- Of the five targeted YMCAs, what percentage of prospective camp and retreat participants are coming from each branch?

Conclusions and Recommendations

Based on the current members who expressed interest in participating in camps and retreats at Lake Lanier, the findings provided the following trends in pricing, demographics, and programming:

- The greatest demand for youth camps was for weekend camps. In addition, for all camps, the majority of current members were attracted at the two highest rate structures.
- Aquatics is key for youth camps, including activities in a pool and in Lake Lanier. The YMCA should offer a variety of activities in the pool as well as activities that make use of the lake.
- The sports and recreation activities in greatest demand for youth camps were outdoor sports such as baseball and soccer, campfire storytelling and singing, and nature walks.
- Prospective youth camp participants expressed interest in a variety of adventure activities at youth camp including hiking, high ropes and low ropes courses, and tent camping.
- Prospective youth camp participants are most likely to attend camps at Lake Lanier during the summer and school holidays.
- Among prospective youth camp participants, 14% also had *a great deal of interest* in family camps and 12% had *a great deal of interest* in adult retreats.
- Based on the targeted YMCA branches, family camps are most likely to serve households with one adult and two children.
- All prospective family camp participants with *a great deal of interest* were captured at the two highest rates offered for each family member.
- The most popular activities for family camps are pool and lake activities, use of an outdoor fitness trail, and nature walks and hiking with other families. YMCA family camps should not only promote bonding within the families but also between the families.
- Just over half (54%) of prospective family camp participants preferred activities that parents and children could do together while at camp. About one-third (34%) preferred both activities as a family unit and some activities that parents and children could do separately.
- Among prospective family camp participants, 19% also had *a great deal of interest* in youth camps and 13% had *a great deal of interest* in adult retreats.
- Based on the study findings, family camps at Lake Lanier will be in greatest demand during the summer and fall.
- Weekend adult retreats are more popular compared to week-long retreats. As with the camps, the majority of current members were attracted at the two highest rates offered for retreats.

- *Comfortable but rustic lodging in cabins with private bathrooms* and *emphasis on body, mind, and spirit* are the most important experiences for adults to have during the retreats.

- The YMCA should make use of the great outdoors to meet expressed demands for adult retreats. The sports and recreation activities in greatest demand for adult retreats were use of an outdoor fitness trail, nature walks, and adventure activities such as hiking, mountain biking, and climbing.

- In addition to active activities, adults also expressed interest in relaxing and passive activities such as yoga, tai chi, and spa treatments such as massages, body scrubs, and mineral baths. Leaders of the proposed lakeside facilities at Lake Lanier should offer both active and passive activities for adults to provide a well-rounded experience.

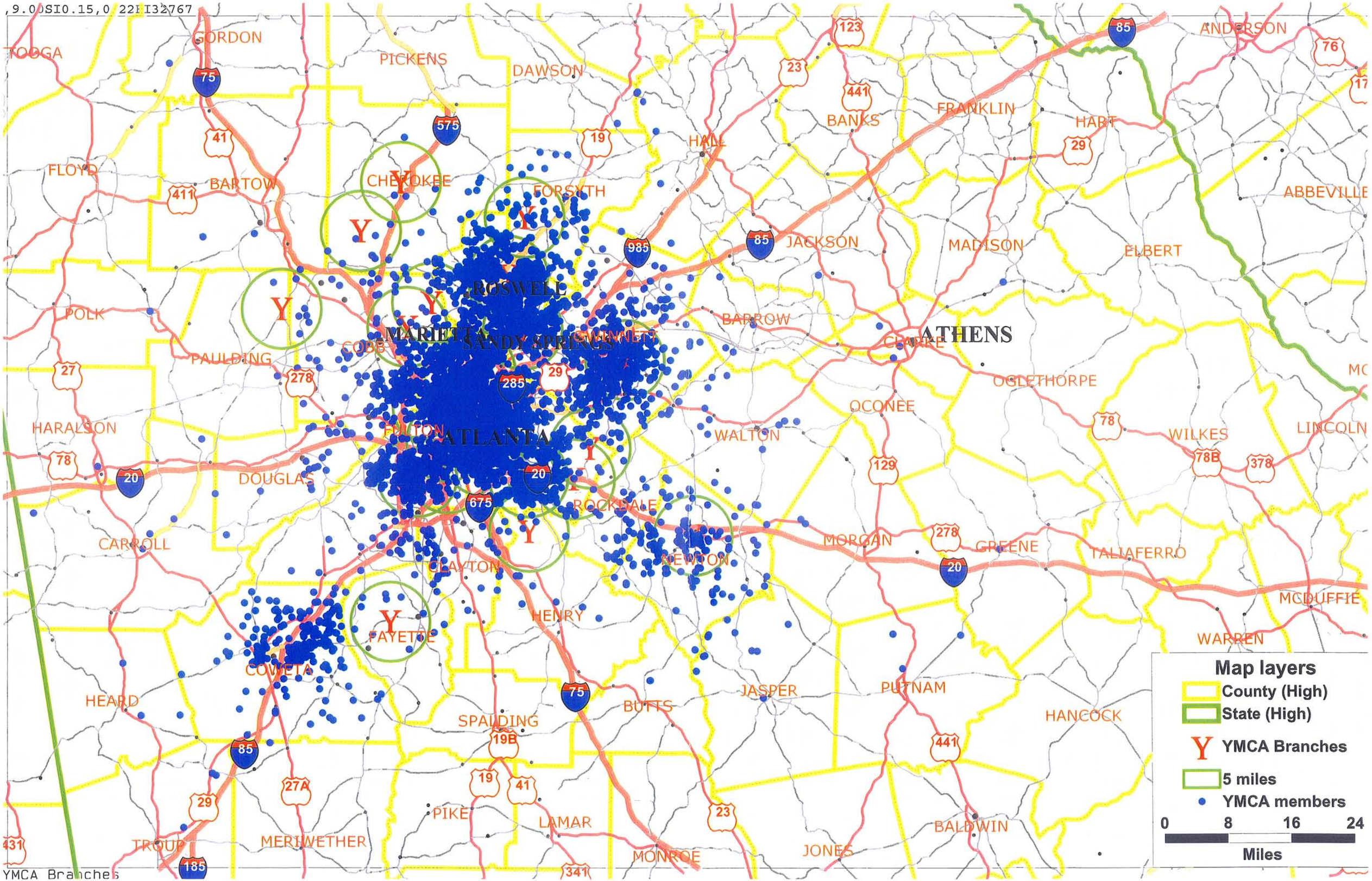
- Prospective adult retreat participants are most likely to attend retreats at Lake Lanier during the spring and fall and as a couple or part of a group. Based on groups and organizations that adults currently belong to, the YMCA should promote retreats to church groups and fraternities/sororities.

- Among prospective adult retreat participants, 11% also had *a great deal of interest* in youth camps and 6% had *a great deal of interest* in family camps.

- Regardless of their level of interest in participating in camps and retreats, almost half of the current members at the targeted YMCAs feel that having access to camps and retreats at Lake Lanier increases the value of their YMCA memberships.

- Based on the study findings, the YMCA should employ *direct mail* and *internet/e-mail* as promotional tools. Based on the study findings and profiles of current members that are likely to participate in camps and retreats, the YMCA should have a separate promotional strategy for each group—youth camp participants, family camp participants, and adult retreat participants. Also, based on the time of year that each participant group is likely to attend camps or retreats, the YMCA should have a promotional schedule to match. For example, prospective family camp participants are likely to attend in summer and fall, so promotions to this group should be timed accordingly.

- In addition to a variety of facilities that accommodate various camp and retreat activities, the YMCA should include a small adult fitness center and laundry service for a fee as amenities at Lake Lanier.


,9.0DSI0.15,0 22FI32767
GORDON
TOOGA
PICKENS
DAWSON
ANDERSON
BANKS
FRANKLIN
HART
HALL
FLOYD
BARTOW
CHEROKEE
FORSYTH
ABBEVILLE
JACKSON
MADISON
ELBERT
ROSWELL
POLK
BARROW
MARIETTA
SANDY SPRINGS
GWINNETT
ATHENS
COBB
PAULDING
OGLETHORPE
OCONEE
HARALSON
FULTON
ATLANTA
WALTON
WILKES
LINCOLN
DOUGLAS
ROCKDALE
CARROLL
MORGAN
GREENE
TALIAFERRO
CLAYTON
NEWTON
MCDUFFIE
HENRY
FAYETTE
WARREN
COWETA
HEARD
JASPER
PUTNAM
BUTTS
SPALDING
HANCOCK
PIKE
LAMAR
BALDWIN
TROUP
MERIWETHER
MONROE
JONES
YMCA Branches
Map layers
County (High)
State (High)
YMCA Branches
5 miles
YMCA members
0
8
16
24
Miles

Promotion

Marketing:

The YMCA's plan for Bethel Park is a direct result of an underserved community and significant demand. Since summer 2006, close to 15,000 people have signed petitions (more than 4,000 came from Forsyth County residents) in support of the project. Thousands of children are also on waiting lists for YMCA camps.

Our goal is provide programming for

- Summer Residential (sleep over) Camp
- Schools and Outdoor Environmental Education
- Weekend Youth, Teen and Family Retreats
- Senior Group Experiences
- Community Membership Experiences

Marketing will contain Program Information to:

1. Over 80,000 YMCA members in Atlanta.
2. The current waiting list for the existing resident camp programs.
3. Target mailing list for all public and private schools in Georgia.
4. Target mailing list for all churches in Georgia
5. AARP mailing list for Senior Citizens in and around the local Forsyth area.
6. All Girl Scouts and Boy Scouts in Georgia.

Special Events and Special Marketing Editions

1. YMCA branches Bethel Park information sessions (all 26 branches)
2. Camp fairs at the local colleges.
3. American Camping Association Conference and
4. Atlanta Journal Constitution
5. Atlanta Parent Magazine
6. Web Site Design: YMCA of Metropolitan Atlanta and the YMCA of the USA.

YMCA Camp High Harbour

A BRANCH OF THE METRO ATLANTA YMCA

YMCA Camp High Harbour offers unforgettable, life-changing experiences for young people each summer.

- **Overnight camp for ages 7 to 17**
- **An opportunity for adventure, team building, leadership development, and experiencing the great outdoors**

Located on beautiful Lake Burton in the northeast Georgia mountains, YMCA Camp High Harbour offers residential camping in 10 one-week sessions. Campers experience rustic camping in large cedar cabins. You can select general camp programs, three specialty camps or the Advanced Leadership Academy program.

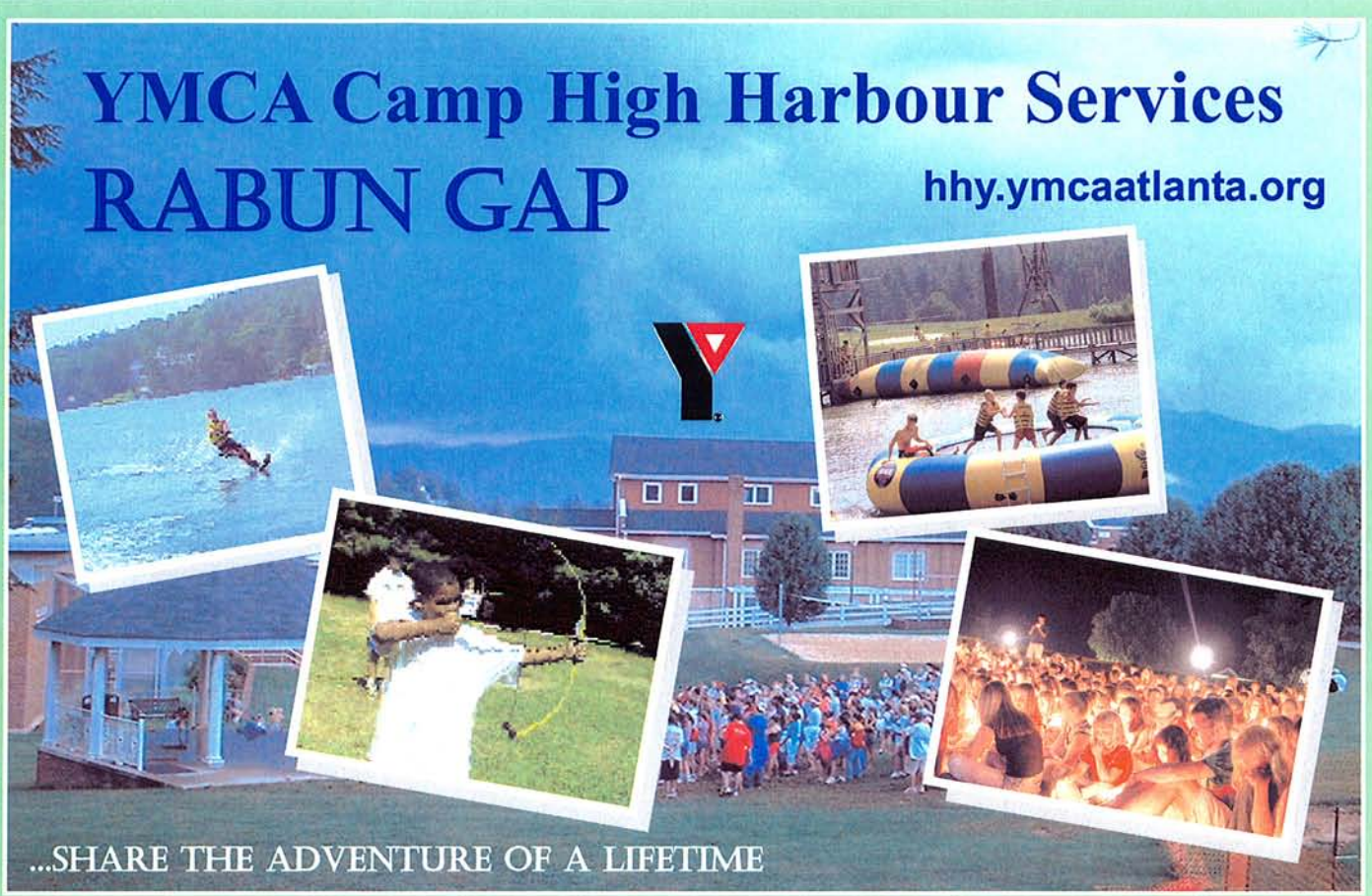
YMCA Camp High Harbour gets results with quality programs, professional staff members and a beautiful location. The YMCA is committed to providing financial assistance to those who cannot afford the full price of summer resident camp. Ask us about Partner With Youth financial assistance.

REGISTRATION FOR 2007 SUMMER RESIDENT CAMP BEGINS SEPTEMBER 9

For more information:
770-532-CAMP or hhy.ymcaatlanta.org

YMCA Camp High Harbour Services
RABUN GAP

hhy.ymcaatlanta.org



summer camp

Camp High Harbour at Rabun Gap is nestled in the beautiful Blue Ridge mountains at the spectacular Rabun Gap-Nacoochee School. Just over a two hour drive from Atlanta, High Harbour at Rabun Gap offers the ideal overnight camping experience. Campers will enjoy comfort and fellowship whether lodging in the school dormitories or utilizing the incredible facilities available at Rabun Gap-Nacoochee School. Campers will enjoy the same activities offered at Lake Burton while experiencing the uniqueness that only High Harbour at Rabun Gap can offer.

PROGRAMS

PATHFINDERS
For boys and girls ages 7-14
general in-camp activities

TRAILBLAZERS
For boys and girls ages 13-17
adventure camping

WATERSPORTS/WATERSAFETY
For boys and girls ages 12-14
in-depth watersports program featuring instruction in skiing, kneeboarding, and boat safety
* Watersports campers will be transported each day to Lake Burton for their watersports instruction.

ADVANCED LEADERSHIP ACADEMY
Leadership programs for young men and women ages 14-17

ACTIVITIES

- Swimming
- Ropes Course
- "The Blob"
- Archery
- Hiking
- Kayaking
- Canoeing
- Nature Study
- Arts and Crafts
- Dance
- Water Tramp
- Campouts
- Teamsports
- Water Games
- Cheerleading
- Adventure Day
- Fishing
- Assemblies
- Bun-busting
- Drama

ACCREDITED

A Branch of the Metro Atlanta YMCA

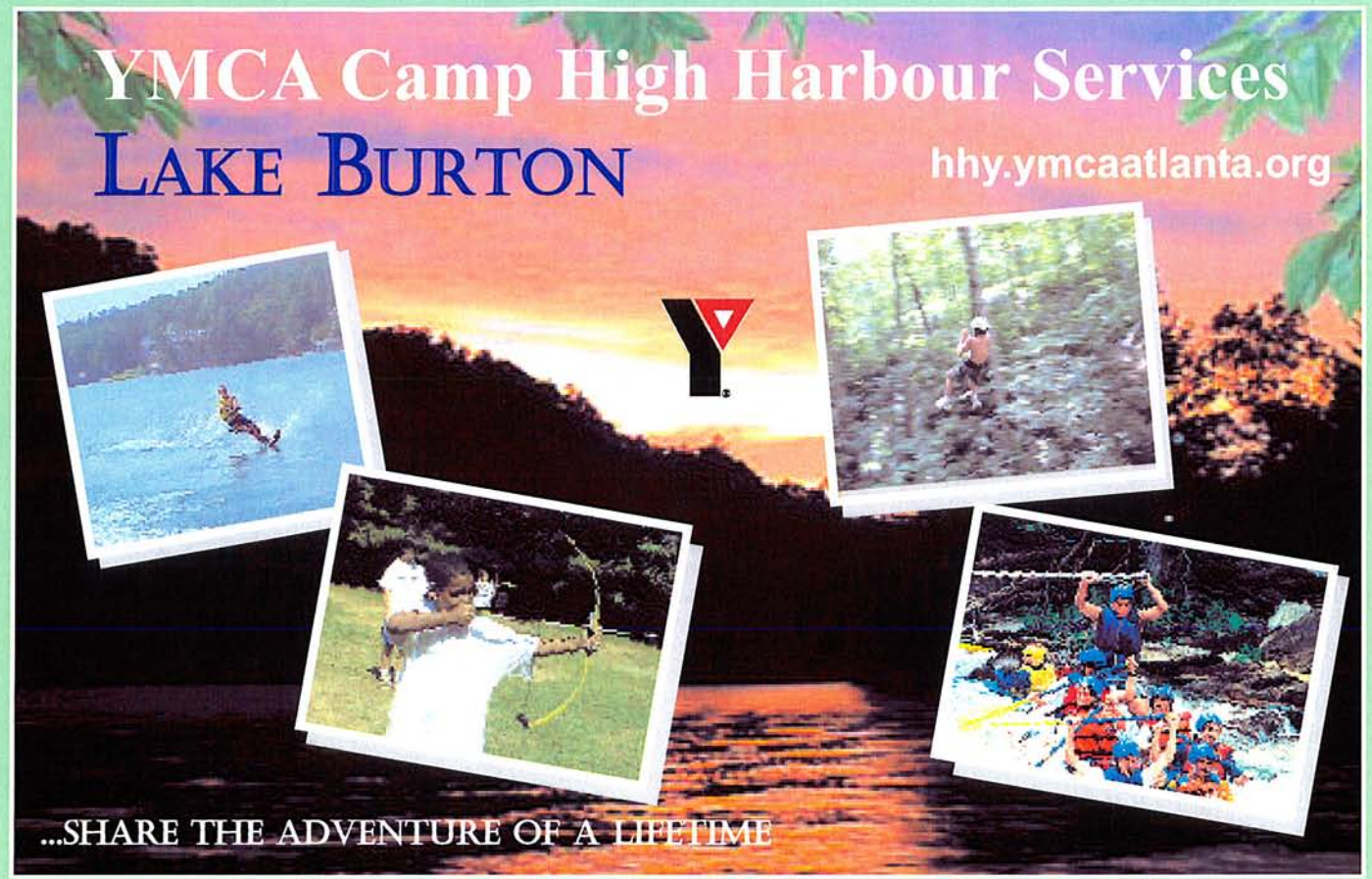
YMCA Camp High Harbour Services
200 Main Street, Suite 108
Gainesville, GA 30501
phone - (770) 532-CAMP
fax - (770) 287-0852

CAMP HIGH YMCA HARBOUR

YMCA Camp High Harbour Services

LAKE BURTON

hhy.ymcaatlanta.org



summer camp

YMCA Camp High Harbour, located on beautiful Lake Burton in the northeast Georgia mountains, offers a variety of programs for our campers. Because of our scenic location, quality programming and professional staff, High Harbour has become one of the leading camps in the southeast.

During the summer, Lake Burton operates 9 one-week sessions. Campers live in large cedar cabins on Lake Burton for a rustic camping experience. We offer two general camping programs, 2 specialty camps, a day camp and our Advanced Leadership Academy program.

All programs and activities are designed with one thing in mind...offering a life changing camping experience.

PROGRAMS

PATHFINDERS
For boys and girls ages 7-14
general in-camp activities

TRAILBLAZERS
For boys and girls ages 13-17
adventure camping

WATERSPORTS/WATERSAFETY
For boys and girls ages 12-14
in-depth watersports program featuring instruction in skiing, kneeboarding, and boat safety

ADVANCED LEADERSHIP ACADEMY
Leadership programs for young men and women ages 14-17

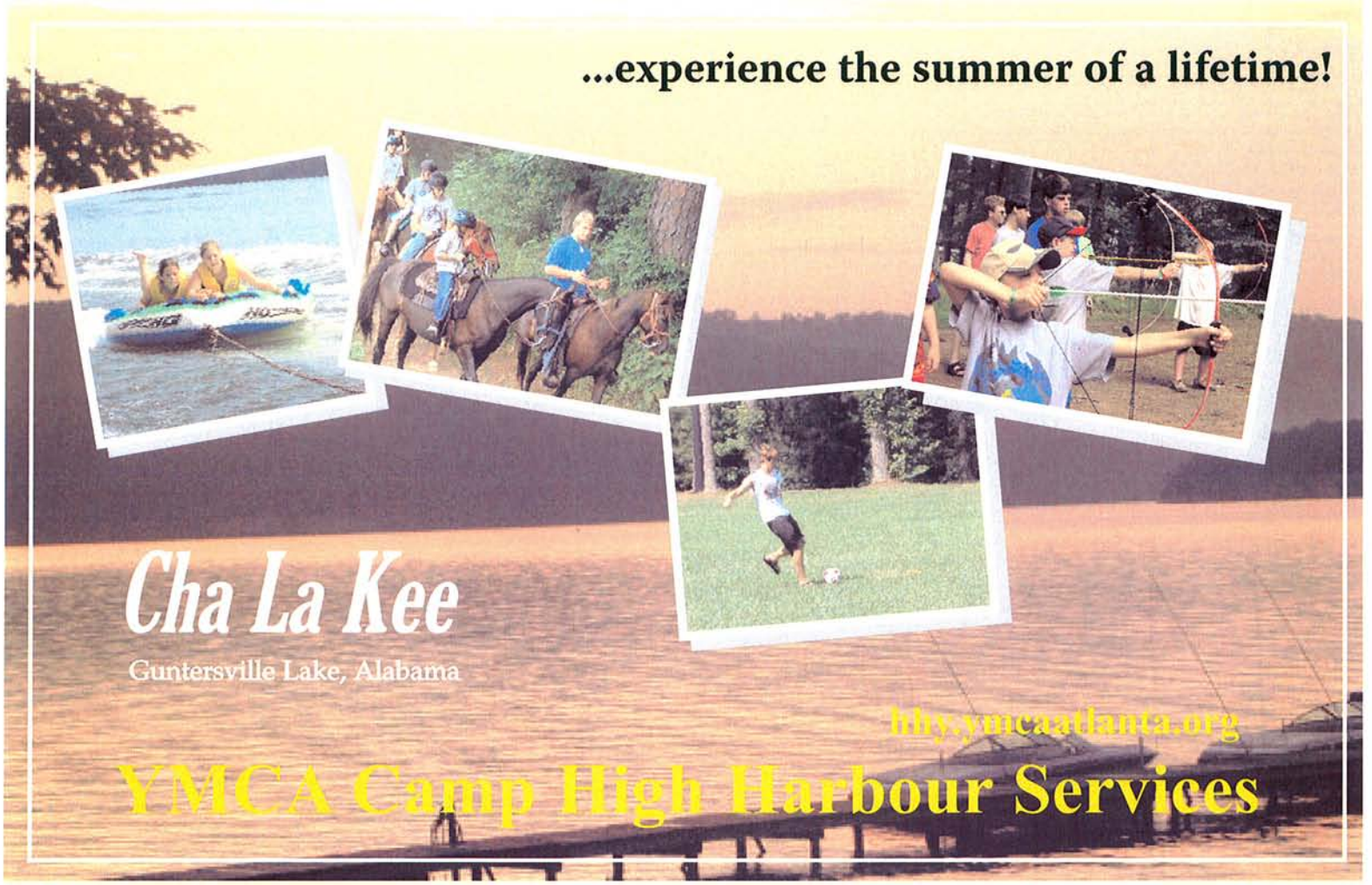
ACTIVITIES

- Water-skiing
- Water Tramp
- Ropes Course
- "The Blob"
- Horseback Riding
- Whitewater Rafting
- Hiking
- Kayaking
- Canoeing
- Nature Study
- Arts and Crafts
- Dance
- Swimming
- Drama
- Campouts
- Teamsports
- Archery
- Water Games
- Cheerleading
- Adventure Day
- Fishing
- Assemblies
- Bun-busting

ACCREDITED

A Branch of the Metro Atlanta YMCA

YMCA Camp High Harbour Services
200 Main Street, Suite 108
Gainesville, GA 30501
phone - (770) 532-CAMP
fax - (770) 287-0852



Summer Camp

YMCA Camp High Harbour at Cha La Kee, nestled on the shoreline of Guntersville Lake outside of Huntsville, Alabama, offers a variety of programs for our campers. Because of our scenic location, quality programming and professional staff, High Harbour has become one of the leading camps in the southeast.

During the summer, Cha La Kee operates 6 one-week sessions. Campers live in large cabins by the lake with a view of the mountains for a rustic camping experience. We offer two general camping programs and our Advanced Leadership Academy program.

All programs and activities are designed to give campers life changing memories, all while having fun!

PROGRAMS

PATHFINDER PROGRAM

FOR AGES 7-14 INCLUDES:
- ALL IN-CAMP ACTIVITIES
- ADVENTURE DAY (out of camp, 1 day/wk)
- CAMP OUT (campout under the stars)
- DAILY CABIN INSPECTION (a lesson in cleaning)
- DAILY VESPERS AND ASSEMBLIES

TRAILBLAZER PROGRAM

FOR AGES 13-17 FEATURES:
- WHITEWATER RAFTING, CANOEING, KAYAKING
- BACKPACKING
- THE CHALLENGE ROPES COURSE
- HIKING and RAPPELLING
- One day in-camp swimming, skiing and blobbing.

ADVANCED LEADERSHIP ACADEMY

Leadership programs for young men and women ages 14-17

ACTIVITIES

Water-skiing	Swimming
Zip Line	Water Tramp
Ropes Course	Campouts
"The Blob"	Teamsports
Horseback Riding	Archery
Whitewater Rafting	Water Games
Hiking	Cheerleading
Kayaking	Adventure Day
Canoeing	Fishing
Nature Study	Assemblies
Arts and Crafts	Bun-busting
Dance	Drama

ACCREDITED

YMCA Camp High Harbour Services
200 Main Street, Suite 108
Gainesville, GA 30501
phone - (770) 532-CAMP
fax - (770) 287-0852

CAMP HIGH YMCA HARBOUR

Cha La Kee is owned by the Huntsville YMCA and supported by YMCA Camp High Harbour Services, a branch of the YMCA of Metropolitan Atlanta, Inc.

Feasibility

YMCA OF METROPOLITAN ATLANTA, INC.
CONSOLIDATED
STATEMENT OF OPERATIONS
(000's Omitted)

December 31, 2006

Current Month				Year to date				
Actual	**Budget**	**Variance**		**Actual**	**Budget**	**Variance**	**Prior Year**	**Variance**
			REVENUE					
133.9	248.5	-114.6	**Partner with Youth**	2,813.2	2,832.4	-19.3	2,509.3	303.9
93.6	85.7	7.9	**United Way**	698.5	812.3	(113.8)	817.5	(119.0)
555.0	293.4	261.6	**Government Grants**	4,202.9	3,452.8	750.0	3,423.9	779.0
109.1	140.6	(31.6)	**Other Contributions**	1,390.4	1,047.9	342.5	1,949.9	(559.5)
1,262.1	1,226.3	35.8	**Head Start**	13,746.7	13,137.0	609.7	13,816.7	(70.0)
1,781.0	1,907.0	(126.0)	**Membership**	22,521.4	22,563.6	(42.3)	19,562.9	2,958.5
1,054.3	1,127.1	(72.8)	**Child Care**	14,213.6	14,199.7	13.9	12,529.2	1,684.4
3.3	17.0	(13.7)	**Day Camp**	3,784.8	4,061.3	(276.5)	3,776.7	8.1
14.8	55.9	(41.0)	**Youth Sports**	2,714.7	2,737.8	(23.2)	2,494.5	220.2
75.6	128.0	(52.4)	**Resident Camp**	3,273.9	3,388.1	(114.2)	3,267.2	6.7
16.5	52.2	(35.8)	**Aquatics**	1,562.9	1,634.2	(71.3)	1,477.1	85.8
94.2	99.5	(5.3)	**Investment Income**	809.5	714.5	95.0	795.9	13.6
195.2	107.6	87.7	**All Other**	2,411.5	2,366.8	44.7	1,664.7	746.8
5,388.6	**5,488.8**	**(100.3)**	**TOTAL REVENUE**	**74,143.9**	**72,948.6**	**1,195.4**	**68,085.5**	**6,058.4**
			EXPENSES					
2,409.9	2,581.1	171.2	**Payroll & Benefits**	33,856.8	34,302.1	445.2	30,736.1	(3,120.7)
431.3	371.9	(59.4)	**Contract Services**	4,959.0	4,956.8	(2.2)	4,342.4	(616.6)
415.9	249.9	(166.0)	**Supplies**	4,928.7	4,454.4	(474.3)	4,475.6	(453.1)
688.5	592.0	(96.5)	**Facility/Equipment**	7,755.0	7,608.4	(146.6)	6,745.1	(1,009.9)
1,066.3	1,030.5	(35.8)	**Head Start**	12,646.7	12,037.0	(609.7)	12,485.3	(161.4)
94.3	58.8	(35.5)	**Promotion/Printing**	848.4	880.1	31.7	786.4	(62.0)
146.1	93.9	(52.2)	**Vehicle/Employee**	1,258.9	1,325.6	66.7	1,280.9	22.0
88.5	74.6	(13.9)	**Telephone/Postage**	856.3	941.8	85.6	809.6	(46.7)
276.9	293.1	16.2	**All Other**	2,921.9	2,788.3	(133.6)	2,715.1	(206.8)
5,617.7	**5,345.9**	**(271.8)**	**OPERATING EXPENSES**	**70,031.7**	**69,294.5**	**(737.2)**	**64,376.5**	**(5,655.2)**
(229.1)	**142.9**	**(372.0)**	**OPERATING INCOME**	**4,112.3**	**3,654.1**	**458.2**	**3,709.0**	**403.3**
81.7	103.6	(21.9)	**JOINING FEES**	1,409.0	1,330.0	79.0	961.0	448.0
($147.4)	**$246.5**	**($393.9)**	**TOTAL OPERATING CONTRIBUTION**	**$5,521.2**	**$4,984.0**	**$537.2**	**$4,670.0**	**$851.2**

YMCA Camp High Harbour Services
At Bethel Park

Revenue - Camp High Harbour

Line #	Description	Annual	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
110	Contributions	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
115	Woodruff Trust	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
130	Partner With Youth	$ 132,000	$ 10,000	$ 25,000	$ 42,000	$ 5,000	$ -	$ -	$ -	$ -	$ 10,000	$ 15,000	$ 20,000	$ 5,000
1315	Day Camp Fees	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
1355	ALA Fees Weekends	$ 37,000	$ -	$ 5,000	$ 7,500	$ 6,000	$ -	$ -	$ -	$ -	$ 5,000	$ 6,000	$ 7,500	$ -
1330	Aerobics	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
1341	Off-Season Weekends	$ 148,600	$ -	$ 10,000	$ 16,500	$ 13,000	$ 36,000	$ -	$ -	$ 10,600	$ 17,250	$ 18,000	$ 17,250	$ 10,000
1343	Outdoor Envir. Education	$ 218,800	$ 18,000	$ 27,000	$ 30,000	$ 30,600	$ 31,200	$ -	$ -	$ 9,000	$ 24,000	$ 21,000	$ 14,000	$ 14,000
1351	Pathfinder Fees	$ 1,300,000	$ 130,000	$ 195,000	$ 325,000	$ 390,000	$ 195,000	$ 65,000	$ -	$ -	$ -	$ -	$ -	$ -
1352	Trailblazer Fees	$ 168,750	$ 16,875	$ 25,313	$ 33,750	$ 42,188	$ 33,750	$ 10,125	$ 6,750	$ -	$ -	$ -	$ -	$ -
1353	Watersports Fees	$ 135,000	$ 13,500	$ 20,250	$ 27,000	$ 40,500	$ 20,250	$ 8,100	$ 5,400	$ -	$ -	$ -	$ -	$ -
1354	Horseback Fees	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
1355	LIT/LAP Fees	$ 69,750	$ 9,000	$ 13,500	$ 18,000	$ 2,250	$ 18,000	$ 5,400	$ 3,600	$ -	$ -	$ -	$ -	$ -
1361	Day Camp Fees	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
1364	Explorer Fees	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
1367	Travel Camp Fees	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
1385	Program Mnger Fees	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
1394	Training	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
1398	Returned Checks	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
1410	Mechandise For Resale	$ 115,660	$ -	$ 1,500	$ 2,200	$ 2,560	$ 3,500	$ 40,000	$ 38,000	$ 20,000	$ 3,500	$ 2,400	$ 1,500	$ 500
1420	Meals/ Special Events	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
1510	Endowment	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
1600	Miscellaneous Income	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
1820	Metro PWY	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
1850	Branch Billing	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	Totals >>>	**$ 2,325,560**	**$ 197,375**	**$ 322,563**	**$ 501,950**	**$ 532,098**	**$ 337,700**	**$ 128,625**	**$ 53,750**	**$ 39,600**	**$ 59,750**	**$ 62,400**	**$ 60,250**	**$ 29,500**

Expense

Line #	Description	Annual	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
2110	Salary - Administration	193,000	$ 16,083	$ 16,083	$ 16,083	$ 16,083	$ 16,083	$ 16,083	$ 16,083	$ 16,083	$ 16,083	$ 16,083	$ 16,083	$ 16,083
2123	Instructor - Counselors	88,614	$ 4,200	$ 6,300	$ 6,300	$ 6,300	$ 4,200	$ 15,452	$ 20,662	$ 4,200	$ 6,300	$ 6,300	$ 4,200	$ 4,200
2125	Program Directors	53,776	$ 2,291	$ 2,284	$ 2,445	$ 2,556	$ 2,344	$ 14,566	$ 12,522	$ 9,221	$ 553	$ 1,464	$ 1,765	$ 1,765
2150	Clerical	30,416	$ 2,139	$ 1,922	$ 2,518	$ 1,854	$ 2,022	$ 3,661	$ 2,918	$ 3,073	$ 2,784	$ 2,776	$ 2,727	$ 2,022
2161	Maintenance Staff	83,500	$ 6,958	$ 6,958	$ 6,958	$ 6,958	$ 6,958	$ 6,958	$ 6,958	$ 6,958	$ 6,958	$ 6,958	$ 6,958	$ 6,958
2170	Food Handlers	56,661	$ 3	$ 4,050	$ 5,400	$ 4,050	$ 4,050	$ 11,202	$ 10,050	$ 5,706	$ 4,050	$ 4,050	$ 2,700	$ 1,350
2190	Other - Nurse, Courier, Etc.	29,719	$ 210	$ 850	$ 830	$ 920	$ 1,040	$ 8,674	$ 11,036	$ 5,213	$ 186	$ 560	$ 200	$ -
2210	Medical and Life Insurance	23,160	$ 1,930	$ 1,930	$ 1,930	$ 1,930	$ 1,930	$ 1,930	$ 1,930	$ 1,930	$ 1,930	$ 1,930	$ 1,930	$ 1,930
2220	Retirement	23,160	$ 1,930	$ 1,930	$ 1,930	$ 1,930	$ 1,930	$ 1,930	$ 1,930	$ 1,930	$ 1,930	$ 1,930	$ 1,930	$ 1,930
2310	Payroll Taxes	149,992	$ 8,928	$ 10,765	$ 11,350	$ 10,842	$ 10,275	$ 21,447	$ 22,464	$ 14,127	$ 10,336	$ 10,694	$ 9,697	$ 9,066
2430	Temp. Employment	5,377	$ -	$ 250	$ -	$ -	$ -	$ 3,500	$ -	$ 1,350	$ -	$ 277	$ -	$ -
2510	Supplies - Office	15,000	$ 1,250	$ 1,250	$ 1,250	$ 1,250	$ 1,250	$ 1,250	$ 1,250	$ 1,250	$ 1,250	$ 1,250	$ 1,250	$ 1,250
2520	Supplies - Cleaning, Maint.	6,349	$ -	$ -	$ -	$ 63	$ 211	$ 2,368	$ 1,707	$ 1,888	$ 112	$ -	$ -	$ -
2530	Supplies - Medical	6,753	$ 43	$ -	$ -	$ 1,003	$ 838	$ 3,603	$ 659	$ 475	$ 28	$ -	$ 104	$ -
2531	Supplies - Medical Bills	-	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

2540	Supplies - Program	46,511	$ 3,948	$ 6,451	$ 10,039	$ 10,642	$ 6,754	$ 2,573	$ 1,075	$ 792	$ 1,195	$ 1,248	$ 1,205	$ 590
2542	Supplies - Out of Camp Fee	-	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
2543	Supplies - Horseback	-	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
2550	Supplies - Food	-	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
2561	Laundry	-	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
2571	Merchandise For Resale	-	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
2590	Other Supplies	8	$ (15)	$ (74)	$ -	$ 64	$ -	$ 267	$ (49)	$ 225	$ (400)	$ (10)	$ -	$ -
2600	Telephone Related Cost	-	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
2605	Cellular Phones	4,248	$ 354	$ 354	$ 354	$ 354	$ 354	$ 354	$ 354	$ 354	$ 354	$ 354	$ 354	$ 354
2608	Computer Communications	4,656	$ 388	$ 388	$ 388	$ 388	$ 388	$ 388	$ 388	$ 388	$ 388	$ 388	$ 388	$ 388
2700	Postage and Shipping Cost	-	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
2810	Rent	-	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
2831	Electrical	29,850	$ 1,500	$ 1,800	$ 2,000	$ 1,900	$ 2,300	$ 3,200	$ 3,700	$ 4,000	$ 3,000	$ 2,700	$ 1,950	$ 1,800
2832	LP Gas	18,000	$ 1,500	$ 1,500	$ 1,500	$ 1,500	$ 1,500	$ 1,500	$ 1,500	$ 1,500	$ 1,500	$ 1,500	$ 1,500	$ 1,500
2841	Buildings and Grounds	90,033	$ 4,868	$ 5,680	$ 8,766	$ 16,683	$ 15,420	$ 14,623	$ 21,000	$ 2,540	$ (5,302)	$ 2,267	$ 2,988	$ 500
2845	Water Infrastructure	32,942	$ 2,651	$ 2,450	$ 2,300	$ 2,750	$ 2,890	$ 3,210	$ 3,500	$ 3,640	$ 3,200	$ 2,541	$ 2,310	$ 1,500
2880	Property Insurance	20,000	$ 1,667	$ 1,667	$ 1,667	$ 1,667	$ 1,667	$ 1,667	$ 1,667	$ 1,667	$ 1,667	$ 1,667	$ 1,667	$ 1,667
2890	Maintenance Reserve Fund	-	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
2930	Equipment - Purchase	18,073	$ 955	$ 955	$ 1,055	$ 4,023	$ 3,220	$ 893	$ 2,313	$ -	$ 1,963	$ 1,409	$ 1,287	$ -
2935	Computer Purchases	5,258	$ -	$ -	$ 3,208	$ -	$ 1,174	$ 450	$ -	$ -	$ 326	$ 100	$ -	$ -
2940	Equipment - Maintenance	-	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
2945	Computer Maintaince	-	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
3110	Promotion Materials	-	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
3115	Routine Printed Materials	-	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
3120	PWY Promotion	1,094	$ -	$ -	$ 171	$ 98	$ -	$ -	$ 625	$ 200	$ -	$ -	$ -	$ -
3230	Mileage and Parking Expen	2,150	$ 179	$ 179	$ 179	$ 179	$ 179	$ 179	$ 179	$ 179	$ 179	$ 179	$ 179	$ 179
3240	Employee Expenses	4,800	$ -	$ -		$ -	$ 1,200	$ -	$ -	$ -	$ 1,800	$ -	$ -	$ 1,800
3242	Employee Recognition	2,412	$ -	$ -	$ -	$ 57	$ -	$ -	$ 767	$ 1,588	$ -	$ -	$ -	$ -
3250	Vehicle Operation	-	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
3251	Vessel Operation	-	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
3260	Vehicle Insurance	5,421	$ 419	$ 221	$ 419	$ 419	$ 419	$ 1,094	$ 1,063	$ 1,094	$ (834)	$ 369	$ 369	$ 369
3270	Vehicle Rent & Lease	52,434	$ 893	$ 7,740	$ 7,599	$ 872	$ 6,707	$ 1,724	$ 2,557	$ 7,400	$ 8,703	$ 4,730	$ 3,509	$ -
3271	Vessel Rent & Lease	72,000	$ -	$ -	$ -	$ -	$ -	$ 24,000	$ 24,000	$ 24,000	$ -	$ -	$ -	$ -
3310	Cost of Meetings	3,400	$ 450	$ -	$ 700	$ -	$ -	$ 1,000	$ -	$ -	$ 500	$ -	$ 750	$ -
3350	Conference and Training Fe	5,600	$ 800	$ -	$ 800	$ -	$ 800	$ -	$ 800	$ 800	$ -	$ 800	$ -	$ 800
3520	Dues	1,200	$ 100	$ 100	$ 100	$ 100	$ 100	$ 100	$ 100	$ 100	$ 100	$ 100	$ 100	$ 100
3760	Bank Service Charge	21,936	$ 1,874	$ 2,976	$ 4,600	$ 5,271	$ 3,377	$ 1,286	$ 538	$ 396	$ 498	$ 474	$ 403	$ 245
3810	General Liability Insurance	-	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
3910	Miscellaneous	-	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
3980	Recruit and Relocate	1,643	$ -	$ -	$ 1,500	$ -	$ 143	$ -	$ -	$ -	$ -	$ -	$ -	$ -
3999	Contingency	-	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
4830	Metro Services	252,259	$ 21,548	$ 34,220	$ 52,894	$ 60,616	$ 38,836	$ 14,792	$ 6,181	$ 4,554	$ 5,721	$ 5,451	$ 4,629	$ 2,818
4850	Branch Charges	-	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
5350	Fixed Assets	-	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
5351	Debt Service	300,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000
5914	Transfer to/from LBE	-	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	Totals	1,761,405	115,044	146,179	182,233	188,323	165,559	210,924	207,428	153,822	102,058	105,539	98,132	86,164
	Contribution to 2010 Facility Expasion Plan	*564,155*	*82,331*	*176,383*	*319,717*	*343,775*	*172,141*	*(82,299)*	*(153,678)*	*(114,222)*	*(42,308)*	*(43,139)*	*(37,882)*	*(56,664)*

YMCA Camp High Harbour
Bethel Park
Design, Construction and Facility Management and Engineering Experience

The YMCA procures some of the top design, construction and facility management, and engineering consulting firms available. Each has many years of highly successful experiences with the YMCA of Metro Atlanta.

ARCHITECTURE AND DESIGN

COLLINS COOPER CARUSI *Architects*

Atlanta, Ga.-based design firm Collins Cooper Carusi, which specializes in architecture, land and master planning, interior design and historic preservation, is a trusted YMCA partner. Most recently, Collins Cooper Carusi designed the beautiful 57,000 square foot Forsyth County Family YMCA in the new Vickery mixed-use development in Cumming, Ga. As the first LEED® certified commercial structure in Forsyth County, the facility upholds the YMCA's commitment to be environmental responsible through enhanced durability and reduced operational and maintenance costs.

CONSTRUCTION MANAGEMENT

CM ASSOCIATES

For more than ten years, Atlanta, Ga.-based CM Associates has provided construction management leadership throughout the Southeast, overseeing construction of the Gov. Carl Sanders Buckhead YMCA, Ed Isakson/Alpharetta YMCA and Eastlake YMCA.

FACILITY MANAGEMENT

JONES LANG LASALLE

Named as one of FORTUNE magazine's "100 Best Companies to Work For," Jones Lang LaSalle is a full service real estate and money management and services firm that now manages all of the Metro Atlanta YMCA's facilities. As the largest property management company in the world, Jones Lang LaSalle's experience and expertise helps assure that YMCA facilities continue to serve the greater good for years to come.

ENGINEERING AND ENVIRONMENTAL CONSULTING

RMA
Rindt-McDuff

With offices in Marietta and Gainesville, RMA has been providing engineering and environmental services to municipal, industrial, commercial and land development clients in Georgia through the Southeast for many years.

YMCA Camp High Harbour
Bethel Park
Existing Public-Private Partnerships

U.S. Army Corps of Engineers/YMCA Camp Collaborations

Samples From Around the Nation

- Cherokee Outdoor YMCA-Lake Allatoona, YMCA of Metro Atlanta, Woodstock Georgia
- Eagle Pointe Day Camp-Lake Lanier, YMCA of Metro Atlanta, Cumming Georgia
- Camp Sandman-Lake Allatoona, YMCA of Metro Atlanta, Cherokee County Georgia
- Joe C. Davis YMCA Resident Center, J. Percy Priest Lake, YMCA of Middle Tennessee, Nashville Tenn.
- Southside YMCA Day Camp-Thurmond Lake, YMCA of Augusta, Augusta Georgia
- Frost Valley YMCA Resident Camp, Frost Valley YMCA, Claryville, NY

YMCA Camp High Harbour
Bethel Park
Existing Public-Private Partnerships

YMCA Has Rich History of Public-Private Partnerships

1. **Ed Isakson-Alpharetta Family YMCA: joint funding of full service YMCA serving over 20,000 members annually. Facility named for the late father of Senator Johnny Isakson**
2. **Eastlake Family YMCA: key partners include the Atlanta Housing Authority, HUD, Atlanta Pubic Schools, and the Cousin's Foundation. A vital part of a revitalized community made up of mixed income housing, commercial, educational facilities, and more.**
3. **Villages at Carver Family YMCA: a partnership with the City of Atlanta Housing Authority, HUD, and private developers. Facilities open spring of 2007.**
4. **Cecil Pruett Family YMCA: a YMCA facility designed as a full service community center and fully funded by the City of Canton, GA. All programs managed by the YMCA.**
5. **Robert D. Fowler YMCA Seniors Center, funded by HUD. Facilities open spring of 2007.**
6. **YMCA Head Start: Serving over 1400 children at 20 metro Atlanta area locations. Funding from U.S. Health and Human Services.**
7. **YMCA Early Childhood Learning Centers: Pre-k, traditional early child care programs serving over 2500 children daily. Programs funded by Georgia-Bright from the Start, Dept of Early Care and Learning.**

Bethel Park Use Analysis
July 2006-October 2006

Contrary to claims by made by the opposition, Bethel Park is vastly underutilized as it has been almost completely closed for years. The following data, collected during site visits at various times between July and October 2006, suggests that Bethel Park is barely being used by anyone at the present.

Date of Site Visit	Vehicles	Vehicles with trailers	People seen	Time of day
Saturday, July 15	8	7	10	2:15 PM
Sunday, July 16	8	17	0	4:30 PM
Monday, July 17	6	1	0	6:15 PM
Wednesday, July 19	1	0	1	6:40 PM
Friday, July 21	1	2	0	12:30 PM
Saturday, July 22	4	7	3	6:20 PM
Sunday, July 23	2	6	7	4:00 PM
Monday, July 24	1	0	2	1:30 PM
Tuesday, July 25	1	0	1	2:00 PM
Wednesday, July 26	1	3	1	4:30 PM
Saturday, July 29	1	6	4	12:05 PM
Sunday, July 30	5	8	2	7:10 PM
Monday, July 31	0	2	0	4:30 PM
Sunday, August 6	0	2	0	12:00 PM
Monday, August 7	0	0	0	12:35 PM
Wednesday, August 9	0	0	0	9:00 AM
Thursday, August 10	0	0	0	6:30 PM
Friday, August 11	0	0	0	10:15 AM
Sunday, August 13	1	0	2	7:15 PM
Tuesday, August 29	1	0	1	6:45 PM
Wednesday, August 30	0	0	0	6:30 PM
Friday, September 1	1	0	1	5:00 PM
Saturday, September 2	1	0	0	5:15 PM
Sunday, September 3	0	0	0	3:00 PM
Monday, September 4	3	0	3	5:30 PM
Tuesday, September 5	0	0	0	12:15 PM
Wednesday, Sept. 6	1	0	1	7:00 PM
Thursday, Sept. 7	0	0	0	6:30 PM
Friday, Sept. 8	0	0	0	6:40 PM
Saturday, Sept. 9	1	0	0	5:00 PM
Sunday, Sept. 10	0	0	0	4:55 PM
Monday, Sept. 11	2	0	4	7:00 PM
Thursday, Sept. 14	0	0	0	6:00 PM

Date	Vehicles	Vehicles with trailers	People seen	Time of day
Friday, Sept. 15	3	0	0	6:00 PM
Saturday, Sept. 16	2	1	5	7:00 PM
Sunday, Sept. 17	1	0	0	3:00 PM
Monday, Sept. 18	0	0	0	3:45 PM
Tuesday, Sept. 19	2	0	0	6:10 PM
Thursday, Sept. 21	0	0	0	6:30 PM
Friday, Sept. 22	7	0	3	5:00 PM
Saturday, Sept. 23	1	0	2	5:00 PM
Sunday, Sept. 24	0	0	0	4:00 PM
Monday, Sept. 25	0	0	0	5:00 PM
Wednesday, Sept. 27	2	0	2	4:15 PM
Thursday, Sept. 28	1	0	0	5:00 PM
Friday, Sept. 29	3	0	0	6:00 PM
Saturday, Sept. 30	1	0	3	4:00 PM
Sunday, Oct. 1	1	1	2	3:15 PM
Tuesday, Oct. 3	2	0	0	6:00 PM
Wednesday, Oct. 4	0	0	0	4:00 PM
Thursday, Oct. 5	0	0	0	5:15 PM
Friday, Oct. 6	1	0	0	4:30 PM
Saturday, Oct. 7	2	0	0	5:30 PM
Sunday, Oct. 8	2	0	0	3:30 PM
Monday, Oct. 9	2	0	0	6:30 PM
Tuesday, Oct. 10	2	0	0	3:30 PM
Thursday, Oct. 12	0	0	0	3:30 PM
Friday, Oct. 13	0	0	0	4:15 PM
Saturday, Oct. 14	0	0	0	4:45 PM
Sunday, Oct. 15	0	0	0	4:00 PM

Diversity and Inclusion

YMCA of Metropolitan Atlanta

OVERVIEW

FIVE-YEAR PLAN

FOR

DIVERSITY & INCLUSION

Complete Five-Year Plan for Diversity & Inclusion e
developed by the Diversity and Inclusion Action Team and approved by the
Diversity and Inclusion Committee of the YMCA of Metro Atlanta
October 1, 2002

Prepared by: Fred L. Bradley

YMCA
We build strong kids,
strong families, strong communities.

Diversity & Inclusion
Action Plan for the
YMCA of Metro Atlanta

Overview/Background

For several years now, the YMCA of Metro Atlanta has been engaged in an exciting and dynamic plan for growth and outreach. We have recognized that the region of Atlanta, and capital city of the New South, represents significant opportunity to reach out and serve a population that is rich in diversity.

We are committed, as an organization, to the principle and goal of our programs and services reflecting the diversity of the community in members, donors, volunteers, and staff.

Our Diversity Vision Statement

The Metro Atlanta YMCA is committed to a long term Strategic Diversity Management process that addresses diversity and inclusion in ways that increase our ability to meet individual and organizational goals. This process affirms an interest in creating an environment that maximizes the potential of the entire work force and effectively manages the diversity challenges of our Association.

Metro Atlanta YMCA

Mission Statement

Your YMCA, reflecting its Judeo-Christian heritage, is an association of volunteers, members and staff, open to and serving all, providing programs and services which develop spirit, mind, and body. Financial assistance is available based on need. The YMCA actively seeks to identify and involve those in need.

Defining Diversity

Diversity means the collective mixture. It is the mosaic of people who bring a variety of backgrounds, styles, perspectives, beliefs, and competencies as assets to the YMCA groups and individuals with whom they interact.

Cultural Competence

Cultural competence is a set of competencies and skills that individuals and organizations can use to create an environment that values diversity and inclusion. The YMCA member/participant/volunteer/staff family is as diverse as the communities we serve. We expect all persons to interact with each other by living and role modeling our four values:
CARING, HONESTY, RESPECT, AND RESPONSIBILITY.

We teach these values in all of our programs. Besides teaching them, we expect our employees, volunteers, and members to "walk the walk" by using these values in our interpersonal actions. The Judeo-Christian ethic - justice, righteousness, mercy, and love - requires more than lip service. At its best, the YMCA's style of operation reflects these ethics and values.

Organizational Competence

In our YMCA's work with Dr. Roosevelt Thomas, he has helped us all to understand what organizational competency looks like. Dr. Thomas suggests the following:

1. Managers have conceptual clarity of diversity issues.

2. They plan and implement with respect to affirmative action, understanding differences, managing diversity and strategic diversity management.

3. They have developed diversity and inclusion management skills.

4. They address ALL diversity mixtures offering opportunity for organizational gain.

5. They understand that there is a difference between managing diversity and eliminating "isms."
6. They are comfortable with diversity and inclusion dynamics.

7. They have a working understanding of business motives and constantly focus on process.

8. They are requirements driven.

9. They pursue cultural change where appropriate.

10. They avoid "feel good" traps: awareness, activity, training, and public relations.

The Diversity and Inclusion Plan for the Metro Atlanta YMCA shall proceed on a variety of tracks primarily focused on staff, policy volunteers, community relationships, and member/program participant outreach.

Three Key Areas to be Addressed in the Plan

1. Establishing Diversity as an Organizational Value
   a) To create an environment that demonstrates acceptance, appreciation, and value of each employee and each community member we serve.

2. Establishing an Inclusive Culture
   a) To demonstrate the Y's value of diversity and inclusion by engaging staff, volunteers, and members in the process of creating an inclusive environment.

3. Gaining Organizational Competence
   a) Ensure that our management team has conceptual clarity of diversity and inclusion issues.
   b) That we have developed diversity and inclusion management skills.
   c) That we understand there is a difference between managing diversity and inclusion and eliminating "isms."
   d) That we are requirements driven.

It has also been identified that there are three "support" goals that must be addressed in order to "under gird" the strategic plan; they are:

A. Practices, Policies and Procedures

a) To ensure YMCA practices, policies and procedures are equitably administered and reflect the strategic diversity and inclusion goal.

B. Staff and volunteer development and training

a) Ensure all staff have access to opportunities that stimulate their growth and professional development.
b) Ensure the development of the Metro Board, Branch Boards, and their committees by giving support they need to provide leadership for our changing Association.

C. Research & Evaluation

a) Ensure our commitment to diversity and inclusion is reflected in each branch.

Program

YMCA - Camp High Harbour at Bethel Park
Lake Sidney Lanier

April 1, 2005
Program Detail Summary - Phase 1 Revised

Symbol	Site Amenities	Island Location	Phase	Quantity	Gross Square Footage	Total Square Footage	Remarks
B1	**Field Complex**	I	1	1			
B3	**Airnasium/Multi-Purpose Court**	I	1	1			Cover half the court area 80'x80'
D	**Ampitheater - 500 person capacity**	I	1	1			
H	**Parking -156 Cars**	I	1	1			Gravel Only
H1	**Overflow Parking - 48 Cars**	I	1	1			
U	**Marina and First Aid Station**						
W	6 slips	I	1	1			
X	2 Floating Docks and Platforms						
N	**Beach**	II	1	2			
S	**Ropes Course**	III	1	1			
Y	**Fishing Pier**	I	1	1			
	Road System and Infrastructure	I, III	1				

Symbol	Building Description	Island Location	Phase	Quantity	Gross Square Footage	Total Square Footage	Remarks
F	**Resident Cabin**	I	1	5	3,395	16,975	
A2	**Director's Cabin**	I	1	1	1,600	1,600	
G	**Maintenance Building**	I	1	1	1,200	1,200	
C	**Dining Hall**	I	1	1	15,565	15,565	
	.1 Administration		1				
	.2 Camp Store		1				
	.3 Dining Hall		1				
	.4 Kitchen		1				
	.5 Stage		1				
	.6 Restrooms		1				
	.7 Infirmary		1		2,235	2,235	
	.8 Infirmary Living Quarters		1				
	.9 Mechanical		1		468	468	
	.10 Staff Living Quarters		1		2,627	2,627	
B2	**Pavilion**	I	1	1	1,400	1,400	

Symbol	Building Description	Island Location	Phase	Quantity	Gross Square Footage	Total Square Footage	Remarks
D	**A/V Booth and Amphitheater Stage**	I	1	1	810	810	
U	**First Aid**	I	1	1	200	200	

Phase 1 Building Build-Out Area 43,080 GSF

YMCA - Camp High Harbour at Bethel Park
Lake Sidney Lanier

April 1, 2005
Program Detail Summary - Phase 2 Revised

Symbol	Site Amenities	Island Location	Phase	Quantity	Gross Square Footage	Total Square Footage	Remarks
C2	**Outdoor Pool**	I	2	1			
D	**Ampitheater - 500 person capacity**	I	2	1			
J	**Ampitheater - 150-200 person capacity**	II	2	1			
P		III	2	1			
U	**Marina**						
V	6-12 sailboats	I	2	1			See Master Plan for Phase 2
M	**Open Space**	II	2	1			
O	**Archery**	II	2	1			
M	**Field Space**	II	2	1			
	Road System and Infrastructure	II	1				

Symbol	Building Description	Island Location	Phase	Quantity	Gross Square Footage	Total Square Footage	Remarks
L	**Resident Cabin**	II	2	7	3,395	23,765	
F1	**Staff Cabin**	I	2	2	2,325	4,650	
C	**Dining Hall**	I	2	1	8,688	8,688	Lower Level Build-Out
	.1 Classroom						
	.2 Locker Rooms						
B	**Gymnasium**	I	2	1	12,300	12,300	
	.1 Gymnasium						
	.2 Restrooms						
	.3 Concessions						
	.4 Storage/Mechanical						
E	**Main Chapel**	I	2	1	8,610	8,610	
K	**Small Chapel**	II	2	1	2,340	2,340	
M2	**Pavilion**	II	2	1	1,400	1,400	
T1		III	2	1	1,400	1,400	
J	**A/V Booth and Amphitheater Stage**	1	2	1	810	810	
D		II	2	1	810	810	
P		III	2	1	810	810	

Phase 2 Building Build-Out Area 65,583 GSF

Architectural Narrative

YMCA – Camp High Harbour at Bethel Park
Lake Sidney Lanier, Georgia

April 1, 2005
Architectural Narrative Revised

Resident and Staff Cabins

Walls: 2x6 wood studs at 16" o.c. with R19 Batt insulation with integral vapor barrier, 1/2" fiberglass reinforced gypsum sheathing, 15# building felt, and cementitious fiberboard plank siding. Rubble granite stone base to 2'-0" above finish grade.

Interior walls: 2x4 wood studs at 16" o.c., 2x6 wood studs at 16" o.c. for plumbing walls.

Floor: Pre-engineered I-Joists at 16"o.c. with 3/4" plywood subfloor.

Roof: Pre-engineered wood trusses with structural insulated panels, 30# roofing felt, 20-year architectural grade asphalt shingles

Finishes: Common Area –
- Floor: Commercial grade pre-engineered wood floor
- Walls: T-111 wainscoting with batten strips to 4'-0" A.F.F.
- Ceiling: Exposed wood trusses with T&G bead board plywood.

Bedrooms –
- Floor: Sheet vinyl flooring
- Walls: T-111 with batten strips to underside of ceiling.
- Ceiling: T&G bead board plywood.

Bathrooms –
- Floor: Ceramic tile
- Walls: Ceramic tile at wet walls, T-111 with batten strips to underside of ceiling.
- Ceiling: T&G bead board plywood.

HVAC: Electric heat pump system

Specialties: Wood burning fireplace. Kitchenette at Staff cabin.

Director's Cabin

Walls: 2x6 wood studs at 16" o.c. with R19 batt insulation with integral vapor barrier, 1/2" fiberglass reinforced gypsum sheathing, 15# building felt, and cementitious fiberboard plank siding. Rubble granite stone base to 2'-0" above finish grade.

Interior walls: 2x4 wood studs at 16" o.c., 2x6 wood studs at 16" o.c. for plumbing walls.

Floor: Pre-engineered I-Joists at 16"o.c. with 3/4" plywood subfloor.

Roof: Pre-engineered wood trusses with structural insulated panels, 30# roofing felt, 20-year architectural grade asphalt shingles.

Finishes: Living Area –
- Floor: Commercial grade pre-engineered wood floor
- Walls: T-111 wainscoting with batten strips to 4'-0" A.F.F.
- Ceiling: Painted gypsum wallboard

Bedrooms –
- Floor: Commercial grade carpet
- Walls: T-111 wainscoting with batten strips to 4'-0" A.F.F.
- Ceiling: Painted gypsum wallboard.

Bathrooms –
- Floor: Ceramic tile
- Walls: Ceramic tile at wet walls to 6'-0" A.F.F.
- Ceiling: Moisture resistant gypsum board

Kitchen:
- Floor: Ceramic tile
- Walls: Painted gypsum wallboard.
- Ceiling: Painted gypsum wallboard.

HVAC: Electric heat pump system

Specialties: Stove, refrigerator, washer, dryer

Dining Hall

Structure: Steel columns, beams and joist system

Walls: 6" metal studs at 16" o.c. with R19 batt insulation with integral vapor barrier, 1/2" fiberglass reinforced gypsum sheathing, 15# building felt, and cementitious fiberboard plank siding. Rubble granite stone base to 2'-0" A.F.F.

Interior walls: 3 5/8" metal studs at 16" o.c., 6" metal studs at 16" o.c. for plumbing walls.

Floor: 4" concrete slab and 6 mil. vapor barrier over 4" compacted fill.
steel joist and beam with composite metal deck. 100 psf live load.

Roof: Pre-engineered wood trusses with T&G wood decking, 3" rigid insulation, 1/2" plywood, 30# roofing felt, and 20-year architectural asphalt shingles at dining room. Light gauge metal trusses with structural insulated panels, 30# roofing felt, 20-year architectural grade asphalt shingles.

Finishes:

Dining Room –
- Floor: Sheet vinyl
- Walls: T-111 wainscoting with batten strips to 4'-0" A.F.F.
- Ceiling: Exposed wood trusses with T&G wood decking

Stage –
- Floor: Sheet vinyl
- Walls: Painted gypsum board
- Ceiling: Lay-in acoustical ceiling tile.

Lobby –
- Floor: Porcelain tile
- Walls: T-111 wainscoting with batten strips to 4'-0" A.F.F.
- Ceiling: Exposed Lay-in acoustical ceiling tile

Bathrooms –
- Floor: Ceramic tile
- Walls: Ceramic tile at wet walls, painted gypsum board
- Ceiling: Lay-in acoustical ceiling tile

Administration –
- Floor: Commercial grade carpet
- Walls: Painted gypsum board.
- Ceiling: Lay-in acoustical ceiling tile

Camp Store –
- Floor: VCT
- Walls: Painted gypsum board.
- Ceiling: Lay-in acoustical ceiling tile

Kitchen -
- Floor: Quarry Tile
- Walls: Epoxy paint on wall surface
- Ceiling: Moisture resistant, washable lay-in acoustical ceiling tile

Classroom -
- Floor: Sheet vinyl
- Walls: T-111
- Ceiling: Lay-in acoustical ceiling tile

Locker Rooms –
- Floor: Ceramic tile
- Walls: Ceramic tile at wet walls, painted gypsum board
- Ceiling: Moisture resistant lay-in acoustical ceiling tile

Infirmary

Bathrooms –
- Floor: Ceramic tile
- Walls: Ceramic tile at wet walls, painted gypsum board
- Ceiling: Lay-in acoustical ceiling tile

Treatment areas –
- Floor: Sheet vinyl
- Walls: Painted gypsum board
- Ceiling: Lay-in acoustical ceiling tile

Infirmary Living Quarters

Living Area –
- Floor: Commercial grade pre-engineered wood floor
- Walls: T-111 wainscoting with batten strips to 4'-0" A.F.F.
- Ceiling: Painted gypsum wallboard

Bedrooms –
- Floor: Commercial grade carpet
- Walls: T-111 wainscoting with batten strips to 4'-0" A.F.F.
- Ceiling: Painted gypsum wallboard.

Bathrooms –
- Floor: Ceramic tile
- Walls: Ceramic tile at wet walls to 6'-0" A.F.F.
- Ceiling: Moisture resistant gypsum board

HVAC: Stand alone air-handling units

Specialties: Commercial grade kitchen equipment, manually operated front stage curtain and valance, rear stage curtain

Gymnasium

Walls: Pre-engineered metal building with 8" CMU infill with 2" rigid insulation, 2x4 wood studs at 16" o.c., 1/2" fiberglass reinforced gypsum sheathing, 15# building felt, and cementitious fiberboard plank siding.

Interior walls: 8" CMU

Floor: 4" concrete slab and 6 mil. vapor barrier over 4" compacted fill.

Roof: Pre-engineered metal trusses, tectum insulated panels, 15# building felt, 20-year architectural grade asphalt shingles.

Finishes:

Gymnasium -
- Floor: Athletic wood floor - Connor Neo-Shok Red
- Walls: Painted CMU
- Ceiling: None

Bathrooms -
- Floor: Ceramic Tile
- Walls: Painted CMU
- Ceiling: Lay-in acoustical ceiling tile

Lobby -
- Floor: Sheet vinyl
- Walls: T-111 with batten strips to 4'-0" A.F.F.
- Ceiling: Lay-in acoustical ceiling tile

Concessions -
- Floor: Sheet vinyl
- Walls: Painted CMU
- Ceiling: Lay-in acoustical ceiling tile

Mechanical/Storage -
- Floor: Sealed concrete
- Walls: Painted CMU
- Ceiling: None

HVAC: Stand-alone air handling unit

Specialties: Court divider curtain, (6) motorized retractable, height adjustable basketball goals, volleyball sleeves, wall pads and (2) overhead counter doors.

Main Chapel

Walls: 2x6 wood studs at 16" o.c. with R19 Batt insulation with integral vapor barrier, 1/2" fiberglass reinforced gypsum sheathing, 15# building felt, and cementitious fiberboard plank siding. Rubble granite stone base to 2'-0" above finish grade.

Interior walls: 2x4 wood studs at 16" o.c., 2x6 wood studs at 16" o.c. for plumbing walls.

Floor: 4" concrete slab and 6 mil. vapor barrier over 4" compacted fill.

Roof: Pre-engineered glu-lam wood trusses with T&G wood decking 3" rigid insulation, 1/2" plywood, 30# roofing felt, 20-year architectural grade asphalt shingle.

Finishes: Chapel –
- Floor: Commercial grade pre-engineered wood floor
- Walls: T-111 wainscoting with batten strips to 4'-0" A.F.F.
- Ceiling: Exposed wood trusses with T&G bead board plywood.

Stage –
- Floor: Sheet vinyl
- Walls: Painted gypsum board
- Ceiling: Lay-in acoustical ceiling tile

Lobby –
- Floor: Sheet vinyl
- Walls: T-111 wainscoting with batten strips to 4'-0" A.F.F.
- Ceiling: Tongue and groove wood

Bathrooms –
- Floor: Ceramic tile
- Walls: Ceramic tile at wet walls, T-111 with batten strips to underside of ceiling.
- Ceiling: Lay-in acoustical ceiling tile

Storage and Lighting/Sound –
- Floor: VCT
- Walls: Painted gypsum board.
- Ceiling: Lay-in acoustical ceiling tile

HVAC: Stand alone air-handling unit

Specialties: Manually operated front stage curtain and valance, rear stage curtain

Small Chapel

Walls: 2x6 wood studs at 16" o.c. with R19 Batt insulation with integral vapor barrier, 1/2" fiberglass reinforced gypsum sheathing, 15# building felt, and cementitious fiberboard plank siding. Rubble granite stone base to 2'-0" A.F.F.

Interior walls: 2x4 wood studs at 16" o.c., 2x6 wood studs at 16" o.c. for plumbing walls.

Floor: 4" concrete slab and 6 mil. vapor barrier over 4" compacted fill.

Roof: Pre-engineered glu-lam wood trusses with T&G wood decking 3" rigid insulation, 1/2" plywood, 30# roofing felt, 20-year architectural grade asphalt shingle

Finishes: Chapel –
- Floor: Commercial grade pre-engineered wood floor
- Walls: T-111 wainscoting with batten strips to 4'-0" A.F.F.
- Ceiling: Exposed wood trusses with T&G bead board plywood.

Stage –
- Floor: Sheet vinyl
- Walls: Painted gypsum board
- Ceiling: Lay-in acoustical ceiling tile

Lobby –
- Floor: Sheet vinyl
- Walls: T-111 wainscoting with batten strips to 4'-0" A.F.F.
- Ceiling: Tongue and groove wood

Bathrooms –
- Floor: Ceramic tile
- Walls: Ceramic tile at wet walls, T-111 with batten strips to underside of ceiling.

Ceiling: Lay-in acoustical ceiling tile
Storage -
Floor: VCT
Walls: Painted gypsum board.
Ceiling: Lay-in acoustical ceiling tile

HVAC: Stand alone air-handling unit

Specialties: Manually operated front stage curtain and valance, rear stage curtain

Pavilion

Walls: 8" CMU with dampproofing, 1 1/2" rigid insulation, furring strips, and cementitious fiberboard plank siding. Rubble granite stone base to 2'-0" above finish grade.

Interior walls: 8" CMU

Floor: 4" concrete slab with 6 mil vapor barrier over 4" compacted fill.

Roof: 2x10 wood rafters at 16" o.c. with R30 Batt Insulation, 5/8" plywood sheathing, 30# roofing felt, 20-year architectural grade asphalt shingles.

Finishes: Patio -
Floor: Sealed concrete
Bathrooms –
Floor: Sealed concrete
Walls: Epoxy paint
Ceiling: T&G bead board plywood

HVAC: Electric heater/thru-wall ventilation

First Aid

Walls: 2x6 wood studs at 16" o.c., 1/2" fiberglass reinforced gypsum sheathing, 15# building felt, and cementitious fiberboard plank siding.

Floor: 4" concrete slab, sealed with 6 mil vapor barrier over 4" compacted fill.

Roof: 2x10 wood rafters at 16" o.c. 5/8" plywood, 30# roofing felt, 20-year architectural grade asphalt shingle.

A/V Booth

Walls: 2x6 wood studs at 16" o.c., R19 batt insulation with integral vapor barrier, 1/2" fiberglass reinforced gypsum sheathing, 15# building felt, and cementitious fiberboard plank siding.

Floor: Pre-engineered I-Joists at 16"o.c. with 3/4" plywood subfloor.

Roof: 2x10 wood rafters at 16" o.c. with R30 batt insulation, 5/8" plywood, 30# roofing felt, 20-year architectural grade asphalt shingle.

Finishes: Floor: Sheet vinyl
Walls: T-111
Ceiling: T&G bead board plywood

Amphitheater Stage

Walls: 2x6 wood studs at 16" o.c., 1/2" fiberglass reinforced gypsum sheathing, 15# building felt, and cementitious fiberboard plank siding.

Floor: 2x10 P.T. joists, 1x6 P.T. decking

Roof: 2x10 wood rafters at 16" o.c., 5/8" plywood, 30# roofing felt, 20-year architectural grade asphalt shingles.

Maintenance

Walls: 8" nominal CMU, painted.

Interior walls: 2x4 wood studs at 16" o.c., 2x6 wood studs at 16" o.c. for plumbing walls.

Floor: 4" concrete slab over 6 mil. vapor barrier on 4" compacted fill.

Roof: Pre-engineered wood trusses with structural insulated panels, 30# roofing felt, 20-year architectural grade asphalt shingles.

Finishes:

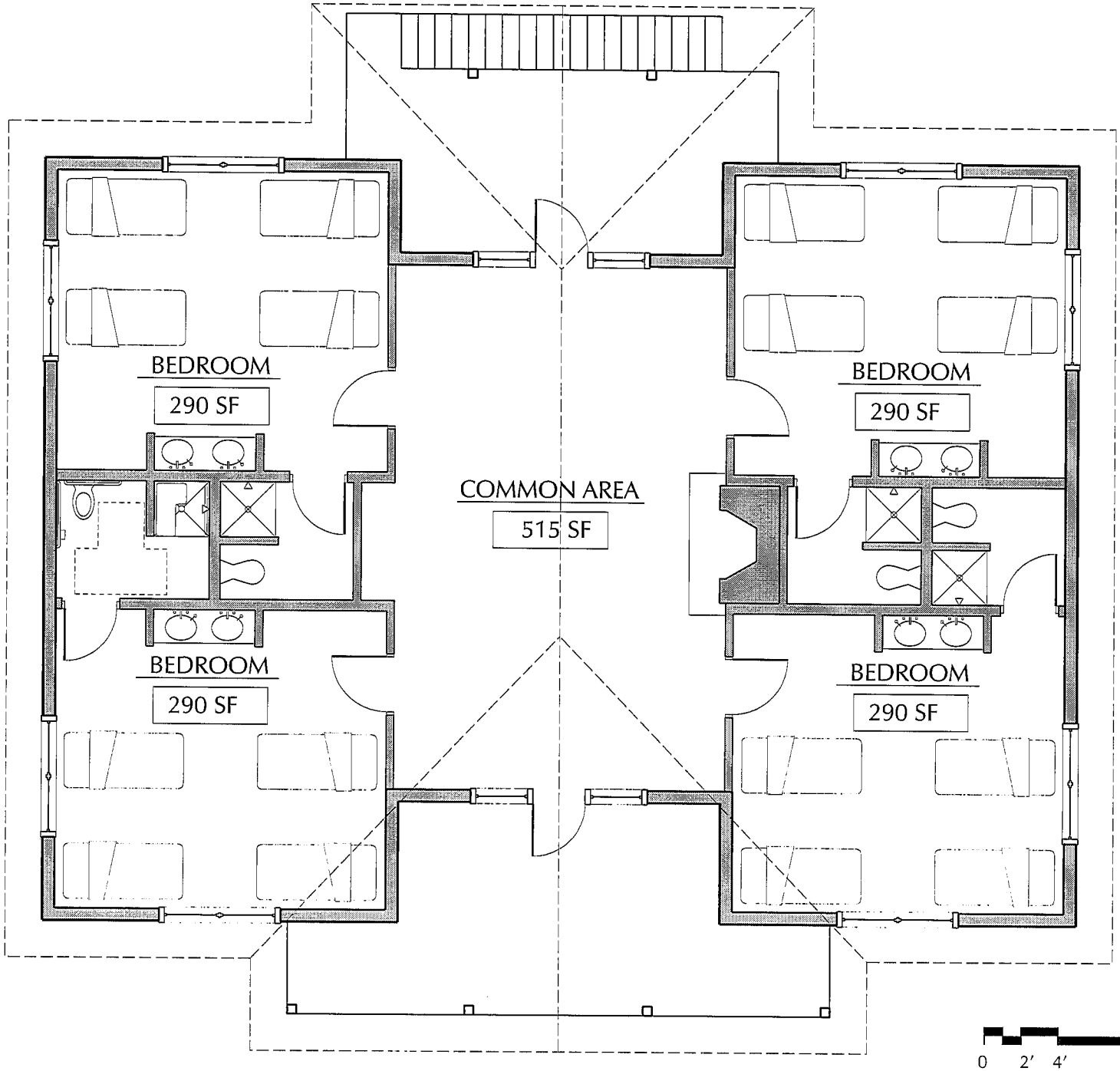
Garage –
- Floor: Sealed Concrete
- Walls: Painted CMU
- Ceiling: none

Bathroom –
- Floor: Sealed Concrete
- Walls: FRP
- Ceiling: none

Office –
- Floor: Sealed Concrete
- Walls: T-111
- Ceiling: none

Specialties: Overhead garage doors

Building Floor Plans



0 2′ 4′ 8′ 16′

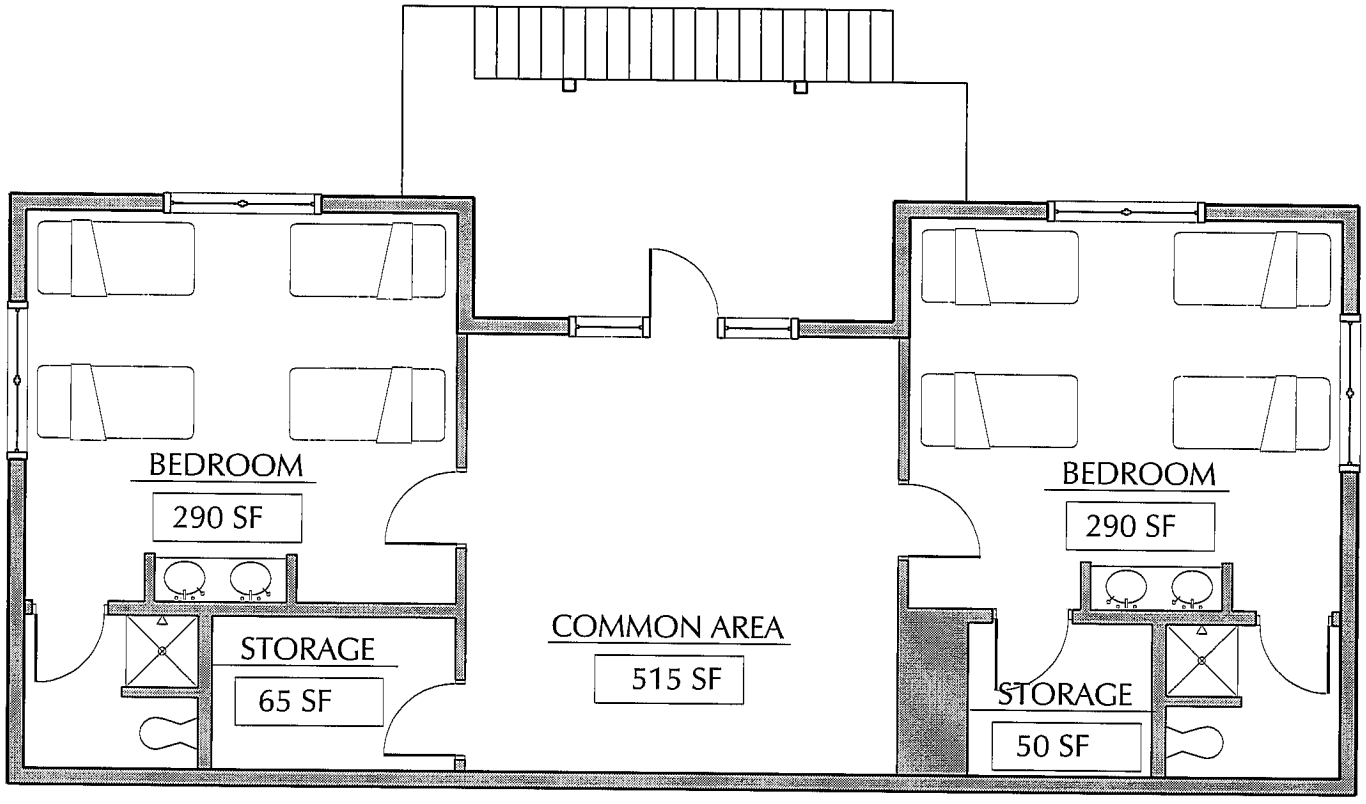
Resident Cabin - Upper Level

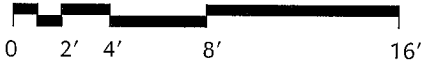
2,100 GSF

YMCA Camp High Harbour at Bethel Park

Collins Cooper Carusi Architects, Inc.

April 1, 2005





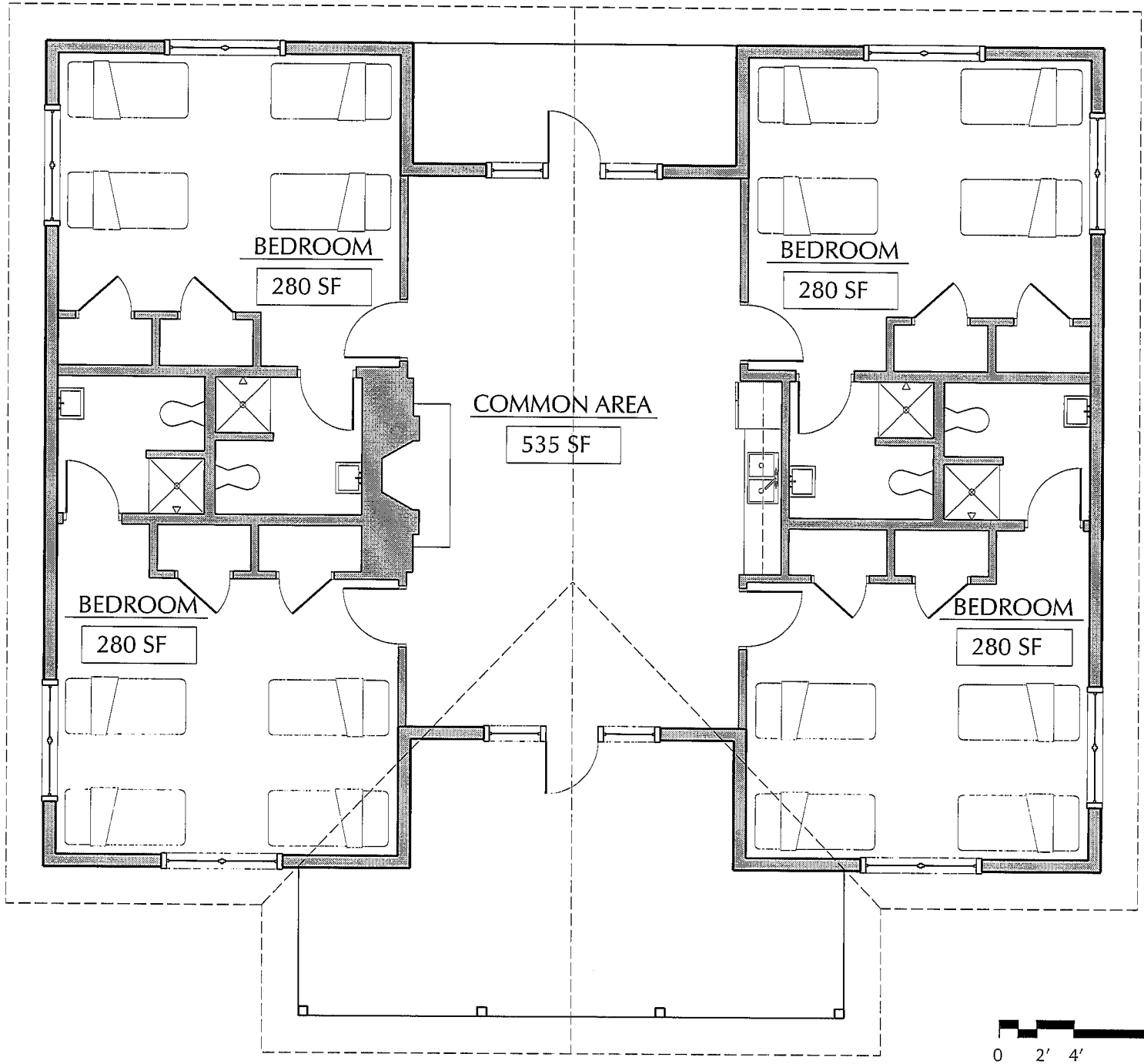
Resident Cabin - Lower Level

1,295 GSF

YMCA Camp High Harbour at Bethel Park

Collins Cooper Carusi Architects, Inc.

March 16, 2005



0 2′ 4′ 8′ 16′

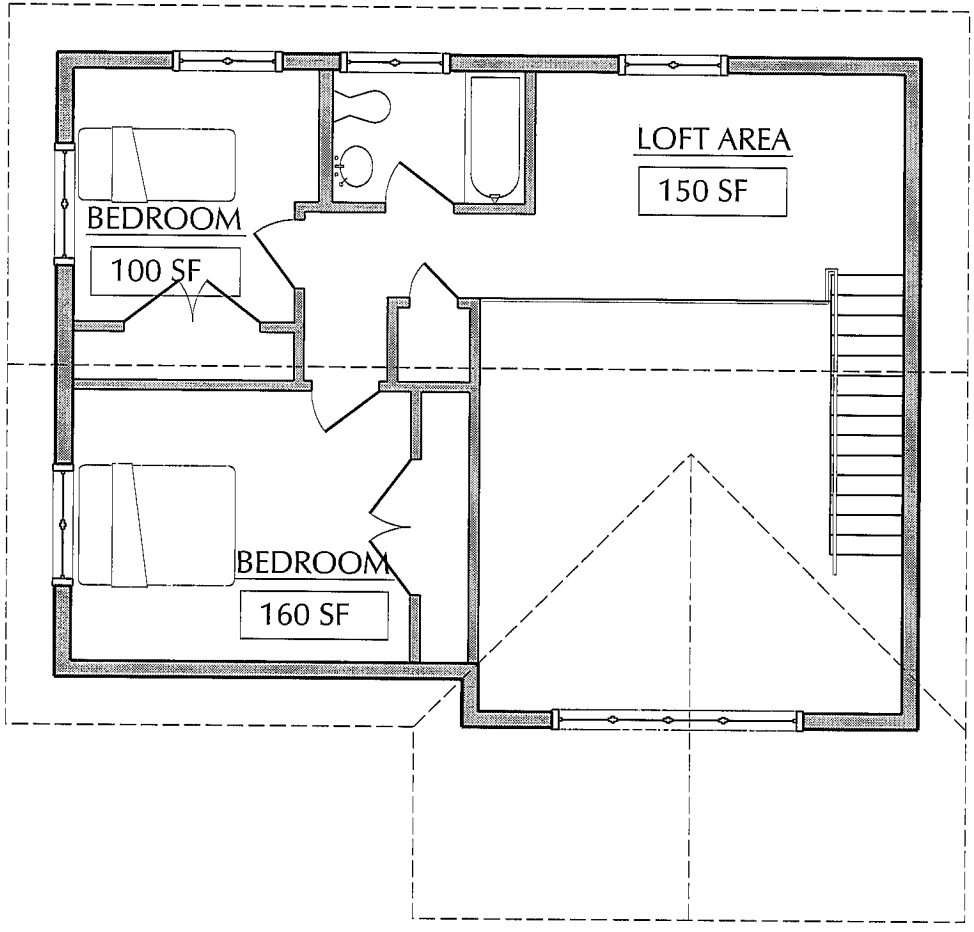
Staff Cabin

2,325 GSF

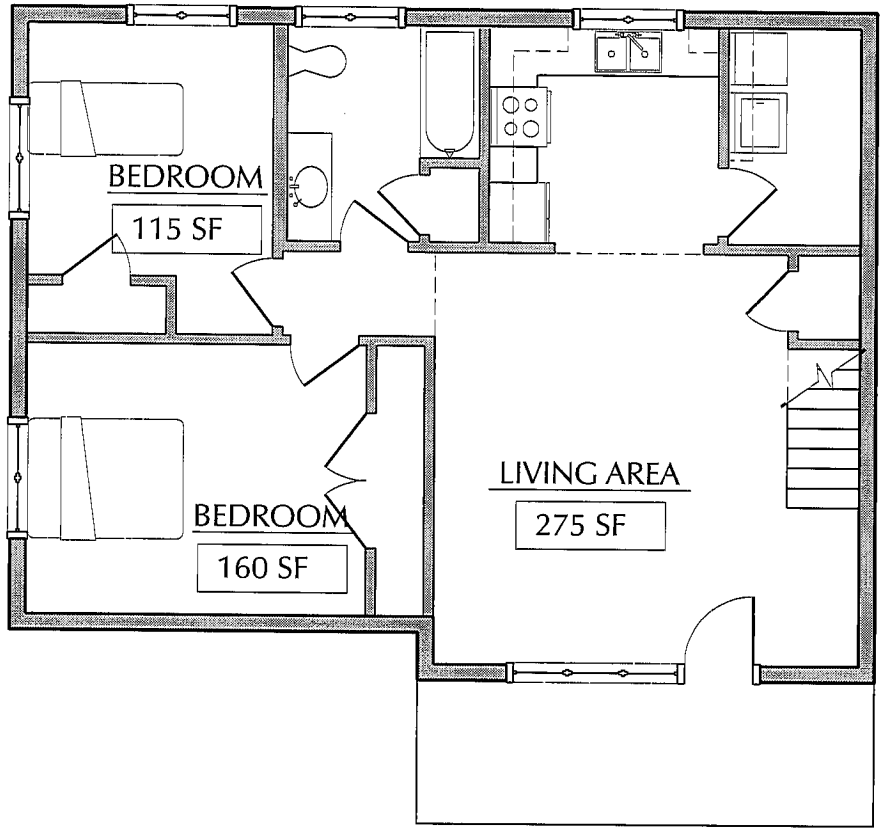
YMCA Camp High Harbour at Bethel Park

Collins Cooper Carusi Architects, Inc.

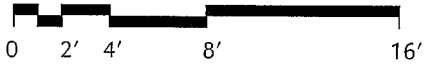
April 1, 2005



Upper Level



Ground Floor Level



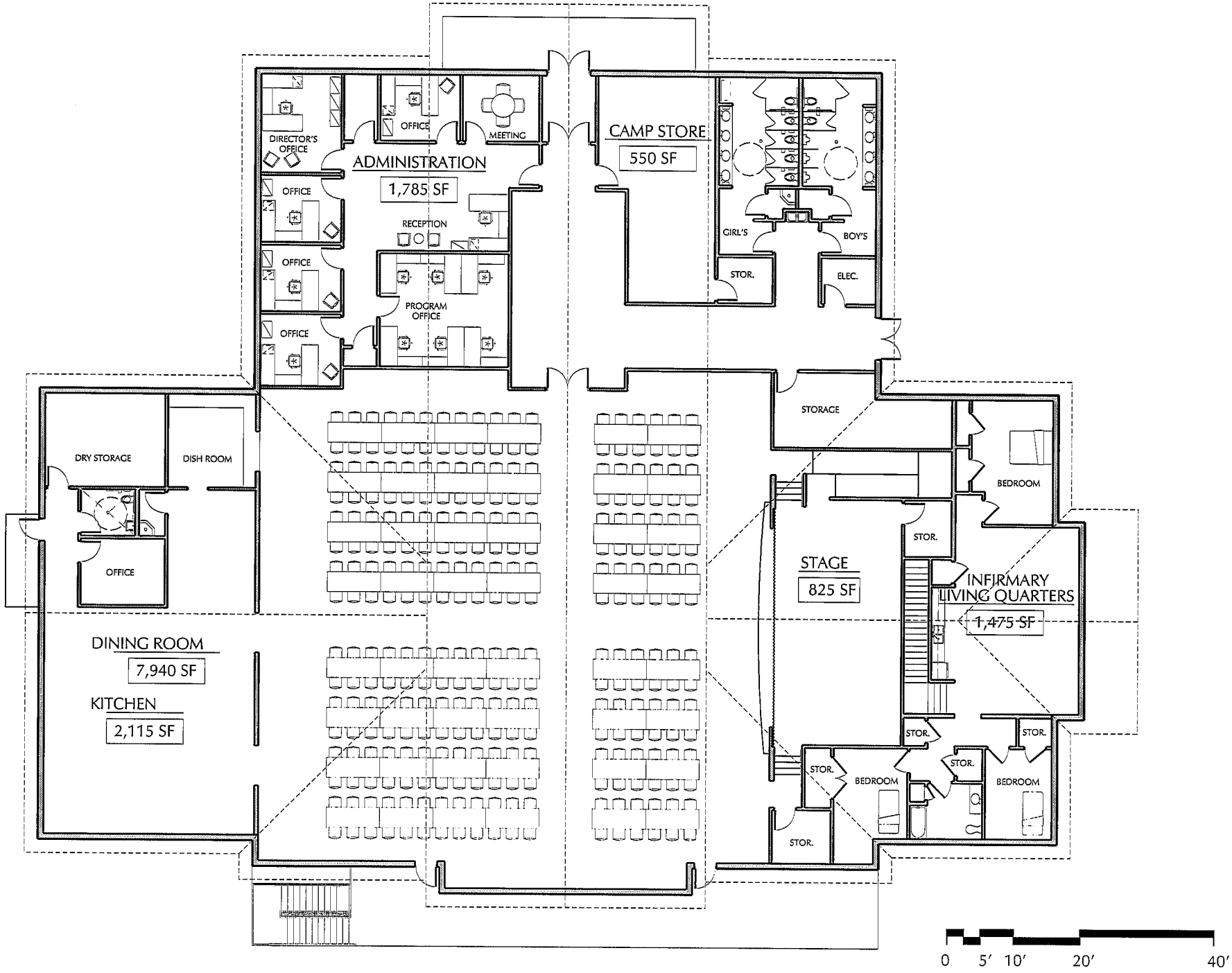
Director's Cabin

1,600 GSF

YMCA Camp High Harbour at Bethel Park

Collins Cooper Carusi Architects, Inc.

April 1, 2005



Dining Hall - Upper Level

15,565 GSF

YMCA Camp High Harbour at Bethel Park

Collins Cooper Carusi Architects, Inc.

April 1, 2005

0 5′ 10′ 20′ 40′

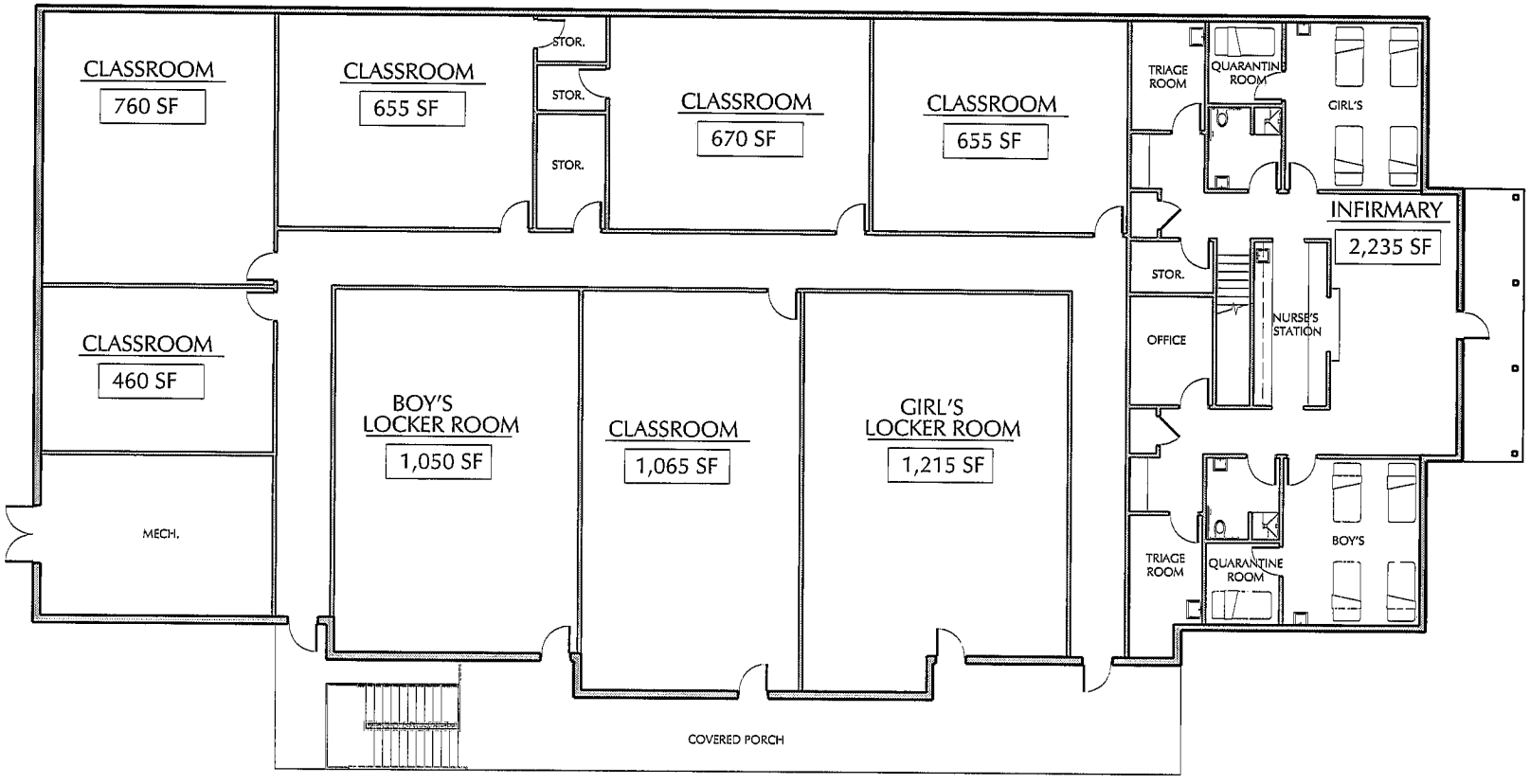
Dining Hall - Lower Level Phase 1

5,330 GSF

YMCA Camp High Harbour at Bethel Park

Collins Cooper Carusi Architects, Inc.

April 1, 2005



0 5′ 10′ 20′ 40′

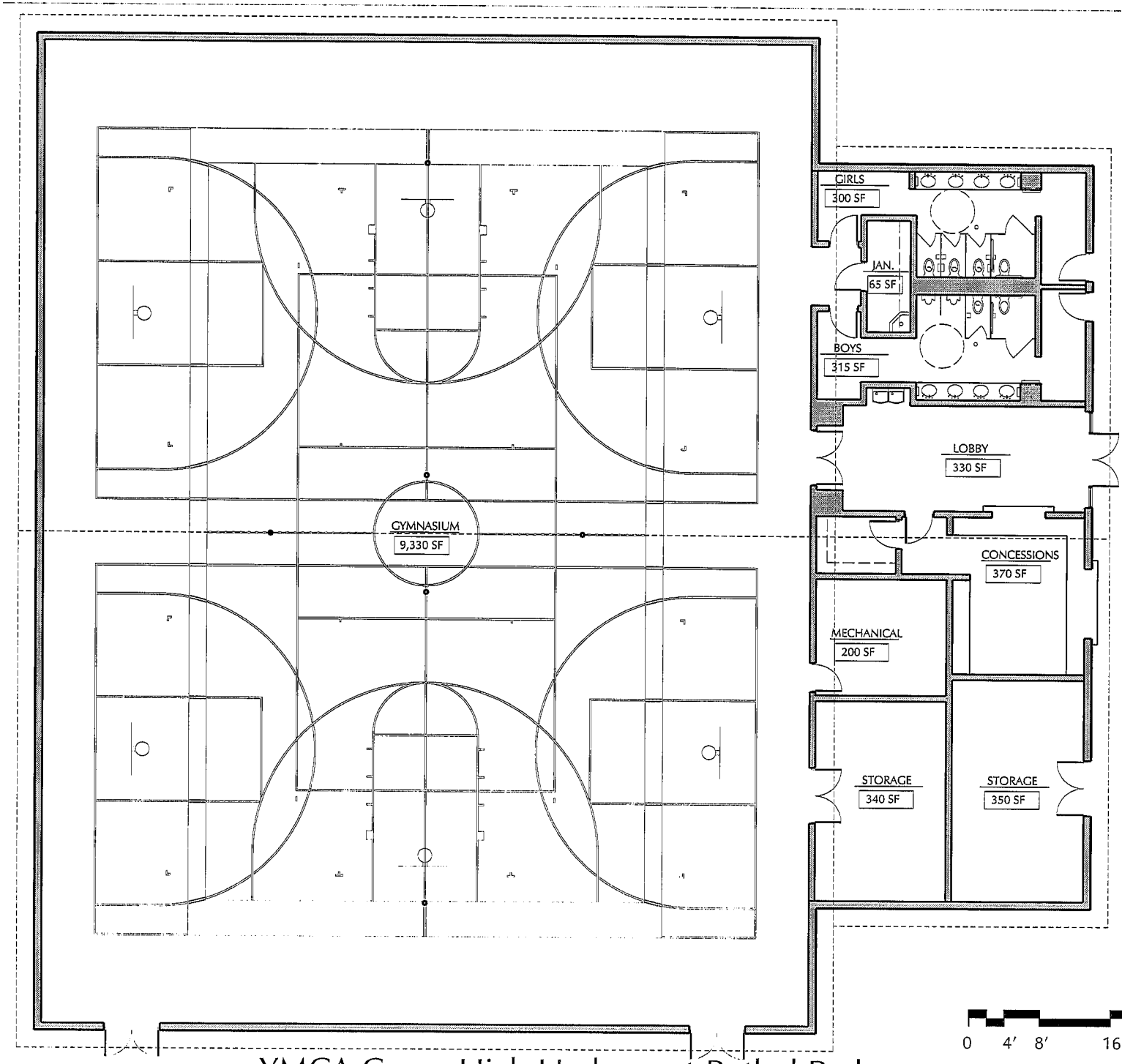
Dining Hall - Lower Level Phase 2

11,036 GSF

YMCA Camp High Harbour at Bethel Park

Collins Cooper Carusi Architects, Inc.

April 1, 2005



0 4′ 8′ 16′ 32′

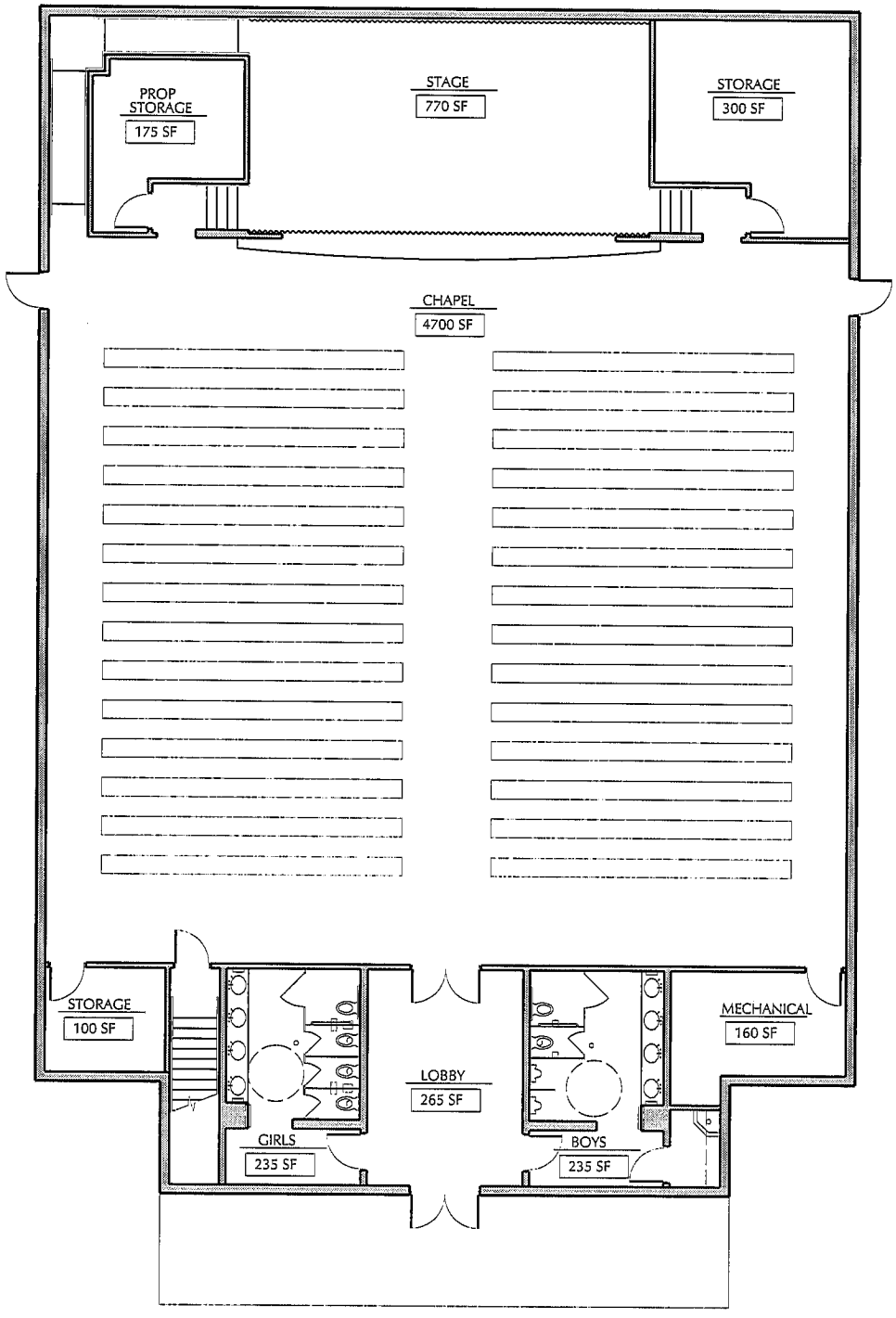
YMCA Camp High Harbour at Bethel Park

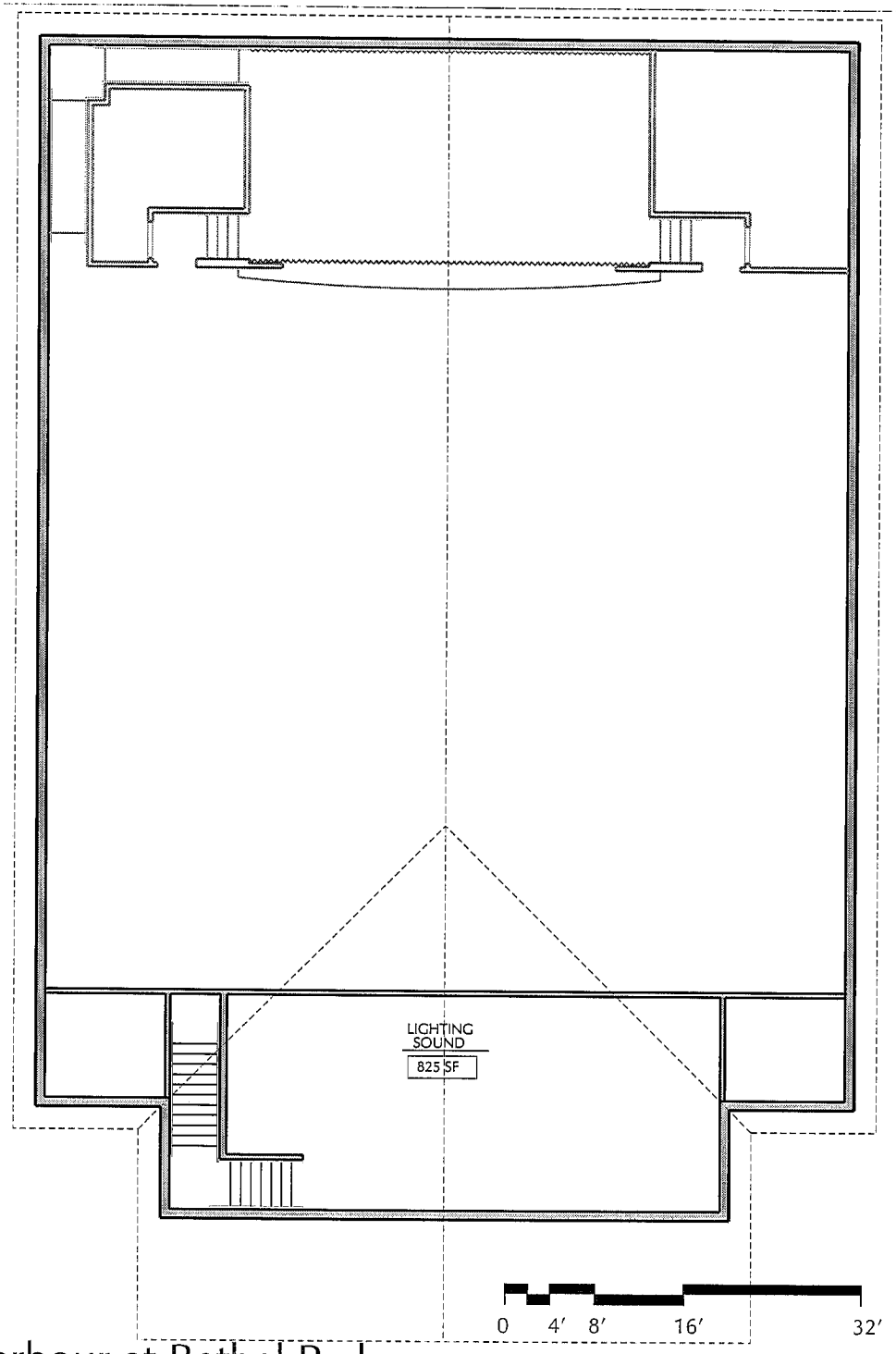
Gymnasium

12,300 GSF

Collins Cooper Carusi Architects, Inc.

April 1, 2005





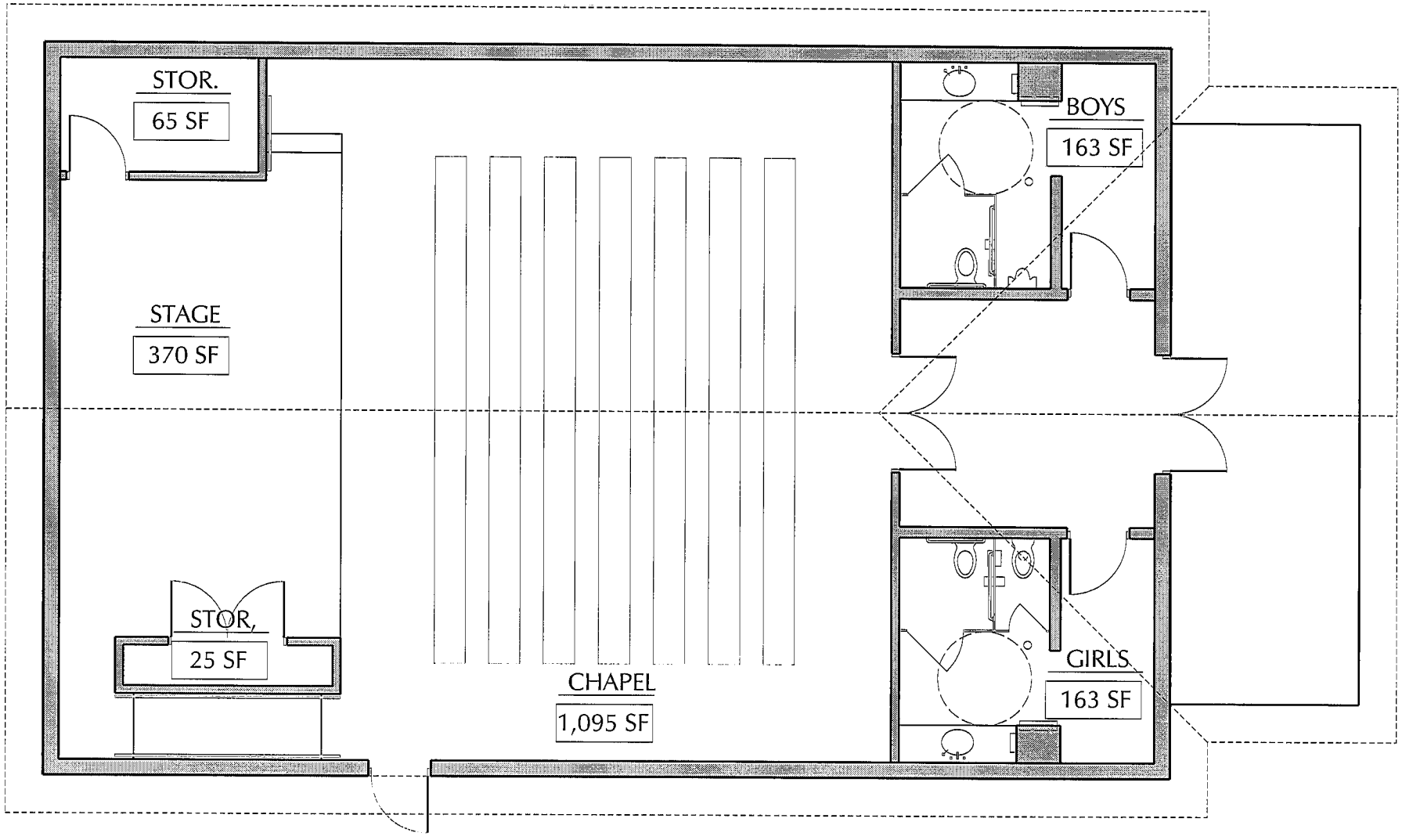
Main Chapel

8,610 GSF

YMCA Camp High Harbour at Bethel Park

Collins Cooper Carusi Architects, Inc.

April 1, 2005



0 2′ 4′ 8′ 16′

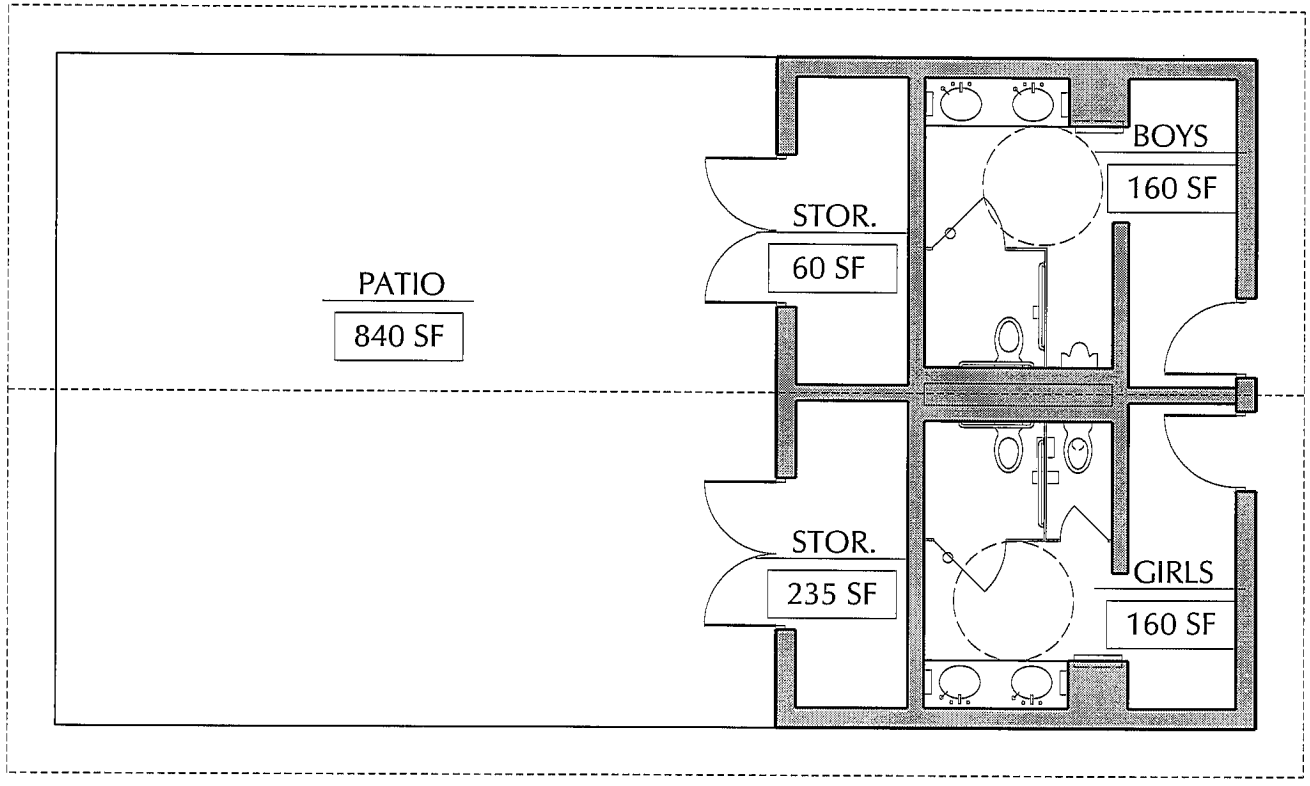
Small Chapel

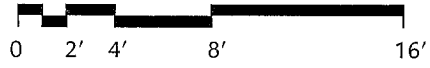
2,340 GSF

YMCA Camp High Harbour at Bethel Park

Collins Cooper Carusi Architects, Inc.

April 1, 2005





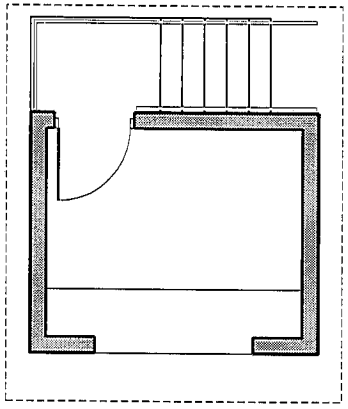
Pavilion

1,400 GSF

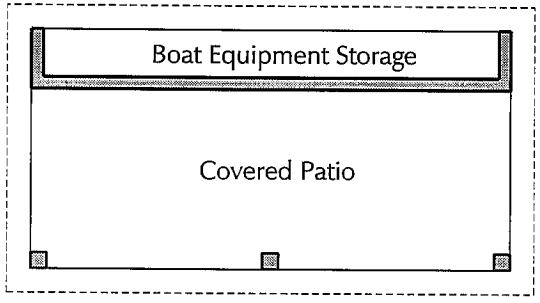
YMCA Camp High Harbour at Bethel Park

Collins Cooper Carusi Architects, Inc.

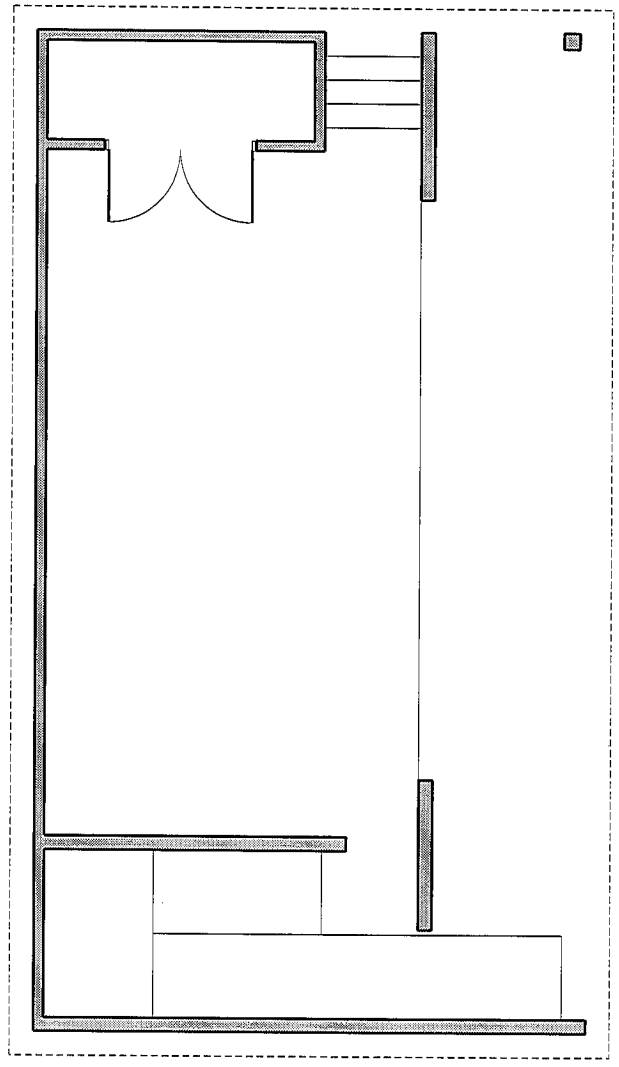
April 1, 2005



A/V Booth
120 GSF



Beach First Aid Station
200 GSF



Amphitheater Stage
690 GSF

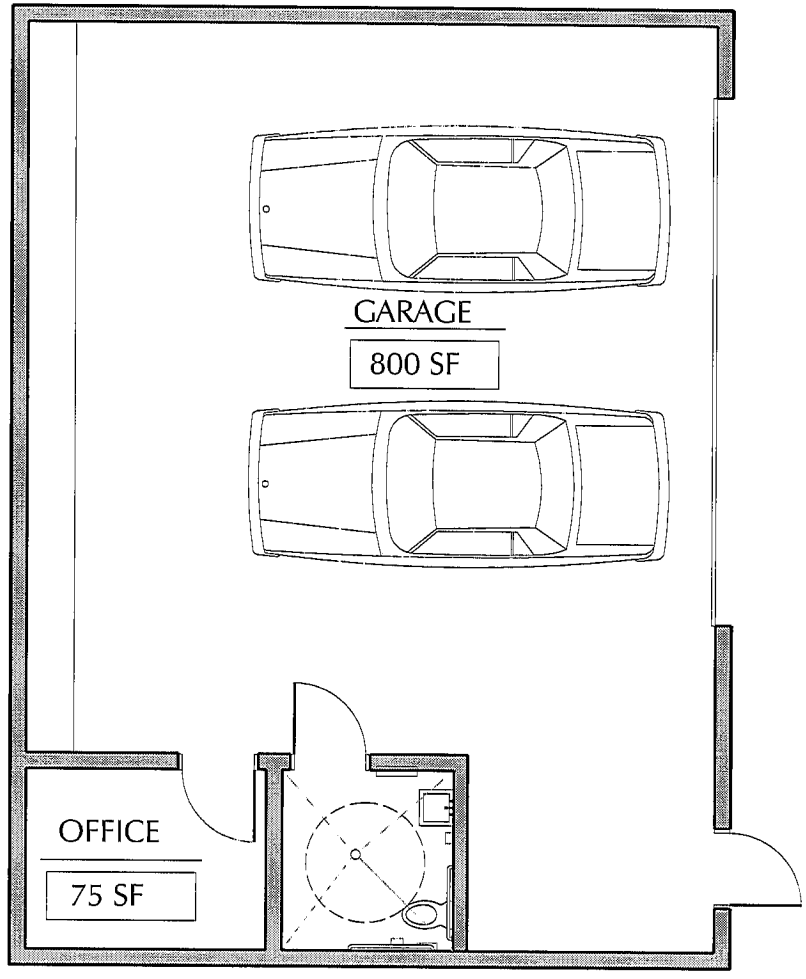
0 2′ 4′ 8′ 16′

Amphitheater Stage, A/V Booth and First Aid

YMCA Camp High Harbour at Bethel Park

Collins Cooper Carusi Architects, Inc.

April 1, 2005



0 2′ 4′ 8′ 16′

Maintenance Building

1,200 GSF

YMCA Camp High Harbour at Bethel Park

Collins Cooper Carusi Architects, Inc.

April 1, 2005

Site Narrative

YMCA – Camp High Harbour at Bethel Park
Lake Sidney Lanier, Georgia

April 1, 2005
Site Narrative Revised

The following narrative describes some of the site development project elements that are illustrated on the site plan. This narrative is furnished to further describe and define the elements to be constructed.

Overall Site:

Pavement: Two types of paving are envisioned for the camp; Light Duty asphalt paving and Gravel. Light Duty asphalt paving shall be 6" GAB with 2" Surface Course (Type E). Gravel surface shall be 6" GAB and 2" of crushed aggregate. See details for the paving types.

Water Quality: The COE Master Plan Regulations indicate retention is needed. There might be some negotiation regarding this requirement if a first flush system is utilized. We suggest utilizing a first flush system for water quality and using the lake for retention. The parking lot is designed with 10' islands that will serve as bio retention facilities. The islands will contain, a 6" HDPE pipe wrapped in gravel and covered with filter fabric. The backfill will be mixed with gravel and topsoil to a depth of 4' and planted (see detail). There might be a need for another first flush system associated with the pool and dining hall area. We would also like to see some type of rainwater harvesting system for collecting roof water from the structures. This harvested rainwater could be reused for irrigation and other purposes.

Stormwater: Developed by Rindt-McDuff and Associates:

Stormwater Quantity: *One of the primary goals for the creation of Lake Lanier was to control and limit flooding. The lake indeed does easily accomplish that goal through the use of managed pool elevations. Therefore, the lake itself essentially serves as a very large stormwater management facility. Due to this fact, it is our opinion that utilizing additional stormwater detention measures to attenuate the amount of storm water runoff into the lake would make no sense because that is one of the primary purposes of the lake. In addition, it is more advantageous for the stormwater runoff generated near the lake to enter the drainage basin right away so that it can be discharged ahead of the storm event's peak runoff curve flow that enters the lake later due to the size and length of the various flow paths in the overall drainage basin. Basically, the primary goal of flood control is best served by detaining water that is far from the ultimate basin discharge point rather than close to the discharge point. Runoff that enters the basin close to the discharge point can be released right away so that it is "ahead of the curve" for the flows that enter the basin later from farther away. For this reason, as well as the fact that lakeside land's highest and best use is just about never going to be for expansion of existing flood prevention properties for which the existing lake already provides for so well, storm water detention is not needed or proposed.*

Stormwater Quality: *Besides the new quantity of water that stormwater runoff generates, the runoff also disturbs sediment and pollutants present on the land's surface. This is often referred to as the stormwater runoff quality impact. This impact is significantly increased when rainfall occurs on unstabilized soil surfaces and impervious hard surfaces. If the resulting stormwater runoff speed is not slowed, it will easily carry newly suspended solids and pollutants with it into the discharge basin (lake). These effects can be minimized by slowing down the runoff flow so the suspended solids can settle out as well as filtering the runoff so the pollutants cling to the filter*

media instead of being transported further downstream where they have a negative impact on aquatic environments. This project will slow down and filter the stormwater runoff using a number of proven conservation methods. Among them will be the use of a significant amount of pervious driving/parking surfaces in order to help filter the runoff and allow reabsorption of it back into the earth, infiltration trenches to collect and filter stormwater pollutants generated from large paved parking surfaces and grassed swales to slow and filter the runoff from other improved areas. All earthen surfaces will be stabilized by use of grass or mulch to prevent soil suspension in the resulting runoff. Channeled runoff paths (swales/ditches) will be lengthened and flattened as much as practical to increase their filtering and settling properties. Discharged flow from collection systems will be spread as much as practical at the discharge point in order to allow sheet flow and thus additional infiltration. These measures, when properly designed and constructed, should be more than adequate to handle a high degree of the resulting stormwater quality site impacts from the proposed project.

Water and Sewer: Developed by Rindt-McDuff and Associates

Water: *County water is available on Bethel Road, which according to the Forsyth County Water System Master Plan is an 8-inch water main. A booster pump might be needed if adequate pressure is not available (this narrative assumes the existing 8-inch water main can supply adequate pressure and a booster pump will not be required). A fire line with hydrants spaced 500' apart will be required to provide and fire service. It is anticipated a 6" line will be adequate for water service.*

Sewer: *It appears the most prudent method to provide for sewage treatment is individual on-site sewage disposal facilities located on islands #2 & #3. The actual size of the facilities and disposal method will depend upon the ability of the soil to absorb and treat the wastewater flows. This narrative assumes the soils will be conducive to the installation of a subsurface infiltrator system. If poor soils are encountered, additional disposal area or a treatment method to remove excess nitrogen may be required.*

On-site sewage treatment via independent facilities is proposed. This approach allows for the construction of the sewage treatment and disposal facility on Island #3 to provide treatment for the proposed facilities on Islands #1 & #3 and a separate sewage treatment and disposal facility to provide treatment for the proposed facilities on Islands #2 will be constructed, as follows:

- *Island #1 – the sewage generated on Island #1 will be collected and transported through gravity sewers to raw sewage pump station #1. The sewage will then be pumped through a pressurized force main to the treatment facility located on Island #3;*

- *Island #2 - the sewage generated on Island #2 will gravity flow to the sewage treatment facility to be constructed on Island #2. Subsurface disposal units (infiltrators) will be installed to dispose of the treated effluent within wastewater disposal area #2 to be constructed on Island #2;*

- *Island #3 – the sewage from the Pavilion on Island #3 and the sewage from Island #1 (pump station #1) will be treated in an onsite sewage treatment facility to be constructed on Island #3. Subsurface disposal units (infiltrators) will be installed to dispose of the treated effluent within wastewater disposal area #1 to be located within the Ropes Course on Island #3. Additional subsurface disposal units (infiltrators) will be installed along both sides of the entrance road on Island #1 above elevation 1086', if required.*

Electricity: Preliminary Utility plan reflects transformer locations based on preliminary square footages of the proposed buildings. Sawnee EMC is the provider for the area and will provide the routing and installation of the site electrical system. All proposed lines are to be underground.

Grading: We will try to minimize grading operations. The play fields will require grading, and based on the current topographic information, it appears that this condition is a cut condition. We anticipate that the cabins and other structures will "fit" the topography and there will be foundation walls on the larger structures that will minimize grading operations. In short, the only heavy grading operations anticipated to occur are at the gravel road areas, field complex on Island I and open space on islands II.

Landscape: Indigenous and/or adapted materials will be used. The material will not be irrigated. Forsyth County does have a Tree Protection and Replacement Ordinance. Un-zoned properties as described in O.C.G.A. 12-6-4 are exempted from the ordinance. We are researching if the ordinance applies to this property. It appears, at this point, that the trees remaining on site will meet the standards of the ordinance

There are three alternatives for establishing grass on the playfield surfaces. The actual method used to establish the grass will depend on time of installation and budget conditions. The three alternatives are as follows:

Sod
Seed
Sprigging

We anticipate using a hybrid Bermuda grass for sodding and sprigging (419 or comparable) and common Bermuda for seeding. The field on Island I will be irrigated. We anticipate that well water, harvested rain water, lake water or a combination of the three will be used to irrigate the fields. We are also planning to use the play fields for the septic drain fields and thus might not be able to irrigate the fields.

Fencing: An 8' high by 800' wooden security fence is located along the western boundary south of the camp entrance. 8' Vinyl clad chain-link fence is proposed to be located north of the entrance gate to the shoreline and south of the entrance gate and attached to the wood privacy fence.

Pedestrian Circulation System: A combination of concrete sidewalks, gravel aggregate, cleared natural trails and boardwalks is proposed for the pedestrian circulation system. This system will provide access to buildings and other elements of the camp.

Site Amenities:

Gated Entrance: See attached detail for Ornamental aluminum cantilever gates. In addition, gate to be operated by electronic keypad to be located in median of turnaround, refer to additional notes on Gate Detail.

Parking: A 156-space parking area on Island I to be gravel surface incorporating infiltration trenches for medians. See detail. Existing parking area located adjacent to existing boat ramp to remain. Surface to be topped, sealed and re-striped to accommodate 48 standard parking spaces.

Fueling Station: A gasoline fuel pump and a 1000-gallon above ground storage tank will be located adjacent to the existing parking lot. The storage tank will located above the 1085' contour. In addition, a Gasoline pump and underground fuel line from the gasoline tank to a floating dock north of the boat ramp for boat fueling will be provided.

Field Complex Island 1: Field to incorporate a baseball / softball field with backstop, see detail. Remaining field area shown on plan to be Bermuda grass and irrigated, if possible.

***Open Space – Island II*:** Provide an open area approximately 15,000 s.f. in size with irrigation, if possible.

Multi-purpose Courts: Court located on Island I to be 100'x80', enclosed with a an 10' Ht. vinyl clad chain link fence and gate with a metal roof to cover entire court, and concrete surfacing. Refer to detail.

Amphitheaters: All amphitheaters to be poured in place concrete, and incorporate a fire ring with propane gas starters. Large amphitheaters located on Island I to incorporate a covered stage area and audio/visual booth. Small amphitheaters, on Island II and Island III to be concrete and incorporate a fire ring. Refer to details.

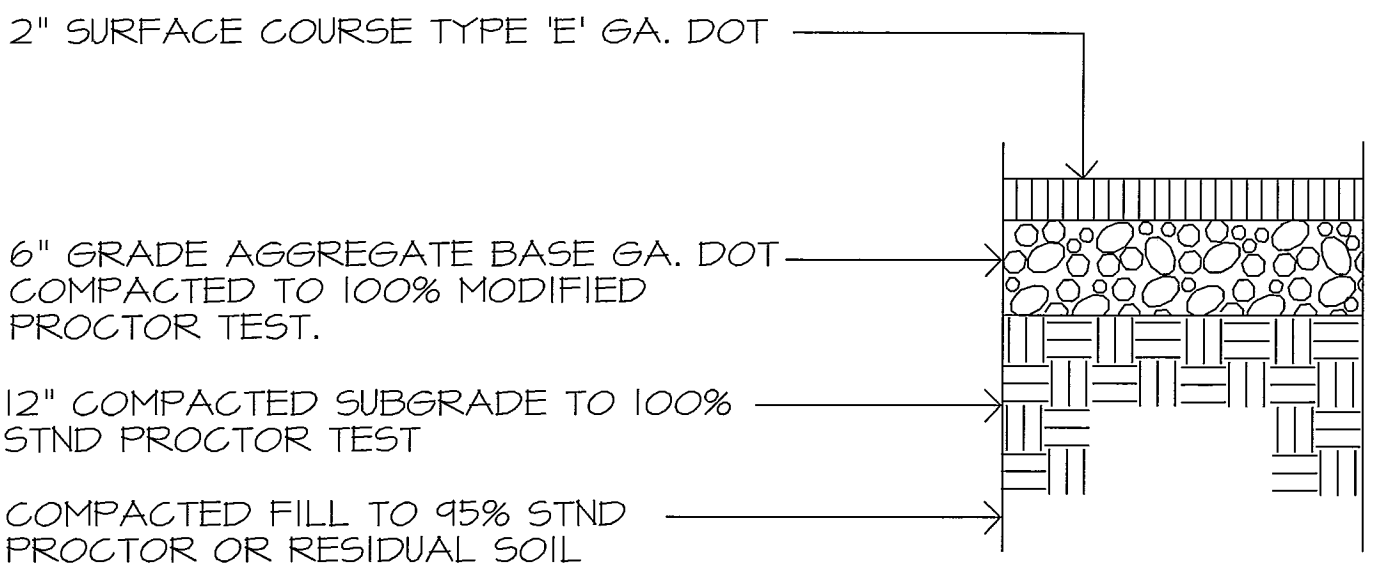
Beach Area: Located in two areas between Island II and Island III. Each shoreline area to be supplemented with sand and will be approximately 100'x25'x12" depth and at a minimum slope of 2-5%. Each area will have a first-aid station, floating buoys and lines for swim area barrier, a floating dock with platform (see detail), and 2 lifeguard stations.

***Water Craft Area*:** Floating dock system and slips to accommodate ski boats, sailboats, and pontoon boats and 2 floating docks with platforms to accommodate canoe and kayak access. Refer to details and information sheets.

Ropes Course: Course to be installed using stand alone poles, not attached to existing trees. The course will accommodate several levels of skill and include a climbing tower and will be located on Island III

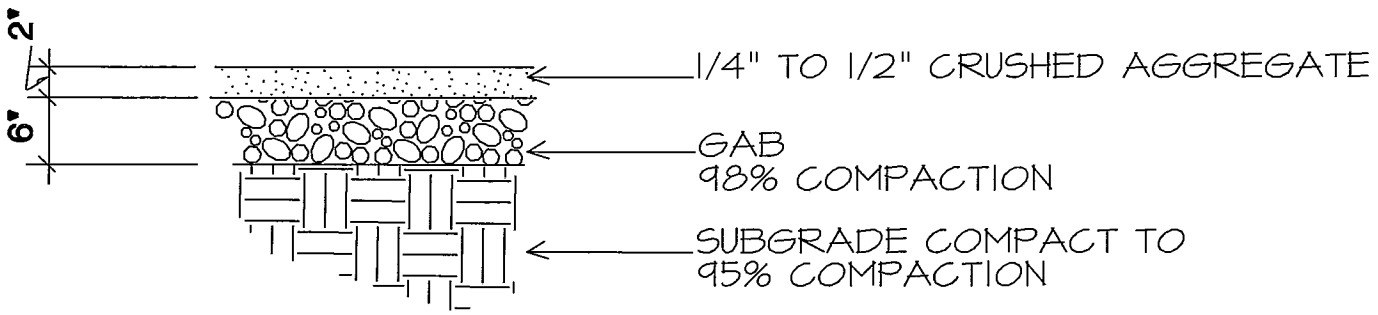
***Gateway and Signage*:** Stone entrance sign / monument, stone monument at each island and way-finding signage.

Site Amenity Details



ASPHALT PAVING - LIGHT DUTY

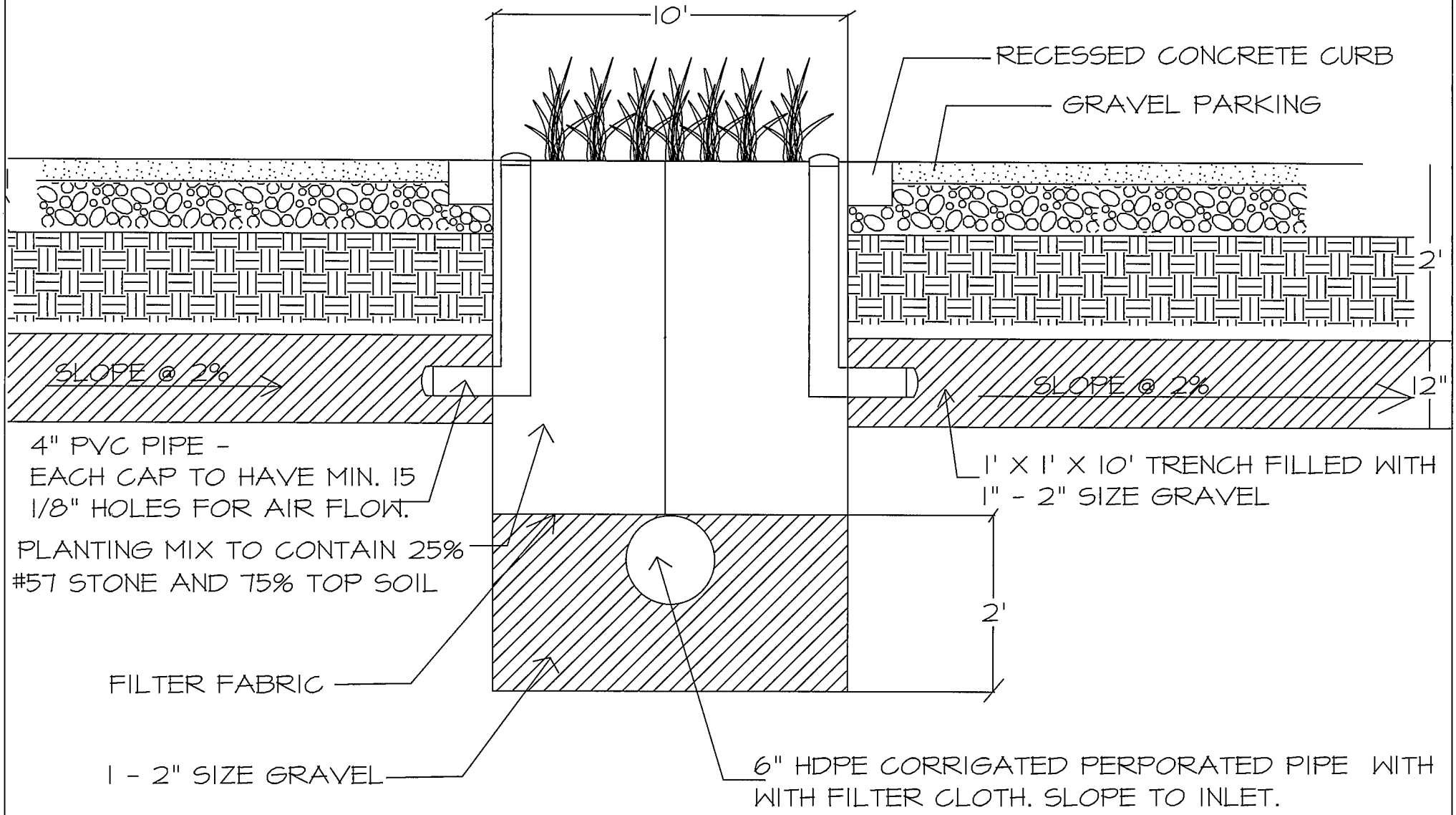
N.T.S.



GRAVEL PARKING & ROADWAY

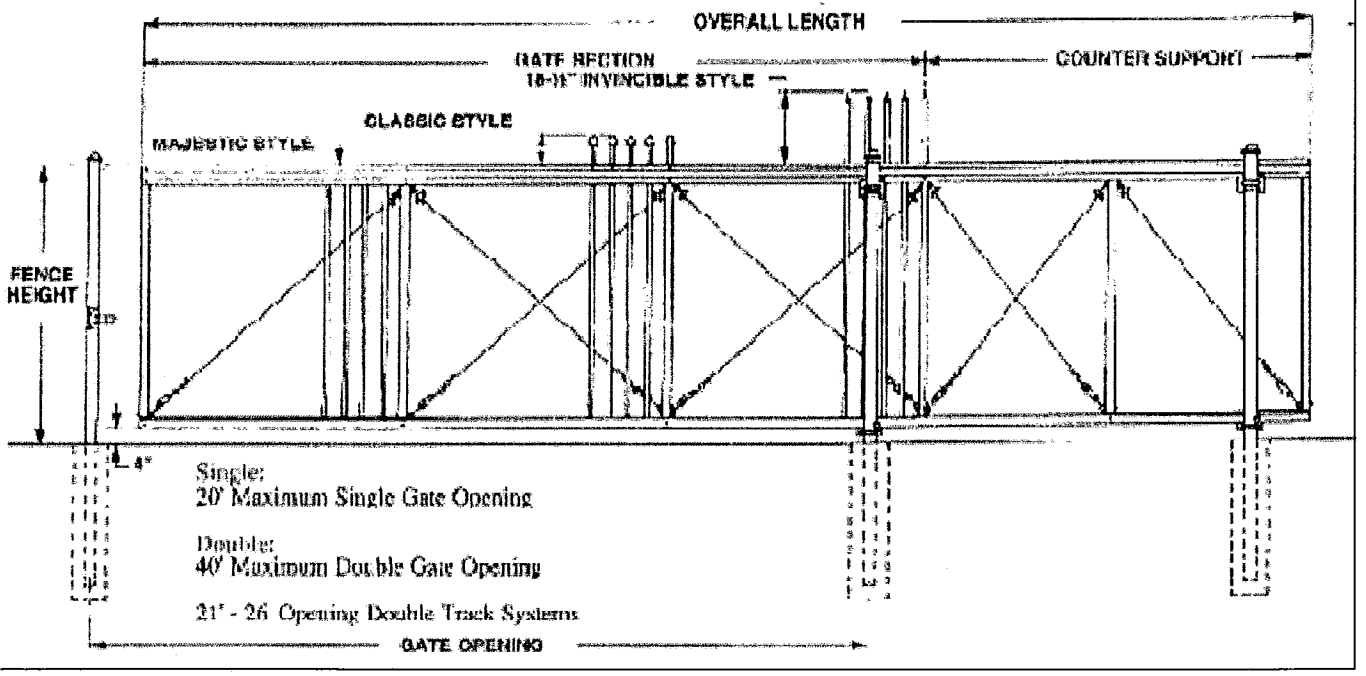
N.T.S.

ALTAMIRA DESIGN & COMMON SENSE, INC. LANDSCAPE ARCHITECTS	DRAWN: MW	DATE: April 1, 2005	PROJECT: YMCA CAMP HIGH HARBOUR AT BETHEL PARK	
	CHECKED: JW			SCALE: 1" = 20'
	COPYRIGHT © 2004. ALL RIGHTS RESERVED. THIS DOCUMENT IS THE PROPERTY OF ALTAMIRA DESIGN AND COMMON SENSE INC. IT IS TO BE USED ONLY TO BE USED FOR THE SPECIFIC PROJECT IDENTIFIED OR REFERRED TO HEREIN AND IS NOT TO BE USED ON OTHER PROJECTS OR EXTENSIONS OF THIS PROJECT, IN WHOLE OR PART, EXCEPT BY EXPRESS WRITTEN AGREEMENT AND COMPENSATION ALTAMIRA DESIGN AND COMMON SENSE, INC.		DRAWING TITLE: PAVING - PHASE 2	



ALTAMIRA DESIGN & COMMON SENSE, INC. LANDSCAPE ARCHITECTS	DRAWN: MW CHECKED: JW	DATE: April 1, 2005	PROJECT: YMCA CAMP HIGH HARBOUR AT BETHEL PARK	SCALE: 1" = 20'
	COPYRIGHT © 2004. ALL RIGHTS RESERVED. THIS DOCUMENT IS THE PROPERTY OF ALTAMIRA DESIGN AND COMMON SENSE INC. IT IS TO BE USED ONLY TO BE USED FOR THE SPECIFIC PROJECT IDENTIFIED OR REFERRED TO HEREIN AND IS NOT TO BE USED ON OTHER PROJECTS OR EXTENSIONS OF THIS PROJECT, IN WHOLE OR PART, EXCEPT BY EXPRESS WRITTEN AGREEMENT AND COMPENSATION ALTAMIRA DESIGN AND COMMON SENSE, INC.		DRAWING TITLE: INFILTRATION TRENCH AT PARKING ON ISLAND 1 - PHASE 1	

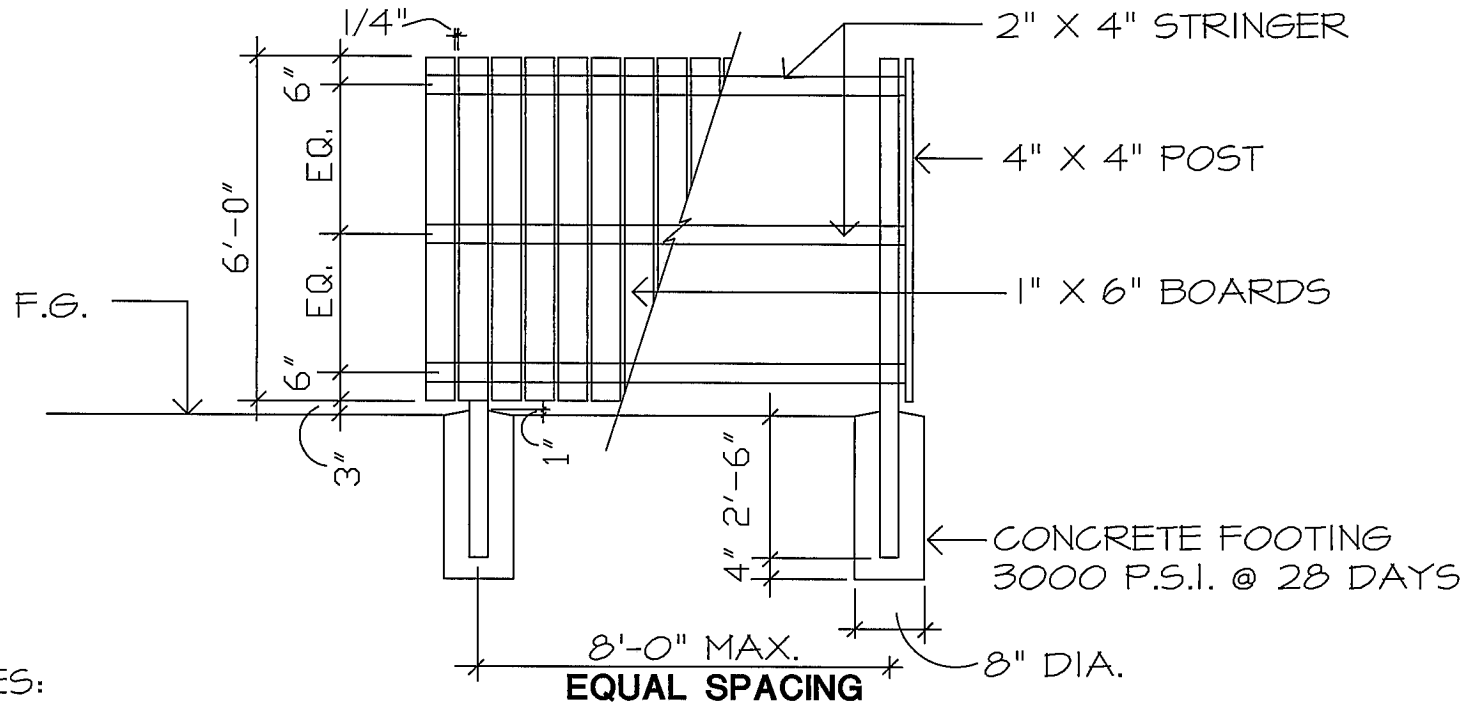
Ornamental Aluminum Cantilever Gates



ALUMINUM CANTILEVER GATE TO BE AMERISTAR 'CLASSIC STYLE', OR EQUAL DOUBLE
OPENING FOR 26'OVERALL LENGTH. GATE HEIGHT TO BE 8'.

AUTOMATIC GATE OPERATING SYSTEM BY ELITE, MODEL SL-3000-UL-1HP, OR EQUAL.
PROVIDE KEYPAD WITH TELEPHONE ENTRY ACCESS.

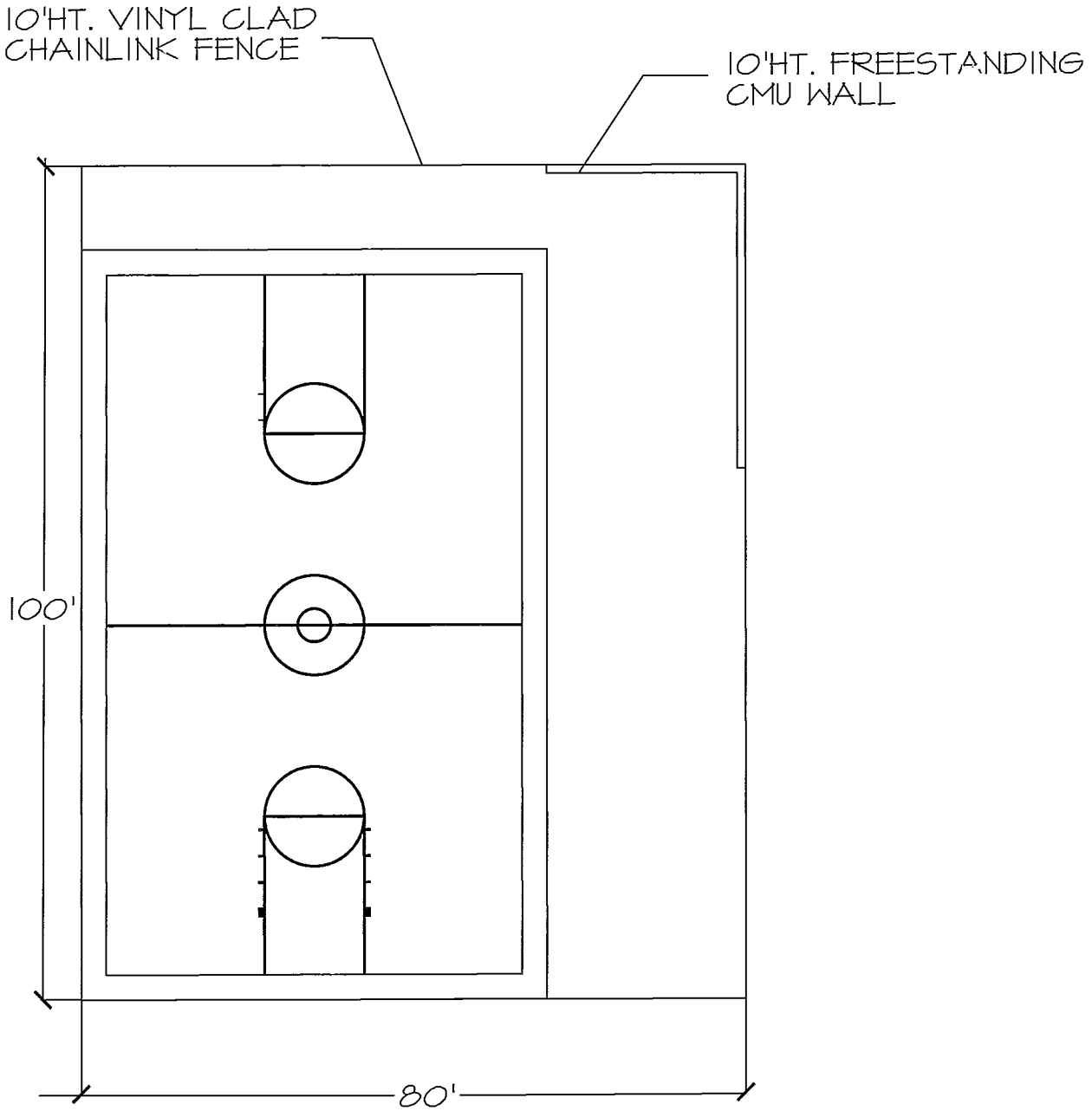
ALTAMIRA DESIGN & COMMON SENSE, INC. LANDSCAPE ARCHITECTS	DRAWN: MW	DATE: April 1, 2005	PROJECT: YMCA CAMP HIGH HARBOUR AT BETHEL PARK	
	CHECKED: JW			SCALE: 1" = 20'
	COPYRIGHT © 2004. ALL RIGHTS RESERVED. THIS DOCUMENT IS THE PROPERTY OF ALTAMIRA DESIGN AND COMMON SENSE INC. IT IS TO BE USED ONLY TO BE USED FOR THE SPECIFIC PROJECT IDENTIFIED OR REFERRED TO HEREIN AND IS NOT TO BE USED ON OTHER PROJECTS OR EXTENSIONS OF THIS PROJECT, IN WHOLE OR PART, EXCEPT BY EXPRESS WRITTEN AGREEMENT AND COMPENSATION ALTAMIRA DESIGN AND COMMON SENSE, INC.		DRAWING TITLE: ENTRANCE GATE	



NOTES:

1. POSTS AND STRINGERS SHALL BE PRESSURE TREATED PINE.
2. BOARDS SHALL BE WESTERN RED CEDAR #2 TIGHT-KNOT.
3. ALL FASTENERS SHALL BE HOT-DIPPED GALV.
4. TOP OF FENCE TO STEP W/ GRADE
5. 1 X 6 BOARDS TO FACE ADJACENT PROPERTY

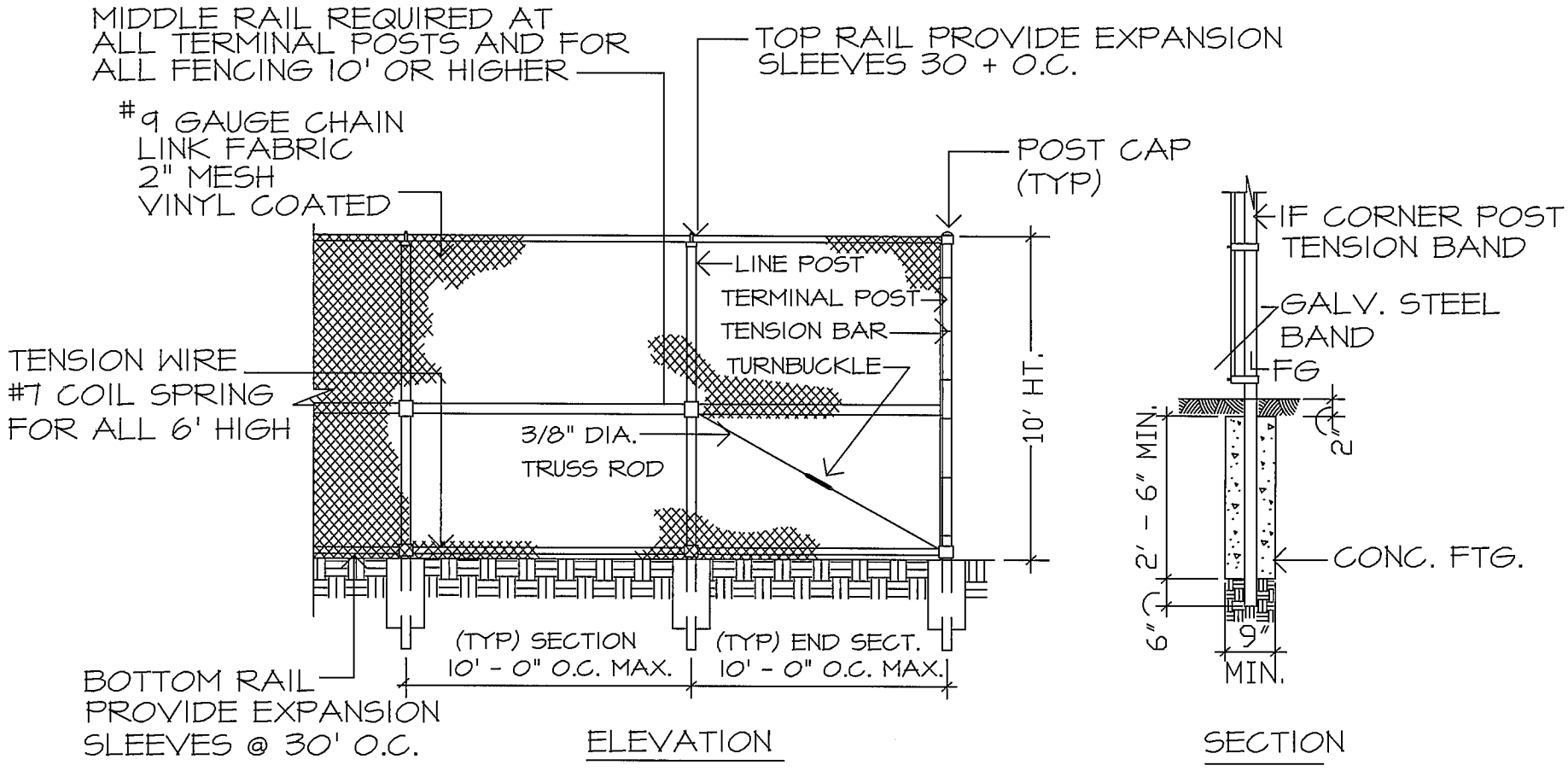
ALTAMIRA DESIGN & COMMON SENSE, INC. LANDSCAPE ARCHITECTS	DRAWN: MW CHECKED: JW	DATE: April 1, 2005	PROJECT: YMCA CAMP HIGH HARBOUR AT BETHEL PARK	SCALE: 1" = 20'
	COPYRIGHT © 2004. ALL RIGHTS RESERVED. THIS DOCUMENT IS THE PROPERTY OF ALTAMIRA DESIGN AND COMMON SENSE INC. IT IS TO BE USED ONLY TO BE USED FOR THE SPECIFIC PROJECT IDENTIFIED OR REFERRED TO HEREIN AND IS NOT TO BE USED ONOTHER PROJECTS OR EXTENSIONS OF THIS PROJECT, IN WHOLE OR PART, EXCEPT BY EXPRESS WRITTEN AGREEMENT AND COMPENSATION ALTAMIRA DESIGN AND COMMON SENSE, INC.		DRAWING TITLE: WOOD PRIVACY FENCE	



COURT SURFACING TO BE CONCRETE
COURT TO BE COVERED

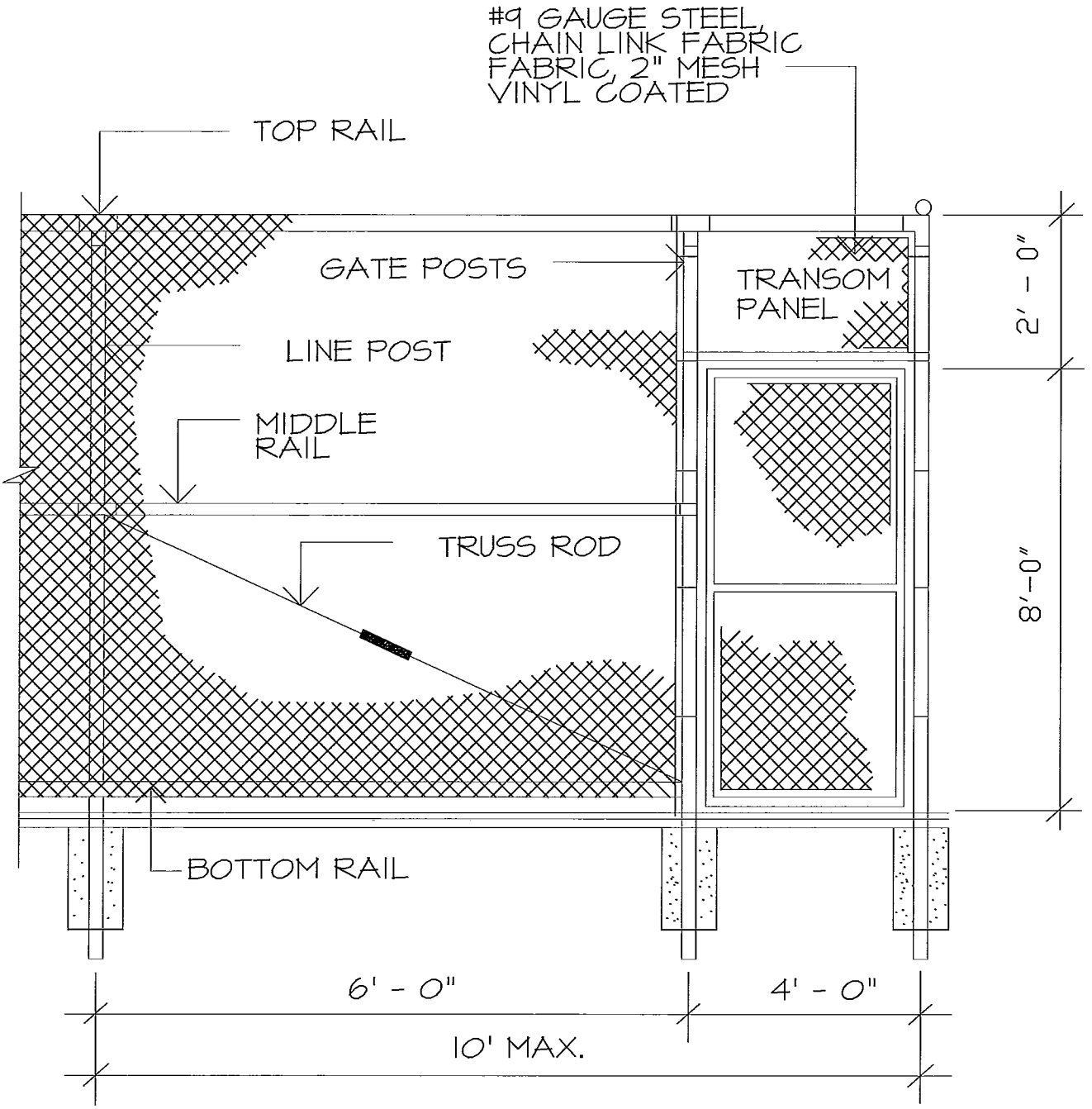
ALTAMIRA DESIGN & COMMON SENSE, INC. LANDSCAPE ARCHITECTS	DRAWN: MW	DATE: April 1, 2005	PROJECT: YMCA CAMP HIGH HARBOUR AT BETHEL PARK
	CHECKED: JW		
	COPYRIGHT © 2004. ALL RIGHTS RESERVED. THIS DOCUMENT IS THE PROPERTY OF ALTAMIRA DESIGN AND COMMON SENSE INC. IT IS TO BE USED ONLY TO BE USED FOR THE SPECIFIC PROJECT IDENTIFIED OR REFERRED TO HEREIN AND IS NOT TO BE USED ONOTHER PROJECTS OR EXTENSIONS OF THIS PROJECT, IN WHOLE OR PART, EXCEPT BY EXPRESS WRITTEN AGREEMENT AND COMPENSATION ALTAMIRA DESIGN AND COMMON SENSE, INC.		DRAWING TITLE: MULTI-PURPOSE COURT - ISLAND 1 PHASE 1

SCALE: 1" = 20'



NOTES: FENCE FABRIC TO BE KNUCKLED AT TOP AND BOTTOM WHERE FENCE IS OVER A PAVED AREA SURFACE. ELEVATION SHALL BE FLUSH W/ PAVING. FENCE FABRIC SHALL BE INSTALLED ON THE INSIDE OF ALL POSTS.

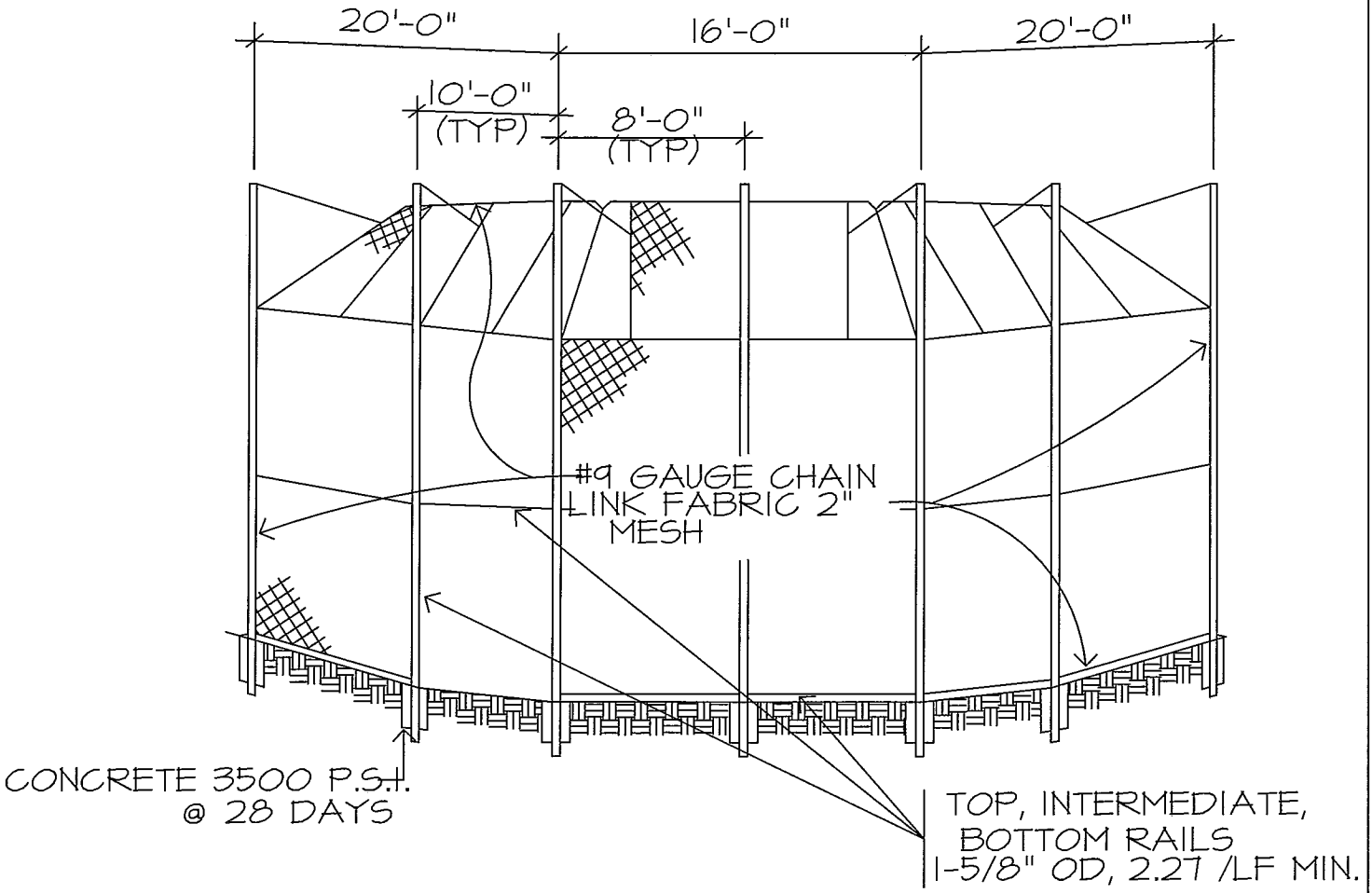
ALTAMIRA DESIGN & COMMON SENSE, INC. LANDSCAPE ARCHITECTS	DRAWN: MW CHECKED: JW	DATE: April 1, 2005	PROJECT: YMCA CAMP HIGH HARBOUR AT BETHEL PARK
	COPYRIGHT © 2004. ALL RIGHTS RESERVED. THIS DOCUMENT IS THE PROPERTY OF ALTAMIRA DESIGN AND COMMON SENSE INC. IT IS TO BE USED ONLY TO BE USED FOR THE SPECIFIC PROJECT IDENTIFIED OR REFERRED TO HEREIN AND IS NOT TO BE USED ON OTHER PROJECTS OR EXTENSIONS OF THIS PROJECT, IN WHOLE OR PART, EXCEPT BY EXPRESS WRITTEN AGREEMENT AND COMPENSATION ALTAMIRA DESIGN AND COMMON SENSE, INC.		DRAWING TITLE: CHAIN-LINK FENCING AT MULTI-PURPOSE COURTS
			SCALE: 1" = 20'

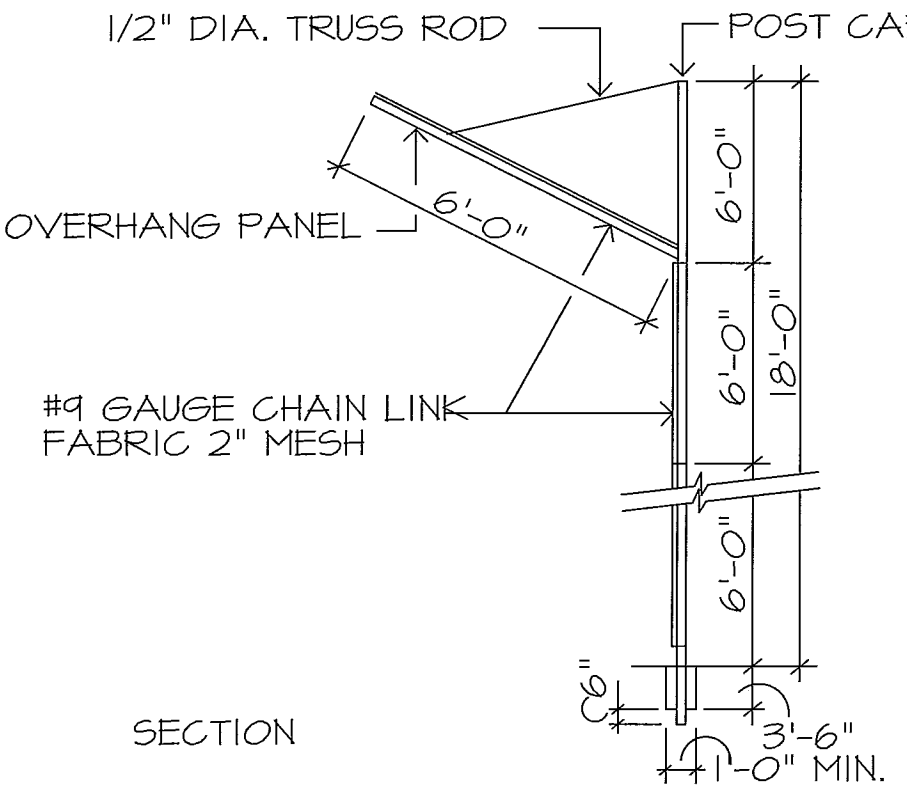


GATE ELEVATION

ALTAMIRA DESIGN & COMMON SENSE, INC. LANDSCAPE ARCHITECTS	DRAWN: MW CHECKED: JW	DATE: April 1, 2005	PROJECT: YMCA CAMP HIGH HARBOUR AT BETHEL PARK
	COPYRIGHT © 2004. ALL RIGHTS RESERVED. THIS DOCUMENT IS THE PROPERTY OF ALTAMIRA DESIGN AND COMMON SENSE INC. IT IS TO BE USED ONLY TO BE USED FOR THE SPECIFIC PROJECT IDENTIFIED OR REFERRED TO HEREIN AND IS NOT TO BE USED ON OTHER PROJECTS OR EXTENSIONS OF THIS PROJECT, IN WHOLE OR PART, EXCEPT BY EXPRESS WRITTEN AGREEMENT AND COMPENSATION ALTAMIRA DESIGN AND COMMON SENSE, INC.		DRAWING TITLE: CHAIN-LINK GATE AT MULTI-PURPOSE COURTS

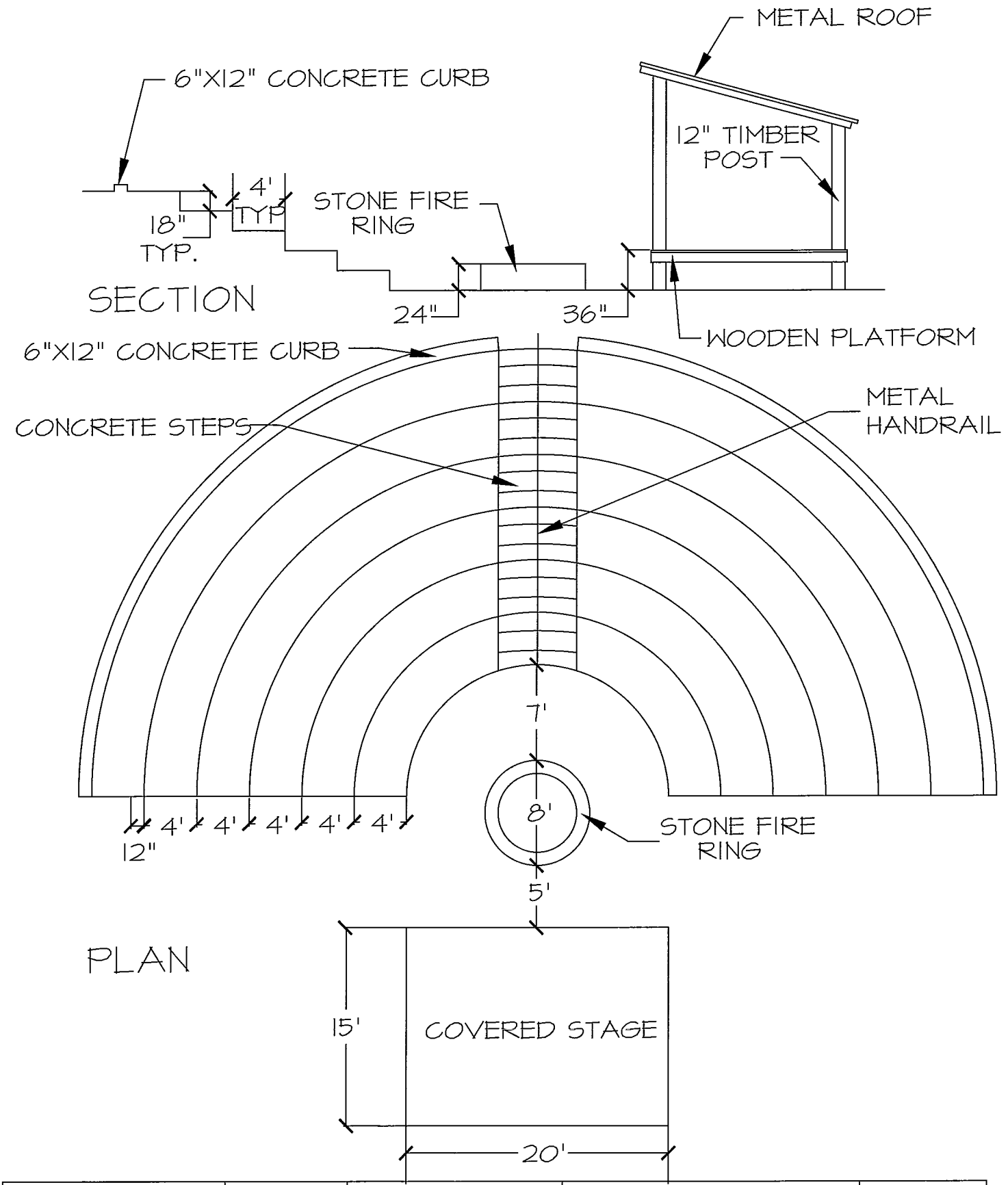
SCALE: 1" = 20'



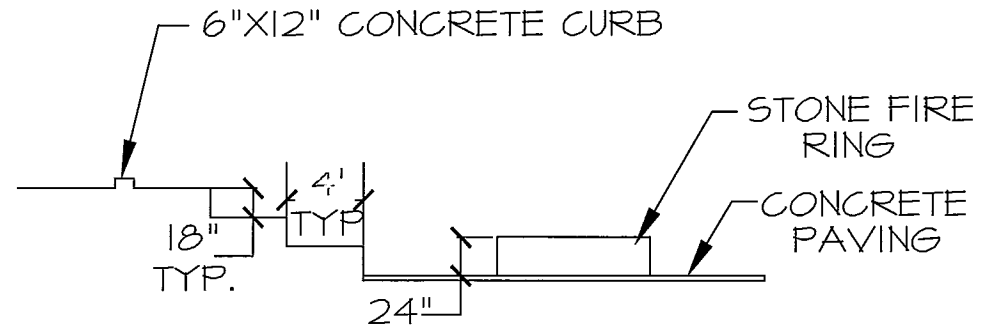


SECTION

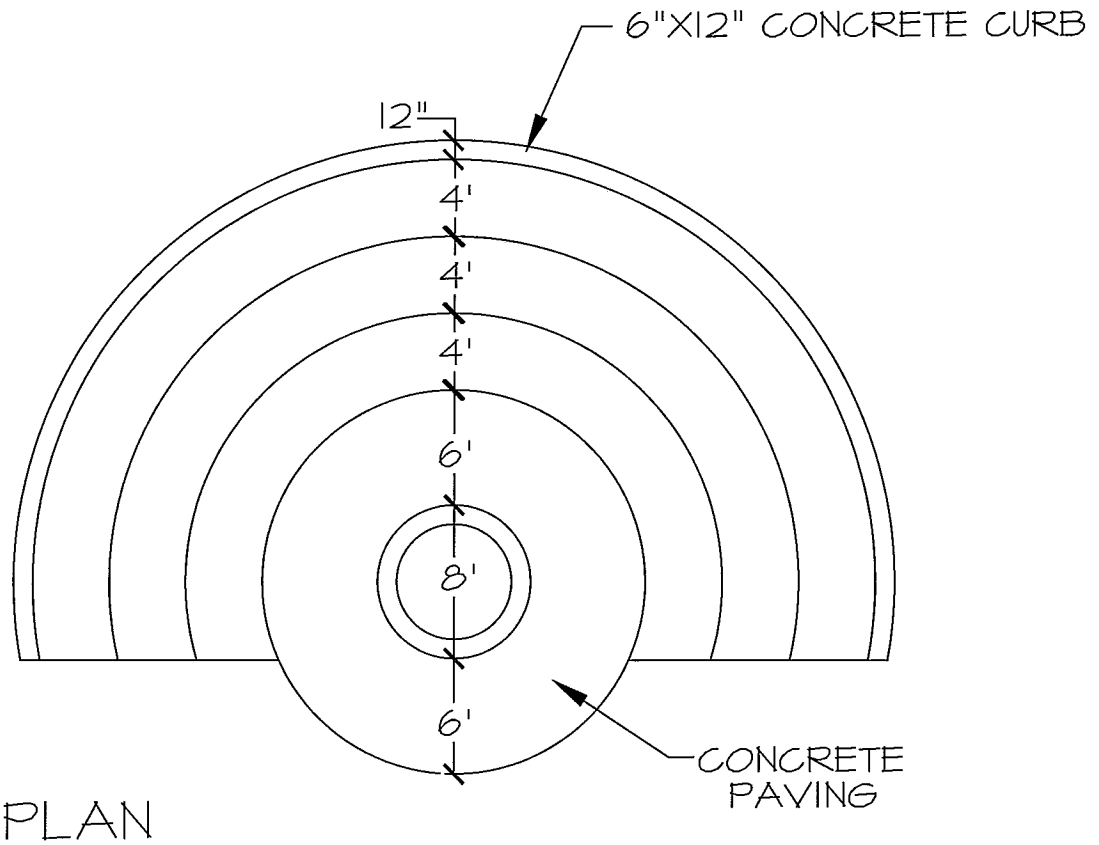
ALTAMIRA DESIGN & COMMON SENSE, INC. LANDSCAPE ARCHITECTS	DRAWN: MW CHECKED: JW	DATE: April 1, 2005	PROJECT: YMCA CAMP HIGH HARBOUR AT BETHEL PARK
	COPYRIGHT © 2004. ALL RIGHTS RESERVED. THIS DOCUMENT IS THE PROPERTY OF ALTAMIRA DESIGN AND COMMON SENSE INC. IT IS TO BE USED ONLY TO BE USED FOR THE SPECIFIC PROJECT IDENTIFIED OR REFERRED TO HEREIN AND IS NOT TO BE USED ONOTHER PROJECTS OR EXTENSIONS OF THIS PROJECT, IN WHOLE OR PART, EXCEPT BY EXPRESS WRITTEN AGREEMENT AND COMPENSATION ALTAMIRA DESIGN AND COMMON SENSE, INC.		DRAWING TITLE: BACK STOP AT FIELD COMPLEX ISLAND 1 - PHASE 1
			SCALE: 1" = 20'



ALTAMIRA DESIGN & COMMON SENSE, INC. LANDSCAPE ARCHITECTS	DRAWN: MW	DATE: April 1, 2005	PROJECT: YMCA CAMP HIGH HARBOUR AT BETHEL PARK	
	CHECKED: JW			SCALE: 1" = 10'
	COPYRIGHT © 2004. ALL RIGHTS RESERVED. THIS DOCUMENT IS THE PROPERTY OF ALTAMIRA DESIGN AND COMMON SENSE INC. IT IS TO BE USED ONLY TO BE USED FOR THE SPECIFIC PROJECT IDENTIFIED OR REFERRED TO HEREIN AND IS NOT TO BE USED ON OTHER PROJECTS OR EXTENSIONS OF THIS PROJECT, IN WHOLE OR PART, EXCEPT BY EXPRESS WRITTEN AGREEMENT AND COMPENSATION ALTAMIRA DESIGN AND COMMON SENSE, INC.		DRAWING TITLE: LARGE AMPHITHEATER - ISLAND 1 PHASE 1	

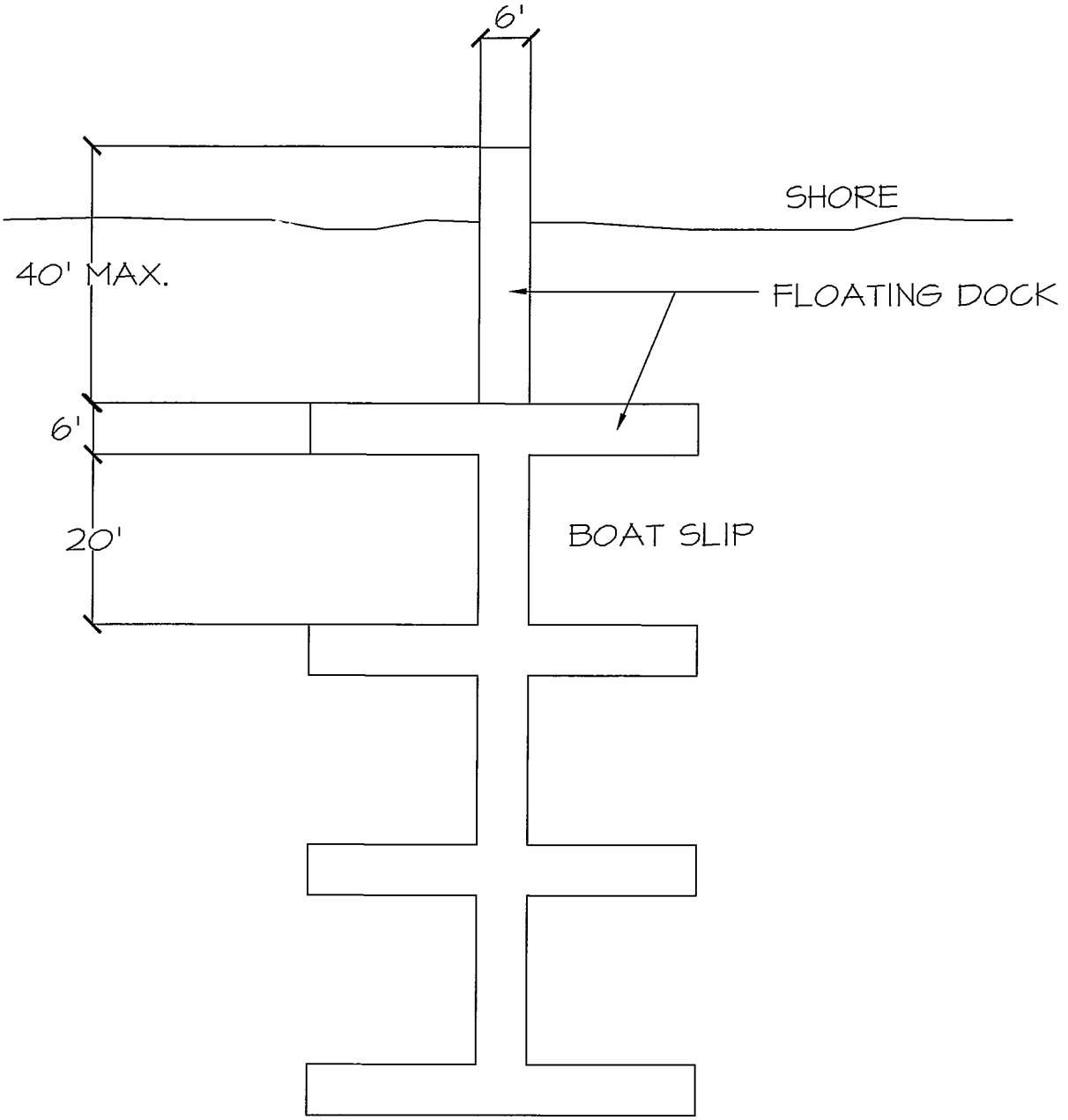


SECTION



PLAN

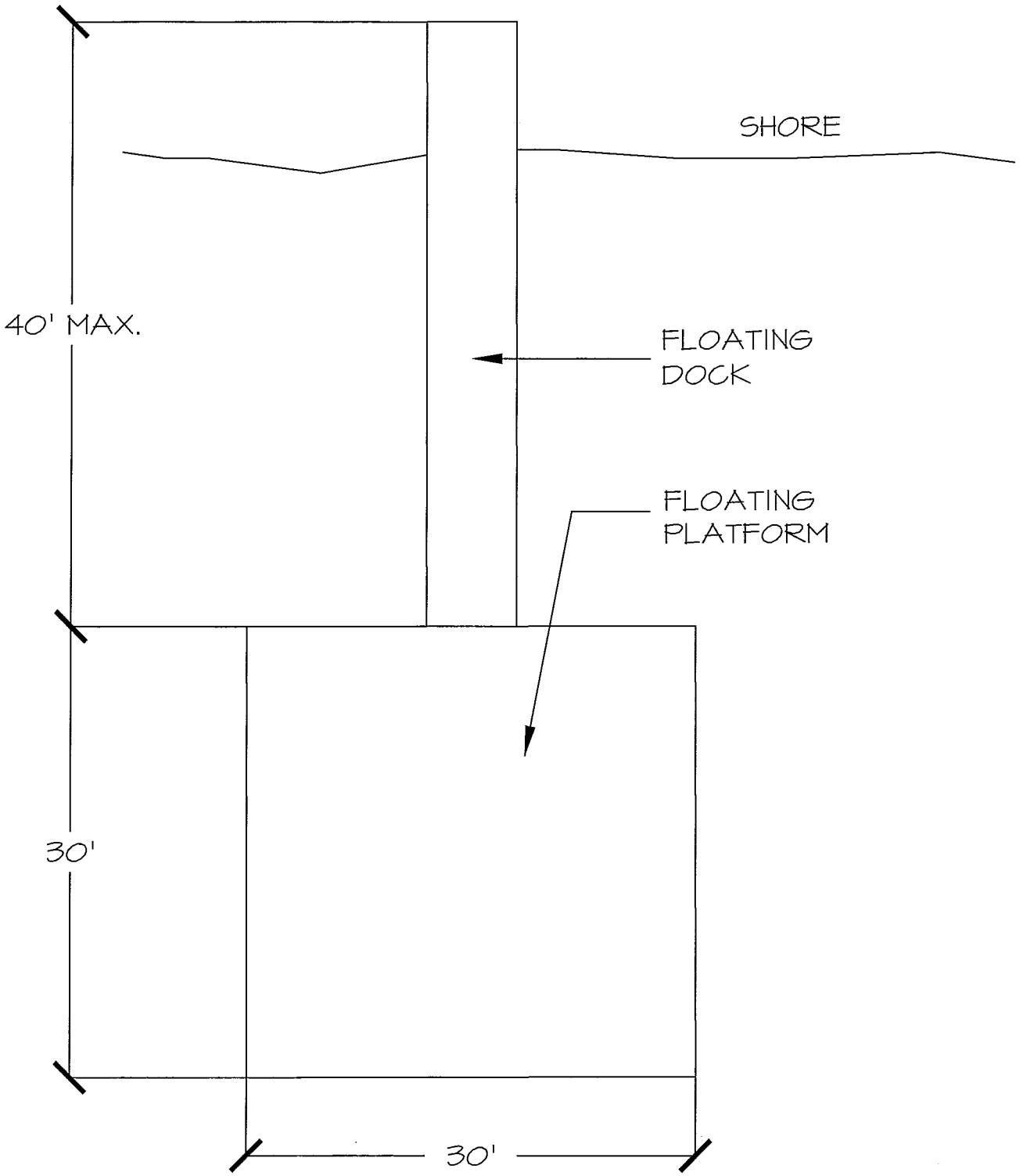
ALTAMIRA DESIGN & COMMON SENSE, INC. LANDSCAPE ARCHITECTS	DRAWN: MW	DATE: April 1, 2005	PROJECT: YMCA CAMP HIGH HARBOUR AT BETHEL PARK	
	CHECKED: JW			SCALE: 1" = 10'
	COPYRIGHT © 2004. ALL RIGHTS RESERVED. THIS DOCUMENT IS THE PROPERTY OF ALTAMIRA DESIGN AND COMMON SENSE INC. IT IS TO BE USED ONLY TO BE USED FOR THE SPECIFIC PROJECT IDENTIFIED OR REFERRED TO HEREIN AND IS NOT TO BE USED ON OTHER PROJECTS OR EXTENSIONS OF THIS PROJECT, IN WHOLE OR PART, EXCEPT BY EXPRESS WRITTEN AGREEMENT AND COMPENSATION ALTAMIRA DESIGN AND COMMON SENSE, INC.		DRAWING TITLE: SMALL AMPHITHEATER PHASE 2	



REFER TO' ALUMADOCK MARINE STRUCTURES' FOR ADDITIONAL INFORMATION, OR EQUAL. CONTACT ROBCO MANUFACTURING, INC 252-438-7399 OR www.alumadock.com

PHASE I TO INCLUDE DOCK AND BOAT SLIPS TO ACCOMODATE 6 BOATS

ALTAMIRA DESIGN & COMMON SENSE, INC. LANDSCAPE ARCHITECTS	DRAWN: MW	DATE: April 1, 2005	PROJECT: YMCA CAMP HIGH HARBOUR AT BETHEL PARK	
	CHECKED: JW			SCALE: 1" = 20'
	COPYRIGHT © 2004. ALL RIGHTS RESERVED. THIS DOCUMENT IS THE PROPERTY OF ALTAMIRA DESIGN AND COMMON SENSE, INC. IT IS TO BE USED ONLY TO BE USED FOR THE SPECIFIC PROJECT IDENTIFIED OR REFERRED TO HEREIN AND IS NOT TO BE USED ON OTHER PROJECTS OR EXTENSIONS OF THIS PROJECT, IN WHOLE OR PART, EXCEPT BY EXPRESS WRITTEN AGREEMENT AND COMPENSATION ALTAMIRA DESIGN AND COMMON SENSE, INC.		DRAWING TITLE: FLOATING DOCK AND BOAT SLIPS	



REFER TO' ALUMADOCK MARINE STRUCTURES' FOR ADDITIONAL INFORMATION, OR EQUAL. CONTACT ROBCO MANUFACTURING, INC 252-438-7399 OR www.alumadock.com

ALTAMIRA DESIGN & COMMON SENSE, INC. LANDSCAPE ARCHITECTS	DRAWN: MW	DATE: April 1, 2005	PROJECT: YMCA CAMP HIGH HARBOUR AT BETHEL PARK	
	CHECKED: JW			SCALE: 1" = 10'
	COPYRIGHT © 2004. ALL RIGHTS RESERVED. THIS DOCUMENT IS THE PROPERTY OF ALTAMIRA DESIGN AND COMMON SENSE, INC. IT IS TO BE USED ONLY TO BE USED FOR THE SPECIFIC PROJECT IDENTIFIED OR REFERRED TO HEREIN AND IS NOT TO BE USED ON OTHER PROJECTS OR EXTENSIONS OF THIS PROJECT, IN WHOLE OR PART, EXCEPT BY EXPRESS WRITTEN AGREEMENT AND COMPENSATION ALTAMIRA DESIGN AND COMMON SENSE, INC.		DRAWING TITLE: FLOATING DOCK AND PLATFORM	

Contacts and Referrals

YMCA Camp High Harbour
Bethel Park

Contacts and Referrals:

Fred Bradley, President and CEO of Metro Atlanta, Inc.	**404-588-9622**
Ed Munster, Executive Vice President, Operations	**404-588-9622**
Ken O'Kelly, Executive Director, High Harbour Camping Services	**770-532-2267**
Dan Pile, Group VP, Forsyth, Fulton and Cherokee Counties	**770-664-1220**
Jeff Anderson, Coalition Chairman: YMCA Camp at Bethel Park	**678-575-4836**
Rafe Banks, Legal Counsel for YMCA of Metro Atlanta, Inc.	**770-887-1209**

ENVIRONMENTAL ASSESSMENT

For The Lease of Government Land for Development of YMCA Camp High Harbour at Bethel Park, Lake Sidney Lanier, Forsyth County, Georgia

1. INTRODUCTION:

   a. Location: The proposed camp would be located on U.S. Army Corps of Engineers (Corps) land at Bethel Park, which is located on the western bank of Lake Sidney Lanier in Gainesville, Georgia (Figure 1, Appendix A).

   b. Proposed Action: The proposed action is the lease of land from the Corps to develop a multifunctional camp operated by the YMCA of Metropolitan Atlanta, Inc., Camp High Harbour Services, that would include the following amenities: 1) paved roadway and parking areas for vehicle access to the camp; 2) cabins, a gymnasium, an airnasium, chapels, a dining hall, and various pavilions and storage buildings; 3) a baseball/softball complex, amphitheaters, and a ropes course; and 4) a fishing/boating and boat storage area.

   c. Purpose and Need for the Proposed Action: The Corps owns the property that would be leased to the YMCA of Metropolitan Atlanta, Inc. for the construction of the camp. The camp will serve the public by offering innovative and creative outdoor experiences to youth, schools, families and community organizations. It will be an addition to the five camps the YMCA Camp High Harbour Services is currently operating in Georgia, Alabama, Alaska and Hawaii.

   d. Authority: (to be completed by USACE)

2. ENVIRONMENTAL SETTING WITHOUT THE PROJECT:

   a. General Environmental Setting:

   (1) Environmental Documentation: There have been no previous existing environmental studies or documentation for Bethel Park exclusively. However, the project area is located on Lake Sidney Lanier, for which an Environmental Impact Statement was written in 2003 and a Final Shoreline Management Plan in 2004. Thus, the lake and the park land surrounding it has previously been extensively surveyed for ecological and socioeconomic resources as discussed in section 2.b. (9) below.

   (2) Location: The proposed park is located approximately 35 miles northeast of Atlanta in Gainesville, Georgia, which is located in Forsyth County. The site is east of SR 400 and just south of SR 369 (Figure 1). It is in the Flowery Branch quadrangle on a U.S. Geological Survey (USGS) 7.5-minute topographic map (Figure 2) at latitude N34° 13' 36" and longitude W83° 59' 25". All figures of the proposed project are located in Appendix A.

(3) Purpose: Bethel Park is currently used for recreational purposes. The boat ramp and pedestrian trails are utilized by the surrounding community. Lake Lanier has a variety of uses, including flood control during periods of heavy rainfall, navigation control for rivers south of the lake, water quality and supply, recreation, and maintenance of fish and wildlife populations.

(4) Size: Bethel Park consists of approximately 61.3 acres, approximately 28.4 of which will be used for construction of the camp. The natural layout of the land separates it into three "islands", each of which will have its own set of indoor and outdoor facilities (Figure 3).

(5) Geographic Area: The site is located within the Piedmont Physiographic Province of Georgia, Gainesville Ridges District. The site is within the Apalachicola-Chattahoochee-Flint (ACF) River Basin, which is comprised of three separate basins that occur in Georgia, Alabama and Florida. They adjoin to flow into the Gulf of Mexico near Apalachicola, Florida.

b. Significant Resource Description

(1) Setting: The park site consists of hilly terrain with elevations ranging from 1070 (flood pool level) to 1150 feet above mean sea level on the steepest island.

All three islands contain mixed pine-hardwoods forest dominated by sweetgum (*Liquidambar styraciflua*), tulip poplar (*Liriodendron tulipifera*), loblolly pine (*Pinus taeda*), white pine (*Pinus strobus*), and several oak species (*Quercus* spp.). A description of the forested area and associated habitats is in Section 2.b. (7). In addition, a boat ramp and parking lot are located just northeast of Island II ("Spirit").

(2) Geology and Soils: Forsyth County falls within the Piedmont Physiographic Province, which is comprised of moderate- to high-grade metamorphic rocks such as schists, amphibolites, gneisses and migmatites. Igneous rocks such as granite are also present in this area. The Gainesville Ridges District is characterized by low, linear, parallel ridges separated by narrow valleys.

Soils on the site are formed from granite, gneiss, and mica schist. There are nine soil types on the site:

- Alluvial land- moderately well drained; 0-2% slopes; consists mainly of an intricate association of Buncombe, Congaree, and Chewacla soils; included are very small areas of poorly drained soils; low fertility and little organic matter.

- Cecil clay loam- severely eroded; very gently sloping; 7-10% slopes.
- Cecil clay loam- severely eroded; 7-14% slopes.
- Cecil clay loam- severely eroded; moderately steep; 14-25% slopes.
- Cecil fine sandy loam- eroded moderately steep phase; 20-30% slopes.
- Cecil fine sandy loam- steep phase; 30+% slopes; high degree of runoff.
- Cecil sandy loam- eroded; very gently sloping phase; 2-7% slopes.
- Cecil sandy loam- sloping phase; 10-15% slopes.
- Gullied land- acidic materials; areas that were once comprised of Cecil, Appling, Madison, Edgemont, Wickham and Louisburg soils; original profiles destroyed by erosion.

(3) Erosion: Soil erosion hazards in the area are moderate to severe according to soil types and the steep topography of the park. The majority of the proposed park is within a forested area with no existing erosion concerns, provided the vegetation immediately adjacent to the lake will not be removed. Areas within the park that are accessed by vehicle are paved, which does have limited effect on soil erosion.

(4) Water Quality: Lake Lanier is considered to have satisfactory water quality with regards to the designated uses of the reservoir. The quality of the water is based on results reported in the Clean Lakes Study and in the EIS written in 2003. There are indications that without nonpoint source controls the anthropogenic nutrient sources may cause an increase in eutrophication. Overall oxygen concentrations were measured and recorded as meeting current water quality standards.

(5) Wetlands and Waters: The U.S. Department of the Interior National Wetlands Inventory map for the Flowery Branch 7.5 minute quadrangle indicates no wetlands on the park property. A site reconnaissance conducted on October 7, 2005 confirmed the absence of wetlands in the project area. Therefore, no wetland impacts would occur as a result of the project, and no further correspondence with the USACE regarding impacts to wetlands would be necessary.

Lake Lanier receives water from two tributaries: the Chattahoochee River and the Chestatee River. Buford Dam, constructed in 1957, is located at the south end of the lake and is used to control the low-water flow. The lake itself was created to control turbidity and sedimentation in the river systems that flow into it.

(6) Fishery Resources: There are approximately five species of sport fish in Lake Lanier, including several bass (*Micropterus* spp.) and a crappie (*Pomoxis* spp.). Also occurring in the lake are sunfish (*Lepomis* spp.), yellow perch (*Perca flavescens*), carp (*Cyprinus carpio*), catfish (*Ictalurus* spp.), shad (*Dorosoma* spp.), and blueback herring (*Alosa aestivalis*).

(7) Wildlife Resources and Habitat Assessment: Habitat within the project area consists primarily of upland pine-hardwoods forest. Dominant overstory trees on all three islands include sweetgum, tulip poplar, loblolly pine, white pine, and several other species with significant wildlife value, such as pignut hickory (*Carya glabra*), and several oak species.

Numerous game and non-game species utilize the area. The significant structural diversity within the forested area (large hardwood overstory trees, scattered openings with shrubs, hardwood midstory, and proximity to lakeshore) provides good habitat for a variety of birds, fish, mammals and other animals thus enhancing the area's suitability for the proposed camp.

(8) Protected Species: A total of 21 state- and federally-listed protected species, of which 8 are federally-listed as threatened or endangered are thought to occur within Forsyth and the surrounding Georgia counties of Cherokee, Dawson, Fulton, Gwinnett, and Hall (Table 1, Appendix B). The list was compiled from the Georgia Department of Natural Resources (DNR) Natural Heritage Program county database, the U.S. Fish and Wildlife Service (USFWS) county database, *Protected Animals of Georgia* (Ozier *et al.*, 1999) and *Protected Plants of Georgia* (Patrick *et al.,* 1995). Additionally, correspondence occurred with both the USFWS and the DNR to identify nearest localities or any additional threatened or endangered species in the area. A copy of correspondence with the two agencies is located in Appendix C. Although there were no federal or state protected species observed within the project area, suitable habitat was observed for one protected species, Indian olive (*Nestronia umbellula*), state-listed as threatened. Indian olive is a common resident of mixed pine/hardwoods forest. Since the survey was conducted in mid-fall, the probability of detecting the threatened plant was reduced.

(9) Historic and Archeological Resources: (to be completed by USACE)

(10) Recreation: Fishing, boating, water sports, swimming and sight seeing provide the primary recreational opportunities along Lake Lanier. Canoeing, kayaking and rafting are also available, as well as horseback riding, seasonal hunting (does not occur within the project area due to proximity of residences) and camping.

(11) Forest: Throughout the project area, the forested areas are relatively uniform, consisting of such hardwoods species as tulip poplar, pignut hickory, shumard red oak (*Quercus shumardii*), white oak (*Quercus alba*), post oak (*Quercus stellata*), and overcup oak (*Quercus lyrata*) interspersed with loblolly and white pine. In addition, Island I ("Body") contains slippery elm (*Ulmus rubra*) and American beech (*Fagus grandifolia*). The midstory of all three islands primarily contains flowering dogwood (*Cornus florida*), red maple (*Acer rubrum*), and a hawthorne (*Crataegus* spp.). The understory contains dog fennel (*Eupatorium capillifolium*), various asters (*Aster* spp.), muscadine grape (*Vitis rotundifolia*), and greenbriar (*Smilax bona-nox*).

(12) Prime and Unique Farmland: According to the Farmland Protection Policy Act, a survey of the project area for prime and unique farmland soils is required. No prime farmland soil types were located within the project area; therefore no coordination with the Natural Resources Conservation Service (NRCS) regarding farmland is required.

(13) Socioeconomic: The following community indicators are based on 2000 data. The population of the City of Gainesville and Forsyth County are 25,578 and 98,407 respectively. Forsyth County had a 123.2% population growth from 1990-2000; the City of Gainesville had a population growth of 44.2% for that time period. In 1999 the per capita income for Forsyth County was $29,114 compared to $21,154 for the State of Georgia. Per capita income for the City of Gainesville in 1999 was $19,128. The 2000 unemployment rate for Forsyth County was 1.8% compared to 4.2% for the State of Georgia.

c. Hazardous and Toxic Materials: A hazardous materials report was compiled by Environmental Data Resources, Inc. (EDR) on October 13, 2005 and no evidence of hazardous and/or toxic material was found on this site. The nearest underground storage tank (UST) is located on RT 13 and the nearest leaking underground storage tank is on SR 306 at 6805 Keith Bridge Rd. Both sites are more than a mile from Bethel Park and therefore, have no effect on the project area. Throughout its history with the USACE, this site has not been used for storage or disposal of such substances. There is no reason to suspect that such materials exist on the site. A full copy of the report is located in Appendix D.

3. REASONABLE ALTERNATIVES

a. "No Action" Alternative: Under the "no action" alternative, the proposed camp facilities would not be constructed. The land would remain as 61.3 acres of mixed pine-hardwoods forest with a boat ramp and parking lot that is accessed by the public. The surrounding communities would not gain the benefit of an outdoor, educational camp for children, families and community organizations. Aside from access of the boat ramp by the general public, Bethel Park remains widely unused as a camping area and would continue to be underused under this alternative. Therefore, it was determined to be unsuitable compared to the preferred alternative.

b. Preferred Alternative: The preferred alternative involves the construction of the proposed camp facilities at Bethel Park, including various indoor and outdoor structures to be utilized for educational and recreational purposes, maintained by the YMCA and enjoyed by the community. All facilities would be constructed in compliance with the Forsyth County Tree Ordinance and Georgia DNR recommendations, which include construction inside a 100-foot buffer from the flood zone to minimize erosion.

   Construction includes various housing and restroom facilities, sports areas and complexes, chapels, storage facilities and pavilions, a boating/fishing/swimming area, and a large dining hall. All indoor facilities would be fully equipped with electrical and sewage systems for general functionality.

c. Selected Alternative
   The preferred alternative was determined to be the most suitable of the alternatives considered. Construction of the camp at Bethel Park would be a constructive use of USACE land and will have a positive impact on the surrounding community by providing outdoor educational opportunities for children and adults in northern Georgia.

4. DESCRIPTION OF THE PROPOSED ACTION: The Corps owns the subject property, which would be leased to the YMCA of Metropolitan Atlanta, Inc. for the proposed park. The park would contain numerous recreational interests that would be accessible to those participating in a YMCA program.

   Based on 16 USC 406(d), the Secretary of the Army is authorized to lease lands if those leases are in the best interest of the general public. The approximately 61.3 acre site, approximately 28.4 of which is usable land (not including the buffer zone), is adequate in size for construction of the facilities proposed.

   Construction Plans: The proposed park will include the construction of a combination of concrete sidewalks, gravel aggregate, cleared natural trails and boardwalks in addition to the proposed facilities and parking areas. A front entrance gate would also be constructed. Refer to Figure 3 for an illustration of the master construction plan.

   a. The front entrance gate will be constructed of aluminum and be approximately eight feet in height and 26 feet in overall length. An

automatic gate operating system including a keypad by Elite will be installed, requiring telephone entry access. The gate model to be used is double-opening.

b. Island I will contain the main parking lot, which will provide space for 156 cars. The second parking lot currently exists as the boat ramp parking lot, located between the proposed front entrance and Island II. It will not be modified and currently holds up to 48 cars. It will primarily be used as an overflow parking area.

c. The various paved walkways and roadways will be of various widths and serve to connect the islands to one another and to provide safe and effective wilderness trails for participating campers.

   There are existing trails on the subject site. On Islands II and III, the trails appear to be in good condition and may only be slightly modified from their existing condition. The trail on Island I is much less developed and will require paving using the same materials as described for the parking lot.

d. A six-foot wooden privacy fence is proposed for the northeast side of the park, blocking the view camp from adjacent single-family houses. A vegetative screen will be added to further obscure view of the residences from the inside of the park, as well as add aesthetic value to the structure.

e. Facilities: Phase I

   1. Island I ("Body"): The facilities on this island will serve as the primary facilities for the camp. A total of 16 structures are proposed for construction on this island during Phase I of the project. The site amenities to be constructed include: 1) a large field complex in the center of the island for baseball/softball activities; 2) an airnasium/multi-purpose court, which will span approximately 80'x 100'; 3) a 500-person capacity amphitheater; 4) a marina and first aid station; and 5) a fishing pier.

      The buildings to be constructed on Island I during Phase I of construction include: 1) five resident cabins at 3,395 sq. ft. each; 2) a 1,600 sq. ft. director's cabin; 3) a 1,200 sq. ft. maintenance building; 4) a 15,575 sq. ft. dining hall, including spaces for administration, a camp store, dining, a kitchen, a stage, restrooms, an infirmary, infirmary living quarters, mechanical storage and staff living quarters; 5) a 1,400 sq. ft. pavilion; 6) an 810 sq. ft. A/V booth and amphitheater stage; and 7) a 200 sq. ft. first aid building.

   2. Island II ("Spirit"): No buildings will be constructed on this island during Phase I of the project. However, two beach areas will be constructed between Islands II and III, separated by a

proposed pathway connecting the two islands, as shown on Figure 3, Item N. The beach on the south side of the pathway will be approximately 100 feet long and 50 feet wide, and the beach on the north side will be approximately the same length as the first beach and only 40 feet wide.

3. Island III ("Mind"): The only construction proposed to take place on this island during Phase I is the creation of a multi-level ropes course. It will be the main structure on this island and will take up a large portion of land in the center (Figure 3, Item S).

f. Facilities: Phase II

1. Island I ("Body"): A total of nine structures are proposed for construction on this island during Phase II of the project. Site amenities to be constructed include: 1) an outdoor pool; 2) a 500-person capacity, approximately 70' x 60' amphitheater, including a stage; and 3) a marina with space for 6-12 sailboats.

   The buildings to be constructed include: 1) two 2,325 sq. ft. staff cabins; 2) the dining hall will be finished, with the construction of 8,688 sq. ft. of classrooms and locker rooms on the lower level; 3) a 12,300 sq. ft. gymnasium; 4) an 8,610 sq. ft. main chapel with a 500-person capacity; and 5) an 810 sq. ft. A/V booth and amphitheater stage.

2. Island II ("Spirit"): A total of 13 features will either be constructed or designated on this island during Phase II of the project. Site amenities that will be constructed or designated include: 1) construction of an approximately 46' x 33' amphitheater with a 150-200-person capacity; 2) the designation of an open space area to be used for miscellaneous activities; and 3) the designation of an archery area.

   Buildings to be constructed during this phase include: 1) seven 3,395 sq. ft. resident cabins; 2) a 2,340 sq. ft. chapel with a 150-200-person capacity; 3) a 1,400 sq. ft. pavilion; and 4) an 810 sq. ft. A/V booth and amphitheater stage.

3. Island III ("Mind"): A total of three structures will be constructed on this island during Phase II of the project. The only site amenity is a 150-200-person capacity amphitheater that measures approximately 46' x 33'. Buildings to be constructed include: 1) a 1,400 sq. ft. pavilion; and 2) an 810 sq. ft. A/V booth and amphitheater stage.

g. Appropriate sediment and erosion control efforts will be practiced during camp construction, and all disturbed areas will be

hydroseeded and protected with a hydraulically applied soil guard bonded fiber matrix.

5. ENVIRONMENTAL IMPACT OF THE PROPOSED ACTION:

Biological and Physical Impacts: A potential direct, short-term, but minor impact of the project would consist of soil erosion during camp construction. However, stringent erosion and sedimentation control practices would be implemented prior to construction and maintained throughout the duration of the project.

a. Land Use Changes: The existing land use allows fishing and boating access to the lake, which will be discontinued once construction of the camp commences. There are several other boat ramps along Lake Lanier that are made available to the public year round for those who currently access the ramp at Bethel Park.

   The primary use of the camp will be for a summer residential camp. Secondarily, it will serve as a site for schools to participate in outdoor education programs, weekend youth and family retreats, and senior group experiences.

b. Historic and Archeological Resources: (to be provided by USACE)

c. Protected Species: The Indian olive was the only protected species having suitable habitat within the proposed park boundaries. This species was not observed during the survey of the project area. The bald eagle does have potential habitat in areas surrounding Lake Lanier because nesting habitat for this species does not currently exist within project boundaries. The proposed camp would not be detrimental to any of these species due to the limited amount of habitat degradation expected from construction.

d. Recreation: The proposed camp will provide excellent outdoor educational and recreational opportunities for children, families and community organizations participating in YMCAs camp programs.

e. Air Quality: Bethel Park currently sits in a quiet neighborhood with residential development in progress approximately 0.25 mile north on Bethel Rd. The park receives little in the way of vehicle traffic, with the exception of lake access on holidays by the surrounding communities. The air quality may decrease during construction, although it is unlikely given the nature of the project.

f. Water Quality: Camp construction could result in a short-term and negligible increase in sedimentation within the lake; however, the overall water quality of the lake will not be affected due to its size when compared to the size of Bethel Park (Figure 4) as well as its utilization as a filter for the Chattahoochee and Chestatee watersheds. With respect to the possible increase in sedimentation, silt fencing and other erosion control measures would be used as required by the Georgia Erosion and Sedimentation Act of 1975. In addition, all

machinery would be kept out of the water during all phases of construction.

Therefore, there will be no long-term degradation of water quality resulting from the proposed camp. Rather, establishment of the camp would protect the area from future development, thus resulting in potentially a long-term enhancement to water quality in the area.

g. Wetlands: Since no wetland areas occur on or near the project site, there will be no impacts to wetlands as a result of this project.

h. Noise Impacts: Short-term noise impacts would occur during construction of the camp facilities to those houses adjacent to Bethel Park. However, noise levels would return to normal once construction is completed and all equipment removed from the area. The camp would result a drastic increase in use of the park during certain times of the year; however, noise levels should remain minimal due to the lack of vehicle use within the camp. The majority of post-construction noise will be absorbed by the privacy fence and vegetative screen that will be installed between the houses and the camp boundary.

i. Aesthetics: Currently, the proposed park site consists of a kiosk located approximately 50 feet northeast of Island II and a couple of rough trails around the islands. A large portion of Island I is infested with kudzu vine due to its former use as a picnic area. Construction will negatively affect aesthetic value on a short-term basis; however, kudzu removal, the establishment of well-placed facilities and activity centers, and the retention of natural features of the forested areas will enhance aesthetic qualities within the park.

j. Prime and Unique Farmland: As indicated in section 2.b. (12) there are no prime or unique farm lands in the project area. Therefore, this project should not require a prime farmland evaluation (USDA Form 1006) by the NRCS. Therefore, this category is considered "no effect".

k. Socioeconomic: As stated above in Section 2.b. (13), the City of Gainesville experienced a positive population growth in recent years, while the per capita income was slightly lower than the State. While the camp will not provide substantial employment opportunities, it may improve use of the area; increasing traffic to and from the YMCA camp could result in an increase in customers at nearby businesses, thereby increasing the utilization of the entire area.

6. IRREVERSIBLE OR IRRETRIEVABLE COMMITMENTS OF RESOURCES WHICH WOULD BE INVOLVED SHOULD THE PROPOSED ACTION BE IMPLEMENTED: Any irreversible or irretrievable commitments of resources involved in the proposed action have been considered. No irreversible or irretrievable commitments of resources are anticipated at this time.

7. ADVERSE ENVIRONMENTAL IMPACTS WHICH CANNOT BE AVOIDED: Minor and short-term impacts to air quality and noise levels cannot be avoided

during construction. However, this is determined to be insignificant on a long-term basis; these levels will return to normal once construction is complete. In addition, a temporary increase in sedimentation as a result of construction could occur. However, this was also determined to be insignificant given the 100-foot buffer and the strict erosion control measures that will be used before, during, and after construction.

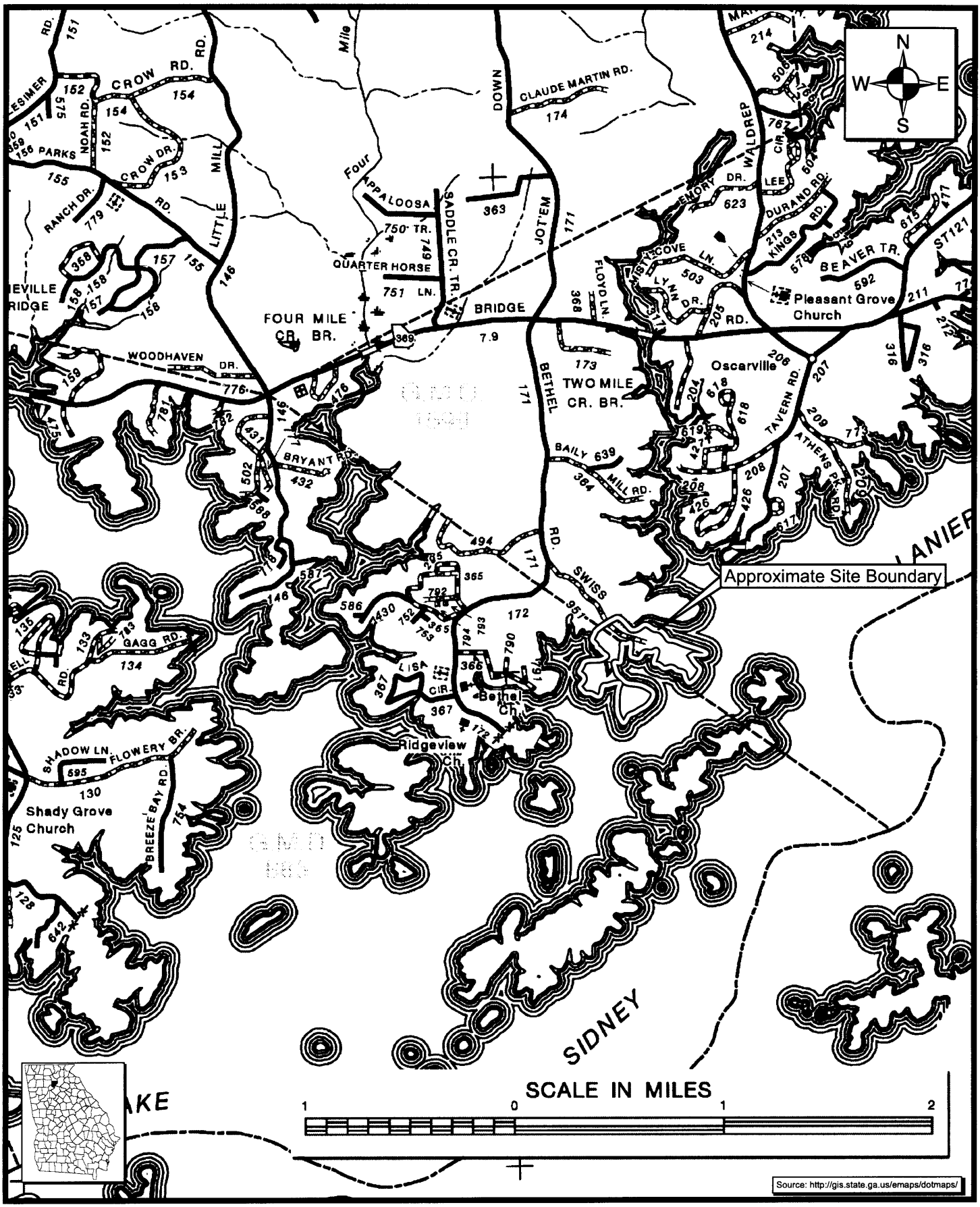
8. THE RELATIONSHIP BETWEEN SHORT-TERM USES OF MANS' ENVIRONMENT AND MAINTENANCE AND ENHANCEMENT OF LONG-TERM PRODUCTIVITY: The short-term construction impacts (i.e., erosion and sedimentation, air quality reduction, and noise level increase) of the proposed project are anticipated to be mitigated by the long-term positive impacts upon water quality and the human environment (i.e., recreation). Exclusion of commercial and industrial development in this area will aid in maintaining good water quality in the lake. Furthermore, the benefit of the camp to the community will far exceed the temporary impacts to the quality of the environment.

9. ALTERNATIVES TO THE RECOMMENDED PLAN

   a. "No Action Alternative": Under the "no action" alternative, the proposed camp facilities would not be constructed. The land would remain as 61.3 acres of mixed pine-hardwoods forest with a boat ramp and parking lot that is accessed by the public. The surrounding communities would not gain the benefit of an outdoor, educational camp for children, families and community organizations. Aside from access of the boat ramp by the general public, Bethel Park remains widely unused as a camping area and would continue to be underused under this alternative. Therefore, it was determined to be unsuitable compared to the preferred alternative.

10. COORDINATION: Coordination was conducted with Mr. William Youngman, USACE, Mobile District; Dr. Robin Goodloe, USFWS; and Mr. Greg Krakow of the Georgia Department of Natural Resources Natural Heritage Program. All correspondence letters are located in Appendix C.

Appendix A: Figures



10207-001_Graphics_v1.fh10 p1

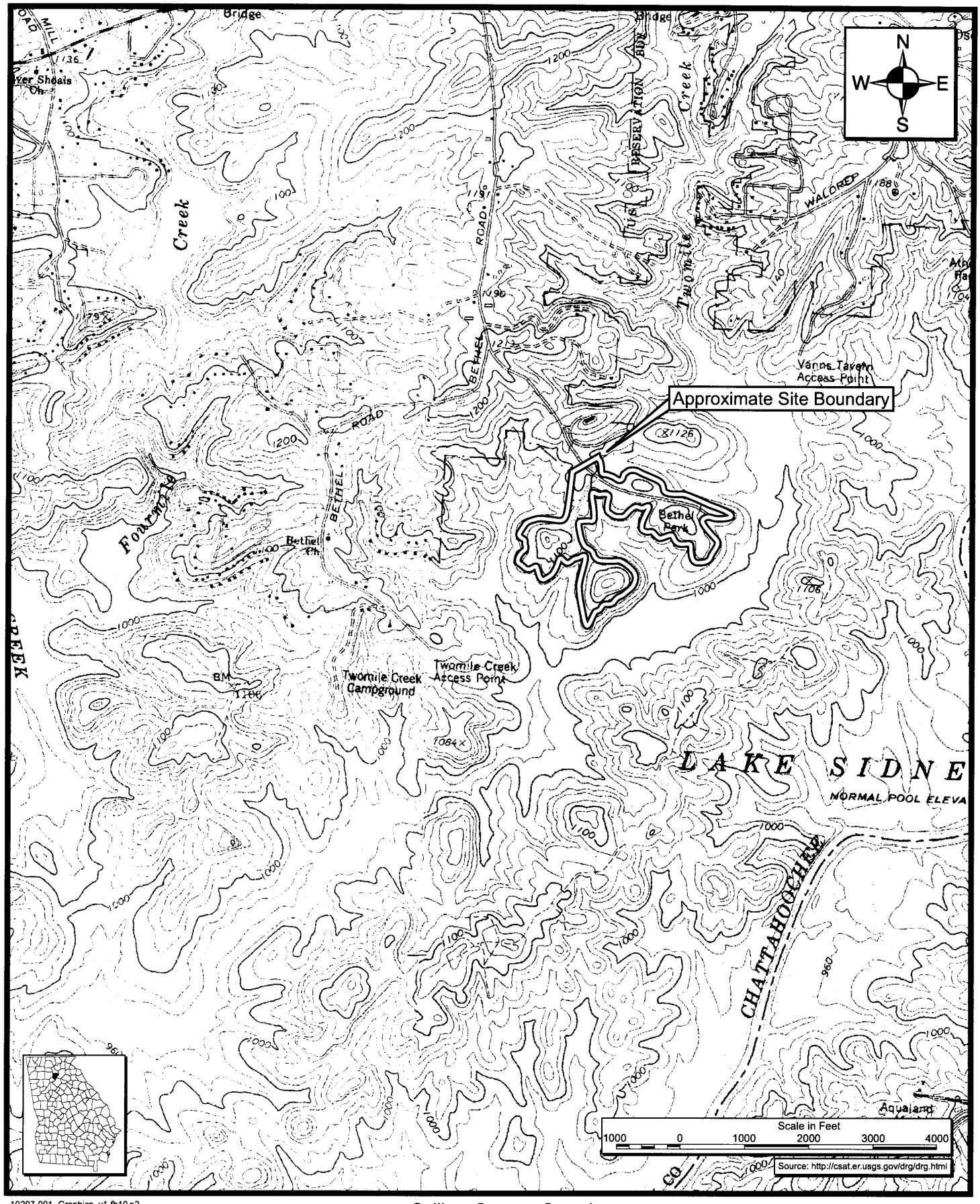
Collins, Cooper, Carusi
YMCA Camp High Harbour

October 2005
10207-001

Ecological Solutions Inc.

Site Location Map

Figure 1



10207-001_Graphics_v1.fh10 p2

Ecological Solutions Inc.

Collins, Cooper, Carusi
YMCA Camp High Harbour

October 2005
10207-001

Site Topographic Map

Figure 2

ACREAGE:

TOTAL LAND: 61.3 ACRES (Per Corp. of Engineers Records)
USEABLE LAND: 28.85 ACRES (AREA OUTSIDE 100' BUFFER LINE)

NORMAL POOL ELEVATION: 1071.00'

FLOOD POOL CONTOUR: 1086.00'

ISLAND I - 'BODY'

A. Gated Entrance w/ Turnaround
A2. Director's Cabin
B. Gymnasium
B1. Field Complex - Baseball / Softball and Open Field
B2. Pavilion (Restrooms / concessions)
B3. Airnasium
C. Dining Hall
C2. Outdoor Pool
D. Large Amphitheater - 500 Person Capacity
E. Chapel - 500 person Capacity
F. Resident Cabins: 5 Total
F1. Staff Housing - 2 cabins
G. Maintenance Facility
H. Parking - 156 Cars and Pavilion
H1. Overflow Parking and Staging Area, The Depot, Fueling Station - 1000 Gal. Gas tank and Pump
U. Water Craft - First-Aid Station, Multi-Use Dock, Slips, Amphitheater, Dry Storage, Fuel Dock
V. 6-12 Sailboats 'Lightning' Type 19' (Dock and/or Slips)
W. 9 Ski Boats (21' Length) (Slips)
3 Pontoon Boats (Dock and/or Slips)
X. 25 Canoe and 35 Kayak (Dock / Shore / Dry Storage)
10 Paddle Boat (Dry / Shore)
Y. Fishing Pier

ISLAND II - 'SPIRIT'

J. Amphitheater: 150-200 person capacity
K. Chapel: 150-200 person capacity
L. Resident Cabins: 7 Total
M. Open Space
N. Beach Area: Sand area, floating dock and platform, lifeguard station
O. Pavilion (Restrooms / Concessions)
P. Archery Area

ISLAND III - 'MIND'

O. Pavilion (Restrooms / Concessions)
R. Amphitheater: 150-200 Person Capacity
S. Ropes Course: Minimum 14-Element / Novice, Med. & Advanced

GRAPHIC SCALE

(IN FEET)
1 inch = 100 ft.

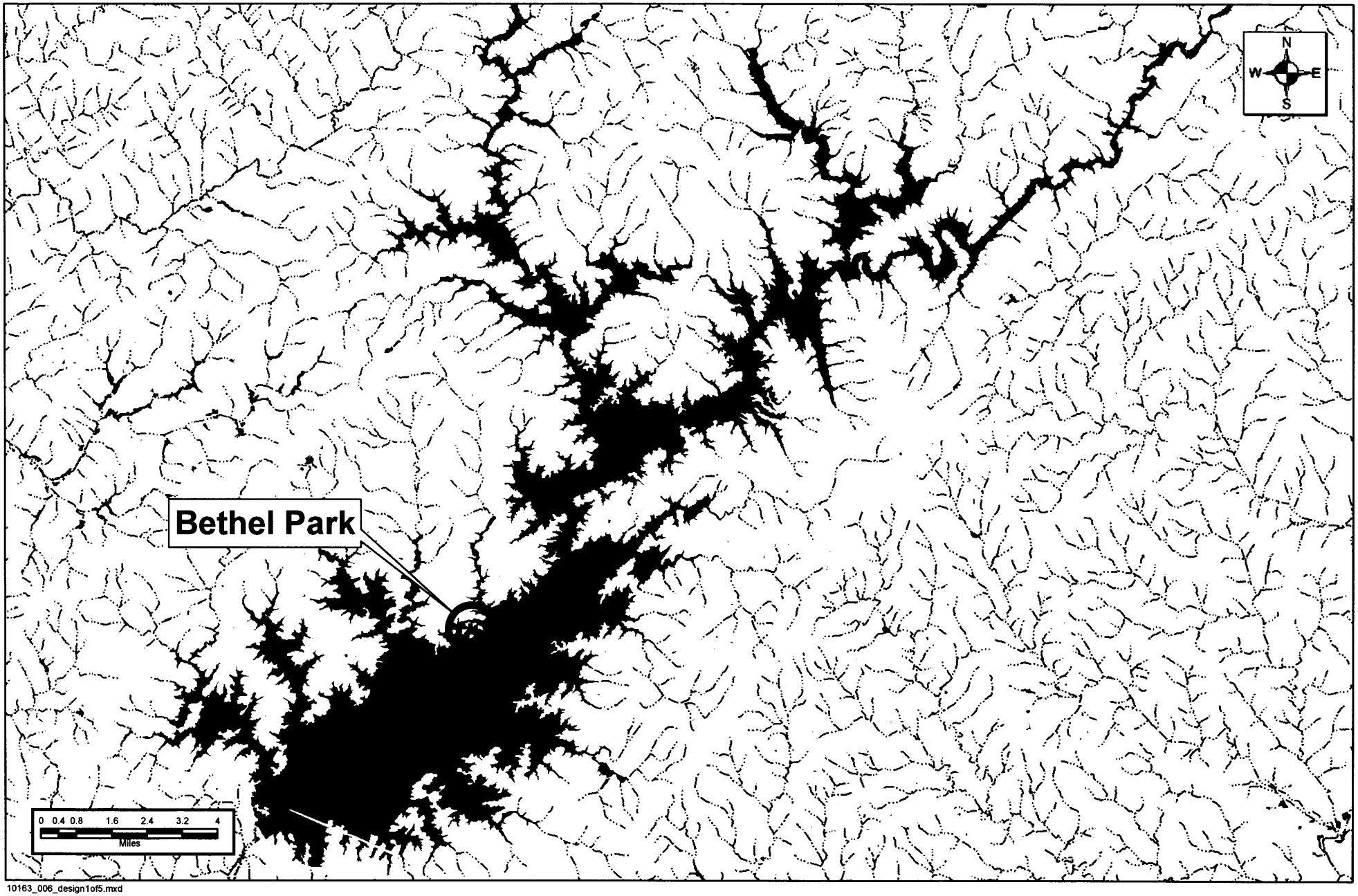
ALTAMIRA
DESIGN & COMMON SENSE, INC.
LANDSCAPE ARCHITECTS

Master Plan

YMCA CAMP HIGH HARBOUR at BETHEL PARK

Forsyth County, Georgia
April 1, 2005

COLLINS COOPER CARUSI *Architects*



10163_006_design1of5.mxd

Ecological Solutions, Inc.

Collins, Cooper, Carusi
YMCA Camp High Harbour

October 2005
10163-006

Figure 4

Lake Sidney Lanier

Appendix B: Tables

Table 1. Federal and State Listed Protected Species that may occur within Forsyth and surrounding counties.

Scientific Name	Common Name	Federal Status	State Status	Preferred Habitat	Habitat Available in Project Area
Bird					
Haliaeetus leucocephalus	Bald eagle	T	E	Inland waterways and estuarine areas along the coast, reservoirs and rivers in the southern and central part of the state.	Yes
Fish					
Percina antesella	Amber darter	E	E	Gentle riffle areas over sand and gravel substrate that becomes vegetated (primarily with *Podostemum*) during summer; last taken in Etowah River in 1980; historic population in Shoal Creek probably extirpated by construction of Allatoona Reservoir in 1950.	No
Cyprinella callitaenia	Bluestripe shiner	NP	T	Brownwater streams	No
Etheostoma scotti	Cherokee darter	T	T	Shallow water (0.1-0.5 m) in small to medium warm water creeks (1-15 m wide) with predominantly rocky bottoms. Usually found in sections with reduced current, typically runs above and below riffles and at ecotones of riffles and backwaters.	No
Etheostoma etowahee	Etowah darter	E	E	Shallow riffle habitat, with large gravel, cobble, and small boulder substrates. Usually found in medium and large cool water creeks or small rivers (15-30 m wide) with moderate or high gradients and rocky bottoms.	No
Noturus munitus	Frecklebelly madtom	NP	E	Rivers with moderate to swift current over substrates ranging from coarse gravel to boulders, submerged trees, and brush.	No
Percina lenticula	Freckled darter	NP	E	Fast deep rocky riffles of small to medium streams.	No
Noturus nocturnus	Freckled madtom	NP	E	Rivers with moderate to swift current over substrates ranging from coarse gravel to boulders, submerged trees, and brush.	No
Notropis hypsilepis	Highscale shiner	NP	T	Primarily found in tributary streams, often near stream confluences with larger rivers. Inhabit runs and pools over sand and bedrock substrates. Primarily occurs in the Chattahoochee and Flint river systems of Georgia and Alabama, from the headwaters of these systems to just below the Fall Line. Also known from a tributary to the upper Tallulah River in Georgia.	No
Etheostoma brevirostrum	Holiday darter	NP	T	Rocky streams	No
Invertebrate					
Medionidus pencillatus	Gulf moccasinshell mussel	E	E	Medium streams to large rivers with slight to moderate current over sand and gravel substrates; may be associated with muddy sand substrates around tree roots.	No

Scientific Name	Common Name	Federal Status	State Status	Preferred Habitat	Habitat Available in Project Area
Invertebrate (cont.)					
Lampsilis subangulata	Shiny-rayed pocketbook mussel	E	E	Medium creeks to the mainstems of rivers with slow to moderate currents over sandy substrates and associated with rock or clay.	No
Plant					
Schisandra glabra	Bay star-vine	NP	T	Twining on subcanopy and understory trees/shrubs in rich alluvial woods.	No
Isoetes melanospora	Black-spored quillwort	E	E	Shallow pools on granite outcrops, where water collects after a rain. Pools are less than 1 foot deep and rock rimmed.	No
Hydrastis canadensis	Golden seal	NP	E	Rich woods and cove forests in the mountains.	No
Sedum pusillum	Granite rock stonecrop	NP	T	Granite outcrops among mosses; in partial shade under red cedar trees.	No
Nestronia umbellula	Indian olive	NP	T	Dry open upland forests of mixed hardwood and pine.	Yes
Carex manhartii	Manhart sedge	NP	T	Middle elevation (2000-4000') in slightly acidic to circumneutral soils supporting cove hardwoods of basswood, yellow buckeye, an silverbell.	No
Waldsteinia lobata	Piedmont barren strawberry	NP	T	Rocky acedic woods along streams with mountain laurel; rarely in drier upland oak-hickory-pine woods.	No
Amphianthus pusillus	Pool sprite, Snorkelwort	T	T	Shallow pools on granite outcrops, where water collects after a rain. Pools are less than one foot deep and rock rimmed.	No
Platanthera integrilabia	White fringeless orchid	CS	T	Red maple-blackgum swamps; also sandy damp stream margins; on seepy, rocky, thinly vegetated slopes. Also known as Monkey-face Orchid.	No

T = Threatened E = Endangered NP = Not Protected CS = Candidate Species

Appendix C: Correspondence

Ecological Solutions Inc.

630 Colonial Park Drive
Suite 200
Roswell, Georgia 30075
P 770.998.7848 • F 770.998.5606
www.ecologicalsolutions.net

RECEIVED
OCT 28 2005

U. S. Fish and Wildlife Service
105 West Park Dr., Suite D
Athens, GA 30606
706-613-9493 Fax 706-613-6059

FWS Log No. 06-06-97-E-05

Based on the information you provided, no further action is required under Section 7(a)(2) of the Endangered Species Act. However, obligations under the Act must be reconsidered if the project is modified, if it may affect newly listed species or designated critical habitat, or if new information indicates it may affect listed species or critical habitat in a manner not considered in our review.

Sandra S. Tucker, Field Supervisor

11/1/05
Date

October 19, 2005

United States Fish and Wildlife Services
Attention: Dr. Robin Goodloe
Georgia Ecological Services
West Park Center, Suite D
105 West Park Drive
Athens, GA 30306

Re: YMCA Camp High Harbour, Bethel Park
Request of Concurrence

Dear Dr. Goodloe:

The purpose of this letter is to inform the US Fish and Wildlife Services (USFWS) of the proposed construction of a YMCA Camp at Bethel Park on Lake Sidney Lanier in Forsyth County, Georgia (Figure 1). The project area consists of approximately 61.3 acres of land as is located at latitude N34° 13' 36" and longitude W83° 59' 25" on the U.S. Geological Survey (USGS) Flowery Branch 7.5 minute quadrangle map. We request written concurrence with respect that impacts to protected species will not occur as a result of the project. The camp is proposed on property to be leased from the United States Army Corps of Engineers (USACE), Mobile District by the YMCA of Metropolitan Atlanta, Inc. The YMCA Camp High Harbour Services is a branch of the YMCA Metropolitan Altanta, Inc. that currently has five camps operating: Lake Burton in North Georgia; Lake Guntersville in Guntersville, Alabama; Jekyll Island, Georgia; Talkeetna, Alaska; and Oahu, Hawaii. A new camp is proposed at Bethel Park to provide programs for communities in that area. The proposed project includes the construction of several cabins and pavilions, a gymnasium, an airnasium, two chapels, three amphitheaters, a dining hall, a baseball/softball complex, a ropes course, fishing, boating and boat storage areas, and a swimming area with lifeguard stand.

Ecological Solutions Inc. is preparing an Environmental Assessment (EA) for the YMCA of Metropolitan Atlanta, Inc. and the Mobile District of the USACE to evaluate the proposed lease of this section of land. This section of land will only be leased for the purpose of constructing a YMCA camp to serve the community.

An office review of available resources was performed to develop a list of state- and federal-listed threatened and endangered species for Forsyth County (Table 1). The list

Noel Holcomb, Commissioner
Dan Forster, Director

Georgia Department of Natural Resources
Wildlife Resources Division

Nongame Wildlife & Natural Heritage Section
2117 U.S. Highway 278, S.E., Social Circle, Georgia 30025
(770) 918 6411

RECEIVED
OCT 27 2005
6207.001
ECOLOGICAL SOLUTIONS, INC.

October 24, 2005

Stephanie Kovac
Ecological Solutions
630 Colonial Park Drive
Suite 200
Roswell, GA 30075

Subject: **Known Occurrences of Conservation Areas and Special Concern Animals and Plants On or Near YMCA Camp High Harbour, Forsyth County, Georgia**

Dear Ms. Kovac:

This is in response to your request of October 10, 2005. There are no Natural Heritage Database records in our database within a three-mile radius of the project site.

Recommendations:

We have no records of species of concern within the property boundary. We are glad to see camp construction, which will add to the recreation opportunities for youth in the community. However, we are concerned about aquatic habitats that could be impacted by construction activities. In order to protect aquatic habitats and water quality, we recommend that all machinery be kept out of water during construction. We urge you to use stringent erosion control practices during construction activities. Further, we strongly advocate leaving vegetation intact within 100 feet of water, which will reduce inputs of sediments, assist with maintaining bank integrity, and provide shade and habitat for aquatic species. We realize that some trees may have to be removed, but recommend that shrubs and ground vegetation be left in place.

In wet areas, use boardwalks if possible to prevent degradation and destruction of these sensitive habitats. If roads and paths are paved, we strongly recommend using a porous pavement that will allow water to soak through instead of running off the surface and into the lake. These measures will help protect water quality, protect sensitive habitats and native species and provide for a more enjoyable recreational experience for the campers.

Disclaimer:

Please keep in mind the limitations of our database. The data collected by the Georgia Natural Heritage Program comes from a variety of sources, including museum and herbarium records, literature, and reports from individuals and organizations, as well as field surveys by our staff biologists. In most cases the information is not the result of a recent on-site survey by our staff. Many areas of Georgia have never been surveyed thoroughly. Therefore, the Georgia Natural

Heritage Program can only occasionally provide definitive information on the presence or absence of rare species on a given site. Our files are updated constantly as new information is received. **Thus, information provided by our program represents the existing data in our files at the time of the request and should not be considered a final statement on the species or area under consideration.**

If you know of populations of special concern species that are not in our database, please fill out the appropriate data collection form and send it to our office. Forms can be obtained through our web site (http://www.georgiawildlife.com) or by contacting our office. If I can be of further assistance, please let me know.

Sincerely,

Greg Krakow
Data Manager
GA Natural Heritage Program

Appendix D: EDR Radius Map with GeoCheck

The EDR Radius Map
with GeoCheck®

Bethel Park
Bethel Rd
GAINESVILLE, GA 30506

Inquiry Number: 1531916.1s

October 13, 2005

EDR® Environmental Data Resources Inc

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	6
Orphan Summary	7
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-7
Physical Setting Source Map Findings	A-8
Physical Setting Source Records Searched	A-10

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2005 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

BETHEL RD
GAINESVILLE, GA 30506

COORDINATES

Latitude (North):	34.226700 - 34˚ 13' 36.1''
Longitude (West):	83.990300 - 83˚ 59' 25.1''
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	224535.5
UTM Y (Meters):	3791142.8
Elevation:	1070 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property:	34083-B8 FLOWERY BRANCH, GA
Source:	USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

NPL ..... National Priority List
Proposed NPL ..... Proposed National Priority List Sites
CERCLIS ..... Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP ..... CERCLIS No Further Remedial Action Planned
CORRACTS ..... Corrective Action Report
RCRA-TSDF ..... Resource Conservation and Recovery Act Information
RCRA-LQG ..... Resource Conservation and Recovery Act Information
RCRA-SQG ..... Resource Conservation and Recovery Act Information
ERNS ..... Emergency Response Notification System

STATE ASTM STANDARD

SHWS ..... Hazardous Site Inventory

EXECUTIVE SUMMARY

SWF/LF ..... Solid Waste Disposal Facilities
LUST ..... List of Leaking Underground Storage Tanks
UST ..... Underground Storage Tank Database

FEDERAL ASTM SUPPLEMENTAL

CONSENT ..... Superfund (CERCLA) Consent Decrees
ROD ..... Records Of Decision
Delisted NPL ..... National Priority List Deletions
FINDS ..... Facility Index System/Facility Registry System
HMIRS ..... Hazardous Materials Information Reporting System
MLTS ..... Material Licensing Tracking System
MINES ..... Mines Master Index File
NPL Liens ..... Federal Superfund Liens
PADS ..... PCB Activity Database System
US ENG CONTROLS ..... Engineering Controls Sites List
ODI ..... Open Dump Inventory
UMTRA ..... Uranium Mill Tailings Sites
FUDS ..... Formerly Used Defense Sites
INDIAN RESERV ..... Indian Reservations
RAATS ..... RCRA Administrative Action Tracking System
TRIS ..... Toxic Chemical Release Inventory System
TSCA ..... Toxic Substances Control Act
SSTS ..... Section 7 Tracking Systems
FTTS INSP ..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

STATE OR LOCAL ASTM SUPPLEMENTAL

GA Spills ..... Spills Information
GA NON-HSI ..... Non-Hazardous Site Inventory
HIST LF ..... Historical Landfills
DRYCLEANERS ..... Drycleaner Database

EDR PROPRIETARY HISTORICAL DATABASES

Coal Gas ..... Former Manufactured Gas (Coal Gas) Sites

BROWNFIELDS DATABASES

US BROWNFIELDS ..... A Listing of Brownfields Sites
US INST CONTROL ..... Sites with Institutional Controls
BROWNFIELDS ..... Brownfields Public Record List
INST CONTROL ..... Public Record List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

FEDERAL ASTM SUPPLEMENTAL

Federal Lands: Consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

A review of the DOD list, as provided by EDR, and dated 10/01/2003 has revealed that there is 1 DOD site within approximately 1 mile of the target property.

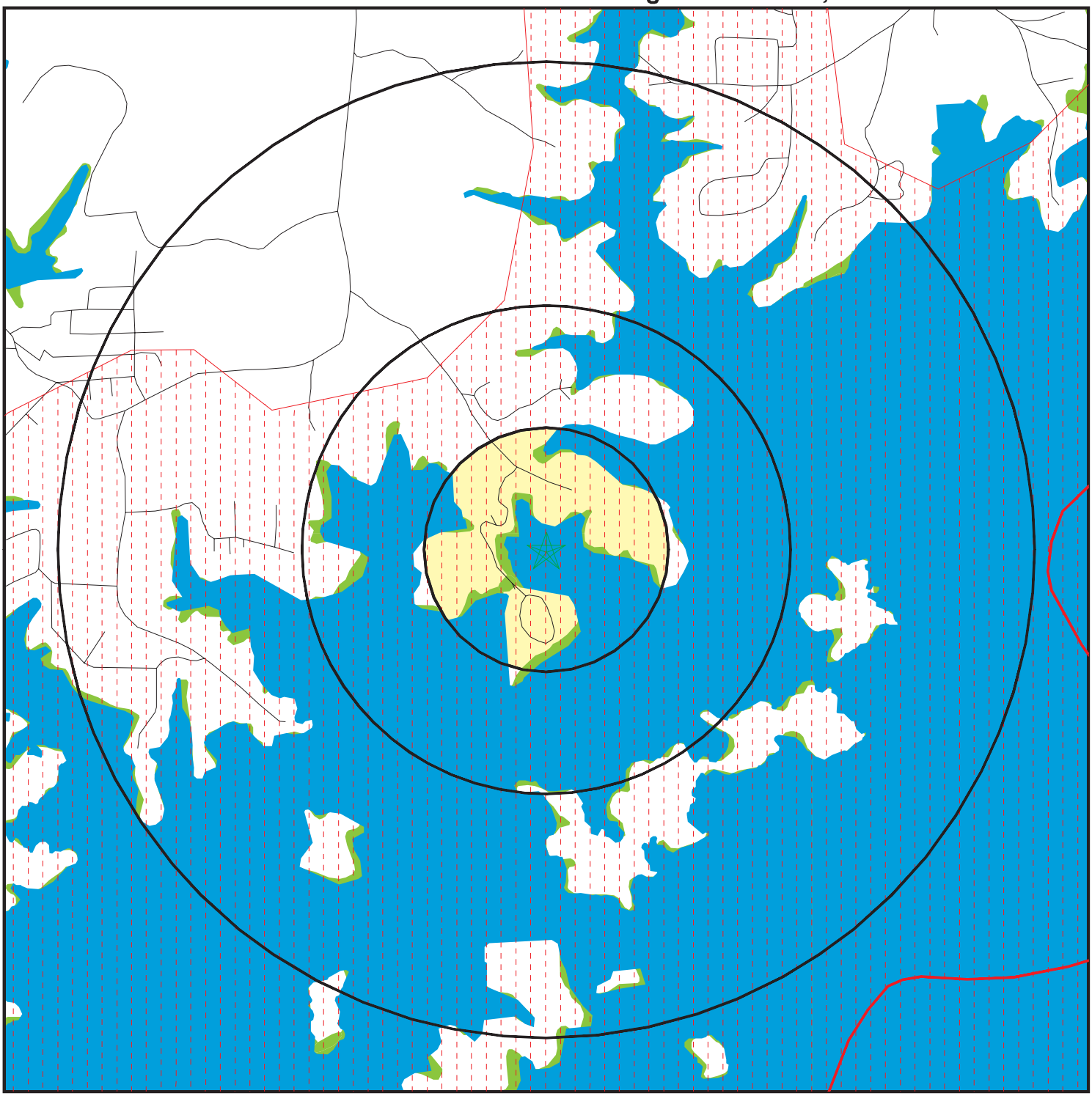
Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
LAKE SIDNEY LANIER		0 - 1/8	0	6

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
JOT-EM-DOWN STORE	LUST, UST
VERNON SMITH	UST
HENRY LEE CONNER	UST
HALL COUNTY-CANDLER ROAD MSWLF	GA NON-HSI
GEORGIA POWER - GAINSVILLE #2 SUBST	GA NON-HSI

OVERVIEW MAP - 1531916.1s - Ecological Solutions, Inc.



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Coal Gasification Sites
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Oil & Gas pipelines
- Federal Wetlands

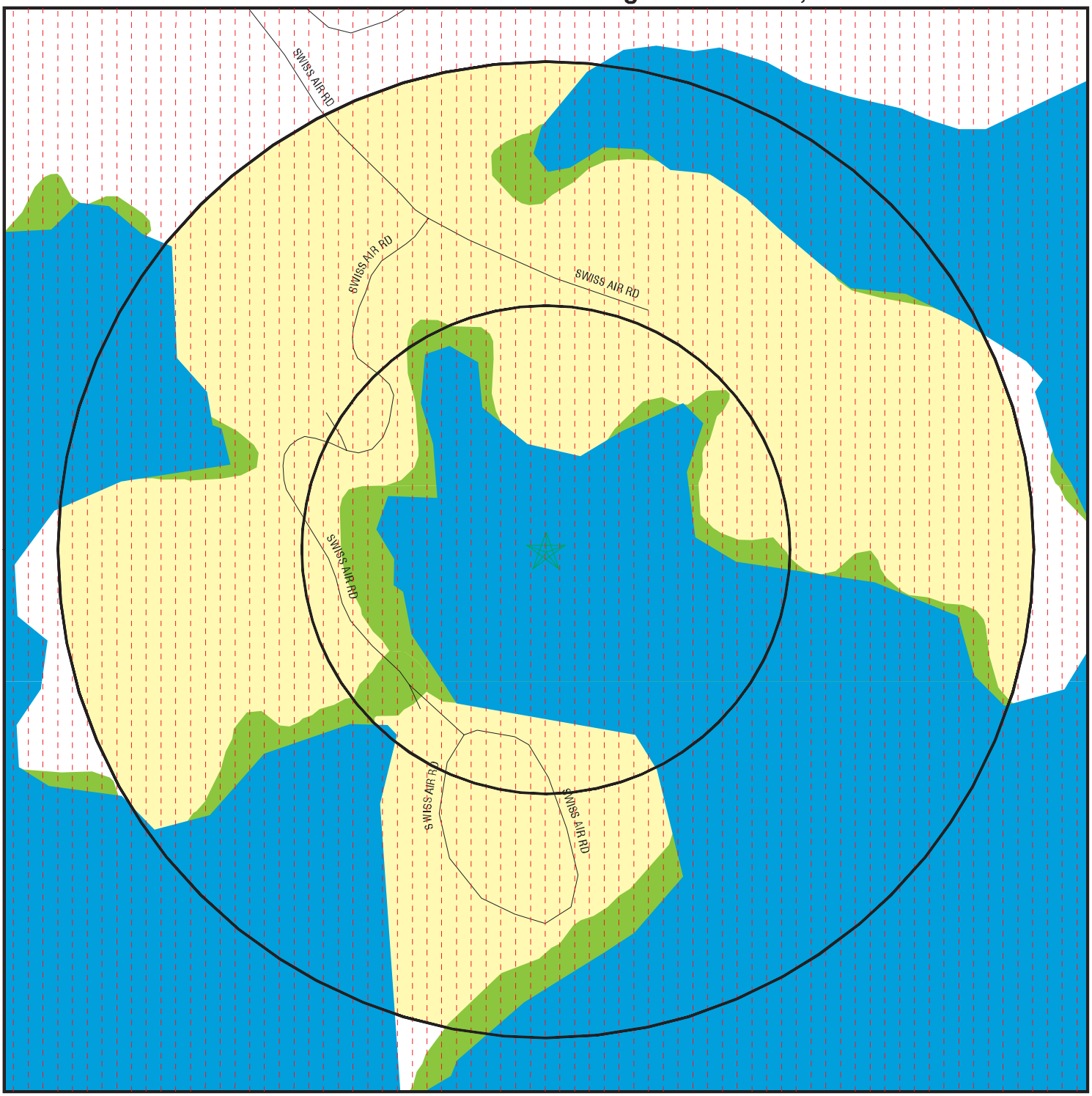
0 1/4 1/2 1 Miles

N

TARGET PROPERTY:	Bethel Park	CUSTOMER:	Ecological Solutions, Inc.
ADDRESS:	Bethel Rd	CONTACT:	Stephanie Kovac
CITY/STATE/ZIP:	GAINESVILLE GA 30506	INQUIRY #:	1531916.1s
LAT/LONG:	34.2267 / 83.9903	DATE:	October 13, 2005 12:40 pm

Copyright © 2005 EDR, Inc. © 2004 GDT, Inc. Rel. 07/2004. All Rights Reserved.

DETAIL MAP - 1531916.1s - Ecological Solutions, Inc.



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Coal Gasification Sites
- Sensitive Receptors
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites

0 1/16 1/8 1/4 Miles

- Indian Reservations BIA
- County Boundary
- Oil & Gas pipelines
- Federal Wetlands

N

TARGET PROPERTY:	Bethel Park	CUSTOMER:	Ecological Solutions, Inc.
ADDRESS:	Bethel Rd	CONTACT:	Stephanie Kovac
CITY/STATE/ZIP:	GAINESVILLE GA 30506	INQUIRY #:	1531916.1s
LAT/LONG:	34.2267 / 83.9903	DATE:	October 13, 2005 12:40 pm

Copyright © 2005 EDR, Inc. © 2004 GDT, Inc. Rel. 07/2004. All Rights Reserved.

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL ASTM STANDARD								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRA TSD		0.500	0	0	0	NR	NR	0
RCRA Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRA Sm. Quan. Gen.		0.250	0	0	NR	NR	NR	0
ERNS		TP	NR	NR	NR	NR	NR	0
STATE ASTM STANDARD								
State Haz. Waste		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
LUST		0.500	0	0	0	NR	NR	0
UST		0.250	0	0	NR	NR	NR	0
FEDERAL ASTM SUPPLEMENTAL								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
FUDS		1.000	0	0	0	0	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
DOD		1.000	1	0	0	0	NR	1
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
STATE OR LOCAL ASTM SUPPLEMENTAL								
GA Spills		TP	NR	NR	NR	NR	NR	0
Non-HSI		1.000	0	0	0	0	NR	0
HIST LF		0.500	0	0	0	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR PROPRIETARY HISTORICAL DATABASES								
Coal Gas		1.000	0	0	0	0	NR	0
BROWNFIELDS DATABASES								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
BROWNFIELDS		0.500	0	0	0	NR	NR	0
INST CONTROL		0.500	0	0	0	NR	NR	0

NOTES:

AQUIFLOW - see EDR Physical Setting Source Addendum

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

DOD Region | **LAKE SIDNEY LANIER** | **DOD** | **CUSA042600**
N/A

LAKE SIDNEY LANIER (County), GA

< 1/8
1 ft.

FEDERAL LANDS:

Feature 1:	Army Corps of Engineers DOD
Feature 2:	Not reported
Feature 3:	Not reported
Agency:	DOD
URL:	Not reported
Name 1:	Lake Sidney Lanier
Name 2:	Not reported
Name 3:	Not reported
State:	GA

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
GAINESVILLE	U001480207	VERNON SMITH	RT 13	30506	UST
GAINESVILLE	U001480208	HENRY LEE CONNER	RT 9	30506	UST
GAINESVILLE	S105037352	HALL COUNTY-CANDLER ROAD MSWLF	CANDLER ROAD (SR 60)		GA NON-HSI
GAINESVILLE	S105872314	GEORGIA POWER - GAINSVILLE #2 SUBST	4000 FEET E OF US HIGHWAY 23 ON CANDLER RD		GA NON-HSI
GAINESVILLE	U001477772	JOT-EM-DOWN STORE	GA HWY 306/JOT-EM-DOWN RD/6805 KEITH BRI	30506	LUST, UST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/01/05
Date Data Arrived at EDR: 08/03/05
Date Made Active in Reports: 08/22/05
Number of Days to Update: 19

Source: EPA
Telephone: N/A
Last EDR Contact: 08/03/05
Next Scheduled EDR Contact: 10/31/05
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 8
Telephone: 303-312-6774

EPA Region 4
Telephone 404-562-8033

Proposed NPL: Proposed National Priority List Sites

Date of Government Version: 04/27/05
Date Data Arrived at EDR: 05/04/05
Date Made Active in Reports: 05/16/05
Number of Days to Update: 12

Source: EPA
Telephone: N/A
Last EDR Contact: 08/05/05
Next Scheduled EDR Contact: 10/31/05
Data Release Frequency: Quarterly

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 06/27/05
Date Data Arrived at EDR: 07/22/05
Date Made Active in Reports: 08/17/05
Number of Days to Update: 26

Source: EPA
Telephone: 703-413-0223
Last EDR Contact: 09/20/05
Next Scheduled EDR Contact: 12/19/05
Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

Date of Government Version: 05/17/05
Date Data Arrived at EDR: 06/20/05
Date Made Active in Reports: 08/17/05
Number of Days to Update: 58

Source: EPA
Telephone: 703-413-0223
Last EDR Contact: 09/20/05
Next Scheduled EDR Contact: 12/19/05
Data Release Frequency: Quarterly

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/28/05
Date Data Arrived at EDR: 07/05/05
Date Made Active in Reports: 08/08/05
Number of Days to Update: 34

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/06/05
Next Scheduled EDR Contact: 12/05/05
Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 08/11/05
Date Data Arrived at EDR: 08/23/05
Date Made Active in Reports: 10/06/05
Number of Days to Update: 44

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/23/05
Next Scheduled EDR Contact: 10/24/05
Data Release Frequency: Quarterly

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/04
Date Data Arrived at EDR: 01/27/05
Date Made Active in Reports: 03/24/05
Number of Days to Update: 56

Source: National Response Center, United States Coast Guard
Telephone: 202-260-2342
Last EDR Contact: 07/25/05
Next Scheduled EDR Contact: 10/24/05
Data Release Frequency: Annually

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/03
Date Data Arrived at EDR: 06/17/05
Date Made Active in Reports: 08/04/05
Number of Days to Update: 48

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/12/05
Next Scheduled EDR Contact: 12/12/05
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/14/04	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 02/15/05	Telephone: Varies
Date Made Active in Reports: 04/25/05	Last EDR Contact: 07/25/05
Number of Days to Update: 69	Next Scheduled EDR Contact: 10/24/05
	Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 06/08/05	Source: EPA
Date Data Arrived at EDR: 07/11/05	Telephone: 703-416-0223
Date Made Active in Reports: 08/08/05	Last EDR Contact: 07/06/05
Number of Days to Update: 28	Next Scheduled EDR Contact: 10/03/05
	Data Release Frequency: Annually

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/01/05	Source: EPA
Date Data Arrived at EDR: 08/03/05	Telephone: N/A
Date Made Active in Reports: 08/22/05	Last EDR Contact: 08/03/05
Number of Days to Update: 19	Next Scheduled EDR Contact: 10/31/05
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 07/11/05	Source: EPA
Date Data Arrived at EDR: 07/19/05	Telephone: (404) 562-9900
Date Made Active in Reports: 08/08/05	Last EDR Contact: 07/05/05
Number of Days to Update: 20	Next Scheduled EDR Contact: 10/03/05
	Data Release Frequency: Quarterly

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/27/05	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 07/22/05	Telephone: 202-366-4555
Date Made Active in Reports: 09/01/05	Last EDR Contact: 07/22/05
Number of Days to Update: 41	Next Scheduled EDR Contact: 10/17/05
	Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/14/05
Date Data Arrived at EDR: 07/22/05
Date Made Active in Reports: 08/22/05
Number of Days to Update: 31

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 07/05/05
Next Scheduled EDR Contact: 10/03/05
Data Release Frequency: Quarterly

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/13/05
Date Data Arrived at EDR: 06/27/05
Date Made Active in Reports: 08/08/05
Number of Days to Update: 42

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/27/05
Next Scheduled EDR Contact: 12/26/05
Data Release Frequency: Semi-Annually

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91
Date Data Arrived at EDR: 02/02/94
Date Made Active in Reports: 03/30/94
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/22/05
Next Scheduled EDR Contact: 11/21/05
Data Release Frequency: No Update Planned

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/30/05
Date Data Arrived at EDR: 05/10/05
Date Made Active in Reports: 05/24/05
Number of Days to Update: 14

Source: EPA
Telephone: 202-564-3887
Last EDR Contact: 08/25/05
Next Scheduled EDR Contact: 11/07/05
Data Release Frequency: Annually

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 10/01/03
Date Data Arrived at EDR: 11/12/03
Date Made Active in Reports: 11/21/03
Number of Days to Update: 9

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 08/09/05
Next Scheduled EDR Contact: 11/07/05
Data Release Frequency: Semi-Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized. In 1978, 24 inactive uranium mill tailings sites in Oregon, Idaho, Wyoming, Utah, Colorado, New Mexico, Texas, North Dakota, South Dakota, Pennsylvania, and on Navajo and Hopi tribal lands, were targeted for cleanup by the Department of Energy.

Date of Government Version: 12/29/04
Date Data Arrived at EDR: 01/07/05
Date Made Active in Reports: 03/14/05
Number of Days to Update: 66

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 09/19/05
Next Scheduled EDR Contact: 12/19/05
Data Release Frequency: Varies

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/85
Date Data Arrived at EDR: 08/09/04
Date Made Active in Reports: 09/17/04
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 05/23/95
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

FUDS: Formerly Used Defense Sites
The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/04
Date Data Arrived at EDR: 06/29/05
Date Made Active in Reports: 08/08/05
Number of Days to Update: 40

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 06/29/05
Next Scheduled EDR Contact: 10/03/05
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations
This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 10/01/03
Date Data Arrived at EDR: 11/12/03
Date Made Active in Reports: 11/21/03
Number of Days to Update: 9

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 08/09/05
Next Scheduled EDR Contact: 11/07/05
Data Release Frequency: Semi-Annually

US ENG CONTROLS: Engineering Controls Sites List
A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 08/02/05
Date Data Arrived at EDR: 08/12/05
Date Made Active in Reports: 10/06/05
Number of Days to Update: 55

Source: Environmental Protection Agency
Telephone: 703-603-8867
Last EDR Contact: 10/03/05
Next Scheduled EDR Contact: 01/02/06
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System
RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95
Date Data Arrived at EDR: 07/03/95
Date Made Active in Reports: 08/07/95
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 09/06/05
Next Scheduled EDR Contact: 12/05/05
Data Release Frequency: No Update Planned

TRIS: Toxic Chemical Release Inventory System
Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/03
Date Data Arrived at EDR: 07/13/05
Date Made Active in Reports: 08/17/05
Number of Days to Update: 35

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 09/19/05
Next Scheduled EDR Contact: 12/19/05
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/02
Date Data Arrived at EDR: 04/27/04
Date Made Active in Reports: 05/21/04
Number of Days to Update: 24

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 07/18/05
Next Scheduled EDR Contact: 10/17/05
Data Release Frequency: Every 4 Years

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Date of Government Version: 07/15/05
Date Data Arrived at EDR: 07/25/05
Date Made Active in Reports: 08/22/05
Number of Days to Update: 28

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 09/19/05
Next Scheduled EDR Contact: 12/19/05
Data Release Frequency: Quarterly

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/03
Date Data Arrived at EDR: 01/03/05
Date Made Active in Reports: 01/25/05
Number of Days to Update: 22

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/18/05
Next Scheduled EDR Contact: 10/17/05
Data Release Frequency: Annually

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/15/05
Date Data Arrived at EDR: 07/25/05
Date Made Active in Reports: 08/22/05
Number of Days to Update: 28

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 09/19/05
Next Scheduled EDR Contact: 12/19/05
Data Release Frequency: Quarterly

STATE OF GEORGIA ASTM STANDARD RECORDS

SHWS: Hazardous Site Inventory

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 07/01/04
Date Data Arrived at EDR: 10/19/04
Date Made Active in Reports: 11/03/04
Number of Days to Update: 15

Source: Department of Environmental Protection
Telephone: 404-657-8600
Last EDR Contact: 09/09/05
Next Scheduled EDR Contact: 12/05/05
Data Release Frequency: Annually

SWF/LF: Solid Waste Disposal Facilities

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 09/06/05
Date Data Arrived at EDR: 09/06/05
Date Made Active in Reports: 09/27/05
Number of Days to Update: 21

Source: Department of Natural Resources
Telephone: 404-362-2696
Source: Center for GIS, Georgia Institute of Technology
Telephone: 404-385-0900
Last EDR Contact: 08/29/05
Next Scheduled EDR Contact: 11/28/05
Data Release Frequency: Semi-Annually

LUST: List of Leaking Underground Storage Tanks
Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 06/07/05
Date Data Arrived at EDR: 07/12/05
Date Made Active in Reports: 08/05/05
Number of Days to Update: 24

Source: Environmental Protection Division
Telephone: 404-362-2687
Last EDR Contact: 07/12/05
Next Scheduled EDR Contact: 10/10/05
Data Release Frequency: Quarterly

UST: Underground Storage Tank Database
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 01/21/05
Date Data Arrived at EDR: 01/27/05
Date Made Active in Reports: 02/23/05
Number of Days to Update: 27

Source: Environmental Protection Division
Telephone: 404-362-2687
Last EDR Contact: 07/11/05
Next Scheduled EDR Contact: 10/10/05
Data Release Frequency: Annually

STATE OF GEORGIA ASTM SUPPLEMENTAL RECORDS

SPILLS: Spills Information
Oil or Hazardous Material Spills or Releases.

Date of Government Version: 07/31/05
Date Data Arrived at EDR: 08/16/05
Date Made Active in Reports: 09/14/05
Number of Days to Update: 29

Source: Department of Natural Resources
Telephone: 404-656-6905
Last EDR Contact: 07/25/05
Next Scheduled EDR Contact: 10/24/05
Data Release Frequency: Quarterly

NON HSI: Non-Hazardous Site Inventory
This list was obtained by EDR in 1998 and contains property listings that have reported contamination of soil or groundwater under the Georgia Hazardous Site Response Act (HSRA). These sites were not placed on the Georgia Priority list (Hazardous Site Inventory or HSI) because their hazard evaluation scores did not exceed the threshold levels established for sites posing an imminent threat to health or the environment. Disclaimer provided by Rindt-McDuff Associates - the database information has been obtained from publicly available sources produced by other entities. While reasonable steps have been taken to insure the accuracy of the data, RMA does not guarantee the accuracy of the data. No claim is made for the actual existence of pollution at any site. This data does not constitute a legal opinion.

Date of Government Version: 04/15/05
Date Data Arrived at EDR: 04/22/05
Date Made Active in Reports: 05/04/05
Number of Days to Update: 12

Source: Rindt-McDuff Associates, Inc.
Telephone: N/A
Last EDR Contact: 07/05/05
Next Scheduled EDR Contact: 10/03/05
Data Release Frequency: Annually

HIST LF: Historical Landfills
Landfills that were closed many years ago.

Date of Government Version: 01/15/03
Date Data Arrived at EDR: 01/20/04
Date Made Active in Reports: 02/06/04
Number of Days to Update: 17

Source: Department of Natural Resources
Telephone: 404-362-2696
Last EDR Contact: 01/20/04
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

DRYCLEANERS: Drycleaner Database
A listing of drycleaners in Georgia.

Date of Government Version: 06/23/05
Date Data Arrived at EDR: 06/24/05
Date Made Active in Reports: 07/14/05
Number of Days to Update: 20

Source: Department of Natural Resources
Telephone: 404-363-7000
Last EDR Contact: 06/23/05
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR PROPRIETARY HISTORICAL DATABASES

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

BROWNFIELDS DATABASES

US BROWNFIELDS: A Listing of Brownfields Sites
Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 08/18/05
Date Data Arrived at EDR: 08/18/05
Date Made Active in Reports: 10/06/05
Number of Days to Update: 49

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 08/11/05
Next Scheduled EDR Contact: 12/12/05
Data Release Frequency: Semi-Annually

BROWNFIELDS: Brownfields Public Record List
The Brownfields Public Record lists properties where response actions under the Georgia Hazardous Site Reuse and Redevelopment Act are planned, ongoing or completed.

Date of Government Version: 09/09/05
Date Data Arrived at EDR: 09/09/05
Date Made Active in Reports: 10/13/05
Number of Days to Update: 34

Source: Department of Natural Resources
Telephone: 404-657-8600
Last EDR Contact: 09/07/05
Next Scheduled EDR Contact: 12/05/05
Data Release Frequency: Varies

INST CONTROL: Public Record List
Sites on the Public Record Listing that have institutional controls or limitations on use are sites with Risk Reduction Standards of 3, 4, and 5.

Date of Government Version: 09/09/05
Date Data Arrived at EDR: 09/09/05
Date Made Active in Reports: 10/13/05
Number of Days to Update: 34

Source: Department of Natural Resources
Telephone: 404-657-8600
Last EDR Contact: 09/07/05
Next Scheduled EDR Contact: 12/05/05
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls
A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 01/10/05
Date Data Arrived at EDR: 02/11/05
Date Made Active in Reports: 04/06/05
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 703-603-8867
Last EDR Contact: 07/05/05
Next Scheduled EDR Contact: 10/03/05
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: PennWell Corporation
Telephone: (800) 823-6277
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Child Care Centers
Source: Department of Human Resources
Telephone: 404-651-5562

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

© 2004 Geographic Data Technology, Inc., Rel. 07/2004. This product contains proprietary and confidential property of Geographic Data Technology, Inc. Unauthorized use, including copying for other than testing and standard backup procedures, of this product is expressly prohibited.

GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

BETHEL PARK
BETHEL RD
GAINESVILLE, GA 30506

TARGET PROPERTY COORDINATES

Latitude (North):	34.226700 - 34˚ 13’ 36.1’’
Longitude (West):	83.990303 - 83˚ 59’ 25.1’’
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	224535.5
UTM Y (Meters):	3791142.8
Elevation:	1070 ft. above sea level

EDR’s GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata. EDR’s GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

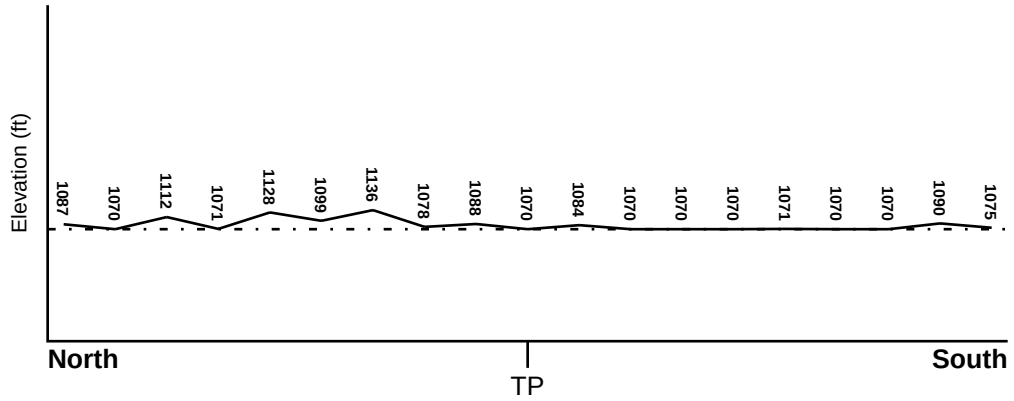
TOPOGRAPHIC INFORMATION

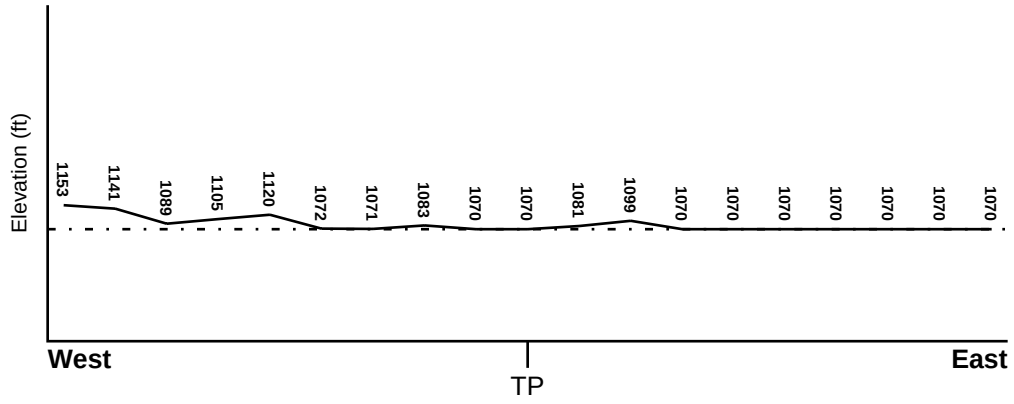
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

USGS Topographic Map:	34083-B8 FLOWERY BRANCH, GA
General Topographic Gradient:	General South
Source:	USGS 7.5 min quad index

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Target Property Elevation: 1070 ft.

0 1/2 1 Miles

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
FORSYTH, GA	Not Available

Flood Plain Panel at Target Property: Not Reported

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
FLOWERY BRANCH	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Paleozoic
System:	Ordovian
Series:	Lower Paleozoic granitic rocks
Code:	Pzg1 *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Plutonic and Intrusive Rocks

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name:	DAVIDSON
Soil Surface Texture:	clay loam
Hydrologic Group:	Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
Soil Drainage Class:	Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel:	HIGH
Depth to Bedrock Min:	> 60 inches
Depth to Bedrock Max:	> 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	7 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 6.50 Min: 4.50
2	7 inches	12 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 6.50 Min: 4.50
3	12 inches	53 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 6.50 Min: 4.50
4	53 inches	72 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 6.50 Min: 4.50

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: sandy loam
sandy clay loam
gravelly - clay loam

Surficial Soil Types: sandy loam
sandy clay loam
gravelly - clay loam

Shallow Soil Types: clay
sandy clay
sandy clay loam
gravelly - clay loam

Deeper Soil Types: fine sandy loam
sandy loam
loamy sand
weathered bedrock

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

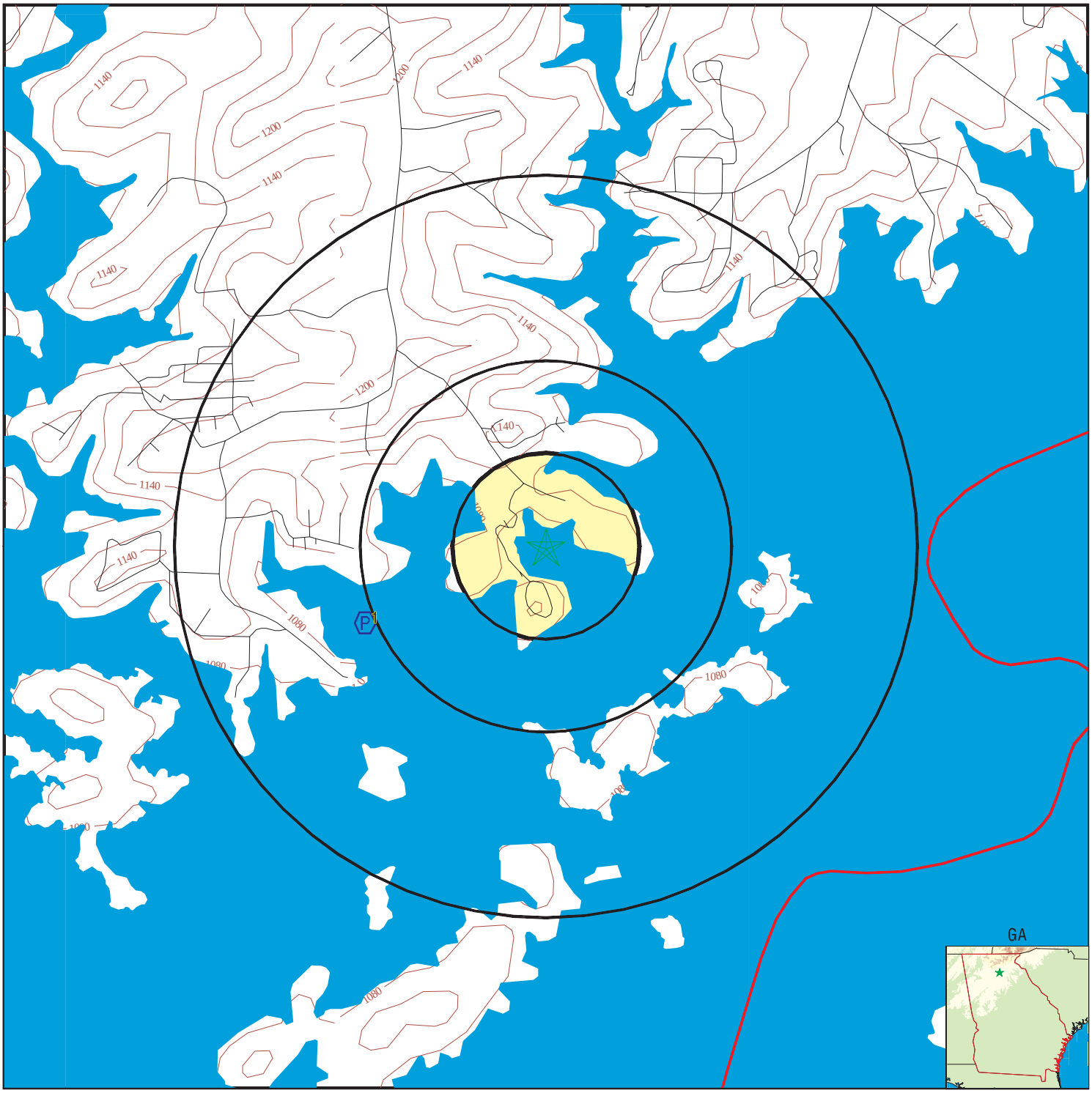
MAP ID	WELL ID	LOCATION FROM TP
1	GA1170020	1/2 - 1 Mile WSW

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 1531916.1s



County Boundary
Major Roads
Contour Lines
Earthquake epicenter, Richter 5 or greater
Water Wells
Public Water Supply Wells
Cluster of Multiple Icons

0 1/4 1/2 1 Miles

Groundwater Flow Direction
Indeterminate Groundwater Flow at Location
Groundwater Flow Varies at Location
Wildlife Areas

N

TARGET PROPERTY:	Bethel Park	CUSTOMER:	Ecological Solutions, Inc.
ADDRESS:	Bethel Rd	CONTACT:	Stephanie Kovac
CITY/STATE/ZIP:	GAINESVILLE GA 30506	INQUIRY #:	1531916.1s
LAT/LONG:	34.2267 / 83.9903	DATE:	October 13, 2005 12:40 pm

Copyright © 2005 EDR, Inc. © 2004 GDT, Inc. Rel. 07/2004. All Rights Reserved.

Map ID Direction Distance Elevation	Database	EDR ID Number
1 **WSW** **1/2 - 1 Mile** **Higher**	**FRDS PWS**	**GA1170020**

PWS ID:	GA1170020	PWS Status:	Active
Date Initiated:	Not Reported	Date Deactivated:	Not Reported
PWS Name:	LAKEWOOD ESTATES SUBDIVISION LAKEWOOD EST. S/D P.O. BOX 1216 CUMMING, GA 30130		
Addressee / Facility:	Not Reported		
Facility Latitude:	34 12 25	Facility Longitude:	084 08 25
Facility Latitude:	34 13 25	Facility Longitude:	083 59 56
City Served:	Not Reported		
Treatment Class:	Treated	Population:	00000057

PWS currently has or had major violation(s) or enforcement: No

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for FORSYTH County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 30506

Number of sites tested: 6

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.400 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	4.083 pCi/L	67%	33%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002. 7.5-Minute DEMs correspond to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW[R] Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

Georgia Public Supply Wells
Source: Georgia Department of Community Affairs
Telephone: 404-894-0127

USGS Georgia Water Wells
Source: USGS, Georgia District Office
Telephone: 770-903-9100

RADON

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration