



**CITY OF
MOUNT
DORA**

**Leisure Services
900 N. Donnelly St.
Mount Dora, FL 32757
352-735-7183
Fax: 352-735-3681
E-mail: parksandrec@cityofmoundora.com**

**PARKS AND RECREATION
ADVISORY BOARD MEETING
City Hall Board Room, 510 N. Baker Street, Mount Dora, FL 32757
March 21, 2022 at 5:30 PM**

AGENDA

- I. Call to Order
- II. Roll Call
- III. Approval of Minutes
 - A. February 24, 2022 Meeting Minutes
- IV. Public Comment
- V. Presentations
- VI. Action Items
- VII. Resolutions
- VIII. Ordinances
- IX. Discussion Items
 - A. Review of Resolution No. 2022-20, Task Authorization/Guaranteed Maximum Price (GMP) for CMAR Services - Cauley Lott Park (Evergreen Construction).
 - B. Parks and Recreation Strategic Review
- X. City Staff
 - A. Parks and Recreation Update
 - B. Cultural and Special Events Update
- XI. Communications and Reports
 - A. Board Member Kate Barnard

- B. Board Member Derrick Campbell
- C. Board Member Rick Cooper
- D. Board Member William Larkin
- E. Board Member Suzanne Scheck
- F. Board Member Alternate Marsha Blum
- G. Board Member Alternate Don Stuart
- H. Vice-chair Amy Fortenberry
- I. Chair Mark Woerner

XII. Future Meeting Dates

- A. April 18, 2022, 5:30 p.m.
- B. May 16, 2022, 5:30 p.m.
- C. June 20, 2022, 5:30 p.m.

XIII. Adjournment

NOTICE: Please note that, for purposes of Section 286.011, Florida Statutes, two or more members of the City Council may be present at this meeting, and this meeting may be considered a City Council meeting.

NOTICE: If any person decides to appeal any decisions at this meeting with respect to any matter considered, such person may need a record of these proceedings. For such purpose, a person may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based.

NOTICE: In accordance with the Americans With Disabilities Act of 1990, persons needing special accommodations to participate in this proceeding should contact Jennifer Schwarz no later than seven (7) days prior to the proceedings. (352) 735-7183 ext. 1605. for assistance. If hearing impaired, telephone the Florida Relay Service numbers (800) 955-8771 (TDD) or (800) 955-8770 (Voice) for assistance.

If you have any comments or question regarding the contents of this agenda packet, please call Jennifer Schwarz at (352) 735-7183 ext. 1605.



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Leisure Services
900 N. Donnelly St.
Mount Dora, FL 32757
352-735-7183
Fax: 352-735-3681
E-mail: parksandrec@cityofmountdora.com

DATE: March 21, 2022

TO: Parks and Recreation Advisory Board Members

FROM: Amy Jewell, Leisure Services Director

SUBJECT: February 24, 2022 Meeting Minutes

Introduction:

This is a request for the Parks and Recreation Advisory Board to approve meeting minutes.

Discussion:

Administrative staff prepare minutes and present them to the Advisory Board as an opportunity to make suggestions or corrections prior to final approval.

Budget Impact:

N/A

Strategic Impact:

N/A

Recommendation

Advisory Board approve minutes as transcribed.

Attachment(s):

1. PRAB Minutes 02-24-22_ADA

Prepared by: Jeanann Hand, Administrative Coordinator
Reviewed by: Troy Shonk, Leisure Services Administrator
Amy Jewell, Leisure Services Director

Approved - 3/10/2022
Final Approval - 3/10/2022

**CITY OF MOUNT DORA, FLORIDA
PARKS AND RECREATION
ADVISORY BOARD
MINUTES**



**February 24, 2022
City Hall
510 N. Baker St.
Mount Dora, FL 32757**

Call to Order

Having been duly advertised as required by law, Parks and Recreation Advisory Board Chairperson Mark Woerner called the meeting to order at 05:30 p.m. in the Mount Dora Council Chambers.

Roll Call

Members Present

Chairperson Mark Woerner, District 4
Suzanne Scheck, District 1
Derrick Campbell, District 2
William Larkin, District 5
Rick Cooper, At Large
Marsha Blum, District 1, Alternate

Also Present

Amy Jewell, Leisure Services Director
Troy Shonk, Leisure Services Manager
Chris Carson, Cultural and Special Events Manager
Jeanann Hand, Leisure Services Administrative Coordinator

Not Present

Vice-chairperson Amy Fortenberry, Mayoral Appointee
Kate Barnard, District 3

Approval of Minutes

A. January 20, 2022 Meeting Minutes

MOTION BY MR. CAMPBELL TO APPROVE THE JANUARY 20, 2022 MEETING MINUTES; MR. LARKIN SECONDED THE MOTION. MOTION APPROVED BY A ROLL CALL VOTE.

YES	Mr. Campbell Mr. Cooper Mr. Larkin Ms. Scheck Ms. Blum Chairperson Woerner
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NO	None
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Public Comment

Presentations

Action Items

Resolutions

Ordinances

Discussion Items

A. Parks and Recreation Strategic Review

Ms. Jewell and Mr. Shonk reviewed current project statuses. They referred Board members to page 132 of the Parks and Recreation Master Plan to track project completion and movement toward the Plan's goals.

Staff informed Board members about the progress of the Cauley Lott Park Renovation, the Kayak/Canoe Launch, the Library Parking Expansion, the Lincoln Pool Renovation, the Triangle Elementary Joint-use Playground, Ocala Mount Bike Association trail additions, the Children's Library Expansion, the Forest School Preserve, modifications to Stein/Chautauqua Parks, future land acquisitions, the Community Resource and Recreation Center, and the addition of pickleball courts at Summerview Park. Staff also mentioned projects that may be next according to the Plan's priority schedule.

This agenda item will be continued at next month's meeting.

Ms. Jewell provided information about Park Bonds.

Mr. Shonk asked Ms. Hand to request from the Leisure Services Operations Manager a report on Parks Impact Fees.

Members discussed various possible funding solutions.

City Staff

A. Parks and Recreation Update

Mr. Shonk spoke about plans for Summer Camp and other active and upcoming recreation programs.

B. Cultural and Special Events Update

Ms. Jewell mentioned the success of the Scottish Highland Festival. Mr. Carson spoke about the Highland Festival and the teamwork of City staff. He also informed members

about upcoming events.

Ms. Jewell directed Ms. Hand to send Board members an item from a recent Lake County Board of County Commissioners meeting agenda packet regarding an approved MOU between the City of Tavares, Lake County, and Advent Health.

Communications and Reports

- A. Board Member Kate Barnard
- B. Board Member Derrick Campbell
- C. Board Member Rick Cooper
- D. Board Member William Larkin

After Mr. Larkin inquired about the relationship between the City and the Lawn Bowling Club, Ms. Jewell directed Ms. Hand to send Board members information regarding the history of the Lawn Bowling Club and its relationship with the City of Mount Dora.

- E. Board Member Suzanne Scheck
- F. Board Member Alternate Marsha Blum

In response to a question from Ms. Blum, Ms. Jewell clarified the City currently has no immediate plan for a pavilion to be added to the dog park.

- G. Vice-chair Amy Fortenberry
- H. Chair Mark Woerner

Future Meeting Dates

- A. March 21, 2022, 5:30 p.m.

B. April 18, 2022, 5:30 p.m.

C. May 16, 2022, 5:30 p.m.

Adjournment

MOTION BY MR. LARKIN TO ADJOURN; SECONDED BY MR. CAMPBELL. MOTION APPROVED BY A UNANIMOUS VOICE VOTE.

The meeting adjourned at approximately 6:53 p.m.

***MR. MARK WOERNER, ADVISORY
BOARD CHAIR***

***MS. JEANANN HAND, LEISURE
SERVICES ADMINISTRATIVE
COORDINATOR***



CITY OF MOUNT DORA

Leisure Services
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Fax: 352-735-3681
E-mail: parksandrec@cityofmounddora.com

DATE: March 21, 2022

TO: Parks and Recreation Advisory Board Members

FROM: Amy Jewell, Leisure Services Director

SUBJECT: Review of Resolution No. 2022-20, Task Authorization/Guaranteed Maximum Price (GMP) for CMAR Services - Cauley Lott Park (Evergreen Construction).

Introduction:

This is an opportunity for Board members to review Resolution No. 2022-20, Task Authorization/Guaranteed Maximum Price (GMP) for CMAR Services - Cauley Lott Park (Evergreen Construction).

Discussion:

The Parks and Recreation Master Plan adopted by City Council in February 2019 identified the need for renovations at Cauley Lott & Lillie Park within 0-2 years. Several amenities are below expectations and require upgrading. In addition, numerous safety hazards are present at each of the Parks, much of it is not ADA accessible, and there is insufficient lighting at night, among other safety hazards.

To move forward with the renovation, in December 2019, Council approved a resolution accepting a matching grant of \$200,000 from the Land and Water Conservation Fund (LWCF) for improvements to Cauley Lott playground, basketball courts, and amphitheater, and the addition of a new picnic pavilion, walking trail, landscaping, and security lighting. Redevelopment of the park has received overwhelming support from the community.

On January 21, 2020, Council approved Resolution No. 2020-08, which authorized City staff to move forward with stakeholder meetings, a Park concept plan, engineering and design documents, and the permitting process through a scope of work with GAI Community Solutions Group. GAI then presented the first draft of the concept plan and order of magnitude cost estimate to the Northeast CRA and the Parks and Recreation Advisory Boards. At that time, both Boards were dissatisfied with the plan's lack of parking, but supported the plan's addition of lighting, renovated restrooms, and traffic calming measures on East Pine Avenue between Cauley Lott and the neighboring Lillie Park. GAI later came back with a revised plan addressing the parking request.

After City Council approved Resolution No. 2021-06 on January 19, 2021, to complete Phase 2 engineering by GAI Community Solutions Group, GAI, in September, produced 60% design and construction documents, the stage at which it had been agreed the City would review the plans to approve or make adjustments to bring the project through to completion. At that time, it was found that the current design exceeds the project budget. City staff met several times to decide upon alterations to the presented design that would alleviate the overage while still maintaining the objectives defined for the park renovation. Among the features under consideration for removal or adjustment was the covering for the basketball courts. This element was requested by the community, but its priority fell beneath other features integral to the park that must be upgraded for purposes of safety or necessity.

To assist with projected funding shortfalls, staff requested approval to apply for the African American Cultural and Historic Grant, and on November 16, 2021, City Council approved Resolution No. 2021-122 giving them authorization to do so. This grant, awarded by the Florida Department of State, provides funding for facilities that highlight the contributions, culture, or history of African-Americans, and it presented an excellent opportunity for the City to avoid eliminating project elements for which the community has expressed enthusiasm. The City was awarded the grant, which will now allow the covering for the basketball courts and other items requested by the community to remain as part of the renovation plan.

Staff selected citywide Construction Manager at Risk (CMAR) contractor Evergreen Construction to provide CMAR services on this project, as the early conceptual pricing by GAI was well under \$2 million. Conceptual pricing of the 60% construction drawings, completed in September 2021, totaled \$1,822,000. Following development of the 100% construction drawings in March 2022, Evergreen Construction presented a Guaranteed Maximum Price (GMP) totaling \$2,361,000 for construction of playground, basketball courts, and amphitheater, and the addition of a new picnic pavilion, walking trail, landscaping, and security lighting. Including both grants, available funding for the Cauley Lott Park project is \$1,882,638. In order to keep the project on schedule and minimize the available funding gap, staff met with Evergreen Construction to discuss value engineering options, including deletion of two smaller pavilions and associated elements, as well as deletion of mobius climber playground equipment. On March 15, 2022, Evergreen Construction incorporated the requested changes and presented an updated Guaranteed Maximum Price (GMP) totaling \$2,210,000. At March 15th's City Council meeting, staff requested that City Council waive the \$2 million limitation set forth in the original solicitation for the sole and exclusive purpose of completing the Cauley Lott Park project and to avoid the potential loss of the Florida Department of Environmental Protection, Land and Water Conservation grant, and Council approved Resolution No. 2022-20, Task Authorization/Guaranteed Maximum Price (GMP) of \$2,207,000. A budget amendment to cover the \$327,362 funding gap will be presented to City Council at a future meeting.

Please see the attached Resolution 2022-20 (an executed copy of which was not available at the time of this publishing), and Attachment 1 for the Cauley Lott 100% drawings, at this time provided without the Value Engineering Adjustments.

Budget Impact:

Funding for Cauley Lott Park is budgeted in account number 310-5555-563.00-00-CL2001.

Strategic Impact:

Renovations at Cauley Lott & Lillie Park are needed to meet basic level of service standards for neighborhood park amenities as established in the Parks and Recreation Master Plan. Park improvements will help redevelop the Northeast area, increase outdoor activity for children and adults, and enhance the community's quality of life, thereby promoting growth and economic prosperity for the community.

Recommendation Board members review Resolution No. 2022-20, Task Authorization/Guaranteed Maximum Price (GMP) for CMAR Services - Cauley Lott Park (Evergreen Construction).

Attachment(s):

1. Resolution 2022-20.Evegreen.GMP.Cauley Lott Park.SGS_ADA
2. Attachment 1 Cauley Lott.100% without VE Adjustments.GAI.03.15.22_ADA

Prepared by: Jeanann Hand, Administrative Coordinator
Reviewed by: Troy Shonk, Leisure Services Administrator

Final Approval - 3/16/2022

RESOLUTION NO. 2022-20

A RESOLUTION OF THE CITY OF MOUNT DORA, FLORIDA, PERTAINING TO THE GUARANTEED MAXIMUM PRICE FROM EVERGREEN CONSTRUCTION MANAGEMENT, INC.; PROVIDING FOR LEGISLATIVE FINDINGS AND INTENT; PROVIDING FOR WAIVER OF SOLICITATION LIMITATION AND APPROVAL OF TASK AUTHORIZATION; PROVIDING FOR THE IMPLEMENTATION OF ADMINISTRATIVE ACTIONS; PROVIDING A SAVINGS CLAUSE; PROVIDING FOR SCRIVENER'S ERRORS; PROVIDING FOR CONFLICTS; PROVIDING FOR SEVERABILITY; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, on December 17, 2019, the City adopted Resolution No.: 2019-191, accepting a matching grant from the Florida Department of Environmental Protection, Land and Water Conservation Fund for the needed renovations at Cauley Lott Park; and

WHEREAS, on January 21, 2020, the City adopted Resolution No.: 2020-08, which authorized a Task Authorization with GAI Consultants, Inc., (GAI) to perform the necessary concept plan and design services for the improvements to Cauley Lott Park, which was amended through the adoption of Resolution No.: 2021-06 approving the Amended Task Authorization with GAI in order to finalize the concept plan and design services for the desired renovations and improvements to Cauley Lott Park; and

WHEREAS, while the Cauley Lott Park project was being designed, the City competitively solicited for Construction Manager at Risk Services for the construction projects which are less than Two Million Dollars, pursuant to the City's Purchasing Policy and RFQ-19-GS-018 (Solicitation); and,

WHEREAS, on April 7, 2020, the City adopted Resolution No.: 2020-24, authorizing Agreements with three separate contractors, one of which was Evergreen Construction Management, Inc. (Evergreen); and

WHEREAS, the City has been working with Evergreen to secure a Guaranteed Maximum Price (GMP) for the Cauley Lott Park project and has finally been able to negotiate a sufficient reduction in the cost of the project; however, due to the market changes stemming from the COVID-19, pandemic, including material supplier pricing and delivery delays, the final GMP exceeds the Two Million Dollar limitation contemplated by the Solicitation; and

WHEREAS, if the City were to take additional time to issue a specific solicitation for constructing the Cauley Lott Park project, there is a potential risk that the City could lose the matching grant from the Florida Department of Environmental Protection, Land and Water Conservation Fund as well as experience additional cost increases due to market uncertainty; and

WHEREAS, the City has determined that it is in its best interest to waive the Two Million Dollar limitation set forth in the Solicitation for the sole and exclusive purpose of completing the Cauley Lott Park project and to avoid the potential loss of the Florida Department of Environmental Protection, Land and Water Conservation Fund grant.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY OF MOUNT DORA, FLORIDA, AS FOLLOWS:

SECTION 1. Legislative Findings and Intent. The City of Mount Dora has complied with all requirements and procedures of Florida law in processing this Resolution. The above recitals are hereby adopted.

SECTION 2. Waiver of Solicitation Limitation and Approval of Task Authorization.

A. The Two Million Dollar limitation included in RFQ-19-GS-018 is hereby waived for the sole purpose of completing the Cauley Lott Park project based on the specific and isolated circumstances surrounding the project, including the material supplier pricing and delivery delays.

B. The Task Authorization with Evergreen, attached hereto as **Exhibit “A”**, which sets the GMP, with certain special conditions, for the Cauley Lott Park project is hereby approved and the Mayor is authorized to execute the same on behalf of the City.

SECTION 3. Implementing Administrative Actions. The City Manager is hereby authorized and directed to take such actions as may be deemed necessary and appropriate in order to implement the provisions of this Resolution. The City Manager may, as deemed appropriate, necessary and convenient, delegate the powers of implementation as herein set forth to such City employees as deemed effectual and prudent.

SECTION 4. Savings Clause. All prior actions of the City pertaining to the GMP for the Cauley Lott Park project, as well as any and all matters relating thereto, are hereby ratified and affirmed consistent with the provisions of this Resolution.

SECTION 5. Scrivener’s Errors. Typographical errors and other matters of a similar nature that do not affect the intent of this Resolution, as determined by the City Clerk and City Attorney, may be corrected.

SECTION 6. Conflicts. All Resolutions or parts of Resolutions in conflict with any of the provisions of this Resolution are hereby repealed.

SECTION 7. Severability. If any Section or portion of a Section of this Resolution proves to be invalid, unlawful, or unconstitutional, it shall not be held to invalidate or impair the validity, force, or effect of any other Section or part of this Resolution.

SECTION 8. Effective Date. This Resolution shall become effective immediately upon its passage and adoption.

PASSED AND ADOPTED this ____ day of March, 2022.

CRISSY STILE
MAYOR of the City of Mount Dora

ATTEST:

Jessica Burnham
City Clerk

For the use and reliance of City of Mount Dora only.
Approved as to form and legality.

Sherry G. Sutphen
City Attorney

Exhibit “A”
Task Authorization
Evergreen Construction Management, Inc.
Project No.: 20-003

LOCATION OF PROJECT
LAKE COUNTY, FL

MAP OF FLORIDA

PREPARED BY



EB 9951

OCTOBER 2021

LEGAL DESCRIPTION:

ALT KEY: 1709016
THE SOUTHEAST 1/4 OF THE SOUTHWEST 1/4 OF THE NORTHEAST 1/4 OF THE NORTHWEST 1/4 OF SECTION 29, TOWNSHIP 19 SOUTH, RANGE 27 EAST, LAKE COUNTY, FLORIDA. ALSO KNOWN AS BLOCK 94 OF UNRECORDED FIRST ADDITION TO CITY OF MOUNT DORA, SURVEYED BY T.O. MOORHEAD AND APPROVED BY CITY COUNCIL OF MOUNT DORA AUGUST 21, 1956.

ALT KEY: 3814763
THE EAST 205 FEET OF BLOCK 107, SECTION 29, TOWNSHIP 29 SOUTH, RANGE 27 EAST, CITY OF MOUNT DORA, ACCORDING TO THE MAP OR PLAT THEREOF AS RECORDED IN PLAT BOOK 3, PAGE 37 THROUGH 43, PUBLIC RECORDS OF LAKE COUNTY, FLORIDA, LESS THE SOUTH 80 FEET THEREOF.

SUBJECT TO ALL OTHER EASEMENTS, RESTRICTIONS, RIGHTS-OF-WAY, RESERVATIONS OR RECORD AND TAXES ACCRUING
SUBSEQUENT TO DECEMBER 31, 2002.

PROJECT TEAM:

OWNER:
CITY OF MOUNT DORA
1995 DONNELLY STREET
MOUNT DORA, FL 32757
PHONE: (352) 735-7161 EXT. 3100
CONTACT: AMY JEWELL
EMAIL: JEWELLA@CI.MOUNT-DORA.FL.US

SURVEYOR:
BESH - BOOTH, ERN, STRAUGHAN & HIOTT, INC.
902 NORTH SINCLAIR AVENUE
TAVARES, FLORIDA 32778
MAITLAND, FL 32810
PHONE: (352) 343-8481
CONTACT: RONNIE A. FIGUEROA, PSM, GISP, MBA
EMAIL: RFIGUEROA@BESANDH.COM

GEOTECHNICAL ENGINEER:
ANDREYEV ENGINEERING, INC.
4055 ST. JOHNS PARKWAY
SANFORD, FL 32771
PHONE: (407) 330-7763
CONTACT: MARK L. JUNG
EMAIL: M.JUNG@ANDREYEVENGINEERING.COM

LANDSCAPE ARCHITECT:
COMMUNITY SOLUTIONS GROUP
GAI CONSULTANTS, INC.
618 E. SOUTH STREET, SUITE 700
ORLANDO, FL 32801
PHONE: (321) 319-3042
CONTACT: KEVIN AUST, PLA, LEED AP
EMAIL: K.AUST@GAICONSULTANTS.COM

UTILITY PROVIDERS:

POTABLE WATER:
CITY OF MOUNT DORA
900 NORTH DONNELLY STREET
MOUNT DORA, FL 32757
PH: (352) 735-7151

RECLAIMED WATER:
CITY OF MOUNT DORA
900 NORTH DONNELLY STREET
MOUNT DORA, FL 32757
PH: (352) 735-7151

SANITARY SEWER:
CITY OF MOUNT DORA
900 NORTH DONNELLY STREET
MOUNT DORA, FL 32757
PH: (352) 735-7151

STORMWATER:
CITY OF MOUNT DORA
900 NORTH DONNELLY STREET
MOUNT DORA, FL 32757
PH: (352) 735-7151

GAS:
TECO PEOPLES GAS
MEADOW ST.
LEESBURG, FL 34748
PH: (352) 728-9800

ELECTRIC:
CITY OF LEESBURG
2010 GRIFFIN ROAD
LEESBURG, FL 34748
PH: (352) 728-9830

FIBER& TELEPHONE:
CENTURYLINK
PO BOX 770339
WINTER GARDEN FL 34777
PH: (352) 326-1757

FIRE PROTECTION:
CITY OF LEESBURG FIRE DEPARTMENT
501 W. MEADOW ST.
LEEBSBURG, FL 34748
PH: (352) 728-9800



LOCATION MAP
NTS

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COMMUNITY
SOLUTIONS



618 E. SOUTH STREET
SUITE 700
ORLANDO, FL 32801
407 423-8398

CERTIFICATE OF AUTHORIZATION: EB9251

PROJECT

CAULEY LOTT PARK

1717 N. HIGHLAND STREET
MOUNT DORA, FL 32757

ISSUED FOR
PERMIT

CONSULTANTS

REVISION

PROJECT NUMBER A171115.02

DATE: 12/17/2021

DRAWN: ADL

CHECKED: WSL

APPROVED: WSL

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

SHEET TITLE

COVER

SHEET NUMBER

C-000

A GAI CONSULTANTS, INC. SERVICE GROUP

A GAI CONSULTANTS, INC. SERVICE GROUP

STORMWATER SYSTEM NOTES:

- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY INVERTS AND LOCATIONS OF THE EXISTING STORM SEWER SYSTEM PRIOR TO SUBMITTAL OF SHOP DRAWINGS AND CONSTRUCTION AND NOTIFY THE ENGINEER IF ANY DISCREPANCY IN INVERTS AND LOCATIONS EXIST.
- UNLESS OTHERWISE NOTED ON THE DRAWINGS, ALL CONSTRUCTION MATERIALS, METHODS, AND TESTING ARE TO CONFORM TO THE LATEST EDITION OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, AND ITS CURRENT SUPPLEMENTS AND STANDARD DRAWING INDEX, PLUS THE MUNICIPAL AUTHORITY'S ENGINEERING STANDARDS AND SPECIFICATIONS, AS APPLICABLE.
- THE CONTRACTOR SHALL SECURE ALL NECESSARY PERMITS AND PAY REQUIRED FEES AND COMPLY WITH LOCAL REGULATIONS APPLICABLE TO CONSTRUCTION OF STORM SEWER SYSTEM.
- THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS, PRODUCT INFORMATION/CUT SHEETS, AND/OR CERTIFICATIONS FOR ALL STORM WATER STRUCTURES, STORM SEWER PIPES, AND CONCRETE DESIGN MIX.
- THE CONTRACTOR SHALL MAKE ALL NECESSARY PROVISIONS TO MAINTAIN EXISTING STORM SEWER SYSTEM IN SERVICE.
- SURFACE DRAINAGE SHALL BE DIVERTED FROM EXCAVATIONS, AND STOCKPILE AREAS SUCH THAT PROPER SITE CONDITIONS ARE MAINTAINED AND EROSION DUE TO RAIN RUN-OFF OR SEEPAGE IS PREVENTED OR MINIMIZED.
- CONTRACTOR SHALL ADJUST THE EXISTING STORM MANHOLES AS REQUIRED TO MEET PROPOSED FINISHED GRADES. THE MANHOLES MAY BE LOWERED OR EXTENDED.
- POINTS OF CONNECTION TO BUILDING STORM DRAINAGE SYSTEM SHOWN ARE APPROXIMATE. REFER TO MEP PLANS FOR LOCATION AND CONNECTION REQUIREMENTS AND THE COST OF ADJUSTMENTS IS INCLUSIVE TO THE CONTRACTOR.
- ALL STORM SEWER SYSTEM COMPONENTS SHALL BE IN ACCORDANCE WITH FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS SERIES 200, UNLESS OTHERWISE NOTED ON PLANS.
- ALL STORM DRAINAGE STRUCTURE GRATES AND COVERS WITHIN VEHICLE TRAFFIC AREA SHALL BE TRAFFIC RATED FOR H-20 LOADINGS, UNLESS OTHERWISE NOTED ON PLANS. ALL STORM DRAINAGE STRUCTURES WITHIN NON-TRAFFIC AREAS SHALL BE CONSTRUCTED WITH PEDESTRIAN TRAFFIC BEARING GRATES.
- ALL DISTURBED SODDED AREAS IN THE VICINITY OF THE WORK SHALL BE RESTORED TO ITS ORIGINAL CONDITION.
- CONTRACTOR TO NOTIFY THE ENGINEER 48-HOURS IN ADVANCE TO SCHEDULE INSPECTIONS. THE STORM DRAINAGE PIPING STRUCTURES SHALL BE SUBJECT TO A VISUAL INSPECTION BY THE OWNER'S ENGINEER PRIOR TO THE PLACEMENT OF BACKFILL.
- THE STORM SYSTEM WILL BE RE-INSPECTED BY THE OWNER'S ENGINEER PRIOR TO APPROVAL FOR CERTIFICATE OF OCCUPANCY PURPOSES. ALL STORM PIPES NEED TO BE VIDEO TAPED (CCTV) AND LASER PROFILED IN ACCORDANCE WITH MUNICIPAL AND FDOT STANDARDS AND REGULATIONS.
- THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH AS-BUILT PLANS SIGNED AND SEALED BY A REGISTERED SURVEYOR UPON COMPLETION OF THE PROJECT. THE CONTRACTOR NEEDS TO PROVIDE CCTV VIDEO AND LASER PROFILE REPORT TO THE ENGINEER.

WATER MAIN SYSTEM NOTES:

- THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS, PRODUCT CUT SHEET AND/OR SPECIFICATIONS AND/OR CERTIFICATIONS FOR THE WATER LINE SYSTEM AND APPURTENANCES, I.E. GATE VALVES, FIRE HYDRANTS, FDC, PIV AND CHECK VALVES, PLUS CONCRETE DESIGN MIX, WHEN APPLICABLE.
- CONFLICTS BETWEEN UNDERGROUND UTILITIES, I.E. WATER, ELECTRICAL, COMMUNICATIONS, GAS, AND STORM OR SANITARY SEWERS SHALL BE RESOLVED BY ADJUSTING THE UNDERGROUND UTILITIES AS NECESSARY, AND IS INCLUSIVE IN CONTRACTORS COST. GRAVITY SEWERS SHALL NOT BE ADJUSTED WITHOUT PRIOR APPROVAL OF THE PROJECT'S ENGINEER.
- WATER MAINS SHALL HAVE A MINIMUM 36" OF COVER AND MAINTAIN SEPARATIONS IN CONFORMANCE TO THE FDEP PERMIT REQUIREMENTS (FAC 62-604-400). REFER TO THE WATER MAIN SEPARATION DETAIL. WATER MAINS SHALL BE CONSTRUCTED ABOVE SEWER LINES, UNLESS OTHERWISE SHOWN ON THE PLANS.
- DUCTILE IRON PIPE (DIP) MANUFACTURED TO ANSI/AWWA C151/A21.51, SUPPLIED WITH RUBBER GASKET PUSH-ON JOINTS IN ACCORDANCE WITH ANSI/AWWA C111/A21.11 WITH MINIMUM PRESSURE CLASS 350, AND CLASS 250 FOR PIPE LARGER THAN 12-INCHES, UNLESS OTHERWISE NOTED IN THE PLANS. ALL DIP SHALL BE CEMENT-MORTAR LINED PER ANSI/AWWA C104/A21.4 AND RECEIVE EXTERIOR BITUMINOUS COATING IN ACCORDANCE WITH ANSI/AWWA C151/A21.51. THE FINAL EXTERIOR COLOR SHALL BE BLUE FOR POTABLE WATER.
- POLYVINYL CHLORIDE (PVC) WATER MAIN PIPING SIZES 4" THROUGH 12" DIAMETER SHALL BE PRESSURE CLASS 150 (DR-18) CONFORMING TO ANSI/AWWA C900, UNLESS OTHERWISE SHOWN ON THE PLANS.
- POLYETHYLENE (PE) PIPE AND TUBING SIZES 1/2" THROUGH 3" DIAMETER SHALL BE PRESSURE CLASS 200 (DR-9) CONFORMING TO ANSI/AWWA C901-08, UNLESS OTHERWISE SHOWN ON THE PLANS.
- ALL WATER LINES SHALL BEAR THE "NSF" LOGO AND SHALL CONFORM TO THE UTILITY COMPANY'S (OUC) LIST OF APPROVED PRODUCTS.
- DIP AND FITTINGS PLACED WITHIN 50-FT OF EXISTING GAS MAINS SHALL BE POLYETHYLENE ENCASED.
- ALL NON-METALLIC WATER MAIN PIPES INSTALLED SHALL HAVE PROVISIONS FOR ELECTROMAGNETIC DETECTION CONFORMING TO THE REQUIREMENTS OF THE UTILITY COMPANY.
- DUCTILE IRON FITTINGS SHALL CONFORM TO ANSI/AWWA C110/A21.10, WITH 250 PSI WORKING PRESSURE RATING. FITTINGS SHALL BE CEMENT MORTAR LINED AND BITUMINOUS COATED EXTERIOR IN ACCORDANCE WITH ANSI/AWWA C104/A21.4. UNLESS OTHERWISE DIRECTED BY THE ENGINEER, THESE FITTINGS SHALL INCORPORATE RESTRAINED RINGS, SUCH AS "MEGA-LUGS" OR OTHER APPROVED EQUIVALENT MECHANICAL DEVICE.
- THE TYPE OF VALVE BOXES/VALVE COVERS, SHALL BE IN ACCORDANCE WITH THE MUNICIPAL AND UTILITY COMPANY STANDARDS, UNLESS INDICATED OTHERWISE ON THE DRAWINGS OR SPECIFICATIONS. ALL FASTENERS MUST BE MANUFACTURED OF NON-CORROSIVE MATERIALS.
- THRUST BLOCKING SHALL BE PROVIDED AT ALL FITTINGS AND HYDRANTS AS REQUIRED. CONCRETE ENCASEMENT OF PIPES IS NOT PERMITTED.
- POINTS OF CONNECTION OF THE SITE WATER SERVICE, I.E. POTABLE, FIRE AND IRRIGATION, SHALL COINCIDE WITH BUILDING PLUMBING AND/OR FIRE PROTECTION PLANS AND/OR IRRIGATION PLANS, AS APPLICABLE. CONNECTION LOCATIONS SHOWN ON THESE PLANS ARE APPROXIMATE.
- FIRE LINES TO BUILDINGS WITH FIRE SPRINKLER SYSTEMS SHALL BE INSTALLED BY A CONTRACTOR DULY LICENSED BY THE STATE FIRE MARSHAL'S OFFICE. THE PRIVATE SERVICE FIRE MAIN SYSTEM MUST COMPLY WITH NFPA 24 "INSTALLATION OF PRIVATE SERVICE FIRE MAINS AND THEIR APPURTENANCES, EDITION 2010". WHEN USING PVC PIPES LINES MUST BE A MIN. PRESSURE CLASS 200 (DR-14) AND FULLY RESTRAINED.
- CONTRACTOR TO INSTALL TEMPORARY BLOWOFFS AT THE END OF WATER SERVICE LATERALS TO BUILDINGS TO ASSURE ADEQUATE FLUSHING AND DISINFECTION.
- THE CONTRACTOR SHALL PROVIDE APPLICABLE TEST RESULTS AND AS-BUILT PLANS CERTIFIED BY A REGISTERED SURVEYOR FOR THE PURPOSE OF CERTIFICATIONS REQUIRED BY THE FDEP OR ANY OTHER GOVERNING AGENCY HAVING JURISDICTION.
- TESTING AND CERTIFICATION SHALL INCLUDE BUT ARE NOT LIMITED TO THE WATER LINE INSTALLATION BACKFILL AND COMPACTION, HYDROSTATIC AND BACTERIOLOGICAL TESTING, PLUS FLUSHING AND CHLORINATION OF WATER MAIN. CONTRACTOR SHALL PROVIDE ALL TEMPORARY DEVICES, I.E. RESTRAINS, BRACING, PLUGS, ETC., NECESSARY TO SUCCESSFULLY COMPLETE REQUIRED TESTING.
- ALL COMPONENTS OF THE WATER SYSTEM, INCLUDING FITTINGS, HYDRANTS, CONNECTIONS AND VALVES SHALL REMAIN UNCOVERED UNTIL PROPERLY TESTED AND VISUALLY INSPECTED AND ACCEPTED BY THE OWNER'S ENGINEER. COPIES OF ALL BACTERIOLOGICAL TESTING, HYDROSTATIC TESTING AND AS-BUILT PLANS SHALL BE SUBMITTED TO OWNER'S ENGINEER.
- WATER MAIN SHALL NOT BE PLACED IN SERVICE UNTIL A CLEARANCE LETTER/CERTIFICATION OF COMPLETION IS RECEIVED FROM FDEP FOR THE PROJECT.

MAINTENANCE AND OPERATION INSTRUCTIONS FOR STORMWATER FACILITY:

- AT LEAST TWICE A YEAR PERFORM THE FOLLOWING: A) INSPECT INLETS, DRAINAGE PIPES AND STORM MANHOLES FOR ACCUMULATED SILT, SAND, OR DEBRIS, AND REMOVE EXCESSIVE BUILD-UP OF DEBRIS. B) INSPECT ALL DRAINAGE STRUCTURES FOR DAMAGE, AND REPAIR ANY DAMAGE. C) INSPECT EXFILTRATION SYSTEM AND REMOVE ACCUMULATED DEBRIS. IT IS RECOMMENDED THAT THE OWNER KEEP A LOG OF INSPECTION AND MAINTENANCE ACTIVITIES.
- IF EXCESS STORM WATER PONDING IS OBSERVED FOR A PERIOD EXCEEDING 72-HOURS AFTER LAST RAINFALL, CHECK THE STRUCTURE OPENINGS FOR OBSTRUCTION AND PIPES FOR POSSIBLE ACCUMULATED DEBRIS. IF NO EVIDENCE OF OBSTRUCTION AND/OR ACCUMULATED DEBRIS EXIST, CONTACT THE ENGINEER OF RECORD.
- FOR PERIODIC MAINTENANCE, THE SYSTEM SHOULD BE THOROUGHLY CLEANED WHEN INSPECTION REVEALS ACCUMULATED SEDIMENT.

SANITARY SEWER NOTES:

- ALL SANITARY SEWER MAINS, LATERALS AND FORCE MAINS SHALL HAVE A MINIMUM OF 36-INCHES OF COVER.
- PVC GRAVITY SANITARY SEWER PIPE SHALL BE SDR-26, IN ACCORDANCE WITH ASTM D 3034. ELASTOMERIC GASKET JOINTS IN ACCORDANCE WITH ASTM D3212 SHALL BE UTILIZED, UNLESS OTHERWISE NOTED ON PLANS.
- DUCTILE IRON PIPE AND FITTINGS SHALL BE CLASS 350 FOR 4" THOROUGH 12" INCH PIPE DIAMETERS, DI PIPE SHALL BE ANSI A2 1.51 (AWWA C 151). FITTINGS SHALL BE DUCTILE IRON OR CAST IRON ANSI/AWWA C110. LINING SHALL BE CERAMIC EPOXY SUCH AS "SP2000" OR "PROTECTO 401". EXTERIOR COATING SHALL BE BITUMINOUS.
- POINTS OF CONNECTION FOR THE SANITARY SEWER LINES ARE TO BE COORDINATED WITH THE BUILDING PLUMBING PLANS. SANITARY SERVICE CONNECTION LOCATIONS SHOWN ON THESE PLANS ARE APPROXIMATE.
- PRIOR TO COMMENCING WORK WHICH REQUIRES CONNECTING NEW SANITARY SEWER LINES TO EXISTING LINES OR APPURTENANCES, THE CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF EXISTING LINE AT THE POINT OF CONNECTION AND NOTIFY OWNER'S ENGINEER OF ANY CONFLICTS OR DISCREPANCIES WITH DESIGN INFORMATION SHOWN IN THESE PLANS.
- PROVIDE ADDITIONAL SHOP DRAWINGS OF SANITARY SEWER COMPONENTS TO THE MUNICIPALITY FOR WASTEWATER DIVISION REVIEW FOR THOSE COMPONENTS TO BE DEDICATED TO THE MUNICIPALITY.
- ALL GRAVITY SEWER PIPING SHALL BE SUBJECT TO A VISUAL INSPECTION BY THE OWNER'S ENGINEER PRIOR TO PLACEMENT OF BASE AND PAVING AND AGAIN PRIOR TO OBTAINING CERTIFICATE OF OCCUPANCY. CONTRACTOR SHALL NOTIFY THE ENGINEER 48-HOURS IN ADVANCE TO SCHEDULE INSPECTIONS.
- EXISTING SERVICES MUST NOT BE INTERRUPTED. WHEN APPLICABLE, THE CONTRACTOR SHALL DEVELOP A PLAN TO MAINTAIN SERVICES AND SEEK ENGINEER'S AND MUNICIPALITY'S APPROVAL OF THE PLAN PRIOR TO COMMENCING SEWER REPLACEMENT WORK.
- CCTV TESTING: CLOSED CIRCUIT TV INSPECTION OF THE SANITARY SEWER MAINS IS REQUIRED.
- LEAKAGE TEST: PERFORM LOW-PRESSURE AIR LEAKAGE TESTING PER ASTM F1417 REGARDLESS OF PIPE MATERIAL, WHICH SPECIFIES A 3.5 PSI AIR PRESSURE BE HELD FOR A SPECIFIED LENGTH OF TIME BASED ON THE PIPE DIAMETER WITH A MAXIMUM 0.5 PSI PRESSURE DROP. SEE ASTM F1417 TABLE 2.1.
- MANDREL TESTING FOR PIPE DEFLECTION TESTING MAY BE REQUIRED AT THE REQUEST OF THE ENGINEER OR MUNICIPAL REPRESENTATIVE, PENDING REVIEW OF CCTV TEST RESULTS. NO PIPE SHALL EXCEED A DEFLECTION OF 5%. CONTRACTOR IS RESPONSIBLE FOR COST OF MANDREL TESTING AND SUBSEQUENT REQUIRED REPAIRS.
- AS-BUILT DRAWINGS CERTIFIED BY A FL REGISTERED SURVEYOR AND IN CONFORMANCE WITH THE MUNICIPALITY'S REQUIREMENTS SHALL BE PROVIDED TO THE MUNICIPALITY FOR REVIEW BY THE WASTEWATER DIVISION PRIOR TO ACCEPTANCE.
- THE CONTRACTOR SHALL PROVIDE AS-BUILT DRAWINGS OF SANITARY SEWER TO THE ENGINEER UPON COMPLETION OF THE SANITARY SEWER LINES. SANITARY SEWER LINES SHALL NOT BE PLACED IN SERVICE UNTIL A CLEARANCE LETTER/CERTIFICATION OF COMPLETION IS SECURED FROM FDEP FOR THE PROJECT.

STRIPING AND SIGNAGE NOTES

- SIGNING AND PAVEMENT MARKINGS TO BE DONE IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), AND THE FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS.
- COORDINATE AND PROVIDE FOR THE DISPOSITION AND PER PLAN REMOVAL OF EXISTING SIGNS WITH THE MUNICIPAL AUTHORITY.
- EXISTING SIGNS THAT ARE TO REMAIN SHALL BE PROTECTED AND VISIBLE DURING THE COURSE OF CONSTRUCTION. EXISTING SIGNS WHICH ARE TO BE RELOCATED AND ARE DAMAGED BY THE CONTRACTOR SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER/MUNICIPALITY.
- CAUTION SHALL BE EXERCISED IN THE INSTALLATION OF POST MOUNTED ROAD SIDE SIGNS IN ORDER TO PREVENT DAMAGE TO BURIED UTILITIES. LOCATIONS SHALL CONFORM TO FDOT INDEX 700-010.
- ENGINEER TO BE NOTIFIED WHEN SIGN ASSEMBLY LOCATIONS SHOWN ON THE PLANS ARE IN CONFLICT WITH SIGNALS, LIGHTING, UTILITIES, ETC. LOCATION MAY BE SLIGHTLY ADJUSTED AS DIRECTED BY THE ENGINEER.
- SIGNS SHALL BE CONSTRUCTED WITH TYPE III B HIGH PERFORMANCE PRISMATIC REFLECTIVE SHEETING, EXCEPT FOR "STOP", "WRONG-WAY", AND "DO-NOT-ENTER" WHICH SHALL BE TYPE VII SHEETING.
- SIGN POST FOR ANY SINGLE COLUMN SIGNS SHALL BE A MINIMUM OF 3" DIA. CONFORMING TO FDOT INDEX 700-010 AND LISTED IN THE FDOT'S QUALIFIED PRODUCTS LIST (QPL). THE CONTRACTOR SHALL FIELD VERIFY THE LENGTH OF SIGN COLUMN SUPPORTS PRIOR TO FABRICATION.
- ALL SURFACES SHALL BE CLEANED PRIOR TO THE START OF INSTALLATION OF ALL PAVEMENT MARKINGS.
- REMOVAL OF EXISTING PAVEMENT MARKINGS SHALL BE ACCOMPLISHED BY WATER BLASTING, OR OTHER APPROVED METHOD THAT WILL NOT MATERIALLY DAMAGE THE SURFACE TEXTURE OF THE PAVEMENT, AND WILL FULLY ELIMINATE ANY TRACE OF THE PREVIOUS MARKINGS. METHOD USED MUST RECEIVE PRE-APPROVAL OF THE MUNICIPAL AUTHORITY.
- PAINTED PAVEMENT MARKINGS SHALL BE INSTALLED ON THE FINAL ASPHALT SURFACE DURING THE INITIAL 30-DAY CURE PERIOD, AND FINAL THERMOPLASTIC PAVEMENT MARKINGS SHALL BE INSTALLED AFTER THE 30-DAY CURING PERIOD. PAINTED PAVEMENT MARKINGS SHALL CONFORM TO FDOT SPEC. SECTION 710, AND THERMOPLASTIC TO SECTION 711.
- PLACEMENT OF TURN ARROWS SHALL CONFORM TO FDOT INDEX 711-001.
- CROSSWALKS SHALL BE 10-1F WIDE UNLESS OTHERWISE SHOWN ON THE PLANS, AND SHALL CONFORM TO FDOT INDEX 711-001.
- ALL PERMANENT STRIPING SHALL BE INSTALLED PRIOR TO RETRO-REFLECTIVE PAVEMENT MARKERS (RPMS) INSTALLATION. PLACEMENT OF RPMS SHALL CONFORM TO FDOT STANDARD 17352.
- CONTRACTOR SHALL COORDINATE WITH THE LOCAL PUBLIC TRANSIT AGENCY FOR BUS STOP OR RESPECTIVE SIGNS TO BE REMOVED OR RELOCATED.

ABBREVIATIONS:

A.D.A. - AMERICAN DISABILITY ACT
FDEP - FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
FDOT - FLORIDA DEPARTMENT OF TRANSPORTATION
MUNICIPALITY - CITY OF MOUNT DORA
FOR STANDARD ABBREVIATIONS REFER TO THE FDOT STANDARD INDEX 001, UNLESS OTHERWISE NOTED ON PLANS.



618 E. SOUTH STREET
SUITE 700
ORLANDO, FL 32801
407 423-8398
CERTIFICATE OF AUTHORIZATION EB9891

PROJECT
**CAULEY LOTT
PARK**

1717 N. HIGHLAND STREET,
MOUNT DORA, FL 32757

ISSUED FOR
PERMIT

CONSULTANTS

REVISIONS:	

PROJECT NUMBER	A171118.07
DATE	12/17/2024
DRAWN	ADL
CHECKED	WSL
APPROVED	WSL
REVISIONS	

SHEET TITLE
**GENERAL
NOTES**

SHEET NUMBER
C-002

A GAI CONSULTANTS, INC. SERVICE GROUP

- ### GENERAL CONSTRUCTION NOTES

- TEMPORARY PROTECTION NOTES:

- C-003

THE CONTRACTOR MUST IMPLEMENT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES REQUIRED TO RETAIN SEDIMENT ON-SITE AND TO PREVENT VIOLATIONS OF THE WATER QUALITY CRITERIA AND STANDARDS IN CHAPTERS 62-4, 62-302, F.A.C. ALL EROSION/SEDIMENT CONTROL PRACTICES MUST BE IN ACCORDANCE WITH THE GUIDELINES AND SPECIFICATIONS IN SECTION 6 OF THE FLORIDA LAND DEVELOPMENT MANUAL: A GUIDE TO SOUND LAND AND WATER MANAGEMENT (FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION 1988), AS WELL AS THE FLORIDA STORMWATER, EROSION AND SEDIMENTATION CONTROL INSPECTORS HANDBOOK, UNLESS A PROJECT-SPECIFIC EROSION AND SEDIMENTATION CONTROL PLAN IS APPROVED BY THE WATER MANAGEMENT DISTRICT IN WHICH CASE, THE PRACTICES MUST BE IN ACCORDANCE WITH THE PLAN. IF, SITE SPECIFIC CONDITIONS REQUIRE THE CONTRACTOR TO TAKE ADDITIONAL EROSION AND SEDIMENTATION CONTROL MEASURES OR OPERATION TO PREVENT EROSION OR CONTROL SEDIMENT, THE CONTRACTOR MUST IMPLEMENT THE NECESSARY ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES.

- ### CONTRACTOR CERTIFICATION

SIGNATURE	DATE
PROJECT MANAGER	
NAME AND TITLE	
COMPANY	
ADDRESS (CONTRACTING FIRM)	
ADDRESS (CONSTRUCTION SITE)	
TELEPHONE:	
AREA CODE	NUMBER

"I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT THAT AUTHORIZES THE STORM WATER DISCHARGES ASSOCIATED WITH THE INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS A PART OF THIS CERTIFICATION."

COMMUNITY
SOLUTIONS



618 E. SOUTH STREET
SUITE 700
ORLANDO, FL 32801
407 423-8398

PROJECT
CAULEY LOTT
PARK

1717 N. HIGHLAND STREET,
MOUNT DORA, FL 32757

ISSUED FOR
PERMIT

CONSULTANTS

[illegible]

PROJECT NUMBER	A171115.07
DATE:	12/17/2021
DRAWN:	ADL
CHECKED:	WSL
APPROVED:	WSL
REGISTRATION	

SWPPP NOTES

SHEET NUMBER
C-003

A GAI CONSULTANTS, INC. SERVICE GROUP

STORMWATER POLLUTION PREVENTION NOTES:

LOCATION: THE 3.07 +/- ACRE SITE IS LOCATED IN THE CITY OF MOUNT DORA, LAKE COUNTY, FLORIDA

LIMITS OF CONSTRUCTION: 3.07± ACRES WILL BE DISTURBED DURING CONSTRUCTION.

CONSTRUCTION ACTIVITIES: CLEARING AND GRUBBING OF EXISTING SITE; GRADING OPERATIONS; UTILITY INSTALLATION; CONSTRUCTION OF STORM SEWER; CONSTRUCTION OF A BUILDING AND AMENITIES.

SOIL TYPES: POMPANO SAND (42), ST. LUCIE SAND, 0 TO 8 PERCENT SLOPES (43) & TAVARES SAND, 0 TO 5 PERCENT SLOPES (45) ACCORDING TO THE USDA NRCS SOIL SURVEY OF LAKE COUNTY.

GENERAL CONSTRUCTION SEQUENCE:

1. INSTALL SILT FENCE AROUND PERIMETER OF SITE. PROVIDE MINIMUM SITE DEMOLITION REQUIRED TO INSTALL SILT FENCE. INSTALL TEMP INLET PROTECTION.
2. GENERAL SITE CLEARING AND GRUBBING, AND DEMOLITION.
3. ROUGH GRADE SITE.
4. INSTALL UNDERGROUND UTILITIES.
5. INSTALL STORMWATER DRAINAGE.
6. CONSTRUCT BUILDING.
7. INSTALL LANDSCAPING.
8. REMOVE TEMP. PROTECTION SYSTEMS.

STORMWATER DISCHARGE:

STORMWATER WILL DISCHARGE TO THE CITY OF MOUNT DORA STORM SEWER SYSTEM AND WILL ULTIMATELY DISCHARGE TO LAKE DORA.

DEVELOPER CONTACT INFORMATION

CITY OF MOUNT DORA
1995 DONNELLY STREET
MOUNT DORA, FL 32757
PHONE: (352) 735-7161

CAULEY LOTT PARK
CITY OF MOUNT DORA, FL

STORM WATER POLLUTION PREVENTION PLAN
INSPECTION AND MAINTENANCE REPORT FORM
TO BE COMPLETED EVERY 7 DAYS AND WITHIN 24 HOURS OF
A RAINFALL EVENT OF 0.25 INCHES OR MORE

INSPECTOR: _____ DATE: _____
INSPECTOR'S QUALIFICATIONS: _____

DAYS SINCE LAST RAINFALL: _____ AMOUNT OF LAST RAINFALL: _____ INCHES

STABILIZATION MEASURES

INSPECTION AREA (DESCRIPTION OF LOCATION)	DATE SINCE LAST DISTURBED	DATE OF NEXT DISTURBANCE	STABILIZED? (YES/NO)	STABILIZED WITH	CONDITION

STABILIZATION REQUIRED: _____

TO BE PERFORMED BY: _____ ON OR BEFORE: _____

PAGE 1 OF 4

CAULEY LOTT PARK
CITY OF MOUNT DORA, FL

STORM WATER POLLUTION PREVENTION PLAN
INSPECTION AND MAINTENANCE REPORT FORM
SEDIMENT BASIN

DEPTH OF SEDIMENT IN BASIN	DEPTH OF SEDIMENT SIDE BASIN	ANY EVIDENCE OF OVERTOPPING OF THE EMBANKMENT ?	CONDITION OF OUTFALL FROM SEDIMENT BASIN

MAINTENANCE REQUIRED FOR SEDIMENT BASIN: _____

TO BE PERFORMED BY: _____ ON OR BEFORE: _____

OTHER CONTROLS

STABILIZED CONSTRUCTION ENTRANCE

DOES MUCH SEDIMENT GET TRACKED ON TO ROAD ?	IS THE GRAVEL CLEAN OR IS IT FILLED WITH SEDIMENT?	DOES ALL TRAFFIC USE THE STABILIZED ENTRANCE TO LEAVE THE SITE ?	IS THE CULVERT BENEATH THE ENTRANCE WORKING? (IF APPLICABLE)

MAINTENANCE REQUIRED FOR STABILIZED CONSTRUCTION ENTRANCE: _____

TO BE PERFORMED BY: _____ ON OR BEFORE: _____

PAGE 3 OF 4

CAULEY LOTT PARK
CITY OF MOUNT DORA, FL

STORM WATER POLLUTION PREVENTION PLAN
INSPECTION AND MAINTENANCE REPORT FORM

STRUCTURAL CONTROLS

DATE: _____

EARTH DIKES/SWALES

DIKE OR SWALE	FROM	TO	IS DIKE/SWALE STABILIZED ?	IS THERE EVIDENCE OF WASHOUT OR OVERTOPPING

MAINTENANCE REQUIRED FOR EARTH DIKE/SWALE: _____

TO BE PERFORMED BY: _____ ON OR BEFORE: _____

CATCH BASIN/CURB INLET/OUTFALL TURBIDITY CONTROLS

STRUCTURE/ OUTFALL	ARE TURBIDITY CONTROLS IN PLACE	ANY EVIDENCE OF CLOGGING/WASHOUT OR BYPASSING ?	ARE TURBIDITY CONTROLS IN NEED OF REPLACING	DOES SILT NEED TO BE REMOVED FROM AROUND CONTROL

MAINTENANCE REQUIRED FOR CATCH BASIN/CURB INLETS/OUTFALLS TURBIDITY CONTROLS: _____

TO BE PERFORMED BY: _____ ON OR BEFORE: _____

PAGE 2 OF 4

CAULEY LOTT PARK
CITY OF MOUNT DORA, FL

STORM WATER POLLUTION PREVENTION PLAN
INSPECTION AND MAINTENANCE REPORT FORM

CHANGES REQUIRED TO THE POLLUTION PREVENTION PLAN:

REASONS FOR CHANGES:

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED, BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

SIGNATURE: _____
DATE: _____

PAGE 4 OF 4



618 E. SOUTH STREET
SUITE 700
ORLANDO, FL 32801
407 423-8398
CERTIFICATE OF AUTHORIZATION: E8891

PROJECT
CAULEY LOTT
PARK

1717 N. HIGHLAND STREET,
MOUNT DORA, FL 32757

ISSUED FOR
PERMIT

CONSULTANTS

REVISIONS:

PROJECT NUMBER: A171115.07
DATE: 12/17/2021
DRAWN: ADL
CHECKED: WSL
APPROVED: WSL

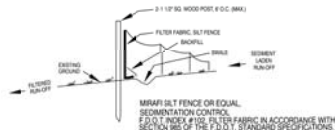
REGISTRATION

SHEET TITLE
SWPPP NOTES

SHEET NUMBER
C-004

A GAI CONSULTANTS, INC. SERVICE GROUP

Z:\WP\A\2017\07111507 - CAULEY & LUE\WP\CAULEY\PRODUCTION DRAWINGS\07111507 - C-005 - GENERAL NOTELING
is hereby acknowledged and approved, and is submitted by electronic means, and is hereby acknowledged and approved, and is hereby acknowledged and approved.



- NOTES:
1. TEMPORARY EROSION CONTROL STRUCTURE TO BE UTILIZED DURING CONSTRUCTION AT AREAS TEMPORARILY EXPOSED OR AREAS WHERE INSTALLED GRADES MAY CAUSE EROSION PROBLEMS. EROSION CONTROL STRUCTURE MAY BE REMOVED AT THE DISCRETION OF THE ENGINEER IF THE AREA HAS BEEN STABILIZED BY SOIL OR COMPACTED AS DETERMINED BY THE ENGINEER.
 2. CONSTRUCTION OF EROSION CONTROL STRUCTURES SHALL BE IN ACCORDANCE WITH THE FOLLOWING DETAIL.
 3. PROTECT SYSTEM FROM SILTING AND DEBRIS BY METHODS PROVIDED IN DETAIL.
 4. PROTECT SHALE BOTTOM FROM SEALING BY EXCAVATING ALL ON SITE DURING CONSTRUCTION. THIS SHALL BE DONE BEFORE SOIL & SEEDING & MULCHING IS FINISHED.

EROSION CONTROL STRUCTURE

NOT TO SCALE

THE FOLLOWING LIST REPRESENTS A BASIC EROSION AND SEDIMENT CONTROL PROGRAM WHICH IS TO BE IMPLEMENTED TO HELP PREVENT OFF-SITE SEDIMENTATION DURING AND AFTER CONSTRUCTION OF THE PROJECT.

PERMANENT EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED AT THE EARLIEST PRACTICAL TIME CONSISTENT WITH GOOD CONSTRUCTION PRACTICES. ONE OF THE FIRST CONSTRUCTION ACTIVITIES SHOULD BE THE PLACEMENT OF PERMANENT AND TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES AROUND THE PERIMETER OF THE PROJECT OR THE INITIAL WORK AREA TO PROTECT THE PROJECT ADJACENT PROPERTIES AND WATER RESOURCES.

TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE COORDINATED WITH PERMANENT MEASURES TO ASSURE ECONOMIC, EFFECTIVE, AND CONTINUOUS CONTROL THROUGHOUT THE CONSTRUCTION PHASE. TEMPORARY MEASURES SHALL NOT BE CONSTRUCTED FOR EFFICIENCY IN LIEU OF PERMANENT MEASURES.

EROSION AND SEDIMENT CONTROL MEASURES SHALL BE ADEQUATELY MAINTAINED TO PERFORM THEIR INTENDED FUNCTION DURING CONSTRUCTION OF THE PROJECT.

NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT OF BARRIERS SHALL BE ACCOMPLISHED PROMPTLY.

SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH RAINFALL. THEY MUST BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIERS.

MATERIAL FROM SEDIMENT BARRIERS SHALL NOT BE STOCKPILED OR DISPOSED OF IN A MANNER WHICH MAKES THEM READILY SUSCEPTIBLE TO BEING WASHED INTO ANY WATERCOURSE BY RUNOFF OR HIGH WATER.

ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED AND REPAIRED AS NECESSARY. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED AND REPAIRED AS NECESSARY TO THE EXISTING GRADE, PREPARED AND DESIGNED.

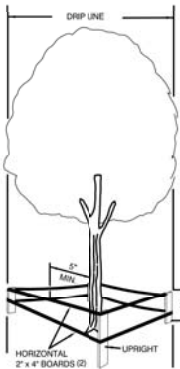


EROSION CONTROL DETAIL

GU0020-1

ISSUED: 2017

REVISED: -



NOTE:
BARRIER MUST BE ERECTED PRIOR TO CONSTRUCTION

WHY A BARRIER?

1. TO PROTECT ALL ABOVE GROUND PORTIONS
2. TO PROTECT SOIL NEAR TREE FROM COMPACTION
3. PROVIDES PHYSICAL AND MENTAL AWARENESS OF TREES PRESENCE TO EQUIPMENT OPERATORS

WHY IT WORKS

1. NO HEAVY EQUIPMENT ALLOWED INSIDE BARRIER, ONLY HAND LABOR
2. NO CONSTRUCTION MATERIALS OR TEMPORARY SOIL DEPOSITS ALLOWED INSIDE THIS AREA

BY OBSERVING THESE TWO SIMPLE PRINCIPLES, A TREE'S CHANCE FOR SURVIVAL IS GREATLY ENHANCED

SPECIFICATIONS FOR WOOD BARRIER

1. MINIMUM RADIUS TO BE PROTECTED IS ENTIRE DRIP LINE
2. MINIMUM 3' IN HEIGHT
3. UPRIGHTS- THE EQUIVALENT OF 2"x4" LUMBER ON 6' MINIMUM CENTERS
4. HORIZONTAL- THE EQUIVALENT OF TWO COURSES OF 2' x 4" LUMBER PAINTED SAFETY YELLOW
5. BARRIERS TO BE ERECTED AROUND TREES TO REMAIN BEFORE CONSTRUCTION OR NEARBY TREES ARE REMOVED
6. BARRIERS TO REMAIN IN PLACE UNTIL ALL PAVING, CONSTRUCTION AND HEAVY EQUIPMENT IS OUT OF AREA

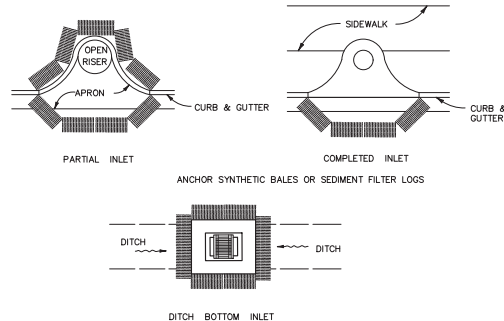


TREE PROTECTION MEASURES

GU0023-1

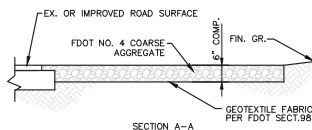
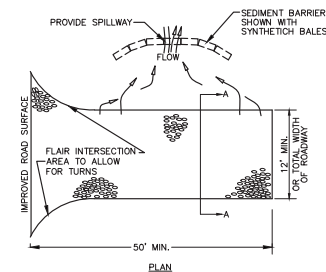
ISSUED: 2017

REVISED: - 2019



1 PROTECTION AROUND INLETS OR SIMILAR STRUCTURES

N.T.S.



2 ROCK CONSTRUCTION ENTRANCE DETAIL

N.T.S.



618 E. SOUTH STREET
SUITE 700
ORLANDO, FL 32801
407 423-8398
CERTIFICATE OF AUTHORIZATION: EB9891

PROJECT
**CAULEY LOTT
PARK**

1717 N. HIGHLAND STREET,
MOUNT DORA, FL 32757

ISSUED FOR
PERMIT

CONSULTANTS

REVISIONS:	

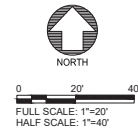
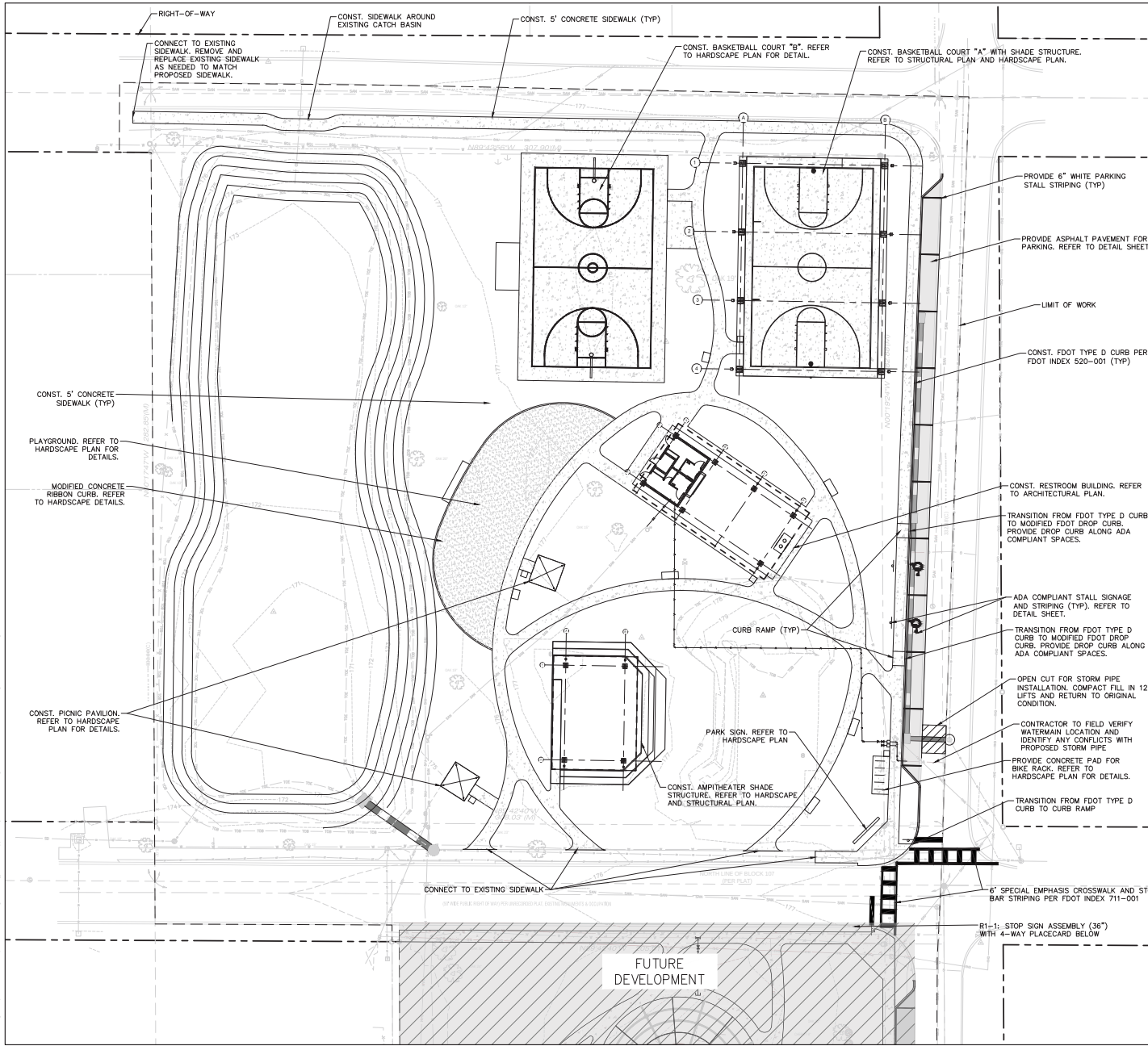
PROJECT NUMBER: A171115.07
DATE: 12/17/2021
DRAWN: ADL
CHECKED: WSL
APPROVED: WSL
REVISIONS:

SHEET TITLE
SWPPP DETAILS

SHEET NUMBER
C-005

A GAI CONSULTANTS, INC. SERVICE GROUP

Z:\MOUNTAIN\171115\17 - CAULEY & LUELL\PROJECT\PRODUCTION DRAWINGS\171115\17 - C-202 SITE PLAN.dwg
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171115-17 - CAULEY & LUELL\PROJECT\PRODUCTION DRAWINGS\171115\17 - C-202 SITE PLAN.dwg



SITE DATA	
PARCEL ID	29-19-27-0002-000-06600 29-19-27-0050-107-00004
PARCEL ACREAGE	3.51 AC
PROPOSED IMPERVIOUS AREA	0.85 AC
PROPOSED % IMPERVIOUS	25 %
PHASED PROJECT	TWO PHASES
FUTURE LAND USE DESIGNATION	RECREATION (RC) MEDIUM DENSITY RESIDENTIAL (MD)
PARKING SPACES PROVIDED	STANDARD SPACES= 13 ADA SPACES= 3 TOTAL SPACES= 16
BIKE SPACES PROVIDED	STANDARD SPACES= 10

- GENERAL NOTES:
1. ALL MEASUREMENTS ARE TO THE FACE OF THE CURB.
 2. ALL SIDEWALK AND CURB RADII ARE 3' UNLESS OTHERWISE NOTED ON THE PLANS.
 3. ALL IMPROVEMENTS TO BE DEDICATED AND/OR MAINTAINED BY THE CITY OF MOUNT DORA SHALL BE IN CONFORMANCE WITH THE CURRENT CITY ENGINEERING STANDARDS MANUAL, MATERIALS LIST, AND DETAILS. FINAL APPROVAL DOES NOT PROVIDE EXEMPTION FROM THESE REQUIREMENTS. ANY DEVIATION FROM THE CITY STANDARDS MUST BE APPROVED IN WRITING PRIOR TO CONSTRUCTION.
 4. ELEVATIONS SHOWN HEREON ARE BASED ON NATIONAL GEODETIC SURVEY BENCHMARK "ROOF", HAVING AN ELEVATION OF 95.65', NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD83).
 5. CONTRACTOR SHALL ESTABLISH A NEW BENCHMARK PRIOR TO DEMOLISHING BUILDING.

LEGEND	
---	RIGHT-OF-WAY
---	LIMITS OF WORK
---	EXISTING FEATURE
---	PROPOSED IMPROVEMENT
---	CONCRETE PAVEMENT
---	ASPHALT PAVEMENT



618 E. SOUTH STREET
SUITE 700
ORLANDO, FL 32801
407 423-8398
CERTIFICATE OF AUTHORIZATION EB9891
PROJECT
CAULEY LOTT PARK
1717 N. HIGHLAND STREET,
MOUNT DORA, FL 32757

ISSUED FOR PERMIT

CONSULTANTS

REVISIONS	

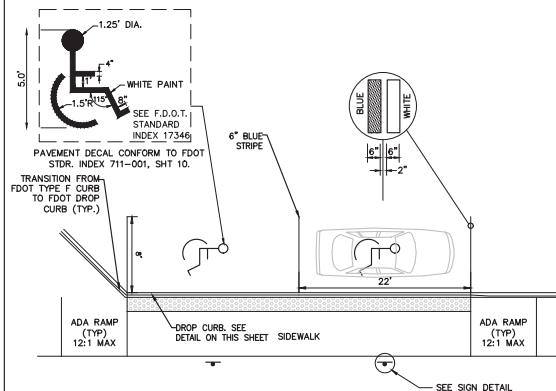
PROJECT NUMBER	A171115.07
DATE	12/17/2021
DRAWN	ADL
CHECKED	WLS
APPROVED	WLS

REGISTRATION

SHEET TITLE
SITE PLAN

SHEET NUMBER
C-201

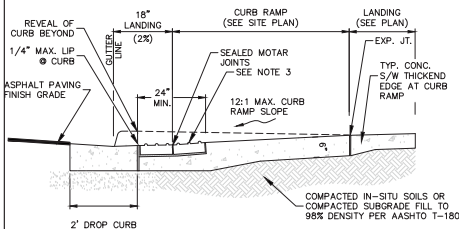
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ADA SIGNAGE NOTES

- ONE (1) SIGN ASSEMBLY IS REQUIRED FOR EACH PARKING SPACE. PLACED CENTERED W/ PARKING SPACE AND 2'-0" CLEAR FROM BACK-OF-CURB WHEN APPLICABLE.
- SIGN SHALL HAVE THE INTERNATIONAL SYMBOL OF ACCESSIBILITY IN REFLECTORIZED BLUE BACKGROUND WITH WHITE REFLECTORIZED LEGEND. USE FDOT FTP-20-06, OR FTP-21-06, OR APPROVED EQUAL.
- SIGNS SHALL HAVE A REFLECTORIZED (ENGINEERING GRADE) CONFORMING TO FDOT SPEC. SECTION 700. PANELS PER THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND FDOT STDR. INDEX NO. 700-102. USE FDOT FTP-20-06 PLUS 6"X12" PLACARD BELOW.
- SIGNS SHALL BE SHEET ALUMINUM BACKING (.080) THICKNESS.
- HEIGHT OF SIGN SHALL BE IN ACCORDANCE WITH SECTION 2A-23 OF THE MUTCD.
- ALL PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH F.D.O.T. AND THE MUTCD.
- POLES SHALL BE 3" ALUM. UNLESS OTHERWISE INDICATED IN THE LANDSCAPE ARCHITECT'S PLANS AND SPECS. PROVIDE RUSTPROOF HARDWARE. ALL SIGNS SHALL CONFORM TO FDOT INDEX 11864.

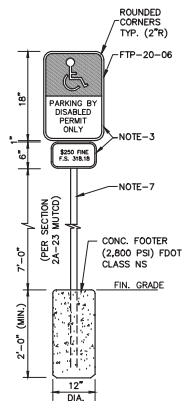
1 ADA PARALLEL PARKING DETAIL
N.T.S.



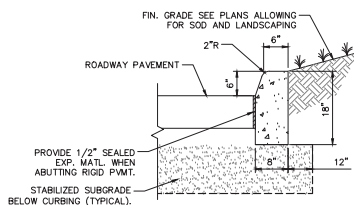
CURB RAMP NOTES

- ALL CURB RAMP SHALL HAVE DETECTABLE WARNING SURFACES THAT EXTEND THE FULL WIDTH OF THE RAMP AND 24" FROM THE BACK OF CURB IN THE DIRECTION OF TRAVEL. AS SHOWN ON DETAIL.
- DETECTABLE WARNING SURFACES SHALL BE TRUNCATED DOME PATTERN IN CONFORMANCE WITH U.S. DEPARTMENT OF JUSTICE A.D.A. STANDARDS.
- TRUNCATED DOME PAVERS SHALL BE PER HARDSCAPE PLANS. SUBMIT SELECTION TO OWNER FOR APPROVAL.
- THE COLOR REQUIREMENT FOR DETECTABLE WARNINGS IS TO PROVIDE A DARK-ON-LIGHT VISUAL CONTRAST BETWEEN THE DETECTABLE WARNING SURFACE AND THE ADJACENT WALKING SURFACE. USE "CHARCOAL" COLORED DETECTABLE WARNING MATERIAL WITH STANDARD CONCRETE UNLESS OTHERWISE NOTED.
- EXPANSION JOINTS SHALL BE PLACED AT ALL PERIMETER EDGES ABUTTING CONCRETE, BUT NO JOINTS SHALL BE MADE IN THE RAMP ITSELF.
- TRANSITION CURB MAY BE FORMED AT THE TIME OF CURB CONSTRUCTION OR MAY BE MONOLITHIC WITH THE RAMP, BUT IS INCLUDED WITH THE PAY ITEM FOR THE RAMP.
- CURB RAMP SHALL CONFORM TO FDOT INDEX 522-002

2 CURB RAMP DETAIL
N.T.S.



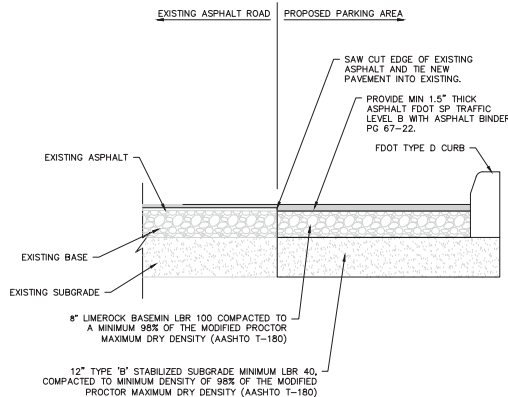
3 ADA SIGN DETAIL
N.T.S.



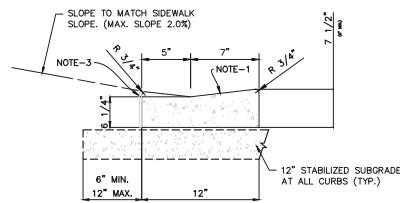
NOTES

- USE F.D.O.T. CLASS I CONCRETE (3,000 PSI).
- SAW CUT CONTROL JOINTS IN NEW CURB AT 10' C/C WITHIN 24-HOURS OF POUR. REFER TO F.D.O.T. INDEX 300.
- CONFORM WITH F.D.O.T. INDEX 300.

4 FDOT TYPE "D" CURB DETAIL
N.T.S.



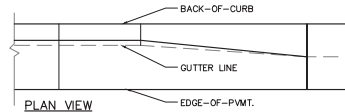
5 ASPHALT PAVEMENT SECTION
N.T.S.



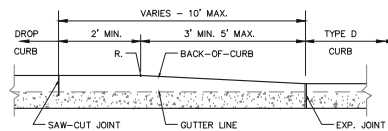
NOTES

- WHEN USED ON HIGH SIDE OF ROADWAYS, THE CROSS SLOPE OF THE GUTTER SHALL MATCH THE CROSS SLOPE OF THE ADJACENT PAVEMENT WITH MAX SLOPE OF 2.0%. THE THICKNESS OF THE LIP SHALL BE 6", UNLESS OTHERWISE SHOWN ON PLANS.
- USE FDOT CLASS I CONCRETE (3,000 PSI) CONFORMING TO FDOT SPEC. 346.
- PROVIDE 1/2" SEALED EXP. JOINT WHEN ABUTTING CONCRETE.
- PROVIDE SAW CUT CONTROL JOINTS AT 10' C/C MAX. WITHIN 24-HRS. OF POUR.

6 MODIFIED DROP CURB DETAIL
N.T.S.

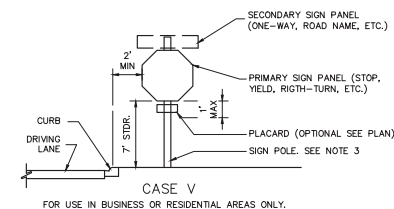
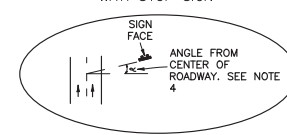
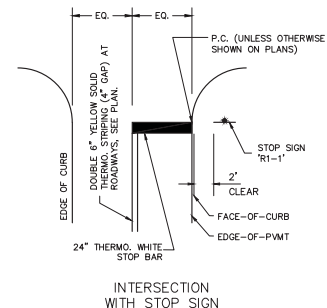


PLAN VIEW



PROFILE VIEW

7 CURB TRANSITION DETAIL
N.T.S.



R1-1

POST MOUNTED SIGN DETAIL NOTES

- INSTALLATION HEIGHT OF SIGN SHALL BE IN ACCORDANCE WITH SECTION 24-23 OF THE MANUAL ON UNIFORM TRAFFIC CONTROL (M.U.T.C.D.) (7' CLEARANCE).
- PROVIDE 30" MIN. STOP SIGN PANELS AND 36" STOP SIGN PANELS AT ROADWAY INTERSECTIONS. SIGN PANELS SHALL CONFORM TO FDOT SPEC. SECTION 994.
- ALL SIGN POLES SHALL BE 3" ALUM. UNLESS OTHERWISE INDICATED IN THE LANDSCAPE ARCHITECT'S PLANS AND SPECS. PROVIDE STAINLESS STEEL BOLTS, NUTS & WASHERS. ALL POST SIGN ASSEMBLIES SHALL CONFORM TO FDOT INDEX 11860.
- ROADSIDE SIGN PLACEMENT SHALL CONFORM TO FDOT INDEX 17302. ROADSIDE SIGNS SHALL BE INSTALLED AT AN ANGLE OF 1 TO 4 DEGREES AWAY FROM THE TRAFFIC FLOW (SEE ILLUSTRATION). SHOULDER MOUNTED SIGNS SHALL BE ROTATED COUNTERCLOCKWISE AND MEDIAN MOUNTED SIGNS ROTATED CLOCKWISE. SIGNS ON CURVES SHALL BE MOUNTED AS NOTED ABOVE FROM THE PERPENDICULAR TO THE MOTORISTS LINE OF SIGHT.
- ALL TRAFFIC PAVEMENT MARKINGS SHALL BE THERMOPLASTIC CONFORMING TO FDOT SECTION 711. UNLESS OTHERWISE NOTED ON PLANS.
- ALL SIGNS AND POSTS MUST BE SUBMITTED TO THE CITY ENGINEER FOR APPROVAL PRIOR TO PRODUCTION.

8 STOP SIGN DETAIL
N.T.S.

COMMUNITY
SOLUTIONS



618 E. SOUTH STREET
SUITE 700
ORLANDO, FL 32801
407 423-8398

CERTIFICATE OF AUTHORIZATION EB9891

PROJECT

CAULEY LOTT
PARK

1717 N. HIGHLAND STREET,
MOUNT DORA, FL 32757

ISSUED FOR
PERMIT

CONSULTANTS

REVISIONS:

PROJECT NUMBER A171118.07

DATE: 12/17/2024

DRAWN: ADL

CHECKED: WSL

APPROVED: WSL

REGISTRATION

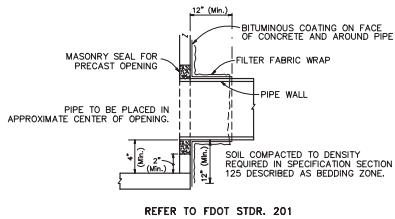
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SITE DETAILS

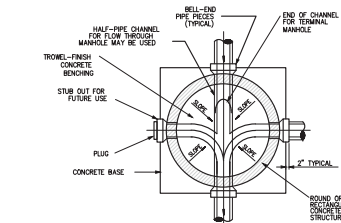
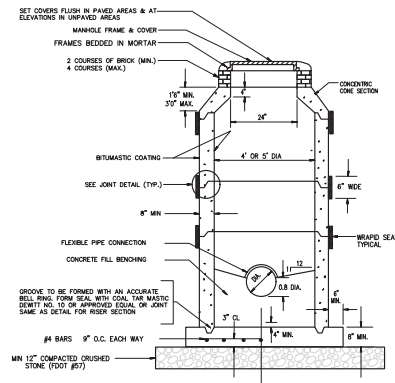
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C-501

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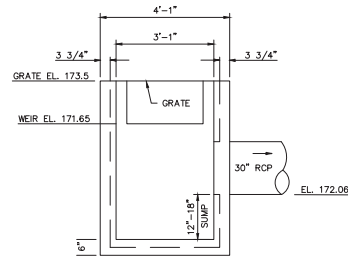
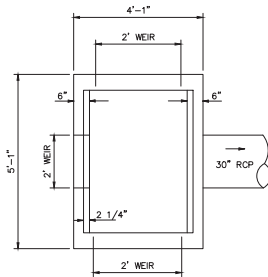


1 STORM PIPE TO STRUCTURE JOINT DETAIL
N.T.S.



- NOTES:
1. MANHOLE COVERS TYPICAL FOR ALL FRAME TYPES.
 2. WRAPID SEAL MUST BE USED ON ALL JOINTS, CASTINGS AND RISER RINGS; ON ALL JOINTS ON ROUND AIR RELEASE AND ROUND MANHOLE STRUCTURES.
 3. WRAPID SEAL MUST BE USED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
 4. MAXIMUM MANHOLE DEPTH SHALL BE 18 FEET TO BOTTOM OF SLAB

2 PRECAST CONCRETE MANHOLE DETAIL
N.T.S.



- NOTES:
1. CONTROL STRUCTURE SHALL HAVE STEEL GRATES. USE 4,000 PSI CONCRETE.
 2. PRECAST IN ACCORDANCE WITH LATEST EDITIONS OF ASTM C76 AND C478.
 3. 6" MIN. CLEARANCE FROM O.D. OF PIPE TO INSIDE WALL OF INLET, GROUT OR "RAM-NEK" JOINTS WHERE REQUIRED.
 4. SOD 16" ALL AROUND INLET.
 5. REFER TO FDOT INDEX 232 (LATEST VERSION) FOR CONSTRUCTION DETAILS.

4 CONTROL STRUCTURE DETAIL (TYPE D INLET)
N.T.S.



618 E. SOUTH STREET
SUITE 700
ORLANDO, FL 32801
407 423-8398
CERTIFICATE OF AUTHORIZATION: EB9851

PROJECT
CAULEY LOTT
PARK

1717 N. HIGHLAND STREET,
MOUNT DORA, FL 32757

ISSUED FOR
PERMIT

CONSULTANTS

REVISIONS:	

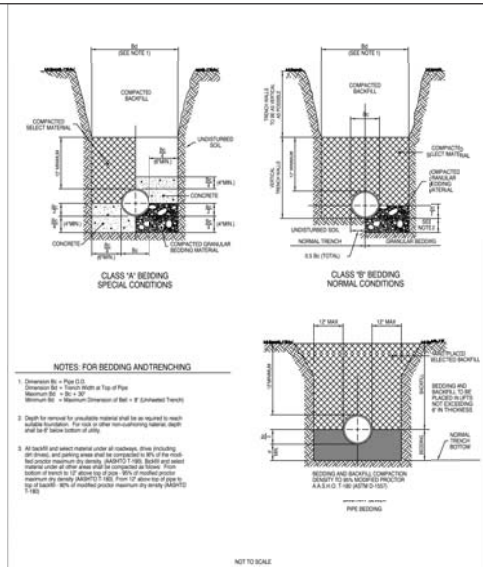
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DATE	12/17/2021
DRAWN	ADL
CHECKED	WSL
APPROVED	WSL

REGISTRATION

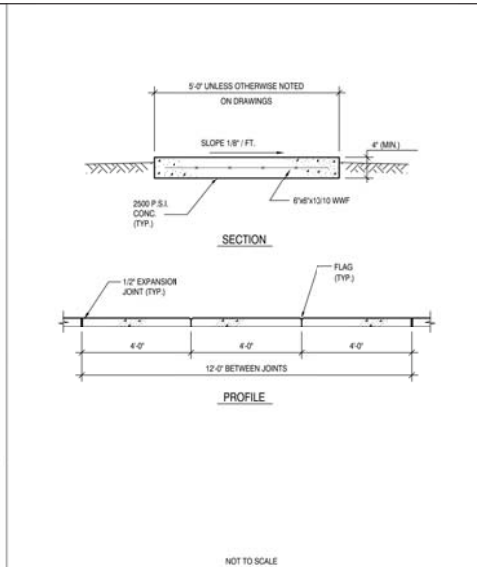
SHEET TITLE
SITE DETAILS

SHEET NUMBER
C-502

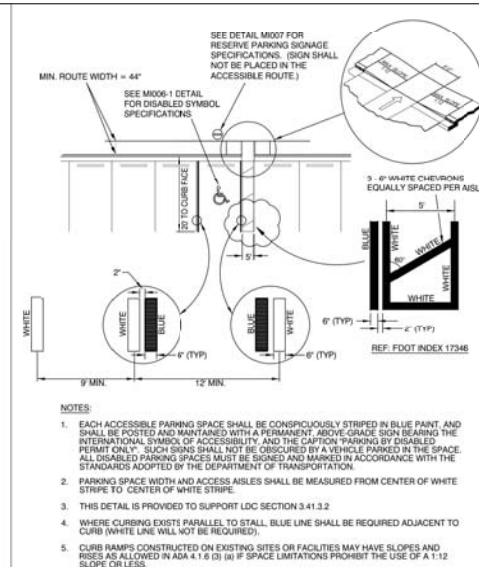
A GAI CONSULTANTS, INC. SERVICE GROUP



	BEDDING DETAILS	GU0017-1
		ISSUED: 2017
		REVISED: -



	CONCRETE WALKWAY DETAIL	GU0019-1
		ISSUED: 2017
		REVISED: -



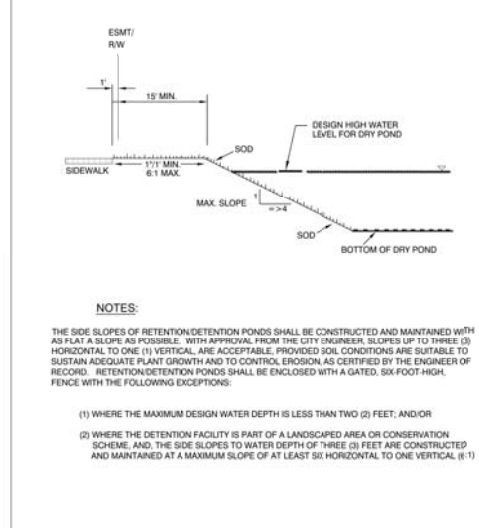
	ACCESSIBLE PARKING - SINGLE SPACE STRIPING	GU0024-1
		ISSUED: 2017
		REVISED: -

- STORM DRAINAGE CONSTRUCTION NOTES**
- ALL STORM SEWER PIPE SHALL BE REINFORCED CONCRETE UNLESS APPROVED BY THE CITY ENGINEER.
 - STORM DRAINAGE PIPES SHALL BE A MINIMUM OF FIFTEEN (15) INCH DIAMETER (15" FOR SHORT LATERAL RUNS ONLY - UP TO 75 FEET; ALL OTHERS, 18" MINIMUM) OR EQUIVALENT AND BE DESIGNED IN ACCORDANCE WITH THE FOOT DRAINAGE MANUAL.
 - ALL PIPE TERMINUS SHALL BE MITERED END SECTIONS UNLESS A HEADWALL IS APPROVED FOR RESTRICTED LOCATIONS.
 - UNLESS OTHERWISE NOTED, ALL STRUCTURES SHALL MEET FOOT STANDARDS.
 - STORM INLETS, MANHOLES, AND CATCH BASINS SHALL BE EITHER POURED IN PLACE OR PRE-CAST REINFORCED CONCRETE. STRUCTURES SHALL BE REQUIRED AT EACH CHANGE OF PIPE SIZE, CHANGE IN PIPE DIRECTION, OR PIPE MATERIAL.
 - STORM INLETS SHALL BE SPACED IN SUCH A MANNER AS TO ACCEPT ONE HUNDRED (100) PERCENT OF THE DESIGN STORM RUNOFF PER FOOT DRAINAGE MANUAL.
 - MAXIMUM DISTANCES BETWEEN INLETS AND/OR MANHOLES:
- | PIPE SIZE (INCHES) | LENGTH RUN (FEET) |
|--------------------|-------------------|
| 15 | 75 * |
| 18 | 150 |
| 24 | 250 |
| 30 | 300 |
| 36 | 300 |
| 42 | 400 |
| 54 or greater | 500 |
- * See Note 2, Above.
- ALL SWALES, DITCHES MAXIMUM SIDE AND BACK SLOPES MUST BE GREATER THAN 3 TO 1.
 - NORMAL ROADSIDE SWALES SHALL BE CONSTRUCTED TO A MAXIMUM DEPTH OF 18" BELOW THE OUTSIDE EDGE OF PAVEMENT OR CONCRETE CURB.
 - CONCRETE EROSION CONTROL MUST BE PROVIDED WHERE SWALES OR CULVERTS INTERCEPT DRAINAGE DITCHES.
 - WHEN A POND IS INCORPORATED WITHIN A SUBDIVISION, THE POND SHALL BE ON A SEPARATE TRACT, OWNED AND MAINTAINED BY THE HOMEOWNERS ASSOCIATION. WHERE SUCH PONDS EXIST AND ARE BOUNDED IN WHOLE OR IN PART BY STREETS, A STRIP OF LAND NOT LESS THAN FIFTEEN (15) FEET WIDE ABUTTING SUCH STREET RIGHT-OF-WAY SHALL BORDER THE POND.

	STORMWATER GENERAL NOTES	ST0001-1A
		ISSUED: 2017
		REVISED: -

- STORM DRAINAGE CONSTRUCTION NOTES**
- POND INFLOW AND OUTLET STRUCTURES SHALL BE CONSTRUCTED WITH REINFORCED CONCRETE AND SHALL BE SUBJECT TO THE APPROVAL OF THE CITY ENGINEER.
 - SOIL EROSION CONTROL MEASURES, IN CONFORMANCE WITH THE FLORIDA STORMWATER, EROSION AND SEDIMENT CONTROL INSPECTOR'S MANUAL AND SATISFACTORY WITH THE CITY, SHALL BE EMPLOYED DURING CONSTRUCTION.
 - THE DEVELOPER MUST SUBMIT A DRAINAGE REPORT BY A QUALIFIED HYDROLOGIST ON THE IMPACT THE POND WILL HAVE ON NEIGHBORING WATER TABLE ELEVATIONS, BOTH DURING CONSTRUCTION AND AFTER COMPLETION. THE CITY ENGINEER MAY REQUIRE GROUNDWATER MONITORING DURING THE POND EXCAVATION.
 - ADEQUATE MAINTENANCE EASEMENTS ON RIGHT-OF-WAY AS APPROVED BY THE CITY ENGINEER SHALL BE PROVIDED AROUND THE ENTIRE PERIMETER OF ALL PONDS AND ASSOCIATED OUTFALLS DISCHARGING INTO AND OUT OF PONDS. APPLICABLE CROSS SECTIONS SHALL BE INCLUDED ON ALL FINAL DEVELOPMENT PLANS.
 - DEVELOPMENT PLANS SHALL CONTAIN POP-OFF DATA (OVERFLOW), BOTTOM ELEVATION, NORMAL WATER LEVELS AND 100-YEAR HIGH WATER LEVELS.
 - RETENTION/DETENTION SITES MUST BE CONSTRUCTED ON ALL PROJECTS PRIOR TO ANY ROAD, PARKING LOT, OR BUILDING CONSTRUCTION COMMENCING OR AS CURRENT PERMIT CONDITIONS DICTATE. SEWER AND WATER MAINS MAY BE INSTALLED PRIOR TO RETENTION/DETENTION SITE CONSTRUCTION IF DE-WATERING IS NOT REQUIRED.
 - THE ENGINEER OF RECORD IS REQUIRED TO OBTAIN, AND PROVIDE EVIDENCE OF, ANY AND ALL DE-WATERING PERMITS, SURFING PERMITS, EXEMPTION LETTERS, NPDES PERMITS, AND/OR ANY OTHER PERMITS THAT MAY BE REQUIRED, PRIOR TO SITE PLAN APPROVAL.
 - CULVERTS CROSSING RIGHT-OF-WAYS SHALL EXTEND FROM RIGHT-OF-WAY LINE TO RIGHT-OF-WAY LINE UNDER THE ROADWAY.

	STORMWATER GENERAL NOTES	ST0001-1B
		ISSUED: 2017
		REVISED: -



	DRY RETENTION POND	ST0002-1
		ISSUED: 2017
		REVISED: -



618 E. SOUTH STREET
SUITE 700
ORLANDO, FL 32801
407 423-8398
CERTIFICATE OF AUTHORIZATION: CB9891
PROJECT
CAULEY LOTT PARK
1717 N. HIGHLAND STREET,
MOUNT DORA, FL 32757

ISSUED FOR
PERMIT

CONSULTANTS

REVISIONS:	

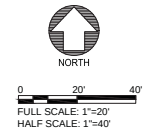
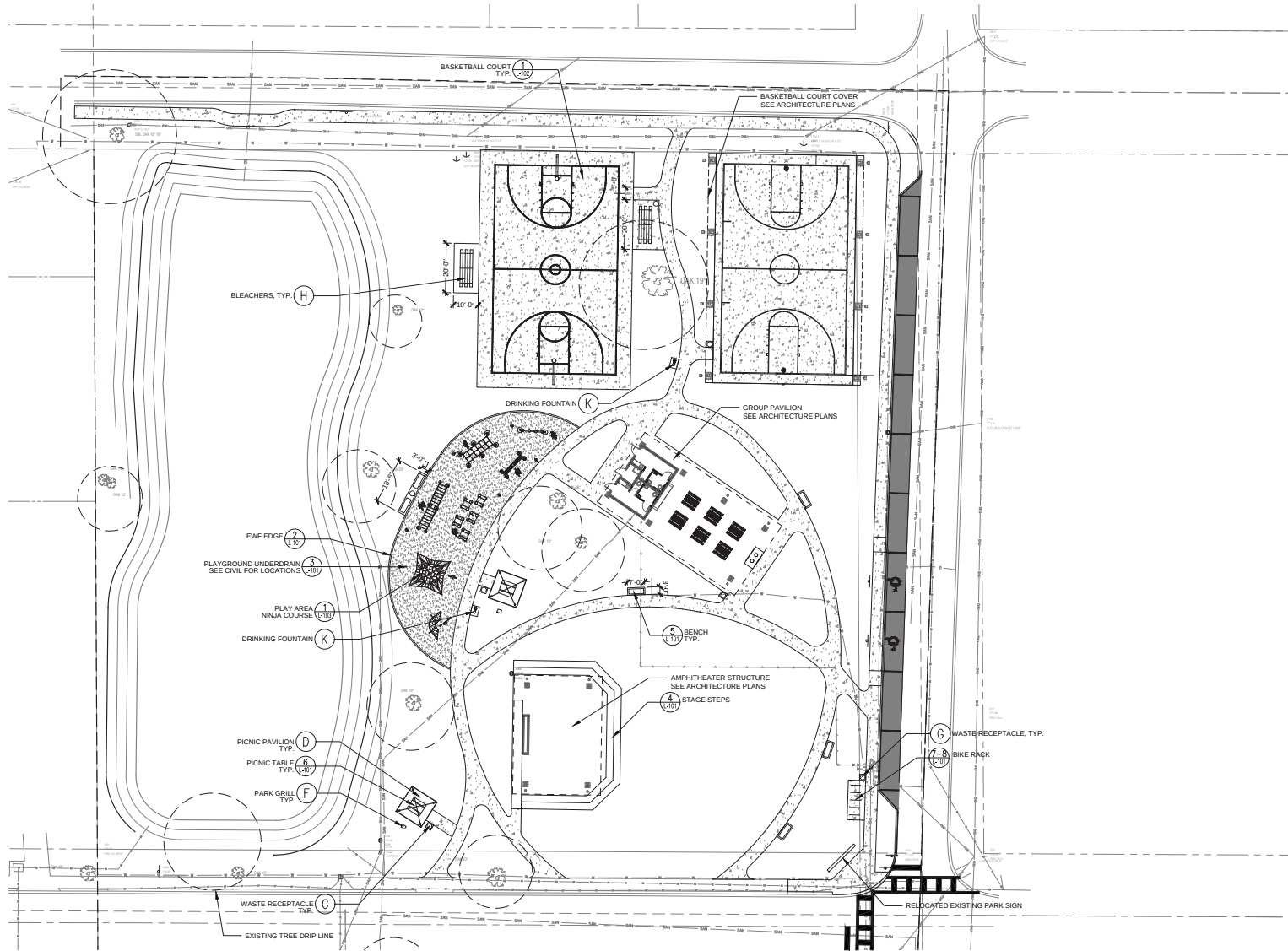
PROJECT NUMBER	A171115.07
DATE	12/17/2021
DRAWN	ADL
CHECKED	WLS
APPROVED	WLS
REVISIONS	

CITY OF MT DORA DETAILS

C-503

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Z:\NRA\STV\07111507 - CAULEY & LUE\PRODUCTION DRAWINGS\07111507 - L-100 HS PLANS.DWG
20. Drawing was prepared and designed using AutoCAD and is subject to automatic grading files. Do not remove this drawing via manual editing methods.



COMMUNITY
SOLUTIONS



618 E. SOUTH STREET
SUITE 700
ORLANDO, FL 32801
407 423-8398

CERTIFICATE OF AUTHORIZATION: EB9951

PROJECT
**CAULEY LOTT
PARK**

1717 N. HIGHLAND STREET,
MOUNT DORA, FL 32757

ISSUED FOR
PERMIT

CONSULTANTS

REVISIONS:	

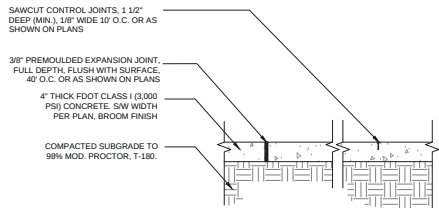
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DATE:	12/17/2023
DRAWN:	ACL AP
CHECKED:	WSL KJA
APPROVED:	WSL KJA
REGISTRATION	

SHEET TITLE
**HARDSCAPE
PLAN**

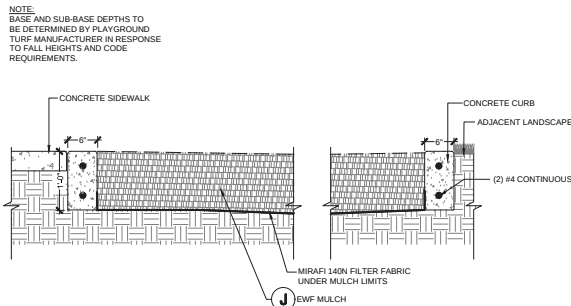
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L-100

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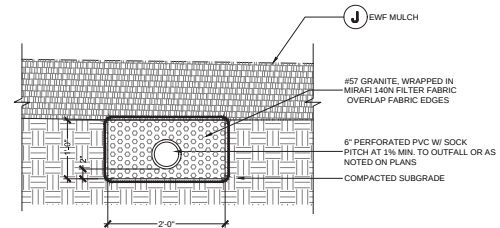
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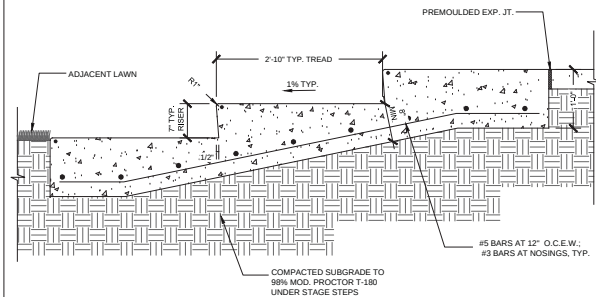
1 4" CONCRETE SIDEWALK
SCALE: 1"=1'-0"



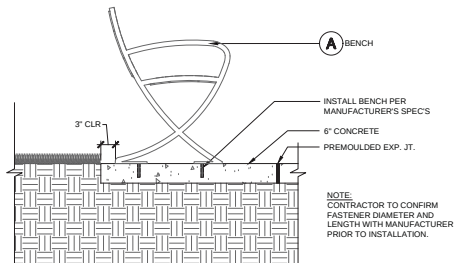
2 ENGINEERED WOOD FIBER SURFACE
SCALE: 1"=1'-0"



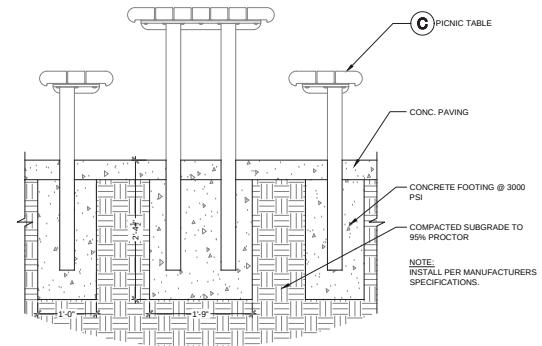
3 PLAYGROUND UNDERDRAIN
SCALE: 1"=1'-0"



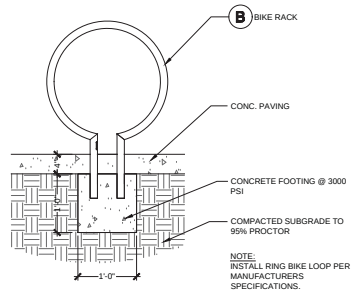
4 STAGE STEP DETAIL
SCALE: 1"=1'-0"



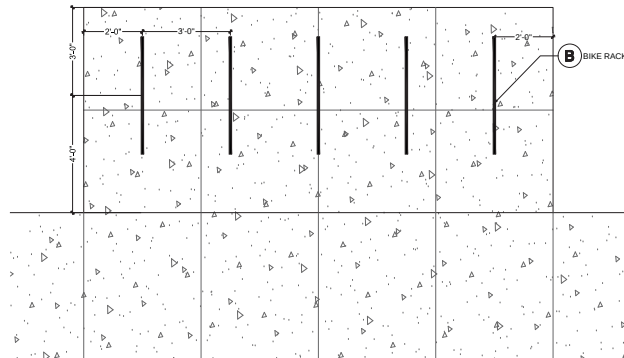
5 BENCH DETAIL
SCALE: 1"=1'-0"



6 PICNIC TABLE DETAIL
SCALE: 1"=1'-0"

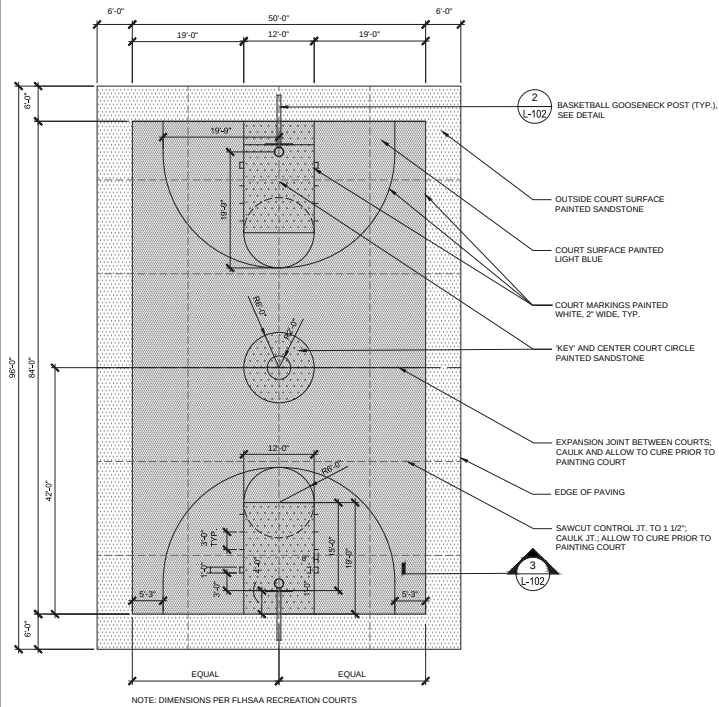


7 BIKE RACK DETAIL
SCALE: 1"=1'-0"

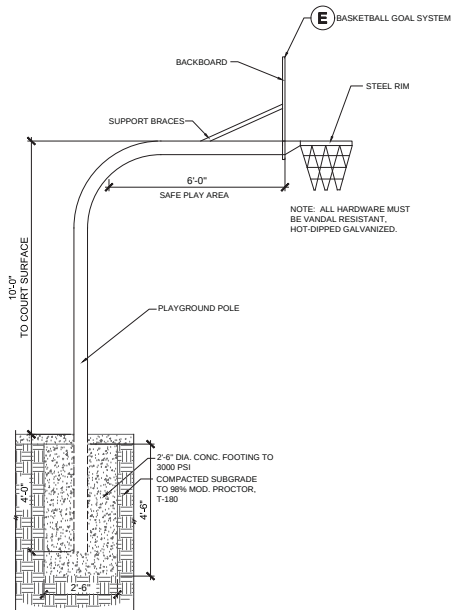


8 BIKE RACK PLAN
SCALE: 1/2"=1'-0"

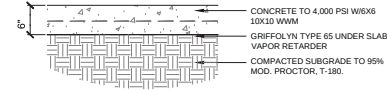
PROJECT NUMBER	A1711507
DATE	12/17/2021
DRAWN	ADL AP
CHECKED	WSL KJA
APPROVED	WSL KJA
REGISTRATION	



1 BASKETBALL COURT LAYOUT



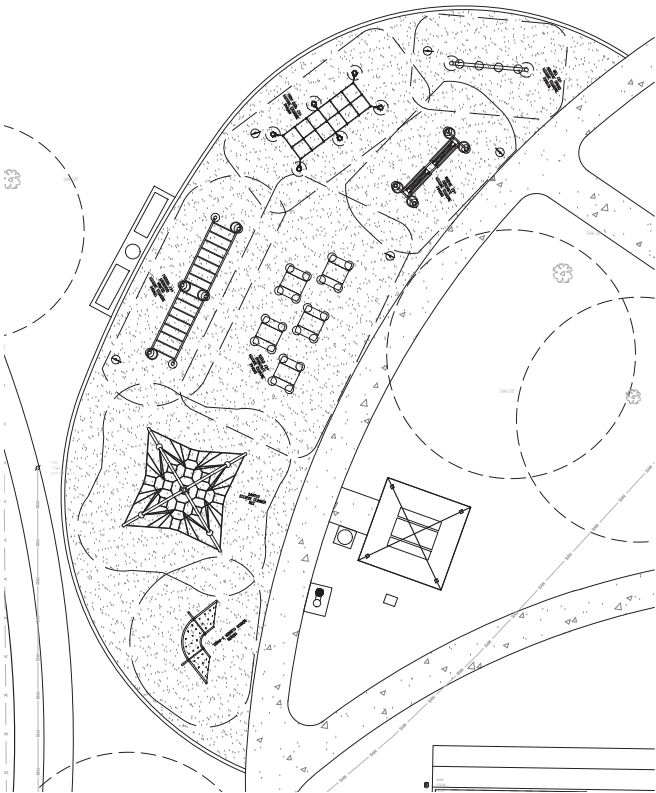
2 BASKETBALL GOOSENECK POST DETAIL
L-102 SCALE: 1/2"=1'-0"



3 BASKETBALL COURT SECTION
L-102 SCALE: 1"=1'-0"

2:\INRA\2017\A171115.07 - CAULEY & LILLE MP\CAD\PRODUCTION DRAWINGS\A171115.07 - L-100 HS DETAILS.DWG
This drawing was produced with computer aided drafting technology and is supported by electronic drawing files. Do not revise this drawing vs manual drafting methods.

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This drawing was produced with computer aided drafting technology and is intended for electronic printing. Do not photocopy. This drawing is not a final drawing.



1 NINJA COURSE
SCALE: 1/8" = 1'-0"



2 NINJA COURSE
SCALE: 1/8" = 1'-0"

COMMUNITY
SOLUTIONS



618 E. SOUTH STREET
SUITE 700
ORLANDO, FL 32801
407 423-8388
CERTIFICATE OF AUTHORIZATION: 88995

PROJECT
**CAULEY LOTT
PARK**
1717 N. HIGHLAND STREET,
MOUNT DORA, FL 32757

ISSUED FOR
PERMIT

CONSULTANTS

REVISIONS	

PROJECT NUMBER	A17115-07
DATE	1/21/2021
DRAWN	ADL AP
CHECKED	WSL KJA
APPROVED	WSL KJA

REGISTRATION

SHEET TITLE
**HARDSCAPE
DETAILS**

SHEET NUMBER
L-103

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Product may be patented. Visit VICTORSTANLEY.COM for details.

1 BENCH (A) SCALE: N.T.S.



2 BIKE RACK (B) SCALE: N.T.S.



3 PICNIC TABLE (C) SCALE: N.T.S.



4 PICNIC PAVILION (D) SCALE: N.T.S.



5 BASKETBALL GOAL SYSTEM (E) SCALE: N.T.S.



6 PARK GRILL (F) SCALE: N.T.S.

FINISH SCHEDULE		
SYM	ITEM	SPECIFICATIONS
(A)	BENCH	TYPE: LUL-20CA - LILY BENCH W/ CURVED ARMRESTS COLOR: BLACK FINISH: STEEL W/ RECYCLED SOLID STEEL SEAT SURFAC SOURCE: VICTOR STANLEY; www.victorstanley.com
(B)	BIKE RACK	TYPE: RING BIKE RACK COLOR: STAINLESS STEEL FINISH: LANDSCAPE FORMS; www.landscapiforms.com SOURCE: LANDSCAPE FORMS; www.landscapiforms.com
(C)	PICNIC TABLE	TYPE: 100-60PL - DUMOR TABLE 100 COLOR: CEDAR RECYCLED PLASTIC SLATS FINISH: BLACK POWDERCOATED STEEL SOURCE: DUMOR; www.dumor.com
(D)	PICNIC PAVILION	TYPE: SQR12 - 12' SQUARE HIP ROOF SHELTER COLOR: TBD FINISH: TBD SOURCE: POLYGON; www.polygon.com
(E)	BASKETBALL GOAL SYSTEM	TYPE: PACKAGE PR77 W/ BA70PP POLE PADDING COLOR: NATURAL FINISH: HOT DIPPED GALVANIZED SOURCE: BISON INC.; www.bisoninc.com
(F)	PARK GRILL	TYPE: 21-00 - DUMOR GRILL 21 COLOR: FINISH: DUMOR; www.dumor.com SOURCE: DUMOR; www.dumor.com
(G)	WASTE RECEPTACLE	TYPE: SGE-36SA - SAGE W/ PERFORATED STEEL PANELS COLOR: BLACK FINISH: VICTOR STANLEY; www.victorstanley.com SOURCE: VICTOR STANLEY; www.victorstanley.com
(H)	BLEACHERS	TYPE: BLU-109 - 15' BLEACHER, 3 ROWS, SINGLE FOOTBOARDS COLOR: ALUMINUM FINISH: BELSON; www.belson.com SOURCE: BELSON; www.belson.com
(I)	COURT PAINT	TYPE: SPORTSMASER SPORTS SURFACES COLOR: SEE DETAIL 1/L-102 FINISH: SOURCE: SPORTMASTER; www.sportmaster.net
(J)	ENGINEERED WOOD FIBER MULCH	TYPE: ENGINEERED WOOD FIBER MULCH COLOR: FINISH: IMULCHFL; www.imulchfl.com SOURCE: IMULCHFL; www.imulchfl.com
(K)	DRINKING FOUNTAIN	TYPE: GYM74-CH30 BOTTLE FILLER W/ DRINKING FOUNTAIN COLOR: SATIN STAINLESS FINISH FINISH: MURDOCK; www.murdockmfg.com SOURCE: MURDOCK; www.murdockmfg.com
(L)	AREA LIGHT	TYPE: COLOR: FINISH: SOURCE: SEE ELECTRICAL PLANS

NOTE: CONTRACTOR MUST SUBMIT SAMPLES AND/OR OBTAIN SHOP DRAWING APPROVAL FOR ALL FINISH SCHEDULE ITEMS.



7 WASTE RECEPTACLES (G) SCALE: N.T.S.



8 BLEACHERS (H) SCALE: N.T.S.



9 DRINKING FOUNTAIN (K) SCALE: N.T.S.



10 AREA LIGHT (L) SCALE: N.T.S.

COMMUNITY SOLUTIONS



618 E. SOUTH STREET
SUITE 700
ORLANDO, FL 32801
407 423-6398
CERTIFICATE OF AUTHORIZATION: E89952
PROJECT
CAULEY LOTT PARK
1717 N. HIGHLAND STREET,
MOUNT DORA, FL 32757

ISSUED FOR PERMIT

CONSULTANTS

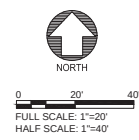
REVISIONS:	

PROJECT NUMBER: A171115-07
DATE: 12/17/2021
DRAWN: ADL AP
CHECKED: WSL KJA
APPROVED: WSL KJA
REGISTRATION

SHEET TITLE
FINISH SCHEDULE

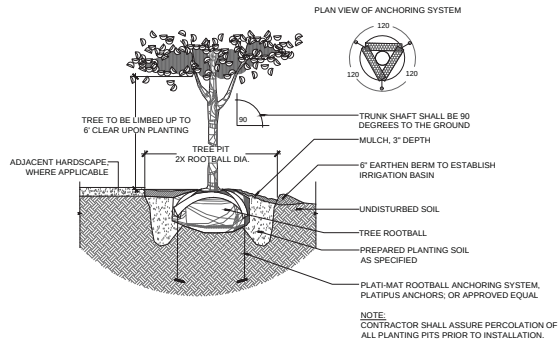
SHEET NUMBER
L-104

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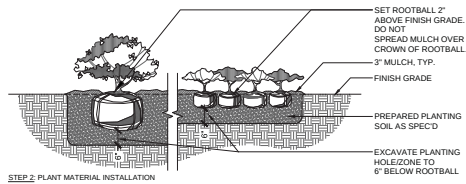


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This drawing was produced with computer aided drafting technology and is supported by electronic drawing files. Do not revise this drawing via manual drafting methods.

Z:\WPAN\2017\477115.07 - CAULEY & LILLE WP\CON\PRODUCTION DRAWINGS\477115.07 - L-200.LS (2025.05.07)
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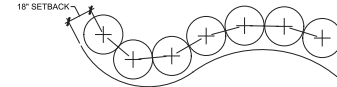
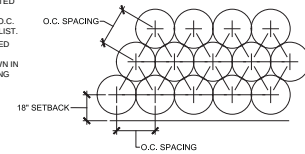
1 CANOPY TREE PLANTING DETAIL
SCALE: N.T.S.



2 SHRUB & GROUNDCOVER PLANTING
SCALE: N.T.S.

NOTES:

1. THE PERIMETER OF ALL CURVED PLANTING BEDS SHALL BE PLANTED AT WITH A ROW OF PLANTS AS SHOWN IN THIS DETAIL, AT THE O.C. SPACING SHOWN IN THE PLANT LIST.
2. INTERIOR PORTIONS OF EACH BED SHALL BE PLANTED IN A TRIANGULAR PATTERN AS SHOWN IN THIS DETAIL, AT THE O.C. SPACING SHOWN IN THE PLANT LIST.
3. SETBACKS ARE APPLICABLE AGAINST ALL HARDSCAPE SURFACES AND SOD EDGES.



3 TRIANGULAR PLANT LAYOUT DETAIL
SCALE: N.T.S.

COMMUNITY
SOLUTIONS



618 E. SOUTH STREET
SUITE 700
ORLANDO, FL 32801
407 423-6398

CERTIFICATE OF AUTHORIZATION: E88953

PROJECT
CAULEY LOTT
PARK

1717 N. HIGHLAND STREET,
MOUNT DORA, FL 32757

ISSUED FOR
PERMIT

CONSULTANTS

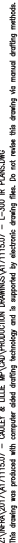
REVISIONS:	

PROJECT NUMBER	A17115.07
DATE	1/21/2021
DRAWN	ADL AP
CHECKED	WSL KJA
APPROVED	WSL KJA
REGISTRATION	

SHEET TITLE
**LANDSCAPE
DETAILS**

SHEET NUMBER
L-201

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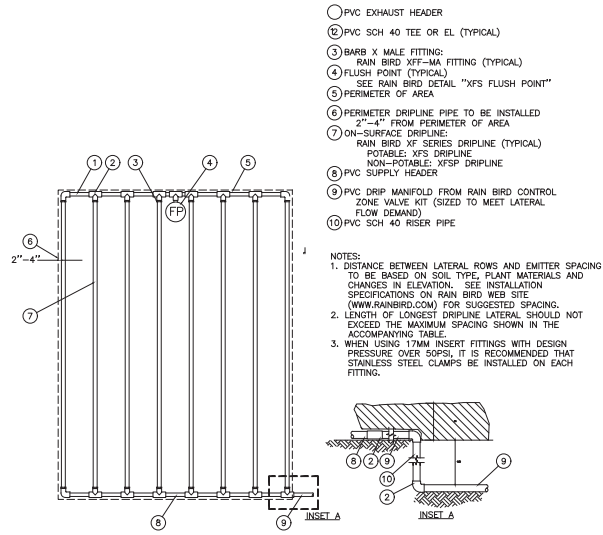
2. **PROTECTION OF EXISTING UTILITIES:** LOCATE ALL UTILITIES PRIOR TO COMMENCEMENT OF WORK. CALL SUNSHINE STATE ONE CALL - SEE LOGO.
3. **PROTECTION OF PUBLIC:** CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL MAINTENANCE OF PEDESTRIAN AND BICYCLE TRAFFIC AND SAFETY MEASURES DURING IRRIGATOR INSTALLATION. PER APPLICABLE CODES.
4. **PRE-CONSTRUCTION MEETING:** CONTACT THE PROJECT LANDSCAPE ARCHITECT TO SCHEDULE AN ON-SITE MEETING PRIOR TO ANY IRRIGATION DEMOLITION OR CONSTRUCTION ACTIVITIES TO REVIEW PROPOSED ACTIVITIES. CONTACT: (852) 363-4322. CONFIRM POINTS OF CONNECTION AND CONTROLLER LOCATION DURING MEETING.
5. ANY IRRIGATION ITEMS NORMALLY INSTALLED IN LANDSCAPE AREAS THAT ARE SHOWN OUTSIDE OF LANDSCAPE AREAS OR OUTSIDE OF THE PROPERTY LINES ARE SHOWN AS SUCH FOR GRAPHIC CLARITY ONLY. INSTALL THESE ITEMS INSIDE OF PROPERTY LINES AND IN LANDSCAPE AREAS.
6. ANY EXISTING TREE ROOTS, WHEN ENCOUNTERED DURING INSTALLATION OF IRRIGATION ITEMS, SHALL BE CUT OFF EVENLY WITH CLEAN SHARP PRUNING TOOLS AND COMBINED WITH GOLF AS SOON AS POSSIBLE TO REDUCE DEGRADATION. THE CONTRACTOR/OVERSEER SHALL MINIMIZE THE DAMAGE TO EXISTING TREE ROOT SYSTEMS.
7. PROVIDE HAND WATERING FOR ESTABLISHMENT PERIOD FOR ANY TREES, GROUNDCOVER AND SHRUBS NOT LOCATED IN IRRIGATED AREAS DURING THE ESTABLISHMENT PERIOD OF GROW-IN.
8. PROTECT AND ENSURE THAT EXISTING IRRIGATION, IF ANY, REMAINS OPERATIONAL DURING CONSTRUCTION.
9. ADJUST SPRINKLER HEADS TO AVOID OVERSPRAY ON ADJACENT PAVING OR HARDSCAPE AREAS.
10. ALL SLEEVES USED IN WET TAPPING MUST HAVE A TEST PLUG FOR PRESSURE TESTING.
11. ADJUST SPRINKLERS SUCH THAT THERE IS NO OVERSPRAY ON ADJACENT ROADWAYS AND SIDEWALKS OR OTHER PEDESTRIAN AREAS.
12. PROVIDE PROTECTOR TO THE LANDSCAPE ARCHITECT THAT ALL AVAILABLE MAINTENANCE MANUALS FOR EACH OF THE PRODUCTS INCLUDED IN THIS INSTALLATION HAVE BEEN PROVIDED TO THE OWNER OR OWNER'S REPRESENTATIVE.
13. INSTALL PIPES TO MINIMUM PIPE DEPTH SHALL BE PER I.D. TO MINIMUM SCHEDULE CODES/STRENGTH, WHICHEVER IS DEEPEST.
14. INSTALL MAINLINE TO A 12" MINIMUM AND LATERAL PIPE TO A 12" MINIMUM.
15. INSTALL PIPES IN THE SAME TRENCH TO A MINIMUM 6" HORIZONTAL A VERTICAL SEPARATION.
16. IF ROCK OR OTHER DEBRIS IS ENCOUNTERED, CONTRACTOR SHALL SMED PIPE WITH A MINIMUM OF 4" OF SAND FOR 36" IN. PIPE SIZES. SEE SPECIFICATIONS.
17. COMPACT BACKFILL TO 95% DENSITY.
18. REPAIR ALL SKIN HOLES AND DEPRESSIONS UNDER WARRANTY PERIOD AT NO COST TO OWNER.

GAI CONSULTANTS, INC. SERVICE GROUP

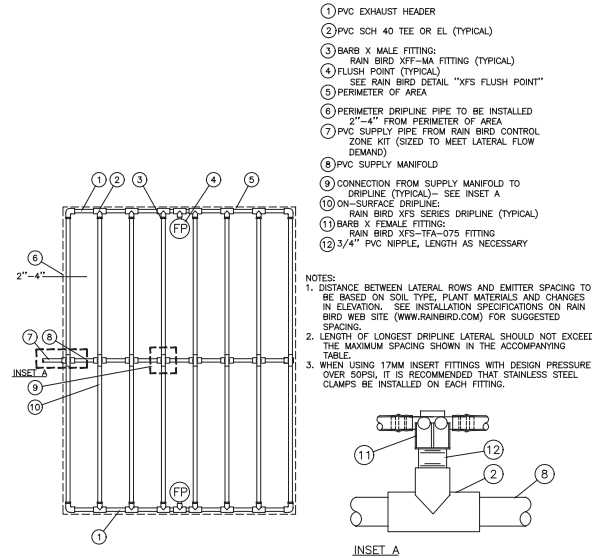
- NOTES:
1. PLACE TIE DOWN STAKES EVERY THREE FEET IN SAND, FOUR FEET IN LOAM, AND FIVE FEET IN CLAY.
 2. AT FITTINGS WHERE THERE IS A CHANGE OF DIRECTION SUCH AS TEES OR ELBOWS, USE TIE-DOWN STAKES ON EACH LEG OF THE CHANGE OF DIRECTION.

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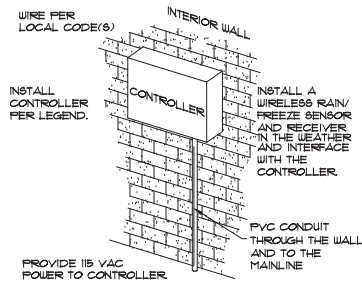
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This drawing was produced with computer aided drafting technology and is supported by electronic drawing files. Do not create this drawing as manual drafting methods.



1 XFS DRIPLINE - END FEED LAYOUT
SCALE: N.T.S.



2 XFS DRIPLINE - CENTER FEED LAYOUT
SCALE: N.T.S.



3 WALL MOUNT CONTROLLER
SCALE: N.T.S.

COMMUNITY
SOLUTIONS



618 E. SOUTH STREET
SUITE 700
ORLANDO, FL 32801
407 423-8398

CERTIFICATE OF AUTHORIZATION: E88951

PROJECT
CAULEY LOTT
PARK

1717 N. HIGHLAND STREET,
MOUNT DORA, FL 32757

ISSUED FOR
PERMIT

CONSULTANTS

REVISIONS	

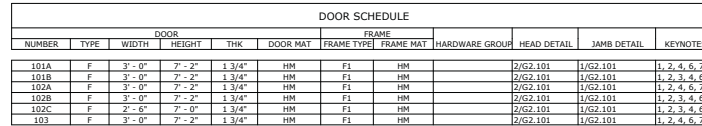
PROJECT NUMBER	AL7115.07
DATE	12/17/2021
DRAWN	ADL AP
CHECKED	WVS KJA
APPROVED	WVS KJA
REGISTRATION	

SHEET TITLE
**IRRIGATION
DETAILS**

SHEET NUMBER
L-303

A GAI CONSULTANTS, INC SERVICE GROUP

GAI CONSULTANTS, INC SERVICE GROUP

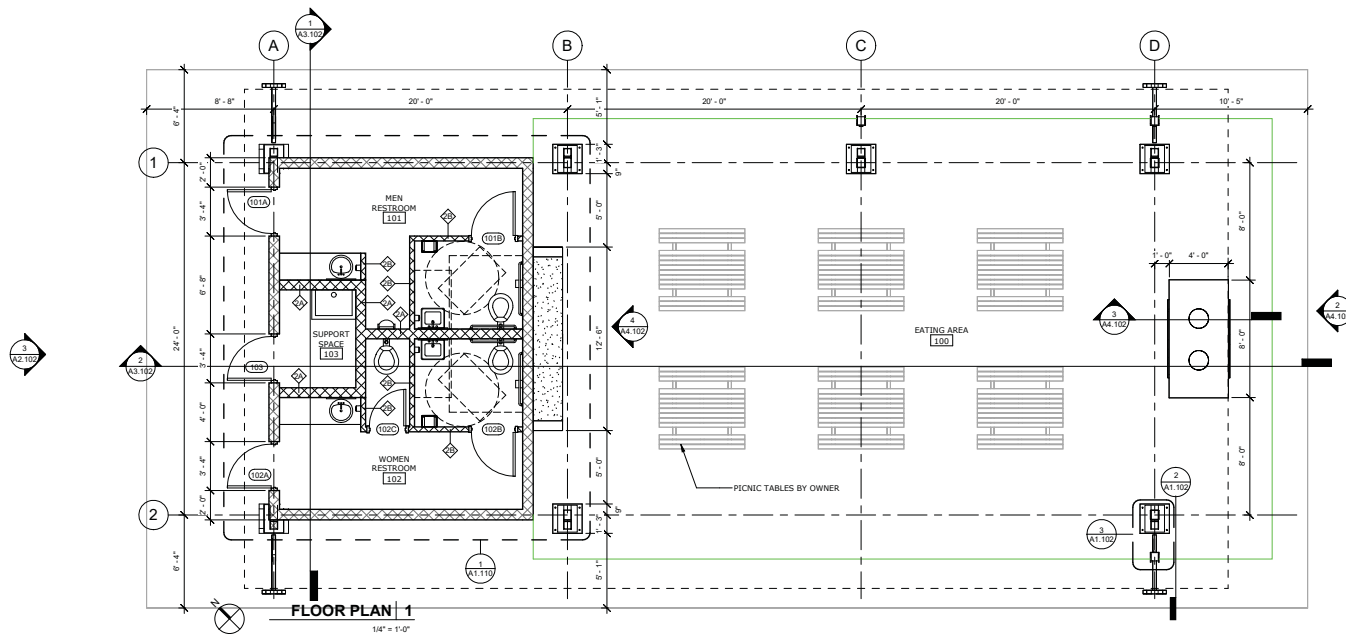


1. SELF-CLOSING HARDWARE (CLOSERS)
2. UNDER-CUT DOOR 3/4"
3. COAT HOOK
4. DOOR STOP
- 5.
6. DOOR SILENCERS
7. WEATHER STRIPPING & SEALS TO ALL EXTERIOR DOORS

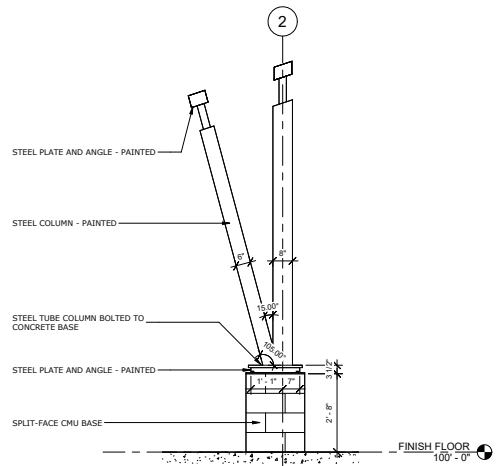
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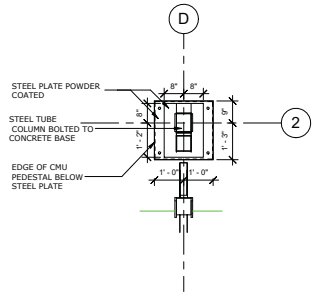
A CALCONITE TANTO, INC. SERVICE GROUP



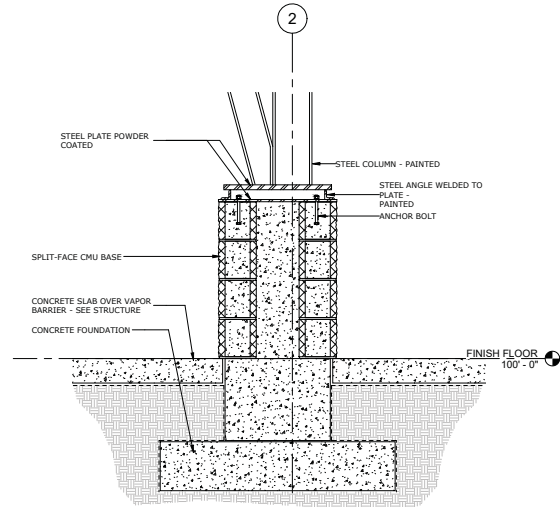
- FLOOR PLAN NOTES**
- DO NOT SCALE THESE DRAWINGS.
 - THE INTENT OF THESE DRAWINGS IS TO INDICATE THE SCOPE OF WORK REQUIRED IN ORDER TO CONSTRUCT A COMPLETE AND FINISHED BUILDING READY FOR OCCUPANCY. THE CONTRACTOR AND SUB-CONTRACTORS ARE EXPECTED TO VISIT THE PROJECT SITE PRIOR TO CONSTRUCTION AND NOTIFY THE ARCHITECT - PRIOR TO CONSTRUCTION - OF ANY DISCREPANCIES WITHIN THE DRAWINGS OR POSSIBLE CONFLICTS WHICH AFFECT THE PROGRESS OF THIS PROJECT. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND FIELD CONDITIONS NOTIFYING THE ARCHITECT OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK.
 - ALL DIMENSIONS ON FLOOR PLANS ARE FROM FACE OF STUD TO STUD OR WALL, UNLESS NOTED OTHERWISE. DIMENSIONS TO EXTERIOR WALLS ARE TO INSIDE FACE OF STRUCTURE.
 - ALL EXPOSED STEEL SHOULD BE PRIMED AND PAINTED FOR EXTERIOR ENVIRONMENT - UTILIZE COATING SUITABLE FOR THESE CONDITIONS. COORDINATE COLOR WITH OWNER.
 - CEMENT PLASTER SYSTEM IS 3 COAT SYSTEM DIRECT APPLIED TO CMU. EXPANSION JOINTS PER MANUF. RECOMMENDATIONS.
 - ALL CONSTRUCTION SHALL COMPLY WITH APPLICABLE BUILDING AND FIRE SAFETY CODES.



COLUMN ELEVATION 2
1/2" = 1'-0"



COLUMN PLAN DETAIL 3
1/2" = 1'-0"



COMMUNITY SOLUTIONS GROUP

gai consultants

618 E. SOUTH STREET
SUITE 700
ORLANDO, FL 32801
407 423-8398

CERTIFICATE OF AUTHORIZATION: EB9951

PROJECT
CAULEY LOTT PARK
PAVILION BUILDING

1717 N. HIGHLAND STREET,
MOUNT DORA, FL 32757

ISSUED FOR PERMIT

CONSULTANTS

HOUSEMAN
ARCHITECTS, INC.

921 S. SEMORAN BLVD., SUITE 100, ORLANDO, FL 32801
312.974.8486

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REVISIONS:

NO.	DESCRIPTION	DATE

PROJECT NUMBER 20-021
DATE 12/17/2021
DRAWN
CHECKED
APPROVED
REVISION

SHEET TITLE
PAVILION BUILDING
FLOOR PLAN

SHEET NUMBER
A1.102

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FLOOR PLAN | 1
1/8" = 1'-0"



1. DO NOT SCALE THESE DRAWINGS.
2. THE INTENT OF THESE DRAWINGS IS TO INDICATE THE SCOPE OF WORK REQUIRED IN ORDER TO COMPLETE THE FINISHED BUILDING READY FOR OCCUPANCY. THE CONTRACTOR AND SUB-CONTRACTORS ARE RESPONSIBLE FOR VERIFYING PRIOR TO CONSTRUCTION AND NOTIFY THE ARCHITECT - PRIOR TO CONSTRUCTION - OF ANY DISCREPANCIES WITHIN THE DRAWINGS OR POSITIONS OF THE WORK. THE PROGRESS OF THIS PROJECT, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND FIELD CONDITIONS. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK.
3. ALL DIMENSIONS ON FLOOR PLANS ARE FROM FACE OF STUD TO STUD OF WALL, UNLESS NOTED OTHERWISE. DIMENSIONS TO EXTERIOR WALLS ARE FROM FACE OF STUD TO STUD OF EXTERIOR WALL.
4. ALL EXPOSED STEEL SHOULD BE PRIME AND PAINTED FOR EXTERIOR ENVIRONMENT - UTILIZE COATING SUITABLE FOR THESE CONDITIONS. CONSULT WITH THE ARCHITECT FOR SPECIFICATIONS.
5. CEMENT PLASTER SYSTEM IS A 3 COAT SYSTEM DIRECT APPLIED TO CMU. EXPANSION JOINTS PER DETAIL.
6. ALL CONSTRUCTION SHALL COMPLY WITH THE APPLICABLE BUILDING AND FIRE SAFETY CODES.



gai consultants

618 E. SOUTH STREET
SUITE 700
ORLANDO, FL 32801
407 423-8398

CERTIFICATE OF AUTHORIZATION: EB9251

PROJECT

CAULEY LOTT PARK
BASKETBALL COURT

1717 N. HIGHLAND STREET,
MOUNT DORA, FL 32757

ISSUED FOR
PERMIT

CONSULTANTS



HOUSEMAN
ARCHITECTURE

921 S. SEMORAN BLVD. #204B WINTER PARK, FL 32789
TO LETTAGAGE ADDITIONAL

921 S. SEMICRAN BLVD. #204B WINTER PARK, FL 321
321-672-8446 AR202764C

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REVISIONS:

[illegible]

PROJECT NUMBER 20-021

DATE: 12/17/2021

DRAWN: _____

CHECKED: _____

APPROVED: _____

REGISTRATION

SHEET TITLE

BASKETBALL COURT
FLOOR PLAN

SHEET NUMBER

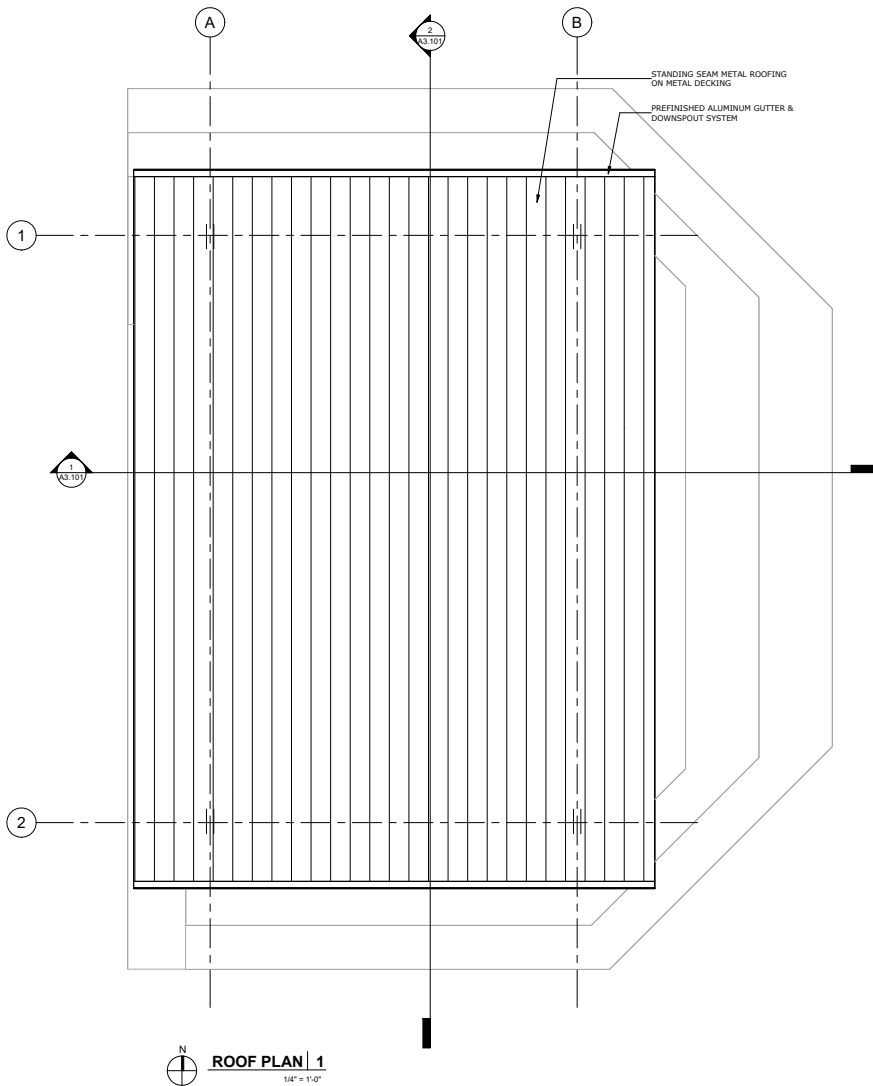
A1.103

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RESTROOM - ENLARGED PLAN | 1
1/2" = 1'-0"

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COMMUNITY
SOLUTIONS
GROUP



618 E. SOUTH STREET
SUITE 700
ORLANDO, FL 32801
407 423-6306
CERTIFICATE OF AUTHORIZATION: EB9951

PROJECT
CAULEY LOTT PARK
AMPHITHEATER
1717 N. HIGHLAND STREET,
MOUNT DORA, FL 32757

ISSUED FOR
PERMIT

CONSULTANTS



REVISIONS:

PROJECT NUMBER 20-021

DATE 12/17/2021

DRAWN:

CHECKED:

APPROVED:

REGISTRATION

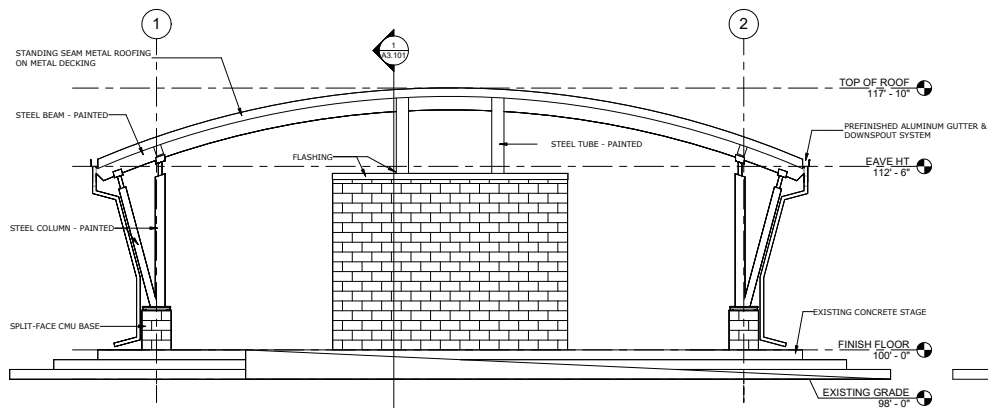
SHEET TITLE
AMPHITHEATER
ROOF PLANS & DETAILS

SHEET NUMBER

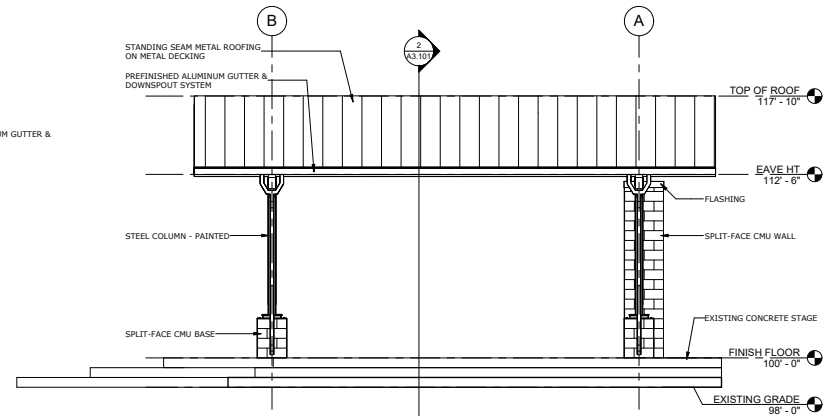
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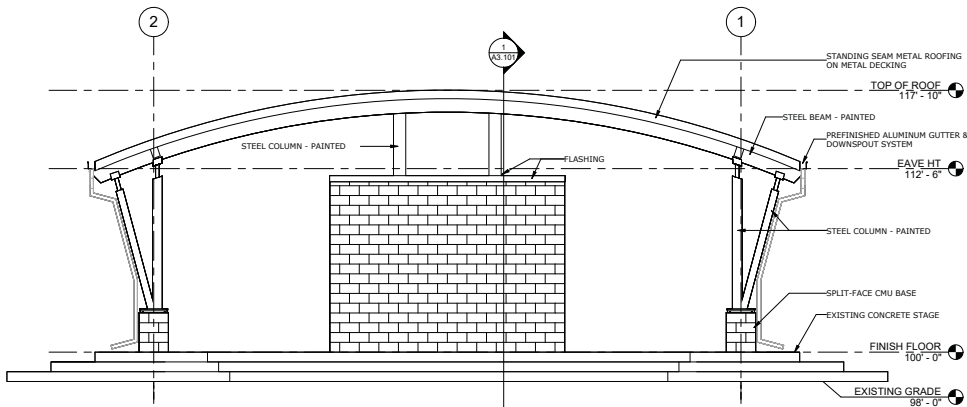
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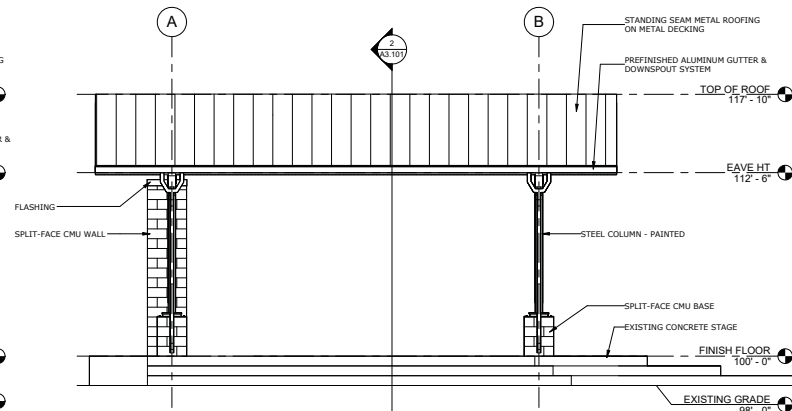
WEST ELEVATION | 1
1/4" = 1'-0"



NORTH ELEVATION | 2
1/4" = 1'-0"

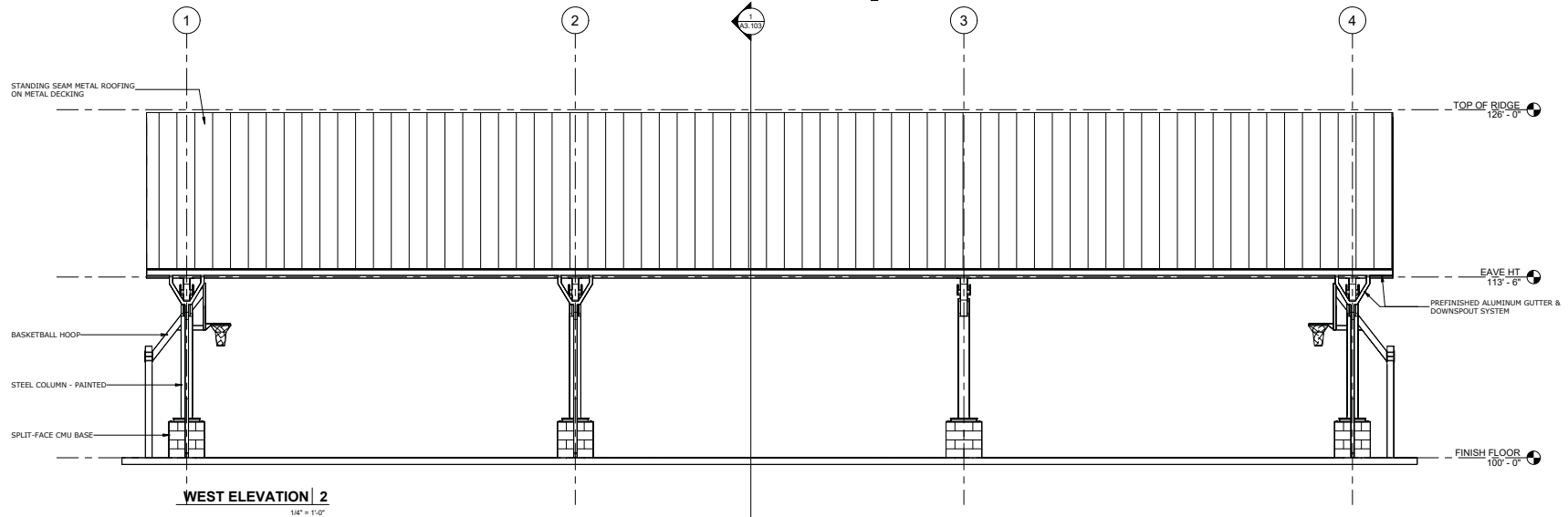
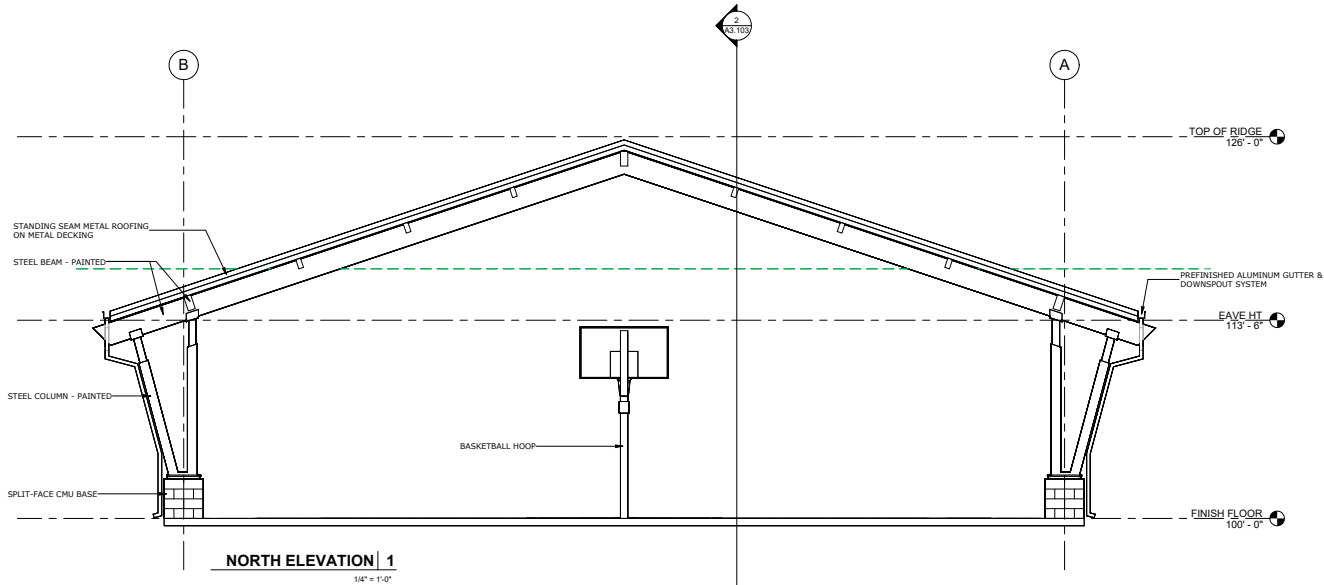


EAST ELEVATION | 3
1/4" = 1'-0"



SOUTH ELEVATION | 4
1/4" = 1'-0"

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COMMUNITY
SOLUTIONS
GROUP



618 E. SOUTH STREET
SUITE 700
ORLANDO, FL 32801
407 423-8398

CERTIFICATE OF AUTHORIZATION: EB9951

PROJECT

CAULEY LOTT PARK

BASKETBALL COURT
1717 N. HIGHLAND STREET,
MOUNT DORA, FL 32757

ISSUED FOR
PERMIT

CONSULTANTS



HOUSEMAN
ARCHITECTS

931 S. SEMINOLE BLVD., SUITE 200
ORLANDO, FL 32801
407 423-8398
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ARCHITECTS, INC.

REVISIONS:

PROJECT NUMBER 20-021

DATE: 12/17/2021

DRAWN:

CHECKED:

APPROVED:

REGISTRATION

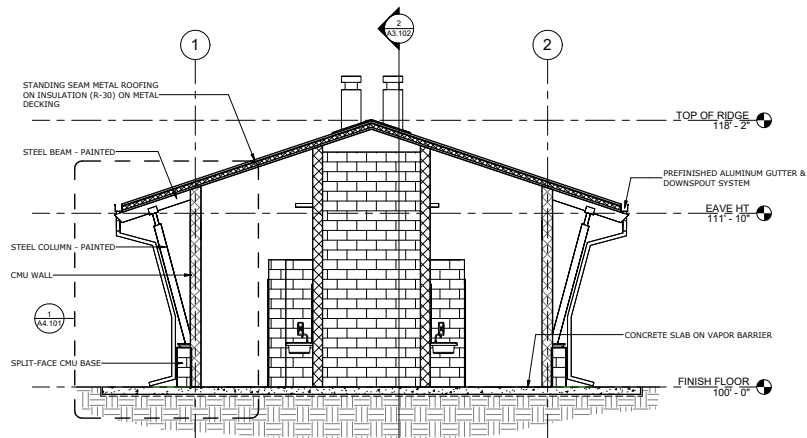
SHEET TITLE

**BASKETBALL COURT
ELEVATIONS**

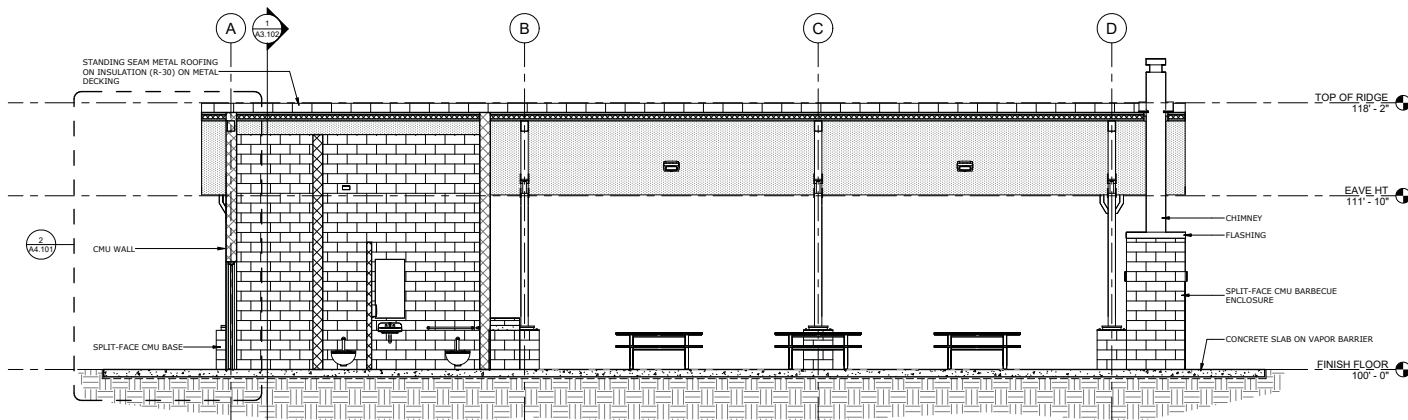
SHEET NUMBER

A2.103

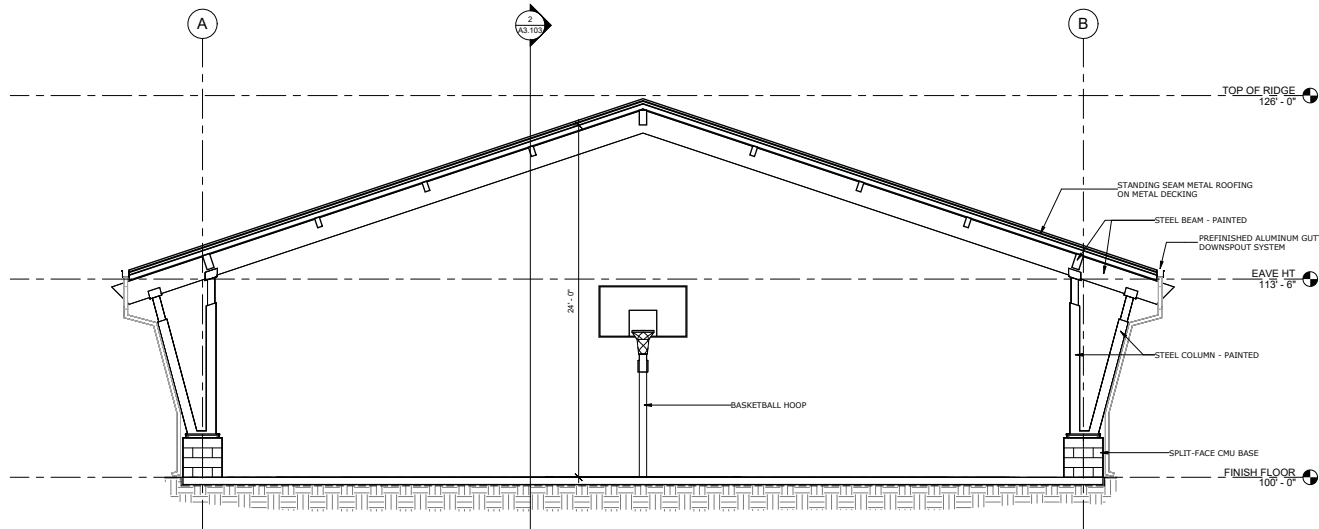
A GAI CONSULTANTS, INC. SERVICE GROUP



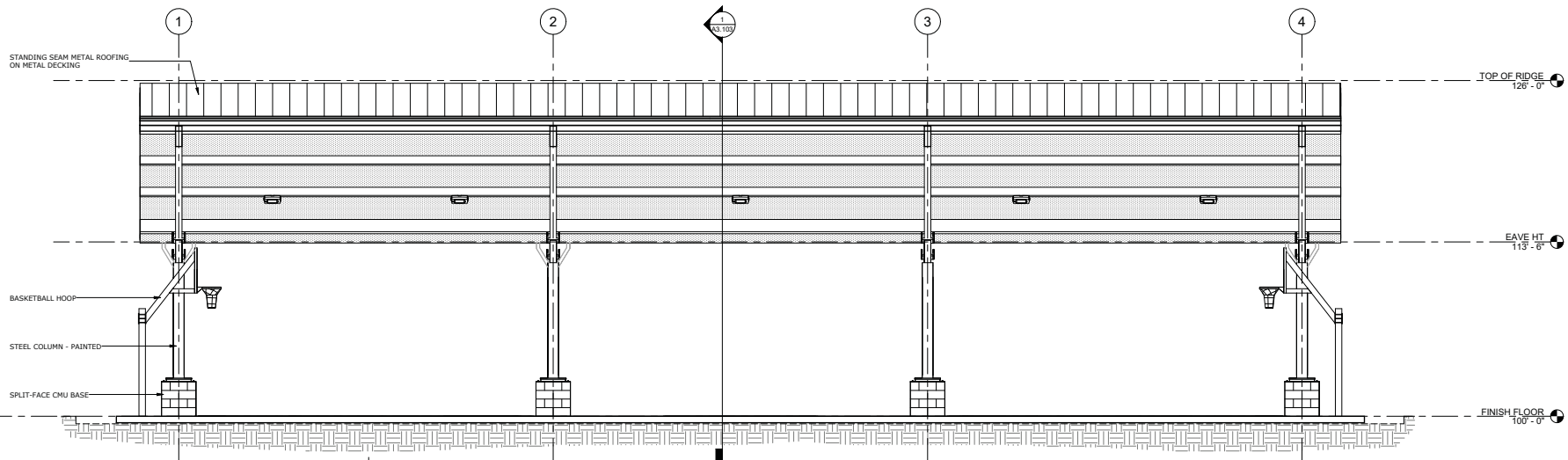
BUILDING SECTION | 1
1/4" = 1'-0"



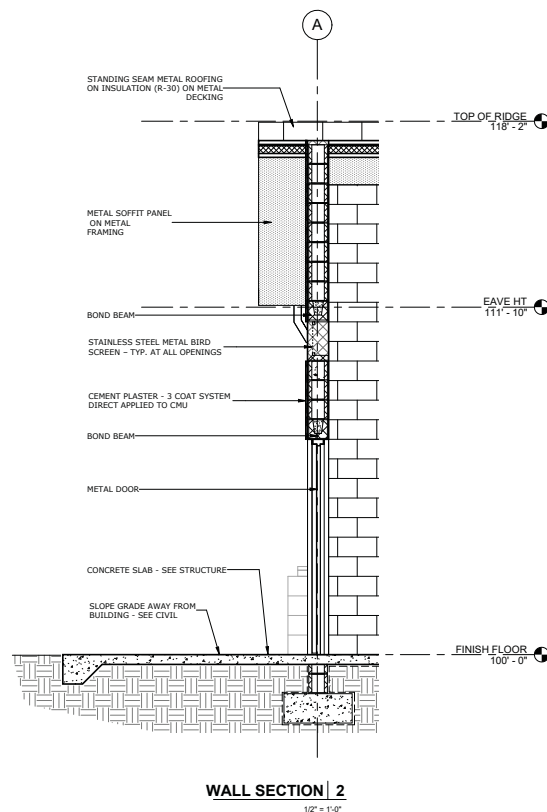
BUILDING SECTION | 2
1/4" = 1'-0"



BUILDING SECTION | 1



BUILDING SECTION | 2



BARBECUE VIEW | 1

BARBECUE ELEVATION | 2

BARBECUE SECTION | 3
1/2" = 1'-0"

BUILT-IN COUNTER ELEVATION | 4
1/2" = 1'-0"

**COMMUNITY
SOLUTIONS
GROUP**



518 E. SOUTH STREET
SUITE 700
ORLANDO, FL 32801
407 423-8398
CERTIFICATE OF AUTHORIZATION: EB9951

PROJECT
CAULEY LOTT PARK
BASKETBALL COURT
1717 N. HIGHLAND STREET,
MOUNT DORA, FL 32757

ISSUED FOR
PERMIT

CONSULTANTS



REVISIONS: _____

[illegible]

PROJECT NUMBER 20-021

DATE: 12/17/2021

DRAWN:

CHECKED: _____

APPROVED:

REGISTRATION

SHEET TITLE

BASKETBALL COURT
REFLECTED CEILING
PLAN

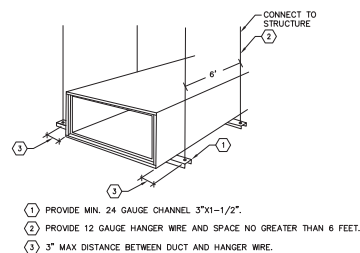
SHEET NUMBER

A8.103

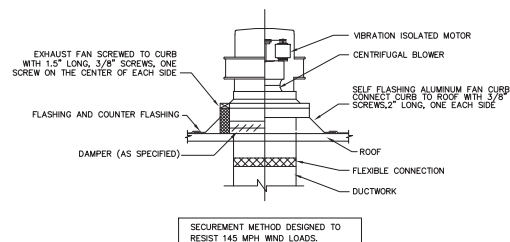
A GAI CONSULTANTS, INC. SERVICE GROUP

1. ALL WORK SHALL BE IN ACCORDANCE WITH APPLICABLE CODES. TO THE BEST OF THE ENGINEER'S KNOWLEDGE, ALL DRAWINGS AND SPECIFICATIONS COMPLY WITH MINIMUM EXISTING CODES.
2. CONTRACTOR SHALL PROVIDE ALL WORK CUSTOMARILY INCLUDED IF NOT SPECIFICALLY CALLED FOR ON THE PLANS. ALL WORK SHALL BE IN ACCORDANCE WITH BASE BUILDING PLANS AND SPECIFICATIONS.
3. CONTRACTOR TO CONSULT BUILDING OWNER FOR BUILDING STANDARDS AND CONTROL SPECIFICATIONS.
4. CONTRACTOR SHALL CONFIRM THE EXISTENCE OF FIRE DAMPERS AS REQUIRED BY CODE IN ANY DUCTWORK.
5. CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE HIMSELF WITH ALL DETAILS OF THE WORK AND EXISTING CONDITIONS. THE INTENT OF THESE NOTES AND MECHANICAL NOTES ON DRAWINGS IS TO CLARIFY THE SCOPE OF WORK AND ALERT CONTRACTOR OF EXISTING CONDITIONS. CONTRACTOR SHALL MANAGE RISKS BEFORE BEGINNING WORK. CONTRACTOR TO PROVIDE ADDITIONAL OFFSET AND ANCHORING TO DUCT SIZES TO MEET FIELD CONDITIONS AND COORDINATE WITH ELECTRICAL AND PLUMBING TRADES. CONTRACTOR BEFORE ANY CONSTRUCTION WORK.
6. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL TRADES INSTALLATION SCHEDULES, FIXED WORK SUCH AS DUCTWORK AND PLUMBING SHALL BE INSTALLED PRIOR TO ANY TRADE WORK THAT CAN BE EASILY RELOCATED OR OFFSET SUCH AS ELECTRICAL CONDUTS AND SMALL WATER LINES, ETC.
7. CONTRACTOR SHALL REVIEW STRUCTURE/STRUCTURAL DRAWINGS BEFORE INSTALLATION TO AVOID ANY CONFLICTS AND COORDINATE WITH ARCHITECT AND ELECTRICAL TRADES ACCORDINGLY.
8. CONTRACTOR SHALL PROVIDE A COPY "CERTIFIED" TEST AND BALANCE REPORT AT FINAL INSPECTION. BALANCE AIR DISTRIBUTION SYSTEMS TO QUANTITIES AS INDICATED ON DRAWINGS. THIS INCLUDES ALL OF THE AIR DISTRIBUTION AND VAV BOXES AS REQUIRED.
9. ALL SUPPLY TAKE-OFFS ARE CONNECTED TO HARD TRUNK DUCT WITH SPIN-IN FITTING OR TAB CARLSON DAMPER/SPRINGER DAMPER OF SIZE 1/2" INLET AND DUCT CONNECTION. FLEXIBLE DUCT SHALL BE STRAIGHT WITH NO SAGS OR EXCESS DUCT. TOTAL LENGTHS SHALL NOT EXCEED 15 FEET. EXCESS DUCT AND SAGS ARE TO BE REMOVED. CONTRACTOR SHALL PROVIDE ADDITIONAL OFFSET AND ANCHORING AS SPECIFICALLY CALLED FOR ON THE PLANS. THERM-A-LEX OR EQUAL INSULATED FLEX DUCT CONFORMING TO NFPA-90A AND UL 181 FOR "AIR DUCT CONNECTION".
10. MATCH DIFFUSER MOUNTING FRAME WITH CEILING TYPE.
11. ALL DUCT SIZES INDICATED ON DRAWINGS ARE INSIDE CLEAR DIMENSIONS.
12. ALL DUCTWORK SHALL BE 1.57" THICK FIBERGLASS, EXCLUDING FLEX DUCT CONNECTIONS. ALL FLEXIBLE DUCT SHALL BE ATCO BRAND (CLASS C) WITH AN INSULATION VALUE OF 0.9. ALL JOINTS MUST BE MECHANICALLY FASTENED TO BE REMOVED. ALL DUCTWORK SHALL BE PROPERLY SUPPORTED AND SEALING SHALL BE APPROVED METHOD AS STATED IN FPMG TABLE 608 AND SECTIONS 603.1 THRU 603.17. ALL DUCTWORK SHALL MEET THE FOLLOWING REQUIREMENTS:
 - A. GREAT OPENINGS SHALL BE SEALED AND PROTECTED PER FM 401.5. ALL OPENINGS SHALL BE INTAKE "P" BUT, LESS THAN 1". OPENINGS SHALL CONFORM WITH AMCA 550 FOR HURRICANE PRONE REGIONS.
 - B. RE-ADJUST THE THROW OF AIR DISTRIBUTION DEVICES AFFECTED BY THE ADDITION OR REMOVAL OF PARTITIONS.
 - C. ALL CEILING MOUNTED DIFFUSERS SHALL BE 40"X40" THRU UNLESS OTHERWISE NOTED.
13. IN GENERAL, PLANS AND DIAGRAMS ARE SCHEMATIC ONLY AND SHOULD NOT BE SCALED.
14. COORDINATE AIR DEVICE LOCATIONS WITH LIGHTING FIXTURES.
15. TURNING VANES SHALL BE PROVIDED IN ALL SUPPLY DUCT RECTANGULAR ELBOWS WITH ANGLES BETWEEN 15 DEGREES AND LESS THAN 90 DEGREES PER SMACNA.
16. DUCTWORK SHALL NOT BE SUPPORTED BY THE CEILING OR CLASH SUSPENSION SYSTEM.
17. ALL WALL MOUNTED THERMOSTATS AND/OR TEMPERATURE SENSORS SHALL BE INSTALLED AT AN ELEVATION OF 5' TO 7' A.F. TO THE FACE OF THE WALL. CONTRACTOR SHALL PROVIDE A CONTRACTOR IF THEY ARE RELOCATED. THERMOSTATS SHALL BE FASTENED BY PLASTIC SHEILD AND SCREWS.
18. UNLESS OTHERWISE NOTED, INSTANT DUCTWORK AS HIGH AS POSSIBLE, TIGHT TO BOTTOM STRUCTURE. COORDINATE DUCT ELEVATION WITH WATER PIPING, SANITARY DRAINS AND MAJOR ELECTRICAL CONDUTS.
19. PROVIDE ALL SUPPLEMENTARY STEEL REQUIRED TO INSTALL MECHANICAL EQUIPMENT AND MATERIALS.
20. ALL DASHED LINE EQUIPMENT AND DUCTWORK ARE EXISTING. ALL SOLID LINE EQUIPMENT AND DUCTWORK ARE NEW UNDER TENANT WORK EXCEPT FOR DIFFUSERS.
21. INSTALLATION OF MECHANICAL EQUIPMENT SHALL COMPLY WITH THE MANUFACTURER'S SPECIFICATIONS.
22. UTILITIES AND SERVICES INDICATED ARE TAKEN FROM VARIOUS OLD AND NEW SURVEYS, AS-BUILT RECORDS, AND FIELD INVESTIGATION. IT IS TO BE UNDERSTOOD THAT UNFORESEEN CONDITIONS PROBABLY EXIST AND NEW WORK MAY NOT BE FIELD LOCATED EXACTLY AS SHOWN ON DRAWINGS.
23. ALL MECHANICAL WORK SHALL LEAVE BUILDING/STRUCTURE IN A SAFE STRUCTURAL CONDITION IN ACCORDANCE WITH FBC CHAPTER 16 AS REQUIRED BY THE BUILDING CODE.
24. TO THE BEST OF THE ENGINEER'S KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND THE APPLICABLE FIRE SAFETY STANDARDS AS DETERMINED BY THE APPLICABLE INSULATION IN ACCORDANCE WITH SECTION AND CHAPTER 603, FLORIDA STATUTES, FSC 170.04.
25. ALL CONDENSATE LINES SHALL BE SCHEDULE 40 PVC AND INSULATED WITH 1/2" THICK ARMAREX INSULATION. CONDENSATE LINES SHALL HAVE MIN 18" PER FT SLOPE AND HAVE P-TRAP AT AIR HANDLING UNIT.
26. CONTRACTOR SHALL PROVIDE AN ACCESS PANEL OR CONCEALED DAMPER REGULATOR FOR ALL MANJIA VOLUME DAMPERS/SPRINGER DAMPERS ABOVE HANGING CEILING/UNDER SLOPED ROOF.

FAN SCHEDULE												
REMARKS												
MARK EF	SERVICE	LOCATION	CFM	EXT.SP WG	MOTOR W	MOTOR V/φ	MAX RPM	DRIVE TYPE	WEIGHT	INTERLOCK	BASIS OF DESIGN	ACCESSORIES
1	RESTROOM	CEILING	200	0.25	16.9	115/1	1366	DIRECT	20 lbs	LIGHTS	GREENHECK G-070-VG OR APPROVED EQUAL	①②③④
ACCESSORIES												
① SPEED CONTROLLER ③ BACKDRAFT DAMPER ④ CONTROLLED BY TIME CLOCK ② MOTOR WITH THERMAL OVERLOAD												



- ① PROVIDE MIN. 24 GAUGE CHANNEL 3"x1-1/2".
- ② PROVIDE 12 GAUGE HANGER WIRE AND SPACE NO GREATER THAN 6 FEET.
- ③ 3" MAX DISTANCE BETWEEN DUCT AND HANGER WIRE.



SECUREMENT METHOD DESIGNED TO
RESIST 145 MPH WIND LOADS.

RESTROOMS
4 FIXTURES X 50 CFM/FIXTURE= 200 CFM OF EXHAUST REQUIRED
200 CFM OF EXHAUST PROVIDED BY EF-1.



gal consultants

618 E. SOUTH STREET
SUITE 700
ORLANDO, FL 32801
407 423-8398

CERTIFICATE OF AUTHORIZATION: EB295

PROJECT

CAULEY LOTT
PARK

1717 N. HIGHLAND STREET,
MOUNT DOBA, FL 32757

ISSUED FOR
PERMIT

CONSULTANTS



REVISIONS

[illegible]

PROJECT NUMBER A171115.07

doi:10.1017/S0022292412001904

DRAWN: W&G

100.00 0.000 100.00 0.000 100.00

CHECKED: WAG

APPROVED: _____ V&G

REGISTRATION

SHEET TITLE

CAULEY LOTT PARK
MECHANICAL
NOTES AND

SHEET NUMBER

M1.001

A GIL CONSULTANTS, INC. SERVICE GROUP

Z:\VALENTY LOTT\WHS-UNGS-ELECTRICAL.DWG
This drawing was produced with computer-aided drafting technology and is therefore to be interpreted as a computer-generated drawing. Do not make this drawing an original drafting document.

GENERAL ELECTRICAL NOTES

1. CONTRACTOR SHALL VERIFY EXISTING JOB SITE CONDITIONS DURING THE BIDDING PERIOD. THE SCOPE OF ELECTRICAL WORK INVOLVED AS A RESULT OF ARCHITECTURAL MODIFICATIONS TO THE EXISTING STRUCTURE. THE SCOPE OF WORK SHALL INCLUDE MATERIALS AND OUTLETS CORRECTING OF FIXTURES, DEVICES, EQUIPMENT OR APPARATUS WHICH MUST BE ROUTED, RELOCATED, OR REMOVED EITHER TEMPORARILY OR PERMANENTLY, OR WHICH MUST BE PROVIDED SO THAT THE EXISTING REMODELING MAY BE ACCOMPLISHED.

2. RE-ESTABLISH SERVICE TO ALL OUTLETS THAT MAY BE INTERRUPTED BECAUSE OF REMODELING WORK.

3. PROVIDE ALL PERTINENCES REQUIRED TO REROUTE, RELOCATE, REMOVE, OR REINSTALL ALL ITEMS DESCRIBED IN THESE NOTES.

4. RETAIN ALL MATERIALS BEING REMOVED AND NOTIFY BUILDING MANAGER FOR DIRECTION AS TO MATERIALS TO BE SAVED OR DISCARDED. DELIVER THOSE MATERIALS TO BE SAVED TO THE LOCATION ON THE PREMISES AS DIRECTED BY THE BUILDING MANAGER.

5. REFER TO ARCHITECTURAL/INTERIOR DRAWINGS FOR EXACT LOCATIONS OF LIGHTING FIXTURES AND OUTLETS. ALL WALL POWER AND TELEPHONE OUTLETS SHALL BE MOUNTED AT 4" A.F.F. TO CENTER AND ALL LIGHT AND DIMMER SWITCHES SHALL BE MOUNTED AT 4" A.F.F. TO CENTER. EXCEPT WHERE SPECIFICALLY INDICATED OTHERWISE ON THE PLANS, DIMENSIONS NOTED ON ARCHITECTURAL/INTERIOR DESIGNERS' DRAWINGS SHALL PREVAIL.

6. NEW EXIST LIGHT FIXTURES SHALL MATCH EXISTING EXIST LIGHT FIXTURE IN SAME AREA.

7. CONTRACTOR SHALL PROVIDE, INSTALL AND CONNECT NEW BATTERY BACKUP (MINIMUM 120 LUMENS) IN EXISTING RELOCATED LIGHT FIXTURES FOR EMERGENCY LIGHTING. MINIMUM 1.5 HR. OF BACKUP. (TYPICAL FOR ALL NON-GENERATOR BACKUP SYSTEMS.)

8. CONTRACTOR MAY COMBINE WIRES IN ONE CONDUIT FOR CONVENIENCE OF INSTALLATION, PROVIDED ALL THE REQUIREMENTS OF THE N.E.C. ARE OBSERVED.

9. ALL ELECTRICAL EQUIPMENT IS SHOWN DIAGRAMMATICALLY. EXACT LOCATIONS ARE TO BE DETERMINED IN THE FIELD AVOIDING INTERFERENCES.

10. THE INSTALLATION SHALL COMPLY WITH SPECIFICATIONS AND ALL REQUIREMENTS OF THE LATEST EDITION OF THE N.E.C., OSHA, STATE AND LOCAL CODES.

- FLORIDA BUILDING CODE 2020, 77th EDITION
- FLORIDA FIRE PREVENTION CODE 2020, 77th EDITION
- NFPA 70 NATIONAL ELECTRICAL CODE 2017
- NFPA 72 NATIONAL FIRE ALARM CODE 2016
- NFPA 101 LIFE SAFETY CODE 2018

11. ALL WIRE SHALL BE COPPER, ALL WIRE, CONDUIT AND BREAKERS SHALL BE #12 COPPER WIRE (THIN OR THICK), 1/2" CONDUIT AND 20 AMP SINGLE POLE BREAKERS UNLESS OTHERWISE NOTED. (TYPICAL)

12. WHEN BRANCH CIRCUIT LENGTH EXCEEDS 75 FEET FROM PANEL, WIRING SHALL BE INCREASED TO #10 AWG WITH #10 AWG GROUND. WHEN BRANCH CIRCUIT LENGTH EXCEEDS 150 FEET FROM PANEL, BRANCH WIRING SHALL BE INCREASED TO #8 AWG WITH #8 AWG GROUND.

13. PROVIDE #8 COPPER GROUND TO TELEPHONE BACKBOARD.

14. PROVIDE GROUND CONDUCTOR IN ALL RACEWAYS.

15. CONTRACTOR SHALL UPDATE PANEL DIRECTORY AS PER WIRING IN FIELD.

16. CONTRACTOR SHALL USE EXISTING SPARE BREAKERS/SUMPS IN PANEL(S) AND CIRCUITS MADE AVAILABLE THROUGH DEMOLITION PRIOR TO ADDING NEW PANEL(S). VERIFY IN FIELD.

17. THE INSTALLATION OF WIRING, RACEWAY AND DEVICES FOR THE FIRE ALARM SHALL BE IN ACCORDANCE WITH ALL APPLICABLE CITY CODES, NFPA CODES AND UNIFORM RULE #44-8, RULES AND REGULATIONS OF THE STATE FIRE MARSHAL'S OFFICE, F.S. 633.01 AND 633.01.

18. THE FIRE ALARM CONTRACTOR SHALL PERFORM A SITE VISIT PRIOR TO BID TO VERIFY ENOUGH POWER EXISTS TO OPERATE ALL NEW AND EXISTING FIRE ALARM DEVICES. INCLUDE AN EXPANDER PANEL IF REQUIRED.

19. ALL CIRCUIT BREAKERS FOR MECHANICAL EQUIPMENT SHALL BE HACR RATED.

20. NEW BREAKERS ADDED TO EXISTING PANELS SHALL HAVE SAME A.I.C. RATINGS AS EXISTING BREAKERS UNLESS NOTED OTHERWISE.

21. VOLTAGE DROP HAS BEEN CALCULATED IN COMPLIANCE WITH FBC ENERGY CONSERVATION CODE(S) AND NEC 210.19(A) (FPMR). VOLTAGE DROP IN COMBINED CONDUCTORS TO BE MAXIMUM OF 5% AT DESIGN LOAD.

22. FIRE ALARM PERMIT DRAWINGS SHALL BE PREPARED AND SUBMITTED BY THE FIRE ALARM SYSTEM CONTRACTOR.

23. ANY NEW FIRE ALARM VISUAL DEVICES SHALL HAVE A CANDLEA RATING OF 75 UNLESS NOTED OTHERWISE. ANY NEW FIRE ALARM AUDIO DEVICES SHALL HAVE A MINIMUM 95 DECEBEL OUTPUT. ANY NEW FIRE ALARM BREAKER DEVICES SHALL BE 0.5 WATT UNLESS NOTED OTHERWISE.

24. LIGHT FIXTURE SUPPORTED BY CEILING GRID SHALL BE SUPPORTED AS PER FIELD TECHNICAL INFORMATION AND LIGHT FIXTURES WEIGHING LESS THAN 10 LBS SHALL HAVE 1/2" GA HANGWIRE CONNECTED FROM THE FIXTURE TO THE STRUCTURE ABOVE. LIGHT FIXTURES WEIGHING MORE THAN 10 LBS SHALL HAVE 1/2" GA WIRES ATTACHED AT OPPOSING CORNERS OF THE LIGHT FIXTURE TO THE STRUCTURE ABOVE.

25. MINIMUM EMERGENCY ILLUMINATION SHALL BE PROVIDED FOR A PERIOD OF 1 1/2 HOURS IN THE EVENT OF FAILURE OF NORMAL LIGHTING. WITHIN THE WORK AREAS, EMERGENCY LIGHTING FACILITIES SHALL BE ARRANGED TO PROVIDE INITIAL ILLUMINATION THAT IS AT LEAST AN AVERAGE OF 1 FOOTCANDLE MEASURED ALONG THE PATH OF EGRESS AT FLOOR LEVEL. FBC 2020 1008, EXISTING FBC 2020 806.7.

26. BREAKERS FOR ALL MULTIPLE CIRCUIT HOMERUNS WHICH SHARE A COMMON NEUTRAL SHALL BE CONNECTED WITH BREAKER TIES.

27. TO THE BEST OF THE ENGINEER'S KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND THE APPLICABLE FIRE SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE WITH SECTION AND CHAPTER 630, FLORIDA STATUTES, FBC 160.4-4-2020.

28. ALL ELECTRICAL BOXES INSTALLED IN A FIRE RATED WALL SHALL BE SEPARATED BY A MINIMUM OF 3/4" OR BE PROTECTED BY LISTED PUTTY PADS. ALL LISTED ELECTRICAL BOXES INSTALLED IN A FIRE RATED WALL SHALL BE SEPARATED BY LISTING DISTANCE OF THE BOX OR BE PROTECTED BY LISTED PUTTY PADS. ELECTRICAL BOXES SHALL COMPLY WITH ALL CRITERIA SET FORTH IN FBC 714.3.2.

ELECTRICAL SYMBOLS LEGEND

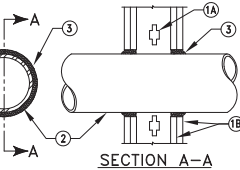
SYMBOLS	LEGEND	SYMBOLS	LEGEND
1	LIGHTING FIXTURE	11	TRANSFORMER - AS NOTED
2	WALL WASHER LIGHT FIXTURE	12	WALL COMMUNICATION OUTLET. PROVIDE MIN. 1" CONDUIT WITH PULL WIRES TO ABOVE CEILING (TELE/ DATA/ CABLE TV)
3	FLUORESCENT LIGHTING FIXTURE	13	FLOOR TELE/ DATA BOX
4	EXIT SIGN FIXTURE - ARROWS AS INDICATED	14	FIREMAN'S PHONE JACK
5	FIXTURES ON EMERGENCY CIRCUIT OR FURNISHED W/ BATTERY PACK	15	CARD READER
6	REMOTE EMERGENCY LIGHT W/ BATTERY PACK	16	PLUG/ JACO
7	S.P.S.T. TOGGLE SWITCH	17	MAGNETIC DOOR HOLDER (REF. HARDWARE SPEC'S)
8	THREE-WAY TOGGLE SWITCH / FOUR-WAY TOGGLE SWITCH	18	FIRE ALARM SMOKE DETECTOR - CEILING/WALL MOUNTED
9	SWITCH WITH PILOT LIGHT	19	FIRE ALARM SIGNAL LIGHT, MTD. 82" A.F.F.
10	DIMMER SWITCH	20	FIRE ALARM SPRINKLER FLOW SWITCH
11	DUPLEX RECEPTACLE OUTLET	21	FIRE ALARM SPRINKLER VALVE TAMPER SWITCH
12	DUPLEX RECEPTACLE OUTLET - MTD. ABOVE COUNTER	22	FIRE ALARM SMOKE DETECTOR - DUCT MOUNTED
13	QUADRAPLEX RECEPTACLE OUTLET	23	FIRE ALARM SPEAKER, CLG. MTD.
14	SINGLE RECEPTACLE OUTLET MTD. AS NOTED	24	FIRE ALARM COMBINATION AUDIO/VISUAL DEVICE WALL MTD. 82" A.F.F.
15	FLOOR OUTLET WITH RECEPTACLE	25	MANUAL STATION 48" A.F.F.
16	DEDICATED DUPLEX OUTLET	26	"C" INDICATES RELAY, "C" INDICATES CONTROL
17	SPECIAL PURPOSE OUTLET - AS NOTED	27	"T" INDICATES HORN, "S" INDICATES SPEAKER
18	JUNCTION BOX - CEILING MOUNTED	28	DO NOT USE ELEVATOR WARNING LIGHT (B.F.A. CONTRACTOR)
19	JUNCTION BOX - WALL MOUNTED	29	MOTION DAMPER
20	FLOOR JUNCTION BOX	30	SMOKE DAMPER
21	FURNITURE SYSTEM POWER POLE	31	ABANDONED
22	FURNITURE SYSTEM WALL POWER FEED	32	ABOVE FINISHED FLOOR OR GRADE
23	FURNITURE SYSTEM WALL TELE/ DATA	33	CEILING
24	DISCONNECT SWITCH - 30A/3 NF U.O.N.	34	EXISTING
25	FUSED DISCONNECT SWITCH	35	ELECTRIC DRINKING FOUNTAIN
26	ENCLOSED CIRCUIT BREAKER	36	GROUND FAULT INTERRUPTING
27	277/480 VOLT PANELBOARD	37	ISOLATED GROUND
28	120/208 VOLT PANELBOARD	38	LIGHTING
29	MOTOR	39	NON-FUSED
30	CONDUIT CONCEALED IN WALL OR OVERHEAD	40	ON CENTER
31	CONDUIT CONCEALED IN FLOOR OR UNDERGROUND	41	RELOCATED
32	CONDUIT RUN EXPOSED	42	REC RECEPTACLE
33	CONDUIT WHP UNDER RAISED FLOOR	43	SPARE
34	WIRE MARKERS INDICATE #12 CONDUCTORS OR AS NOTED	44	UNLESS OTHERWISE NOTED
35	GROUND CONNECTION AS NOTED	45	INDICATES WEATHERPROOF DEVICE OR PLATE
36	CONDUIT SUB-UP LOCATION	46	FIRE ALARM CONTROL PANEL
37	CONDUIT SUB-DOWN LOCATION	47	FIRE ALARM ANNUNCIATOR PANEL
38	SPECIAL PURPOSE CONDUIT SEE PLANS FOR NOTES	48	SIGNALING LINE CIRCUIT
39	MOTOR STARTER - MANUAL	49	NOTIFICATION APPLIANCE CIRCUIT
40	MOTOR STARTER - MAGNETIC	50	FIRE ALARM KNOX BOX
41	CONTROLLED SPLIT WIRE RECEPTACLE	51	CEILING MOUNTED SPEAKER
42	CEILING 180 OR WALL MOUNTED 90 OCCUPANCY SENSOR	52	CEILING MOUNTED DAYLIGHT SENSOR

NOTE: NOT ALL SYMBOLS ARE USED.

SYSTEM NO. W-L-1001

UPDATED JUNE 15, 2005

F Ratings - 1, 2, 3 and 4 Hr (See Item 2 and 3)
T Ratings - 0, 1, 2, 3, and 4 Hr (See Item 3)
L Rating @ Ambient - less than 1 CFM/sq ft
L Rating @ 400° F - less than 1 CFM/sq ft



1. **Wall Assembly** - The 1, 2, 3 or 4 hr fire-rated gypsum wallboard/ stud wall assembly shall be constructed of the materials and in the manner described in the Individual 1001 or 1400 Series Wall or Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:

A. Studs - Wall framing may consist of either wood studs (max 2 lbs fire rated assemblies) or steel channel studs, wood studs to consist of nominal 2 by 4 in. (51 by 102 mm) lumber spaced 18 in. (457 mm) OC with nominal 2 by 4 in. (51 by 102 mm) lumber end plates and cross bracing. Steel studs to be min 3x18 in. (51 by 457 mm) wide by 1x18 in. (51 mm) deep channels spaced max 24 in. (610 mm) OC.

B. Gypsum Board - Nom 1/2 or 5/8 in. (13 or 16 mm) thick, 4 ft. (122 cm) wide with square or tapered edges. The gypsum wallboard type, thickness, number of layers, fastener type and sheet orientation shall be as specified in the Individual 1001 or 1400 Series Design in the UL Fire Resistance Directory. Min. diam of opening is 28 in. (660 mm).

2. **Through Penetrants** - One metallic pipe, conduit or tubing installed either concentrically or eccentrically within the firestop system. The annular space between pipe, conduit or tubing and periphery of opening shall be min of 6 in. (152 mm) (joint contact) to max 2 in. (51 mm). This conduit or tubing to be tightly supported on both sides of wall assembly. The following types and sizes of metallic pipes, conduits or tubing may be used:

A. Steel Pipe - Nom 24 in. (610 mm) diam (or smaller) Schedule 10 (or heavier) steel pipe.

B. Iron Pipe - Nom 24 in. (610 mm) diam (or smaller) standard weight (or heavier) cast iron soil pipe, nom 12 in. (305 mm) diam (or smaller) or Class 50 (or heavier) ductile iron pressure pipe.

C. Conduit - Nom 6 in. (152 mm) diam (or smaller) steel conduit or nom 4 in. (102 mm) diam (or smaller) steel ductile metal tubing.

D. Copper Tubing - Nom 6 in. (152 mm) diam (or smaller) Type L (or heavier) copper tubing.

E. Copper Pipe - Nom 6 in. (152 mm) diam (or smaller) regular (or heavier) copper pipe.

3. **Through Penetrant Product** - **Flexible Metal Piping** - The following types of steel flexible metal pipe piping may be used:

1. Nom 2 in. (51 mm) diam (or smaller) steel flexible metal pipe piping. Plastic covering on piping may or may not be removed on both sides of floor or wall assembly.

2. Nom 1 in. (25 mm) diam (or smaller) steel flexible metal pipe piping. Plastic covering on piping may or may not be removed on both sides of floor or wall assembly.

3. Nom 1 in. (25 mm) diam (or smaller) steel flexible metal pipe piping. Plastic covering on piping may or may not be removed on both sides of floor or wall assembly.

4. **CASTITE, DIV. OF TITETEX**

WARD HFS INC

3. **Fire-Rated or Conduit Material** - **Caulk, Sealant** - Min 5/8 in. 1-1/4 in. 1-7/8 in. 2-1/2 in. (16, 32, 48 and 64 mm) thickness of caulk for 1, 2, 3 and 4 hr rated assemblies, respectively, applied within annulus. Bush with both surfaces of wall. Min 1/4 in. (6 mm) diam bead of caulk applied to gypsum board/pendant interface at joint contact location on both sides of wall. The hourly F Rating of the firestop system is dependent upon the hourly fire rating of the wall assembly in which it is installed, as shown in the following table:
The hourly F Rating of the firestop system is dependent upon the type or size of the pipe or conduit and the hourly fire rating of the wall assembly in which it is installed, as tabulated below:

Max Pipe or Conduit Diam In.	F Rating Hr	T Rating Hr
1 (25)	1 or 2	0, 1, or 2
1 (25)	3 or 4	3 or 4
4 (102)	1 or 2	0
6 (152)	3 or 4	0
12 (305)	1 or 2	0

*When copper pipe is used, T Rating is 0 hr.

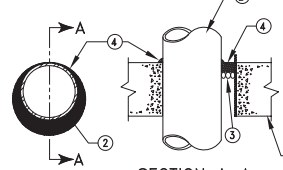
3H COMPANY - CP 250B+ or FB-3000 WT.

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SYSTEM NO. C-AJ-1044

UPDATED MARCH 15, 2007

F Ratings - 2, 3, and 4 Hr (See Item 2A and 4)
T Rating - 0 Hr
L Rating @ Ambient - 2 CFM/sq ft
L Rating @ 400° F - less than 1 CFM/sq ft
W Rating - Class 1 (See Item 4)



1. **Floor or Wall Assembly** - Lightweight or normal weight (100-150 pcf or 1500-2400 kg/m³) concrete. Except as noted in table under Item 4, min thickness of concrete floor or wall assembly is 4-1/2 in. (114 mm). Floor may also be constructed of min 6 in. (152 mm) thick UL Classified hollow core Precast Concrete Units*, when floor is constructed of hollow core precast concrete units, packing material (Item 3) and caulk (Item 4) must be installed symmetrically on both sides of floor. Bush with floor surface. Wall assembly may also be constructed of any UL Classified Concrete Block*. Min diam of opening is 18 in. (457 mm) or normal weight concrete, floor is 12 in. (305 mm) thick, Min diam of opening in floor constructed of hollow core precast concrete units is 7 in. (178 mm).

See Concrete Blocks (CA27) and Precast Concrete Units (CFV) categories in the Fire Resistance Directory for names of manufacturers.

1A. **Steel Shear** (Optional, not shown) - Nom. 3/8 in. (406 mm) diam. (or smaller) Schedule 10 (or heavier) steel shear cast or grouted into floor or wall assembly. Shear may extend a max of 2 in. (51 mm) above top of floor or beyond other surface of wall. As an alternate, nom. 16 in. (406 mm) diam. (or smaller) min 1/2 in. (6 mm) thick galvanized steel steel plate cast or grouted into floor or wall assembly flush with floor or wall surface.

2. **Through Penetrants** - One metallic pipe, conduit or tubing to be installed either concentrically or eccentrically within the firestop system. Min annular space between pipe, conduit or tubing and edge of opening or sleeve is dependent on the parameters shown in Item 4. Min annular space between pipe or conduit and edge of through opening is 0 in. (joint contact). Min. annular space to be as shown in the table in Item 4. Pipes, conduit or tubing to be tightly supported on both sides of floor or wall assembly. The following types and sizes of metallic pipes, conduits or tubing may be used:

A. Steel Pipe - Nom 30 in. (762 mm) diam (or smaller) Schedule 10 (or heavier) steel pipe.

B. Iron Pipe - Nom 30 in. (762 mm) diam (or smaller) cast or ductile iron pipe.

C. Conduit - Nom 6 in. (152 mm) diam (or smaller) steel conduit or nom 4 in. (102 mm) diam (or smaller) steel ductile metal tubing.

D. Copper Tubing - Nom 6 in. (152 mm) diam (or smaller) regular (or heavier) copper pipe.

E. Copper Pipe - Nom 6 in. (152 mm) diam (or smaller) regular (or heavier) copper pipe.

3. **Packing Material** - Polyethylene backer rod or nom 1 in. (25 mm) thickness of tightly-spaced mineral wool batt or glass fiber insulation firmly packed into space by a permanent form. Packing material to be recessed from top surface of floor or from both surfaces of wall as required to accommodate the required thickness of caulk (Item 4).

3A. **Forming Material** - As an alternate to the packing material in Item 3, nom. 4 in. (102 mm) wide strips of min. 1/2 in. (13 mm) thick compressible mat to be stacked to a thickness greater than the width of the annular space and compression-tight, edge-first, to the annular space to a min. 4 in. (102 mm) depth. As an option, the strips of min. 1/2 in. (13 mm) thick compressible mat may be folded in half lengthwise, and stacked to a thickness greater than the width of the annular space and compression-tight, edge-first, to the annular space to a min. 2 in. (51 mm) depth. Top of forming material to be recessed from top surface of floor or from both surfaces of wall as necessary to accommodate the required thickness of caulk (Item 4).

3H COMPANY - Fire Barrier Packing Material.

4. **Fire-Rated or Conduit Material** - **Caulk, Sealant** - Applied to fill the annular space flush with top surface of floor. In wall assemblies, required caulk thickness to be installed symmetrically on both sides of wall. Bush with wall surface. At joint contact location between pendant and sleeve or between pendant and concrete, a min 1/4 in. (6 mm) diam bead of caulk shall be applied at top surface of floor and at both surfaces of wall. The hourly F Rating and the min required caulk thicknesses are dependent upon a number of parameters, as shown in the following table:

Min Floor or Wall Thickness In. (mm)	Min Pipe Tube or Conduit In. (mm)	Min Annular Space In. (mm)	Min Caulk Thickness In. (mm)	F Rating Hr
2-1/2 (64)	1/2-1 (12-25)	1/2-3/8 (6-9)	2-1/2 (64)	2
2-1/2 (64)	1/2-1 (12-25)	3/4-1 (9-25)	3-1/4 (88)	2
4-1/2 (114)	1/2-1 (12-25)	2-3/8 (59)	2-1/2 (64)	2
4-1/2 (114)	1/2-1 (12-25)	3/4-1 (9-25)	3-1/4 (88)	2
4-1/2 (114)	1/2-1 (12-25)	2 (51)	2-1/2 (64)	3
4-1/2 (114)	1/2-1 (12-25)	2 (51)	2-1/2 (64)	3
4-1/2 (114)	1/2-1 (12-25)	3/4-1 (9-25)	3-1/4 (88)	3
4-1/2 (114)	1/2-1 (12-25)	2 (51)	2-1/2 (64)	3
4-1/2 (114)	1/2-1 (12-25)	3/4-1 (9-25)	3-1/4 (88)	3

a. Min 2 in. (51 mm) thickness of mineral wool batt insulation or forming material (Item 3A) required in annular space.

b. Min. 1 in. (25 mm) thickness of mineral wool batt insulation required in annular space on both sides of floor or wall assembly. Min 1 in. (25 mm) thickness of caulk to be installed flush with each surface of floor or wall assembly.

3H COMPANY - CP 250B+ or FB-3000 WT. (Notes W Rating applies only when FB-3000 WT sealant is used.)

*Bearing the UL Classification Marking Copyright 2010 by Underwriters Laboratories Inc.

COMMUNITY SOLUTIONS

1717 N. HIGHLAND STREET, MOUNT DORA, FL 32757

407 423-5398

CERTIFICATE OF AUTHORIZATION EB0801



618 E. SOUTH STREET SUITE 700

ORLANDO, FL 32801

407 423-5398

CERTIFICATE OF AUTHORIZATION EB0801

PROJECT

CAULEY LOTT PARK

1717 N. HIGHLAND STREET, MOUNT DORA, FL 32757

ISSUED FOR PERMIT

REVISIONS:

DATE: 12/17/2024

CHECKED: VBS/G

APPROVED: VBS/G

REVISION:

PROJECT NUMBER: A171115.07

DATE: 12/17/2024

CHECKED: VBS/G

APPROVED: VBS/G

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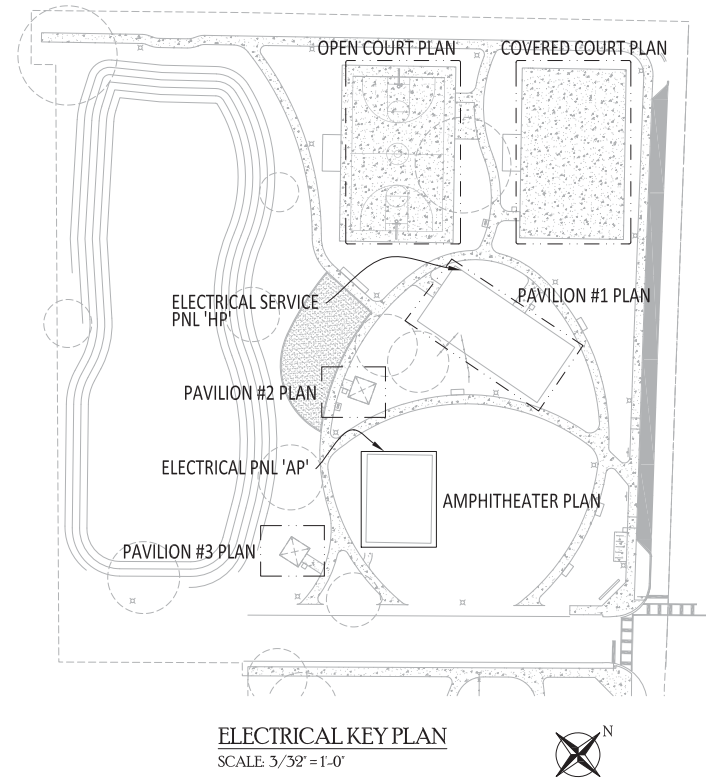
APPROVED: VBS/G

REVISION:

PROJECT NUMBER: A171115.07

DATE: 12/17/2024

Z:\VALEY LOTT PARK\WMS-ELECTRICAL\DWG
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618 E. SOUTH STREET
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PROJECT
CAULEY LOTT PARK
1717 N. HIGHLAND STREET,
MOUNT DORA, FL 32757

ISSUED FOR
PERMIT



REVISIONS:	

PROJECT NUMBER: A171115.07
DATE: 12/17/2021
DRAWN: WJG
CHECKED: WJG
APPROVED: WJG
REGISTRATION
CAULEY LOTT PARK

SHEET TITLE
ELECTRICAL KEY PLAN

SHEET NUMBER
E1.100

A G4 CONSULTANTS, INC. SERVICE GROUP

POWER NOTES

1. CONTRACTOR SHALL COORDINATE UNDERGROUND CONDUIT FROM PAVILION TO AMPHITHEATER FOR PANEL 'AP' POWER.

GENERAL POWER NOTES:

1. FOR 120V CIRCUITS, WHEN BRANCH CIRCUIT LENGTH EXCEEDS 75 FEET FROM PANEL, WIRING SHALL BE INCREASED TO #10 AWG WITH #10 AWG GROUND. WHEN BRANCH CIRCUIT LENGTH EXCEEDS 150 FEET FROM PANEL, BRANCH WIRING SHALL BE INCREASED TO #8 AWG WITH #8 AWG GROUND.
2. FOR 277V CIRCUITS, WHEN BRANCH CIRCUIT LENGTH EXCEEDS 100 FEET FROM PANEL, WIRING SHALL BE INCREASED TO #10 AWG WITH #10 AWG GROUND. WHEN BRANCH CIRCUIT LENGTH EXCEEDS 150 FEET FROM PANEL, BRANCH WIRING SHALL BE INCREASED TO #8 AWG WITH #8 AWG GROUND.
3. ADDITIONAL POWER MAY BE REQUIRED FOR FIRE ALARM SYSTEM.
4. CONTRACTOR SHALL PATCH THE WALL AS NEEDED FOR ALL DEVICES BEING DEMOLISHED.
5. DEDICATED RECEPTACLES SHALL BE MARKED BY CONTRACTOR.

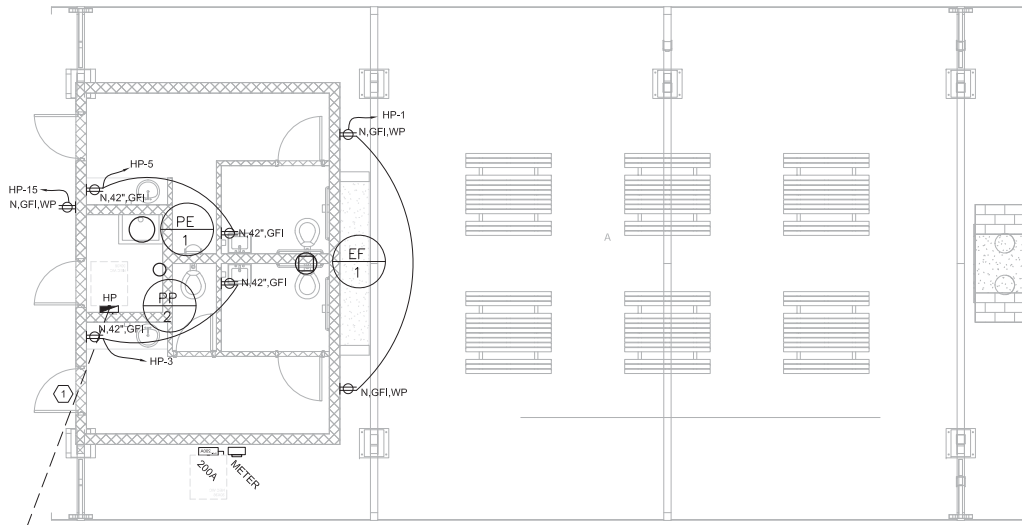
FIXTURE, SWITCHING & DEVICE SUFFIXES:

E = EXISTING
R = RELOCATE, EXTEND/MODIFY EXISTING CONDUCTORS AS REQUIRED AND RECONNECT.
R = REPLACE DEVICE IF REQUIRED.
N = NEW
DE = DEMOLISH
CLG = CEILING MOUNTED
DED = DEDICATED
TV = TELEVISION OUTLET, VERIFY MOUNTING HEIGHT WITH ARCHITECTURAL DRAWINGS
H = HORIZONTALLY MOUNTED RECEPTACLE
SW = SHOW WINDOW RECEPTACLE, MOUNT WITHIN 18" OF TOP OF WINDOW
P = WHETHER PROOF, PROVIDE APPROPRIATE ENCLOSURE AS NEEDED
VF = VERIFY DEVICE FINAL LOCATION IN FIELD WITH ARCHITECT OR CLIENT
US = RECEPTACLE TO BE PROVIDED WITH USB COMBO PORTS

SPECIAL ELECTRICAL NOTES:

1. INDEXES ABOVE CEILING SHALL BE LABELED WITH A CIRCUIT NUMBER AND DESCRIPTION.
2. REUSE CIRCUITS MADE AVAILABLE BY DEMOLITION PRIOR TO ADDING NEW CIRCUITS.
3. ALL ELECTRICAL DISCONNECTS INSTALLED OUTDOORS SHALL BE GALVANIZED METAL DISCONNECTS, NEMA 3R.
4. GENERAL CONTRACTOR AND ALL SUB CONTRACTORS OR INSTALLERS SHALL REVIEW BOTH ARCHITECTURAL AND ALL MEP DRAWINGS AND SPECIFICATIONS PRIOR TO BEGINNING WORK. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY DISCREPANCIES BETWEEN THE DRAWINGS FOR FIXTURE TYPE, FINISH, COLOR, MATERIAL, TYPE OF INSTALLATION, ACCESSORIES, ETC. SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ARCHITECT IN WRITING. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND RESERVE THE RIGHT TO REQUIRE THE MORE RESTRICTIVE SPECIFICATION.
5. PRIOR TO CREATING ANY PENETRATIONS OF THE CONCRETE FLOOR SLAB, THE GENERAL CONTRACTOR SHALL OBTAIN APPROVAL FROM THE ARCHITECT. LOCATE AND STRENGTHEN REINFORCEMENT USING #4'S. THE G.C. SHALL RELOCATE THE SLAB PENETRATION AS NECESSARY TO AVOID CUTTING ANY REINFORCEMENT. THE GENERAL CONTRACTOR SHALL OBTAIN APPROVAL REQUIRED, CONSULT WITH THE OWNER OR ARCHITECT FOR APPROVAL OF ANY PENETRATIONS.

THE PLANS REFLECT SYSTEMS VOLTAGES DROP AS PER FBC ENERGY CONSERVATION 2020 SEVENTH C405.5.3 FEEDER CONDUCTORS ARE SIZED FOR A MAXIMUM VOLTAGE DROP OF 2 PERCENT AT DESIGN LOAD. BRANCH CIRCUIT CONDUCTOR ARE SIZED FOR A MAXIMUM DROP OF 3 PERCENT AT DESIGN LOAD.



MECHANICAL EQUIPMENT												
KTY	DESCRIPTION	ELECTRICAL CHARACTERISTICS				CIRCUIT DESIGNATION	BREAKER AMPS	FEDDER POLES	EQUIP. GROUND	CONDUIT	DISCONNECT SWITCH	REMARKS
		VOLTS	PHASE	KW	HP							
EP-1	CRUAUST PAST	208	1	0.075			20	1	#2 (1/2)	3/4"	20A/250V	NOTE 1
PE-1	ELECTRIC WATER HEATER	208	1	4.5	27.0	HP-11.3	30	2	#2 (1/2)	1 1/2"	30A/250V/NP	
PP-2	CIRCULATION PUMP	208	1		<1	HP-9	20	1	#2 (1/2)	3/4"	20A / 250V	

NOTES:

NOTES

PAVILION #1 PLAN

SCALE: 1/4" = 1'-0"



**COMMUNITY
SOLUTIONS
GROUP²**



618 E. SOUTH STREET
SUITE 700
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CERTIFICATE OF AUTHORIZATION: E89961

PROJECT

CAULEY LOTT
PARK

1717 N. HIGHLAND STREET,
MOUNT DORA, FL 32757

ISSUED FOR
PERMIT

CONSULTANTS



REVISIONS:

[illegible]

PROJECT NUMBER A171115.07

DATE: 12/17/2021

DRAWN: W&G

CHECKED: W&G

APPROVED: _____ W&G

REGISTRATION

CAULEY LOTT PARK

SHEET TITLE

**ELECTRICAL PAVILION
PLAN**

SHEET NUMBER

E1.101

A GAI CONSULTANTS, INC. SERVICE GROUP

2: CAULEY LOTT PARK DWGS-ELEC ELECTRICAL.DWG
This drawing was produced with computer aided drafting technology and is supported by electronic drafting files. Do not revise this drawing via manual drafting methods.

Z:\CAULEY LOTT PARK\DWGS-ELEC\ELECTRICAL.DWG
This drawing was produced with computer aided drafting

Z:\CAULEY LOTT PARK\AMPH-TH-01-ELECTRICAL\AMPH-TH-01-ELECTRICAL.dwg
This drawing was produced with computer aided drafting technology and is supported by electronic drawing files. Do not make this drawing to manual drafting methods.

POWER NOTES

1. CONTRACTOR SHALL COORDINATE UNDERGROUND CONDUIT FROM PAVILION TO AMPHITHEATER FOR PANEL "AP" POWER.

GENERAL POWER NOTES:

1. FOR 120V CIRCUITS, WHEN BRANCH CIRCUIT LENGTH EXCEEDS 75 FEET FROM PANEL, WIRING SHALL BE INCREASED TO #10 AWG WITH #10 AWG GROUND. WHEN BRANCH CIRCUIT LENGTH EXCEEDS 100 FEET FROM PANEL, BRANCH WIRING SHALL BE INCREASED TO #8 AWG WITH #8 AWG GROUND.
2. FOR 277V CIRCUITS, WHEN BRANCH CIRCUIT LENGTH EXCEEDS 100 FEET FROM PANEL, WIRING SHALL BE INCREASED TO #10 AWG WITH #10 AWG GROUND. WHEN BRANCH CIRCUIT LENGTH EXCEEDS 100 FEET FROM PANEL, BRANCH WIRING SHALL BE INCREASED TO #8 AWG WITH #8 AWG GROUND.
3. ADDITIONAL POWER MAY BE REQUIRED FOR FIRE ALARM SYSTEM.
4. CONTRACTOR SHALL PATCH THE WALL AS NEEDED FOR ALL DEVICES BEING DEMOLISHED.
5. DEDICATED RECEPTACLES SHALL BE MARKED BY CONTRACTOR.

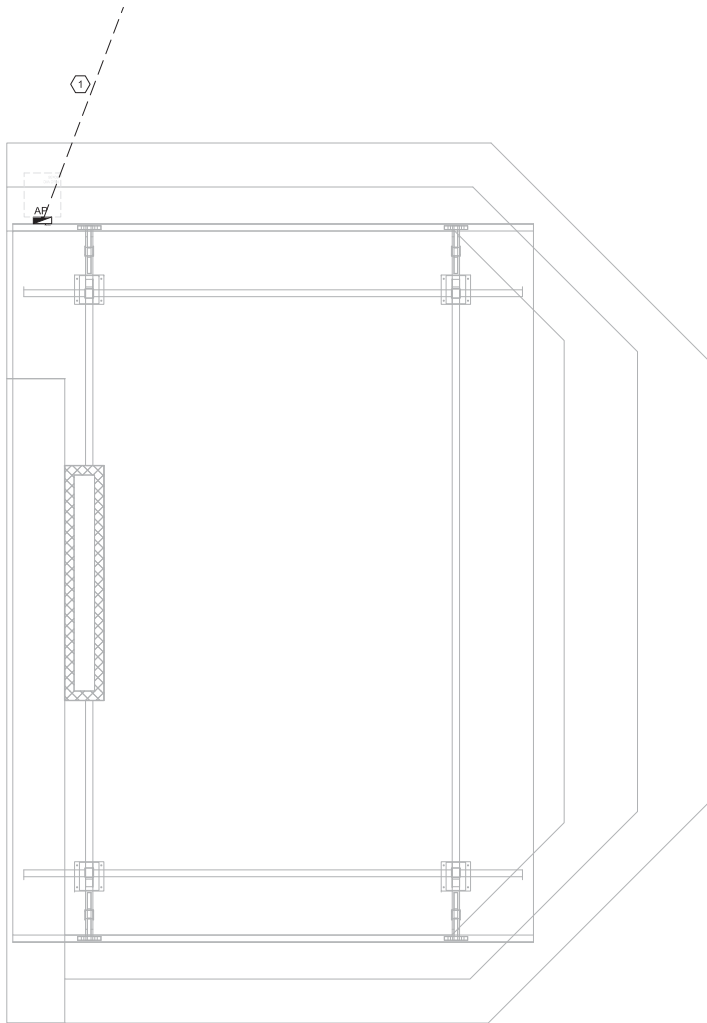
FIXTURE, SWITCHING & DEVICE SUFFIXES:

E = EXISTING
R = RELOCATE, EXTEND/MODIFY EXISTING CONDUCTORS AS REQUIRED AND RECONNECT. REPLACE DEVICE IF REQUIRED.
N = NEW
DE = DEMOLISH
CLO = CEILING MOUNTED
DED = DEDICATED
TV = TELEVISION OUTLET. VERIFY MOUNTING HEIGHT WITH ARCHITECTURAL DRAWINGS
H = HORIZONTALLY MOUNTED RECEPTACLE
SW = SHOW WINDOW RECEPTACLE. MOUNT WITHIN 18" OF TOP OF WINDOW
WP = WEATHER PROOF. PROVIDE APPROPRIATE ENCLOSURE AS NEEDED
VF = VERIFY DEVICE FINAL LOCATION IN FIELD WITH ARCHITECT OR CLIENT
USB = RECEPTACLE TO BE PROVIDED WITH USB COMBO PORTS

SPECIAL ELECTRICAL NOTES:

1. J-BOXES ABOVE CEILING SHALL BE LABELED WITH A CIRCUIT NUMBER AND PANEL DESIGNATION.
2. REUSE CIRCUITS MADE AVAILABLE BY DEMOLITION PRIOR TO ADDING CIRCUITS AND PANELBOARDS.
3. ALL ELECTRICAL DISCONNECTS INSTALLED OUTDOORS SHALL BE GALVANIZED METAL DISCONNECTS, NEMA 3R.
4. GENERAL CONTRACTOR AND ALL SUB CONTRACTORS OR INSTALLERS SHALL REVIEW BOTH ARCHITECTURAL AND ALL MEP DRAWINGS AND SCHEDULES PRIOR TO BID, PROCUREMENT OR COMMENCING ANY WORK. ANY DISCREPANCIES BETWEEN THE DRAWINGS FOR FIXTURE TYPE, FINISH, QUANTITY, SIZE, LOCATION, TYPE OF INSTALLATION, ACCESSORIES, ETC., SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ARCHITECT IN WRITING WITHOUT FORMAL AUTHORIZATION. THE ARCHITECT AND OWNER RESERVE THE RIGHT TO REQUIRE THE MORE RESTRICTIVE SPECIFICATION.
5. PRIOR TO CREATING ANY PENETRATIONS OF THE CONCRETE FLOOR SLAB, SUCH AS CORE DRILLING, DRILLING OR SAWCUTTING, THE G.C. SHALL LOCATE ALL EXISTING SLAB REINFORCEMENT USING X-RAY. THE G.C. SHALL RELOCATE THE SLAB PENETRATION AS NECESSARY TO AVOID CUTTING ANY SLAB REINFORCEMENT. IF RELOCATION OF A FLOOR PENETRATION IS REQUIRED, CONSULT WITH THE OWNER OR ARCHITECT FOR APPROVAL OF THE PROPOSED NEW LOCATION PRIOR TO PROCEEDING.

THE PLANS REFLECT SYSTEMS VOLTAGES DROP AS PER FBC ENERGY CONSERVATION 2020 SEVENTH C405.5.3 FEEDER CONDUCTORS ARE SIZED FOR A MAXIMUM VOLTAGE DROP OF 2 PERCENT AT DESIGN LOAD. BRANCH CIRCUIT CONDUCTOR ARE SIZED FOR A MAXIMUM DROP OF 3 PERCENT AT DESIGN LOAD.



AMPHITHEATER PLAN
SCALE: 1/4" = 1'-0"



618 E. SOUTH STREET
SUITE 700
ORLANDO, FL 32801
407 423-5398

CERTIFICATE OF AUTHORIZATION EB0651

PROJECT

CAULEY LOTT
PARK

1717 N. HIGHLAND STREET,
MOUNT DORA, FL 32757

ISSUED FOR
PERMIT

CONSULTANTS



REVISIONS:	

PROJECT NUMBER A171115.07

DATE: 12/17/2021

DRAWN: VBSG

CHECKED: VBSG

APPROVED: VBSG

REGISTRATION

CAULEY LOTT PARK

SHEET TITLE

ELECTRICAL AMPH
PLAN

SHEET NUMBER

E1.102

A G4 CONSULTANTS, INC. SERVICE GROUP

○ LIGHTING NOTES

1. PROVIDE NEW SINGLE POLE, LINE VOLTAGE, STANDARD RANGE, WALL MOUNTED, DUAL TECHNOLOGY, LIGHTING OCCUPANCY SENSOR, 0-10V DIMMING, SENSOR SWITCH MODEL #WSXQ-PT-D.
2. CONTRACTOR SHALL WIRE CIRCUIT THROUGH TIME CLOCK. CONTRACTOR SHALL PROVIDE MANUAL OVERRIDE SWITCH FOR CONTROLLED CIRCUIT. MANUAL SWITCH TO BE LOCATED NEAR PANELBOARD. VERIFY LOCATION OF SWITCH WITH CLIENT.
3. TIMER SWITCH FOR BASKETBALL COURT LIGHTING.
4. COORDINATE FIXTURE SELECTION WITH LIGHTING VENDOR. OTHERWISE PROVIDE LED 50W MAX SURFACE CEILING MOUNTED LED LIGHTING FIXTURE.

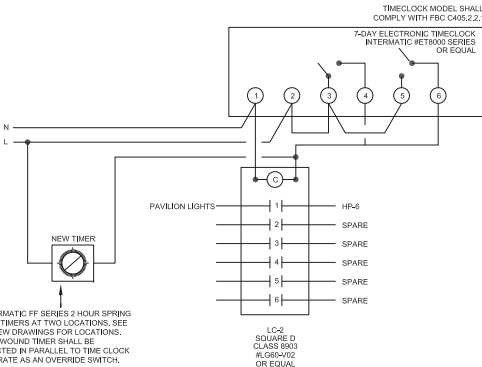
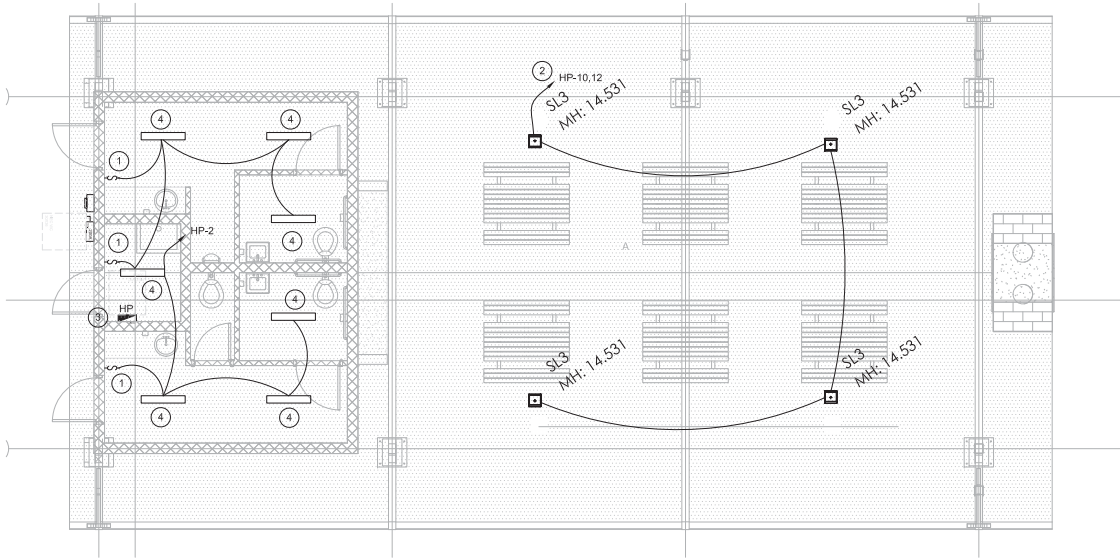
GENERAL LIGHTING NOTES:

1. FOR 120V CIRCUITS, WHEN BRANCH CIRCUIT LENGTH EXCEEDS 75 FEET FROM PANEL, WIRING SHALL BE INCREASED TO #10 AWG WITH #10 AWG GROUND. WHEN BRANCH CIRCUIT LENGTH EXCEEDS 150 FEET FROM PANEL, BRANCH WIRING SHALL BE INCREASED TO #8 AWG WITH #8 AWG GROUND.
2. FOR 277V CIRCUITS, WHEN BRANCH CIRCUIT LENGTH EXCEEDS 100 FEET FROM PANEL, WIRING SHALL BE INCREASED TO #10 AWG WITH #10 AWG GROUND. WHEN BRANCH CIRCUIT LENGTH EXCEEDS 180 FEET FROM PANEL, BRANCH WIRING SHALL BE INCREASED TO #8 AWG WITH #8 AWG GROUND.
3. ALL DIMMABLE LIGHTS SHALL BE PROVIDED WITH 0-10V DIMMING WIRES OR OTHER WIRING AS REQUIRED.

FIXTURE, SWITCHING & DEVICE SUFFIXES:

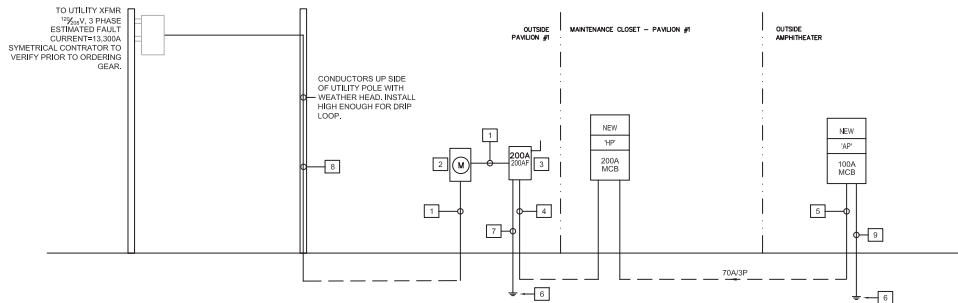
E = EXISTING
 R = RELOCATED, EXTEND/MODIFY EXISTING CONDUCTORS AS REQUIRED AND RECONNECT
 REPLACE DEVICE IF REQUIRED.
 N = NEW
 3 = 3-WAY SWITCHES
 4 = 4-WAY SWITCHES
 D = DIMMER, PROVIDE FIXTURE COMPATIBLE DIMMER SWITCH.
 DE = DEMOLISH
 a, b, ... = LOWER CASE LETTERS INDICATE CONTROL GROUPS.
 NL = NIGHT LIGHT
 CLG = CEILING MOUNTED
 VLF = VERIFY DEVICE FINAL LOCATION IN FIELD WITH ARCHITECT OR CLIENT

ALL EXIT SIGNS, EMERGENCY LIGHTS AND NIGHTLIGHTS SHALL BE CONNECTED TO UNSWITCHED LEG OF LOCAL LIGHTING CIRCUIT AND BE PROVIDED WITH 90MIN BATTERY BACKUP. (TYPICAL FOR ALL NON-GENERATOR BACK-UP SYSTEMS)

TIMECLOCK CONTROL
NTSPAVILION #1 PLAN
SCALE: 1/4" = 1'-0"

SITE LIGHTING FIXTURE SCHEDULE						
TYPE	MANUFACTURER	CATALOG NO.	MOUNTING	VOLT	LAMP	REMARKS
SL1	HE WILLIAMS	VG1-L110-740-FL-xxx-xxx-018-208	SURFACE CEILING / SUSPENDED	208	LED 105W	COVERED COURT HIGH BAY
SL2	HE WILLIAMS	VG1-L110-740-S-xxx-xxx-018-208	SURFACE CEILING / SUSPENDED	208	LED 105W	AMPHITHEATER HIGH BAY
SL3	HE WILLIAMS	VG1-L05-740-NV-2-xxx-xxx-018-208	SURFACE CEILING / SUSPENDED	208	LED 69W	PAVILION HIGH BAY
SL4	SIGNIFY	ECF-L-96L1_2A-NV-G2-4-208	POLE MOUNTED	208	LED 365W	OPEN COURT POLE
SL5	SPRING CUP ELECTRICAL MFG.	WSHLE050-EVKL1-40-FM3-Y9-19-ULS	POLE MOUNTED	208	LED 51W	DECORATIVE POLE FIXTURE

A - ARCHITECT, EE - ELECTRICAL ENGINEER, V - LIGHTING VENDOR



ELECTRICAL RISER
SCALE NOT-TO-SCALE

RISER NOTES

- CONTRACTOR SHALL PROVIDE (4) #30 IN 3" CONDUIT FROM POLE MOUNTED TRANSFORMER THROUGH METER AND INTO MAIN DISCONNECT.
- NEW ENERGY COMPANY APPROVED METER, VERIFY GROUNDING REQUIREMENTS.
- PROVIDE NEW 120/208V, 3Ø SERVICE ENTRANCE RATED 200A FUSED DISCONNECT WITH 200A TIME DELAY DUAL ELEMENT FUSES IN NEMA-3R ENCLOSURE, BOND NEUTRAL AND GROUND.
- CONTRACTOR SHALL PROVIDE (4) #30 & (1) #8EG IN 2" CONDUIT.
- CONTRACTOR SHALL PROVIDE (4) #4 & (1) #8EG IN 2" CONDUIT FROM PANEL #1P UNDERGROUND TO AMPHITHEATER PANEL #P.
- PROVIDE (2) 5/8" X 10' COPPER CLAD GROUND RODS BONDED TO BUILDING STEEL, WATER PIPE AND BUILDING FOOTER.
- PROVIDE #4 GROUNDING ELECTRODE CONDUCTOR
- PROVIDE NEW WEATHERHEAD, FEEDERS AND CONDUIT SHALL GO UP MAST AND TERMINATE AT WEATHERHEAD. CONTRACTOR SHALL PROVIDE POINT OF ATTACHMENT AND LOCAL ENERGY COMPANY SHALL MAKE CONNECTION FROM NEW FEEDERS TO UTILITY TRANSFORMER. MAST SHALL BE SCHEDULE 80 PVC, REFER NEW SERVICE FEEDER CONDUCTOR NOTE FOR MORE INFORMATION.
- PROVIDE #4 GROUNDING ELECTRODE CONDUCTOR

NEW PANEL SQAURE D OR EQUAL														HP	VOLTAGE	120 / 208	V	SIZE	200A	MCB	CABINET	SURFACE	NEMA-3R		
																PHASE	3	PH	4	W	200A	BUS	RATING	42,000	AIC RATED
NOTES	REMARKS	OKT BKR				VA PHASE LOAD				BUS				VA PHASE LOAD				OKT BKR				REMARKS	NOTES		
		AMPS	P	A	B	C	A	B	C	A	B	C	AMPS	P	A	B	C								
	RR	20	1	1200											3	X	4		730		20	2	OPEN COURT LIGHTS		
	RR	20	1			1200									5	X	6		525		20	2	COVERED COURT LIGHTS		
	GEN PWR	20	1			17				1200					7	X	8		525		20	2	PAVILION LIGHTS		
	REF-1	20	1			17				100					9	X	10		138		20	2	PAVILION LIGHTS		
	WP-2	20	1							100					11	X	12		138		20	2	OPEN COURT LIGHTS		
	PE-1	30	2	2250						2250					13	X	14		0		20	2	OPEN COURT LIGHTS		
	WATER FOUNT	20	1			600									15	X	16		0		20	2	OPEN COURT LIGHTS		
	LIGHTS	20	1							350	17	X	18					0	20	20	1	SFAPRE	1	SFAPRE	
	SPARE	20	1							20					19	X	20		0	20	1	SFAPRE	1	SFAPRE	
	SPARE	20	1			0			0	21	X	22			21	X	22		0	20	1	SFAPRE	1	SFAPRE	
	SPARE	20	1							23	X	24			23	X	24		0	20	1	SFAPRE	1	SFAPRE	
	SPARE	20	1	0						25	X	26			25	X	26		0	20	1	SFAPRE	1	SFAPRE	
	SPARE	20	1							27	X	28			27	X	28		0	20	1	SFAPRE	1	SFAPRE	
	SPARE	20	1							29	X	30			29	X	30		0	20	1	SFAPRE	1	SFAPRE	
	SPARE	20	1	0						31	X	32			31	X	32		0	20	1	SFAPRE	1	SFAPRE	
	SPARE	20	1							33	X	34			33	X	34		0	20	1	SFAPRE	1	SFAPRE	
	SPARE	20	1							35	X	36			35	X	36		0	20	1	SFAPRE	1	SFAPRE	
	SPARE	20	1	0						37	X	38			37	X	38		494		20	1	SFAPRE	1	SFAPRE
	SITE LIGHTS	20	2			332				332	69	X	40					315		70	3	PNL-AP			
	TOTAL	3467		2432		332				4132					1748		1183		179		70				

TABULATION	TOTAL LOAD			DEMAND FACTOR	DEMAND LOAD		
	A	B	C		A	B	C
MEASURED	0	0	0	0.00	0	0	0
LIGHTING	1748	1515	1523	1.25	2186	1893	1904
COOLING	0	0	0	0.00	0	0	0
HEATING	0	0	0	0.00	0	0	0
RECEP/TABLE	3467	2100	3450	1.00	3467	2100	3450
MISCELLANEOUS	0	0	0	0.00	0	0	0
KITCHEN EQUIPMENT	0	0	0	0.00	0	0	0
LARGEST MOTOR	0	0	0	0.00	0	0	0
TOTAL PHASE DEMAND LOAD	5653	3893	5354	VA	47.1	33.3	44.8
TOTAL DEMAND LOAD	14899 VA				41.6 A		

NOTES:
CONTRACTOR IS RESPONSIBLE FOR UPDATING ALL PANEL SCHEDULES WITH CURRENT DESCRIPTIONS OF ALL BRANCH CIRCUIT DESIGNATIONS.

NB = NEW BREAKER SHALL BE COMPATIBLE WITH EXISTING PANELBOARD AND SHALL MATCH PANELBOARD AIC RATING
EB = REUSE EXISTING BREAKER
G = GROUND FAULT BREAKER
T = TANDEM BREAKER
R = RELOCATED BREAKER, EXTEND/MODIFY CONDUCTORS

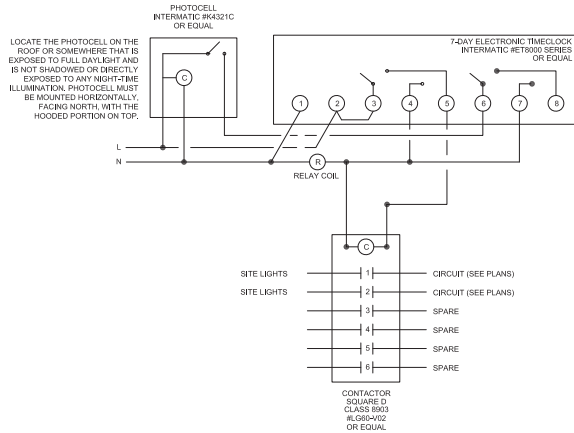
NEW PANEL SQAURE D OR EQUAL															AP															VOLTAGE			120 / 208		V		SIZE		100A		MCB		CABINET		SURFACE		NEMA-3R	
																		PHASE			3		PH		4		W				RATING		22,000		AIC RATED													
NOTES	REMARKS	CKT BKR			VA PHASE LOAD			BUS			VA PHASE LOAD			CKT BKR			REMARKS	NOTES																														
		AMPS	P	A	B	C	VA	A	B	C	VA	A	B	C	AMPS																																	
	SPARE	20	1	0												20	1	AMPHITEATER LIGHTS																														
	SPARE	20	1			0				3	X	4			315			2	2 SITE SIGHTS																													
	SPARE	20	1			0				5	X	6			179			20	1																													
	SPARE	20	1			0				7	X	8						20	1																													
	SPARE	20	1			0				9	X	10						20	1																													
	SPARE	20	1			0				11	X	12						20	1																													
	SPARE	20	1			0				13	X	14			0			20	1																													
	SPARE	20	1			0				15	X	16						20	1																													
	SPARE	20	1			0				17	X	18						20	1																													
	SPARE	20	1			0				19	X	20			0			20	1																													
	SPARE	20	1			0				21	X	22						20	1																													
	SPARE	20	1			0				23	X	24						20	1																													
	SPARE	20	1			0				25	X	26			0			20	1																													
	SPARE	20	1			0				27	X	28						20	1																													
	SPARE	20	1			0				29	X	30						20	1																													
	SPARE	20	1			0				31	X	32			0			20	1																													
	SPARE	20	1			0				33	X	34						20	1																													
	SPARE	20	1			0				35	X	36						20	1																													
	SPARE	20	1			0				37	X	38			0			20	1																													
	SPARE	20	1			0				39	X	40						20	1																													
	SPARE	20	1			0				41	X	42						20	1																													
	TOTAL	0	0	0	0	0								484	315	179	TOTAL																															

TABULATION	TOTAL LOAD			DEMAND FACTOR	DEMAND LOAD		
	A	B	C		A	B	C
MEASURED	0	0	0	0.00	0	0	0
LIGHTING	484	315	179	1.25	617	394	223
COOLING	0	0	0	0.00	0	0	0
HEATING	0	0	0	0.00	0	0	0
RECEP/TABLE	0	0	0	0.00	0	0	0
MISCELLANEOUS	0	0	0	0.00	0	0	0
KITCHEN EQUIPMENT	0	0	0	0.00	0	0	0
LARGEST MOTOR	0	0	0	0.00	0	0	0
TOTAL PHASE DEMAND LOAD	617	394	223	VA	5.1	3.3	1.9
TOTAL DEMAND LOAD	1234 VA				3.4 A		

NOTES:
CONTRACTOR IS RESPONSIBLE FOR UPDATING ALL PANEL SCHEDULES WITH CURRENT DESCRIPTIONS OF ALL BRANCH CIRCUIT DESIGNATIONS.

NB = NEW BREAKER SHALL BE COMPATIBLE WITH EXISTING PANELBOARD AND SHALL MATCH PANELBOARD AIC RATING
EB = REUSE EXISTING BREAKER
G = GROUND FAULT BREAKER
T = TANDEM BREAKER
R = RELOCATED BREAKER, EXTEND/MODIFY CONDUCTORS

Z:\CAULEY LOTT PARK\DWG-ELECTRICAL\ES1100.dwg
This drawing was produced with computer aided drafting technology and is supported by electronic drawing files. Do not create this drawing as manual drafting methods.



TIMECLOCK CONTROL NTS

REFER TO SHEET E1.001 FOR
GENERAL ELECTRICAL DESIGN
CRITERIA.

REFER TO LIGHTING SHEETS
FOR ELECTRICAL INFORMATION
ON INDIVIDUAL AREAS

REFER TO E3.101 SHEET FOR
RISER AND PANEL SCHEDULES

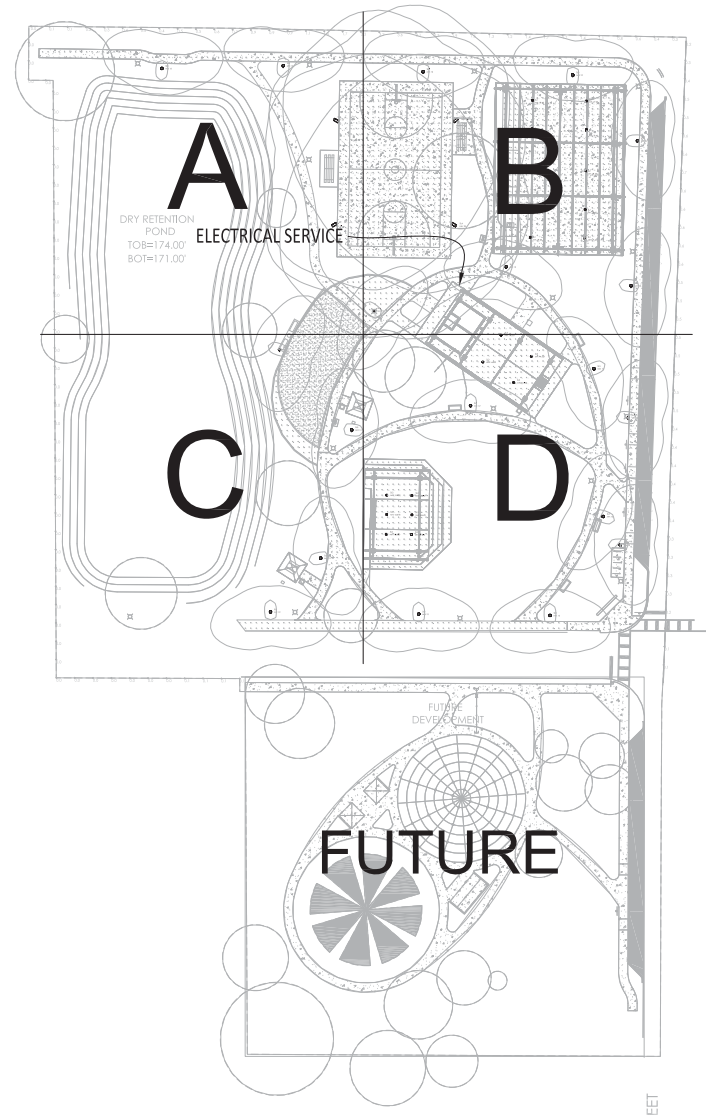
ALL SITE LIGHTING CIRCUIT
SHALL BE WIRED WITH (2) #10 &
(1) #10 EG IN 1" CONDUIT.

SPECIAL SITE LIGHTING NOTES:

1. LUXES ABOVE CEILING SHALL BE LABELED WITH A CIRCUIT NUMBER AND PANEL DESIGNATION.
2. CONTRACTOR SHALL PROVIDE 1" CONDUIT FOR FUTURE ALL SITE LIGHTING FIXTURE POWER.
3. ALL ELECTRICAL DISCONNECTS INSTALLED OUTDOORS SHALL BE GALVANIZED METAL DISCONNECTS, NEMA 3R.
4. GENERAL CONTRACTOR AND ALL SUB CONTRACTORS OR INSTALLERS SHALL REVIEW BOTH ARCHITECTURAL AND ALL MEP DRAWINGS AND SCHEDULES PRIOR TO BID, PROCUREMENT OR COMMENCING ANY WORK. ANY DISCREPANCIES BETWEEN THE DRAWINGS FOR FIXTURE TYPE, FINISH, QUANTITY, SIZE, LOCATION, TYPE OF INSTALLATION, ACCESSORIES, ETC., SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ARCHITECT IN WRITING. WITHOUT FORMAL AUTHORIZATION, THE ARCHITECT AND OWNER RESERVE THE RIGHT TO REQUIRE THE MORE RESTRICTIVE SPECIFICATION.
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GENERAL POWER NOTES:

1. ALL SITE LIGHTING FIXTURES SHALL BE CONTROLLED BY TIME-CLOCK AND PHOTOCELL SYSTEM. REFER TO DIAGRAM ON THIS SHEET FOR MORE INFORMATION. SYSTEM INFORMATION AND SPECIFICATIONS WILL BE PROVIDED ON THE ELECTRICAL DESIGN STAGE.
2. ALL DEVICES ARE NEW UNLESS OTHERWISE NOTED



SITE LIGHTING KEY PLAN
SCALE: 1/32" = 1'-0"



REVISIONS:

NO.	DESCRIPTION	DATE

PROJECT NUMBER	A171115.07
DATE:	12/17/2021
DRAWN:	WBG
CHECKED:	WBG
APPROVED:	WBG
REGISTRATION	
CAULEY LOTT PARK	

SHEET TITLE	
SITE LIGHTING KEY PLAN	

SHEET NUMBER	
ES1.100	

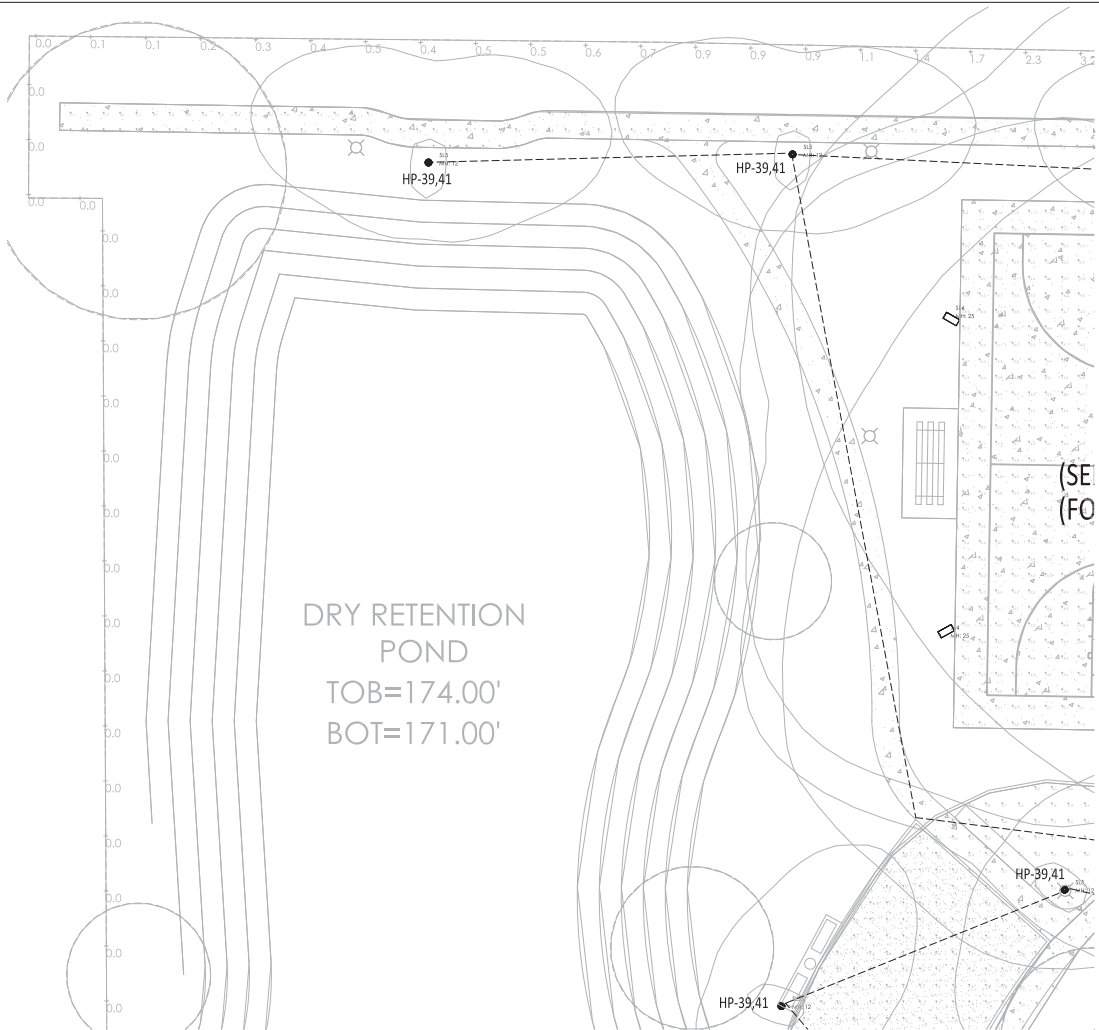
SITE LIGHTING FIXTURE SCHEDULE						
TYPE	MANUFACTURER	CATALOG NO.	MOUNTING	VOLT	LAMP	REMARKS
SL1	HE WILLIAMS	VG1-L110-740-TFL-xxxx-DM-208	SURFACE CEILING / SUSPENDED	208	LED 105W	COVERED COURT HIGH BAY
SL2	HE WILLIAMS	VG1-L110-740-TS-xxxx-DM-208	SURFACE CEILING / SUSPENDED	208	LED 105W	AMPHITHEATER HIGH BAY
SL3	HE WILLIAMS	VG1-L85-740-TS-xxxx-DM-208	SURFACE CEILING / SUSPENDED	208	LED 69W	PAVILION HIGH BAY
SL4	SIGNIFY	ECF-L-98L-1_3A-NW-G2-4-208	POLE MOUNTED	208	LED 365W	OPEN COURT LIGHTING
SL5	SPRING CITY ELECTRICAL MFG.	WSHL050-DVXL18-40-FM3-YS19-ULS	POLE MOUNTED	208	LED 51W	DECORATIVE POLE FIXTURE
A - ARCHITECT, EE - ELECTRICAL ENGINEER, V - LIGHTING VENDOR						

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1. J-BOXES ABOVE CEILING SHALL BE LABELED WITH A CIRCUIT NUMBER AND PANEL DESIGNATION.
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2. ALL DEVICES ARE NEW UNLESS OTHERWISE NOTED



SITE PHOTOMETRIC PLAN - A
SCALE: 3/32" = 1'-0"

REFER TO LIGHTING SHEETS
FOR ELECTRICAL INFORMATION
ON INDIVIDUAL AREAS

REFER TO E3.101 SHEET FOR
RISER AND PANEL SCHEDULES



618 E. SOUTH STREET
SUITE 700
ORLANDO, FL 32801
407 423-5398
CERTIFICATE OF AUTHORIZATION EB0691
PROJECT
CAULEY LOTT PARK
1717 N. HIGHLAND STREET,
MOUNT DORA, FL 32757

ISSUED FOR
PERMIT



REVISIONS:	

PROJECT NUMBER	A171115.07
DATE:	12/17/2021
DRAWN:	WBG
CHECKED:	WBG
APPROVED:	WBG
REGISTRATION	
CAULEY LOTT PARK	

SHEET TITLE
SITE LIGHTING PLAN A

SHEET NUMBER
ES.1.101

A G4 CONSULTANTS, INC. SERVICE GROUP

Z:\CAJLEY LOTT PARK\DWGS-ELEC\ES1000.DWG



REFER TO E3.101 SHEET FOR
RISER AND PANEL SCHEDULES

1. L-BROXES ABOVE CEILING SHALL BE LABELED WITH A CRUIT NUMBER AND PANEL DESIGNATION.
2. CONTRACTOR SHALL PROVIDE "P" CONDUIT FOR FUTURE ALL STATE LIGHTING OUTLETS.
3. ALL ELECTRICAL DISCONNECTS INSTALLED OUTDOORS SHALL BE GALVANIZED METAL DISCONNECTS, NEMA 3R.
4. GENERAL CONTRACTOR AND ALL SUB CONTRACTORS OR INSTALLERS SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY MEETINGS, PERMITS, SCHEDULES PRIOR TO BID, PROCUREMENT OR COMMENCING ANY WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY MEETINGS, QUANTITY, SIZE, LOCATION, TYPE OF INSTALLATION, ACCESSORIES, ETC. SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ARCHITECT IN WRITING FOR CORRECTION, AUTHORIZATION. THE ARCHITECT AND OWNER RESERVE THE RIGHT TO REQUIRE THE MORE RESTRICTIVE SPECIFICATION.
5. PRIOR TO CREATING ANY PENETRATIONS OF THE CONCRETE FLOOR SLAB, CONTRACTOR SHALL OBTAIN THE APPROVAL OF THE ARCHITECT AND LOCATE ALL EXISTING SLAB REINFORCEMENT USING RADAR. THE G.C. SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY MEETINGS, QUANTITY, SIZE, LOCATION, TYPE OF INSTALLATION, ACCESSORIES, ETC. SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ARCHITECT IN WRITING FOR CORRECTION, AUTHORIZATION. THE ARCHITECT AND OWNER RESERVE THE RIGHT TO REQUIRE THE MORE RESTRICTIVE SPECIFICATION.
6. PRIOR TO CREATING ANY PENETRATIONS OF THE CONCRETE FLOOR SLAB REINFORCEMENT, CONTRACTOR SHALL OBTAIN THE APPROVAL OF THE ARCHITECT AND LOCATE ALL EXISTING SLAB REINFORCEMENT USING RADAR. THE G.C. SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY MEETINGS, QUANTITY, SIZE, LOCATION, TYPE OF INSTALLATION, ACCESSORIES, ETC. SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ARCHITECT IN WRITING FOR CORRECTION, AUTHORIZATION. THE ARCHITECT AND OWNER RESERVE THE RIGHT TO REQUIRE THE MORE RESTRICTIVE SPECIFICATION.

1. ALL SITE LIGHTING FIXTURES SHALL BE CONTROLLED BY TIME-CLOCK AND PHOTOCELL SYSTEM. REFER TO DIAGRAM ON THIS SHEET FOR MORE INFORMATION. SYSTEM INFORMATION AND SPECIFICATIONS WILL BE PROVIDED ON THE ELECTRICAL DESIGN STAGE.

2. ALL DEVICES ARE NEW UNLESS OTHERWISE NOTED



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PERMIT



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REGISTRATION

CAULEY LOTT PARK

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REVISIONS:

[illegible]

PROJECT NUMBER A171115.07

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CHECKED: _____ W&G

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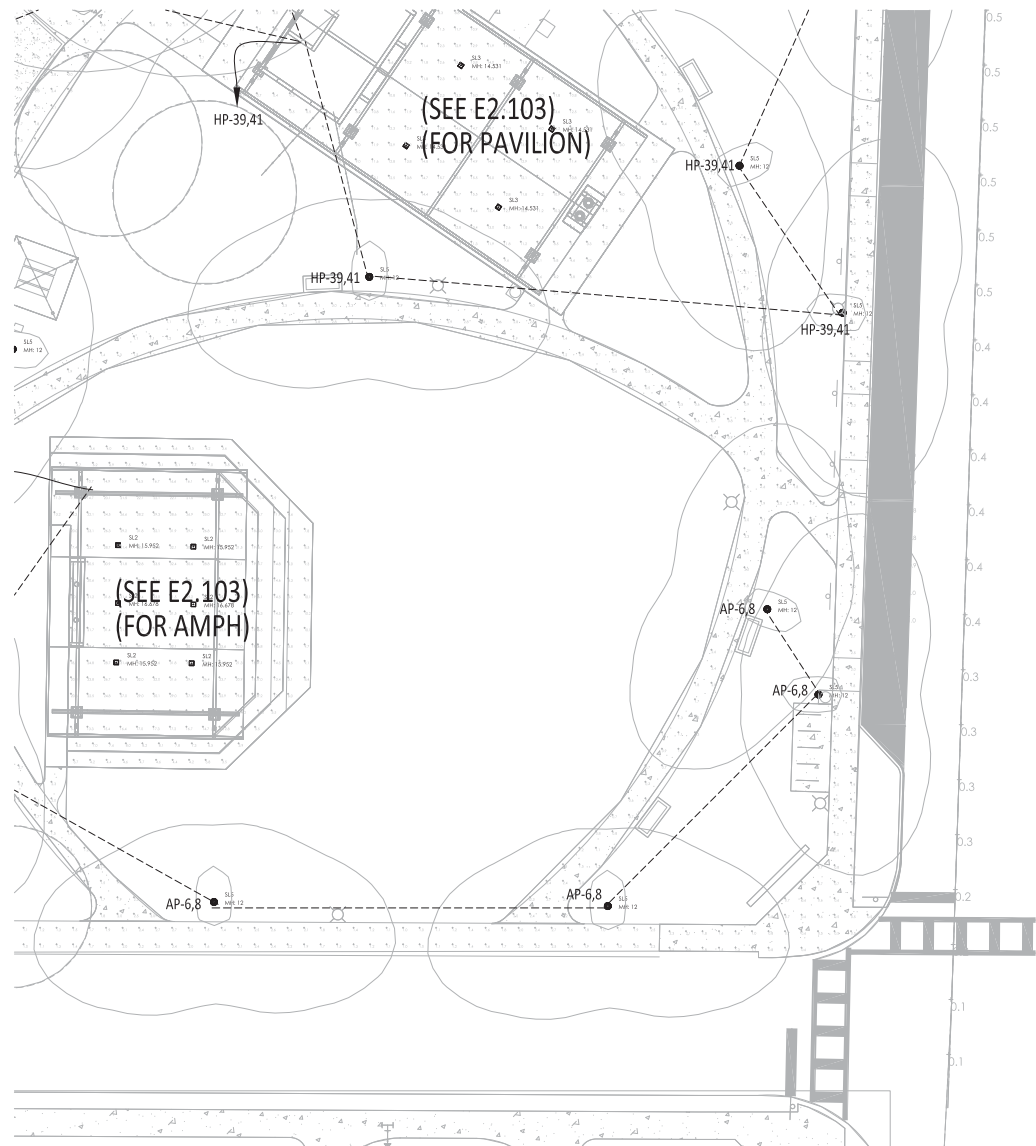
SHEET TITLE

SITE LIGHTING PLAN D

SHEET NUMBER _____

ES1.104

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SITE PHOTOMETRIC PLAN - D
SCALE: 1/16" = 1'-0"



REFER TO LIGHTING SHEETS
FOR ELECTRICAL INFORMATION
ON INDIVIDUAL AREAS

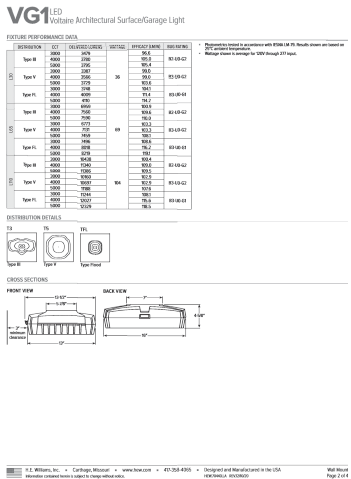
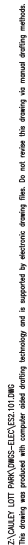
REFER TO E3.101 SHEET FOR
RISER AND PANEL SCHEDULES

SPECIAL SITE LIGHTING NOTES:

1. J-BOXES ABOVE CEILING SHALL BE LABELED WITH A CIRCUIT NUMBER AND PANEL DESIGNATION.
2. CONTRACTOR SHALL PROVIDE "Y" CONDUIT FOR FUTURE ALL STATE LIGHTING TO FLOOR.
3. ALL ELECTRICAL DISCONNECTS INSTALLED OUTDOORS SHALL BE GALVANIZED METAL DISCONNECTS, NEMA 3R.
4. GENERAL CONTRACTOR AND ALL SUB CONTRACTORS OR INSTALLERS SHALL SUBMIT ALL ELECTRICAL AND MECHANICAL DRAWINGS AND SCHEDULES PRIOR TO BID, PROCUREMENT OR COMMENCING ANY WORK. ALL SUBMITTALS SHALL BE REVIEWED FOR FIT, FINISH, AND QUANTITY. SITE LOCATION, TYPE OF INSTALLATION, ACCESSORIES, SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ARCHITECT IN ORDER TO CORRECT ANY ERRORS PRIOR TO PROCEEDING. THE OWNER RESERVE THE RIGHT TO REQUIRE THE MORE RESTRICTIVE SPECIFICATION.
5. PRIOR TO CREATING ANY PENETRATIONS OF THE CONCRETE FLOOR SLAB, THE CONTRACTOR SHALL SUBMIT A DETAIL OF THE PENETRATION AND LOCATE ALL EXISTING SLAB REINFORCEMENT USING RADIO. THE G.C. SHALL BE RESPONSIBLE FOR AUTHORIZING THE PENETRATION AND PROVIDE SLAB REINFORCEMENT. IF RELOCATION OF A FLOOR PENETRATION IS REQUIRED, THE CONTRACTOR SHALL OBTAIN THE ARCHITECT'S AND APPROVAL OF THE PROPOSED NEW LOCATION PRIOR TO PROCEEDING.

GENERAL POWER NOTES:

1. ALL SITE LIGHTING FIXTURES SHALL BE CONTROLLED BY TIME-CLOCK AND PHOTOCELL SYSTEM. REFER TO DIAGRAM ON THIS SHEET FOR MORE INFORMATION. SYSTEM INFORMATION AND SPECIFICATIONS WILL BE PROVIDED ON THE ELECTRICAL DESIGN STAGE.
2. ALL DEVICES ARE NEW UNLESS OTHERWISE NOTED



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PROJECT NUMBER	A1711115.07
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REGISTRATION	
CAULEY LOTT PARK	

SHEET NUMBER _____

ES2.101
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EGF-L_Enform_area_large 06/11 page 5 of 9

A. PIPE & PIPE FITTINGS
MATERIALS SHALL BE AS FOLLOWS:

- A. PIPE & PIPE FITTINGS**
MATERIALS SHALL BE AS FOLLOWS:
1. SANITARY SEWER AND STORM WATER: PVC - SCHEDULE 40.
 2. VENT PIPING: PVC - SCHEDULE 40.
 3. DOMESTIC WATER: CPVC - SCHEDULE 40.
 4. NATURAL GAS: SCHEDULE 40 BLACK STEEL T&C WITH MALLEABLE FITTINGS.
- B. PIPE SUPPORTS AND COVER PLATES**
PIPE HANGERS, SUPPORTS, AND INSERTS SHALL BE AS FOLLOWS:
1. PIPING SHALL BE SUPPORTED INDEPENDENTLY OF ALL CONNECTIONS AND SLEEVES BY PIPE HANGERS AND PIPE SUPPORTS OF MODERN, GRINNELL, FEE & MASON, AUTO-RIP OR CRANE MAKE AS FOLLOWS:

	MAXIMUM DISTANCE FROM SLEEVE IN WALL END OFFSET OR CORNER TO HANGER	MAXIMUM HORIZONTAL HANGER SPACING
<u>COPPER PIPE SIZE</u>		
1-1/4" AND SMALLER	2' - 0"	5' - 0"
1-1/2" AND LARGER	3' - 0"	10' - 0"
<u>PVC PIPE SIZE</u>		
1" AND SMALLER	2' - 0"	3' - 0"
1-1/4" AND LARGER	3' - 0"	4' - 0"
<u>STEEL PIPE SIZE</u>		
1-1/4" AND SMALLER	2' - 0"	7' - 0"
1-1/2" AND LARGER	3' - 0"	10' - 0"

2. HANGERS AND SUPPORTS SHALL BE ARRANGED TO PERMIT FREE, UNRESTRAINED AND NOISELESS EXPANSION AND CONTRACTION OF PIPING AND MUST BE ADJUSTABLE.
3. UNLESS OTHERWISE SPECIFIED, ALL HANGERS, SUPPORTS, COUPLERS, AND SUPPORT EQUIPMENT, ETC., SHALL BE OF ALL STEEL CONSTRUCTION WITH A HEAVY PRIME COAT, EXCEPT THE PORTION IN CONTACT WITH NON-FERROUS PIPE SHALL BE SAME CONSTRUCTION AS PIPE, PLATED WITH SAME METAL AS PIPE, OR COVERED WITH AN INERT, NON-TOXIC, AND NON-FLAMMABLE COATING.
4. OVERHEAD HANGERS SHALL BE OF THE SOLID RING, SPLIT RING, OR CLEVIS TYPE, WITH ADJUSTABLE STEEL RODS SECURELY SUPPORTED FROM INSERTS OR BOLTED TO STEEL CONSTRUCTION.
5. PIPING HANGERS SHALL BE SUPPORTED BY STEEL BRACKETS OR WELDED STEEL PLATE BRACKETS WITH SUSPENSION RING HANGERS, ARRANGED TO POSITION PIPING, AWAY FROM WALLS IN CENTER OF SLEEVES, SECURELY BOLTED TO MASONRY WALLS OR STEEL CONSTRUCTION. HANGERS AND SUPPORTS SHALL BE 1/4" OF FILL OF STEEL OR STEEL EQUIVALENT.

C. INSULATION

PIPE COVER

1. SHALL BE FIBERGLASS (K-0.23 AT 75 DEGREES F.) WITH FACTORY APPLIED WHITE, FLAME RESISTANT, VAPOR BARRIER JACKET TYPE ASJ, AS MANUFACTURED BY OWENS-CORNING, GUSTIN-BACON, OR PPG. INSULATION THICKNESS SHALL BE BASE ON PIPE SIZE AS NOTED BELOW:

COLD WATER PIPE SIZE

COLD WATER PIPE SIZE	
1-1/4" AND SMALLER	1/2" THICK
1-1/2" TO 4"	1" THICK

HOT WATER PIPE SIZE

1-1/4" AND SMALLER	1" THICK
1-1/2" TO 4"	1 - 1/2" THICK

2. VALVES AND FITTINGS SHALL BE COVERED WITH 3-1/2# DENSITY, 1/2" THICK FIBERGLASS PROTECTED WITH A 6 OZ. FLAME RETARDANT TREATED, CANVAS JACKET.
3. FLOOR DRAINS, FLOOR SINKS, OR HUB DRAINS RECEIVING CONDENSATE WASTE FROM ICE MACHINES OR ICE BINS SHALL BE INSULATED WITH 1/2" FIBERGLASS INSULATION COVERING THE P-TRAP AND THE FIRST FIVE FEET OF HORIZONTAL PIPING WHEN INSTALLED OVER A CEILING OF A LOWER FLOOR.

D. INSTALLATION

1. PIPING SHALL RUN LINE, STRAIGHT, PLUMB, AND PARALLEL WITH WALLS; HAVE UNIFORM PITCH; BE CENTERED IN HANGERS OR SUPPORTS INDEPENDENT OF CONNECTIONS AND SLEEVES; BE ANCHORED TO STRUCTURE TO CONTROL DEFLECTION; BE PROTECTED WITH EXPANSION JOINTS, EXPANSION SLEEVES, EXPANSION LOOPS, AND COMPENSATING CONNECTORS WITH FLEXIBLE PIPE AND FITTINGS ARRANGINGS, AS REQUIRED TO PERMIT FREE, UNRESTRAINED, NOISELESS EXPANSION AND CONTRACTION, AND FREEDOM FROM STRAIN ON EQUIPMENT.
2. UNIONS AND FLANGE JOINTS SHALL BE PROVIDED IN EACH BRANCH, ADJACENT TO EACH EQUIPMENT CONNECTION, EACH VALVE, OR DEVICE, OR GROUP OF VALVES OR DEVICES, AND AT LEAST EVERY 75' - 0" IN MAINS.
3. THE PLUMBING SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH GOVERNING BUILDING CODES AS LISTED.
4. CONNECTIONS TO SOIL, WASTE, AND DRAIN STACKS SHALL BE AT 45 DEGREES; THOSE TO VENT STACKS MAY BE AT 45 DEGREES OR 90 DEGREES.
5. CONNECTIONS TO DRAIN STACKS SHALL BE MADE WITH STAINLESS STEEL, BRAIDED OR COPPER TUBE, NO PLASTIC TUBING ALLOWED.
6. UNLESS OTHERWISE NOTED, SOIL, WASTE, DRAIN, AND VENT STACKS SHALL BE CONCEALED IN WALLS, PIPE CHASES, OR shafts WITH CLEANOUTS EXTENDED TO ACCESSIBLE LOCATIONS.
7. ALL PLUMBING FIXTURES SHALL BE PROPERLY VENTED TO PREVENT SIPHONING OF TRAPS.
8. USE LEAD JACKETS FOR ROOF VENTS ONLY.
9. CONTRACTOR SHALL INSTALL SHOCK ABSORBERS IN PIPING SYSTEM PER PDI GUIDELINES TO PREVENT NOISE AND DAMAGE DUE TO WATER HAMMER. ALL BRANCH PIPING SHALL HAVE ACCESSIBLE SERVICE VALVES.
10. ALL HOT WATER PIPING INCLUDING ALL PIPING IN PIPE CHASES SHALL BE COVERED WITH SPECIFIED INSULATION. INSULATE ALL VALVES AND FITTINGS, EXCEPT UNIONS AND TAPER, SEAL, AND COVER ALL PLASTIC TUBING ENDINGS.
11. THE DOMESTIC WATER PIPING SYSTEM SHALL BE FILLED WITH A SOLUTION CONTAINING 50 PARTS PER MILLION OF CHLORINE AND ALLOWED TO STAND FOR NOT LESS THAN TWENTY FOUR (24) HOURS BEFORE USE. CHLORINE SOLUTION SHALL BE REMOVED AFTER ALL PIPING AND FINAL CONNECTIONS AND PRESSURE TESTS HAVE BEEN COMPLETED.
12. TO THE BEST OF THE ENGINEERS KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND THE APPLICABLE FIRE SAFETY STANDARDS AS DETERMINED BY THE FINAL ADOPTED EDITION OF THE INTERNATIONAL BUILDING CODE, 2018 EDITION, IBC, 2018 IBC 110.8.4.20, SEVENTH EDITION. WORK SHALL BE DONE IN COMPLIANCE WITH THE FLORIDA PLUMBING CODE, 2020 SEVENTH EDITION.
13. PLASTIC PIPING SHALL BE PROVIDED FOR APPLIANCE OF FIXTURE WATER SUPPLY CONNECTIONS. ALL CONNECTIONS SHALL BE MADE THROUGH STAINLESS STEEL, BRAIDED OR COPPER TUBING.

SHEET LIST - PLUMBING		
Sheet Number	Sheet Name	Revision
P1.001	PLUMBING NOTES AND SCHEDULES	
P1.002	PLUMBING DETAILS	
P1.003	PAVILION PLUMBING DIAGRAM	

SYMBOL	FIXTURE TYPE	DESCRIPTION	BASIS OF DESIGN				CONNECTION				NOTES
			MFR	MODEL	ACCESSORIES	W	V	CW	HW		
P 1	WATER CLOSET - ADA	WALL MOUNTED, STAINLESS STEEL, TOP SPUD FLUSHOMETER, BARRIER FREE MOUNTING HEIGHT	WILLOUGHBY	ETWS-1460-TS	FLUSH VALVE 1.28 GPF	4"	2"	1"	0"	PROVIDE FLOOR MOUNTED ADJUSTABLE CARRIER	
P 2	WATER CLOSET	WALL MOUNTED, STAINLESS STEEL, TOP SPUD FLUSHOMETER, STANDARD MOUNTING HEIGHT	WILLOUGHBY	ETWS-1460-TS	FLUSH VALVE 1.28 GPF	4"	2"	1"	0"	PROVIDE FLOOR MOUNTED ADJUSTABLE CARRIER	
P 3	URNAL - ADA	WALL MOUNTED, STAINLESS STEEL, TOP SPUD, FLUSHOMETER, BARRIER FREE MOUNTING HEIGHT	WILLOUGHBY	UW-3111FAS-2U	FLUSH VALVE 0.25 1.28 GPF	2"	1 1/2"	3/4"	0"	PROVIDE FLOOR MOUNTED CARRIER	
P 4	LAVATORY	UNDERCOUNTER MOUNTED, STAINLESS STEEL, ROUND BASIN, SATIN FINISH	KOHLER	K-3619-SU	FAUCET (0.35 COMPRESSOR - BATTERY) AMERICAN STANDARD 0653.104; PROVIDE WITH AMERICAN STANDARD 605X1070 THERMOSTATIC MIXING VALVE (AS1070); GRID DRAIN ASSEMBLY 1/2" X 3/8" ANGLE STOP WITH FLEXIBLE TUBE RISERS; OFFSET P-TWAP FOR BARRIER FREE INSTALL.	1 1/2"	1 1/2"	12"	12"		
P 5	LAVATORY - ADA	WALL MOUNTED, STAINLESS STEEL	WILLOUGHBY	ES-105-HC	FAUCET (0.35 COMPRESSOR - BATTERY) AMERICAN STANDARD 0653.105-V535; MULTI-LAMINAR SPRAY; PROVIDE WITH AMERICAN STANDARD 605X1070 THERMOSTATIC MIXING VALVE (AS1070); GRID DRAIN ASSEMBLY, PROVIDE 1/2" X 3/8" ANGLE STOP WITH FLEXIBLE TUBE RISERS.	1 1/2"	1 1/2"	12"	12"	PROVIDE WITH WALL MOUNTING KIT	
P 6	MOP SINK	FLOOR MOUNTED, ONE PIECE MOLDED STRUCTURAL FIBERGLASS, 24-INCHES X 24-INCHES X 10-INCHES	MUSTEE	63M	FAUCET (SERVICE SINK) CHICAGO 631-UB3P WITH INTEGRAL CHECKS MOP HANGER, WALL GUARDS	9"	2"	12"	12"		
P 7	WATER FOUNTAIN	STAINLESS STEEL, VERTICAL, DOUBLE BOWL, RESISTANT BUBBLER	ELKAY	EHW217C	PROVIDE WITH IN WALL CARRIER AND ADA APRON	1 1/2"	1 1/2"	12"	0"		

SYMBOL	EQUIPMENT TYPE	AREA SERVED	BASIS OF DESIGN		TANK CAPACITY (GALLONS)	INPUT (MBH)	ELECTRICAL					COMMENTS
			MFR	MODEL			VOLTS	PH	FLA	MCA	KW	
PE 1	ELECTRIC WATER HEATER	PAVILION	LOCHINVAR	LS302L	30	0	208 V	1	21.6 A	27 A	4.5 KW	SET WATER HEATER TO 140 DEG. F. PROVIDE WITH CON-X-LUS REMOTE CONNECTION KIT, CONDENSATE INSTANTLY DRAIN KIT

SYMBOL	EQUIPMENT TYPE	AREA SERVED	BASIS OF DESIGN		FLOW RATE (GPM)	HEAD (FT H2O)	RPM	ELECTRICAL					COMMENTS
			MFR	MODEL				VOLTS	PH	FLA	KW	HP	
PP 2	CIRCULATION PUMP	PAVILION	ARMSTRONG	220SSU	3	1	0	120 V	1	0.3 A		0 hp	INSTALL WITH ARMSTRONG 3.0 24 THERM ASSUAT UNIT. LOCATE NEAR WATER HEATER.

[illegible]

1. TO THE BEST OF THE ENGINEER'S KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND THE APPLICABLE FIRE SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY ACCORDANCE WITH SECTION AND CHAPTER 633, FLORIDA STATUTES, FBC 110.8 & 4.2 2020.

2. ALL WORK SHALL BE DONE IN ACCORDANCE WITH APPLICABLE CODES. TO THE BEST OF THE ENGINEER'S KNOWLEDGE, ALL DRAWINGS AND SPECIFICATIONS COMPLY WITH MINIMUM EXISTING CODES.

- * 2020 FLORIDA BUILDING CODE SEVENTH EDITION
- * 2020 FLORIDA PLUMBING CODE SEVENTH EDITION
- * 2020 FLORIDA ENERGY CONSERVATION CODE SEVENTH EDITION

**COMMUNITY
SOLUTIONS
GROUP**



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CERTIFICATE OF AUTHORIZATION: EB025

PROJECT
CAULEY LOTT PARK

1717 N. HIGHLAND STREET
MOUNT DORA, FL 32757

ISSUED FOR
CONSTRUCTION

CONSULTANTS



REVISIONS:

PROJECT NUMBER 20-02

DATE: 12/17/2021

DRAWN: Author

CHECKED: _____ Checker _____

APPROVED: _____ Approver

REGISTRATION _____ Approver _____

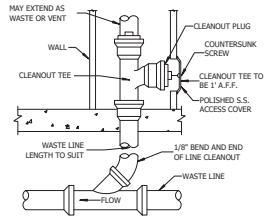
SHEET TITLE
PLUMBING NOTES AND SCHEDULES

SHEET NUMBER

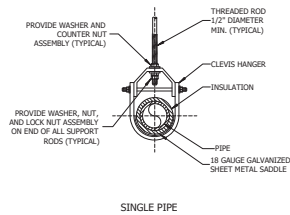
P1.001

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1
P1.002 CONCEALED CLEANOUT DETAIL
N.T.S.

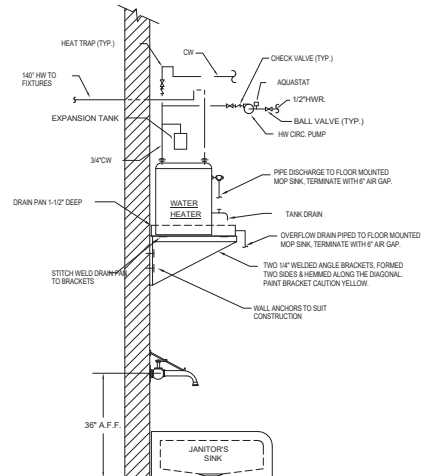


GENERAL NOTES:

1. SIZE HANGER RODS TO SUPPORT TWO TIMES LIVE LOAD, BUT IN NO INSTANCE SMALLER THAN 1/2" DIAMETER.
2. CONNECT TO TOP OR BOTTOM CHORD OF JOISTS BUT ONLY AT PANEL POINTS. REFER TO SPEC.
3. COORDINATE CONNECTION METHODS WITH STRUCTURAL SYSTEM. C-CLAMPS ARE NOT ACCEPTABLE FOR ANY PIPE HANGER ASSEMBLIES.
4. LENGTH OF PIPING SHIELD SHALL BE THREE TIMES PIPE SIZE OR MINIMUM 9".

PIPE SUPPORT SPACING SCHEDULE		
PIPE SIZE	STEEL SPACING	COPPER SPACING
UP TO 3/4"	6'-0"	5'-0"
1"	6'-0"	5'-0"
1 1/4"	7'-0"	6'-0"
1 1/2"	9'-0"	8'-0"
2"	10'-0"	8'-0"

2
P1.002 TYPICAL HANGERS FOR INSULATED PIPING DETAIL
N.T.S.



3
P1.002 ELECTRIC WATER HEATER DETAIL
N.T.S.

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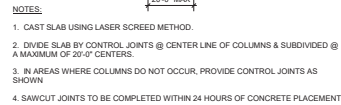


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Robert L. Plowfield, Jr.
FL Registration No. 39759



PRE-FORMED STRIP MAY BE USED IN LIEU OF SAWCUT JOINT.

(A) CONTROL JOINT DETAIL (B) COLD JOINT DETAIL

ISOLATION JOINTS @
COLUMN SLAB-ON-GRADE

Figure 10.10 consists of two diagrams, (A) and (B), illustrating details of a slab opening.

(A) SECTION: This diagram shows a cross-section of a slab. The slab is labeled "SLAB ON GRADE". The opening is labeled "2'-0" TYP." and "6'-0" MAX". The slab thickness is labeled "4'-6 1/2' x 6'-0" DIAGONAL BARS". The opening is labeled "RECTANGULAR OR ROUND OPENING". The opening is labeled "4'-6 1/2' x 6'-0" DIAGONAL BARS". The opening is labeled "4#5 A.S. SIDE OF OPENING NOT REQUIRED IF OPENING IS LESS THAN 2'-0"

(B) PLAN VIEW: This diagram shows a top-down view of the slab opening. The opening is labeled "RECTANGULAR OR ROUND OPENING". The opening is labeled "2'-0" TYP." and "6'-0" MAX". The slab is labeled "SLAB ON GRADE". The opening is labeled "4'-6 1/2' x 6'-0" DIAGONAL BARS". The opening is labeled "4#5 A.S. SIDE OF OPENING NOT REQUIRED IF OPENING IS LESS THAN 2'-0"

SEE PLANS AND DETAILS FOR LOCATION AND REINFORCING OF GROUTED CELLS, TYP.

PROVIDE 48 BAR DIAMETER LAPS, TYP.

GROUT TO CONFORM TO ASTM C476-63. SUBMIT MIX DESIGN FOR REVIEW. MAXIMUM AGGREGATE SIZE = 3/8" (#6). SLUMP = 8" TO 10". DO NOT USE SAME MIX AS USED FOR THE BEAMS.

STOP GROUT POUR 1 1/2" (MIN.) BELOW TOP OF MASONRY UNIT IF POUR IS STOPPED FOR MORE THAN ONE HOUR, TYP.

MAX. HEIGHT OF LIFT = 5'-0"

NOTE:
RECONSOLIDATE THE GROUT AFTER ALLOWING THE EXCESS WATER TO BE ABSORBED BY THE MASONRY UNITS (3 TO 5 MINUTES)

The diagram illustrates the process of installing a grout column within a formwork. The sequence of steps is as follows:

- STOP GROUT POUR 1 1/2" (MIN.) BELOW TOP OF MASONRY UNIT:** The grout is poured up to just below the masonry unit.
- IF POUR IS STOPPED FOR MORE THAN ONE HOUR, TYP.:** A note indicating the procedure if the pour is interrupted.
- SEE PLANS AND DETAILS FOR LOCATION AND REINFORCING OF GROUTED CELLS, TYP.:** Reference to the project plans for the specific location and reinforcement of the grouted cells.
- PROVIDE #8 BAR DIAMETER LAPS, TYP.:** Reinforcement bars are shown overlapping within the grout column.
- GROUT TO CONFORM TO ASTM C476-83. SUBMIT MIX DESIGN FOR REVIEW. MAXIMUM AGGREGATE SIZE = 3/8" (M). SLUMP = 8" TO 10". DO NOT USE SAME MIX AS USED FOR THE BEAMS.** Detailed requirements for the grout mix design.
- NOTE: DO NOT GROUT UNTIL MORTAR HAS SET SUFFICIENTLY TO WITHSTAND THE PRESSURE OF THE GROUT. WAIT MINIMUM OF 24 HOURS, TYP.:** A critical note about the timing of the grout pour relative to the mortar setting.
- MAX. HEIGHT OF LIFT = 5'-0". MAX. HEIGHT OF POUR = 24". MECHANICALLY CONSOLIDATE EACH LIFT 3-5 MINUTES AFTER LIFT IS Poured.** Specifications for the height of the grout lift and the consolidation process.
- NOTE: RECONSOLIDATE THE GROUT AFTER ALLOWING THE EXCESS WATER TO BE ABSORBED BY THE MASONRY UNITS (3 TO 5 MINUTES).** A second note about reconsolidating the grout after it has absorbed water from the masonry.
- PROVIDE 4"x6" CLEANOUT HOLE AND REMOVE ALL DEBRIS INSIDE CELLS. SEAL PRIOR TO GROUTING. AFTER INSPECTION.** Instructions for preparing the formwork before and after the grout pour.

VERT. REIN. IN GROUT FILLED CELL. SEE SCHEDULE (REINFORCING TO BE CENTERED IN CMU CELL)

8" CMU PER PLAN

1/2" EXP. JOINT MATERIAL

CONC. SLAB, SEE PLAN

W.W.F.

1/2" EXP. JOINT MATERIAL

CONC. SLAB, SEE PLAN

W.W.F.

T.O. SLAB EL. SEE PLAN

VAPOR RETARDER

8" CMU PER PLAN

1/2" EXP. JOINT MATERIAL

CONC. SLAB, SEE PLAN

W.W.F.

DOWELS TO MATCH & ALIGN W/ VERT. REIN. W/ STD. HK. LAP 48 BAR DIAMETERS

DEPTH

6" MIN

3" MIN

6" MIN

3" MIN

SEE SCHEDULE FOR REIN. SIZE & SPACING, TYP.

FOOTING & WALL

#5 PERIMETER BAR CONT.

FIN. GRADE

CONC. SLAB

W.W.F.

10 MIL VAPOR BARRIER
ASTM E-1745 CLASS 'A'
TYP.

SEE SCHED. FOR
REINF. SIZE & SPACING

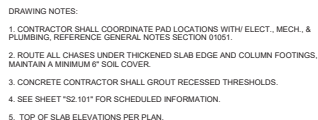
DEPTH

WIDTH

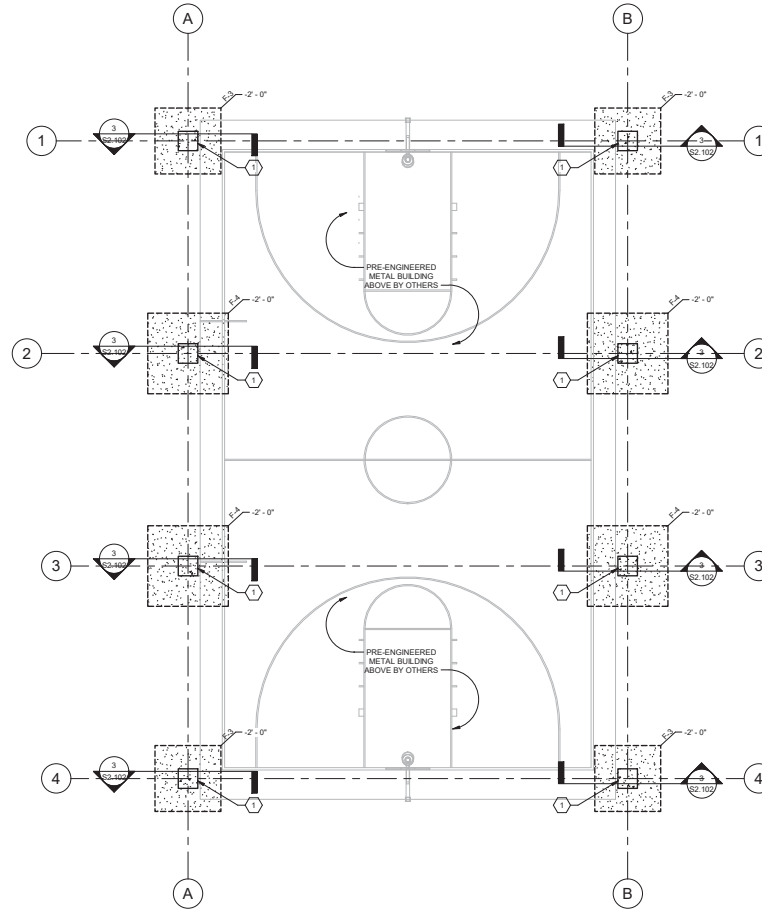
PLOWFIELD & ASSOCIATES
R.L. PLOWFIELD & ASSOCIATES, INC.
Structural Engineers
1073 Wile Springs Drw #201
Winter Springs, FL 32788
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PROFESSIONAL ENGINEER
No. 39759
STATE OF FLORIDA

Robert L. Plowfield, Jr.
FL Registration No. 39759



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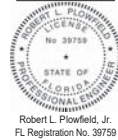


HEXAGON NOTES:
1. CONCRETE COLUMN PEDESTAL PER DETAIL "3" / S2.102"

DRAWING NOTES:
1. CONTRACTOR SHALL COORDINATE PAD LOCATIONS WITH/ ELECT., MECH., & PLUMBING. REFERENCE GENERAL NOTES SECTION 01051.
2. ROUTE ALL CHASES UNDER THICKENED SLAB EDGE AND COLUMN FOOTINGS. MAINTAIN A MINIMUM 6" SOIL COVER.
3. CONCRETE CONTRACTOR SHALL GROUT RECESSED THRESHOLDS.
4. SEE SHEET "S2.101" FOR SCHEDULED INFORMATION.
5. FINISHED GRADE @ EL: 0'-0"

1 BASKETBALL COURT FOUNDATION PLAN
S1.103 SCALE: 1/8" = 1'-0"

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COMMUNITY
SOLUTIONS
GROUP



618 E. SOUTH STREET
SUITE 700
ORLANDO, FL 32801
407 423-8398

CERTIFICATE OF AUTHORIZATION: EB9951

PROJECT
CAULEY LOTT
PARK
1717 N. HIGHLAND STREET,
MOUNT DORA, FL 32757

ISSUED FOR
PERMIT

CONSULTANTS



REVISIONS:

PROJECT NUMBER	21120
DATE:	12/17/2021
DRAWN:	NLC
CHECKED:	RLP
APPROVED:	RLP
REGISTRATION:	RLP

SHEET TITLE
BASKETBALL COURT
FOUNDATION PLAN

SHEET NUMBER

S1.103

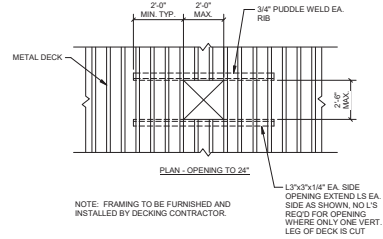
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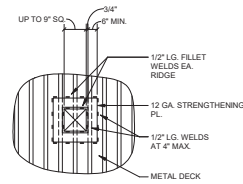




2
S4.101

SMALL REINFORCED
DECK OPENING DETAIL

SCALE: 3/4" = 1'-0"



2
S4.101

SMALL REINFORCED
DECK OPENING DETAIL

SCALE: 3/4" = 1'-0"

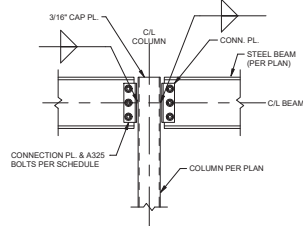


3 RAKED TIE BEAM
S4.101 SCALE: 3/4" = 1'-0"

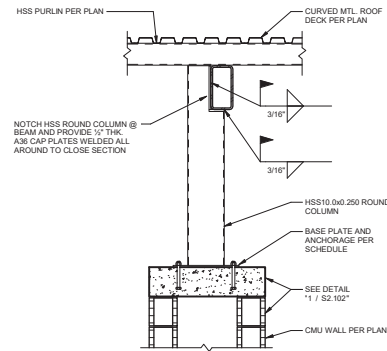
WF BEAM PER PLAN

CONNECTION PL. & BOLTS PER SCHEDULE

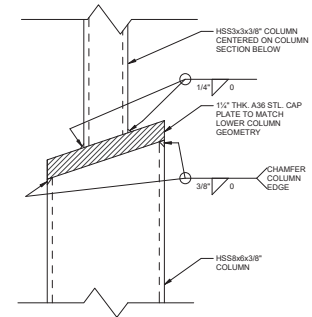
WF BEAM PER PLAN



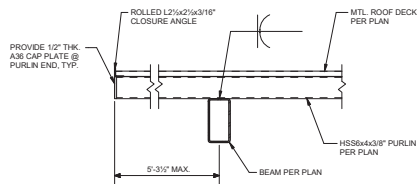
4 SIMPLE BEAM CONNECTION DETAILS
S4.101 SCALE: 3/4" = 1'-0"



5 COLUMN DETAIL
S4.101 SCALE: 3/4" = 1'-0"



6 COLUMN TRANSITION
S4.101 SCALE: 3" = 1'-0"



7 HSS ROOF SUPPORT
S4.101 SCALE: 3/4" = 1'-0"



**CITY OF
MOUNT
DORA**

**Leisure Services
900 N. Donnelly St.
Mount Dora, FL 32757
352-735-7183
Fax: 352-735-3681
E-mail: parksandrec@cityofmoundora.com**

DATE: March 21, 2022

TO: Parks and Recreation Advisory Board Members

FROM: Amy Jewell, Leisure Services Director

SUBJECT: Parks and Recreation Strategic Review

Introduction:

At last month's Board meeting, staff delivered updates regarding park projects as they related to the City's Parks and Recreation Master Plan. This is an opportunity to continue the Strategic Review discussion that began at that time.

Discussion:

At this month's meeting, staff will more specifically address projects related to the parks and facilities under the care of Leisure Services. A spreadsheet listing the Leisure Services properties categories according to planning and park type is provided to assist with recognizing the progress made to this point, and the steps that may be taken to move forward with future projects.

Budget Impact:

There is no budget impact for this item.

Strategic Impact:

This item satisfies Objective 2.3. of the City of Mount Dora's Strategic Plan: Develop a parks and recreation system guided by the principles of the Parks and Recreation Master Plan.

Recommendation

Board members discuss the strategic impact of future projects.

Attachment(s):

1. Attachment 1 Strategic Review Parks Categorized

Prepared by: Jeanann Hand, Administrative Coordinator

Reviewed by: Troy Shonk, Leisure Services Administrator

Final Approval - 3/16/2022

PARKS REQUIRING SITE SPECIFIC MASTER PLAN-CAULEY LOTT AND LILLIE PARKS

Annual Maintenance	In-process	Complete	Future Date	Property	Description	Details	Notes
		x		Cauley Lott & Lillie Park	Develop site-specific master plan.	Conceptual plan options with public hearing.	
		x		Cauley Lott & Lillie Park	Develop site-specific master plan.	Final master plan.	
		x		Cauley Lott & Lillie Park	Develop site-specific master plan.	Cost estimate.	
	x			Cauley Lott & Lillie Park	Develop site-specific master plan.	Phasing (if necessary).	
	x			Cauley Lott & Lillie Park		Amphitheater enhancements.	
			x	Cauley Lott & Lillie Park		Large playground and splash pad.	
	x			Cauley Lott & Lillie Park		Improved parking.	
	x			Cauley Lott & Lillie Park		Re-construct court sports.	
	x			Cauley Lott & Lillie Park		Renovate pavilion and bring up to code.	
	x			Cauley Lott & Lillie Park		Interior pedestrian access throughout park.	
	x			Cauley Lott & Lillie Park		Integrate park design with stormwater component.	
	x			Cauley Lott & Lillie Park		Replace individual picnic shelters.	
x				Cauley Lott & Lillie Park		Grand connection across Pine Ave. to Lillie Park.	
	x			Cauley Lott & Lillie Park		Additional security enhancements.	

PARKS REQUIRING SITE SPECIFIC MASTER PLAN-DONNELLY PARK

Annual Maintenance	In-process	Complete	Future Date	Property	Description	Details	Notes
		x		Donnelly Park	Improve accessible routes into and throughout the park.	.	
		x		Donnelly Park	Develop site-specific master plan.	Opportunities and constraints.	
		x		Donnelly Park	Develop site-specific master plan.	Conceptual plan options with public hearing.	
		x		Donnelly Park	Develop site-specific master plan.	Final master plan.	
		x		Donnelly Park	Develop site-specific master plan.	Cost estimate.	
		x		Donnelly Park		Building and restroom renovation.	
		x		Donnelly Park		Renovation of SW corner-address the CBD/primary tourist access point.	
		x		Donnelly Park		Analyze topographic survey to identify solutions to pedestrian route grading challenges and erosion runoff issues.	
		x		Donnelly Park		Build upon successful programmatic elements, enhance aesthetics and functionality.	

PARKS REQUIRING SITE SPECIFIC MASTER PLAN=ELIZABETH EVANS PARK

Annual Maintenance	In-process	Complete	Future Date	Property	Description	Details	Notes
		x		Elizabeth Evans Park	Develop site-specific master plan.	Opportunities and constraints.	
		x		Elizabeth Evans Park	Develop site-specific master plan.	Conceptual plan options with public hearing.	
		x		Elizabeth Evans Park	Develop site-specific master plan.	Final master plan.	
		x		Elizabeth Evans Park	Develop site-specific master plan.	Cost estimate.	
		x		Elizabeth Evans Park	Develop site-specific master plan.	Phasing (if necessary).	
		x		Elizabeth Evans Park		New civic pavilion overlooking the lake.	
		x		Elizabeth Evans Park		Improve accessibility into and throughout the park.	
		x		Elizabeth Evans Park		Provide safe edge to the lake while maintaining the relationship to nature and views across the water.	
		x		Elizabeth Evans Park		Add restroom building and drinking water supply.	
		x		Elizabeth Evans Park		Provide grading and drainage improvements.	
x				Elizabeth Evans Park		Provide general landscape renovation.	Ongoing as the need comes up.

PARKS REQUIRING SITE SPECIFIC MASTER PLAN-LINCOLN AVENUE PARK AND POOL

Annual Maintenance	In-process	Complete	Future Date	Property	Description	Details	Notes
			x	Lincoln Avenue Community Park and Pool	Develop site-specific master plan.	Currently recommended for short-term implementation. If pushed to mid-term, Small-scale improvements recommended in short-term timeframe.	
			x	Lincoln Avenue Community Park and Pool	Develop site-specific master plan.	Opportunities and constraints.	
			x	Lincoln Avenue Community Park and Pool	Develop site-specific master plan.	Conceptual plan options with public hearing.	
			x	Lincoln Avenue Community Park and Pool	Develop site-specific master plan.	Final master plan.	
			x	Lincoln Avenue Community Park and Pool	Develop site-specific master plan.	Cost estimate.	
			x	Lincoln Avenue Community Park and Pool	Develop site-specific master plan.	Phasing (if necessary).	
			x	Lincoln Avenue Community Park and Pool		Optimize use of space for event days and improve daily use options.	
			x	Lincoln Avenue Community Park and Pool		Clearly program space.	
			x	Lincoln Avenue Community Park and Pool		Improve accessibility into and throughout the park and to adjacent city parks and community facilities.	

PARKS REQUIRING SITE SPECIFIC MASTER PLAN-MOUNT DORA GOLF CLUB

Annual Maintenance	In-process	Complete	Future Date				
				Property	Description	Details	Notes
				Mount Dora Golf Club (Tennis Courts)	Develop site-specific master plan.	Opportunities and constraints.	Demolished
				Mount Dora Golf Club (Tennis Courts)	Develop site-specific master plan.	Conceptual plan options with public hearing.	Demolished
				Mount Dora Golf Club (Tennis Courts)	Develop site-specific master plan.	Final master plan.	Demolished
				Mount Dora Golf Club (Tennis Courts)	Develop site-specific master plan.	Cost estimate.	Demolished
				Mount Dora Golf Club (Tennis Courts)		Determine site programming.	Demolished
				Mount Dora Golf Club (Tennis Courts)		Address parking needs.	Demolished
				Mount Dora Golf Club (Tennis Courts)		Provide accessible pedestrian connections to surrounding areas and within park.	Demolished
				Mount Dora Golf Club (Tennis Courts)		Provide active recreation opportunity per community input.	Demolished

PARKS REQUIRING SITE SPECIFIC MASTER PLAN-SIMPSON COVE

Annual Maintenance	In-process	Complete	Future Date	Property	Description	Details	Notes
	x			Simpson Cove (Boat Launch)	Improve the implied connections to the lakefront series of parks-speed table on Tremain at park connection.		
		x		Simpson Cove (Boat Launch)	Develop a site-specific master plan.	Opportunities and constraints.	
		x		Simpson Cove (Boat Launch)	Develop a site-specific master plan.	Final master plan.	
		x		Simpson Cove (Boat Launch)	Develop a site-specific master plan.	Cost estimating.	
		x		Simpson Cove (Boat Launch)		Improve circulation and parking in boat ramp area.	
x				Simpson Cove (Boat Launch)		Improve accessible pedestrian connections throughout site.	
x				Simpson Cove (Boat Launch)		Accommodate special events and daily use.	
		x		Simpson Cove (Boat Launch)		Provide wayfinding from surrounding areas.	

PARKS REQUIRING SITE SPECIFIC MASTER PLAN-STEIN PARK

Annual Maintenance	In-process	Complete	Future Date	Property	Description	Details	Notes
	x			Stein Park	Develop site-specific master plan.	Opportunities and constraints.	
				Stein Park	Develop site-specific master plan.	Conceptual plan options with public hearing.	No need for master plan.
				Stein Park	Develop site-specific master plan.	Final master plan.	No need for master plan.
				Stein Park	Develop site-specific master plan.	Cost estimate.	No need for master plan.
				Stein Park	Develop site-specific master plan.	Phasing (if necessary).	No need for master plan.
	x			Stein Park		Provide accessible interior pedestrian sidewalk and walking loop.	
	x			Stein Park		Provide accessible shaded seating.	
	x			Stein Park		Provide gathering space with picnic tables.	
				Stein Park		Provide drinking fountain and trash receptacles.	No need.
		x		Stein Park		Provide open space.	
	x			Stein Park		Include educational signage regarding historic Chautauqua Assembly Hotel.	
	x			Stein Park		Provide pedestrian connectivity-crosswalks at all intersections.	

PARKS NOT REQUIRING SITE SPECIFIC MASTER PLAN-1

Annual Maintenance	In-process	Complete	Future Date	Property	Description	Details	Notes
	x			Fourth Avenue Docks	Replace aging docks.		
		x		Fourth Avenue Docks	Improve wayfinding and facility awareness.	Celebrated entry.	Continued repairs via contractor
		x		Fourth Avenue Docks		Add ID and directional signage to McDonald St. intersection.	
	x			Blair Park	Improve access into park.	Pedestrian connectivity-crosswalks on both sides (Oakland Dr. & Sylvan Dr.)	
	x			Blair Park	Enhance park offerings.	Provide companion seating/bench and wheelchair pad.	
x				Blair Park		Maintain plantings to allow natural surveillance.	Ongoing as the need comes up.
		x		Blair Park		Improve path to memorial bench for accessibility.	
		x		Blair Park		Establish social nook with shaded seating.	
	x			Chautauqua Park	Improve access into park.	Pedestrian connectivity-crosswalks from surrounding streets/sidewalks.	
	x			Chautauqua Park	Enhance park offerings.	Provide companion seating/bench and wheelchair pad.	
	x			Chautauqua Park		Internal sidewalk/path system.	
x				Chautauqua Park		Maintain plantings to allow natural surveillance.	Ongoing as the need comes up.
	x			Chautauqua Park		Improve path to memorial bench for accessibility.	
		x		Chautauqua Park		Establish social nook with shaded seating.	
		x		Community Building	Address CPTED concerns.	Hire historic preservation architect to review CPTED issues related to bldg. access points, exterior stairwells and ramps, and functionality.	
x				Community Building		Maintain plantings to allow natural surveillance.	Ongoing as the need comes up.
		x		Community Building	Consider site design adjustments to improve load-in/load-out functions.		
	x			Forest Park (Trail)	Improve wayfinding into and within facility.	Provide park ID signage.	Ongoing as the need comes up.
	x			Forest Park (Trail)		Provide internal wayfinding and interpretative signage where appropriate.	Ongoing as the need comes up.
		x		Forest Park (Trail)		Provide trailhead (kiosk, trail map, info).	
	x	x		Forest Park (Trail)	Improve access into park.	Provide pedestrian connectivity from adjacent public facilities to existing trail access points (crosswalks and signs).	
		x		Forest Park (Trail)		Provide parking for drive-to access.	
	x			Forest Park (Trail)	Enhance park offerings.	Establish (1) accessible trail route through the property.	
	x			Forest Park (Trail)		Provide facilities for "nature school" to be programmed out of the library and/or Simpson House.	
	x			Forres Playground	Improve access into park.	Improve pedestrian connectivity to nearby City parks (Nature, Bike Trails, Lincoln Ave., Lak Franklin, and Lake Franklin Park).	
		x		Forres Playground		Provide pedestrian connection to/from E. 8th Ave.	
		x		Forres Playground	Maintain and enhance existing park.	Replace drinking fountains with accessible and durable models.	
		x		Forres Playground		Limb up and clear underbrush of existing trees to the south of the playground.	
		x		Forres Playground		provide natural tree shade in the playground, around seating areas and restroom building.	

PARKS NOT REQUIRING SITE SPECIFIC MASTER PLAN-2

Annual Maintenance	In-process	Complete	Future Date	Property	Description	Details	Notes
		x		Frank Brown Sports Complex	Improve connectivity and access into and within park.	Provide pedestrian connectivity to surrounding land uses-sidewalk connections to middle school, Lincoln Park, and Cauley Lott Park.	
		x		Frank Brown Sports Complex		Provide pedestrian connectivity throughout the park interior.	
		x		Frank Brown Sports Complex	Improve park functionality.	Correct CPTED issue at dumpster enclosure/basketball court SW access point-move basketball access point to the north away from dumpster.	
		x		Frank Brown Sports Complex		Reinstall canopies on maintenance/concessions building.	
		x		Frank Brown Sports Complex		Provide restrooms and drinking water supply for daily use.	
	x			Frank Brown Sports Complex	Implement site plan updates/upgrades including.	Install shade trees in the plaza in lieu of palms and crape myrtles.	
		x		Frank Brown Sports Complex		Install additional playground equipment.	
		x		Frank Brown Sports Complex		Move grill out from under picnic pavilion.	
		x		Frank Brown Sports Complex		Improve access to/through the picnic pavilion and provide (a) accessible picnic table.	
		x		Frank Brown Sports Complex		Ensure safety of players on fields by protecting them from light poles in infield.	
		x		Frank Brown Sports Complex		Improve grading issues to eliminate erosion where it is occurring	
		x		Frank Brown Sports Complex		Improve multi-use field turf conditions.	
		x		Frank Brown Sports Complex		Expand basketball court surface to the east, create a planted buffer from the parking lot on the west side.	
		x		Frank Brown Sports Complex		Screen the lift station from view.	

PARKS NOT REQUIRING SITE SPECIFIC MASTER PLAN-3

Annual Maintenance	In-process	Complete	Future Date	Property	Description	Details	Notes
		x		Gilbert Park	Increase access into park.	Provide accessible pedestrian connectivity to the park from surrounding public facilities (crosswalks).	
	x			Gilbert Park	Implement CPTED recommendations within park.	Provide adequate lighting to all areas of the park accessible during evening hours.	
		x		Gilbert Park		Remove screen fences from partially screened electrical equipment at SW corner to avoid ambush points.	
x				Gilbert Park		Maintain plantings to allow natural surveillance.	Ongoing as the need comes up.
	x			Gilbert Park		Repair damaged portions of post-and-deck playground (bent railings).	
	x			Gilbert Park		Move electrical panels currently out in the open in the west lawn to more discreet locations.	
	x			Gilbert Park	Update park offerings to better serve the community.	Provide comparable accessible seating and picnic opportunity in the west lawn.	
	x			Gilbert Park		Enhance the nature walk on the north side by implementing a true path with adequate lighting and light replacement, necessary safety features and plant maintenance.	We have a group volunteering to work with Bob Austin on April 2nd, 2022
			x	Gilbert Park		Replace playground for small children.	
			x	Grantham Pointe (Lighthouse)	Address issues on lake edge.	Correct erosion issues with pre-cast seawall.	
	x			Grantham Pointe (Lighthouse)		Remove nuisance and exotic plant species in littoral zone.	Bob Austin is working on this.
			x	Grantham Pointe (Lighthouse)	Enhance visitor experience.	Provide educational signage/environmental graphics.	
				Heim Field	No recommendations.	Under lease with high school. Lease terminating in 2027 with auto renewal of 10 year terms. If high school terminates its lease with the facility, master planning to determine needs of community and impact on service area and quality of coverage.	Gifter to Mount Dora High School
			x	Lake Franklin Park	Integrate park into Lincoln Ave. parks system.	Provide pedestrian connectivity to neighborhood and Mountain Bike Trails Park.	
	x			Lake Franklin Park		Add a small parking area to establish a trailhead/access point to the Mountain Bike Trails, Nature Park and facilities to the north.	Located at Forbes Park. Lincoln Master Plan will include this on the Lincoln side of the trail.
x				Lake Franklin Park	Add park offerings to provide use for the community.	Maintain plantings to allow natural surveillance.	Ongoing as the need comes up.
			x	Lake Franklin Park		Provide internal sidewalk connectivity and seating area.	
				Lake Gertrude Way	To be addressed by Public Works.	No further recommendations.	
				Lawn Bowling Club	No recommendations.	Under lease with Mount Dora Lawn Bowling Club.	
				Lions Memorial Park	No recommendations.	Facility is inaccessible through rights-of-way.	

PARKS NOT REQUIRING SITE SPECIFIC MASTER PLAN-4

Annual Maintenance	In-process	Complete	Future Date	Property	Description	Details	Notes
	x			Martin Luther King, Jr. Center	Provide accessible pedestrian connectivity to building from parking lot.	Add safe crossings from parking to property.	
	x			Martin Luther King, Jr. Center		Provide adequate lighting.	
x				Martin Luther King, Jr. Center		Maintain plantings to allow natural surveillance.	Ongoing as the need comes up.
		x		Martin Luther King, Jr. Center	Increase facility functionality.	Plumbing upgrades.	
		x		Martin Luther King, Jr. Center		Pave alley at north side of building.	
		x		Mount Dora Dog Park	Provide ADA accessible opportunities for users of park.	Provide accessible parking and pedestrian connectivity from parking lot to park.	
		x		Mount Dora Dog Park		Provide accessible pedestrian connectivity to pavilion within park and accessible seating opportunities.	
		x		Mount Dora Dog Park	Update/upgrade park offerings.	Ensure complete enclosure of small dog areas (loose gates, gaps under fences, etc.)	
		x		Mount Dora Dog Park		Consolidate and organize signage into one sign per area.	
		x		Mount Dora Dog Park		Update and upgrade pavilions, provide appropriate seating.	
		x		Mount Dora Dog Park		Create celebrated entry.	
		x		Mount Dora Dog Park		Integrate with Lincoln Park and other adjacent public facilities via Lincoln Park Master Plan.	
		x		Mount Dora Dog Park		Add electric to plan.	
		x		Mount Dora Mountain Bike Trails	Increase access to park.	Improve pedestrian connectivity to nearby City parks (Nature, Forrest, Lincoln Ave., Lake Franklin, and Lake Franklin Park).	
		x		Mount Dora Mountain Bike Trails		Provide accessible pedestrian connections into park-add sidewalk down 11th Ave. to connect to residential.	
		x		Mount Dora Mountain Bike Trails		Integrate with Lincoln Park and other adjacent public facilities via Lincoln Park Master Plan.	
		x		Mount Dora Mountain Bike Trails	Upgrade park offerings.	Create celebrated entry.	
	x			Mount Dora Mountain Bike Trails		Upgrade bike wash station.	
	x			Mount Dora Mountain Bike Trails	Provide ADA accessible opportunities for park enjoyment.	Provide accessible parking.	
		x		Mount Dora Mountain Bike Trails		Establish (1) accessible trail route through the property.	

PARKS NOT REQUIRING SITE SPECIFIC MASTER PLAN-5

Annual Maintenance	In-process	Complete	Future Date	Property	Description	Details	Notes
		x		Nature Park	Increase access into park.	Improve pedestrian connectivity to nearby City parks (Mt. Bike Trails, Forbes, Lincoln Ave., Lake Franklin, and Lake Franklin Park).	
		x		Nature Park		Provide accessible pedestrian connections into park.	
		x		Nature Park		Expand upon existing access to provide more opportunity to enjoy nature-path from Mt. Bike Trails and disc golf course that starts at Forbes Playground.	
		x		Nature Park		Integrate with other adjacent public facilities	
x				Nature Park	Enhance park offerings.	In areas of park without golf course, encourage growth of native grasses and wildflower, maintain an 8'-10' wide mown path for ease of access.	
	x			Nature Park		Incorporate interpretative/environmental and historical signage of the property's attributes.	
		x		Nature Park	Increase public awareness of park.	Create celebrated entry.	
		x		Nature Park		Promote the use and access to the property.	
x				Palm Island Park	Increase access into the park.	Provide accessible pedestrian connectivity to the park from surrounding facilities-crosswalk to Gilbert Park.	
	x			Palm Island Park	Update park amenities to ADA accessibility standards.	Provide accessible pedestrian access to/around picnic shelters and grills.	
	x			Palm Island Park		Replace picnic table on the open concrete pad with an accessible table.	
	x			Palm Island Park	Provide wayfinding throughout the park.	Create celebrated entry.	
	x			Palm Island Park		Provide wayfinding into parking lot and within park.	
		x		Palm Island Park	Address hazards within the park.	Address hazards mostly behind the Boy Scout building.	
	x			Palm Island Park		Repair broken equipment.	
	x			Palm Island Park		Provide wildlife warning signage at boardwalk exit-to-path points near lake edge.	
		x		Palm Island Park	Enhance boardwalk experience.	Add seating along boardwalk.	
	x			Palm Island Park		Incorporate interpretative/environmental and educational signage.	
		x		Palm Island Park	Engage Boy Scout building and make functional.	Renovate Boy Scout building to be functional.	
x				Palm Island Park		Provide updated plantings at Boy Scout building.	
	x			Palm Island Park		Establish Kayak/Canoe launch.	

PARKS NOT REQUIRING SITE SPECIFIC MASTER PLAN-6

Annual Maintenance	In-process	Complete	Future Date	Property	Description	Details	Notes
		x		Pinecrest Park	Increase access to park.	Provide pedestrian connectivity-crosswalks from surrounding streets.	
		x		Pinecrest Park		Address steep slope to ensure accessibility and usability of park.	
		x		Pinecrest Park	Enhance park offerings to make park functional.	Maintain plantings to allow natural surveillance.	
		x		Pinecrest Park		Establish social nook with shaded seating.	
		x		Ruthie Watson Park	Provide ADA accessible furnishings		
		x		Ruthie Watson Park	Ensure lighting is adequate to overcome high hedge along the south and west sides.		
		x		Serenity Park	Provide additional shade trees.		
		x		Serenity Park	Confirm accessibility of sidewalk slopes.		
	x			Simpson Farm House		Provide companion seating/bench and wheelchair pad.	
		x		Summerview Park	Currently in development.		Future improvements identified.
		x		Sunset Park	Maintain plantings to allow natural surveillance.		
		x		Sunset Park	Add arts programming to enhance space.		
	x			Sunset Park	Add directional signage leading to 4th Ave. Docks.		
		x		Sylvan Park	Increase park awareness and access.	Provide park ID signage.	
	x			Sylvan Park		Provide pedestrian connectivity-crosswalks crossing Oakland Dr.	
		x		Sylvan Park	Manage existing vegetation to improve park views.	Open views to Lake Gertrude.	
x				Sylvan Park		Maintain planting to allow natural surveillance.	Ongoing as the need comes up.
		x		Sylvan Park	Enhance park offerings to increase park use.	Provide accessible shaded seating.	
	x			Sylvan Park		Provide gathering space with picnic tables.	
				Sylvan Park		Provide drinking fountain and trash receptacles.	No need.
		x		Sylvan Park		Provide open space.	
		x		Sylvan Park		Provide accessible interior pedestrian sidewalk connecting Oakland Dr. sidewalk to Lake Gertrude promenade to the west.	
		x		Sylvan Park		Consider a neighborhood playground.	
				W.T. Bland Public Library	Increase ADA accessibility to the "Under the Oaks" picnic area.	Provide accessible connections to the picnic area.	Became additional parking.
		x		W.T. Bland Public Library		Provide accessible picnic tables.	
	x			W.T. Bland Public Library	Engage adjacent facilities to optimize their use.	Provide pedestrian connections to Forest Park.	
		x		Waite Property	Manage existing natural resources and improve human-nature interaction.	Remove nuisance and exotic plant species.	

PARKS NOT REQUIRING SITE SPECIFIC MASTER PLAN-7

Annual Maintenance	In-process	Complete	Future Date	Property	Description	Details	Notes
		x		Waite Property		Limb up and trim vegetation bordering on Lake Gertrude Way to allow natural surveillance.	
				Waite Property		Add interpretative signage adjacent to Lake Gertrude Way.	
		x		New Projects	Collaborate on EAR Development.	During EAR process, develop Comprehensive Plan policies to implement relevant portions of PRMP including LOS and Typical Park Equity Standards	
	x				Trails Master Plan and Implementation.	Develop a Trails Master Plan to improve connectivity and accessibility to all facilities.	
	x				New Park Land Acquisition.	Strategically acquire land to fill LOS gaps as Mount Dora continues to grow.	
	x				School Partnerships.	Work with Triangle Elementary to open facilities for public use to fill existing LOS gap and provide service to areas in the JPA to be annexed into the city in the future.	
		x				Coordinate with school board in the development of future schools to identify potential LOS coverage opportunities.	
	x				Art Master Plan.	Develop Art Master Plan to approach opportunities for public art within the City.	
	x				Improve Marketing.	Develop marketing to increase awareness of existing facilities and faster communication between the community and the Parks & Recreation Department.	
		x			Update Master Plan	This Master plan should be updated at mid- and long-term marks to re-evaluate conditions at the time and strategize appropriately	
	x				Lake Dora Waterfront.	The Lake Dora Waterfront stretches from Palm Island Park to the 4th Avenue Docks containing public and private parcels. It includes many parks with different names: Gilbert Park, Grantham Point, Simpson Cove, and Elizabeth Evans Park. This can cause confusion for users. A summary of the 2011 Envision Mount Dora process as it relates to the Lake Dora Lakefront Element is included on page 15. The core principles from the vision need to be revisited and implemented for this area that is an important hub for leisure, events, culture, and tourism in the City. These principles need to be quantified and a fresh view to update the plan needs to involve the City and private stakeholders in the area.	
		x			New Community Center.	Build new community center for all residents of the community.	
		x			Miscellaneous Design Services.	Provide for additional design services which may occur in the future.	
	x				Update Security Camera System.	Update camera system in conjunction with CPTED strategies for crime prevention.	

STRATEGIC REVIEW-PASSIVE PARKS-1

Annual Maintenance	In-process	Complete	Future Date	Property	Description	Details	Notes
	x			Fourth Avenue Docks	Replace aging docks.		
		x		Fourth Avenue Docks	Improve wayfinding and facility awareness.	Celebrated entry.	Continued repairs via contractor
		x		Fourth Avenue Docks		Add ID and directional signage to McDonald St. intersection.	
	x			Blair Park	Improve access into park.	Pedestrian connectivity-crosswalks on both sides (Oakland Dr. & Sylvan Dr.)	
	x			Blair Park	Enhance park offerings.	Provide companion seating/bench and wheelchair pad.	
x				Blair Park		Maintain plantings to allow natural surveillance.	Ongoing as the need comes up.
		x		Blair Park		Improve path to memorial bench for accessibility.	
		x		Blair Park		Establish social nook with shaded seating.	
	x			Chautauqua Park	Improve access into park.	Pedestrian connectivity-crosswalks from surrounding streets/sidewalks.	
	x			Chautauqua Park	Enhance park offerings.	Provide companion seating/bench and wheelchair pad.	
	x			Chautauqua Park		Internal sidewalk/path system.	
x				Chautauqua Park		Maintain plantings to allow natural surveillance.	Ongoing as the need comes up.
	x			Chautauqua Park		Improve path to memorial bench for accessibility.	
		x		Chautauqua Park		Establish social nook with shaded seating.	
		x		Elizabeth Evans Park	Develop site-specific master plan.	Opportunities and constraints.	
		x		Elizabeth Evans Park	Develop site-specific master plan.	Conceptual plan options with public hearing.	
		x		Elizabeth Evans Park	Develop site-specific master plan.	Final master plan.	
		x		Elizabeth Evans Park	Develop site-specific master plan.	Cost estimate.	
		x		Elizabeth Evans Park	Develop site-specific master plan.	Phasing (if necessary).	
		x		Elizabeth Evans Park		New civic pavilion overlooking the lake.	
		x		Elizabeth Evans Park		Improve accessibility into and throughout the park.	
		x		Elizabeth Evans Park		Provide safe edge to the lake while maintaining the relationship to nature and views across the water.	
		x		Elizabeth Evans Park		Add restroom building and drinking water supply.	
		x		Elizabeth Evans Park		Provide grading and drainage improvements.	
	x			Elizabeth Evans Park		Provide general landscape renovation.	Ongoing as the need comes up.
	x			Forest Park (Trail)	Improve wayfinding into and within facility.	Provide park ID signage.	Ongoing as the need comes up.
	x			Forest Park (Trail)		Provide internal wayfinding and interpretative signage where appropriate.	Ongoing as the need comes up.
		x		Forest Park (Trail)		Provide trailhead (kiosk, trail map, info).	
	x	x		Forest Park (Trail)	Improve access into park.	Provide pedestrian connectivity from adjacent public facilities to existing trail access points (crosswalks and signs).	
		x		Forest Park (Trail)		Provide parking for drive-to access.	
	x			Forest Park (Trail)	Enhance park offerings.	Establish (1) accessible trail route through the property.	
	x			Forest Park (Trail)		Provide facilities for "nature school" to be programmed out of the library and/or Simpson House.	
		x		Grantham Pointe (Lighthouse)	Address issues on lake edge.	Correct erosion issues with pre-cast seawall.	

STRATEGIC REVIEW-PASSIVE PARKS-2

Annual Maintenance	In-process	Complete	Future Date	Property	Description	Details	Notes
	x			Grantham Pointe (Lighthouse)		Remove nuisance and exotic plant species in littoral zone.	Bob Austin is working on this.
		x		Grantham Pointe (Lighthouse)	Enhance visitor experience.	Provide educational signage/environmental graphics.	
		x		Lake Franklin Park	Integrate park into Lincoln Ave. parks system.	Provide pedestrian connectivity to neighborhood and Mountain Bike Trails Park.	
x				Lake Franklin Park		Add a small parking area to establish a trailhead/access point to the Mountain Bike Trails, Nature Park and facilities to the north.	Located at Forres Park. Lincoln Master Plan will include this on the Lincoln side of the trail.
x				Lake Franklin Park	Add park offerings to provide use for the community.	Maintain plantings to allow natural surveillance.	Ongoing as the need comes up.
		x		Lake Franklin Park		Provide internal sidewalk connectivity and seating area.	
				Lake Gertrude Way	To be addressed by Public Works.	No further recommendations.	
		x		Mount Dora Dog Park	Provide ADA accessible opportunities for users of park.	Provide accessible parking and pedestrian connectivity from parking lot to park.	
		x		Mount Dora Dog Park		Provide accessible pedestrian connectivity to pavilion within park and accessible seating opportunities.	
		x		Mount Dora Dog Park	Update/upgrade park offerings.	Ensure complete enclosure of small dog areas (loose gates, gaps under fences, etc.)	
	x			Mount Dora Dog Park		Consolidate and organize signage into one sign per area.	
		x		Mount Dora Dog Park		Update and upgrade pavilions, provide appropriate seating.	
		x		Mount Dora Dog Park		Create celebrated entry.	
		x		Mount Dora Dog Park		Integrate with Lincoln Park and other adjacent public facilities via Lincoln Park Master Plan.	
		x		Mount Dora Dog Park		Add electric to plan.	
		x		Nature Park	Increase access into park.	Improve pedestrian connectivity to nearby City parks (Mt. Bike Trails, Forres, Lincoln Ave., Lake Franklin, and Lake Franklin Park).	
		x		Nature Park		Provide accessible pedestrian connections into park.	
		x		Nature Park		Expand upon existing access to provide more opportunity to enjoy nature-path from Mt. Bike Trails and disc golf course that starts at Forres Playground.	
		x		Nature Park		Integrate with other adjacent public facilities	
	x			Nature Park	Enhance park offerings.	In areas of park without golf course, encourage growth of native grasses and wildflower, maintain an 8'-10' wide mown path for ease of access.	
	x			Nature Park		Incorporate interpretative/environmental and historical signage of the property's attributes.	
		x		Nature Park	Increase public awareness of park.	Create celebrated entry.	
		x		Nature Park		Promote the use and access to the property.	
	x			Palm Island Park	Increase access into the park.	Provide accessible pedestrian connectivity to the park from surrounding facilities-crosswalk to Gilbert Park.	
	x			Palm Island Park	Update park amenities to ADA accessibility standards.	Provide accessible pedestrian access to/around picnic shelters and grills.	
	x			Palm Island Park		Replace picnic table on the open concrete pad with an accessible table.	
	x			Palm Island Park	Provide wayfinding throughout the park.	Create celebrated entry.	
	x			Palm Island Park		Provide wayfinding into parking lot and within park.	
		x		Palm Island Park	Address hazards within the park.	Address hazards mostly behind the Boy Scout building.	
	x			Palm Island Park		Repair broken equipment.	

STRATEGIC REVIEW-PASSIVE PARKS-3

Annual Maintenance	In-process	Complete	Future Date	Property	Description	Details	Notes
	x			Palm Island Park		Provide wildlife warning signage at boardwalk exit-to-path points near lake edge.	
		x		Palm Island Park	Enhance boardwalk experience.	Add seating along boardwalk.	
	x			Palm Island Park		Incorporate interpretative/environmental and educational signage.	
		x		Palm Island Park	Engage Boy Scout building and make functional.	Renovate Boy Scout building to be functional.	
x				Palm Island Park		Provide updated plantings at Boy Scout building.	
	x			Palm Island Park		Establish Kayak/Canoe launch.	
		x		Pinecrest Park	Increase access to park.	Provide pedestrian connectivity-crosswalks from surrounding streets.	
		x		Pinecrest Park		Address steep slope to ensure accessibility and usability of park.	
		x		Pinecrest Park	Enhance park offerings to make park functional.	Maintain plantings to allow natural surveillance.	
		x		Pinecrest Park		Establish social nook with shaded seating.	
		x		Ruthie Watson Park	Provide ADA accessible furnishings		
		x		Ruthie Watson Park	Ensure lighting is adequate to overcome high hedge along the south and west sides.		
		x		Serenity Park	Provide additional shade trees.		
		x		Serenity Park	Confirm accessibility of sidewalk slopes.		
	x			Simpson Cove (Boat Launch)	Improve the implied connections to the lakefront series of parks-speed table on Tremain at park connection.		
		x		Simpson Cove (Boat Launch)	Develop a site-specific master plan.	Opportunities and constraints.	
		x		Simpson Cove (Boat Launch)	Develop a site-specific master plan.	Final master plan.	
		x		Simpson Cove (Boat Launch)	Develop a site-specific master plan.	Cost estimating.	
		x		Simpson Cove (Boat Launch)		Improve circulation and parking in boat ramp area.	
	x			Simpson Cove (Boat Launch)		Improve accessible pedestrian connections throughout site.	
	x			Simpson Cove (Boat Launch)		Accommodate special events and daily use.	
		x		Simpson Cove (Boat Launch)		Provide wayfinding from surrounding areas.	
	x			Stein Park	Develop site-specific master plan.	Opportunities and constraints.	
				Stein Park	Develop site-specific master plan.	Conceptual plan options with public hearing.	No need for master plan.
				Stein Park	Develop site-specific master plan.	Final master plan.	No need for master plan.
				Stein Park	Develop site-specific master plan.	Cost estimate.	No need for master plan.
				Stein Park	Develop site-specific master plan.	Phasing (if necessary).	No need for master plan.
	x			Stein Park		Provide accessible interior pedestrian sidewalk and walking loop.	
	x			Stein Park		Provide accessible shaded seating.	
	x			Stein Park		Provide gathering space with picnic tables.	
				Stein Park		Provide drinking fountain and trash receptacles.	No need.
		x		Stein Park		Provide open space.	
	x			Stein Park		Include educational signage regarding historic Chautauqua Assembly Hotel.	
	x			Stein Park		Provide pedestrian connectivity-crosswalks at all intersections.	
		x		Sunset Park	Maintain plantings to allow natural surveillance.		

STRATEGIC REVIEW-PASSIVE PARKS-4

Annual Maintenance				Property	Description	Details	Notes
In-process	Complete	Future	Date				
		x		Sunset Park	Add arts programming to enhance space.		
x				Sunset Park	Add directional signage leading to 4th Ave. Docks.		
		x		Sylvan Park	Increase park awareness and access.	Provide park ID signage.	
x				Sylvan Park		Provide pedestrian connectivity-crosswalks crossing Oakland Dr.	
	x			Sylvan Park	Manage existing vegetation to improve park views.	Open views to Lake Gertrude.	
x				Sylvan Park		Maintain planting to allow natural surveillance.	Ongoing as the need comes up.
	x			Sylvan Park	Enhance park offerings to increase park use.	Provide accessible shaded seating.	
x				Sylvan Park		Provide gathering space with picnic tables.	
				Sylvan Park		Provide drinking fountain and trash receptacles.	No need.
	x			Sylvan Park		Provide open space.	
		x		Sylvan Park		Provide accessible interior pedestrian sidewalk connecting Oakland Dr. sidewalk to Lake Gertrude promenade to the west.	
		x		Sylvan Park		Consider a neighborhood playground.	

STRATEGIC REVIEW-MULTI-USE PARKS-1

Annual Maintenance	In-process	Complete	Future Date	Property	Description	Details	Notes
		x		Cauley Lott & Lillie Park	Develop site-specific master plan.	Conceptual plan options with public hearing.	
		x		Cauley Lott & Lillie Park	Develop site-specific master plan.	Final master plan.	
		x		Cauley Lott & Lillie Park	Develop site-specific master plan.	Cost estimate.	
	x			Cauley Lott & Lillie Park	Develop site-specific master plan.	Phasing (if necessary).	
	x			Cauley Lott & Lillie Park		Amphitheater enhancements.	
		x		Cauley Lott & Lillie Park		Large playground and splash pad.	
	x			Cauley Lott & Lillie Park		Improved parking.	
	x			Cauley Lott & Lillie Park		Re-construct court sports.	
	x			Cauley Lott & Lillie Park		Renovate pavilion and bring up to code.	
	x			Cauley Lott & Lillie Park		Interior pedestrian access throughout park.	
	x			Cauley Lott & Lillie Park		Integrate park design with stormwater component.	
	x			Cauley Lott & Lillie Park		Replace individual picnic shelters.	
x				Cauley Lott & Lillie Park		Grand connection across Pine Ave. to Lillie Park.	
	x			Cauley Lott & Lillie Park		Additional security enhancements.	
			x	Donnelly Park	Improve accessible routes into and throughout the park.	.	
			x	Donnelly Park	Develop site-specific master plan.	Opportunities and constraints.	
			x	Donnelly Park	Develop site-specific master plan.	Conceptual plan options with public hearing.	
			x	Donnelly Park	Develop site-specific master plan.	Final master plan.	
			x	Donnelly Park	Develop site-specific master plan.	Cost estimate.	
			x	Donnelly Park		Building and restroom renovation.	
			x	Donnelly Park		Renovation of SW corner-address the CBD/primary tourist access point.	
			x	Donnelly Park		Analyze topographic survey to identify solutions to pedestrian route grading challenges and erosion runoff issues.	
			x	Donnelly Park		Build upon successful programmatic elements, enhance aesthetics and functionality.	
		x		Gilbert Park	Increase access into park.	Provide accessible pedestrian connectivity to the park from surrounding public facilities (crosswalks).	
	x			Gilbert Park	Implement CPTED recommendations within park.	Provide adequate lighting to all areas of the park accessible during evening hours.	
		x		Gilbert Park		Remove screen fences from partially screened electrical equipment at SW corner to avoid ambush points.	
x				Gilbert Park		Maintain plantings to allow natural surveillance.	Ongoing as the need comes up.
	x			Gilbert Park		Repair damaged portions of post-and-deck playground (bent railings).	
	x			Gilbert Park		Move electrical panels currently out in the open in the west lawn to more discreet locations.	
	x			Gilbert Park	Update park offerings to better serve the community.	Provide comparable accessible seating and picnic opportunity in the west lawn.	
	x			Gilbert Park		Enhance the nature walk on the north side by implementing a true path with adequate lighting and light replacement, necessary safety features and plant maintenance.	We have a group volunteering to work with Bob Austin on April 2nd, 2022
			x	Gilbert Park		Replace playground for small children.	

STRATEGIC REVIEW-MULTI-USE PARKS-2

Annual Maintenance	In-process	Complete	Future Date	Property	Description	Details	Notes
		x		Lincoln Avenue Community Park and Pool	Develop site-specific master plan.	Currently recommended for short-term implementation. If pushed to mid-term, Small-scale improvements recommended in short-term timeframe.	
		x		Lincoln Avenue Community Park and Pool	Develop site-specific master plan.	Opportunities and constraints.	
		x		Lincoln Avenue Community Park and Pool	Develop site-specific master plan.	Conceptual plan options with public hearing.	
		x		Lincoln Avenue Community Park and Pool	Develop site-specific master plan.	Final master plan.	
		x		Lincoln Avenue Community Park and Pool	Develop site-specific master plan.	Cost estimate.	
		x		Lincoln Avenue Community Park and Pool	Develop site-specific master plan.	Phasing (if necessary).	
		x		Lincoln Avenue Community Park and Pool		Optimize use of space for event days and improve daily use options.	
		x		Lincoln Avenue Community Park and Pool		Clearly program space.	
		x		Lincoln Avenue Community Park and Pool		Improve accessibility into and throughout the park and to adjacent city parks and community facilities.	
		x		Lincoln Avenue Community Park and Pool		Relocate public works holding yard and make use of the space at east end of property, or use this space as the expansion of the public works facility at the west end.	
		x		Lincoln Avenue Community Park and Pool		Continue multi-use path and make additional connections to surrounding facilities (e.g. parks, IceHouse Theater, middle school).	
		x		Lincoln Avenue Community Park and Pool		Establish programmatic connection to the IceHouse theater.	
		x		Lincoln Avenue Community Park and Pool		Altering Unser St. and 11th Ave. to clearly read as in-park drives, as opposed to public streets.	
		x		Lincoln Avenue Community Park and Pool		Utilize full space for public use.	
		x		Lincoln Avenue Community Park and Pool		Integrate all adjacent public facilities for vehicular (parking lots and driveways) and pedestrian use (multi-use trail, sidewalks, restroom buildings).	
		x		Lincoln Avenue Community Park and Pool		Address drainage and grading issues.	
	x			Lincoln Avenue Community Park and Pool		Address ADA accessibility.	Some have been addressed. Full ADA access plan will be with master plan.

STRATEGIC REVIEW-ACTIVE PARKS, PLAYGROUNDS, FACILITIES AND OTHER-1

Annual Maintenance	In-process	Complete	Future Date	Property	Description	Details	Notes
	x			Forres Playground	Improve access into park.	Improve pedestrian connectivity to nearby City parks (Nature, Bike Trails, Lincoln Ave., Lak Franklin, and Lake Franklin Park).	
		x		Forres Playground		Provide pedestrian connection to/from E. 8th Ave.	
		x		Forres Playground	Maintain and enhance existing park.	Replace drinking fountains with accessible and durable models.	
		x		Forres Playground		Limb up and clear underbrush of existing trees to the south of the playground.	
		x		Forres Playground		provide natural tree shade in the playground, around seating areas and restroom building.	
		x		Frank Brown Sports Complex	Improve connectivity and access into and within park.	Provide pedestrian connectivity to surrounding land uses-sidewalk connections to middle school, Lincoln Park, and Cauley Lott Park.	
		x		Frank Brown Sports Complex		Provide pedestrian connectivity throughout the park interior.	
		x		Frank Brown Sports Complex	Improve park functionality.	Correct CPTED issue at dumpster enclosure/basketball court SW access point-move basketball access point to the north away from dumpster.	
		x		Frank Brown Sports Complex		Reinstall canopies on maintenance/concessions building.	
		x		Frank Brown Sports Complex		Provide restrooms and drinking water supply for daily use.	
		x		Frank Brown Sports Complex	Implement site plan updates/upgrades including.	Install shade trees in the plaza in lieu of palms and crape myrtles.	
		x		Frank Brown Sports Complex		Install additional playground equipment.	
		x		Frank Brown Sports Complex		Move grill out from under picnic pavilion.	
		x		Frank Brown Sports Complex		Improve access to/through the picnic pavilion and provide (a) accessible picnic table.	
		x		Frank Brown Sports Complex		Ensure safety of players on fields by protecting them from light poles in infield.	
		x		Frank Brown Sports Complex		Improve grading issues to eliminate erosion where it is occurring	
		x		Frank Brown Sports Complex		Improve multi-use field turf conditions.	
		x		Frank Brown Sports Complex		Expand basketball court surface to the east, create a planted buffer from the parking lot on the west side.	
		x		Frank Brown Sports Complex		Screen the lift station from view.	
				Mount Dora Golf Club (Tennis Courts)	Develop site-specific master plan.	Opportunities and constraints.	Demolished
				Mount Dora Golf Club (Tennis Courts)	Develop site-specific master plan.	Conceptual plan options with public hearing.	Demolished
				Mount Dora Golf Club (Tennis Courts)	Develop site-specific master plan.	Final master plan.	Demolished
				Mount Dora Golf Club (Tennis Courts)	Develop site-specific master plan.	Cost estimate.	Demolished
				Mount Dora Golf Club (Tennis Courts)		Determine site programming.	Demolished
				Mount Dora Golf Club (Tennis Courts)		Address parking needs.	Demolished
				Mount Dora Golf Club (Tennis Courts)		Provide accessible pedestrian connections to surrounding areas and within park.	Demolished
				Mount Dora Golf Club (Tennis Courts)		Provide active recreation opportunity per community input.	Demolished
		x		Mount Dora Mountain Bike Trails	Increase access to park.	Improve pedestrian connectivity to nearby City parks (Nature, Forres, Lincoln Ave., Lake Franklin, and Lake Franklin Park).	
		x		Mount Dora Mountain Bike Trails		Provide accessible pedestrian connections into park-add sidewalk down 11th Ave. to connect to residential.	
		x		Mount Dora Mountain Bike Trails		Integrate with Lincoln Park and other adjacent public facilities via Lincoln Park Master Plan.	
		x		Mount Dora Mountain Bike Trails	Upgrade park offerings.	Create celebrated entry.	
	x			Mount Dora Mountain Bike Trails		Upgrade bike wash station.	

STRATEGIC REVIEW-ACTIVE PARKS, PLAYGROUNDS, FACILITIES AND OTHER-2

Annual Maintenance	In-process	Complete	Future Date	Property	Description	Details	Notes
x				Mount Dora Mountain Bike Trails	Provide ADA accessible opportunities for park enjoyment.	Provide accessible parking.	
		x		Mount Dora Mountain Bike Trails		Establish (1) accessible trail route through the property.	
	x			Summerview Park	Currently in development.		Future improvements identified.
				W.T. Bland Public Library	Increase ADA accessibility to the "Under the Oaks" picnic area.	Provide accessible connections to the picnic area.	Became additional parking.
		x		W.T. Bland Public Library		Provide accessible picnic tables.	
x				W.T. Bland Public Library	Engage adjacent facilities to optimize their use.	Provide pedestrian connections to Forest Park.	
		x		Waite Property	Manage existing natural resources and improve human-nature interaction.	Remove nuisance and exotic plant species.	
		x		Waite Property		Limb up and trim vegetation bordering on Lake Gertrude Way to allow natural surveillance.	
				Waite Property		Add interpretative signage adjacent to Lake Gertrude Way.	
		x		New Projects	Collaborate on EAR Development.	During EAR process, develop Comprehensive Plan policies to implement relevant portions of PRMP including LOS and Typical Park Equity Standards	
x					Trails Master Plan and Implementation.	Develop a Trails Master Plan to improve connectivity and accessibility to all facilities.	
x					New Park Land Acquisition.	Strategically acquire land to fill LOS gaps as Mount Dora continues to grow.	
x					School Partnerships.	Work with Triangle Elementary to open facilities for public use to fill existing LOS gap and provide service to areas in the JPA to be annexed into the city in the future.	
		x				Coordinate with school board in the development of future schools to identify potential LOS coverage opportunities.	
x					Art Master Plan.	Develop Art Master Plan to approach opportunities for public art within the City.	
x					Improve Marketing.	Develop marketing to increase awareness of existing facilities and faster communication between the community and the Parks & Recreation Department.	
		x			Update Master Plan	This Master plan should be updated at mid- and long-term marks to re-evaluate conditions at the time and strategize appropriately	
x					Lake Dora Waterfront.	The Lake Dora Waterfront stretches from Palm Island Park to the 4th Avenue Docks containing public and private parcels. It includes many parks with different names: Gilbert Park, Grantham Point, Simpson Cove, and Elizabeth Evans Park. This can cause confusion for users. A summary of the 2011 Envision Mount Dora process as it relates to the Lake Dora Lakefront Element is included on page 15. The core principles from the vision need to be revisited and implemented for this area that is an important hub for leisure, events, culture, and tourism in the City. These principles need to be quantified and a fresh view to update the plan needs to involve the City and private stakeholders in the area.	
		x			New Community Center.	Build new community center for all residents of the community.	
		x			Miscellaneous Design Services.	Provide for additional design services which may occur in the future.	
x					Update Security Camera System.	Update camera system in conjunction with CPTED strategies for crime prevention.	



**CITY OF
MOUNT
DORA**

**Leisure Services
900 N. Donnelly St.
Mount Dora, FL 32757
352-735-7183
Fax: 352-735-3681
E-mail: parksandrec@cityofmountdora.com**

DATE: March 21, 2022

TO: Parks and Recreation Advisory Board Members

FROM: Amy Jewell, Leisure Services Director

SUBJECT: Parks and Recreation Update

Introduction:

This is an opportunity for staff to update Board members regarding Parks and Recreation activities.

Discussion:

Mr. Shonk will update Board members regarding additions to the Ocala Mountain Bike Trail at Forres Park.

At staff request, W.T. Bland Public Library Manager Cathy Lunday provided the following information about ongoing parks-related projects:

Forest Preserve

Planning is progressing on schedule with this project, with the environmental site assessment being conducted this month. Once completed, a Forest Preserve Workshop will be held at the Library for the public, with a panel of State Foresters and a Wildlife Biologist explaining the tract's early origins, recent history, and likely outcome if left unmanaged. The completed assessment will also be reviewed in-depth and questions from the public will be encouraged. In the meantime, an Invasive Species Removal Workday took place in January, which drew nearly a dozen volunteers, and a second one is planned on Saturday, May 14, 2022, from 8:00am to 10:00am. A trail assessment study will be scheduled once the site study results are known.

America in Bloom

Mount Dora's Mayor Crissy Stile and City Manager Patrick Comiskey have determined that America in Bloom, a nonprofit national organization, might offer creative solutions to bring more flowers and help beautify downtown Mount Dora and other areas. In addition to joining the organization, which advocates for flowering plants as an economic driver, among other benefits, Mount Dora will have a site visit and assessment from the program's civic experts, who will review several key locations around the City to determine best practices. The City has

also entered the All-America Selection Showcase Garden Challenge, which provides free zone-appropriate, award-winning seeds for cities to design, plant and promote their gardens. A project team has been assembled and Donnelly Park has been selected as the site for the showcase garden. The goal is to introduce perennial flowers to this focal point in beds designed to avoid Mount Dora's considerable foot traffic. Assessment results will be shared once completed.

Budget Impact:

There is no budget impact for this item.

Strategic Impact:

N/A

Recommendation

N/A

Attachment(s):

1. Forres Park OMBA Map_ADA

Prepared by: Jeanann Hand, Administrative Coordinator

Reviewed by: Troy Shonk, Leisure Services Administrator

Final Approval - 3/16/2022



Ecotonos

NATURAL
TRAILBUILDING

MT. DORA KIDS PARK
FORRES PARK, MT. DORA, FLORIDA

DRAWN BY: BRYAN PEPPER

DATE: 2/24/2022

PT - 2

PROPOSED TRAILS

0' 25' 50' 100'
1" = 100'



**CITY OF
MOUNT
DORA**

**Leisure Services
900 N. Donnelly St.
Mount Dora, FL 32757
352-735-7183
Fax: 352-735-3681
E-mail: parksandrec@cityofmountdora.com**

DATE: March 21, 2022

TO: Parks and Recreation Advisory Board Members

FROM: Amy Jewell, Leisure Services Director

SUBJECT: Cultural and Special Events Update

Introduction:

This is an opportunity for City staff to present a regular Cultural and Special Events update.

Discussion:

N/A

Budget Impact:

N/A

Strategic Impact:

N/A

Recommendation N/A

Attachment(s):

Prepared by: Jeanann Hand, Administrative Coordinator
Reviewed by: carsonc carsonc, Special Events Coordinator
Troy Shonk, Leisure Services Administrator
Amy Jewell, Leisure Services Director

Approved - 3/10/2022
Approved - 3/10/2022
Final Approval - 3/11/2022